

## **LORP Synopsis for June 2009**

### **Compliance Comments:**

Flows were well above the minimum flows for the month and there were no issues of non-compliance related to river flows.

### **Maintenance**

Activities for the month of June on the Lower Owens River included the following:

- Current metering continues the development of discharge curves at all in-river flow monitoring sites and are used to develop velocity indexing tables. These tables are being updated bi-weekly and downloaded to the SonTek flowmeters monthly to aid in the calibration of the meters.
- Some in-river station measurements have fluctuated as a result of shifting and increased sedimentation in the river, requiring additional indexing to increase the accuracy of measurements.
- The stations with culverts continue to be cleaned since starting flows using high pressure hoses and brooms. The sediment continues to build up at various stations and seems to be an on-going issue.
- At the Above Blackrock Return a new velocity index was installed on June 18<sup>th</sup>.
- On June 23<sup>rd</sup>, the Mazourka Canyon station was vandalized and DWP personnel repaired the damage.

### **Operations**

Here are the flow changes during the month:

Drew waterfowl increased from 4 cfs to 4.7 cfs on June 1<sup>st</sup>, 2009.

Waggoner waterfowl increased from 4 cfs to 4.7 cfs on June 1<sup>st</sup>, 2009.

Winterton waterfowl increased from 0 cfs to 6 cfs on June 1<sup>st</sup>, 2009.

Blackrock Ditch return decreased from 7 cfs to 2 cfs on June 1<sup>st</sup>, 2009.

Thibaut waterfowl increased from 0.3 cfs to 1 cfs on June 4<sup>th</sup>, 2009.

Georges Return decreased from 10 cfs to 0 cfs on June 8<sup>th</sup>, 2009.

LORP Intake increased from 48 cfs to 60 cfs on June 17<sup>th</sup>, 2009.

Thibaut waterfowl increased from 1 cfs to 2 cfs on June 17<sup>th</sup>, 2009.

Georges Return increased from 0 cfs to 6 cfs on June 23<sup>rd</sup>, 2009.

LORP Intake increased from 60 cfs to 70 cfs on June 24<sup>th</sup>, 2009.

Alabama Spillgates increased from 0 cfs to 10 cfs on June 24<sup>th</sup>, 2009.

LORP Intake increased from 70 cfs to 80 cfs on June 29<sup>th</sup>, 2009.

Alabama Spillgates decreased from 10 cfs to 0 cfs on June 30<sup>th</sup>, 2009.

## Waterfowl Area Monthly Report

### Synopsis

The wetted acreage goal for the 2009-2010 runoff year is 355 acres. The agreed upon plan calls for setting the flows in the waterfowl areas based on the historical history of each area. For the Drew and Waggoner Units, the first year flows were to be set based on the history of the Winterton area.

The timing of the first on flows were delayed due to the late adoption and modifications of the new Operation Procedures. Flows at the Drew and Waggoner Units should have been turned on to 4 cfs beginning on April 1 per the new agreement but were delay somewhat as shown in the table below. On June 1<sup>st</sup>, the beginning of the “summer” period, the flows at both Drew and Waggoner were adjusted to account for the seasonal variation in evapo-transpiration.

### Drew Unit

| <u>Inflow</u> | <u>Date Set</u> | <u>Wetted Acreage</u> | <u>Date of GPS</u> |
|---------------|-----------------|-----------------------|--------------------|
| 3 cfs         | 4/21/09         | 44                    | 5/11/2009          |
| 4 cfs         | 4/29/09         | 56                    | 5/26/2009          |
| 4.7 cfs       | 6/01/09         |                       |                    |

### Waggoner Unit

| <u>Inflow</u> | <u>Date Set</u> | <u>Wetted Acreage</u> | <u>Date of GPS</u> |
|---------------|-----------------|-----------------------|--------------------|
| 3 cfs         | 4/21/09         | 45                    | 5/12/2009          |
| 4 cfs         | 4/29/09         | 66                    | 5/27/2009          |
| 4.7 cfs       | 6/01/09         |                       |                    |

### Winterton Unit

| <u>Inflow</u> | <u>Date Set</u> | <u>Wetted Acreage</u> | <u>Date of GPS</u> |
|---------------|-----------------|-----------------------|--------------------|
| 6 cfs         | 6/01/09         | 157                   | 4/1/2009           |
|               |                 | 162                   | 4/13/2009          |
|               |                 | 55                    | 5/6/2009           |
|               |                 | 9                     | 5/29/2009          |

### Thibaut Unit

| <u>Inflow</u> | <u>Date Set</u> | <u>Wetted Acreage</u> | <u>Date of GPS</u> |
|---------------|-----------------|-----------------------|--------------------|
| 1 cfs         | 6/3/09          | 118                   | 4/8/2009           |
|               |                 | 175                   | 4/13/2009          |
|               |                 | 83                    | 5/8/2009           |
|               |                 | 8 *                   | 5/28/2009          |

\* In addition to the 28 acre Thibaut Pond area.

The low wetted acreage observed in the Drew and Waggoner areas during May caused some concern and DWP investigated why the acreages were observed at such low levels given the flows applied to the waterfowl areas. From what DWP personnel were able to determine, both Drew and Waggoner continued to absorb water into the soil and didn't

display much standing surface water through the end of May. Due to the low wetted acreage concern, the Winterton Unit was turned on again on June 1<sup>st</sup> to supplement the acreage until the Waggoner and Drew Units are fully wetted and finished with soaking up ground water.

The next wetted acreage measurements will occur around the first week of July and the end of the “summer” season around August 15<sup>th</sup>.

**Month:** June  
**Year:** 2009

| Date     | Intake               |                  |                                       | Blackrock            |                  |                                       | E/O Goose            |                  |                                       | Two Culverts         |                  |                                       | Mazourka             |                  |                                       | Manzanar             |                  |                                       | Reinhackle           |                  |                                       | LP at NG Rd          |                  |                                       | Keeler Bridge        |                  |                                       | Above Pumpstation |                         |    | Pumpback |    | Lange-<br>mann<br>Release<br>to Delta | Weir<br>to<br>Delta | River<br>Daily<br>Avg |
|----------|----------------------|------------------|---------------------------------------|----------------------|------------------|---------------------------------------|----------------------|------------------|---------------------------------------|----------------------|------------------|---------------------------------------|----------------------|------------------|---------------------------------------|----------------------|------------------|---------------------------------------|----------------------|------------------|---------------------------------------|----------------------|------------------|---------------------------------------|----------------------|------------------|---------------------------------------|-------------------|-------------------------|----|----------|----|---------------------------------------|---------------------|-----------------------|
|          | Daily<br>Avg<br>Flow | 15<br>Day<br>Avg | # Days<br>of last<br>15 at<br>40+ cfs | Daily<br>Avg<br>Flow | 15<br>Day<br>Avg | # Days<br>of last 15<br>at 40+<br>cfs | Daily<br>Avg<br>Flow | 15<br>Day<br>Avg | # Days<br>of last 15<br>at 40+<br>cfs | Daily<br>Avg<br>Flow | 15<br>Day<br>Avg | # Days<br>of last 15<br>at 40+<br>cfs | Daily<br>Avg<br>Flow | 15<br>Day<br>Avg | # Days<br>of last 15<br>at 40+<br>cfs | Daily<br>Avg<br>Flow | 15<br>Day<br>Avg | # Days<br>of last 15<br>at 40+<br>cfs | Daily<br>Avg<br>Flow | 15<br>Day<br>Avg | # Days<br>of last 15<br>at 40+<br>cfs | Daily<br>Avg<br>Flow | 15<br>Day<br>Avg | # Days<br>of last 15<br>at 40+<br>cfs | Daily<br>Avg<br>Flow | 15<br>Day<br>Avg | # Days<br>of last 15<br>at 40+<br>cfs | Daily<br>Flow     | Avg<br>Month<br>to Date |    |          |    |                                       |                     |                       |
|          |                      |                  |                                       |                      |                  |                                       |                      |                  |                                       |                      |                  |                                       |                      |                  |                                       |                      |                  |                                       |                      |                  |                                       |                      |                  |                                       |                      |                  |                                       |                   |                         |    |          |    |                                       |                     |                       |
| 06/01/09 | 53                   | 62               | 15                                    | 54                   | 61               | 15                                    | 65                   | 64               | 15                                    | 79                   | 60               | 15                                    | 78                   | 54               | 15                                    | 76                   | 49               | 13                                    | 63                   | 52               | 15                                    | 47                   | 44               | 15                                    | 41                   | 42               | 12                                    | 48                | 44                      | 14 | 42       | 42 | 6                                     | 0                   | 60                    |
| 06/02/09 | 53                   | 62               | 15                                    | 48                   | 61               | 15                                    | 56                   | 64               | 15                                    | 67                   | 61               | 15                                    | 69                   | 56               | 15                                    | 84                   | 52               | 14                                    | 73                   | 53               | 15                                    | 48                   | 45               | 15                                    | 44                   | 42               | 13                                    | 49                | 44                      | 15 | 44       | 43 | 5                                     | 0                   | 59                    |
| 06/03/09 | 53                   | 63               | 15                                    | 49                   | 61               | 15                                    | 51                   | 64               | 15                                    | 58                   | 62               | 15                                    | 61                   | 57               | 15                                    | 83                   | 55               | 15                                    | 76                   | 55               | 15                                    | 50                   | 45               | 15                                    | 47                   | 43               | 14                                    | 47                | 45                      | 15 | 42       | 43 | 5                                     | 0                   | 58                    |
| 06/04/09 | 53                   | 63               | 15                                    | 49                   | 61               | 15                                    | 51                   | 64               | 15                                    | 54                   | 62               | 15                                    | 55                   | 58               | 15                                    | 77                   | 58               | 15                                    | 89                   | 57               | 15                                    | 55                   | 46               | 15                                    | 47                   | 43               | 14                                    | 50                | 45                      | 15 | 45       | 43 | 5                                     | 0                   | 58                    |
| 06/05/09 | 52                   | 63               | 15                                    | 49                   | 61               | 15                                    | 50                   | 64               | 15                                    | 52                   | 63               | 15                                    | 52                   | 58               | 15                                    | 69                   | 59               | 15                                    | 83                   | 60               | 15                                    | 64                   | 48               | 15                                    | 51                   | 44               | 15                                    | 51                | 46                      | 15 | 45       | 44 | 6                                     | 0                   | 57                    |
| 06/06/09 | 53                   | 64               | 15                                    | 53                   | 61               | 15                                    | 50                   | 63               | 15                                    | 51                   | 63               | 15                                    | 51                   | 58               | 15                                    | 63                   | 60               | 15                                    | 69                   | 61               | 15                                    | 70                   | 49               | 15                                    | 56                   | 45               | 15                                    | 55                | 47                      | 15 | 46       | 44 | 6                                     | 3                   | 57                    |
| 06/07/09 | 52                   | 64               | 15                                    | 50                   | 61               | 15                                    | 52                   | 63               | 15                                    | 52                   | 63               | 15                                    | 50                   | 58               | 15                                    | 58                   | 61               | 15                                    | 67                   | 62               | 15                                    | 71                   | 51               | 15                                    | 64                   | 46               | 15                                    | 65                | 48                      | 15 | 46       | 44 | 6                                     | 13                  | 58                    |
| 06/08/09 | 53                   | 64               | 15                                    | 49                   | 61               | 15                                    | 50                   | 63               | 15                                    | 51                   | 63               | 15                                    | 50                   | 59               | 15                                    | 56                   | 62               | 15                                    | 66                   | 63               | 15                                    | 70                   | 53               | 15                                    | 65                   | 48               | 15                                    | 68                | 50                      | 15 | 46       | 45 | 6                                     | 16                  | 58                    |
| 06/09/09 | 53                   | 64               | 15                                    | 50                   | 60               | 15                                    | 49                   | 62               | 15                                    | 50                   | 63               | 15                                    | 49                   | 59               | 15                                    | 54                   | 62               | 15                                    | 58                   | 64               | 15                                    | 65                   | 54               | 15                                    | 62                   | 49               | 15                                    | 69                | 51                      | 15 | 47       | 45 | 6                                     | 16                  | 56                    |
| 06/10/09 | 54                   | 63               | 15                                    | 53                   | 60               | 15                                    | 51                   | 61               | 15                                    | 50                   | 63               | 15                                    | 49                   | 59               | 15                                    | 54                   | 63               | 15                                    | 55                   | 64               | 15                                    | 60                   | 55               | 15                                    | 61                   | 50               | 15                                    | 66                | 53                      | 15 | 47       | 45 | 5                                     | 14                  | 55                    |
| 06/11/09 | 53                   | 60               | 15                                    | 54                   | 59               | 15                                    | 54                   | 61               | 15                                    | 52                   | 63               | 15                                    | 49                   | 59               | 15                                    | 55                   | 63               | 15                                    | 55                   | 64               | 15                                    | 55                   | 56               | 15                                    | 57                   | 51               | 15                                    | 63                | 54                      | 15 | 46       | 45 | 6                                     | 11                  | 55                    |
| 06/12/09 | 53                   | 56               | 15                                    | 52                   | 56               | 15                                    | 54                   | 59               | 15                                    | 53                   | 63               | 15                                    | 50                   | 59               | 15                                    | 53                   | 64               | 15                                    | 55                   | 65               | 15                                    | 49                   | 56               | 15                                    | 52                   | 52               | 15                                    | 56                | 55                      | 15 | 45       | 45 | 5                                     | 6                   | 53                    |
| 06/13/09 | 53                   | 54               | 15                                    | 52                   | 53               | 15                                    | 52                   | 56               | 15                                    | 52                   | 61               | 15                                    | 50                   | 58               | 15                                    | 53                   | 64               | 15                                    | 54                   | 65               | 15                                    | 45                   | 56               | 15                                    | 46                   | 52               | 15                                    | 53                | 55                      | 15 | 46       | 45 | 6                                     | 1                   | 51                    |
| 06/14/09 | 54                   | 53               | 15                                    | 52                   | 52               | 15                                    | 51                   | 54               | 15                                    | 52                   | 58               | 15                                    | 49                   | 56               | 15                                    | 53                   | 64               | 15                                    | 53                   | 65               | 15                                    | 44                   | 56               | 15                                    | 43                   | 52               | 15                                    | 49                | 56                      | 15 | 43       | 45 | 6                                     | 0                   | 50                    |
| 06/15/09 | 53                   | 53               | 15                                    | 50                   | 51               | 15                                    | 51                   | 52               | 15                                    | 52                   | 55               | 15                                    | 49                   | 54               | 15                                    | 54                   | 63               | 15                                    | 53                   | 65               | 15                                    | 43                   | 56               | 15                                    | 42                   | 52               | 15                                    | 43                | 55                      | 15 | 37       | 44 | 6                                     | 0                   | 49                    |
| 06/16/09 | 54                   | 53               | 15                                    | 49                   | 51               | 15                                    | 51                   | 52               | 15                                    | 51                   | 53               | 15                                    | 49                   | 52               | 15                                    | 54                   | 61               | 15                                    | 50                   | 64               | 15                                    | 42                   | 55               | 15                                    | 41                   | 52               | 15                                    | 42                | 55                      | 15 | 36       | 44 | 6                                     | 0                   | 48                    |
| 06/17/09 | 60                   | 54               | 15                                    | 51                   | 51               | 15                                    | 52                   | 51               | 15                                    | 52                   | 52               | 15                                    | 49                   | 51               | 15                                    | 55                   | 59               | 15                                    | 51                   | 62               | 15                                    | 41                   | 55               | 15                                    | 40                   | 52               | 15                                    | 41                | 55                      | 15 | 35       | 43 | 6                                     | 0                   | 49                    |
| 06/18/09 | 67                   | 54               | 15                                    | 66                   | 52               | 15                                    | 55                   | 52               | 15                                    | 51                   | 52               | 15                                    | 50                   | 50               | 15                                    | 55                   | 58               | 15                                    | 52                   | 61               | 15                                    | 42                   | 54               | 15                                    | 41                   | 51               | 15                                    | 40                | 54                      | 15 | 34       | 43 | 6                                     | 0                   | 52                    |
| 06/19/09 | 65                   | 55               | 15                                    | 66                   | 53               | 15                                    | 68                   | 53               | 15                                    | 56                   | 52               | 15                                    | 50                   | 50               | 15                                    | 54                   | 56               | 15                                    | 52                   | 58               | 15                                    | 41                   | 53               | 15                                    | 41                   | 51               | 15                                    | 40                | 53                      | 15 | 34       | 42 | 6                                     | 0                   | 53                    |
| 06/20/09 | 67                   | 56               | 15                                    | 64                   | 54               | 15                                    | 70                   | 54               | 15                                    | 60                   | 52               | 15                                    | 54                   | 50               | 15                                    | 53                   | 55               | 15                                    | 51                   | 56               | 15                                    | 41                   | 52               | 15                                    | 40                   | 50               | 15                                    | 38                | 53                      | 14 | 33       | 42 | 5                                     | 0                   | 54                    |
| 06/21/09 | 68                   | 57               | 15                                    | 66                   | 55               | 15                                    | 70                   | 55               | 15                                    | 61                   | 53               | 15                                    | 58                   | 50               | 15                                    | 53                   | 54               | 15                                    | 52                   | 55               | 15                                    | 39                   | 50               | 14                                    | 39                   | 49               | 14                                    | 39                | 51                      | 13 | 33       | 42 | 6                                     | 0                   | 55                    |
| 06/22/09 | 66                   | 58               | 15                                    | 67                   | 56               | 15                                    | 71                   | 57               | 15                                    | 62                   | 54               | 15                                    | 58                   | 51               | 15                                    | 56                   | 54               | 15                                    | 51                   | 54               | 15                                    | 38                   | 48               | 13                                    | 39                   | 47               | 13                                    | 38                | 50                      | 12 | 32       | 41 | 6                                     | 0                   | 55                    |
| 06/23/09 | 67                   | 59               | 15                                    | 64                   | 57               | 15                                    | 66                   | 58               | 15                                    | 61                   | 54               | 15                                    | 59                   | 51               | 15                                    | 60                   | 54               | 15                                    | 53                   | 53               | 15                                    | 37                   | 45               | 12                                    | 39                   | 46               | 12                                    | 37                | 48                      | 11 | 31       | 41 | 6                                     | 0                   | 54                    |
| 06/24/09 | 73                   | 60               | 15                                    | 65                   | 58               | 15                                    | 66                   | 59               | 15                                    | 63                   | 55               | 15                                    | 60                   | 52               | 15                                    | 61                   | 55               | 15                                    | 58                   | 53               | 15                                    | 37                   | 44               | 11                                    | 37                   | 44               | 11                                    | 35                | 45                      | 10 | 30       | 40 | 5                                     | 0                   | 56                    |
| 06/25/09 | 72                   | 62               | 15                                    | 71                   | 59               | 15                                    | 69                   | 60               | 15                                    | 68                   | 56               | 15                                    | 60                   | 53               | 15                                    | 61                   | 55               | 15                                    | 61                   | 53               | 15                                    | 36                   | 42               | 10                                    | 38                   | 42               | 10                                    | 34                | 43                      | 9  | 28       | 40 | 6                                     | 0                   | 57                    |
| 06/26/09 | 71                   | 63               | 15                                    | 71                   | 60               | 15                                    | 75                   | 61               | 15                                    | 69                   | 58               | 15                                    | 61                   | 54               | 15                                    | 62                   | 56               | 15                                    | 60                   | 54               | 15                                    | 39                   | 41               | 9                                     | 37                   | 41               | 9                                     | 33                | 41                      | 8  | 28       | 39 | 5                                     | 0                   | 58                    |
| 06/27/09 | 73                   | 64               | 15                                    | 70                   | 62               | 15                                    | 75                   | 63               | 15                                    | 71                   | 59               | 15                                    | 63                   | 55               | 15                                    | 63                   | 56               | 15                                    | 61                   | 54               | 15                                    | 44                   | 41               | 9                                     | 39                   | 40               | 8                                     | 35                | 40                      | 7  | 29       | 39 | 6                                     | 0                   | 59                    |
| 06/28/09 | 76                   | 66               | 15                                    | 71                   | 63               | 15                                    | 75                   | 64               | 15                                    | 72                   | 60               | 15                                    | 64                   | 56               | 15                                    | 65                   | 57               | 15                                    | 62                   | 55               | 15                                    | 48                   | 41               | 9                                     | 42                   | 40               | 8                                     | 38                | 39                      | 6  | 32       | 39 | 6                                     | 0                   | 61                    |
| 06/29/09 | 80                   | 67               | 15                                    | 72                   | 64               | 15                                    | 76                   | 66               | 15                                    | 73                   | 61               | 15                                    | 64                   | 57               | 15                                    | 66                   | 58               | 15                                    | 64                   | 55               | 15                                    | 50                   | 41               | 9                                     | 46                   | 40               | 8                                     | 43                | 38                      | 6  | 37       | 39 | 6                                     | 0                   | 63                    |
| 06/30/09 | 84                   | 70               | 15                                    | 77                   | 66               | 15                                    | 79                   | 68               | 15                                    | 73                   | 63               | 15                                    | 65                   | 58               | 15                                    | 68                   | 59               | 15                                    | 65                   | 56               | 15                                    | 52                   | 42               | 9                                     | 49                   | 41               | 8                                     | 46                | 39                      | 6  | 40       | 39 | 6                                     | 0                   | 66                    |
|          |                      |                  |                                       |                      |                  |                                       |                      |                  |                                       |                      |                  |                                       |                      |                  |                                       |                      |                  |                                       |                      |                  |                                       |                      |                  |                                       |                      |                  |                                       |                   |                         |    |          |    |                                       |                     |                       |

**Month:** June  
**Year:** 2009

[illegible]

## Lower Owens River Project Flow Report for 06/01/2009

| LORP Measuring Station                           | Augmenting Flows    |                      | Owens River Flows   |                      |                              |
|--------------------------------------------------|---------------------|----------------------|---------------------|----------------------|------------------------------|
|                                                  | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | # Days of last 15 at 40+ cfs |
| <b>1. Below River Intake (permanent station)</b> |                     |                      | <b>53</b>           | <b>62</b>            | 15                           |
| <b>2. Above Blackrock Ditch Return</b>           |                     |                      | <b>54</b>           | <b>61</b>            | 15                           |
| 3. Blackrock Ditch Return (augmentation point)   | 5                   | 6                    |                     |                      |                              |
| <b>4. East of Goose Lake</b>                     |                     |                      | <b>65</b>           | <b>64</b>            | 15                           |
| 5. Goose Lake Return (return flow)               | 1                   | 1                    |                     |                      |                              |
| <b>6. Two Culverts (5 Culverts)</b>              |                     |                      | <b>79</b>           | <b>60</b>            | 15                           |
| 7. Billy Lake Return (augmentation point)        | 0.9                 | 1                    |                     |                      |                              |
| <b>8. Mazourka Canyon Road</b>                   |                     |                      | <b>78</b>           | <b>54</b>            | 15                           |
| 9. Locust Ditch Return (augmentation point)      | 0                   | 0                    |                     |                      |                              |
| <b>10. Manzanar Reward Road</b>                  |                     |                      | <b>76</b>           | <b>49</b>            | 13                           |
| 11. Georges Ditch Return (augmentation point)    | 8                   | 7                    |                     |                      |                              |
| <b>12. Reinhackle Springs</b>                    |                     |                      | <b>63</b>           | <b>52</b>            | 15                           |
| 13. Alabama Gates Return (augmentation point)    | 0                   | 3                    |                     |                      |                              |
| <b>14. Lone Pine Narrow Gage Road</b>            |                     |                      | <b>47</b>           | <b>44</b>            | 15                           |
| <b>15. Keeler Bridge</b>                         |                     |                      | <b>41</b>           | <b>42</b>            | 12                           |
| 16a. Pump Station                                |                     |                      | 42                  | 38                   |                              |
| 16b. Langemann Gate to Delta                     |                     |                      | 6                   | 6                    |                              |
| 16c. Weir to Delta                               |                     |                      | 0                   | 0                    |                              |
| <b>16. At Pumpback Station <sup>1</sup></b>      |                     |                      | <b>48</b>           | <b>44</b>            | 14                           |
| <b>LORP In Channel Average Flow <sup>2</sup></b> |                     |                      | <b>60</b>           | <b>53</b>            |                              |

Pump Station Month-to-Date Average Flow 42 cfs

### Blackrock Waterfowl Habitat Area

| Flooded Unit       | Area      | Last Collected | Flow Rate | Flow Set Date |
|--------------------|-----------|----------------|-----------|---------------|
| Drew               | 56 Acres  | 05/26/2009     | 4 cfs     | 04/21/2009    |
| Waggoner           | 66 Acres  | 05/27/2009     | 4 cfs     | 04/21/2009    |
| Total Flooded Area | 122 Acres |                |           |               |

(Runoff Year 2009-10 Year-Date Average: 34 Acres - Requirement is 355 Acres)

(Note: Thibaut & Winterton have been shut off, residual flood acreage as of 5/12/09 was 138 acres)

### Off-River Lakes and Ponds

|                           |          |                              |
|---------------------------|----------|------------------------------|
| Upper Twin Lake Gage Read | 2.45 ft  | (Last Collected: 05/26/2009) |
| Lower Twin Lake Gage Read | 2.24 ft  |                              |
| Goose Lake Gage Read      | 2.43 ft  |                              |
| Thibaut Pond Flooded Area | 28 Acres | (Last Collected: 05/28/2009) |

1. Above Pump Station not constructed, the flow is the sum of the Pump station discharge, the Langemann Gate releases to the delta, and flow over the spillway weir to the delta.

2. Currently the average of stations 1,2,4,6,8,10,12,14,15,&16.

Note - All Data shown in this report is from field electronic measuring and data collection devices.

Note - Data contained herein is preliminary and subject to change. Refer to the disclaimer:

<http://wsoweb.ladwp.com/Aqueduct/realtime/disclaimer.htm>

## Lower Owens River Project Flow Report for 06/02/2009

| LORP Measuring Station                           | Augmenting Flows    |                      | Owens River Flows   |                      |                              |
|--------------------------------------------------|---------------------|----------------------|---------------------|----------------------|------------------------------|
|                                                  | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | # Days of last 15 at 40+ cfs |
| <b>1. Below River Intake (permanent station)</b> |                     |                      | <b>53</b>           | <b>62</b>            | 15                           |
| <b>2. Above Blackrock Ditch Return</b>           |                     |                      | <b>48</b>           | <b>61</b>            | 15                           |
| 3. Blackrock Ditch Return (augmentation point)   | 3                   | 5                    |                     |                      |                              |
| <b>4. East of Goose Lake</b>                     |                     |                      | <b>56</b>           | <b>64</b>            | 15                           |
| 5. Goose Lake Return (return flow)               | 1                   | 1                    |                     |                      |                              |
| <b>6. Two Culverts (5 Culverts)</b>              |                     |                      | <b>67</b>           | <b>61</b>            | 15                           |
| 7. Billy Lake Return (augmentation point)        | 1.2                 | 1                    |                     |                      |                              |
| <b>8. Mazourka Canyon Road</b>                   |                     |                      | <b>69</b>           | <b>56</b>            | 15                           |
| 9. Locust Ditch Return (augmentation point)      | 0                   | 0                    |                     |                      |                              |
| <b>10. Manzanar Reward Road</b>                  |                     |                      | <b>84</b>           | <b>52</b>            | 14                           |
| 11. Georges Ditch Return (augmentation point)    | 8                   | 7                    |                     |                      |                              |
| <b>12. Reinhackle Springs</b>                    |                     |                      | <b>73</b>           | <b>53</b>            | 15                           |
| 13. Alabama Gates Return (augmentation point)    | 0                   | 2                    |                     |                      |                              |
| <b>14. Lone Pine Narrow Gage Road</b>            |                     |                      | <b>48</b>           | <b>45</b>            | 15                           |
| <b>15. Keeler Bridge</b>                         |                     |                      | <b>44</b>           | <b>42</b>            | 13                           |
| 16a. Pump Station                                |                     |                      | 44                  | 39                   |                              |
| 16b. Langemann Gate to Delta                     |                     |                      | 5                   | 6                    |                              |
| 16c. Weir to Delta                               |                     |                      | 0                   | 0                    |                              |
| <b>16. At Pumpback Station <sup>1</sup></b>      |                     |                      | <b>49</b>           | <b>45</b>            | 15                           |
| <b>LORP In Channel Average Flow <sup>2</sup></b> |                     |                      | <b>59</b>           | <b>54</b>            |                              |

Pump Station Month-to-Date Average Flow 43 cfs

### Blackrock Waterfowl Habitat Area

| Flooded Unit       | Area      | Last Collected | Flow Rate | Flow Set Date |
|--------------------|-----------|----------------|-----------|---------------|
| Drew               | 56 Acres  | 05/26/2009     | 4 cfs     | 04/21/2009    |
| Waggoner           | 66 Acres  | 05/27/2009     | 4 cfs     | 04/21/2009    |
| Total Flooded Area | 122 Acres |                |           |               |

(Runoff Year 2009-10 Year-Date Average: 34 Acres - Requirement is 355 Acres)

(Note: Thibaut & Winterton have been shut off, residual flood acreage as of 5/12/09 was 138 acres)

### Off-River Lakes and Ponds

|                           |          |                              |
|---------------------------|----------|------------------------------|
| Upper Twin Lake Gage Read | 2.45 ft  | (Last Collected: 05/26/2009) |
| Lower Twin Lake Gage Read | 2.24 ft  |                              |
| Goose Lake Gage Read      | 2.43 ft  |                              |
| Thibaut Pond Flooded Area | 28 Acres | (Last Collected: 05/28/2009) |

1. Above Pump Station not constructed, the flow is the sum of the Pump station discharge, the Langemann Gate releases to the delta, and flow over the spillway weir to the delta.

2. Currently the average of stations 1,2,4,6,8,10,12,14,15,&16.

Note - All Data shown in this report is from field electronic measuring and data collection devices.

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## Lower Owens River Project Flow Report for 06/03/2009

| LORP Measuring Station                           | Augmenting Flows    |                      | Owens River Flows   |                      |                              |
|--------------------------------------------------|---------------------|----------------------|---------------------|----------------------|------------------------------|
|                                                  | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | # Days of last 15 at 40+ cfs |
| <b>1. Below River Intake (permanent station)</b> |                     |                      | <b>53</b>           | <b>63</b>            | 15                           |
| <b>2. Above Blackrock Ditch Return</b>           |                     |                      | <b>49</b>           | <b>61</b>            | 15                           |
| 3. Blackrock Ditch Return (augmentation point)   | 2                   | 5                    |                     |                      |                              |
| <b>4. East of Goose Lake</b>                     |                     |                      | <b>51</b>           | <b>64</b>            | 15                           |
| 5. Goose Lake Return (return flow)               | 1                   | 1                    |                     |                      |                              |
| <b>6. Two Culverts (5 Culverts)</b>              |                     |                      | <b>58</b>           | <b>62</b>            | 15                           |
| 7. Billy Lake Return (augmentation point)        | 1.2                 | 1                    |                     |                      |                              |
| <b>8. Mazourka Canyon Road</b>                   |                     |                      | <b>61</b>           | <b>57</b>            | 15                           |
| 9. Locust Ditch Return (augmentation point)      | 0                   | 0                    |                     |                      |                              |
| <b>10. Manzanar Reward Road</b>                  |                     |                      | <b>83</b>           | <b>55</b>            | 15                           |
| 11. Georges Ditch Return (augmentation point)    | 8                   | 7                    |                     |                      |                              |
| <b>12. Reinhackle Springs</b>                    |                     |                      | <b>76</b>           | <b>55</b>            | 15                           |
| 13. Alabama Gates Return (augmentation point)    | 0                   | 2                    |                     |                      |                              |
| <b>14. Lone Pine Narrow Gage Road</b>            |                     |                      | <b>50</b>           | <b>45</b>            | 15                           |
| <b>15. Keeler Bridge</b>                         |                     |                      | <b>47</b>           | <b>43</b>            | 14                           |
| 16a. Pump Station                                |                     |                      | 42                  | 39                   |                              |
| 16b. Langemann Gate to Delta                     |                     |                      | 5                   | 6                    |                              |
| 16c. Weir to Delta                               |                     |                      | 0                   | 0                    |                              |
| <b>16. At Pumpback Station <sup>1</sup></b>      |                     |                      | <b>47</b>           | <b>45</b>            | 15                           |
| <b>LORP In Channel Average Flow <sup>2</sup></b> |                     |                      | <b>57</b>           | <b>54</b>            |                              |

Pump Station Month-to-Date Average Flow 43 cfs

### Blackrock Waterfowl Habitat Area

| Flooded Unit       | Area      | Last Collected | Flow Rate | Flow Set Date |
|--------------------|-----------|----------------|-----------|---------------|
| Drew               | 56 Acres  | 05/26/2009     | 4 cfs     | 04/21/2009    |
| Waggoner           | 66 Acres  | 05/27/2009     | 4 cfs     | 04/21/2009    |
| Total Flooded Area | 122 Acres |                |           |               |

(Runoff Year 2009-10 Year-Date Average: 34 Acres - Requirement is 355 Acres)

(Note: Thibaut & Winterton have been shut off, residual flood acreage as of 5/12/09 was 138 acres)

### Off-River Lakes and Ponds

|                           |          |                              |
|---------------------------|----------|------------------------------|
| Upper Twin Lake Gage Read | 2.45 ft  | (Last Collected: 05/26/2009) |
| Lower Twin Lake Gage Read | 2.24 ft  |                              |
| Goose Lake Gage Read      | 2.43 ft  |                              |
| Thibaut Pond Flooded Area | 28 Acres | (Last Collected: 05/28/2009) |

1. Above Pump Station not constructed, the flow is the sum of the Pump station discharge, the Langemann Gate releases to the delta, and flow over the spillway weir to the delta.

2. Currently the average of stations 1,2,4,6,8,10,12,14,15,&16.

Note - All Data shown in this report is from field electronic measuring and data collection devices.

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## Lower Owens River Project Flow Report for 06/04/2009

| LORP Measuring Station                           | Augmenting Flows    |                      | Owens River Flows   |                      |                              |
|--------------------------------------------------|---------------------|----------------------|---------------------|----------------------|------------------------------|
|                                                  | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | # Days of last 15 at 40+ cfs |
| <b>1. Below River Intake (permanent station)</b> |                     |                      | <b>53</b>           | <b>63</b>            | 15                           |
| <b>2. Above Blackrock Ditch Return</b>           |                     |                      | <b>49</b>           | <b>61</b>            | 15                           |
| 3. Blackrock Ditch Return (augmentation point)   | 2                   | 5                    |                     |                      |                              |
| <b>4. East of Goose Lake</b>                     |                     |                      | <b>51</b>           | <b>64</b>            | 15                           |
| 5. Goose Lake Return (return flow)               | 1                   | 1                    |                     |                      |                              |
| <b>6. Two Culverts (5 Culverts)</b>              |                     |                      | <b>54</b>           | <b>62</b>            | 15                           |
| 7. Billy Lake Return (augmentation point)        | 1.1                 | 1                    |                     |                      |                              |
| <b>8. Mazourka Canyon Road</b>                   |                     |                      | <b>55</b>           | <b>58</b>            | 15                           |
| 9. Locust Ditch Return (augmentation point)      | 0                   | 0                    |                     |                      |                              |
| <b>10. Manzanar Reward Road</b>                  |                     |                      | <b>77</b>           | <b>58</b>            | 15                           |
| 11. Georges Ditch Return (augmentation point)    | 8                   | 7                    |                     |                      |                              |
| <b>12. Reinhackle Springs</b>                    |                     |                      | <b>89</b>           | <b>57</b>            | 15                           |
| 13. Alabama Gates Return (augmentation point)    | 0                   | 1                    |                     |                      |                              |
| <b>14. Lone Pine Narrow Gage Road</b>            |                     |                      | <b>55</b>           | <b>46</b>            | 15                           |
| <b>15. Keeler Bridge</b>                         |                     |                      | <b>47</b>           | <b>43</b>            | 14                           |
| 16a. Pump Station                                |                     |                      | 45                  | 40                   |                              |
| 16b. Langemann Gate to Delta                     |                     |                      | 5                   | 6                    |                              |
| 16c. Weir to Delta                               |                     |                      | 0                   | 0                    |                              |
| <b>16. At Pumpback Station <sup>1</sup></b>      |                     |                      | <b>50</b>           | <b>46</b>            | 15                           |
| <b>LORP In Channel Average Flow <sup>2</sup></b> |                     |                      | <b>58</b>           | <b>55</b>            |                              |

Pump Station Month-to-Date Average Flow 43 cfs

### Blackrock Waterfowl Habitat Area

| Flooded Unit       | Area      | Last Collected | Flow Rate | Flow Set Date |
|--------------------|-----------|----------------|-----------|---------------|
| Drew               | 56 Acres  | 05/26/2009     | 4 cfs     | 04/21/2009    |
| Waggoner           | 66 Acres  | 05/27/2009     | 4 cfs     | 04/21/2009    |
| Total Flooded Area | 122 Acres |                |           |               |

(Runoff Year 2009-10 Year-Date Average: 34 Acres - Requirement is 355 Acres)

(Note: Thibaut & Winterton have been shut off, residual flood acreage as of 5/12/09 was 138 acres)

### Off-River Lakes and Ponds

|                           |          |                              |
|---------------------------|----------|------------------------------|
| Upper Twin Lake Gage Read | 2.45 ft  | (Last Collected: 05/26/2009) |
| Lower Twin Lake Gage Read | 2.24 ft  |                              |
| Goose Lake Gage Read      | 2.43 ft  |                              |
| Thibaut Pond Flooded Area | 28 Acres | (Last Collected: 05/28/2009) |

1. Above Pump Station not constructed, the flow is the sum of the Pump station discharge, the Langemann Gate releases to the delta, and flow over the spillway weir to the delta.

2. Currently the average of stations 1,2,4,6,8,10,12,14,15,&16.

Note - All Data shown in this report is from field electronic measuring and data collection devices.

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## Lower Owens River Project Flow Report for 06/05/2009

| LORP Measuring Station                           | Augmenting Flows    |                      | Owens River Flows   |                      |                              |
|--------------------------------------------------|---------------------|----------------------|---------------------|----------------------|------------------------------|
|                                                  | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | # Days of last 15 at 40+ cfs |
| <b>1. Below River Intake (permanent station)</b> |                     |                      | <b>52</b>           | <b>63</b>            | 15                           |
| <b>2. Above Blackrock Ditch Return</b>           |                     |                      | <b>49</b>           | <b>61</b>            | 15                           |
| 3. Blackrock Ditch Return (augmentation point)   | 2                   | 4                    |                     |                      |                              |
| <b>4. East of Goose Lake</b>                     |                     |                      | <b>50</b>           | <b>64</b>            | 15                           |
| 5. Goose Lake Return (return flow)               | 1                   | 1                    |                     |                      |                              |
| <b>6. Two Culverts (5 Culverts)</b>              |                     |                      | <b>52</b>           | <b>63</b>            | 15                           |
| 7. Billy Lake Return (augmentation point)        | 1                   | 1                    |                     |                      |                              |
| <b>8. Mazourka Canyon Road</b>                   |                     |                      | <b>52</b>           | <b>58</b>            | 15                           |
| 9. Locust Ditch Return (augmentation point)      | 0                   | 0                    |                     |                      |                              |
| <b>10. Manzanar Reward Road</b>                  |                     |                      | <b>69</b>           | <b>59</b>            | 15                           |
| 11. Georges Ditch Return (augmentation point)    | 8                   | 7                    |                     |                      |                              |
| <b>12. Reinhackle Springs</b>                    |                     |                      | <b>83</b>           | <b>60</b>            | 15                           |
| 13. Alabama Gates Return (augmentation point)    | 0                   | 0                    |                     |                      |                              |
| <b>14. Lone Pine Narrow Gage Road</b>            |                     |                      | <b>64</b>           | <b>48</b>            | 15                           |
| <b>15. Keeler Bridge</b>                         |                     |                      | <b>51</b>           | <b>44</b>            | 15                           |
| 16a. Pump Station                                |                     |                      | 45                  | 40                   |                              |
| 16b. Langemann Gate to Delta                     |                     |                      | 6                   | 6                    |                              |
| 16c. Weir to Delta                               |                     |                      | 0                   | 0                    |                              |
| <b>16. At Pumpback Station <sup>1</sup></b>      |                     |                      | <b>51</b>           | <b>46</b>            | 15                           |
| <b>LORP In Channel Average Flow <sup>2</sup></b> |                     |                      | <b>57</b>           | <b>56</b>            |                              |

Pump Station Month-to-Date Average Flow 44 cfs

### Blackrock Waterfowl Habitat Area

| Flooded Unit       | Area      | Last Collected | Flow Rate | Flow Set Date |
|--------------------|-----------|----------------|-----------|---------------|
| Drew               | 56 Acres  | 05/26/2009     | 4 cfs     | 04/21/2009    |
| Waggoner           | 66 Acres  | 05/27/2009     | 4 cfs     | 04/21/2009    |
| Total Flooded Area | 122 Acres |                |           |               |

(Runoff Year 2009-10 Year-Date Average: 34 Acres - Requirement is 355 Acres)

(Note: Thibaut & Winterton have been shut off, residual flood acreage as of 5/12/09 was 138 acres)

### Off-River Lakes and Ponds

|                           |          |                              |
|---------------------------|----------|------------------------------|
| Upper Twin Lake Gage Read | 2.45 ft  | (Last Collected: 05/26/2009) |
| Lower Twin Lake Gage Read | 2.24 ft  |                              |
| Goose Lake Gage Read      | 2.43 ft  |                              |
| Thibaut Pond Flooded Area | 28 Acres | (Last Collected: 05/28/2009) |

1. Above Pump Station not constructed, the flow is the sum of the Pump station discharge, the Langemann Gate releases to the delta, and flow over the spillway weir to the delta.

2. Currently the average of stations 1,2,4,6,8,10,12,14,15,&16.

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## Lower Owens River Project Flow Report for 06/06/2009

| LORP Measuring Station                           | Augmenting Flows    |                      | Owens River Flows   |                      |                              |
|--------------------------------------------------|---------------------|----------------------|---------------------|----------------------|------------------------------|
|                                                  | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | # Days of last 15 at 40+ cfs |
| <b>1. Below River Intake (permanent station)</b> |                     |                      | <b>53</b>           | <b>64</b>            | 15                           |
| <b>2. Above Blackrock Ditch Return</b>           |                     |                      | <b>53</b>           | <b>61</b>            | 15                           |
| 3. Blackrock Ditch Return (augmentation point)   | 2                   | 4                    |                     |                      |                              |
| <b>4. East of Goose Lake</b>                     |                     |                      | <b>50</b>           | <b>63</b>            | 15                           |
| 5. Goose Lake Return (return flow)               | 1                   | 1                    |                     |                      |                              |
| <b>6. Two Culverts (5 Culverts)</b>              |                     |                      | <b>51</b>           | <b>63</b>            | 15                           |
| 7. Billy Lake Return (augmentation point)        | 1                   | 1                    |                     |                      |                              |
| <b>8. Mazourka Canyon Road</b>                   |                     |                      | <b>51</b>           | <b>58</b>            | 15                           |
| 9. Locust Ditch Return (augmentation point)      | 0                   | 0                    |                     |                      |                              |
| <b>10. Manzanar Reward Road</b>                  |                     |                      | <b>63</b>           | <b>60</b>            | 15                           |
| 11. Georges Ditch Return (augmentation point)    | 8                   | 7                    |                     |                      |                              |
| <b>12. Reinhackle Springs</b>                    |                     |                      | <b>69</b>           | <b>61</b>            | 15                           |
| 13. Alabama Gates Return (augmentation point)    | 0                   | 0                    |                     |                      |                              |
| <b>14. Lone Pine Narrow Gage Road</b>            |                     |                      | <b>70</b>           | <b>49</b>            | 15                           |
| <b>15. Keeler Bridge</b>                         |                     |                      | <b>56</b>           | <b>45</b>            | 15                           |
| 16a. Pump Station                                |                     |                      | 46                  | 41                   |                              |
| 16b. Langemann Gate to Delta                     |                     |                      | 6                   | 6                    |                              |
| 16c. Weir to Delta                               |                     |                      | 3                   | 0                    |                              |
| <b>16. At Pumpback Station <sup>1</sup></b>      |                     |                      | <b>55</b>           | <b>47</b>            | 15                           |
| <b>LORP In Channel Average Flow <sup>2</sup></b> |                     |                      | <b>57</b>           | <b>57</b>            |                              |

Pump Station Month-to-Date Average Flow 44 cfs

### Blackrock Waterfowl Habitat Area

| Flooded Unit       | Area      | Last Collected | Flow Rate | Flow Set Date |
|--------------------|-----------|----------------|-----------|---------------|
| Drew               | 56 Acres  | 05/26/2009     | 4 cfs     | 04/21/2009    |
| Waggoner           | 66 Acres  | 05/27/2009     | 4 cfs     | 04/21/2009    |
| Total Flooded Area | 122 Acres |                |           |               |

(Runoff Year 2009-10 Year-Date Average: 34 Acres - Requirement is 355 Acres)

(Note: Thibaut & Winterton have been shut off, residual flood acreage as of 5/12/09 was 138 acres)

### Off-River Lakes and Ponds

|                           |          |                              |
|---------------------------|----------|------------------------------|
| Upper Twin Lake Gage Read | 2.45 ft  | (Last Collected: 05/26/2009) |
| Lower Twin Lake Gage Read | 2.24 ft  |                              |
| Goose Lake Gage Read      | 2.43 ft  |                              |
| Thibaut Pond Flooded Area | 28 Acres | (Last Collected: 05/28/2009) |

1. Above Pump Station not constructed, the flow is the sum of the Pump station discharge, the Langemann Gate releases to the delta, and flow over the spillway weir to the delta.

2. Currently the average of stations 1,2,4,6,8,10,12,14,15,&16.

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## Lower Owens River Project Flow Report for 06/07/2009

| LORP Measuring Station                           | Augmenting Flows    |                      | Owens River Flows   |                      |                              |
|--------------------------------------------------|---------------------|----------------------|---------------------|----------------------|------------------------------|
|                                                  | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | # Days of last 15 at 40+ cfs |
| <b>1. Below River Intake (permanent station)</b> |                     |                      | <b>52</b>           | <b>64</b>            | 15                           |
| <b>2. Above Blackrock Ditch Return</b>           |                     |                      | <b>50</b>           | <b>61</b>            | 15                           |
| 3. Blackrock Ditch Return (augmentation point)   | 2                   | 4                    |                     |                      |                              |
| <b>4. East of Goose Lake</b>                     |                     |                      | <b>52</b>           | <b>63</b>            | 15                           |
| 5. Goose Lake Return (return flow)               | 1                   | 1                    |                     |                      |                              |
| <b>6. Two Culverts (5 Culverts)</b>              |                     |                      | <b>52</b>           | <b>63</b>            | 15                           |
| 7. Billy Lake Return (augmentation point)        | 0.9                 | 1                    |                     |                      |                              |
| <b>8. Mazourka Canyon Road</b>                   |                     |                      | <b>50</b>           | <b>58</b>            | 15                           |
| 9. Locust Ditch Return (augmentation point)      | 0                   | 0                    |                     |                      |                              |
| <b>10. Manzanar Reward Road</b>                  |                     |                      | <b>58</b>           | <b>61</b>            | 15                           |
| 11. Georges Ditch Return (augmentation point)    | 8                   | 8                    |                     |                      |                              |
| <b>12. Reinhackle Springs</b>                    |                     |                      | <b>67</b>           | <b>62</b>            | 15                           |
| 13. Alabama Gates Return (augmentation point)    | 0                   | 0                    |                     |                      |                              |
| <b>14. Lone Pine Narrow Gage Road</b>            |                     |                      | <b>71</b>           | <b>51</b>            | 15                           |
| <b>15. Keeler Bridge</b>                         |                     |                      | <b>64</b>           | <b>46</b>            | 15                           |
| 16a. Pump Station                                |                     |                      | 46                  | 41                   |                              |
| 16b. Langemann Gate to Delta                     |                     |                      | 6                   | 6                    |                              |
| 16c. Weir to Delta                               |                     |                      | 13                  | 1                    |                              |
| <b>16. At Pumpback Station <sup>1</sup></b>      |                     |                      | <b>65</b>           | <b>48</b>            | 15                           |
| <b>LORP In Channel Average Flow <sup>2</sup></b> |                     |                      | <b>58</b>           | <b>57</b>            |                              |

Pump Station Month-to-Date Average Flow 44 cfs

### Blackrock Waterfowl Habitat Area

| Flooded Unit       | Area      | Last Collected | Flow Rate | Flow Set Date |
|--------------------|-----------|----------------|-----------|---------------|
| Drew               | 56 Acres  | 05/26/2009     | 4 cfs     | 04/21/2009    |
| Waggoner           | 66 Acres  | 05/27/2009     | 4 cfs     | 04/21/2009    |
| Total Flooded Area | 122 Acres |                |           |               |

(Runoff Year 2009-10 Year-Date Average: 34 Acres - Requirement is 355 Acres)

(Note: Thibaut & Winterton have been shut off, residual flood acreage as of 5/12/09 was 138 acres)

### Off-River Lakes and Ponds

|                           |          |                              |
|---------------------------|----------|------------------------------|
| Upper Twin Lake Gage Read | 2.45 ft  | (Last Collected: 05/26/2009) |
| Lower Twin Lake Gage Read | 2.24 ft  |                              |
| Goose Lake Gage Read      | 2.43 ft  |                              |
| Thibaut Pond Flooded Area | 28 Acres | (Last Collected: 05/28/2009) |

1. Above Pump Station not constructed, the flow is the sum of the Pump station discharge, the Langemann Gate releases to the delta, and flow over the spillway weir to the delta.

2. Currently the average of stations 1,2,4,6,8,10,12,14,15,&16.

Note - All Data shown in this report is from field electronic measuring and data collection devices.

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## Lower Owens River Project Flow Report for 06/08/2009

| LORP Measuring Station                           | Augmenting Flows    |                      | Owens River Flows   |                      |                              |
|--------------------------------------------------|---------------------|----------------------|---------------------|----------------------|------------------------------|
|                                                  | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | # Days of last 15 at 40+ cfs |
| <b>1. Below River Intake (permanent station)</b> |                     |                      | <b>53</b>           | <b>64</b>            | 15                           |
| <b>2. Above Blackrock Ditch Return</b>           |                     |                      | <b>49</b>           | <b>61</b>            | 15                           |
| 3. Blackrock Ditch Return (augmentation point)   | 2                   | 4                    |                     |                      |                              |
| <b>4. East of Goose Lake</b>                     |                     |                      | <b>50</b>           | <b>63</b>            | 15                           |
| 5. Goose Lake Return (return flow)               | 1                   | 1                    |                     |                      |                              |
| <b>6. Two Culverts (5 Culverts)</b>              |                     |                      | <b>51</b>           | <b>63</b>            | 15                           |
| 7. Billy Lake Return (augmentation point)        | 0.9                 | 1                    |                     |                      |                              |
| <b>8. Mazourka Canyon Road</b>                   |                     |                      | <b>50</b>           | <b>59</b>            | 15                           |
| 9. Locust Ditch Return (augmentation point)      | 0                   | 0                    |                     |                      |                              |
| <b>10. Manzanar Reward Road</b>                  |                     |                      | <b>56</b>           | <b>62</b>            | 15                           |
| 11. Georges Ditch Return (augmentation point)    | 5                   | 7                    |                     |                      |                              |
| <b>12. Reinhackle Springs</b>                    |                     |                      | <b>66</b>           | <b>63</b>            | 15                           |
| 13. Alabama Gates Return (augmentation point)    | 0                   | 0                    |                     |                      |                              |
| <b>14. Lone Pine Narrow Gage Road</b>            |                     |                      | <b>70</b>           | <b>53</b>            | 15                           |
| <b>15. Keeler Bridge</b>                         |                     |                      | <b>65</b>           | <b>48</b>            | 15                           |
| 16a. Pump Station                                |                     |                      | 46                  | 42                   |                              |
| 16b. Langemann Gate to Delta                     |                     |                      | 6                   | 6                    |                              |
| 16c. Weir to Delta                               |                     |                      | 16                  | 2                    |                              |
| <b>16. At Pumpback Station <sup>1</sup></b>      |                     |                      | <b>68</b>           | <b>50</b>            | 15                           |
| <b>LORP In Channel Average Flow <sup>2</sup></b> |                     |                      | <b>57</b>           | <b>58</b>            |                              |

Pump Station Month-to-Date Average Flow 45 cfs

### Blackrock Waterfowl Habitat Area

| Flooded Unit       | Area      | Last Collected | Flow Rate | Flow Set Date |
|--------------------|-----------|----------------|-----------|---------------|
| Drew               | 56 Acres  | 05/26/2009     | 4 cfs     | 04/21/2009    |
| Waggoner           | 66 Acres  | 05/27/2009     | 4 cfs     | 04/21/2009    |
| Total Flooded Area | 122 Acres |                |           |               |

(Runoff Year 2009-10 Year-Date Average: 34 Acres - Requirement is 355 Acres)

(Note: Thibaut & Winterton have been shut off, residual flood acreage as of 5/12/09 was 138 acres)

### Off-River Lakes and Ponds

|                           |          |                              |
|---------------------------|----------|------------------------------|
| Upper Twin Lake Gage Read | 2.43 ft  | (Last Collected: 06/08/2009) |
| Lower Twin Lake Gage Read | 2.24 ft  |                              |
| Goose Lake Gage Read      | 2.47 ft  |                              |
| Thibaut Pond Flooded Area | 28 Acres | (Last Collected: 05/28/2009) |

1. Above Pump Station not constructed, the flow is the sum of the Pump station discharge, the Langemann Gate releases to the delta, and flow over the spillway weir to the delta.

2. Currently the average of stations 1,2,4,6,8,10,12,14,15,&16.

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## Lower Owens River Project Flow Report for 06/09/2009

| LORP Measuring Station                           | Augmenting Flows    |                      | Owens River Flows   |                      |                              |
|--------------------------------------------------|---------------------|----------------------|---------------------|----------------------|------------------------------|
|                                                  | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | # Days of last 15 at 40+ cfs |
| <b>1. Below River Intake (permanent station)</b> |                     |                      | <b>53</b>           | <b>64</b>            | 15                           |
| <b>2. Above Blackrock Ditch Return</b>           |                     |                      | <b>50</b>           | <b>60</b>            | 15                           |
| 3. Blackrock Ditch Return (augmentation point)   | 2                   | 3                    |                     |                      |                              |
| <b>4. East of Goose Lake</b>                     |                     |                      | <b>49</b>           | <b>62</b>            | 15                           |
| 5. Goose Lake Return (return flow)               | 1                   | 1                    |                     |                      |                              |
| <b>6. Two Culverts (5 Culverts)</b>              |                     |                      | <b>50</b>           | <b>63</b>            | 15                           |
| 7. Billy Lake Return (augmentation point)        | 0.9                 | 1                    |                     |                      |                              |
| <b>8. Mazourka Canyon Road</b>                   |                     |                      | <b>49</b>           | <b>59</b>            | 15                           |
| 9. Locust Ditch Return (augmentation point)      | 0                   | 0                    |                     |                      |                              |
| <b>10. Manzanar Reward Road</b>                  |                     |                      | <b>54</b>           | <b>62</b>            | 15                           |
| 11. Georges Ditch Return (augmentation point)    | 0                   | 7                    |                     |                      |                              |
| <b>12. Reinhackle Springs</b>                    |                     |                      | <b>58</b>           | <b>64</b>            | 15                           |
| 13. Alabama Gates Return (augmentation point)    | 0                   | 0                    |                     |                      |                              |
| <b>14. Lone Pine Narrow Gage Road</b>            |                     |                      | <b>65</b>           | <b>54</b>            | 15                           |
| <b>15. Keeler Bridge</b>                         |                     |                      | <b>62</b>           | <b>49</b>            | 15                           |
| 16a. Pump Station                                |                     |                      | 47                  | 42                   |                              |
| 16b. Langemann Gate to Delta                     |                     |                      | 6                   | 6                    |                              |
| 16c. Weir to Delta                               |                     |                      | 16                  | 3                    |                              |
| <b>16. At Pumpback Station <sup>1</sup></b>      |                     |                      | <b>69</b>           | <b>51</b>            | 15                           |
| <b>LORP In Channel Average Flow <sup>2</sup></b> |                     |                      | <b>55</b>           | <b>58</b>            |                              |

Pump Station Month-to-Date Average Flow 45 cfs

### Blackrock Waterfowl Habitat Area

| Flooded Unit       | Area      | Last Collected | Flow Rate | Flow Set Date |
|--------------------|-----------|----------------|-----------|---------------|
| Drew               | 56 Acres  | 05/26/2009     | 4 cfs     | 04/21/2009    |
| Waggoner           | 66 Acres  | 05/27/2009     | 4 cfs     | 04/21/2009    |
| Total Flooded Area | 122 Acres |                |           |               |

(Runoff Year 2009-10 Year-Date Average: 34 Acres - Requirement is 355 Acres)

(Note: Thibaut & Winterton have been shut off, residual flood acreage as of 5/12/09 was 138 acres)

### Off-River Lakes and Ponds

|                           |          |                              |
|---------------------------|----------|------------------------------|
| Upper Twin Lake Gage Read | 2.43 ft  | (Last Collected: 06/08/2009) |
| Lower Twin Lake Gage Read | 2.24 ft  |                              |
| Goose Lake Gage Read      | 2.47 ft  |                              |
| Thibaut Pond Flooded Area | 28 Acres | (Last Collected: 05/28/2009) |

1. Above Pump Station not constructed, the flow is the sum of the Pump station discharge, the Langemann Gate releases to the delta, and flow over the spillway weir to the delta.

2. Currently the average of stations 1,2,4,6,8,10,12,14,15,&16.

Note - All Data shown in this report is from field electronic measuring and data collection devices.

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## Lower Owens River Project Flow Report for 06/10/2009

| LORP Measuring Station                           | Augmenting Flows    |                      | Owens River Flows   |                      |                              |
|--------------------------------------------------|---------------------|----------------------|---------------------|----------------------|------------------------------|
|                                                  | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | # Days of last 15 at 40+ cfs |
| <b>1. Below River Intake (permanent station)</b> |                     |                      | <b>54</b>           | <b>63</b>            | 15                           |
| <b>2. Above Blackrock Ditch Return</b>           |                     |                      | <b>53</b>           | <b>60</b>            | 15                           |
| 3. Blackrock Ditch Return (augmentation point)   | 3                   | 3                    |                     |                      |                              |
| <b>4. East of Goose Lake</b>                     |                     |                      | <b>51</b>           | <b>61</b>            | 15                           |
| 5. Goose Lake Return (return flow)               | 1                   | 1                    |                     |                      |                              |
| <b>6. Two Culverts (5 Culverts)</b>              |                     |                      | <b>50</b>           | <b>63</b>            | 15                           |
| 7. Billy Lake Return (augmentation point)        | 0.9                 | 1                    |                     |                      |                              |
| <b>8. Mazourka Canyon Road</b>                   |                     |                      | <b>49</b>           | <b>59</b>            | 15                           |
| 9. Locust Ditch Return (augmentation point)      | 0                   | 0                    |                     |                      |                              |
| <b>10. Manzanar Reward Road</b>                  |                     |                      | <b>54</b>           | <b>63</b>            | 15                           |
| 11. Georges Ditch Return (augmentation point)    | 0                   | 6                    |                     |                      |                              |
| <b>12. Reinhackle Springs</b>                    |                     |                      | <b>55</b>           | <b>64</b>            | 15                           |
| 13. Alabama Gates Return (augmentation point)    | 0                   | 0                    |                     |                      |                              |
| <b>14. Lone Pine Narrow Gage Road</b>            |                     |                      | <b>60</b>           | <b>55</b>            | 15                           |
| <b>15. Keeler Bridge</b>                         |                     |                      | <b>61</b>           | <b>50</b>            | 15                           |
| 16a. Pump Station                                |                     |                      | 47                  | 43                   |                              |
| 16b. Langemann Gate to Delta                     |                     |                      | 5                   | 6                    |                              |
| 16c. Weir to Delta                               |                     |                      | 14                  | 4                    |                              |
| <b>16. At Pumpback Station <sup>1</sup></b>      |                     |                      | <b>66</b>           | <b>53</b>            | 15                           |
| <b>LORP In Channel Average Flow <sup>2</sup></b> |                     |                      | <b>55</b>           | <b>59</b>            |                              |

Pump Station Month-to-Date Average Flow 45 cfs

### Blackrock Waterfowl Habitat Area

| Flooded Unit       | Area      | Last Collected | Flow Rate | Flow Set Date |
|--------------------|-----------|----------------|-----------|---------------|
| Drew               | 56 Acres  | 05/26/2009     | 4 cfs     | 04/21/2009    |
| Waggoner           | 66 Acres  | 05/27/2009     | 4 cfs     | 04/21/2009    |
| Total Flooded Area | 122 Acres |                |           |               |

(Runoff Year 2009-10 Year-Date Average: 34 Acres - Requirement is 355 Acres)

(Note: Thibaut & Winterton have been shut off, residual flood acreage as of 5/12/09 was 138 acres)

### Off-River Lakes and Ponds

|                           |          |                              |
|---------------------------|----------|------------------------------|
| Upper Twin Lake Gage Read | 2.43 ft  | (Last Collected: 06/08/2009) |
| Lower Twin Lake Gage Read | 2.24 ft  |                              |
| Goose Lake Gage Read      | 2.47 ft  |                              |
| Thibaut Pond Flooded Area | 28 Acres | (Last Collected: 05/28/2009) |

1. Above Pump Station not constructed, the flow is the sum of the Pump station discharge, the Langemann Gate releases to the delta, and flow over the spillway weir to the delta.

2. Currently the average of stations 1,2,4,6,8,10,12,14,15,&16.

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## Lower Owens River Project Flow Report for 06/11/2009

| LORP Measuring Station                           | Augmenting Flows    |                      | Owens River Flows   |                      |                              |
|--------------------------------------------------|---------------------|----------------------|---------------------|----------------------|------------------------------|
|                                                  | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | # Days of last 15 at 40+ cfs |
| <b>1. Below River Intake (permanent station)</b> |                     |                      | <b>53</b>           | <b>60</b>            | 15                           |
| <b>2. Above Blackrock Ditch Return</b>           |                     |                      | <b>54</b>           | <b>59</b>            | 15                           |
| 3. Blackrock Ditch Return (augmentation point)   | 4                   | 3                    |                     |                      |                              |
| <b>4. East of Goose Lake</b>                     |                     |                      | <b>54</b>           | <b>61</b>            | 15                           |
| 5. Goose Lake Return (return flow)               | 1                   | 1                    |                     |                      |                              |
| <b>6. Two Culverts (5 Culverts)</b>              |                     |                      | <b>52</b>           | <b>63</b>            | 15                           |
| 7. Billy Lake Return (augmentation point)        | 0.8                 | 1                    |                     |                      |                              |
| <b>8. Mazourka Canyon Road</b>                   |                     |                      | <b>49</b>           | <b>59</b>            | 15                           |
| 9. Locust Ditch Return (augmentation point)      | 0                   | 0                    |                     |                      |                              |
| <b>10. Manzanar Reward Road</b>                  |                     |                      | <b>55</b>           | <b>63</b>            | 15                           |
| 11. Georges Ditch Return (augmentation point)    | 0                   | 6                    |                     |                      |                              |
| <b>12. Reinhackle Springs</b>                    |                     |                      | <b>55</b>           | <b>64</b>            | 15                           |
| 13. Alabama Gates Return (augmentation point)    | 0                   | 0                    |                     |                      |                              |
| <b>14. Lone Pine Narrow Gage Road</b>            |                     |                      | <b>55</b>           | <b>56</b>            | 15                           |
| <b>15. Keeler Bridge</b>                         |                     |                      | <b>57</b>           | <b>51</b>            | 15                           |
| 16a. Pump Station                                |                     |                      | 46                  | 43                   |                              |
| 16b. Langemann Gate to Delta                     |                     |                      | 6                   | 6                    |                              |
| 16c. Weir to Delta                               |                     |                      | 11                  | 5                    |                              |
| <b>16. At Pumpback Station <sup>1</sup></b>      |                     |                      | <b>63</b>           | <b>54</b>            | 15                           |
| <b>LORP In Channel Average Flow <sup>2</sup></b> |                     |                      | <b>54</b>           | <b>58</b>            |                              |

Pump Station Month-to-Date Average Flow 45 cfs

### Blackrock Waterfowl Habitat Area

| Flooded Unit       | Area      | Last Collected | Flow Rate | Flow Set Date |
|--------------------|-----------|----------------|-----------|---------------|
| Drew               | 56 Acres  | 05/26/2009     | 4 cfs     | 04/21/2009    |
| Waggoner           | 66 Acres  | 05/27/2009     | 4 cfs     | 04/21/2009    |
| Total Flooded Area | 122 Acres |                |           |               |

(Runoff Year 2009-10 Year-Date Average: 34 Acres - Requirement is 355 Acres)

(Note: Thibaut & Winterton have been shut off, residual flood acreage as of 5/12/09 was 138 acres)

### Off-River Lakes and Ponds

|                           |          |                              |
|---------------------------|----------|------------------------------|
| Upper Twin Lake Gage Read | 2.43 ft  | (Last Collected: 06/08/2009) |
| Lower Twin Lake Gage Read | 2.24 ft  |                              |
| Goose Lake Gage Read      | 2.47 ft  |                              |
| Thibaut Pond Flooded Area | 28 Acres | (Last Collected: 05/28/2009) |

1. Above Pump Station not constructed, the flow is the sum of the Pump station discharge, the Langemann Gate releases to the delta, and flow over the spillway weir to the delta.

2. Currently the average of stations 1,2,4,6,8,10,12,14,15,&16.

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## Lower Owens River Project Flow Report for 06/12/2009

| LORP Measuring Station                           | Augmenting Flows    |                      | Owens River Flows   |                      |                              |
|--------------------------------------------------|---------------------|----------------------|---------------------|----------------------|------------------------------|
|                                                  | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | # Days of last 15 at 40+ cfs |
| <b>1. Below River Intake (permanent station)</b> |                     |                      | <b>53</b>           | <b>56</b>            | 15                           |
| <b>2. Above Blackrock Ditch Return</b>           |                     |                      | <b>52</b>           | <b>56</b>            | 15                           |
| 3. Blackrock Ditch Return (augmentation point)   | 3                   | 3                    |                     |                      |                              |
| <b>4. East of Goose Lake</b>                     |                     |                      | <b>54</b>           | <b>59</b>            | 15                           |
| 5. Goose Lake Return (return flow)               | 1                   | 1                    |                     |                      |                              |
| <b>6. Two Culverts (5 Culverts)</b>              |                     |                      | <b>53</b>           | <b>63</b>            | 15                           |
| 7. Billy Lake Return (augmentation point)        | 0.8                 | 1                    |                     |                      |                              |
| <b>8. Mazourka Canyon Road</b>                   |                     |                      | <b>50</b>           | <b>59</b>            | 15                           |
| 9. Locust Ditch Return (augmentation point)      | 0                   | 0                    |                     |                      |                              |
| <b>10. Manzanar Reward Road</b>                  |                     |                      | <b>53</b>           | <b>64</b>            | 15                           |
| 11. Georges Ditch Return (augmentation point)    | 0                   | 6                    |                     |                      |                              |
| <b>12. Reinhackle Springs</b>                    |                     |                      | <b>55</b>           | <b>65</b>            | 15                           |
| 13. Alabama Gates Return (augmentation point)    | 0                   | 0                    |                     |                      |                              |
| <b>14. Lone Pine Narrow Gage Road</b>            |                     |                      | <b>49</b>           | <b>56</b>            | 15                           |
| <b>15. Keeler Bridge</b>                         |                     |                      | <b>52</b>           | <b>52</b>            | 15                           |
| 16a. Pump Station                                |                     |                      | 45                  | 44                   |                              |
| 16b. Langemann Gate to Delta                     |                     |                      | 5                   | 6                    |                              |
| 16c. Weir to Delta                               |                     |                      | 6                   | 5                    |                              |
| <b>16. At Pumpback Station <sup>1</sup></b>      |                     |                      | <b>56</b>           | <b>55</b>            | 15                           |
| <b>LORP In Channel Average Flow <sup>2</sup></b> |                     |                      | <b>52</b>           | <b>58</b>            |                              |

Pump Station Month-to-Date Average Flow 45 cfs

### Blackrock Waterfowl Habitat Area

| Flooded Unit       | Area      | Last Collected | Flow Rate | Flow Set Date |
|--------------------|-----------|----------------|-----------|---------------|
| Drew               | 56 Acres  | 05/26/2009     | 4 cfs     | 04/21/2009    |
| Waggoner           | 66 Acres  | 05/27/2009     | 4 cfs     | 04/21/2009    |
| Total Flooded Area | 122 Acres |                |           |               |

(Runoff Year 2009-10 Year-Date Average: 34 Acres - Requirement is 355 Acres)

(Note: Thibaut & Winterton have been shut off, residual flood acreage as of 5/12/09 was 138 acres)

### Off-River Lakes and Ponds

|                           |          |                              |
|---------------------------|----------|------------------------------|
| Upper Twin Lake Gage Read | 2.43 ft  | (Last Collected: 06/08/2009) |
| Lower Twin Lake Gage Read | 2.24 ft  |                              |
| Goose Lake Gage Read      | 2.47 ft  |                              |
| Thibaut Pond Flooded Area | 28 Acres | (Last Collected: 05/28/2009) |

1. Above Pump Station not constructed, the flow is the sum of the Pump station discharge, the Langemann Gate releases to the delta, and flow over the spillway weir to the delta.

2. Currently the average of stations 1,2,4,6,8,10,12,14,15,&16.

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## Lower Owens River Project Flow Report for 06/13/2009

| LORP Measuring Station                           | Augmenting Flows    |                      | Owens River Flows   |                      |                              |
|--------------------------------------------------|---------------------|----------------------|---------------------|----------------------|------------------------------|
|                                                  | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | # Days of last 15 at 40+ cfs |
| <b>1. Below River Intake (permanent station)</b> |                     |                      | <b>53</b>           | <b>54</b>            | 15                           |
| <b>2. Above Blackrock Ditch Return</b>           |                     |                      | <b>52</b>           | <b>53</b>            | 15                           |
| 3. Blackrock Ditch Return (augmentation point)   | 3                   | 3                    |                     |                      |                              |
| <b>4. East of Goose Lake</b>                     |                     |                      | <b>52</b>           | <b>56</b>            | 15                           |
| 5. Goose Lake Return (return flow)               | 1                   | 1                    |                     |                      |                              |
| <b>6. Two Culverts (5 Culverts)</b>              |                     |                      | <b>52</b>           | <b>61</b>            | 15                           |
| 7. Billy Lake Return (augmentation point)        | 0.7                 | 1                    |                     |                      |                              |
| <b>8. Mazourka Canyon Road</b>                   |                     |                      | <b>50</b>           | <b>58</b>            | 15                           |
| 9. Locust Ditch Return (augmentation point)      | 0                   | 0                    |                     |                      |                              |
| <b>10. Manzanar Reward Road</b>                  |                     |                      | <b>53</b>           | <b>64</b>            | 15                           |
| 11. Georges Ditch Return (augmentation point)    | 0                   | 5                    |                     |                      |                              |
| <b>12. Reinhackle Springs</b>                    |                     |                      | <b>54</b>           | <b>65</b>            | 15                           |
| 13. Alabama Gates Return (augmentation point)    | 0                   | 0                    |                     |                      |                              |
| <b>14. Lone Pine Narrow Gage Road</b>            |                     |                      | <b>45</b>           | <b>56</b>            | 15                           |
| <b>15. Keeler Bridge</b>                         |                     |                      | <b>46</b>           | <b>52</b>            | 15                           |
| 16a. Pump Station                                |                     |                      | 46                  | 44                   |                              |
| 16b. Langemann Gate to Delta                     |                     |                      | 6                   | 6                    |                              |
| 16c. Weir to Delta                               |                     |                      | 1                   | 5                    |                              |
| <b>16. At Pumpback Station <sup>1</sup></b>      |                     |                      | <b>53</b>           | <b>55</b>            | 15                           |
| <b>LORP In Channel Average Flow <sup>2</sup></b> |                     |                      | <b>50</b>           | <b>57</b>            |                              |

Pump Station Month-to-Date Average Flow 45 cfs

### Blackrock Waterfowl Habitat Area

| Flooded Unit       | Area      | Last Collected | Flow Rate | Flow Set Date |
|--------------------|-----------|----------------|-----------|---------------|
| Drew               | 56 Acres  | 05/26/2009     | 4 cfs     | 04/21/2009    |
| Waggoner           | 66 Acres  | 05/27/2009     | 4 cfs     | 04/21/2009    |
| Total Flooded Area | 122 Acres |                |           |               |

(Runoff Year 2009-10 Year-Date Average: 34 Acres - Requirement is 355 Acres)

(Note: Thibaut & Winterton have been shut off, residual flood acreage as of 5/12/09 was 138 acres)

### Off-River Lakes and Ponds

|                           |          |                              |
|---------------------------|----------|------------------------------|
| Upper Twin Lake Gage Read | 2.43 ft  | (Last Collected: 06/08/2009) |
| Lower Twin Lake Gage Read | 2.24 ft  |                              |
| Goose Lake Gage Read      | 2.47 ft  |                              |
| Thibaut Pond Flooded Area | 28 Acres | (Last Collected: 05/28/2009) |

1. Above Pump Station not constructed, the flow is the sum of the Pump station discharge, the Langemann Gate releases to the delta, and flow over the spillway weir to the delta.

2. Currently the average of stations 1,2,4,6,8,10,12,14,15,&16.

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## Lower Owens River Project Flow Report for 06/14/2009

| LORP Measuring Station                           | Augmenting Flows    |                      | Owens River Flows   |                      |                              |
|--------------------------------------------------|---------------------|----------------------|---------------------|----------------------|------------------------------|
|                                                  | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | # Days of last 15 at 40+ cfs |
| <b>1. Below River Intake (permanent station)</b> |                     |                      | <b>54</b>           | <b>53</b>            | 15                           |
| <b>2. Above Blackrock Ditch Return</b>           |                     |                      | <b>52</b>           | <b>52</b>            | 15                           |
| 3. Blackrock Ditch Return (augmentation point)   | 3                   | 3                    |                     |                      |                              |
| <b>4. East of Goose Lake</b>                     |                     |                      | <b>51</b>           | <b>54</b>            | 15                           |
| 5. Goose Lake Return (return flow)               | 1                   | 1                    |                     |                      |                              |
| <b>6. Two Culverts (5 Culverts)</b>              |                     |                      | <b>52</b>           | <b>58</b>            | 15                           |
| 7. Billy Lake Return (augmentation point)        | 0.7                 | 1                    |                     |                      |                              |
| <b>8. Mazourka Canyon Road</b>                   |                     |                      | <b>49</b>           | <b>56</b>            | 15                           |
| 9. Locust Ditch Return (augmentation point)      | 0                   | 0                    |                     |                      |                              |
| <b>10. Manzanar Reward Road</b>                  |                     |                      | <b>53</b>           | <b>64</b>            | 15                           |
| 11. Georges Ditch Return (augmentation point)    | 0                   | 5                    |                     |                      |                              |
| <b>12. Reinhackle Springs</b>                    |                     |                      | <b>53</b>           | <b>65</b>            | 15                           |
| 13. Alabama Gates Return (augmentation point)    | 0                   | 0                    |                     |                      |                              |
| <b>14. Lone Pine Narrow Gage Road</b>            |                     |                      | <b>44</b>           | <b>56</b>            | 15                           |
| <b>15. Keeler Bridge</b>                         |                     |                      | <b>43</b>           | <b>52</b>            | 15                           |
| 16a. Pump Station                                |                     |                      | 43                  | 45                   |                              |
| 16b. Langemann Gate to Delta                     |                     |                      | 6                   | 6                    |                              |
| 16c. Weir to Delta                               |                     |                      | 0                   | 5                    |                              |
| <b>16. At Pumpback Station <sup>1</sup></b>      |                     |                      | <b>49</b>           | <b>56</b>            | 15                           |
| <b>LORP In Channel Average Flow <sup>2</sup></b> |                     |                      | <b>49</b>           | <b>56</b>            |                              |

Pump Station Month-to-Date Average Flow 45 cfs

### Blackrock Waterfowl Habitat Area

| Flooded Unit       | Area      | Last Collected | Flow Rate | Flow Set Date |
|--------------------|-----------|----------------|-----------|---------------|
| Drew               | 56 Acres  | 05/26/2009     | 4 cfs     | 04/21/2009    |
| Waggoner           | 66 Acres  | 05/27/2009     | 4 cfs     | 04/21/2009    |
| Total Flooded Area | 122 Acres |                |           |               |

(Runoff Year 2009-10 Year-Date Average: 34 Acres - Requirement is 355 Acres)

(Note: Thibaut & Winterton have been shut off, residual flood acreage as of 5/12/09 was 138 acres)

### Off-River Lakes and Ponds

|                           |          |                              |
|---------------------------|----------|------------------------------|
| Upper Twin Lake Gage Read | 2.43 ft  | (Last Collected: 06/08/2009) |
| Lower Twin Lake Gage Read | 2.24 ft  |                              |
| Goose Lake Gage Read      | 2.47 ft  |                              |
| Thibaut Pond Flooded Area | 28 Acres | (Last Collected: 05/28/2009) |

1. Above Pump Station not constructed, the flow is the sum of the Pump station discharge, the Langemann Gate releases to the delta, and flow over the spillway weir to the delta.

2. Currently the average of stations 1,2,4,6,8,10,12,14,15,&16.

Note - All Data shown in this report is from field electronic measuring and data collection devices.

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## Lower Owens River Project Flow Report for 06/15/2009

| LORP Measuring Station                           | Augmenting Flows    |                      | Owens River Flows   |                      |                              |
|--------------------------------------------------|---------------------|----------------------|---------------------|----------------------|------------------------------|
|                                                  | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | # Days of last 15 at 40+ cfs |
| <b>1. Below River Intake (permanent station)</b> |                     |                      | <b>53</b>           | <b>53</b>            | 15                           |
| <b>2. Above Blackrock Ditch Return</b>           |                     |                      | <b>50</b>           | <b>51</b>            | 15                           |
| 3. Blackrock Ditch Return (augmentation point)   | 4                   | 3                    |                     |                      |                              |
| <b>4. East of Goose Lake</b>                     |                     |                      | <b>51</b>           | <b>52</b>            | 15                           |
| 5. Goose Lake Return (return flow)               | 1                   | 1                    |                     |                      |                              |
| <b>6. Two Culverts (5 Culverts)</b>              |                     |                      | <b>52</b>           | <b>55</b>            | 15                           |
| 7. Billy Lake Return (augmentation point)        | 0.7                 | 1                    |                     |                      |                              |
| <b>8. Mazourka Canyon Road</b>                   |                     |                      | <b>49</b>           | <b>54</b>            | 15                           |
| 9. Locust Ditch Return (augmentation point)      | 0                   | 0                    |                     |                      |                              |
| <b>10. Manzanar Reward Road</b>                  |                     |                      | <b>54</b>           | <b>63</b>            | 15                           |
| 11. Georges Ditch Return (augmentation point)    | 0                   | 4                    |                     |                      |                              |
| <b>12. Reinhackle Springs</b>                    |                     |                      | <b>53</b>           | <b>65</b>            | 15                           |
| 13. Alabama Gates Return (augmentation point)    | 0                   | 0                    |                     |                      |                              |
| <b>14. Lone Pine Narrow Gage Road</b>            |                     |                      | <b>43</b>           | <b>56</b>            | 15                           |
| <b>15. Keeler Bridge</b>                         |                     |                      | <b>42</b>           | <b>52</b>            | 15                           |
| 16a. Pump Station                                |                     |                      | 37                  | 44                   |                              |
| 16b. Langemann Gate to Delta                     |                     |                      | 6                   | 6                    |                              |
| 16c. Weir to Delta                               |                     |                      | 0                   | 5                    |                              |
| <b>16. At Pumpback Station <sup>1</sup></b>      |                     |                      | <b>43</b>           | <b>55</b>            | 15                           |
| <b>LORP In Channel Average Flow <sup>2</sup></b> |                     |                      | <b>48</b>           | <b>55</b>            |                              |

Pump Station Month-to-Date Average Flow 44 cfs

### Blackrock Waterfowl Habitat Area

| Flooded Unit       | Area      | Last Collected | Flow Rate | Flow Set Date |
|--------------------|-----------|----------------|-----------|---------------|
| Drew               | 56 Acres  | 05/26/2009     | 4 cfs     | 04/21/2009    |
| Waggoner           | 66 Acres  | 05/27/2009     | 4 cfs     | 04/21/2009    |
| Total Flooded Area | 122 Acres |                |           |               |

(Runoff Year 2009-10 Year-Date Average: 34 Acres - Requirement is 355 Acres)

(Note: Thibaut & Winterton have been shut off, residual flood acreage as of 5/12/09 was 138 acres)

### Off-River Lakes and Ponds

|                           |          |                              |
|---------------------------|----------|------------------------------|
| Upper Twin Lake Gage Read | 2.43 ft  | (Last Collected: 06/08/2009) |
| Lower Twin Lake Gage Read | 2.24 ft  |                              |
| Goose Lake Gage Read      | 2.47 ft  |                              |
| Thibaut Pond Flooded Area | 28 Acres | (Last Collected: 05/28/2009) |

1. Above Pump Station not constructed, the flow is the sum of the Pump station discharge, the Langemann Gate releases to the delta, and flow over the spillway weir to the delta.

2. Currently the average of stations 1,2,4,6,8,10,12,14,15,&16.

Note - All Data shown in this report is from field electronic measuring and data collection devices.

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## Lower Owens River Project Flow Report for 06/16/2009

| LORP Measuring Station                           | Augmenting Flows    |                      | Owens River Flows   |                      |                              |
|--------------------------------------------------|---------------------|----------------------|---------------------|----------------------|------------------------------|
|                                                  | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | # Days of last 15 at 40+ cfs |
| <b>1. Below River Intake (permanent station)</b> |                     |                      | <b>54</b>           | <b>53</b>            | 15                           |
| <b>2. Above Blackrock Ditch Return</b>           |                     |                      | <b>49</b>           | <b>51</b>            | 15                           |
| 3. Blackrock Ditch Return (augmentation point)   | 3                   | 3                    |                     |                      |                              |
| <b>4. East of Goose Lake</b>                     |                     |                      | <b>51</b>           | <b>52</b>            | 15                           |
| 5. Goose Lake Return (return flow)               | 1                   | 1                    |                     |                      |                              |
| <b>6. Two Culverts (5 Culverts)</b>              |                     |                      | <b>51</b>           | <b>53</b>            | 15                           |
| 7. Billy Lake Return (augmentation point)        | 0.7                 | 1                    |                     |                      |                              |
| <b>8. Mazourka Canyon Road</b>                   |                     |                      | <b>49</b>           | <b>52</b>            | 15                           |
| 9. Locust Ditch Return (augmentation point)      | 0                   | 0                    |                     |                      |                              |
| <b>10. Manzanar Reward Road</b>                  |                     |                      | <b>54</b>           | <b>61</b>            | 15                           |
| 11. Georges Ditch Return (augmentation point)    | 0                   | 4                    |                     |                      |                              |
| <b>12. Reinhackle Springs</b>                    |                     |                      | <b>50</b>           | <b>64</b>            | 15                           |
| 13. Alabama Gates Return (augmentation point)    | 0                   | 0                    |                     |                      |                              |
| <b>14. Lone Pine Narrow Gage Road</b>            |                     |                      | <b>42</b>           | <b>55</b>            | 15                           |
| <b>15. Keeler Bridge</b>                         |                     |                      | <b>41</b>           | <b>52</b>            | 15                           |
| 16a. Pump Station                                |                     |                      | 36                  | 44                   |                              |
| 16b. Langemann Gate to Delta                     |                     |                      | 6                   | 6                    |                              |
| 16c. Weir to Delta                               |                     |                      | 0                   | 5                    |                              |
| <b>16. At Pumpback Station <sup>1</sup></b>      |                     |                      | <b>42</b>           | <b>55</b>            | 15                           |
| <b>LORP In Channel Average Flow <sup>2</sup></b> |                     |                      | <b>48</b>           | <b>54</b>            |                              |

Pump Station Month-to-Date Average Flow      44 cfs

### Blackrock Waterfowl Habitat Area

| Flooded Unit       | Area      | Last Collected | Flow Rate | Flow Set Date |
|--------------------|-----------|----------------|-----------|---------------|
| Drew               | 56 Acres  | 05/26/2009     | 4 cfs     | 04/21/2009    |
| Waggoner           | 66 Acres  | 05/27/2009     | 4 cfs     | 04/21/2009    |
| Total Flooded Area | 122 Acres |                |           |               |

(Runoff Year 2009-10 Year-Date Average: 34 Acres - Requirement is 355 Acres)

(Note: Thibaut & Winterton have been shut off, residual flood acreage as of 5/12/09 was 138 acres)

### Off-River Lakes and Ponds

|                           |          |                              |
|---------------------------|----------|------------------------------|
| Upper Twin Lake Gage Read | 2.43 ft  | (Last Collected: 06/08/2009) |
| Lower Twin Lake Gage Read | 2.24 ft  |                              |
| Goose Lake Gage Read      | 2.47 ft  |                              |
| Thibaut Pond Flooded Area | 28 Acres | (Last Collected: 05/28/2009) |

1. Above Pump Station not constructed, the flow is the sum of the Pump station discharge, the Langemann Gate releases to the delta, and flow over the spillway weir to the delta.

2. Currently the average of stations 1,2,4,6,8,10,12,14,15,&16.

Note - All Data shown in this report is from field electronic measuring and data collection devices.

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## Lower Owens River Project Flow Report for 06/17/2009

| LORP Measuring Station                           | Augmenting Flows    |                      | Owens River Flows   |                      |                             |
|--------------------------------------------------|---------------------|----------------------|---------------------|----------------------|-----------------------------|
|                                                  | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | # Days o last 15 at 40+ cf: |
| <b>1. Below River Intake (permanent station)</b> |                     |                      | <b>60</b>           | <b>54</b>            | <b>15</b>                   |
| <b>2. Above Blackrock Ditch Return</b>           |                     |                      | <b>51</b>           | <b>51</b>            | <b>15</b>                   |
| 3. Blackrock Ditch Return (augmentation point)   | 4                   | 3                    |                     |                      |                             |
| <b>4. East of Goose Lake</b>                     |                     |                      | <b>52</b>           | <b>51</b>            | <b>15</b>                   |
| 5. Goose Lake Return (return flow)               | 1                   | 1                    |                     |                      |                             |
| <b>6. Two Culverts (5 Culverts)</b>              |                     |                      | <b>52</b>           | <b>52</b>            | <b>15</b>                   |
| 7. Billy Lake Return (augmentation point)        | 0.7                 | 1                    |                     |                      |                             |
| <b>8. Mazourka Canyon Road</b>                   |                     |                      | <b>49</b>           | <b>51</b>            | <b>15</b>                   |
| 9. Locust Ditch Return (augmentation point)      | 0                   | 0                    |                     |                      |                             |
| <b>10. Manzanar Reward Road</b>                  |                     |                      | <b>55</b>           | <b>59</b>            | <b>15</b>                   |
| 11. Georges Ditch Return (augmentation point)    | 0                   | 3                    |                     |                      |                             |
| <b>12. Reinhackle Springs</b>                    |                     |                      | <b>51</b>           | <b>62</b>            | <b>15</b>                   |
| 13. Alabama Gates Return (augmentation point)    | 0                   | 0                    |                     |                      |                             |
| <b>14. Lone Pine Narrow Gage Road</b>            |                     |                      | <b>41</b>           | <b>55</b>            | <b>15</b>                   |
| <b>15. Keeler Bridge</b>                         |                     |                      | <b>40</b>           | <b>52</b>            | <b>15</b>                   |
| 16a. Pump Station                                |                     |                      | 35                  | 43                   |                             |
| 16b. Langemann Gate to Delta                     |                     |                      | 6                   | 6                    |                             |
| 16c. Weir to Delta                               |                     |                      | 0                   | 5                    |                             |
| <b>16. At Pumpback Station <sup>1</sup></b>      |                     |                      | <b>41</b>           | <b>54</b>            | <b>15</b>                   |
| <b>LORP In Channel Average Flow <sup>2</sup></b> |                     |                      | <b>49</b>           | <b>54</b>            |                             |

Pump Station Month-to-Date Average Flow 43 cfs

### Blackrock Waterfowl Habitat Area

| Flooded Unit       | Area      | Last Collected | Flow Rate | Flow Set Date |
|--------------------|-----------|----------------|-----------|---------------|
| Winterton          | 9 Acres   | 05/29/2009     | 6 cfs     | 06/01/2009    |
| Drew               | 56 Acres  | 05/26/2009     | 4 cfs     | 04/21/2009    |
| Waggoner           | 66 Acres  | 05/27/2009     | 4 cfs     | 04/21/2009    |
| Total Flooded Area | 131 Acres |                |           |               |

(Runoff Year 2009-10 Year-Date Average: 144 Acres - Requirement is 355 Acres)

(Note: Winterton was turned on 6/1/2009 to support waterfowl acreage, Thibaut is off except for pond flow.)

### Off-River Lakes and Ponds

|                           |          |                              |
|---------------------------|----------|------------------------------|
| Upper Twin Lake Gage Read | 2.43 ft  | (Last Collected: 06/08/2009) |
| Lower Twin Lake Gage Read | 2.24 ft  |                              |
| Goose Lake Gage Read      | 2.47 ft  |                              |
| Thibaut Pond Flooded Area | 28 Acres | (Last Collected: 05/28/2009) |

1. Above Pump Station not constructed, the flow is the sum of the Pump station discharge, the Langemann Gate releases to the delta, and flow over the spillway weir to the delta.

2. Currently the average of stations 1,2,4,6,8,10,12,14,15,&16.

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## Lower Owens River Project Flow Report for 06/18/2009

| LORP Measuring Station                           | Augmenting Flows    |                      | Owens River Flows   |                      |                              |
|--------------------------------------------------|---------------------|----------------------|---------------------|----------------------|------------------------------|
|                                                  | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | # Days of last 15 at 40+ cfs |
| <b>1. Below River Intake (permanent station)</b> |                     |                      | <b>67</b>           | <b>54</b>            | 15                           |
| <b>2. Above Blackrock Ditch Return</b>           |                     |                      | <b>66</b>           | <b>52</b>            | 15                           |
| 3. Blackrock Ditch Return (augmentation point)   | 4                   | 3                    |                     |                      |                              |
| <b>4. East of Goose Lake</b>                     |                     |                      | <b>55</b>           | <b>52</b>            | 15                           |
| 5. Goose Lake Return (return flow)               | 1                   | 1                    |                     |                      |                              |
| <b>6. Two Culverts (5 Culverts)</b>              |                     |                      | <b>51</b>           | <b>52</b>            | 15                           |
| 7. Billy Lake Return (augmentation point)        | 0.7                 | 1                    |                     |                      |                              |
| <b>8. Mazourka Canyon Road</b>                   |                     |                      | <b>50</b>           | <b>50</b>            | 15                           |
| 9. Locust Ditch Return (augmentation point)      | 0                   | 0                    |                     |                      |                              |
| <b>10. Manzanar Reward Road</b>                  |                     |                      | <b>55</b>           | <b>58</b>            | 15                           |
| 11. Georges Ditch Return (augmentation point)    | 0                   | 2                    |                     |                      |                              |
| <b>12. Reinhackle Springs</b>                    |                     |                      | <b>52</b>           | <b>61</b>            | 15                           |
| 13. Alabama Gates Return (augmentation point)    | 0                   | 0                    |                     |                      |                              |
| <b>14. Lone Pine Narrow Gage Road</b>            |                     |                      | <b>42</b>           | <b>54</b>            | 15                           |
| <b>15. Keeler Bridge</b>                         |                     |                      | <b>41</b>           | <b>51</b>            | 15                           |
| 16a. Pump Station                                |                     |                      | 34                  | 43                   |                              |
| 16b. Langemann Gate to Delta                     |                     |                      | 6                   | 6                    |                              |
| 16c. Weir to Delta                               |                     |                      | 0                   | 5                    |                              |
| <b>16. At Pumpback Station <sup>1</sup></b>      |                     |                      | <b>40</b>           | <b>54</b>            | 15                           |
| <b>LORP In Channel Average Flow <sup>2</sup></b> |                     |                      | <b>51</b>           | <b>53</b>            |                              |

Pump Station Month-to-Date Average Flow                      43 cfs

### Blackrock Waterfowl Habitat Area

| Flooded Unit              | Area             | Last Collected | Flow Rate | Flow Set Date |
|---------------------------|------------------|----------------|-----------|---------------|
| Winterton                 | 9 Acres          | 05/29/2009     | 6 cfs     | 06/01/2009    |
| Drew                      | 56 Acres         | 05/26/2009     | 4.7 cfs   | 06/01/2009    |
| Waggoner                  | 66 Acres         | 05/27/2009     | 4.7 cfs   | 06/01/2009    |
| <b>Total Flooded Area</b> | <b>131 Acres</b> |                |           |               |

(Runoff Year 2009-10 Year-Date Average: 144 Acres - Requirement is 355 Acres)

(Note: Winterton was turned on 6/1/2009 to support waterfowl acreage, Thibaut is off except for pond flow.)

### Off-River Lakes and Ponds

|                           |          |                              |
|---------------------------|----------|------------------------------|
| Upper Twin Lake Gage Read | 2.43 ft  | (Last Collected: 06/08/2009) |
| Lower Twin Lake Gage Read | 2.24 ft  |                              |
| Goose Lake Gage Read      | 2.47 ft  |                              |
| Thibaut Pond Flooded Area | 28 Acres | (Last Collected: 05/28/2009) |

1. Above Pump Station not constructed, the flow is the sum of the Pump station discharge, the Langemann Gate releases to the delta, and flow over the spillway weir to the delta.

2. Currently the average of stations 1,2,4,6,8,10,12,14,15,&16.

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## Lower Owens River Project Flow Report for 06/19/2009

| LORP Measuring Station                           | Augmenting Flows    |                      | Owens River Flows   |                      |                              |
|--------------------------------------------------|---------------------|----------------------|---------------------|----------------------|------------------------------|
|                                                  | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | # Days of last 15 at 40+ cfs |
| <b>1. Below River Intake (permanent station)</b> |                     |                      | <b>65</b>           | <b>55</b>            | 15                           |
| <b>2. Above Blackrock Ditch Return</b>           |                     |                      | <b>66</b>           | <b>53</b>            | 15                           |
| 3. Blackrock Ditch Return (augmentation point)   | 3                   | 3                    |                     |                      |                              |
| <b>4. East of Goose Lake</b>                     |                     |                      | <b>68</b>           | <b>53</b>            | 15                           |
| 5. Goose Lake Return (return flow)               | 1                   | 1                    |                     |                      |                              |
| <b>6. Two Culverts (5 Culverts)</b>              |                     |                      | <b>56</b>           | <b>52</b>            | 15                           |
| 7. Billy Lake Return (augmentation point)        | 0.6                 | 1                    |                     |                      |                              |
| <b>8. Mazourka Canyon Road</b>                   |                     |                      | <b>50</b>           | <b>50</b>            | 15                           |
| 9. Locust Ditch Return (augmentation point)      | 0                   | 0                    |                     |                      |                              |
| <b>10. Manzanar Reward Road</b>                  |                     |                      | <b>54</b>           | <b>56</b>            | 15                           |
| 11. Georges Ditch Return (augmentation point)    | 0                   | 2                    |                     |                      |                              |
| <b>12. Reinhackle Springs</b>                    |                     |                      | <b>52</b>           | <b>58</b>            | 15                           |
| 13. Alabama Gates Return (augmentation point)    | 0                   | 0                    |                     |                      |                              |
| <b>14. Lone Pine Narrow Gage Road</b>            |                     |                      | <b>41</b>           | <b>53</b>            | 15                           |
| <b>15. Keeler Bridge</b>                         |                     |                      | <b>41</b>           | <b>51</b>            | 15                           |
| 16a. Pump Station                                |                     |                      | 34                  | 42                   |                              |
| 16b. Langemann Gate to Delta                     |                     |                      | 6                   | 6                    |                              |
| 16c. Weir to Delta                               |                     |                      | 0                   | 5                    |                              |
| <b>16. At Pumpback Station <sup>1</sup></b>      |                     |                      | <b>40</b>           | <b>53</b>            | 15                           |
| <b>LORP In Channel Average Flow <sup>2</sup></b> |                     |                      | <b>53</b>           | <b>53</b>            |                              |

Pump Station Month-to-Date Average Flow                      42 cfs

### Blackrock Waterfowl Habitat Area

| Flooded Unit              | Area             | Last Collected | Flow Rate | Flow Set Date |
|---------------------------|------------------|----------------|-----------|---------------|
| Winterton                 | 9 Acres          | 05/29/2009     | 6 cfs     | 06/01/2009    |
| Drew                      | 56 Acres         | 05/26/2009     | 4.7 cfs   | 06/01/2009    |
| Waggoner                  | 66 Acres         | 05/27/2009     | 4.7 cfs   | 06/01/2009    |
| <b>Total Flooded Area</b> | <b>131 Acres</b> |                |           |               |

(Runoff Year 2009-10 Year-Date Average: 144 Acres - Requirement is 355 Acres)

(Note: Winterton was turned on 6/1/2009 to support waterfowl acreage, Thibaut is off except for pond flow.)

### Off-River Lakes and Ponds

|                           |          |                              |
|---------------------------|----------|------------------------------|
| Upper Twin Lake Gage Read | 2.43 ft  | (Last Collected: 06/08/2009) |
| Lower Twin Lake Gage Read | 2.24 ft  |                              |
| Goose Lake Gage Read      | 2.47 ft  |                              |
| Thibaut Pond Flooded Area | 28 Acres | (Last Collected: 05/28/2009) |

1. Above Pump Station not constructed, the flow is the sum of the Pump station discharge, the Langemann Gate releases to the delta, and flow over the spillway weir to the delta.

2. Currently the average of stations 1,2,4,6,8,10,12,14,15,&16.

Note - All Data shown in this report is from field electronic measuring and data collection devices.

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## Lower Owens River Project Flow Report for 06/20/2009

| LORP Measuring Station                           | Augmenting Flows    |                      | Owens River Flows   |                      |                             |
|--------------------------------------------------|---------------------|----------------------|---------------------|----------------------|-----------------------------|
|                                                  | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | # Days o last 15 at 40+ cf: |
| <b>1. Below River Intake (permanent station)</b> |                     |                      | <b>67</b>           | <b>56</b>            | 15                          |
| <b>2. Above Blackrock Ditch Return</b>           |                     |                      | <b>64</b>           | <b>54</b>            | 15                          |
| 3. Blackrock Ditch Return (augmentation point)   | 2                   | 3                    |                     |                      |                             |
| <b>4. East of Goose Lake</b>                     |                     |                      | <b>70</b>           | <b>54</b>            | 15                          |
| 5. Goose Lake Return (return flow)               | 1                   | 1                    |                     |                      |                             |
| <b>6. Two Culverts (5 Culverts)</b>              |                     |                      | <b>60</b>           | <b>52</b>            | 15                          |
| 7. Billy Lake Return (augmentation point)        | 0.6                 | 1                    |                     |                      |                             |
| <b>8. Mazourka Canyon Road</b>                   |                     |                      | <b>54</b>           | <b>50</b>            | 15                          |
| 9. Locust Ditch Return (augmentation point)      | 0                   | 0                    |                     |                      |                             |
| <b>10. Manzanar Reward Road</b>                  |                     |                      | <b>53</b>           | <b>55</b>            | 15                          |
| 11. Georges Ditch Return (augmentation point)    | 0                   | 1                    |                     |                      |                             |
| <b>12. Reinhackle Springs</b>                    |                     |                      | <b>51</b>           | <b>56</b>            | 15                          |
| 13. Alabama Gates Return (augmentation point)    | 0                   | 0                    |                     |                      |                             |
| <b>14. Lone Pine Narrow Gage Road</b>            |                     |                      | <b>41</b>           | <b>52</b>            | 15                          |
| <b>15. Keeler Bridge</b>                         |                     |                      | <b>40</b>           | <b>50</b>            | 15                          |
| 16a. Pump Station                                |                     |                      | 33                  | 41                   |                             |
| 16b. Langemann Gate to Delta                     |                     |                      | 5                   | 6                    |                             |
| 16c. Weir to Delta                               |                     |                      | 0                   | 5                    |                             |
| <b>16. At Pumpback Station <sup>1</sup></b>      |                     |                      | <b>38</b>           | <b>52</b>            | 14                          |
| <b>LORP In Channel Average Flow <sup>2</sup></b> |                     |                      | <b>53</b>           | <b>53</b>            |                             |

Pump Station Month-to-Date Average Flow 42 cfs

### Blackrock Waterfowl Habitat Area

| Flooded Unit       | Area      | Last Collected | Flow Rate | Flow Set Date |
|--------------------|-----------|----------------|-----------|---------------|
| Winterton          | 9 Acres   | 05/29/2009     | 6 cfs     | 06/01/2009    |
| Drew               | 56 Acres  | 05/26/2009     | 4.7 cfs   | 06/01/2009    |
| Waggoner           | 66 Acres  | 05/27/2009     | 4.7 cfs   | 06/01/2009    |
| Total Flooded Area | 131 Acres |                |           |               |

(Runoff Year 2009-10 Year-Date Average: 144 Acres - Requirement is 355 Acres)

(Note: Winterton was turned on 6/1/2009 to support waterfowl acreage, Thibaut is off except for pond flow.)

### Off-River Lakes and Ponds

|                           |          |                              |
|---------------------------|----------|------------------------------|
| Upper Twin Lake Gage Read | 2.43 ft  | (Last Collected: 06/08/2009) |
| Lower Twin Lake Gage Read | 2.24 ft  |                              |
| Goose Lake Gage Read      | 2.47 ft  |                              |
| Thibaut Pond Flooded Area | 28 Acres | (Last Collected: 05/28/2009) |

1. Above Pump Station not constructed, the flow is the sum of the Pump station discharge, the Langemann Gate releases to the delta, and flow over the spillway weir to the delta.

2. Currently the average of stations 1,2,4,6,8,10,12,14,15,&16.

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## Lower Owens River Project Flow Report for 06/21/2009

| LORP Measuring Station                           | Augmenting Flows    |                      | Owens River Flows   |                      |                             |
|--------------------------------------------------|---------------------|----------------------|---------------------|----------------------|-----------------------------|
|                                                  | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | # Days o last 15 at 40+ cfs |
| <b>1. Below River Intake (permanent station)</b> |                     |                      | <b>68</b>           | <b>57</b>            | <b>15</b>                   |
| <b>2. Above Blackrock Ditch Return</b>           |                     |                      | <b>66</b>           | <b>55</b>            | <b>15</b>                   |
| 3. Blackrock Ditch Return (augmentation point)   | 2                   | 3                    |                     |                      |                             |
| <b>4. East of Goose Lake</b>                     |                     |                      | <b>70</b>           | <b>55</b>            | <b>15</b>                   |
| 5. Goose Lake Return (return flow)               | 1                   | 1                    |                     |                      |                             |
| <b>6. Two Culverts (5 Culverts)</b>              |                     |                      | <b>61</b>           | <b>53</b>            | <b>15</b>                   |
| 7. Billy Lake Return (augmentation point)        | 0.7                 | 1                    |                     |                      |                             |
| <b>8. Mazourka Canyon Road</b>                   |                     |                      | <b>58</b>           | <b>50</b>            | <b>15</b>                   |
| 9. Locust Ditch Return (augmentation point)      | 0                   | 0                    |                     |                      |                             |
| <b>10. Manzanar Reward Road</b>                  |                     |                      | <b>53</b>           | <b>54</b>            | <b>15</b>                   |
| 11. Georges Ditch Return (augmentation point)    | 0                   | 1                    |                     |                      |                             |
| <b>12. Reinhackle Springs</b>                    |                     |                      | <b>52</b>           | <b>55</b>            | <b>15</b>                   |
| 13. Alabama Gates Return (augmentation point)    | 0                   | 0                    |                     |                      |                             |
| <b>14. Lone Pine Narrow Gage Road</b>            |                     |                      | <b>39</b>           | <b>50</b>            | <b>14</b>                   |
| <b>15. Keeler Bridge</b>                         |                     |                      | <b>39</b>           | <b>49</b>            | <b>14</b>                   |
| 16a. Pump Station                                |                     |                      | 33                  | 41                   |                             |
| 16b. Langemann Gate to Delta                     |                     |                      | 6                   | 6                    |                             |
| 16c. Weir to Delta                               |                     |                      | 0                   | 5                    |                             |
| <b>16. At Pumpback Station <sup>1</sup></b>      |                     |                      | <b>39</b>           | <b>52</b>            | <b>13</b>                   |
| <b>LORP In Channel Average Flow <sup>2</sup></b> |                     |                      | <b>54</b>           | <b>52</b>            |                             |

Pump Station Month-to-Date Average Flow 42 cfs

### Blackrock Waterfowl Habitat Area

| Flooded Unit       | Area      | Last Collected | Flow Rate | Flow Set Date |
|--------------------|-----------|----------------|-----------|---------------|
| Winterton          | 9 Acres   | 05/29/2009     | 6 cfs     | 06/01/2009    |
| Drew               | 56 Acres  | 05/26/2009     | 4.7 cfs   | 06/01/2009    |
| Waggoner           | 66 Acres  | 05/27/2009     | 4.7 cfs   | 06/01/2009    |
| Total Flooded Area | 131 Acres |                |           |               |

(Runoff Year 2009-10 Year-Date Average: 144 Acres - Requirement is 355 Acres)

(Note: Winterton was turned on 6/1/2009 to support waterfowl acreage, Thibaut is off except for pond flow.)

### Off-River Lakes and Ponds

|                           |          |                              |
|---------------------------|----------|------------------------------|
| Upper Twin Lake Gage Read | 2.43 ft  | (Last Collected: 06/08/2009) |
| Lower Twin Lake Gage Read | 2.24 ft  |                              |
| Goose Lake Gage Read      | 2.47 ft  |                              |
| Thibaut Pond Flooded Area | 28 Acres | (Last Collected: 05/28/2009) |

1. Above Pump Station not constructed, the flow is the sum of the Pump station discharge, the Langemann Gate releases to the delta, and flow over the spillway weir to the delta.

2. Currently the average of stations 1,2,4,6,8,10,12,14,15,&16.

Note - All Data shown in this report is from field electronic measuring and data collection devices.

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## Lower Owens River Project Flow Report for 06/22/2009

| LORP Measuring Station                           | Augmenting Flows    |                      | Owens River Flows   |                      |                              |
|--------------------------------------------------|---------------------|----------------------|---------------------|----------------------|------------------------------|
|                                                  | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | # Days of last 15 at 40+ cfs |
| <b>1. Below River Intake (permanent station)</b> |                     |                      | <b>66</b>           | <b>58</b>            | 15                           |
| <b>2. Above Blackrock Ditch Return</b>           |                     |                      | <b>67</b>           | <b>56</b>            | 15                           |
| 3. Blackrock Ditch Return (augmentation point)   | 2                   | 3                    |                     |                      |                              |
| <b>4. East of Goose Lake</b>                     |                     |                      | <b>71</b>           | <b>57</b>            | 15                           |
| 5. Goose Lake Return (return flow)               | 1                   | 1                    |                     |                      |                              |
| <b>6. Two Culverts (5 Culverts)</b>              |                     |                      | <b>62 [e]</b>       | <b>54</b>            | 15                           |
| 7. Billy Lake Return (augmentation point)        | 0.8                 | 1                    |                     |                      |                              |
| <b>8. Mazourka Canyon Road</b>                   |                     |                      | <b>58</b>           | <b>51</b>            | 15                           |
| 9. Locust Ditch Return (augmentation point)      | 0                   | 0                    |                     |                      |                              |
| <b>10. Manzanar Reward Road</b>                  |                     |                      | <b>56</b>           | <b>54</b>            | 15                           |
| 11. Georges Ditch Return (augmentation point)    | 0                   | 0                    |                     |                      |                              |
| <b>12. Reinhackle Springs</b>                    |                     |                      | <b>51</b>           | <b>54</b>            | 15                           |
| 13. Alabama Gates Return (augmentation point)    | 0                   | 0                    |                     |                      |                              |
| <b>14. Lone Pine Narrow Gage Road</b>            |                     |                      | <b>38</b>           | <b>48</b>            | 13                           |
| <b>15. Keeler Bridge</b>                         |                     |                      | <b>39</b>           | <b>47</b>            | 13                           |
| 16a. Pump Station                                |                     |                      | 32                  | 40                   |                              |
| 16b. Langemann Gate to Delta                     |                     |                      | 6                   | 6                    |                              |
| 16c. Weir to Delta                               |                     |                      | 0                   | 4                    |                              |
| <b>16. At Pumpback Station <sup>1</sup></b>      |                     |                      | <b>38</b>           | <b>50</b>            | 12                           |
| <b>LORP In Channel Average Flow <sup>2</sup></b> |                     |                      | <b>54</b>           | <b>52</b>            |                              |

Pump Station Month-to-Date Average Flow                      41 cfs

### Blackrock Waterfowl Habitat Area

| Flooded Unit              | Area             | Last Collected | Flow Rate | Flow Set Date |
|---------------------------|------------------|----------------|-----------|---------------|
| Winterton                 | 9 Acres          | 05/29/2009     | 6 cfs     | 06/01/2009    |
| Drew                      | 56 Acres         | 05/26/2009     | 4.7 cfs   | 06/01/2009    |
| Waggoner                  | 66 Acres         | 05/27/2009     | 4.7 cfs   | 06/01/2009    |
| <b>Total Flooded Area</b> | <b>131 Acres</b> |                |           |               |

(Runoff Year 2009-10 Year-Date Average: 144 Acres - Requirement is 355 Acres)

(Note: Winterton was turned on 6/1/2009 to support waterfowl acreage, Thibaut is off except for pond flow.)

### Off-River Lakes and Ponds

|                           |          |                              |
|---------------------------|----------|------------------------------|
| Upper Twin Lake Gage Read | 2.46 ft  | (Last Collected: 06/22/2009) |
| Lower Twin Lake Gage Read | 2.23 ft  |                              |
| Goose Lake Gage Read      | 2.41 ft  |                              |
| Thibaut Pond Flooded Area | 28 Acres | (Last Collected: 05/28/2009) |

[e] Flow estimated at Two Culverts due to meter problems

1. Above Pump Station not constructed, the flow is the sum of the Pump station discharge, the Langemann Gate releases to the delta, and flow over the spillway weir to the delta.

2. Currently the average of stations 1,2,4,6,8,10,12,14,15,&16.

Note - All Data shown in this report is from field electronic measuring and data collection devices.

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## Lower Owens River Project Flow Report for 06/23/2009

| LORP Measuring Station                           | Augmenting Flows    |                      | Owens River Flows   |                      |                             |
|--------------------------------------------------|---------------------|----------------------|---------------------|----------------------|-----------------------------|
|                                                  | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | # Days o last 15 at 40+ cf: |
| <b>1. Below River Intake (permanent station)</b> |                     |                      | <b>67</b>           | <b>59</b>            | 15                          |
| <b>2. Above Blackrock Ditch Return</b>           |                     |                      | <b>64</b>           | <b>57</b>            | 15                          |
| 3. Blackrock Ditch Return (augmentation point)   | 3                   | 3                    |                     |                      |                             |
| <b>4. East of Goose Lake</b>                     |                     |                      | <b>66</b>           | <b>58</b>            | 15                          |
| 5. Goose Lake Return (return flow)               | 1                   | 1                    |                     |                      |                             |
| <b>6. Two Culverts (5 Culverts)</b>              |                     |                      | <b>61</b>           | <b>54</b>            | 15                          |
| 7. Billy Lake Return (augmentation point)        | 0.8                 | 1                    |                     |                      |                             |
| <b>8. Mazourka Canyon Road</b>                   |                     |                      | <b>59</b>           | <b>51</b>            | 15                          |
| 9. Locust Ditch Return (augmentation point)      | 0                   | 0                    |                     |                      |                             |
| <b>10. Manzanar Reward Road</b>                  |                     |                      | <b>60</b>           | <b>54</b>            | 15                          |
| 11. Georges Ditch Return (augmentation point)    | 2                   | 0                    |                     |                      |                             |
| <b>12. Reinhackle Springs</b>                    |                     |                      | <b>53</b>           | <b>53</b>            | 15                          |
| 13. Alabama Gates Return (augmentation point)    | 0                   | 0                    |                     |                      |                             |
| <b>14. Lone Pine Narrow Gage Road</b>            |                     |                      | <b>37</b>           | <b>45</b>            | 12                          |
| <b>15. Keeler Bridge</b>                         |                     |                      | <b>39</b>           | <b>46</b>            | 12                          |
| 16a. Pump Station                                |                     |                      | 31                  | 39                   |                             |
| 16b. Langemann Gate to Delta                     |                     |                      | 6                   | 6                    |                             |
| 16c. Weir to Delta                               |                     |                      | 0                   | 3                    |                             |
| <b>16. At Pumpback Station <sup>1</sup></b>      |                     |                      | <b>37</b>           | <b>48</b>            | 11                          |
| <b>LORP In Channel Average Flow <sup>2</sup></b> |                     |                      | <b>54</b>           | <b>52</b>            |                             |

Pump Station Month-to-Date Average Flow 41 cfs

### Blackrock Waterfowl Habitat Area

| Flooded Unit              | Area             | Last Collected | Flow Rate | Flow Set Date |
|---------------------------|------------------|----------------|-----------|---------------|
| Winterton                 | 9 Acres          | 05/29/2009     | 6 cfs     | 06/01/2009    |
| Drew                      | 56 Acres         | 05/26/2009     | 4.7 cfs   | 06/01/2009    |
| Waggoner                  | 66 Acres         | 05/27/2009     | 4.7 cfs   | 06/01/2009    |
| <b>Total Flooded Area</b> | <b>131 Acres</b> |                |           |               |

(Runoff Year 2009-10 Year-Date Average: 144 Acres - Requirement is 355 Acres)

(Note: Winterton was turned on 6/1/2009 to support waterfowl acreage, Thibaut is off except for pond flow.)

### Off-River Lakes and Ponds

|                           |          |                              |
|---------------------------|----------|------------------------------|
| Upper Twin Lake Gage Read | 2.46 ft  | (Last Collected: 06/22/2009) |
| Lower Twin Lake Gage Read | 2.23 ft  |                              |
| Goose Lake Gage Read      | 2.41 ft  |                              |
| Thibaut Pond Flooded Area | 28 Acres | (Last Collected: 05/28/2009) |

1. Above Pump Station not constructed, the flow is the sum of the Pump station discharge, the Langemann Gate releases to the delta, and flow over the spillway weir to the delta.

2. Currently the average of stations 1,2,4,6,8,10,12,14,15,&16.

Note - All Data shown in this report is from field electronic measuring and data collection devices.

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## Lower Owens River Project Flow Report for 06/24/2009

| LORP Measuring Station                           | Augmenting Flows    |                      | Owens River Flows   |                      |                             |
|--------------------------------------------------|---------------------|----------------------|---------------------|----------------------|-----------------------------|
|                                                  | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | # Days o last 15 at 40+ cf: |
| <b>1. Below River Intake (permanent station)</b> |                     |                      | <b>73</b>           | <b>60</b>            | <b>15</b>                   |
| <b>2. Above Blackrock Ditch Return</b>           |                     |                      | <b>65</b>           | <b>58</b>            | <b>15</b>                   |
| 3. Blackrock Ditch Return (augmentation point)   | 4                   | 3                    |                     |                      |                             |
| <b>4. East of Goose Lake</b>                     |                     |                      | <b>66</b>           | <b>59</b>            | <b>15</b>                   |
| 5. Goose Lake Return (return flow)               | 1                   | 1                    |                     |                      |                             |
| <b>6. Two Culverts (5 Culverts)</b>              |                     |                      | <b>63</b>           | <b>55</b>            | <b>15</b>                   |
| 7. Billy Lake Return (augmentation point)        | 0.9                 | 1                    |                     |                      |                             |
| <b>8. Mazourka Canyon Road</b>                   |                     |                      | <b>60</b>           | <b>52</b>            | <b>15</b>                   |
| 9. Locust Ditch Return (augmentation point)      | 0                   | 0                    |                     |                      |                             |
| <b>10. Manzanar Reward Road</b>                  |                     |                      | <b>61</b>           | <b>55</b>            | <b>15</b>                   |
| 11. Georges Ditch Return (augmentation point)    | 6                   | 1                    |                     |                      |                             |
| <b>12. Reinhackle Springs</b>                    |                     |                      | <b>58</b>           | <b>53</b>            | <b>15</b>                   |
| 13. Alabama Gates Return (augmentation point)    | 5                   | 0                    |                     |                      |                             |
| <b>14. Lone Pine Narrow Gage Road</b>            |                     |                      | <b>37</b>           | <b>44</b>            | <b>11</b>                   |
| <b>15. Keeler Bridge</b>                         |                     |                      | <b>37</b>           | <b>44</b>            | <b>11</b>                   |
| 16a. Pump Station                                |                     |                      | 30                  | 37                   |                             |
| 16b. Langemann Gate to Delta                     |                     |                      | 5                   | 6                    |                             |
| 16c. Weir to Delta                               |                     |                      | 0                   | 2                    |                             |
| <b>16. At Pumpback Station <sup>1</sup></b>      |                     |                      | <b>35</b>           | <b>45</b>            | <b>10</b>                   |
| <b>LORP In Channel Average Flow <sup>2</sup></b> |                     |                      | <b>55</b>           | <b>52</b>            |                             |

Pump Station Month-to-Date Average Flow 40 cfs

### Blackrock Waterfowl Habitat Area

| Flooded Unit       | Area      | Last Collected | Flow Rate | Flow Set Date |
|--------------------|-----------|----------------|-----------|---------------|
| Winterton          | 9 Acres   | 05/29/2009     | 6 cfs     | 06/01/2009    |
| Drew               | 56 Acres  | 05/26/2009     | 4.7 cfs   | 06/01/2009    |
| Waggoner           | 66 Acres  | 05/27/2009     | 4.7 cfs   | 06/01/2009    |
| Total Flooded Area | 131 Acres |                |           |               |

(Runoff Year 2009-10 Year-Date Average: 144 Acres - Requirement is 355 Acres)

(Note: Winterton was turned on 6/1/2009 to support waterfowl acreage, Thibaut is off except for pond flow.)

### Off-River Lakes and Ponds

|                           |          |                              |
|---------------------------|----------|------------------------------|
| Upper Twin Lake Gage Read | 2.46 ft  | (Last Collected: 06/22/2009) |
| Lower Twin Lake Gage Read | 2.23 ft  |                              |
| Goose Lake Gage Read      | 2.41 ft  |                              |
| Thibaut Pond Flooded Area | 28 Acres | (Last Collected: 05/28/2009) |

1. Above Pump Station not constructed, the flow is the sum of the Pump station discharge, the Langemann Gate releases to the delta, and flow over the spillway weir to the delta.

2. Currently the average of stations 1,2,4,6,8,10,12,14,15,&16.

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## Lower Owens River Project Flow Report for 06/25/2009

| LORP Measuring Station                           | Augmenting Flows    |                      | Owens River Flows   |                      |                             |
|--------------------------------------------------|---------------------|----------------------|---------------------|----------------------|-----------------------------|
|                                                  | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | # Days o last 15 at 40+ cf: |
| <b>1. Below River Intake (permanent station)</b> |                     |                      | <b>72</b>           | <b>62</b>            | <b>15</b>                   |
| <b>2. Above Blackrock Ditch Return</b>           |                     |                      | <b>71</b>           | <b>59</b>            | <b>15</b>                   |
| 3. Blackrock Ditch Return (augmentation point)   | 2                   | 3                    |                     |                      |                             |
| <b>4. East of Goose Lake</b>                     |                     |                      | <b>69</b>           | <b>60</b>            | <b>15</b>                   |
| 5. Goose Lake Return (return flow)               | 1                   | 1                    |                     |                      |                             |
| <b>6. Two Culverts (5 Culverts)</b>              |                     |                      | <b>68</b>           | <b>56</b>            | <b>15</b>                   |
| 7. Billy Lake Return (augmentation point)        | 0.9                 | 1                    |                     |                      |                             |
| <b>8. Mazourka Canyon Road</b>                   |                     |                      | <b>60</b>           | <b>53</b>            | <b>15</b>                   |
| 9. Locust Ditch Return (augmentation point)      | 0                   | 0                    |                     |                      |                             |
| <b>10. Manzanar Reward Road</b>                  |                     |                      | <b>61</b>           | <b>55</b>            | <b>15</b>                   |
| 11. Georges Ditch Return (augmentation point)    | 6                   | 1                    |                     |                      |                             |
| <b>12. Reinhackle Springs</b>                    |                     |                      | <b>61</b>           | <b>53</b>            | <b>15</b>                   |
| 13. Alabama Gates Return (augmentation point)    | 10                  | 1                    |                     |                      |                             |
| <b>14. Lone Pine Narrow Gage Road</b>            |                     |                      | <b>36</b>           | <b>42</b>            | <b>10</b>                   |
| <b>15. Keeler Bridge</b>                         |                     |                      | <b>38</b>           | <b>42</b>            | <b>10</b>                   |
| 16a. Pump Station                                |                     |                      | 28                  | 36                   |                             |
| 16b. Langemann Gate to Delta                     |                     |                      | 6                   | 6                    |                             |
| 16c. Weir to Delta                               |                     |                      | 0                   | 1                    |                             |
| <b>16. At Pumpback Station <sup>1</sup></b>      |                     |                      | <b>34</b>           | <b>43</b>            | <b>9</b>                    |
| <b>LORP In Channel Average Flow <sup>2</sup></b> |                     |                      | <b>56</b>           | <b>52</b>            |                             |

Pump Station Month-to-Date Average Flow 40 cfs

### Blackrock Waterfowl Habitat Area

| Flooded Unit       | Area      | Last Collected | Flow Rate | Flow Set Date |
|--------------------|-----------|----------------|-----------|---------------|
| Winterton          | 9 Acres   | 05/29/2009     | 6 cfs     | 06/01/2009    |
| Drew               | 56 Acres  | 05/26/2009     | 4.7 cfs   | 06/01/2009    |
| Waggoner           | 66 Acres  | 05/27/2009     | 4.7 cfs   | 06/01/2009    |
| Total Flooded Area | 131 Acres |                |           |               |

(Runoff Year 2009-10 Year-Date Average: 144 Acres - Requirement is 355 Acres)

(Note: Winterton was turned on 6/1/2009 to support waterfowl acreage, Thibaut is off except for pond flow.)

### Off-River Lakes and Ponds

|                           |          |                              |
|---------------------------|----------|------------------------------|
| Upper Twin Lake Gage Read | 2.46 ft  | (Last Collected: 06/22/2009) |
| Lower Twin Lake Gage Read | 2.23 ft  |                              |
| Goose Lake Gage Read      | 2.41 ft  |                              |
| Thibaut Pond Flooded Area | 28 Acres | (Last Collected: 05/28/2009) |

1. Above Pump Station not constructed, the flow is the sum of the Pump station discharge, the Langemann Gate releases to the delta, and flow over the spillway weir to the delta.
2. Currently the average of stations 1,2,4,6,8,10,12,14,15,&16.

Note - All Data shown in this report is from field electronic measuring and data collection devices.

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## Lower Owens River Project Flow Report for 06/26/2009

| LORP Measuring Station                           | Augmenting Flows    |                      | Owens River Flows   |                      |                             |
|--------------------------------------------------|---------------------|----------------------|---------------------|----------------------|-----------------------------|
|                                                  | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | # Days o last 15 at 40+ cf: |
| <b>1. Below River Intake (permanent station)</b> |                     |                      | <b>71</b>           | <b>63</b>            | 15                          |
| <b>2. Above Blackrock Ditch Return</b>           |                     |                      | <b>71</b>           | <b>60</b>            | 15                          |
| 3. Blackrock Ditch Return (augmentation point)   | 2                   | 3                    |                     |                      |                             |
| <b>4. East of Goose Lake</b>                     |                     |                      | <b>75</b>           | <b>61</b>            | 15                          |
| 5. Goose Lake Return (return flow)               | 1                   | 1                    |                     |                      |                             |
| <b>6. Two Culverts (5 Culverts)</b>              |                     |                      | <b>69</b>           | <b>58</b>            | 15                          |
| 7. Billy Lake Return (augmentation point)        | 0.9                 | 1                    |                     |                      |                             |
| <b>8. Mazourka Canyon Road</b>                   |                     |                      | <b>61</b>           | <b>54</b>            | 15                          |
| 9. Locust Ditch Return (augmentation point)      | 0                   | 0                    |                     |                      |                             |
| <b>10. Manzanar Reward Road</b>                  |                     |                      | <b>62</b>           | <b>56</b>            | 15                          |
| 11. Georges Ditch Return (augmentation point)    | 7                   | 1                    |                     |                      |                             |
| <b>12. Reinhackle Springs</b>                    |                     |                      | <b>60</b>           | <b>54</b>            | 15                          |
| 13. Alabama Gates Return (augmentation point)    | 10                  | 2                    |                     |                      |                             |
| <b>14. Lone Pine Narrow Gage Road</b>            |                     |                      | <b>39</b>           | <b>41</b>            | 9                           |
| <b>15. Keeler Bridge</b>                         |                     |                      | <b>37</b>           | <b>41</b>            | 9                           |
| 16a. Pump Station                                |                     |                      | 28                  | 35                   |                             |
| 16b. Langemann Gate to Delta                     |                     |                      | 5                   | 6                    |                             |
| 16c. Weir to Delta                               |                     |                      | 0                   | 0                    |                             |
| <b>16. At Pumpback Station <sup>1</sup></b>      |                     |                      | <b>33</b>           | <b>41</b>            | 8                           |
| <b>LORP In Channel Average Flow <sup>2</sup></b> |                     |                      | <b>57</b>           | <b>52</b>            |                             |

Pump Station Month-to-Date Average Flow 39 cfs

### Blackrock Waterfowl Habitat Area

| Flooded Unit       | Area      | Last Collected | Flow Rate | Flow Set Date |
|--------------------|-----------|----------------|-----------|---------------|
| Winterton          | 9 Acres   | 05/29/2009     | 6 cfs     | 06/01/2009    |
| Drew               | 56 Acres  | 05/26/2009     | 4.7 cfs   | 06/01/2009    |
| Waggoner           | 66 Acres  | 05/27/2009     | 4.7 cfs   | 06/01/2009    |
| Total Flooded Area | 131 Acres |                |           |               |

(Runoff Year 2009-10 Year-Date Average: 144 Acres - Requirement is 355 Acres)

(Note: Winterton was turned on 6/1/2009 to support waterfowl acreage, Thibaut is off except for pond flow.)

### Off-River Lakes and Ponds

|                           |          |                              |
|---------------------------|----------|------------------------------|
| Upper Twin Lake Gage Read | 2.46 ft  | (Last Collected: 06/22/2009) |
| Lower Twin Lake Gage Read | 2.23 ft  |                              |
| Goose Lake Gage Read      | 2.41 ft  |                              |
| Thibaut Pond Flooded Area | 28 Acres | (Last Collected: 05/28/2009) |

1. Above Pump Station not constructed, the flow is the sum of the Pump station discharge, the Langemann Gate releases to the delta, and flow over the spillway weir to the delta.
2. Currently the average of stations 1,2,4,6,8,10,12,14,15,&16.

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## Lower Owens River Project Flow Report for 06/27/2009

| LORP Measuring Station                           | Augmenting Flows    |                      | Owens River Flows   |                      |                              |
|--------------------------------------------------|---------------------|----------------------|---------------------|----------------------|------------------------------|
|                                                  | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | # Days of last 15 at 40+ cfs |
| <b>1. Below River Intake (permanent station)</b> |                     |                      | <b>73</b>           | <b>64</b>            | 15                           |
| <b>2. Above Blackrock Ditch Return</b>           |                     |                      | <b>70</b>           | <b>62</b>            | 15                           |
| 3. Blackrock Ditch Return (augmentation point)   | 1                   | 3                    |                     |                      |                              |
| <b>4. East of Goose Lake</b>                     |                     |                      | <b>75</b>           | <b>63</b>            | 15                           |
| 5. Goose Lake Return (return flow)               | 1                   | 1                    |                     |                      |                              |
| <b>6. Two Culverts (5 Culverts)</b>              |                     |                      | <b>71</b>           | <b>59</b>            | 15                           |
| 7. Billy Lake Return (augmentation point)        | 0.9                 | 1                    |                     |                      |                              |
| <b>8. Mazourka Canyon Road</b>                   |                     |                      | <b>63</b>           | <b>55</b>            | 15                           |
| 9. Locust Ditch Return (augmentation point)      | 0                   | 0                    |                     |                      |                              |
| <b>10. Manzanar Reward Road</b>                  |                     |                      | <b>63</b>           | <b>56</b>            | 15                           |
| 11. Georges Ditch Return (augmentation point)    | 7                   | 2                    |                     |                      |                              |
| <b>12. Reinhackle Springs</b>                    |                     |                      | <b>61</b>           | <b>54</b>            | 15                           |
| 13. Alabama Gates Return (augmentation point)    | 10                  | 2                    |                     |                      |                              |
| <b>14. Lone Pine Narrow Gage Road</b>            |                     |                      | <b>44</b>           | <b>41</b>            | 9                            |
| <b>15. Keeler Bridge</b>                         |                     |                      | <b>39</b>           | <b>40</b>            | 8                            |
| 16a. Pump Station                                |                     |                      | 29                  | 34                   |                              |
| 16b. Langemann Gate to Delta                     |                     |                      | 6                   | 6                    |                              |
| 16c. Weir to Delta                               |                     |                      | 0                   | 0                    |                              |
| <b>16. At Pumpback Station <sup>1</sup></b>      |                     |                      | <b>35</b>           | <b>40</b>            | 7                            |
| <b>LORP In Channel Average Flow <sup>2</sup></b> |                     |                      | <b>59</b>           | <b>53</b>            |                              |

Pump Station Month-to-Date Average Flow 39 cfs

### Blackrock Waterfowl Habitat Area

| Flooded Unit              | Area             | Last Collected | Flow Rate | Flow Set Date |
|---------------------------|------------------|----------------|-----------|---------------|
| Winterton                 | 9 Acres          | 05/29/2009     | 6 cfs     | 06/01/2009    |
| Drew                      | 56 Acres         | 05/26/2009     | 4.7 cfs   | 06/01/2009    |
| Waggoner                  | 66 Acres         | 05/27/2009     | 4.7 cfs   | 06/01/2009    |
| <b>Total Flooded Area</b> | <b>131 Acres</b> |                |           |               |

(Runoff Year 2009-10 Year-Date Average: 144 Acres - Requirement is 355 Acres)

(Note: Winterton was turned on 6/1/2009 to support waterfowl acreage, Thibaut is off except for pond flow.)

### Off-River Lakes and Ponds

|                           |          |                              |
|---------------------------|----------|------------------------------|
| Upper Twin Lake Gage Read | 2.46 ft  | (Last Collected: 06/22/2009) |
| Lower Twin Lake Gage Read | 2.23 ft  |                              |
| Goose Lake Gage Read      | 2.41 ft  |                              |
| Thibaut Pond Flooded Area | 28 Acres | (Last Collected: 05/28/2009) |

1. Above Pump Station not constructed, the flow is the sum of the Pump station discharge, the Langemann Gate releases to the delta, and flow over the spillway weir to the delta.
2. Currently the average of stations 1,2,4,6,8,10,12,14,15,&16.

Note - All Data shown in this report is from field electronic measuring and data collection devices.

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## Lower Owens River Project Flow Report for 06/28/2009

| LORP Measuring Station                           | Augmenting Flows    |                      | Owens River Flows   |                      |                              |
|--------------------------------------------------|---------------------|----------------------|---------------------|----------------------|------------------------------|
|                                                  | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | # Days of last 15 at 40+ cfs |
| <b>1. Below River Intake (permanent station)</b> |                     |                      | <b>76</b>           | <b>66</b>            | <b>15</b>                    |
| <b>2. Above Blackrock Ditch Return</b>           |                     |                      | <b>71</b>           | <b>63</b>            | <b>15</b>                    |
| 3. Blackrock Ditch Return (augmentation point)   | 1                   | 3                    |                     |                      |                              |
| <b>4. East of Goose Lake</b>                     |                     |                      | <b>75</b>           | <b>64</b>            | <b>15</b>                    |
| 5. Goose Lake Return (return flow)               | 1                   | 1                    |                     |                      |                              |
| <b>6. Two Culverts (5 Culverts)</b>              |                     |                      | <b>72</b>           | <b>60</b>            | <b>15</b>                    |
| 7. Billy Lake Return (augmentation point)        | 0.9                 | 1                    |                     |                      |                              |
| <b>8. Mazourka Canyon Road</b>                   |                     |                      | <b>64</b>           | <b>56</b>            | <b>15</b>                    |
| 9. Locust Ditch Return (augmentation point)      | 0                   | 0                    |                     |                      |                              |
| <b>10. Manzanar Reward Road</b>                  |                     |                      | <b>65</b>           | <b>57</b>            | <b>15</b>                    |
| 11. Georges Ditch Return (augmentation point)    | 7                   | 2                    |                     |                      |                              |
| <b>12. Reinhackle Springs</b>                    |                     |                      | <b>62</b>           | <b>55</b>            | <b>15</b>                    |
| 13. Alabama Gates Return (augmentation point)    | 10                  | 3                    |                     |                      |                              |
| <b>14. Lone Pine Narrow Gage Road</b>            |                     |                      | <b>48</b>           | <b>41</b>            | <b>9</b>                     |
| <b>15. Keeler Bridge</b>                         |                     |                      | <b>42</b>           | <b>40</b>            | <b>8</b>                     |
| 16a. Pump Station                                |                     |                      | 32                  | 33                   |                              |
| 16b. Langemann Gate to Delta                     |                     |                      | 6                   | 6                    |                              |
| 16c. Weir to Delta                               |                     |                      | 0                   | 0                    |                              |
| <b>16. At Pumpback Station <sup>1</sup></b>      |                     |                      | <b>38</b>           | <b>39</b>            | <b>6</b>                     |
| <b>LORP In Channel Average Flow <sup>2</sup></b> |                     |                      | <b>61</b>           | <b>54</b>            |                              |

Pump Station Month-to-Date Average Flow                      39 cfs

### Blackrock Waterfowl Habitat Area

| Flooded Unit              | Area             | Last Collected | Flow Rate | Flow Set Date |
|---------------------------|------------------|----------------|-----------|---------------|
| Winterton                 | 9 Acres          | 05/29/2009     | 6 cfs     | 06/01/2009    |
| Drew                      | 56 Acres         | 05/26/2009     | 4.7 cfs   | 06/01/2009    |
| Waggoner                  | 66 Acres         | 05/27/2009     | 4.7 cfs   | 06/01/2009    |
| <b>Total Flooded Area</b> | <b>131 Acres</b> |                |           |               |

(Runoff Year 2009-10 Year-Date Average: 144 Acres - Requirement is 355 Acres)

(Note: Winterton was turned on 6/1/2009 to support waterfowl acreage, Thibaut is off except for pond flow.)

### Off-River Lakes and Ponds

|                           |          |                              |
|---------------------------|----------|------------------------------|
| Upper Twin Lake Gage Read | 2.46 ft  | (Last Collected: 06/22/2009) |
| Lower Twin Lake Gage Read | 2.23 ft  |                              |
| Goose Lake Gage Read      | 2.41 ft  |                              |
| Thibaut Pond Flooded Area | 28 Acres | (Last Collected: 05/28/2009) |

1. Above Pump Station not constructed, the flow is the sum of the Pump station discharge, the Langemann Gate releases to the delta, and flow over the spillway weir to the delta.
2. Currently the average of stations 1,2,4,6,8,10,12,14,15,&16.

Note - All Data shown in this report is from field electronic measuring and data collection devices.

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## Lower Owens River Project Flow Report for 06/29/2009

| LORP Measuring Station                           | Augmenting Flows    |                      | Owens River Flows   |                      |                              |
|--------------------------------------------------|---------------------|----------------------|---------------------|----------------------|------------------------------|
|                                                  | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | # Days of last 15 at 40+ cfs |
| <b>1. Below River Intake (permanent station)</b> |                     |                      | <b>80</b>           | <b>67</b>            | <b>15</b>                    |
| <b>2. Above Blackrock Ditch Return</b>           |                     |                      | <b>72</b>           | <b>64</b>            | <b>15</b>                    |
| 3. Blackrock Ditch Return (augmentation point)   | 1                   | 3                    |                     |                      |                              |
| <b>4. East of Goose Lake</b>                     |                     |                      | <b>76</b>           | <b>66</b>            | <b>15</b>                    |
| 5. Goose Lake Return (return flow)               | 1                   | 1                    |                     |                      |                              |
| <b>6. Two Culverts (5 Culverts)</b>              |                     |                      | <b>73</b>           | <b>61</b>            | <b>15</b>                    |
| 7. Billy Lake Return (augmentation point)        | 0.9                 | 1                    |                     |                      |                              |
| <b>8. Mazourka Canyon Road</b>                   |                     |                      | <b>64</b>           | <b>57</b>            | <b>15</b>                    |
| 9. Locust Ditch Return (augmentation point)      | 0                   | 0                    |                     |                      |                              |
| <b>10. Manzanar Reward Road</b>                  |                     |                      | <b>66</b>           | <b>58</b>            | <b>15</b>                    |
| 11. Georges Ditch Return (augmentation point)    | 7                   | 3                    |                     |                      |                              |
| <b>12. Reinhackle Springs</b>                    |                     |                      | <b>64</b>           | <b>55</b>            | <b>15</b>                    |
| 13. Alabama Gates Return (augmentation point)    | 10                  | 4                    |                     |                      |                              |
| <b>14. Lone Pine Narrow Gage Road</b>            |                     |                      | <b>50</b>           | <b>41</b>            | <b>9</b>                     |
| <b>15. Keeler Bridge</b>                         |                     |                      | <b>46</b>           | <b>40</b>            | <b>8</b>                     |
| 16a. Pump Station                                |                     |                      | 37                  | 33                   |                              |
| 16b. Langemann Gate to Delta                     |                     |                      | 6                   | 6                    |                              |
| 16c. Weir to Delta                               |                     |                      | 0                   | 0                    |                              |
| <b>16. At Pumpback Station <sup>1</sup></b>      |                     |                      | <b>43</b>           | <b>39</b>            | <b>6</b>                     |
| <b>LORP In Channel Average Flow <sup>2</sup></b> |                     |                      | <b>63</b>           | <b>54</b>            |                              |

Pump Station Month-to-Date Average Flow                      39 cfs

### Blackrock Waterfowl Habitat Area

| Flooded Unit              | Area             | Last Collected | Flow Rate | Flow Set Date |
|---------------------------|------------------|----------------|-----------|---------------|
| Winterton                 | 9 Acres          | 05/29/2009     | 6 cfs     | 06/01/2009    |
| Drew                      | 56 Acres         | 05/26/2009     | 4.7 cfs   | 06/01/2009    |
| Waggoner                  | 66 Acres         | 05/27/2009     | 4.7 cfs   | 06/01/2009    |
| <b>Total Flooded Area</b> | <b>131 Acres</b> |                |           |               |

(Runoff Year 2009-10 Year-Date Average: 144 Acres - Requirement is 355 Acres)

(Note: Winterton was turned on 6/1/2009 to support waterfowl acreage, Thibaut is off except for pond flow.)

### Off-River Lakes and Ponds

|                           |          |                              |
|---------------------------|----------|------------------------------|
| Upper Twin Lake Gage Read | 2.46 ft  | (Last Collected: 06/22/2009) |
| Lower Twin Lake Gage Read | 2.23 ft  |                              |
| Goose Lake Gage Read      | 2.41 ft  |                              |
| Thibaut Pond Flooded Area | 28 Acres | (Last Collected: 05/28/2009) |

1. Above Pump Station not constructed, the flow is the sum of the Pump station discharge, the Langemann Gate releases to the delta, and flow over the spillway weir to the delta.
2. Currently the average of stations 1,2,4,6,8,10,12,14,15,&16.

Note - All Data shown in this report is from field electronic measuring and data collection devices.

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## Lower Owens River Project Flow Report for 06/30/2009

| LORP Measuring Station                           | Augmenting Flows    |                      | Owens River Flows   |                      |                              |
|--------------------------------------------------|---------------------|----------------------|---------------------|----------------------|------------------------------|
|                                                  | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | Daily Avg Flow(cfs) | 15 Day Avg Flow(cfs) | # Days of last 15 at 40+ cfs |
| <b>1. Below River Intake (permanent station)</b> |                     |                      | <b>84</b>           | <b>70</b>            | <b>15</b>                    |
| <b>2. Above Blackrock Ditch Return</b>           |                     |                      | <b>77</b>           | <b>66</b>            | <b>15</b>                    |
| 3. Blackrock Ditch Return (augmentation point)   | 2                   | 2                    |                     |                      |                              |
| <b>4. East of Goose Lake</b>                     |                     |                      | <b>79</b>           | <b>68</b>            | <b>15</b>                    |
| 5. Goose Lake Return (return flow)               | 1                   | 1                    |                     |                      |                              |
| <b>6. Two Culverts (5 Culverts)</b>              |                     |                      | <b>73</b>           | <b>63</b>            | <b>15</b>                    |
| 7. Billy Lake Return (augmentation point)        | 0.9                 | 1                    |                     |                      |                              |
| <b>8. Mazourka Canyon Road</b>                   |                     |                      | <b>65</b>           | <b>58</b>            | <b>15</b>                    |
| 9. Locust Ditch Return (augmentation point)      | 0                   | 0                    |                     |                      |                              |
| <b>10. Manzanar Reward Road</b>                  |                     |                      | <b>68</b>           | <b>59</b>            | <b>15</b>                    |
| 11. Georges Ditch Return (augmentation point)    | 7                   | 3                    |                     |                      |                              |
| <b>12. Reinhackle Springs</b>                    |                     |                      | <b>65</b>           | <b>56</b>            | <b>15</b>                    |
| 13. Alabama Gates Return (augmentation point)    | 5                   | 4                    |                     |                      |                              |
| <b>14. Lone Pine Narrow Gage Road</b>            |                     |                      | <b>52</b>           | <b>42</b>            | <b>9</b>                     |
| <b>15. Keeler Bridge</b>                         |                     |                      | <b>49</b>           | <b>41</b>            | <b>8</b>                     |
| 16a. Pump Station                                |                     |                      | 40                  | 33                   |                              |
| 16b. Langemann Gate to Delta                     |                     |                      | 6                   | 6                    |                              |
| 16c. Weir to Delta                               |                     |                      | 0                   | 0                    |                              |
| <b>16. At Pumpback Station <sup>1</sup></b>      |                     |                      | <b>46</b>           | <b>39</b>            | <b>6</b>                     |
| <b>LORP In Channel Average Flow <sup>2</sup></b> |                     |                      | <b>65</b>           | <b>56</b>            |                              |

Pump Station Month-to-Date Average Flow                      39 cfs

### Blackrock Waterfowl Habitat Area

| Flooded Unit              | Area             | Last Collected | Flow Rate | Flow Set Date |
|---------------------------|------------------|----------------|-----------|---------------|
| Winterton                 | 9 Acres          | 05/29/2009     | 6 cfs     | 06/01/2009    |
| Drew                      | 56 Acres         | 05/26/2009     | 4.7 cfs   | 06/01/2009    |
| Waggoner                  | 66 Acres         | 05/27/2009     | 4.7 cfs   | 06/01/2009    |
| <b>Total Flooded Area</b> | <b>131 Acres</b> |                |           |               |

(Runoff Year 2009-10 Year-Date Average: 144 Acres - Requirement is 355 Acres)

(Note: Winterton was turned on 6/1/2009 to support waterfowl acreage, Thibaut is off except for pond flow.)

### Off-River Lakes and Ponds

|                           |          |                              |
|---------------------------|----------|------------------------------|
| Upper Twin Lake Gage Read | 2.46 ft  | (Last Collected: 06/22/2009) |
| Lower Twin Lake Gage Read | 2.23 ft  |                              |
| Goose Lake Gage Read      | 2.41 ft  |                              |
| Thibaut Pond Flooded Area | 28 Acres | (Last Collected: 05/28/2009) |

1. Above Pump Station not constructed, the flow is the sum of the Pump station discharge, the Langemann Gate releases to the delta, and flow over the spillway weir to the delta.
2. Currently the average of stations 1,2,4,6,8,10,12,14,15,&16.

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FLOW CHANGE REQUEST/NOTIFICATION

ATTN: Don Keen/John Emory/Tim Bachelder

DATE: June 1, 2009

REQUESTED BY: E. Tillemans x30256

FLOW CHANGE LOCATION **Blackrock Ditch & Waterfowl Flows**

Set flows at the diversions from the Blackrock Ditch to the Drew and Waggoner waterfowl units so that each diversion is flowing at 4.7 cfs.  
Turn on flows to the Winterton waterfowl diversion so it is flowing at 6 cfs.  
Reduce flows at Blackrock Ditch Return to the LORP is 2 cfs.

START DATE: June 1, 2009                      TIME: anytime

|             |             |            |                                     |
|-------------|-------------|------------|-------------------------------------|
| CHANGE FLOW | FROM: 4 cfs | TO 4.7 cfs | At diversion to Drew waterfowl      |
|             | FROM: 4 cfs | TO 4.7 cfs | At diversion to Waggoner waterfowl  |
|             | FROM: 0 cfs | TO 6 cfs   | At diversion to Winterton waterfowl |
|             | FROM: 7 cfs | TO 2 cfs   | At Blackrock Ditch Return to LORP   |

C: Gene Coufal  
Charlotte Rodrigues  
Mike Daughtry  
Jim Campbell  
Wayne Hopper  
Ben Butler  
Marq Cole  
William Jones

FLOW CHANGE REQUEST/NOTIFICATION

ATTN: Don Keen/John Emory/Tim Bachelder

DATE: June 3, 2009

REQUESTED BY: E. Tillemans x30256

FLOW CHANGE LOCATION **Thibaut Waterfowl**

Increase flows to the Thibaut Waterfowl area from 0.3 cfs to 1 cfs

START DATE: June 4, 2009 TIME: anytime

CHANGE FLOW FROM: 0.3 cfs TO 1 cfs at diversion to Thibaut Waterfowl

C: Gene Coufal  
Charlotte Rodrigues  
Mike Daughtry  
Jim Campbell  
Wayne Hopper  
Ben Butler  
Marq Cole  
William Jones

FLOW CHANGE REQUEST/NOTIFICATION

ATTN: Don Keen/Todd Bunn/Tim Bachelder

DATE: June 8, 2008

REQUESTED BY: E. Tillemans x30256

FLOW CHANGE LOCATION **Georges Ditch Return**

Turn off flows at Georges Ditch Return from 10 cfs to 0 cfs.

START DATE: June 8, 2008 TIME: anytime

CHANGE FLOW FROM: 10 cfs TO 0 cfs At Georges Return Ditch

C: Gene Coufal  
Charlotte Rodrigues  
Mike Daughtry  
Jim Campbell  
Wayne Hopper  
Ben Butler  
Marq Cole

FLOW CHANGE REQUEST/NOTIFICATION

ATTN: Don Keen/Todd Bunn/Tim Bachelder

DATE: June 17, 2009

REQUESTED BY: E. Tillemans x30256

FLOW CHANGE LOCATION      **LORP Intake**

START DATE: June 17, 2009      TIME: anytime

CHANGE FLOW      FROM: 48 cfs      TO 60 cfs      at LORP Intake

**To maintain required flows to the LORP, monitor and make adjustments to the Aqueduct Intake gates for at least one day following this flow change.**

C:      Gene Coufal  
         Charlotte Rodrigues  
         Mike Daughtry  
         Jim Campbell  
         Wayne Hopper  
         William Jones  
         Marq Cole

FLOW CHANGE REQUEST/NOTIFICATION

ATTN: Don Keen/John Emory/Tim Bachelder

DATE: June 17, 2009

REQUESTED BY: E. Tillemans x30256

FLOW CHANGE LOCATION: **Thibaut Waterfowl**

Increase flows to the Thibaut Waterfowl area from 1 cfs to 2 cfs. Make sure the flow is to the north fork of the diversion ditch.

START DATE: June 17, 2009 TIME: anytime

CHANGE FLOW FROM: 1 cfs TO 2 cfs At diversion to Thibaut Waterfowl

C: Gene Coufal  
Charlotte Rodrigues  
Mike Daughtry  
Jim Campbell  
Wayne Hopper  
Ben Butler  
Marq Cole  
William Jones



FLOW CHANGE REQUEST/NOTIFICATION

ATTN: Don Keen/Todd Bunn/Tim Bachelder

DATE: June 23, 2009

REQUESTED BY: E. Tillemans x30256

FLOW CHANGE LOCATION **Georges Ditch Return**

Turn on flows at Georges Ditch Return from 0 cfs to 6 cfs.

START DATE: June 23, 2009 TIME: anytime

CHANGE FLOW FROM: 0 cfs TO 6 cfs At Georges Return Ditch

C: Gene Coufal  
Charlotte Rodrigues  
Mike Daughtry  
Jim Campbell  
Wayne Hopper  
Ben Butler  
Marq Cole

FLOW CHANGE REQUEST/NOTIFICATION

ATTN: Don Keen/John Emory/Tim Bachelder

DATE: June 24, 2009

REQUESTED BY: E. Tillemans x30256

FLOW CHANGE LOCATION      **LORP Intake & Alabama Spillgates**

START DATE: June 24, 2009      TIME: anytime

|             |              |           |                       |
|-------------|--------------|-----------|-----------------------|
| CHANGE FLOW | FROM: 60 cfs | TO 70 cfs | at LORP Intake        |
|             | FROM: 0 cfs  | TO 10 cfs | at Alabama Spillgates |

**To maintain required flows to the LORP, monitor and make adjustments to the Aqueduct Intake gates for at least one day following this flow change.**

C: Gene Coufal  
Charlotte Rodrigues  
Mike Daughtry  
Jim Campbell  
Wayne Hopper  
William Jones  
Marq Cole

FLOW CHANGE REQUEST/NOTIFICATION

ATTN: Don Keen/John Emory/Tim Bachelder

DATE: June 29, 2009

REQUESTED BY: E. Tillemans x30256

FLOW CHANGE LOCATION **LORP Intake**

START DATE: June 29, 2009 TIME: anytime

CHANGE FLOW FROM: 70 cfs TO 80 cfs at LORP Intake

**To maintain required flows to the LORP, monitor and make adjustments to the Aqueduct Intake gates for at least one day following this flow change.**

C: Gene Coufal  
Charlotte Rodrigues  
Mike Daughtry  
Jim Campbell  
Wayne Hopper  
William Jones  
Marq Cole

FLOW CHANGE REQUEST/NOTIFICATION

ATTN: Don Keen/Todd Bunn/Tim Batchelder

DATE: June 30, 2009

REQUESTED BY: E. Tillemans x30256

FLOW CHANGE LOCATION **Alabama Gates**

Turn off flow at Alabama Gates from 10 cfs to 0 cfs.

START DATE: Tuesday June 30 TIME: anytime

CHANGE FLOW FROM: 10 cfs TO: 0 cfs

C: Gene Coufal  
Charlotte Rodrigues  
Mike Daughtry  
Jim Campbell  
Ben Butler  
Wayne Hopper

## Quality Assurance and Calibration Procedures

The Los Angeles Department of Water and Power has a set standard to assure quality of all hydrological data collected. Procedures used to QA data vary based on the type of data collected and the device used to measure flow.

Data collected from sites utilizing area velocity flow meters are electronically monitored continuously. Sites are physically visited most days of the week to assure debris or vandalism hasn't affected the reading. Errors in the data collected may arise from several sources:

1. The transducers which detect the stage height and velocities have a tendency to drift.
2. Power outages occur occasionally thereby preventing the recording of data to the data loggers.
3. Occasionally the data loggers themselves malfunction.
4. Data can be lost or corrupted when it is transferred from the data loggers to the laptop.

Errors in discharge can originate from the instability of the relationship between velocity and stage height. This relationship varies temporally. It is affected by changes in the streambed that results from the flow of water over the bed, such as scour and fill, aquatic growth, ice, debris, or bed roughness.

To compensate for changes in the constantly shifting conditions multiple current meter measurements at each location per USGS standards are conducted per month. The current meter shots are taken at 2 foot intervals horizontally across the lined sections or 1 foot intervals at the sites where the measurements are taken in culverts. In each vertical section two separate measurements are taken (0.2 and 0.8) of the depth to achieve the best velocity average in the vertical. These vertical discharges are then added together to obtain a total flow in the section. The current meter data is logged in an on-board computer tracking the measurements as taken. That data is then extracted from the on-board computer to a PC using the FlowPack software that allows analysis of the data for erroneous measurements and is then converted to an Excel spreadsheet for ease of storage and printing. See Examples 1 – 3 for printout of software used to validate the current meter data.

Current meter data is used to develop velocity index tables. The tables require a minimum of 6 meter shots. After a table has been developed it is then downloaded into the on-site SonTek software which takes into account any variables within the meter section and applies any shifts to the discharge.

Data is collected and logged every 10 minutes utilizing SonTek area velocity flow meters. The data is downloaded from the meters once per month utilizing software provided by SonTek. The software "ViewArgonaut" gives us the ability to check items relevant to the performance of the meter. Battery voltage, beam strength, noise ratios, depth, and cell distance. (See Example 4) The software provides a trend of the data collected and displays it for quick comparisons, flagging discrepancies, one day at a time. Utilizing the ViewArgonaut software monthly reports are generated and the data is

reviewed. Using the current meter data collected during the month shifts are applied to the discharge to assure accuracy.

### **Augmentation Flows**

Flows at several of the augmentation points are measured using weirs and flumes at sites that were pre-existing. Billy Lake has a one foot Parshall flume, Locust and Georges Returns have three foot weirs installed. All have stilling wells with dataloggers installed. The water surface elevation in the stillwell is measured each time the site is visited and verified it matches the staff gage for correct water depth through the measuring device. The still wells are flushed once every two months to assure the communication line is open and free of debris. The gage height data is logged on a module every 15 minutes. The modules are changed and processed every two weeks. Software used to process the data gives an hourly average gage and converts it to flow. It also gives the maximum and minimum flows for each day and time stamps it. The data is reviewed for any discrepancies which can be caused as a result of debris plugging the measuring device, a plugged stillwell, low batteries, etc.

## SonTek's FlowTracker

All the tools you need to work with the FlowTracker.

Select one of these actions:

[Open a FlowTracker file](#)[Open many FlowTracker files/folders](#)

The current export settings are:

- ☒ Show Discharge Summary Report
- ☒ Export ASCII Discharge file (DIS)
- ☒ Export ASCII Control file (CTL)
- ☒ Export ASCII Summary file (SUM)
- ☒ Export ASCII Data file (DAT)
- ☒ Export FlowPack file (FPX)
- ☒ Put Headers on ASCII files

[Connect to a FlowTracker](#)

To download data and run diagnostics

[Program Settings](#)[Quality Control Settings](#)[Show User's Manual](#)[Show Technical Manual](#)[Show Quick Start](#)[About FlowTracker](#)

English



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070706.0RABR.LOR.WAD

## Discharge Measurement Summary

Date Generated: Thu Sep 27 2007

## File Information

File Name 070706.0RABR.LOR.WAD  
Start Date and Time 2007/07/06 07:48:17

## Site Details

Site Name ORABR  
Operator(s) DJT

## System Information

Sensor Type FlowTracker  
Serial # P1685  
CPU Firmware Version 3.2  
Software Ver 2.11

## Units

## (English Units)

Distance ft  
Velocity ft/s  
Area ft<sup>2</sup>  
Discharge cfs

## Discharge Uncertainty

| Category   | ISO  | Stats |
|------------|------|-------|
| Accuracy   | 1.0% | 1.0%  |
| Depth      | 0.1% | 0.5%  |
| Velocity   | 0.3% | 1.4%  |
| Width      | 0.1% | 0.1%  |
| Method     | 0.8% | -     |
| # Stations | 1.6% | -     |
| Overall    | 2.1% | 1.8%  |

## Summary

|                 |             |                        |                |
|-----------------|-------------|------------------------|----------------|
| Averaging Int.  | 40          | # Stations             | 32             |
| Start Edge      | REW         | Total Width            | 48.100         |
| Mean SNR        | 18.7 dB     | Total Area             | 69.016         |
| Mean Temp       | 73.68 °F    | Mean Depth             | 1.435          |
| Disch. Equation | Mid-Section | Mean Velocity          | 0.6419         |
|                 |             | <b>Total Discharge</b> | <b>44.3025</b> |

## Measurement Results

| St | Clock | Loc   | Method  | Depth | %Dep | MeasD | Vel    | CorrFact | MeanV  | Area  | Flow   | %Q  |
|----|-------|-------|---------|-------|------|-------|--------|----------|--------|-------|--------|-----|
| 0  | 07:48 | 23.60 | None    | 0.000 | 0.0  | 0.0   | 0.0000 | 1.00     | 0.0000 | 0.000 | 0.0000 | 0.0 |
| 1  | 07:48 | 24.60 | 0.6     | 0.360 | 0.6  | 0.144 | 0.2762 | 1.00     | 0.2762 | 0.360 | 0.0994 | 0.2 |
| 2  | 07:50 | 25.60 | 0.6     | 0.640 | 0.6  | 0.256 | 0.5102 | 1.00     | 0.5102 | 0.640 | 0.3266 | 0.7 |
| 3  | 07:51 | 26.60 | 0.6     | 0.880 | 0.6  | 0.352 | 0.5938 | 1.00     | 0.5938 | 0.880 | 0.5225 | 1.2 |
| 4  | 07:52 | 27.60 | 0.6     | 1.180 | 0.6  | 0.472 | 0.6257 | 1.00     | 0.6257 | 1.180 | 0.7383 | 1.7 |
| 5  | 07:54 | 28.60 | 0.6     | 1.390 | 0.6  | 0.556 | 0.6302 | 1.00     | 0.6302 | 1.390 | 0.8761 | 2.0 |
| 6  | 07:55 | 29.60 | 0.2/0.8 | 1.520 | 0.2  | 1.216 | 0.8130 | 1.00     | 0.7078 | 1.520 | 1.0759 | 2.4 |
| 6  | 07:56 | 29.60 | 0.2/0.8 | 1.520 | 0.8  | 0.304 | 0.6027 |          |        |       |        |     |
| 7  | 07:58 | 30.60 | 0.8/0.2 | 1.690 | 0.2  | 1.352 | 0.8468 | 1.00     | 0.7664 | 1.690 | 1.2952 | 2.9 |
| 7  | 07:57 | 30.60 | 0.8/0.2 | 1.690 | 0.8  | 0.338 | 0.6860 |          |        |       |        |     |
| 8  | 07:59 | 31.60 | 0.2/0.8 | 1.700 | 0.2  | 1.360 | 0.8146 | 1.00     | 0.7037 | 2.040 | 1.4357 | 3.2 |
| 8  | 08:00 | 31.60 | 0.2/0.8 | 1.700 | 0.8  | 0.340 | 0.5928 |          |        |       |        |     |
| 9  | 08:03 | 33.00 | 0.8/0.2 | 1.680 | 0.2  | 1.344 | 0.8383 | 1.00     | 0.7408 | 2.016 | 1.4935 | 3.4 |
| 9  | 08:01 | 33.00 | 0.8/0.2 | 1.680 | 0.8  | 0.336 | 0.6434 |          |        |       |        |     |
| 10 | 08:05 | 34.00 | 0.2/0.8 | 1.600 | 0.2  | 1.280 | 0.8724 | 1.00     | 0.7398 | 2.400 | 1.7757 | 4.0 |
| 10 | 08:06 | 34.00 | 0.2/0.8 | 1.600 | 0.8  | 0.320 | 0.6073 |          |        |       |        |     |
| 11 | 08:08 | 36.00 | 0.8/0.2 | 1.520 | 0.2  | 1.216 | 0.8186 | 1.00     | 0.6995 | 3.040 | 2.1264 | 4.8 |
| 11 | 08:07 | 36.00 | 0.8/0.2 | 1.520 | 0.8  | 0.304 | 0.5804 |          |        |       |        |     |
| 12 | 08:09 | 38.00 | 0.2/0.8 | 1.500 | 0.2  | 1.200 | 0.8957 | 1.00     | 0.7461 | 3.000 | 2.2382 | 5.1 |
| 12 | 08:11 | 38.00 | 0.2/0.8 | 1.500 | 0.8  | 0.300 | 0.5965 |          |        |       |        |     |
| 13 | 08:12 | 40.00 | 0.2/0.8 | 1.490 | 0.2  | 1.192 | 0.8245 | 1.00     | 0.6321 | 2.980 | 1.8837 | 4.3 |
| 13 | 08:13 | 40.00 | 0.2/0.8 | 1.490 | 0.8  | 0.298 | 0.4396 |          |        |       |        |     |
| 14 | 08:15 | 42.00 | 0.2/0.8 | 1.510 | 0.2  | 1.208 | 0.8514 | 1.00     | 0.7548 | 3.020 | 2.2791 | 5.1 |
| 14 | 08:16 | 42.00 | 0.2/0.8 | 1.510 | 0.8  | 0.302 | 0.6581 |          |        |       |        |     |
| 15 | 08:18 | 44.00 | 0.8/0.2 | 1.600 | 0.2  | 1.280 | 0.8278 | 1.00     | 0.7026 | 3.200 | 2.2484 | 5.1 |
| 15 | 08:17 | 44.00 | 0.8/0.2 | 1.600 | 0.8  | 0.320 | 0.5774 |          |        |       |        |     |
| 16 | 08:19 | 46.00 | 0.2/0.8 | 1.620 | 0.2  | 1.296 | 0.8018 | 1.00     | 0.6916 | 3.240 | 2.2409 | 5.1 |
| 16 | 08:20 | 46.00 | 0.2/0.8 | 1.620 | 0.8  | 0.324 | 0.5814 |          |        |       |        |     |
| 17 | 08:22 | 48.00 | 0.8/0.2 | 1.700 | 0.2  | 1.360 | 0.8396 | 1.00     | 0.7756 | 3.400 | 2.6372 | 6.0 |
| 17 | 08:21 | 48.00 | 0.8/0.2 | 1.700 | 0.8  | 0.340 | 0.7116 |          |        |       |        |     |
| 18 | 08:23 | 50.00 | 0.2/0.8 | 1.800 | 0.2  | 1.440 | 0.9016 | 1.00     | 0.8251 | 3.600 | 2.9703 | 6.7 |
| 18 | 08:24 | 50.00 | 0.2/0.8 | 1.800 | 0.8  | 0.360 | 0.7487 |          |        |       |        |     |
| 19 | 08:26 | 52.00 | 0.8/0.2 | 1.680 | 0.2  | 1.344 | 0.8271 | 1.00     | 0.7269 | 3.360 | 2.4425 | 5.5 |
| 19 | 08:25 | 52.00 | 0.8/0.2 | 1.680 | 0.8  | 0.336 | 0.6266 |          |        |       |        |     |
| 20 | 08:27 | 54.00 | 0.2/0.8 | 1.780 | 0.2  | 1.424 | 0.7795 | 1.00     | 0.6763 | 3.560 | 2.4076 | 5.4 |
| 20 | 08:28 | 54.00 | 0.2/0.8 | 1.780 | 0.8  | 0.356 | 0.5732 |          |        |       |        |     |
| 21 | 08:30 | 56.00 | 0.8/0.2 | 1.820 | 0.2  | 1.456 | 0.7329 | 1.00     | 0.6097 | 3.640 | 2.2193 | 5.0 |
| 21 | 08:29 | 56.00 | 0.8/0.2 | 1.820 | 0.8  | 0.364 | 0.4865 |          |        |       |        |     |
| 22 | 08:32 | 58.00 | 0.2/0.8 | 1.820 | 0.2  | 1.456 | 0.7123 | 1.00     | 0.5540 | 3.640 | 2.0163 | 4.6 |
| 22 | 08:34 | 58.00 | 0.2/0.8 | 1.820 | 0.8  | 0.364 | 0.3957 |          |        |       |        |     |
| 23 | 08:36 | 60.00 | 0.8/0.2 | 1.800 | 0.2  | 1.440 | 0.6949 | 1.00     | 0.6017 | 3.600 | 2.1660 | 4.9 |
| 23 | 08:35 | 60.00 | 0.8/0.2 | 1.800 | 0.8  | 0.360 | 0.5085 |          |        |       |        |     |



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[Connect to a FlowTracker](#)

To download data and run diagnostics

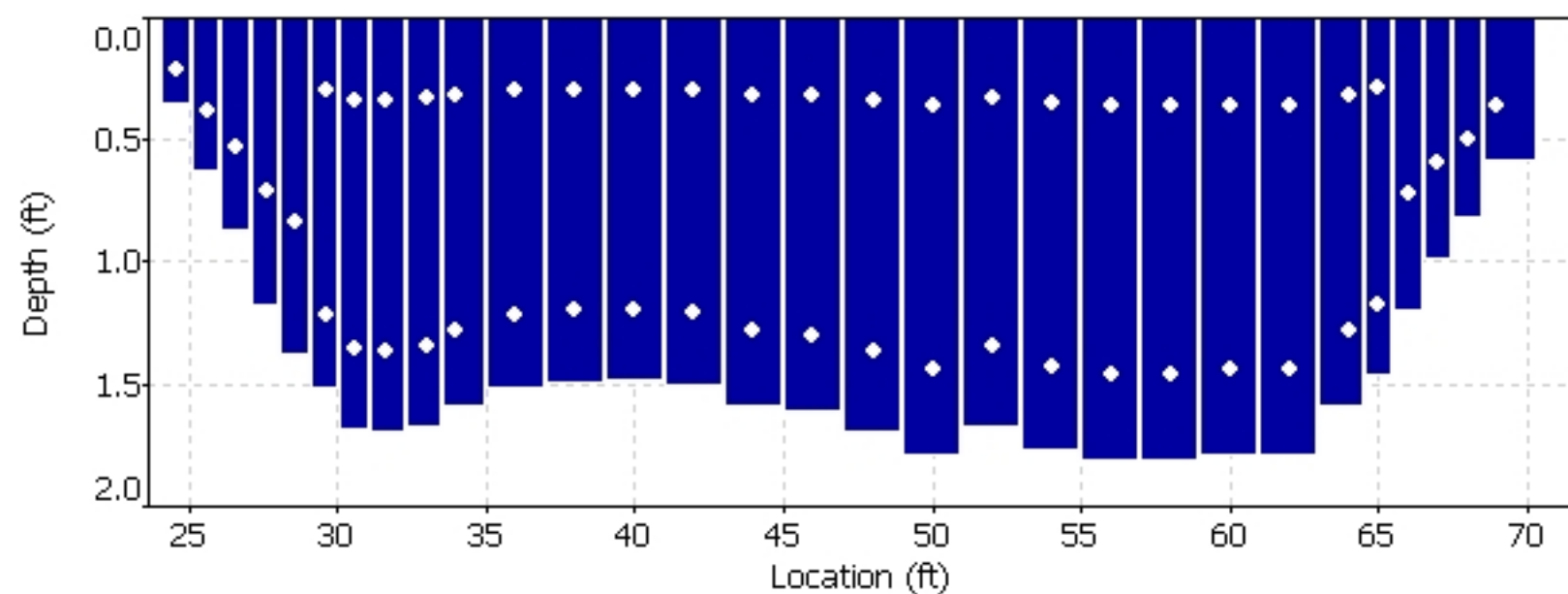
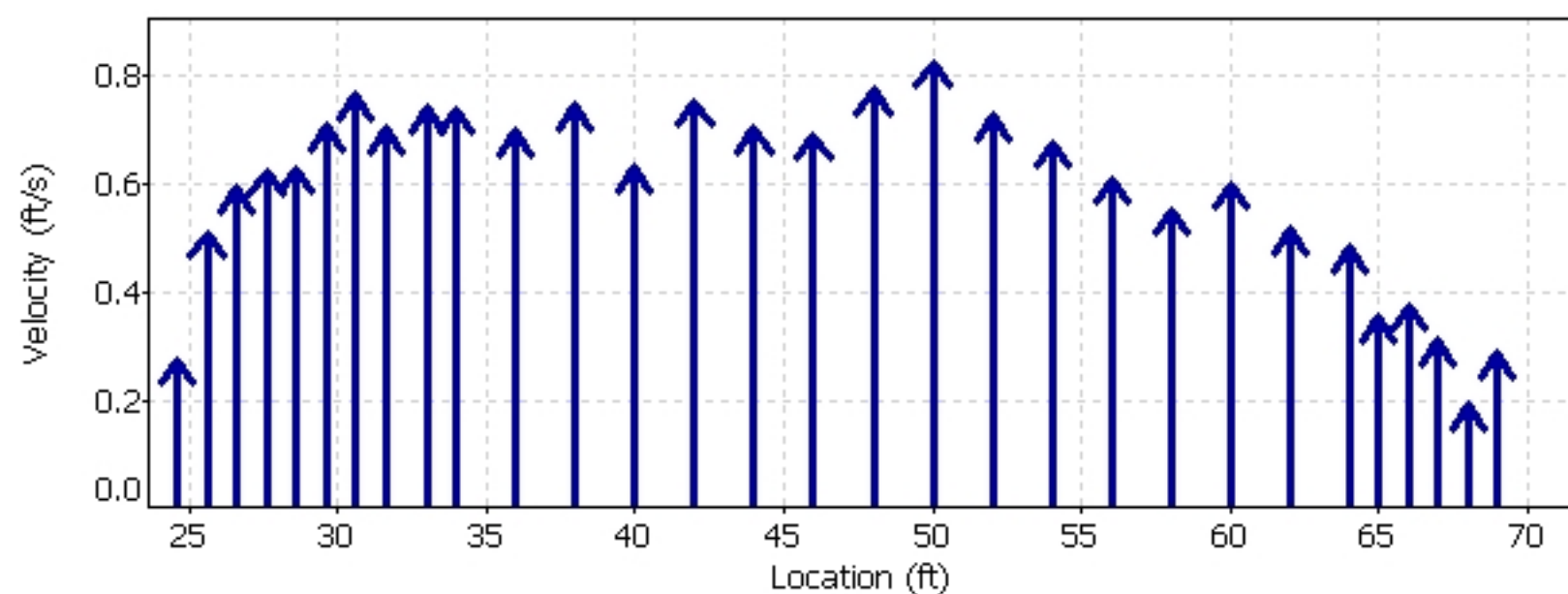
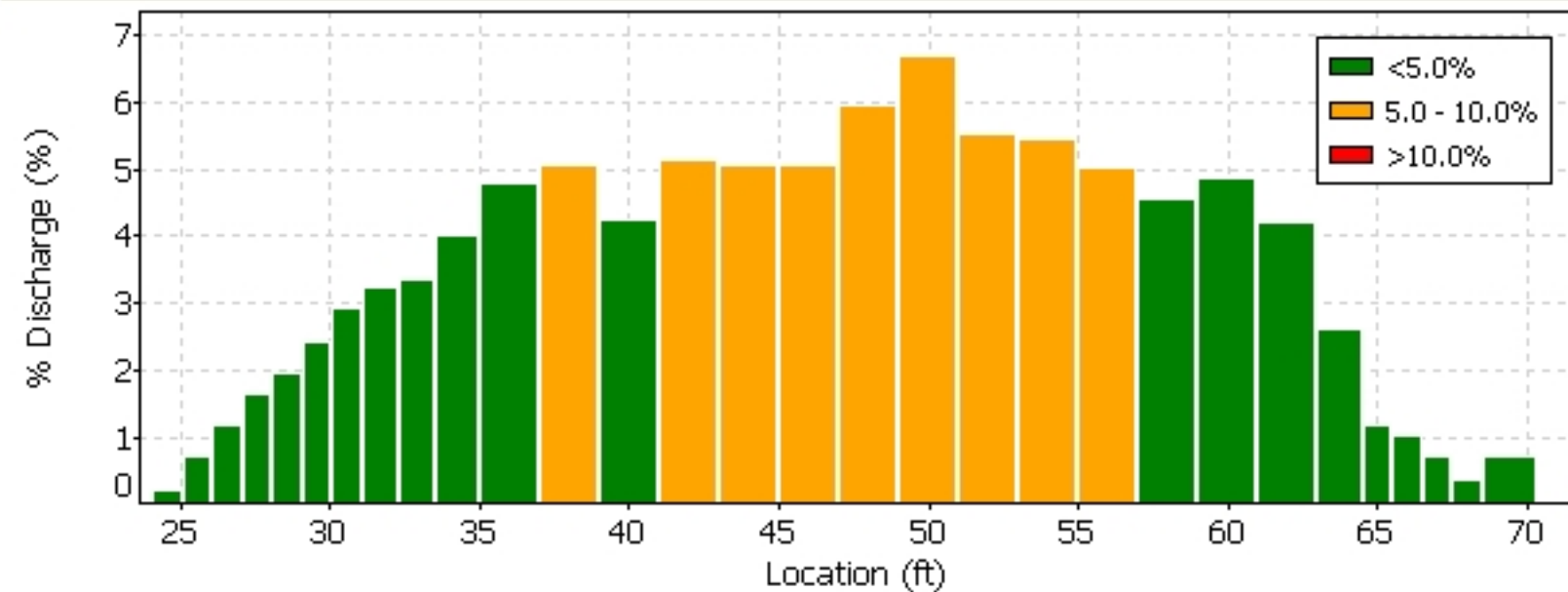
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English



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070706.0RABR.LOR.WAD

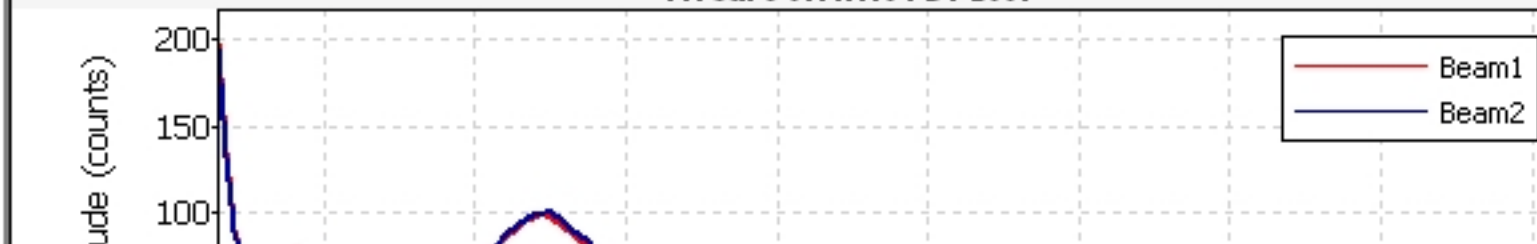


## Quality Control

| St | Loc   | %Dep | Message                    |
|----|-------|------|----------------------------|
| 13 | 40.00 | 0.8  | High standard error: 0.024 |

## Automatic Quality Control Test (BeamCheck)

Fri Jul 6 07:47:10 PDT 2007





## SonTek's FlowTracker

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To download data and run diagnostics

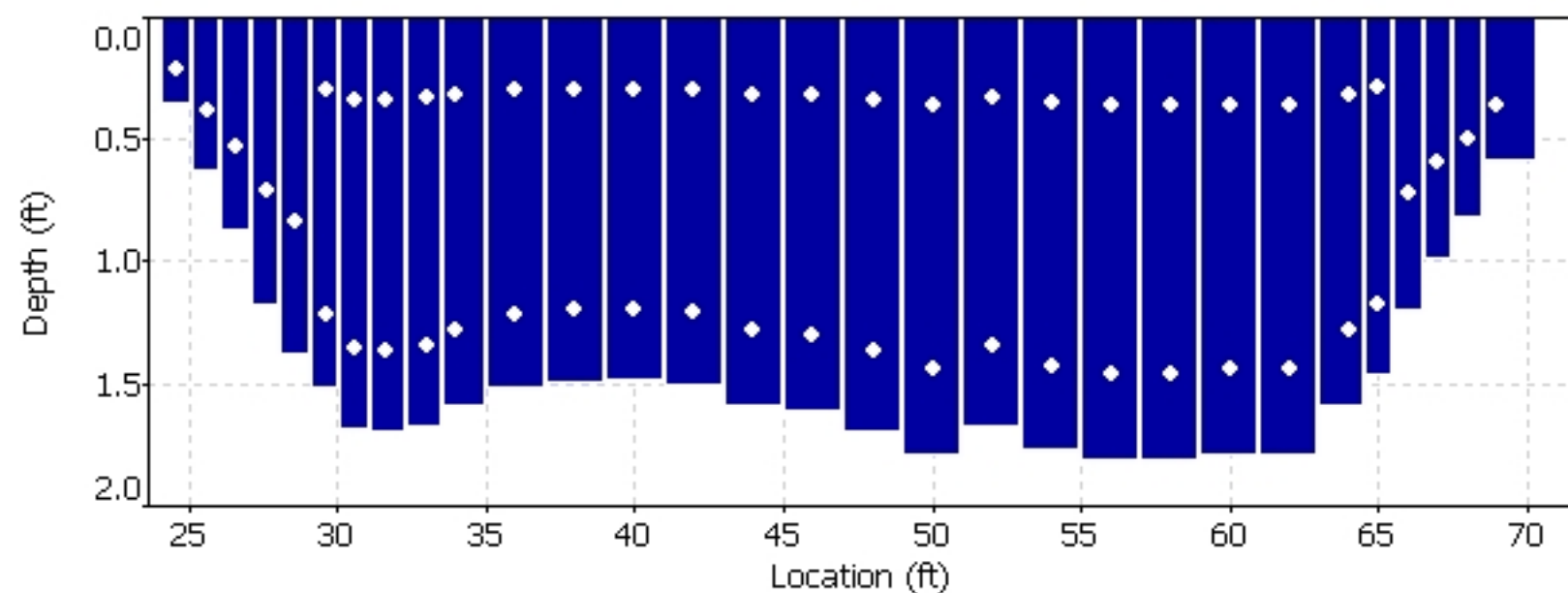
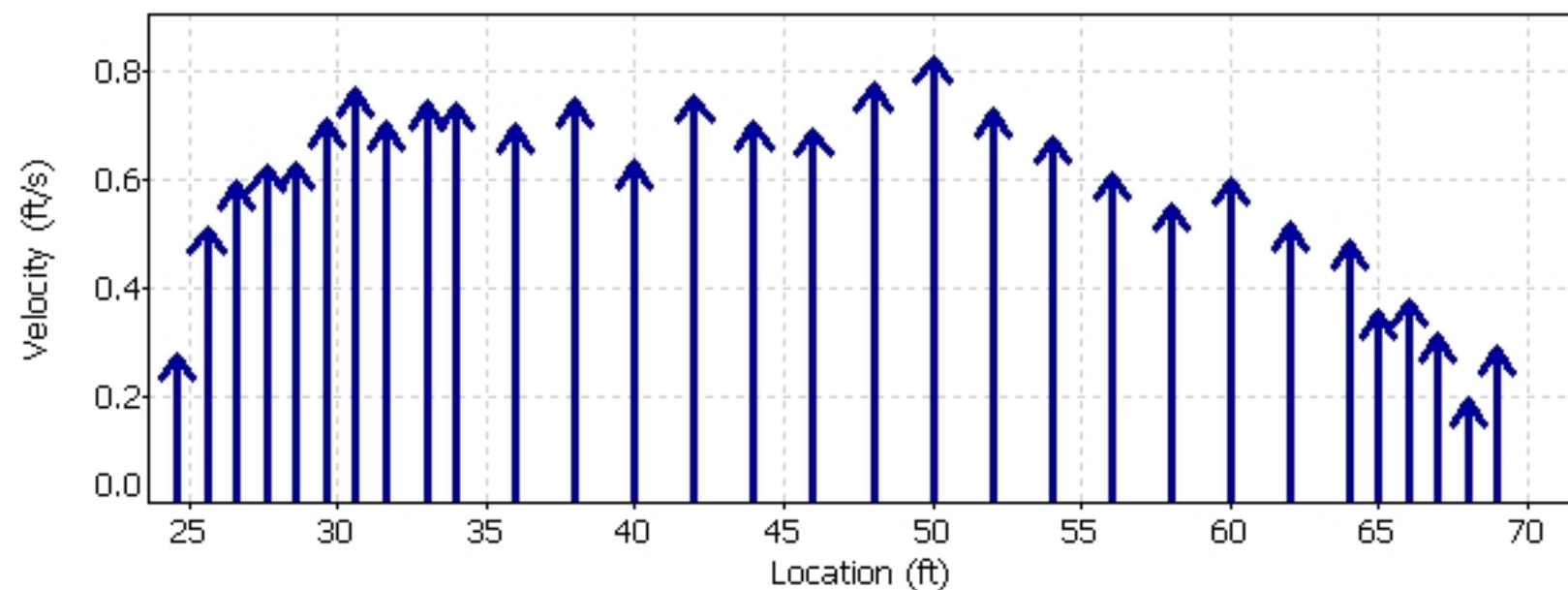
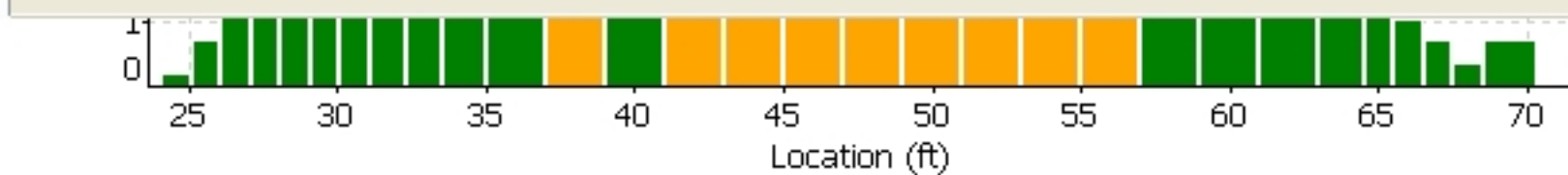
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English



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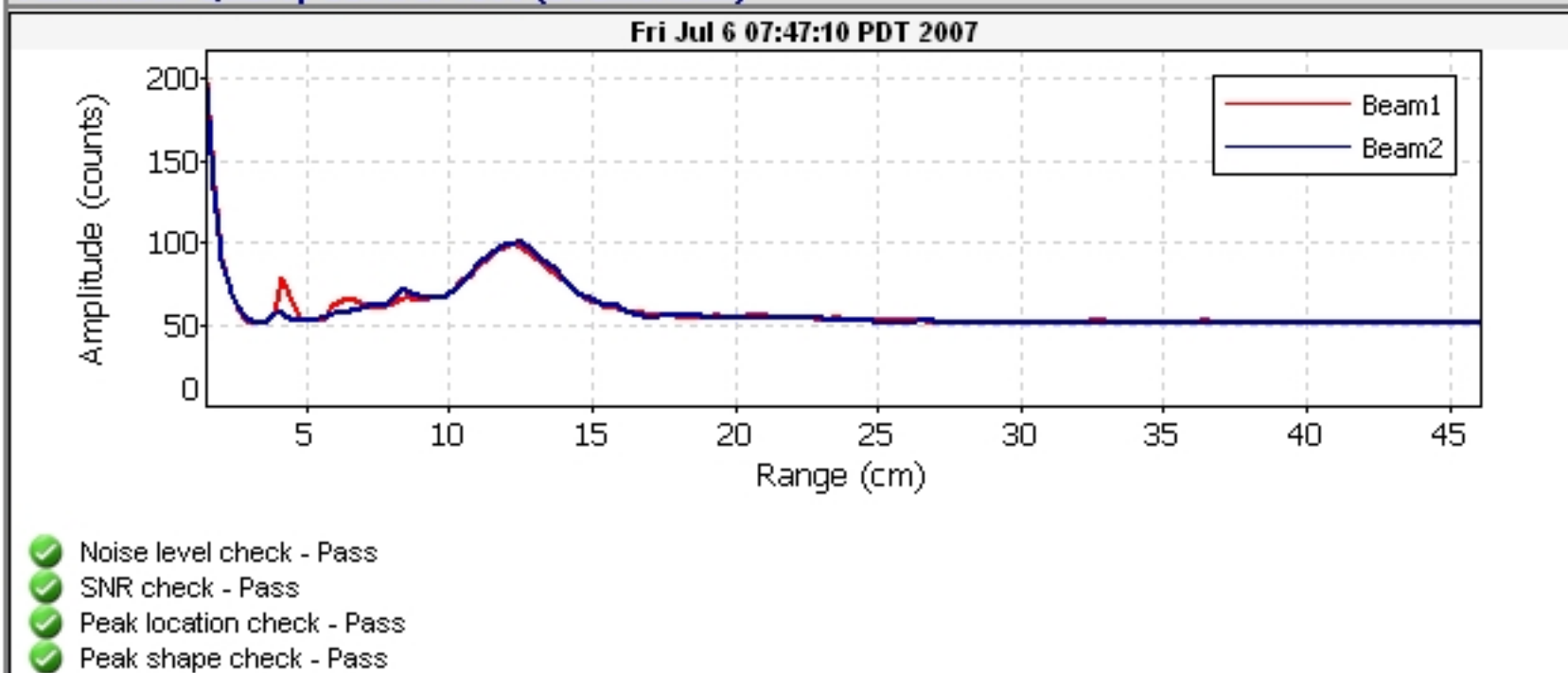
070706.0RABR.LOR.WAD



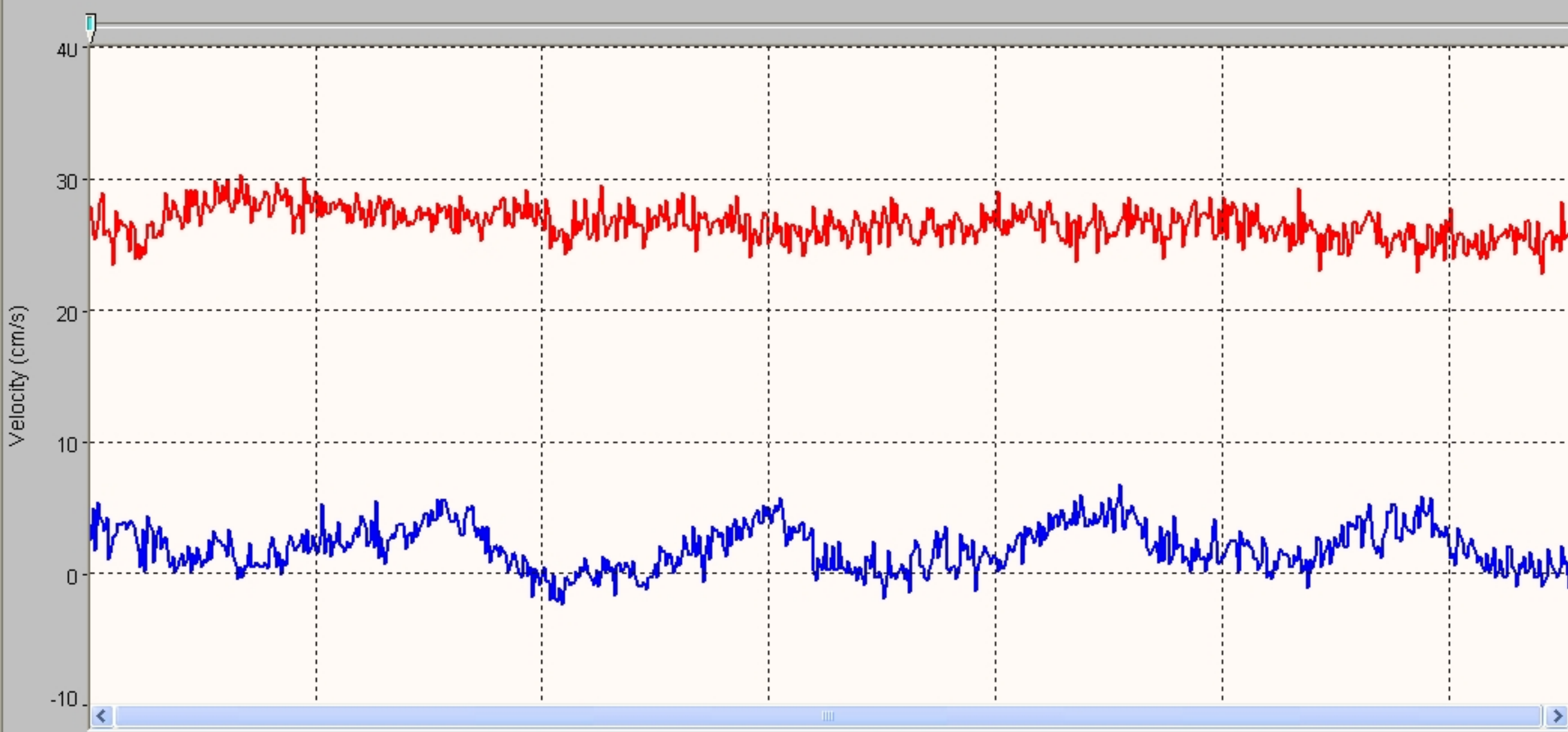
## Quality Control

| St | Loc   | %Dep | Message                    |
|----|-------|------|----------------------------|
| 13 | 40.00 | 0.8  | High standard error: 0.024 |

## Automatic Quality Control Test (BeamCheck)



FileName: BROR\_070801\_a.arg (Argonaut- SW 3000 kHz)



05:58:38 22:38:38 15:18:38 07:58:38 00:38:38 17:18:38  
03/07/2007 03/07/2007 04/07/2007 05/07/2007 06/07/2007 06/07/2007

|               |               |
|---------------|---------------|
| System        | Argonaut-SW   |
| Frequency     | 3000 kHz      |
| File          | BROR_070801_a |
| File Size     | 65.18 kB      |
| Sample No     | 1             |
| Sample Date   | 02/07/2007    |
| Sample Time   | 13:28:38      |
| Time Interval | 180           |

|                |      |
|----------------|------|
| Velocity Data: |      |
| V1/X/E(cm/s)   | 27.8 |
| V2/Y/N(cm/s)   | 2.4  |
| V3/Z/U(cm/s)   | --   |
| Speed (cm/s)   | 27.9 |
| Direction(deg) | 85.1 |

|                    |       |
|--------------------|-------|
| Discharge Summary: |       |
| V Beam (m)         | 0.426 |
| Stage (m)          | 1.304 |
| VMean (cm/s)       | 22.7  |
| Flow (cfs)         | 50.21 |
| Area (m2)          | 6.26  |
| Vol (acre-ft)      | 0.7   |

|                  |      |
|------------------|------|
| Diagnostic Data: |      |
| SNR1 (dB)        | 61   |
| SNR2 (dB)        | 61   |
| SNR3 (dB)        | --   |
| StErr1 (cm/s)    | 0.9  |
| StErr2 (cm/s)    | 0.8  |
| StErr3 (cm/s)    | --   |
| Mean StDev       | 0.9  |
| Battery (V)      | 12.4 |

## DISCHARGE MEASUREMENT SUMMARY

Start Date: 01/06/2009

Start Time: 11:04:31

End Time: 11:51:49

## SITE INFORMATION

Site Name: LOP Intake

Site Number:

Site Location: Cable-Line

## MEASUREMENT INFORMATION

Measurement #: 1

## PERSONNEL AND EQUIPMENT

Party: BFA

Boat/Motor/Platform: Boat

## RATING INFORMATION

Rating Discharge: 48.00 cfs

## SYSTEM INFORMATION

Serial #: M630

Firmware Version: 9.6

System Frequency: 3000 kHz

RiverSurveyor Ver: 1.20

## SYSTEM SETUP

# of Cells: 14

Cell Size: 0.49 ft

Blanking Distance: 0.66 ft

Measurement Mode: Discharge

Azimuth: 210.0 deg

Magnetic Declination: 0.0 deg

Salinity: 34.5 ppt

## MEASUREMENT RESULTS

|        | Distance from<br>initial position<br>ft | Width<br>ft | Total depth<br>of water<br>ft | Time<br>s | Ice<br>thickness<br>ft | Ice<br>depth<br>ft | Mean<br>velocity<br>ft/s | Velocity<br>correction | Area<br>ft2 | Discharge<br>cfs |
|--------|-----------------------------------------|-------------|-------------------------------|-----------|------------------------|--------------------|--------------------------|------------------------|-------------|------------------|
| LEW    | 0.00                                    | 1.00        | 0.00                          | -         | 0.00                   | 0.00               | 0.00                     | 1.00                   | 0.00        | 0.00             |
|        | 2.00                                    | 2.00        | 1.45                          | 70        | 0.00                   | 0.00               | 0.05                     | 1.00                   | 2.90        | 0.15             |
|        | 4.00                                    | 2.00        | 1.58                          | 70        | 0.00                   | 0.00               | 0.25                     | 1.00                   | 3.16        | 0.79             |
|        | 6.00                                    | 2.00        | 2.53                          | 70        | 0.00                   | 0.00               | 0.41                     | 1.00                   | 5.07        | 2.06             |
|        | 8.00                                    | 2.00        | 3.77                          | 70        | 0.00                   | 0.00               | 0.37                     | 1.00                   | 7.54        | 2.82             |
|        | 10.00                                   | 2.00        | 4.80                          | 70        | 0.00                   | 0.00               | 0.33                     | 1.00                   | 9.61        | 3.21             |
|        | 12.00                                   | 2.00        | 5.54                          | 70        | 0.00                   | 0.00               | 0.35                     | 1.00                   | 11.08       | 3.83             |
|        | 14.00                                   | 2.00        | 6.05                          | 70        | 0.00                   | 0.00               | 0.31                     | 1.00                   | 12.10       | 3.74             |
|        | 16.00                                   | 2.00        | 6.27                          | 70        | 0.00                   | 0.00               | 0.30                     | 1.00                   | 12.54       | 3.76             |
|        | 18.00                                   | 2.00        | 6.27                          | 70        | 0.00                   | 0.00               | 0.34                     | 1.00                   | 12.54       | 4.29             |
|        | 20.00                                   | 2.00        | 6.28                          | 70        | 0.00                   | 0.00               | 0.31                     | 1.00                   | 12.56       | 3.92             |
|        | 22.00                                   | 2.00        | 6.30                          | 70        | 0.00                   | 0.00               | 0.30                     | 1.00                   | 12.59       | 3.80             |
|        | 24.00                                   | 2.00        | 6.33                          | 70        | 0.00                   | 0.00               | 0.27                     | 1.00                   | 12.65       | 3.41             |
|        | 26.00                                   | 2.00        | 6.31                          | 70        | 0.00                   | 0.00               | 0.30                     | 1.00                   | 12.61       | 3.76             |
|        | 28.00                                   | 2.00        | 6.21                          | 70        | 0.00                   | 0.00               | 0.21                     | 1.00                   | 12.43       | 2.57             |
|        | 30.00                                   | 2.00        | 6.08                          | 70        | 0.00                   | 0.00               | 0.27                     | 1.00                   | 12.16       | 3.33             |
|        | 32.00                                   | 2.00        | 5.65                          | 70        | 0.00                   | 0.00               | 0.24                     | 1.00                   | 11.31       | 2.72             |
|        | 34.00                                   | 2.00        | 4.83                          | 70        | 0.00                   | 0.00               | 0.19                     | 1.00                   | 9.66        | 1.81             |
|        | 36.00                                   | 2.00        | 3.78                          | 70        | 0.00                   | 0.00               | 0.24                     | 1.00                   | 7.56        | 1.81             |
|        | 38.00                                   | 2.00        | 2.65                          | 70        | 0.00                   | 0.00               | 0.15                     | 1.00                   | 5.30        | 0.78             |
|        | 40.00                                   | 2.00        | 2.20                          | 70        | 0.00                   | 0.00               | 0.04                     | 1.00                   | 4.39        | 0.16             |
|        | 42.00                                   | 2.00        | 2.16                          | 70        | 0.00                   | 0.00               | -0.02                    | 1.00                   | 4.32        | -0.08            |
| REW    | 44.00                                   | 1.00        | 0.00                          | -         | 0.00                   | 0.00               | 0.00                     | 1.00                   | 0.00        | 0.00             |
| TOTALS |                                         | 44.00       |                               |           |                        |                    |                          |                        | 194.07      | 52.64            |

## WEATHER

Partly Cloudy and S 1-5 mph

COMMENTS

## DISCHARGE MEASUREMENT SUMMARY

Start Date: 25/06/2009

Start Time: 08:39:53

End Time: 09:33:04

## SITE INFORMATION

Site Name: LORP Intake

Site Number:

Site Location: Cable-Line

## MEASUREMENT INFORMATION

Measurement #: 1

## PERSONNEL AND EQUIPMENT

Party: BFA

Boat/Motor/Platform: Boat

## RATING INFORMATION

Rating Discharge: 70.00 cfs

## SYSTEM INFORMATION

Serial #: M630

Firmware Version: 9.6

System Frequency: 3000 KHz

RiverSurveyor Ver:

## SYSTEM SETUP

# of Cells: 18

Cell Size: 0.49 ft

Blanking Distance: 0.66 ft

Measurement Mode: Discharge

Azimuth: 210.0 deg

Magnetic Declination: 0.0 deg

Salinity: 34.5 ppt

## MEASUREMENT RESULTS

|        | Distance from<br>initial position<br>ft | Width<br>ft | Total depth<br>of water<br>ft | Time<br>s | Ice<br>thickness<br>ft | Ice<br>depth<br>ft | Mean<br>velocity<br>ft/s | Velocity<br>correction | Area<br>ft2 | Discharge<br>cfs |
|--------|-----------------------------------------|-------------|-------------------------------|-----------|------------------------|--------------------|--------------------------|------------------------|-------------|------------------|
| LEW    | 0.00                                    | 1.00        | 0.00                          | -         | 0.00                   | 0.00               | 0.00                     | 1.00                   | 0.00        | 0.00             |
|        | 2.00                                    | 2.00        | 2.31                          | 70        | 0.00                   | 0.00               | 0.25                     | 1.00                   | 4.63        | 1.14             |
|        | 4.00                                    | 2.00        | 2.71                          | 70        | 0.00                   | 0.00               | 0.31                     | 1.00                   | 5.43        | 1.66             |
|        | 6.00                                    | 2.00        | 3.14                          | 70        | 0.00                   | 0.00               | 0.38                     | 1.00                   | 6.29        | 2.39             |
|        | 8.00                                    | 2.00        | 4.40                          | 70        | 0.00                   | 0.00               | 0.41                     | 1.00                   | 8.80        | 3.65             |
|        | 10.00                                   | 2.00        | 5.45                          | 70        | 0.00                   | 0.00               | 0.36                     | 1.00                   | 10.91       | 3.98             |
|        | 12.00                                   | 2.00        | 6.33                          | 70        | 0.00                   | 0.00               | 0.41                     | 1.00                   | 12.66       | 5.14             |
|        | 14.00                                   | 2.00        | 6.92                          | 70        | 0.00                   | 0.00               | 0.41                     | 1.00                   | 13.85       | 5.70             |
|        | 16.00                                   | 2.00        | 7.29                          | 70        | 0.00                   | 0.00               | 0.40                     | 1.00                   | 14.59       | 5.90             |
|        | 18.00                                   | 2.00        | 7.39                          | 70        | 0.00                   | 0.00               | 0.42                     | 1.00                   | 14.77       | 6.22             |
|        | 20.00                                   | 2.00        | 7.42                          | 70        | 0.00                   | 0.00               | 0.37                     | 1.00                   | 14.85       | 5.54             |
|        | 22.00                                   | 2.00        | 7.44                          | 70        | 0.00                   | 0.00               | 0.42                     | 1.00                   | 14.87       | 6.32             |
|        | 24.00                                   | 2.00        | 7.46                          | 70        | 0.00                   | 0.00               | 0.30                     | 1.00                   | 14.92       | 4.47             |
|        | 26.00                                   | 2.00        | 7.45                          | 70        | 0.00                   | 0.00               | 0.34                     | 1.00                   | 14.90       | 5.14             |
|        | 28.00                                   | 2.00        | 7.34                          | 70        | 0.00                   | 0.00               | 0.24                     | 1.00                   | 14.68       | 3.47             |
|        | 30.00                                   | 2.00        | 7.29                          | 70        | 0.00                   | 0.00               | 0.20                     | 1.00                   | 14.57       | 2.88             |
|        | 32.00                                   | 2.00        | 7.00                          | 70        | 0.00                   | 0.00               | 0.27                     | 1.00                   | 14.01       | 3.76             |
|        | 34.00                                   | 2.00        | 6.36                          | 70        | 0.00                   | 0.00               | 0.22                     | 1.00                   | 12.71       | 2.84             |
|        | 36.00                                   | 2.00        | 5.49                          | 70        | 0.00                   | 0.00               | 0.13                     | 1.00                   | 10.98       | 1.48             |
|        | 38.00                                   | 2.00        | 4.25                          | 70        | 0.00                   | 0.00               | 0.16                     | 1.00                   | 8.50        | 1.37             |
|        | 40.00                                   | 2.00        | 2.98                          | 70        | 0.00                   | 0.00               | -0.02                    | 1.00                   | 5.97        | -0.13            |
|        | 42.00                                   | 2.00        | 2.65                          | 70        | 0.00                   | 0.00               | 0.10                     | 1.00                   | 5.29        | 0.51             |
|        | 44.00                                   | 2.00        | 2.22                          | 70        | 0.00                   | 0.00               | -0.35                    | 1.00                   | 4.44        | -1.56            |
| REW    | 46.00                                   | 1.00        | 0.00                          | -         | 0.00                   | 0.00               | 0.00                     | 1.00                   | 0.00        | 0.00             |
| TOTALS |                                         | 46.00       |                               |           |                        |                    |                          |                        | 242.63      | 71.88            |

## WEATHER

Clear and N 1-5 mph

COMMENTS

File\_Name 090602BK.LOR.WAD  
 Start\_Date\_and\_Time 2009/06/02 08:54:34  
 Site\_Name LOR ABOVE BLACKROCK  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P1685  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge REW  
 #\_Stations 26  
 Total\_Width 49.700 ft  
 Total\_Area 73.876 ft^2  
 Total\_Discharge 49.5733 cfs  
 Mean\_Depth 1.486 ft  
 Mean\_Velocity 0.6710 ft/s  
 Mean\_SNR 30.9 dB  
 Mean\_Verr 0.0127 ft/s  
 Mean\_Temp 64.41 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 2.8 %  
 Accuracy 1.0 %  
 Depth 0.1 %  
 Velocity 0.4 %  
 Width 0.1 %  
 Method 1.7 %  
 #\_Stations 2.0 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 1.7 %  
 Accuracy 1.0 %  
 Depth 0.7 %  
 Velocity 1.1 %  
 Width 0.1 %

#### Supplemental\_Data

Gauge\_Height\_Change 0.000 ft

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/02 | 08:53:14 | 0.000        | 1.310            | 56.4733         |          |
| 02     | 2009/06/02 | 09:24:39 | 70.700       | 1.310            | 58.2734         |          |

## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/2/2009 8:53

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc  | Depth | %Dep | MeasD | Npts | Spike | Vel    | SNR  | Angle | Verr   | Bnd | Temp   | CorrFact | MeanV  | Area   | Flow    | %Q  |
|----|-------|------|-------|------|-------|------|-------|--------|------|-------|--------|-----|--------|----------|--------|--------|---------|-----|
| () | ()    | (ft) | (ft)  | (*D) | (ft)  | ()   | ()    | (ft/s) | (dB) | (deg) | (ft/s) | ()  | (degF) | ()       | (ft/s) | (ft^2) | (cfs)   | (%) |
| 0  | 8:54  | 21   | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0       | 0   |
| 1  | 8:54  | 23   | 0.66  | 0.6  | 0.264 | 40   | 0     | -0.018 | 41.3 | -131  | 0.009  | 0   | 64.2   | 1        | -0.018 | 1.32   | -0.0238 | 0   |
| 2  | 8:55  | 25   | 1.29  | 0.6  | 0.516 | 40   | 0     | 0.26   | 30.1 | -11   | 0.012  | 0   | 64.22  | 1        | 0.2595 | 2.58   | 0.6696  | 1.4 |
| 3  | 8:57  | 27   | 1.62  | 0.6  | 0.648 | 40   | 1     | 0.54   | 29   | 0     | 0.015  | 0   | 64.22  | 1        | 0.5404 | 3.24   | 1.7508  | 3.5 |
| 4  | 8:59  | 29   | 1.79  | 0.6  | 0.716 | 40   | 0     | 0.733  | 30.1 | 4     | 0.018  | 0   | 64.24  | 1        | 0.7329 | 3.58   | 2.624   | 5.3 |
| 5  | 9:00  | 31   | 1.7   | 0.6  | 0.68  | 40   | 0     | 0.808  | 29.9 | 3     | 0.017  | 0   | 64.24  | 1        | 0.8081 | 3.4    | 2.7477  | 5.5 |
| 6  | 9:01  | 33   | 1.62  | 0.6  | 0.648 | 40   | 1     | 0.78   | 30.5 | 1     | 0.015  | 0   | 64.26  | 1        | 0.7795 | 3.24   | 2.5258  | 5.1 |
| 7  | 9:02  | 35   | 1.64  | 0.6  | 0.656 | 40   | 0     | 0.808  | 29.9 | 2     | 0.014  | 0   | 64.29  | 1        | 0.8081 | 3.28   | 2.6506  | 5.3 |
| 8  | 9:03  | 37   | 1.48  | 0.6  | 0.592 | 40   | 0     | 0.775  | 30.3 | 5     | 0.02   | 0   | 64.31  | 1        | 0.7753 | 2.96   | 2.2948  | 4.6 |
| 9  | 9:04  | 39   | 1.51  | 0.6  | 0.604 | 40   | 1     | 0.737  | 30.7 | 5     | 0.014  | 0   | 64.33  | 1        | 0.7365 | 3.02   | 2.2241  | 4.5 |
| 10 | 9:05  | 41   | 1.54  | 0.6  | 0.616 | 40   | 0     | 0.813  | 30.5 | 4     | 0.012  | 0   | 64.35  | 1        | 0.813  | 3.08   | 2.5041  | 5.1 |
| 11 | 9:06  | 43   | 1.6   | 0.6  | 0.64  | 40   | 0     | 0.839  | 30.9 | 3     | 0.019  | 0   | 64.35  | 1        | 0.8392 | 3.2    | 2.6857  | 5.4 |
| 12 | 9:07  | 45   | 1.68  | 0.6  | 0.672 | 40   | 0     | 0.846  | 30.9 | 1     | 0.016  | 0   | 64.35  | 1        | 0.8455 | 3.36   | 2.841   | 5.7 |
| 13 | 9:08  | 47   | 1.72  | 0.6  | 0.688 | 40   | 1     | 0.761  | 30.3 | 3     | 0.014  | 0   | 64.4   | 1        | 0.7608 | 3.44   | 2.6175  | 5.3 |
| 14 | 9:09  | 49   | 1.78  | 0.6  | 0.712 | 40   | 1     | 0.785  | 31.1 | 1     | 0.017  | 0   | 64.42  | 1        | 0.7851 | 3.56   | 2.7947  | 5.6 |
| 15 | 9:11  | 51   | 1.8   | 0.6  | 0.72  | 40   | 0     | 0.773  | 31   | -1    | 0.014  | 0   | 64.44  | 1        | 0.773  | 3.6    | 2.7825  | 5.6 |
| 16 | 9:12  | 53   | 1.91  | 0.6  | 0.764 | 40   | 1     | 0.662  | 31.1 | 1     | 0.013  | 0   | 64.47  | 1        | 0.6624 | 3.82   | 2.5305  | 5.1 |
| 17 | 9:14  | 55   | 1.89  | 0.6  | 0.756 | 40   | 1     | 0.73   | 30.7 | 0     | 0.008  | 0   | 64.47  | 1        | 0.73   | 3.78   | 2.7595  | 5.6 |
| 18 | 9:15  | 57   | 1.9   | 0.6  | 0.76  | 40   | 0     | 0.672  | 30.9 | 0     | 0.012  | 0   | 64.51  | 1        | 0.6722 | 3.8    | 2.5544  | 5.2 |
| 19 | 9:16  | 59   | 1.8   | 0.6  | 0.72  | 40   | 0     | 0.593  | 30.9 | 0     | 0.008  | 0   | 64.53  | 1        | 0.5932 | 3.6    | 2.1353  | 4.3 |
| 20 | 9:17  | 61   | 1.76  | 0.6  | 0.704 | 40   | 0     | 0.602  | 31.4 | 0     | 0.009  | 0   | 64.54  | 1        | 0.6017 | 3.52   | 2.1178  | 4.3 |
| 21 | 9:18  | 63   | 1.64  | 0.6  | 0.656 | 40   | 0     | 0.6    | 30.7 | 1     | 0.008  | 0   | 64.54  | 1        | 0.6004 | 3.28   | 1.9694  | 4   |
| 22 | 9:19  | 65   | 1.28  | 0.6  | 0.512 | 40   | 0     | 0.454  | 30.9 | 2     | 0.011  | 0   | 64.58  | 1        | 0.4541 | 2.56   | 1.1623  | 2.3 |
| 23 | 9:20  | 67   | 0.93  | 0.6  | 0.372 | 40   | 0     | 0.289  | 29.5 | -2    | 0.007  | 0   | 64.69  | 1        | 0.289  | 1.86   | 0.5377  | 1.1 |
| 24 | 9:22  | 69   | 0.43  | 0.6  | 0.172 | 40   | 1     | 0.148  | 28.8 | -4    | 0.004  | 0   | 64.89  | 1        | 0.1476 | 0.796  | 0.1175  | 0.2 |
| 25 | 9:22  | 70.7 | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0       | 0   |



File\_Name 090615BK.LOR.WAD  
 Start\_Date\_and\_Time 2009/06/15 10:07:05  
 Site\_Name LOR ABOVE BLACKROCK  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P1685  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge REW  
 #\_Stations 26  
 Total\_Width 49.600 ft  
 Total\_Area 73.260 ft^2  
 Total\_Discharge 49.9342 cfs  
 Mean\_Depth 1.477 ft  
 Mean\_Velocity 0.6816 ft/s  
 Mean\_SNR 31.4 dB  
 Mean\_Verr 0.0137 ft/s  
 Mean\_Temp 67.22 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 2.8 %  
 Accuracy 1.0 %  
 Depth 0.1 %  
 Velocity 0.5 %  
 Width 0.1 %  
 Method 1.7 %  
 #\_Stations 2.0 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 1.7 %  
 Accuracy 1.0 %  
 Depth 0.7 %  
 Velocity 1.2 %  
 Width 0.1 %

#### Supplemental\_Data

Gauge\_Height\_Change 0.000 ft

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/15 | 10:05:35 | 0.000        | 1.300            | 56.9033         |          |
| 02     | 2009/06/15 | 10:37:36 | 70.700       | 1.300            | 59.4935         |          |

## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/15/2009 10:05

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc  | Depth | %Dep | MeasD | Npts | Spike | Vel    | SNR  | Angle | Verr   | Bnd | Temp   | CorrFact | MeanV   | Area   | Flow    | %Q   |
|----|-------|------|-------|------|-------|------|-------|--------|------|-------|--------|-----|--------|----------|---------|--------|---------|------|
| () | ()    | (ft) | (ft)  | (*D) | (ft)  | ()   | ()    | (ft/s) | (dB) | (deg) | (ft/s) | ()  | (degF) | ()       | (ft/s)  | (ft^2) | (cfs)   | (%)  |
| 0  | 10:07 | 21.1 | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0       | 0      | 0       | 0    |
| 1  | 10:07 | 23   | 0.62  | 0.6  | 0.248 | 40   | 0     | -0.047 | 37.2 | 174   | 0.009  | 0   | 67.01  | 1        | -0.0472 | 1.209  | -0.0571 | -0.1 |
| 2  | 10:08 | 25   | 1.22  | 0.6  | 0.488 | 40   | 0     | 0.354  | 30.7 | 0     | 0.013  | 0   | 67.06  | 1        | 0.3543  | 2.44   | 0.8647  | 1.7  |
| 3  | 10:09 | 27   | 1.6   | 0.6  | 0.64  | 40   | 0     | 0.564  | 30.5 | -3    | 0.017  | 0   | 66.99  | 1        | 0.564   | 3.2    | 1.8048  | 3.6  |
| 4  | 10:10 | 29   | 1.78  | 0.6  | 0.712 | 40   | 0     | 0.686  | 30.7 | 0     | 0.013  | 0   | 66.99  | 1        | 0.6857  | 3.56   | 2.4409  | 4.9  |
| 5  | 10:11 | 31   | 1.67  | 0.6  | 0.668 | 40   | 0     | 0.718  | 30.7 | 2     | 0.022  | 0   | 67.03  | 1        | 0.7175  | 3.34   | 2.3964  | 4.8  |
| 6  | 10:13 | 33   | 1.6   | 0.6  | 0.64  | 40   | 0     | 0.764  | 30.7 | 4     | 0.017  | 0   | 67.05  | 1        | 0.7644  | 3.2    | 2.4463  | 4.9  |
| 7  | 10:14 | 35   | 1.62  | 0.6  | 0.648 | 40   | 0     | 0.759  | 30.7 | 3     | 0.018  | 0   | 67.08  | 1        | 0.7592  | 3.24   | 2.4599  | 4.9  |
| 8  | 10:15 | 37   | 1.49  | 0.6  | 0.596 | 40   | 0     | 0.838  | 30.9 | 0     | 0.017  | 0   | 67.08  | 1        | 0.8376  | 2.98   | 2.4963  | 5    |
| 9  | 10:16 | 39   | 1.5   | 0.6  | 0.6   | 40   | 0     | 0.784  | 30.7 | 1     | 0.015  | 0   | 67.12  | 1        | 0.7838  | 3      | 2.3514  | 4.7  |
| 10 | 10:17 | 41   | 1.54  | 0.6  | 0.616 | 40   | 0     | 0.752  | 31.4 | 0     | 0.017  | 0   | 67.14  | 1        | 0.7516  | 3.08   | 2.3151  | 4.6  |
| 11 | 10:18 | 43   | 1.6   | 0.6  | 0.64  | 40   | 0     | 0.782  | 31.4 | 2     | 0.015  | 0   | 67.15  | 1        | 0.7818  | 3.2    | 2.5019  | 5    |
| 12 | 10:19 | 45   | 1.68  | 0.6  | 0.672 | 40   | 2     | 0.748  | 31.6 | 2     | 0.019  | 0   | 67.17  | 1        | 0.7484  | 3.36   | 2.5147  | 5    |
| 13 | 10:20 | 47   | 1.71  | 0.6  | 0.684 | 40   | 0     | 0.825  | 31.8 | 0     | 0.019  | 0   | 67.19  | 1        | 0.8248  | 3.42   | 2.8208  | 5.6  |
| 14 | 10:21 | 49   | 1.76  | 0.6  | 0.704 | 40   | 0     | 0.76   | 31.6 | -1    | 0.019  | 0   | 67.21  | 1        | 0.7595  | 3.52   | 2.6733  | 5.4  |
| 15 | 10:22 | 51   | 1.8   | 0.6  | 0.72  | 40   | 0     | 0.778  | 31.6 | 3     | 0.013  | 0   | 67.24  | 1        | 0.7782  | 3.6    | 2.8014  | 5.6  |
| 16 | 10:23 | 53   | 1.9   | 0.6  | 0.76  | 40   | 0     | 0.75   | 32   | 0     | 0.012  | 0   | 67.26  | 1        | 0.7503  | 3.8    | 2.8511  | 5.7  |
| 17 | 10:24 | 55   | 1.86  | 0.6  | 0.744 | 40   | 0     | 0.72   | 31.6 | 0     | 0.01   | 0   | 67.28  | 1        | 0.7198  | 3.72   | 2.6776  | 5.4  |
| 18 | 10:26 | 57   | 1.9   | 0.6  | 0.76  | 40   | 1     | 0.724  | 31.4 | -1    | 0.009  | 0   | 67.28  | 1        | 0.7244  | 3.8    | 2.7527  | 5.5  |
| 19 | 10:27 | 59   | 1.79  | 0.6  | 0.716 | 40   | 2     | 0.765  | 32   | -1    | 0.009  | 0   | 67.3   | 1        | 0.7651  | 3.58   | 2.7391  | 5.5  |
| 20 | 10:28 | 61   | 1.73  | 0.6  | 0.692 | 40   | 0     | 0.655  | 31.6 | -3    | 0.013  | 0   | 67.35  | 1        | 0.6545  | 3.46   | 2.2646  | 4.5  |
| 21 | 10:29 | 63   | 1.64  | 0.6  | 0.656 | 40   | 0     | 0.644  | 31.1 | 3     | 0.01   | 0   | 67.39  | 1        | 0.6444  | 3.28   | 2.1136  | 4.2  |
| 22 | 10:30 | 65   | 1.29  | 0.6  | 0.516 | 40   | 1     | 0.474  | 30.9 | 4     | 0.009  | 0   | 67.41  | 1        | 0.4744  | 2.58   | 1.224   | 2.5  |
| 23 | 10:31 | 67   | 0.92  | 0.6  | 0.368 | 40   | 0     | 0.22   | 30.3 | 12    | 0.011  | 0   | 67.51  | 1        | 0.2195  | 1.84   | 0.4038  | 0.8  |
| 24 | 10:33 | 69   | 0.46  | 0.6  | 0.184 | 40   | 0     | 0.091  | 30.1 | 2     | 0.004  | 0   | 67.98  | 1        | 0.0906  | 0.851  | 0.0771  | 0.2  |
| 25 | 10:33 | 70.7 | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0       | 0      | 0       | 0    |

File\_Name 090623BK.LOR.WAD  
 Start\_Date\_and\_Time 2009/06/23 15:24:09  
 Site\_Name LOR ABOVE BLACKROCK  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P1685  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge REW  
 #\_Stations 22  
 Total\_Width 52.600 ft  
 Total\_Area 95.284 ft^2  
 Total\_Discharge 63.5895 cfs  
 Mean\_Depth 1.811 ft  
 Mean\_Velocity 0.6674 ft/s  
 Mean\_SNR 33.0 dB  
 Mean\_Verr 0.0143 ft/s  
 Mean\_Temp 72.39 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 3.2 %  
 Accuracy 1.0 %  
 Depth 0.1 %  
 Velocity 0.6 %  
 Width 0.1 %  
 Method 2.0 %  
 #\_Stations 2.3 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 2.6 %  
 Accuracy 1.0 %  
 Depth 0.7 %  
 Velocity 2.2 %  
 Width 0.1 %

#### Supplemental\_Data

Gauge\_Height\_Change 0.000 ft

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/23 | 15:22:07 | 0.000        | 1.710            | 66.4739         |          |
| 02     | 2009/06/23 | 15:48:50 | 72.300       | 1.710            | 65.0138         |          |

## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/23/2009 15:22

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc  | Depth | %Dep | MeasD | Npts | Spike | Vel    | SNR  | Angle | Verr   | Bnd | Temp   | CorrFact | MeanV   | Area   | Flow    | %Q   |
|----|-------|------|-------|------|-------|------|-------|--------|------|-------|--------|-----|--------|----------|---------|--------|---------|------|
| () | ()    | (ft) | (ft)  | (*D) | (ft)  | ()   | ()    | (ft/s) | (dB) | (deg) | (ft/s) | ()  | (degF) | ()       | (ft/s)  | (ft^2) | (cfs)   | (%)  |
| 0  | 15:24 | 19.7 | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0       | 0      | 0       | 0    |
| 1  | 15:24 | 22   | 0.73  | 0.6  | 0.292 | 40   | 0     | 0.02   | 33.3 | -62   | 0.022  | 0   | 73.02  | 1        | 0.0197  | 1.569  | 0.0309  | 0    |
| 2  | 15:25 | 24   | 1.4   | 0.6  | 0.56  | 40   | 0     | 0.254  | 32.7 | 5     | 0.014  | 0   | 72.45  | 1        | 0.2543  | 2.8    | 0.7119  | 1.1  |
| 3  | 15:26 | 26   | 1.9   | 0.6  | 0.76  | 40   | 0     | 0.46   | 32.2 | -1    | 0.022  | 0   | 72.39  | 1        | 0.4603  | 3.8    | 1.7491  | 2.8  |
| 4  | 15:27 | 28   | 2.12  | 0.6  | 0.848 | 40   | 0     | 0.773  | 32   | 0     | 0.018  | 0   | 72.36  | 1        | 0.7733  | 4.24   | 3.2789  | 5.2  |
| 5  | 15:28 | 30   | 2.18  | 0.6  | 0.872 | 40   | 0     | 0.77   | 32   | -3    | 0.02   | 0   | 72.3   | 1        | 0.7697  | 5.45   | 4.195   | 6.6  |
| 6  | 15:30 | 33   | 2.04  | 0.6  | 0.816 | 40   | 1     | 0.966  | 32.2 | -2    | 0.022  | 0   | 72.3   | 1        | 0.9659  | 6.12   | 5.9113  | 9.3  |
| 7  | 15:31 | 36   | 2.04  | 0.6  | 0.816 | 40   | 1     | 0.827  | 32.5 | -1    | 0.016  | 0   | 72.3   | 1        | 0.8268  | 6.12   | 5.0599  | 8    |
| 8  | 15:32 | 39   | 1.92  | 0.6  | 0.768 | 40   | 0     | 0.855  | 32.7 | 0     | 0.017  | 0   | 72.28  | 1        | 0.8547  | 5.76   | 4.9227  | 7.7  |
| 9  | 15:33 | 42   | 2     | 0.6  | 0.8   | 40   | 0     | 0.862  | 32.4 | 0     | 0.018  | 0   | 72.3   | 1        | 0.8622  | 6      | 5.1732  | 8.1  |
| 10 | 15:34 | 45   | 2.09  | 0.6  | 0.836 | 40   | 1     | 0.786  | 32.5 | 1     | 0.012  | 0   | 72.3   | 1        | 0.7861  | 6.27   | 4.9285  | 7.8  |
| 11 | 15:35 | 48   | 2.16  | 0.6  | 0.864 | 40   | 0     | 0.799  | 32.5 | -1    | 0.014  | 0   | 72.3   | 1        | 0.7989  | 6.48   | 5.177   | 8.1  |
| 12 | 15:36 | 51   | 2.2   | 0.6  | 0.88  | 40   | 0     | 0.739  | 33.1 | 1     | 0.014  | 0   | 72.3   | 1        | 0.7388  | 6.6    | 4.8767  | 7.7  |
| 13 | 15:37 | 54   | 2.32  | 0.6  | 0.928 | 40   | 1     | 0.711  | 32.7 | -2    | 0.011  | 0   | 72.3   | 1        | 0.711   | 6.96   | 4.948   | 7.8  |
| 14 | 15:38 | 57   | 2.32  | 0.6  | 0.928 | 40   | 0     | 0.595  | 32.5 | -4    | 0.014  | 0   | 72.32  | 1        | 0.5945  | 6.96   | 4.1374  | 6.5  |
| 15 | 15:39 | 60   | 2.22  | 0.6  | 0.888 | 40   | 0     | 0.536  | 33.3 | -5    | 0.011  | 0   | 72.32  | 1        | 0.5361  | 6.66   | 3.5706  | 5.6  |
| 16 | 15:40 | 63   | 2.04  | 0.6  | 0.816 | 40   | 1     | 0.588  | 33.1 | 0     | 0.008  | 0   | 72.3   | 1        | 0.5876  | 5.1    | 2.9968  | 4.7  |
| 17 | 15:42 | 65   | 1.69  | 0.6  | 0.676 | 40   | 0     | 0.391  | 32.2 | -7    | 0.012  | 0   | 72.37  | 1        | 0.3911  | 3.38   | 1.3218  | 2.1  |
| 18 | 15:43 | 67   | 1.35  | 0.6  | 0.54  | 40   | 0     | 0.221  | 32.7 | -6    | 0.01   | 0   | 72.39  | 1        | 0.2208  | 2.7    | 0.5962  | 0.9  |
| 19 | 15:44 | 69   | 0.86  | 0.6  | 0.344 | 40   | 0     | 0.024  | 31.4 | 2     | 0.004  | 0   | 72.55  | 1        | 0.0243  | 1.72   | 0.0418  | 0.1  |
| 20 | 15:46 | 71   | 0.36  | 0.6  | 0.144 | 40   | 0     | -0.064 | 43.2 | 175   | 0.009  | 0   | 72.61  | 1        | -0.0643 | 0.594  | -0.0382 | -0.1 |
| 21 | 15:46 | 72.3 | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0       | 0      | 0       | 0    |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 1   | 0    | 0      | 36     | 0.974     | 0         | 1.647 | 0.026     | 0.023     | 0         | 57.6 | 58   | 56.3 | 161        | 163        | 0          | 27     | 28     |
| 2009 | 6     | 1   | 0    | 10     | 36     | 0.932     | -0.007    | 1.647 | 0.026     | 0.023     | 0         | 58   | 58.9 | 55   | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 0    | 20     | 36     | 1.001     | 0.003     | 1.64  | 0.023     | 0.023     | 0         | 58   | 59.3 | 54.2 | 162        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 0    | 30     | 36     | 0.961     | -0.036    | 1.637 | 0.026     | 0.023     | 0         | 57.6 | 58.5 | 52.9 | 162        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 1   | 0    | 40     | 36     | 0.915     | -0.013    | 1.631 | 0.03      | 0.026     | 0         | 58   | 59.3 | 53.8 | 162        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 0    | 50     | 36     | 0.994     | -0.043    | 1.627 | 0.026     | 0.023     | 0         | 58   | 58.9 | 53.3 | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 1    | 0      | 36     | 0.984     | 0.03      | 1.627 | 0.023     | 0.02      | 0         | 58.5 | 59.3 | 53.3 | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 1    | 10     | 36     | 0.951     | -0.02     | 1.624 | 0.023     | 0.023     | 0         | 58   | 58.9 | 55   | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 1    | 20     | 36     | 0.981     | -0.039    | 1.624 | 0.023     | 0.023     | 0         | 57.6 | 58.9 | 55   | 161        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 1    | 30     | 36     | 1.01      | -0.036    | 1.621 | 0.023     | 0.023     | 0         | 58   | 58.9 | 45.2 | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 1    | 40     | 36     | 0.948     | -0.03     | 1.621 | 0.023     | 0.023     | 0         | 57.6 | 58.5 | 46   | 162        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 1   | 1    | 50     | 36     | 0.942     | -0.052    | 1.617 | 0.023     | 0.02      | 0         | 58   | 59.3 | 51.2 | 162        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 2    | 0      | 36     | 0.961     | 0         | 1.617 | 0.03      | 0.026     | 0         | 58.5 | 59.3 | 45.2 | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 2    | 10     | 36     | 0.958     | -0.003    | 1.614 | 0.026     | 0.026     | 0         | 58.5 | 58.9 | 46   | 163        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 2    | 20     | 36     | 0.955     | -0.072    | 1.611 | 0.03      | 0.026     | 0         | 58   | 58.9 | 50.3 | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 2    | 30     | 36     | 0.988     | -0.075    | 1.611 | 0.023     | 0.02      | 0         | 58   | 58.9 | 51.6 | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 2    | 40     | 36     | 0.935     | -0.003    | 1.608 | 0.026     | 0.023     | 0         | 58   | 58.9 | 51.6 | 162        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 1   | 2    | 50     | 36     | 0.948     | 0         | 1.604 | 0.03      | 0.026     | 0         | 58   | 59.3 | 56.3 | 162        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 3    | 0      | 36     | 0.932     | -0.007    | 1.601 | 0.026     | 0.023     | 0         | 58.5 | 59.3 | 54.2 | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 3    | 10     | 36     | 0.988     | 0.003     | 1.594 | 0.026     | 0.023     | 0         | 58   | 58.9 | 55.5 | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 3    | 20     | 36     | 0.902     | 0.013     | 1.591 | 0.023     | 0.023     | 0         | 58   | 58.9 | 55.9 | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 3    | 30     | 36     | 0.935     | 0.003     | 1.588 | 0.023     | 0.023     | 0         | 58   | 58.9 | 55.9 | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 3    | 40     | 36     | 0.951     | 0.003     | 1.588 | 0.023     | 0.023     | 0         | 57.6 | 59.3 | 55.9 | 162        | 165        | 0          | 28     | 27     |
| 2009 | 6     | 1   | 3    | 50     | 36     | 0.925     | -0.036    | 1.585 | 0.03      | 0.026     | 0         | 57.6 | 58.9 | 56.3 | 162        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 1   | 4    | 0      | 36     | 0.968     | -0.003    | 1.585 | 0.026     | 0.023     | 0         | 58   | 58.5 | 56.8 | 163        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 1   | 4    | 10     | 36     | 0.997     | 0.016     | 1.581 | 0.023     | 0.023     | 0         | 58.5 | 59.3 | 59.3 | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 4    | 20     | 36     | 0.948     | -0.007    | 1.581 | 0.026     | 0.023     | 0         | 58   | 58.5 | 58   | 162        | 164        | 0          | 27     | 28     |
| 2009 | 6     | 1   | 4    | 30     | 36     | 0.948     | -0.03     | 1.581 | 0.026     | 0.023     | 0         | 58   | 58.5 | 58.9 | 162        | 164        | 0          | 27     | 28     |
| 2009 | 6     | 1   | 4    | 40     | 36     | 0.919     | 0         | 1.578 | 0.023     | 0.023     | 0         | 58   | 58.9 | 55.9 | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 4    | 50     | 36     | 0.915     | -0.059    | 1.578 | 0.023     | 0.023     | 0         | 57.6 | 58.9 | 54.2 | 162        | 164        | 0          | 28     | 27     |
| 2009 | 6     | 1   | 5    | 0      | 36     | 0.948     | -0.033    | 1.575 | 0.02      | 0.016     | 0         | 58.5 | 58.9 | 55   | 164        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 1   | 5    | 10     | 36     | 0.994     | 0.036     | 1.575 | 0.023     | 0.023     | 0         | 58.5 | 58.9 | 55.9 | 163        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 1   | 5    | 20     | 36     | 0.961     | 0.01      | 1.572 | 0.036     | 0.033     | 0         | 58.5 | 59.3 | 54.6 | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 5    | 30     | 36     | 0.958     | -0.016    | 1.568 | 0.03      | 0.026     | 0         | 58.5 | 58.5 | 55.9 | 163        | 164        | 0          | 27     | 28     |
| 2009 | 6     | 1   | 5    | 40     | 36     | 0.909     | -0.01     | 1.568 | 0.023     | 0.023     | 0         | 58   | 59.3 | 53.8 | 162        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 5    | 50     | 36     | 0.974     | 0         | 1.562 | 0.026     | 0.026     | 0         | 58   | 59.3 | 53.3 | 163        | 165        | 0          | 28     | 27     |
| 2009 | 6     | 1   | 6    | 0      | 36     | 0.915     | 0         | 1.562 | 0.026     | 0.023     | 0         | 58   | 58.9 | 55.5 | 162        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 1   | 6    | 10     | 36     | 0.994     | -0.013    | 1.555 | 0.023     | 0.023     | 0         | 58.5 | 58.5 | 55   | 162        | 164        | 0          | 26     | 28     |
| 2009 | 6     | 1   | 6    | 20     | 36     | 0.958     | 0.013     | 1.552 | 0.026     | 0.023     | 0         | 58   | 58.5 | 55   | 162        | 164        | 0          | 27     | 28     |
| 2009 | 6     | 1   | 6    | 30     | 36     | 0.915     | 0         | 1.552 | 0.026     | 0.023     | 0         | 58   | 58.9 | 55.5 | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 6    | 40     | 36     | 0.938     | 0.039     | 1.549 | 0.026     | 0.023     | 0         | 58   | 59.3 | 52.5 | 162        | 164        | 0          | 27     | 26     |
| 2009 | 6     | 1   | 6    | 50     | 36     | 0.961     | -0.069    | 1.545 | 0.03      | 0.026     | 0         | 58   | 58.9 | 58.5 | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 7    | 0      | 36     | 0.942     | 0.003     | 1.545 | 0.03      | 0.026     | 0         | 58.5 | 58.9 | 54.6 | 163        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 1   | 7    | 10     | 36     | 0.955     | 0         | 1.545 | 0.023     | 0.023     | 0         | 58   | 58.9 | 55.5 | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 7    | 20     | 36     | 0.961     | -0.016    | 1.542 | 0.023     | 0.023     | 0         | 57.6 | 58.9 | 54.6 | 162        | 164        | 0          | 28     | 27     |
| 2009 | 6     | 1   | 7    | 30     | 36     | 1.017     | 0.01      | 1.542 | 0.026     | 0.023     | 0         | 58.5 | 58.9 | 55.9 | 163        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 1   | 7    | 40     | 36     | 0.974     | -0.007    | 1.542 | 0.026     | 0.023     | 0         | 58.9 | 59.3 | 58.5 | 163        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 7    | 50     | 36     | 0.899     | 0.02      | 1.542 | 0.023     | 0.023     | 0         | 58.5 | 59.3 | 57.2 | 163        | 165        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 1   | 8    | 0      | 36     | 0.919     | -0.02     | 1.539 | 0.026     | 0.023     | 0         | 58.5 | 58.9 | 55.9 | 163        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 1   | 8    | 10     | 36     | 0.981     | 0.007     | 1.539 | 0.03      | 0.03      | 0         | 58.5 | 59.3 | 55   | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 8    | 20     | 36     | 0.935     | -0.03     | 1.535 | 0.03      | 0.026     | 0         | 58   | 59.3 | 55   | 163        | 165        | 0          | 28     | 27     |
| 2009 | 6     | 1   | 8    | 30     | 36     | 0.919     | -0.007    | 1.532 | 0.03      | 0.026     | 0         | 58.5 | 58.9 | 55   | 163        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 1   | 8    | 40     | 36     | 0.945     | -0.016    | 1.529 | 0.03      | 0.026     | 0         | 58   | 59.3 | 50.7 | 163        | 165        | 0          | 28     | 27     |
| 2009 | 6     | 1   | 8    | 50     | 36     | 0.948     | -0.02     | 1.526 | 0.03      | 0.026     | 0         | 58.5 | 59.8 | 54.6 | 164        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 1   | 9    | 0      | 36     | 0.955     | -0.049    | 1.522 | 0.023     | 0.023     | 0         | 58.5 | 59.8 | 55   | 164        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 1   | 9    | 10     | 36     | 1.01      | -0.013    | 1.519 | 0.023     | 0.023     | 0         | 58.9 | 59.8 | 56.8 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 9    | 20     | 36     | 0.928     | -0.007    | 1.516 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 54.2 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 9    | 30     | 36     | 0.942     | -0.003    | 1.516 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 43.4 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 9    | 40     | 36     | 0.932     | 0.052     | 1.512 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 57.6 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 9    | 50     | 36     | 0.978     | -0.049    | 1.509 | 0.03      | 0.026     | 0         | 59.3 | 59.3 | 60.6 | 164        | 166        | 0          | 26     | 28     |
| 2009 | 6     | 1   | 10   | 0      | 36     | 0.948     | -0.052    | 1.509 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 60.6 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 10   | 10     | 36     | 1.02      | -0.013    | 1.509 | 0.026     | 0.023     | 0         | 59.3 | 60.2 | 60.6 | 164        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 10   | 20     | 36     | 0.879     | 0.059     | 1.509 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 61.5 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 10   | 30     | 36     | 0.928     | 0.013     | 1.509 | 0.03      | 0.026     | 0         | 58.9 | 60.6 | 61.5 | 164        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 1   | 10   | 40     | 36     | 0.912     | -0.01     | 1.506 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 60.2 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 10   | 50     | 36     | 0.889     | 0.003     | 1.506 | 0.026     | 0.023     | 0         | 59.3 | 60.2 | 63.2 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 11   | 0      | 36     | 0.935     | -0.013    | 1.506 | 0.026     | 0.023     | 0         | 59.3 | 60.6 | 61.1 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 11   | 10     | 36     | 0.951     | -0.043    | 1.503 | 0.023     | 0.023     | 0         | 58.9 | 59.8 | 59.8 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 1   | 11   | 20     | 36     | 0.922     | 0.03      | 1.503 | 0.026     | 0.023     | 0         | 59.8 | 60.6 | 59.3 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 11   | 30     | 36     | 0.955     | 0.03      | 1.499 | 0.026     | 0.023     | 0         | 60.2 | 61.1 | 57.6 | 166        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 11   | 40     | 36     | 0.948     | -0.016    | 1.496 | 0.023     | 0.023     | 0         | 59.3 | 60.6 | 57.2 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 11   | 50     | 36     | 0.896     | 0         | 1.486 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 55   | 166        | 168        | 0          | 28     | 27     |
| 2009 | 6     | 1   | 12   | 0      | 36     | 0.974     | -0.036    | 1.483 | 0.026     | 0.023     | 0         | 59.8 | 60.6 | 54.2 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 12   | 10     | 36     | 1.027     | 0.052     | 1.483 | 0.03      | 0.026     | 0         | 60.2 | 61.1 | 54.6 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 12   | 20     | 36     | 0.938     | 0.033     | 1.48  | 0.03      | 0.026     | 0         | 61.1 | 61.9 | 54.6 | 169        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 12   | 30     | 36     | 0.974     | -0.026    | 1.48  | 0.026     | 0.023     | 0         | 60.2 | 61.5 | 55.9 | 166        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 12   | 40     | 36     | 0.928     | -0.033    | 1.48  | 0.023     | 0.023     | 0         | 59.8 | 61.1 | 57.6 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 12   | 50     | 36     | 0.869     | -0.01     | 1.476 | 0.026     | 0.023     | 0         | 59.8 | 60.6 | 56.8 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 13   | 0      | 36     | 1.043     | 0         | 1.476 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 56.3 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 13   | 10     | 36     | 0.919     | 0         | 1.476 | 0.03      | 0.026     | 0         | 59.8 | 61.1 | 58.9 | 166        | 168        | 0          | 27     | 26     |
| 2009 | 6     | 1   | 13   | 20     | 36     | 0.974     | 0         | 1.476 | 0.026     | 0.023     | 0         | 60.2 | 61.1 | 56.8 | 166        | 168        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 13   | 30     | 36     | 0.892     | -0.062    | 1.473 | 0.026     | 0.023     | 0         | 59.8 | 61.1 | 58   | 166        | 168        | 0          | 27     | 26     |
| 2009 | 6     | 1   | 13   | 40     | 36     | 0.942     | -0.02     | 1.473 | 0.03      | 0.026     | 0         | 60.2 | 61.1 | 55.9 | 166        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 13   | 50     | 36     | 0.961     | -0.062    | 1.473 | 0.033     | 0.033     | 0         | 60.2 | 61.1 | 58   | 166        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 14   | 0      | 36     | 0.932     | -0.033    | 1.47  | 0.026     | 0.023     | 0         | 59.8 | 61.1 | 52   | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 14   | 10     | 36     | 0.974     | 0         | 1.47  | 0.026     | 0.023     | 0         | 60.6 | 61.1 | 57.6 | 167        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 14   | 20     | 36     | 0.948     | -0.007    | 1.47  | 0.03      | 0.03      | 0         | 59.8 | 60.6 | 58.5 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 14   | 30     | 36     | 0.896     | 0.043     | 1.467 | 0.023     | 0.023     | 0         | 60.2 | 60.6 | 58   | 166        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 14   | 40     | 36     | 0.968     | 0.036     | 1.467 | 0.03      | 0.026     | 0         | 60.2 | 61.5 | 58   | 166        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 14   | 50     | 36     | 0.955     | 0.033     | 1.467 | 0.03      | 0.03      | 0         | 59.8 | 61.1 | 57.2 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 15   | 0      | 36     | 0.899     | -0.003    | 1.463 | 0.03      | 0.026     | 0         | 60.2 | 61.1 | 53.8 | 166        | 168        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 15   | 10     | 36     | 0.945     | 0.01      | 1.46  | 0.03      | 0.026     | 0         | 59.8 | 61.1 | 52.9 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 15   | 20     | 36     | 0.978     | -0.026    | 1.457 | 0.03      | 0.026     | 0         | 59.8 | 60.6 | 53.3 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 15   | 30     | 36     | 0.922     | 0.007     | 1.45  | 0.03      | 0.026     | 0         | 60.2 | 61.1 | 47.7 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 15   | 40     | 36     | 0.912     | -0.026    | 1.45  | 0.026     | 0.023     | 0         | 60.6 | 61.5 | 44.7 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 15   | 50     | 36     | 0.922     | 0.075     | 1.453 | 0.026     | 0.023     | 0         | 61.1 | 62.4 | 57.2 | 169        | 172        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 1   | 16   | 0      | 36     | 0.922     | 0.115     | 1.45  | 0.03      | 0.026     | 0         | 61.1 | 62.4 | 56.3 | 169        | 172        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 16   | 10     | 36     | 0.974     | 0.03      | 1.447 | 0.03      | 0.026     | 0         | 61.1 | 62.4 | 56.8 | 169        | 172        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 16   | 20     | 36     | 0.994     | 0         | 1.444 | 0.033     | 0.03      | 0         | 61.1 | 61.9 | 51.6 | 169        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 16   | 30     | 36     | 0.906     | 0         | 1.444 | 0.023     | 0.023     | 0         | 60.6 | 61.5 | 55.5 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 16   | 40     | 36     | 0.922     | 0.052     | 1.44  | 0.033     | 0.033     | 0         | 60.6 | 61.9 | 55   | 167        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 16   | 50     | 36     | 1.001     | 0.059     | 1.44  | 0.03      | 0.026     | 0         | 60.2 | 61.9 | 55.9 | 167        | 170        | 0          | 27     | 26     |
| 2009 | 6     | 1   | 17   | 0      | 36     | 1.063     | 0.02      | 1.44  | 0.023     | 0.02      | 0         | 61.1 | 61.9 | 40.9 | 168        | 171        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 17   | 10     | 36     | 0.909     | 0.059     | 1.437 | 0.03      | 0.026     | 0         | 60.2 | 61.5 | 43.4 | 167        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 17   | 20     | 36     | 0.892     | 0.007     | 1.437 | 0.039     | 0.039     | 0         | 60.2 | 61.5 | 49.9 | 167        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 17   | 30     | 36     | 0.997     | 0.03      | 1.437 | 0.023     | 0.023     | 0         | 60.2 | 61.5 | 57.2 | 167        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 17   | 40     | 36     | 0.915     | 0.049     | 1.434 | 0.026     | 0.023     | 0         | 60.2 | 61.1 | 45.6 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 17   | 50     | 36     | 0.938     | 0         | 1.434 | 0.026     | 0.023     | 0         | 60.2 | 61.1 | 38.7 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 18   | 0      | 36     | 0.981     | 0.026     | 1.434 | 0.026     | 0.023     | 0         | 59.8 | 61.1 | 47.7 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 18   | 10     | 36     | 0.889     | 0.043     | 1.434 | 0.026     | 0.023     | 0         | 59.8 | 61.5 | 61.5 | 166        | 169        | 0          | 27     | 26     |
| 2009 | 6     | 1   | 18   | 20     | 36     | 0.915     | 0.033     | 1.43  | 0.026     | 0.023     | 0         | 59.8 | 61.1 | 62.4 | 166        | 168        | 0          | 27     | 26     |
| 2009 | 6     | 1   | 18   | 30     | 36     | 0.958     | 0.039     | 1.43  | 0.023     | 0.023     | 0         | 59.8 | 61.1 | 62.4 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 18   | 40     | 36     | 0.997     | 0.013     | 1.43  | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 62.4 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 18   | 50     | 36     | 0.932     | 0         | 1.427 | 0.023     | 0.023     | 0         | 58.9 | 60.6 | 62.4 | 165        | 168        | 0          | 28     | 27     |
| 2009 | 6     | 1   | 19   | 0      | 36     | 0.922     | 0.026     | 1.427 | 0.033     | 0.033     | 0         | 59.3 | 60.2 | 61.5 | 165        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 1   | 19   | 10     | 36     | 0.951     | -0.003    | 1.427 | 0.023     | 0.023     | 0         | 59.3 | 60.2 | 61.1 | 165        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 1   | 19   | 20     | 36     | 0.919     | 0         | 1.424 | 0.03      | 0.026     | 0         | 59.8 | 60.6 | 61.5 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 19   | 30     | 36     | 0.955     | 0.026     | 1.424 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 59.8 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 19   | 40     | 36     | 0.925     | 0.007     | 1.424 | 0.023     | 0.023     | 0         | 59.3 | 60.6 | 58   | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 19   | 50     | 36     | 0.928     | -0.02     | 1.421 | 0.03      | 0.026     | 0         | 59.8 | 61.1 | 54.2 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 20   | 0      | 36     | 0.981     | 0.01      | 1.417 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 51.2 | 166        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 20   | 10     | 36     | 0.948     | -0.016    | 1.414 | 0.026     | 0.023     | 0         | 60.2 | 60.6 | 46   | 166        | 169        | 0          | 26     | 28     |
| 2009 | 6     | 1   | 20   | 20     | 36     | 0.915     | 0.013     | 1.411 | 0.03      | 0.026     | 0         | 59.3 | 60.6 | 41.3 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 20   | 30     | 36     | 1.017     | 0.007     | 1.407 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 48.6 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 20   | 40     | 36     | 0.909     | 0.049     | 1.411 | 0.026     | 0.023     | 0         | 59.3 | 60.6 | 51.6 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 20   | 50     | 36     | 0.951     | 0.023     | 1.404 | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 52.9 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 21   | 0      | 36     | 0.906     | -0.01     | 1.401 | 0.03      | 0.026     | 0         | 59.8 | 61.1 | 54.2 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 21   | 10     | 36     | 0.991     | -0.059    | 1.404 | 0.03      | 0.026     | 0         | 59.3 | 60.6 | 43.4 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 21   | 20     | 36     | 0.912     | -0.023    | 1.401 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 44.7 | 165        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 1   | 21   | 30     | 36     | 0.942     | -0.033    | 1.401 | 0.026     | 0.023     | 0         | 59.3 | 60.2 | 41.7 | 165        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 1   | 21   | 40     | 36     | 0.955     | 0         | 1.398 | 0.026     | 0.023     | 0         | 58.9 | 60.6 | 45.2 | 164        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 1   | 21   | 50     | 36     | 0.889     | -0.01     | 1.398 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 49.9 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 22   | 0      | 36     | 0.886     | -0.03     | 1.394 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 48.2 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 22   | 10     | 36     | 0.915     | 0.013     | 1.398 | 0.03      | 0.026     | 0         | 58.9 | 60.2 | 45.2 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 22   | 20     | 36     | 0.915     | 0.013     | 1.394 | 0.026     | 0.023     | 0         | 58.9 | 60.2 | 43.9 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 22   | 30     | 36     | 0.938     | 0.007     | 1.394 | 0.03      | 0.03      | 0         | 58.5 | 59.8 | 43   | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 22   | 40     | 36     | 0.938     | -0.023    | 1.391 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 45.2 | 163        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 1   | 22   | 50     | 36     | 0.951     | 0.023     | 1.391 | 0.036     | 0.033     | 0         | 58.9 | 59.8 | 55.9 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 23   | 0      | 36     | 0.994     | -0.007    | 1.391 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 54.2 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 23   | 10     | 36     | 0.922     | -0.043    | 1.391 | 0.03      | 0.026     | 0         | 58.5 | 59.3 | 54.2 | 163        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 1   | 23   | 20     | 36     | 0.919     | -0.023    | 1.388 | 0.026     | 0.023     | 0         | 58   | 59.8 | 56.8 | 163        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 1   | 23   | 30     | 36     | 0.965     | -0.02     | 1.388 | 0.03      | 0.026     | 0         | 58.5 | 59.8 | 52.9 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 23   | 40     | 36     | 0.974     | 0.01      | 1.388 | 0.033     | 0.03      | 0         | 58.5 | 59.3 | 50.7 | 163        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 1   | 23   | 50     | 36     | 0.919     | -0.03     | 1.385 | 0.033     | 0.03      | 0         | 58.5 | 59.3 | 43.4 | 163        | 165        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 2   | 0    | 0      | 36     | 0.935     | 0.003     | 1.388 | 0.026     | 0.023     | 0         | 58.9 | 59.8 | 50.7 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 0    | 10     | 36     | 0.948     | 0         | 1.388 | 0.033     | 0.03      | 0         | 58.5 | 59.3 | 54.2 | 163        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 2   | 0    | 20     | 36     | 0.942     | 0.013     | 1.385 | 0.033     | 0.03      | 0         | 58   | 59.8 | 49.9 | 163        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 2   | 0    | 30     | 36     | 0.945     | -0.066    | 1.385 | 0.03      | 0.026     | 0         | 58.5 | 59.8 | 51.6 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 0    | 40     | 36     | 0.896     | 0         | 1.385 | 0.033     | 0.033     | 0         | 58.5 | 59.8 | 55.9 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 0    | 50     | 36     | 0.879     | -0.03     | 1.385 | 0.03      | 0.026     | 0         | 58.5 | 59.8 | 55   | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 1    | 0      | 36     | 0.889     | 0.03      | 1.381 | 0.026     | 0.023     | 0         | 58.5 | 59.8 | 55.5 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 1    | 10     | 36     | 0.948     | 0.043     | 1.381 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 52.5 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 1    | 20     | 36     | 0.978     | 0.02      | 1.381 | 0.033     | 0.03      | 0         | 58   | 59.8 | 53.8 | 163        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 2   | 1    | 30     | 36     | 0.909     | -0.043    | 1.381 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 50.3 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 1    | 40     | 36     | 0.919     | 0.003     | 1.378 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 50.3 | 164        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 2   | 1    | 50     | 36     | 0.912     | 0         | 1.375 | 0.026     | 0.023     | 0         | 59.3 | 60.2 | 53.3 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 2    | 0      | 36     | 0.932     | 0.01      | 1.378 | 0.033     | 0.033     | 0         | 58.5 | 60.2 | 50.7 | 164        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 2   | 2    | 10     | 36     | 0.925     | -0.075    | 1.371 | 0.026     | 0.023     | 0         | 58.5 | 60.2 | 49   | 164        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 2   | 2    | 20     | 36     | 0.958     | 0.026     | 1.375 | 0.026     | 0.023     | 0         | 59.3 | 60.2 | 48.6 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 2    | 30     | 36     | 0.961     | 0.01      | 1.375 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 46.9 | 165        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 2   | 2    | 40     | 36     | 0.965     | 0.033     | 1.371 | 0.03      | 0.026     | 0         | 58.5 | 60.2 | 49   | 164        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 2   | 2    | 50     | 36     | 0.968     | -0.003    | 1.368 | 0.03      | 0.026     | 0         | 58.9 | 60.6 | 44.3 | 165        | 168        | 0          | 28     | 27     |
| 2009 | 6     | 2   | 3    | 0      | 36     | 0.942     | -0.036    | 1.368 | 0.03      | 0.03      | 0         | 58.9 | 60.6 | 43.4 | 164        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 3    | 10     | 36     | 0.981     | 0.023     | 1.368 | 0.03      | 0.026     | 0         | 58.9 | 60.2 | 45.2 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 3    | 20     | 36     | 0.915     | 0.016     | 1.368 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 46   | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 3    | 30     | 36     | 0.965     | 0.007     | 1.368 | 0.033     | 0.03      | 0         | 59.3 | 61.1 | 46.4 | 165        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 3    | 40     | 36     | 0.906     | 0.066     | 1.368 | 0.03      | 0.026     | 0         | 58.9 | 60.2 | 48.6 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 3    | 50     | 36     | 0.912     | 0.016     | 1.365 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 52   | 164        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 2   | 4    | 0      | 36     | 0.951     | 0         | 1.365 | 0.03      | 0.026     | 0         | 58   | 59.8 | 50.3 | 163        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 2   | 4    | 10     | 36     | 0.912     | -0.02     | 1.365 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 50.7 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 4    | 20     | 36     | 1.027     | 0.003     | 1.365 | 0.033     | 0.033     | 0         | 59.3 | 60.6 | 51.6 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 4    | 30     | 36     | 0.928     | 0         | 1.365 | 0.03      | 0.03      | 0         | 58.5 | 59.8 | 53.8 | 163        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 2   | 4    | 40     | 36     | 0.955     | 0.016     | 1.362 | 0.026     | 0.023     | 0         | 58.5 | 60.6 | 52.9 | 164        | 167        | 0          | 28     | 26     |
| 2009 | 6     | 2   | 4    | 50     | 36     | 0.902     | 0         | 1.362 | 0.03      | 0.03      | 0         | 58.9 | 60.2 | 53.8 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 5    | 0      | 36     | 0.948     | 0.056     | 1.362 | 0.026     | 0.023     | 0         | 58.9 | 59.8 | 54.2 | 164        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 2   | 5    | 10     | 36     | 0.938     | -0.016    | 1.358 | 0.026     | 0.023     | 0         | 58   | 59.8 | 55.5 | 163        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 2   | 5    | 20     | 36     | 0.961     | -0.046    | 1.358 | 0.026     | 0.023     | 0         | 58.5 | 59.3 | 53.8 | 163        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 2   | 5    | 30     | 36     | 0.928     | -0.043    | 1.358 | 0.03      | 0.026     | 0         | 58.5 | 59.8 | 53.3 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 5    | 40     | 36     | 0.948     | 0.033     | 1.358 | 0.033     | 0.03      | 0         | 58   | 59.3 | 51.2 | 162        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 2   | 5    | 50     | 36     | 0.955     | 0.01      | 1.355 | 0.03      | 0.026     | 0         | 58.5 | 59.3 | 52.9 | 163        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 2   | 6    | 0      | 36     | 0.932     | -0.046    | 1.358 | 0.033     | 0.03      | 0         | 58   | 59.8 | 54.6 | 163        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 2   | 6    | 10     | 36     | 0.945     | 0.01      | 1.358 | 0.036     | 0.033     | 0         | 58   | 59.3 | 56.3 | 162        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 6    | 20     | 36     | 0.994     | -0.003    | 1.358 | 0.023     | 0.023     | 0         | 58   | 59.3 | 55.9 | 162        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 6    | 30     | 36     | 0.919     | -0.01     | 1.358 | 0.033     | 0.03      | 0         | 58   | 58.9 | 60.2 | 162        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 2   | 6    | 40     | 36     | 0.938     | -0.03     | 1.355 | 0.03      | 0.026     | 0         | 58   | 58.9 | 60.2 | 162        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 2   | 6    | 50     | 36     | 0.919     | -0.003    | 1.355 | 0.03      | 0.03      | 0         | 57.6 | 58.9 | 55.5 | 162        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 2   | 7    | 0      | 36     | 0.928     | -0.03     | 1.355 | 0.033     | 0.03      | 0         | 58   | 59.3 | 58.9 | 162        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 7    | 10     | 36     | 0.922     | -0.046    | 1.355 | 0.033     | 0.03      | 0         | 58   | 59.3 | 59.8 | 162        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 7    | 20     | 36     | 0.971     | -0.023    | 1.355 | 0.03      | 0.026     | 0         | 58   | 58.9 | 59.3 | 162        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 2   | 7    | 30     | 36     | 1.001     | 0.003     | 1.355 | 0.03      | 0.026     | 0         | 58   | 59.3 | 58   | 162        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 7    | 40     | 36     | 0.988     | 0.003     | 1.355 | 0.03      | 0.03      | 0         | 57.6 | 59.3 | 60.2 | 162        | 165        | 0          | 28     | 27     |
| 2009 | 6     | 2   | 7    | 50     | 36     | 0.935     | -0.003    | 1.355 | 0.03      | 0.03      | 0         | 58   | 58.9 | 59.8 | 162        | 165        | 0          | 27     | 28     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 2   | 8    | 0      | 36     | 0.958     | -0.03     | 1.355 | 0.03      | 0.026     | 0         | 58   | 59.3 | 57.6 | 162        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 8    | 10     | 36     | 0.965     | -0.016    | 1.355 | 0.033     | 0.03      | 0         | 58   | 59.3 | 58.5 | 162        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 8    | 20     | 36     | 0.902     | 0.046     | 1.355 | 0.026     | 0.023     | 0         | 57.6 | 59.3 | 59.3 | 162        | 165        | 0          | 28     | 27     |
| 2009 | 6     | 2   | 8    | 30     | 36     | 1.033     | -0.01     | 1.355 | 0.03      | 0.026     | 0         | 57.6 | 59.3 | 58.5 | 162        | 165        | 0          | 28     | 27     |
| 2009 | 6     | 2   | 8    | 40     | 36     | 0.928     | -0.072    | 1.355 | 0.03      | 0.026     | 0         | 57.6 | 59.3 | 61.1 | 162        | 165        | 0          | 28     | 27     |
| 2009 | 6     | 2   | 8    | 50     | 36     | 0.948     | 0         | 1.352 | 0.026     | 0.023     | 0         | 58.9 | 58.9 | 51.2 | 164        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 2   | 9    | 0      | 36     | 0.922     | 0         | 1.355 | 0.03      | 0.026     | 0         | 58.5 | 59.8 | 58   | 164        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 2   | 9    | 10     | 36     | 0.925     | -0.043    | 1.355 | 0.026     | 0.023     | 0         | 58.9 | 59.8 | 57.2 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 9    | 20     | 36     | 0.984     | 0.007     | 1.352 | 0.036     | 0.033     | 0         | 59.3 | 59.8 | 58   | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 9    | 30     | 36     | 1.004     | 0.007     | 1.355 | 0.03      | 0.03      | 0         | 59.8 | 59.8 | 61.5 | 165        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 9    | 40     | 36     | 0.928     | -0.056    | 1.352 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 60.6 | 165        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 2   | 9    | 50     | 36     | 0.896     | 0.03      | 1.352 | 0.026     | 0.023     | 0         | 59.3 | 59.8 | 56.8 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 10   | 0      | 36     | 0.902     | -0.016    | 1.352 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 59.8 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 10   | 10     | 36     | 0.866     | 0.003     | 1.352 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 61.1 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 10   | 20     | 36     | 0.991     | 0.036     | 1.352 | 0.03      | 0.026     | 0         | 59.3 | 60.6 | 60.6 | 166        | 168        | 0          | 28     | 27     |
| 2009 | 6     | 2   | 10   | 30     | 36     | 0.902     | -0.049    | 1.352 | 0.03      | 0.03      | 0         | 59.8 | 60.2 | 59.8 | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 10   | 40     | 36     | 0.906     | 0.062     | 1.352 | 0.036     | 0.033     | 0         | 59.3 | 60.6 | 58.5 | 165        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 2   | 10   | 50     | 36     | 0.965     | 0.007     | 1.352 | 0.026     | 0.023     | 0         | 59.8 | 60.2 | 58.5 | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 11   | 0      | 36     | 0.925     | 0.056     | 1.352 | 0.026     | 0.023     | 0         | 59.8 | 60.6 | 59.3 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 11   | 10     | 36     | 0.935     | 0.013     | 1.352 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 57.6 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 11   | 20     | 36     | 1.01      | -0.016    | 1.352 | 0.033     | 0.03      | 0         | 60.6 | 60.6 | 58.9 | 167        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 11   | 30     | 36     | 0.902     | -0.016    | 1.352 | 0.033     | 0.03      | 0         | 60.6 | 61.1 | 56.3 | 168        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 11   | 40     | 36     | 0.951     | 0.03      | 1.348 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 53.3 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 11   | 50     | 36     | 0.994     | 0         | 1.348 | 0.026     | 0.023     | 0         | 61.1 | 60.6 | 55.9 | 168        | 169        | 0          | 26     | 28     |
| 2009 | 6     | 2   | 12   | 0      | 36     | 0.978     | 0.003     | 1.348 | 0.033     | 0.03      | 0         | 60.6 | 61.1 | 52.9 | 168        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 12   | 10     | 36     | 0.932     | 0.01      | 1.348 | 0.036     | 0.033     | 0         | 60.2 | 61.1 | 55.5 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 12   | 20     | 36     | 0.988     | 0.033     | 1.348 | 0.03      | 0.026     | 0         | 60.6 | 61.1 | 54.6 | 168        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 12   | 30     | 36     | 0.948     | 0.02      | 1.342 | 0.026     | 0.023     | 0         | 60.6 | 61.1 | 52.5 | 168        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 12   | 40     | 36     | 0.899     | 0.01      | 1.339 | 0.033     | 0.03      | 0         | 61.1 | 61.1 | 49   | 168        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 12   | 50     | 36     | 1.024     | 0.069     | 1.339 | 0.03      | 0.026     | 0         | 60.6 | 61.5 | 51.6 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 13   | 0      | 36     | 1.004     | 0.013     | 1.339 | 0.03      | 0.026     | 0         | 60.6 | 61.5 | 53.3 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 13   | 10     | 36     | 1.014     | 0.003     | 1.335 | 0.033     | 0.03      | 0         | 61.1 | 61.9 | 50.7 | 169        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 13   | 20     | 36     | 0.899     | 0.02      | 1.332 | 0.03      | 0.026     | 0         | 61.5 | 61.9 | 49.5 | 169        | 171        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 13   | 30     | 36     | 0.919     | 0         | 1.332 | 0.03      | 0.026     | 0         | 61.1 | 61.5 | 49   | 169        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 13   | 40     | 36     | 0.955     | 0.033     | 1.332 | 0.03      | 0.026     | 0         | 61.1 | 61.5 | 53.3 | 168        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 13   | 50     | 36     | 0.902     | -0.023    | 1.332 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 55   | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 14   | 0      | 36     | 0.906     | 0.03      | 1.329 | 0.026     | 0.023     | 0         | 60.6 | 61.1 | 55   | 168        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 14   | 10     | 36     | 1.017     | -0.003    | 1.325 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 52.5 | 168        | 169        | 0          | 27     | 26     |
| 2009 | 6     | 2   | 14   | 20     | 36     | 0.955     | -0.007    | 1.325 | 0.03      | 0.03      | 0         | 61.1 | 61.5 | 52   | 168        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 14   | 30     | 36     | 0.909     | 0.052     | 1.325 | 0.03      | 0.03      | 0         | 61.5 | 61.9 | 50.3 | 169        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 14   | 40     | 36     | 0.981     | -0.016    | 1.325 | 0.033     | 0.03      | 0         | 61.9 | 61.9 | 52.5 | 170        | 171        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 14   | 50     | 36     | 0.863     | 0.056     | 1.325 | 0.033     | 0.03      | 0         | 61.5 | 62.4 | 49.9 | 169        | 171        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 15   | 0      | 36     | 0.932     | 0.069     | 1.322 | 0.033     | 0.03      | 0         | 61.9 | 62.4 | 50.7 | 170        | 171        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 15   | 10     | 36     | 0.965     | 0.062     | 1.322 | 0.03      | 0.03      | 0         | 61.5 | 62.4 | 49   | 170        | 172        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 15   | 20     | 36     | 0.892     | 0.043     | 1.322 | 0.033     | 0.03      | 0         | 61.9 | 62.4 | 51.2 | 170        | 172        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 15   | 30     | 36     | 0.955     | 0.141     | 1.322 | 0.033     | 0.03      | 0         | 61.1 | 62.4 | 52.5 | 169        | 171        | 0          | 27     | 26     |
| 2009 | 6     | 2   | 15   | 40     | 36     | 0.997     | 0.036     | 1.322 | 0.033     | 0.03      | 0         | 61.5 | 62.4 | 50.3 | 169        | 172        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 15   | 50     | 36     | 0.912     | 0.098     | 1.319 | 0.03      | 0.026     | 0         | 61.9 | 62.8 | 51.2 | 170        | 172        | 0          | 26     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 2   | 16   | 0      | 36     | 0.948     | 0.043     | 1.319 | 0.03      | 0.03      | 0         | 61.9 | 62.8 | 49.9 | 170        | 172        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 16   | 10     | 36     | 0.945     | 0.092     | 1.319 | 0.033     | 0.03      | 0         | 61.9 | 61.9 | 48.6 | 170        | 171        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 16   | 20     | 36     | 0.886     | 0.062     | 1.319 | 0.033     | 0.03      | 0         | 61.1 | 61.9 | 50.7 | 169        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 16   | 30     | 36     | 0.883     | 0.062     | 1.319 | 0.03      | 0.03      | 0         | 61.5 | 61.9 | 54.2 | 169        | 171        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 16   | 40     | 36     | 0.945     | 0.072     | 1.319 | 0.033     | 0.03      | 0         | 61.1 | 61.9 | 54.6 | 169        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 16   | 50     | 36     | 0.912     | 0.059     | 1.319 | 0.036     | 0.033     | 0         | 61.5 | 61.9 | 54.6 | 169        | 171        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 17   | 0      | 36     | 0.928     | 0.039     | 1.319 | 0.033     | 0.03      | 0         | 61.1 | 61.9 | 58   | 169        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 17   | 10     | 36     | 1.001     | -0.003    | 1.316 | 0.03      | 0.03      | 0         | 61.1 | 61.9 | 58   | 169        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 17   | 20     | 36     | 0.961     | 0.095     | 1.316 | 0.033     | 0.03      | 0         | 61.5 | 61.5 | 53.8 | 169        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 17   | 30     | 36     | 0.948     | 0.033     | 1.316 | 0.03      | 0.026     | 0         | 60.6 | 61.5 | 57.2 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 17   | 40     | 36     | 0.906     | -0.016    | 1.316 | 0.033     | 0.033     | 0         | 61.1 | 61.9 | 58.9 | 169        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 17   | 50     | 36     | 0.942     | 0.052     | 1.312 | 0.03      | 0.03      | 0         | 61.5 | 61.9 | 52.5 | 169        | 171        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 18   | 0      | 36     | 0.928     | 0.026     | 1.312 | 0.03      | 0.03      | 0         | 61.5 | 62.4 | 53.3 | 169        | 171        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 18   | 10     | 36     | 0.958     | 0.075     | 1.312 | 0.03      | 0.026     | 0         | 61.1 | 62.4 | 52.5 | 169        | 171        | 0          | 27     | 26     |
| 2009 | 6     | 2   | 18   | 20     | 36     | 0.988     | 0.102     | 1.312 | 0.03      | 0.026     | 0         | 61.1 | 61.5 | 49.9 | 169        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 18   | 30     | 36     | 0.932     | 0.039     | 1.309 | 0.033     | 0.03      | 0         | 61.1 | 61.9 | 48.2 | 169        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 18   | 40     | 36     | 0.971     | 0.039     | 1.309 | 0.03      | 0.026     | 0         | 61.5 | 62.4 | 50.3 | 170        | 172        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 18   | 50     | 36     | 0.951     | 0.039     | 1.312 | 0.033     | 0.03      | 0         | 61.5 | 61.9 | 53.3 | 170        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 19   | 0      | 36     | 0.994     | 0.069     | 1.309 | 0.033     | 0.03      | 0         | 61.5 | 61.9 | 49.5 | 170        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 19   | 10     | 36     | 0.876     | 0.03      | 1.309 | 0.026     | 0.023     | 0         | 61.5 | 61.9 | 53.3 | 170        | 172        | 0          | 27     | 28     |
| 2009 | 6     | 2   | 19   | 20     | 36     | 0.945     | 0.059     | 1.306 | 0.033     | 0.03      | 0         | 61.5 | 61.9 | 48.2 | 169        | 171        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 19   | 30     | 36     | 0.899     | 0.023     | 1.306 | 0.033     | 0.03      | 0         | 61.1 | 61.9 | 52.9 | 169        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 19   | 40     | 36     | 0.938     | 0.062     | 1.309 | 0.033     | 0.03      | 0         | 61.1 | 61.1 | 55   | 169        | 170        | 0          | 27     | 28     |
| 2009 | 6     | 2   | 19   | 50     | 36     | 0.997     | 0.026     | 1.306 | 0.036     | 0.033     | 0         | 61.5 | 61.9 | 55.5 | 169        | 171        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 20   | 0      | 36     | 0.948     | 0.036     | 1.306 | 0.026     | 0.023     | 0         | 61.5 | 61.5 | 54.2 | 169        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 20   | 10     | 36     | 0.942     | 0.085     | 1.306 | 0.039     | 0.039     | 0         | 61.1 | 61.1 | 54.6 | 169        | 170        | 0          | 27     | 28     |
| 2009 | 6     | 2   | 20   | 20     | 36     | 1.033     | 0.023     | 1.306 | 0.03      | 0.03      | 0         | 61.1 | 61.9 | 53.8 | 169        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 20   | 30     | 36     | 0.896     | 0.003     | 1.302 | 0.03      | 0.026     | 0         | 61.1 | 61.9 | 54.2 | 169        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 20   | 40     | 36     | 0.938     | 0.003     | 1.302 | 0.03      | 0.03      | 0         | 60.6 | 61.5 | 54.6 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 20   | 50     | 36     | 0.988     | 0.072     | 1.302 | 0.033     | 0.03      | 0         | 60.6 | 61.9 | 54.6 | 168        | 170        | 0          | 27     | 26     |
| 2009 | 6     | 2   | 21   | 0      | 36     | 0.925     | 0         | 1.299 | 0.03      | 0.03      | 0         | 60.6 | 62.4 | 52.5 | 168        | 171        | 0          | 27     | 26     |
| 2009 | 6     | 2   | 21   | 10     | 36     | 0.961     | 0.075     | 1.302 | 0.036     | 0.033     | 0         | 60.2 | 61.1 | 53.3 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 21   | 20     | 36     | 1.024     | 0.072     | 1.296 | 0.033     | 0.03      | 0         | 60.2 | 61.5 | 49.5 | 167        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 21   | 30     | 36     | 0.909     | 0.01      | 1.296 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 52.9 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 21   | 40     | 36     | 0.899     | 0.043     | 1.296 | 0.026     | 0.023     | 0         | 60.2 | 60.6 | 52.5 | 167        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 21   | 50     | 36     | 0.892     | 0.036     | 1.293 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 53.3 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 22   | 0      | 36     | 0.965     | 0.069     | 1.293 | 0.036     | 0.033     | 0         | 60.6 | 61.5 | 54.2 | 167        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 22   | 10     | 36     | 0.971     | 0.007     | 1.289 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 53.8 | 166        | 168        | 0          | 28     | 27     |
| 2009 | 6     | 2   | 22   | 20     | 36     | 0.978     | 0.01      | 1.289 | 0.036     | 0.033     | 0         | 59.8 | 61.1 | 55.9 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 22   | 30     | 36     | 0.915     | 0.026     | 1.286 | 0.03      | 0.03      | 0         | 59.8 | 60.6 | 51.6 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 22   | 40     | 36     | 0.899     | 0.046     | 1.286 | 0.026     | 0.023     | 0         | 60.2 | 60.6 | 53.8 | 167        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 22   | 50     | 36     | 0.863     | 0.039     | 1.283 | 0.036     | 0.033     | 0         | 59.8 | 60.6 | 55.5 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 23   | 0      | 36     | 0.945     | 0.059     | 1.283 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 55   | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 23   | 10     | 36     | 0.961     | -0.016    | 1.283 | 0.036     | 0.033     | 0         | 59.8 | 60.2 | 55.5 | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 23   | 20     | 36     | 0.919     | -0.013    | 1.28  | 0.03      | 0.03      | 0         | 60.2 | 60.6 | 55.9 | 166        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 23   | 30     | 36     | 0.869     | 0.098     | 1.28  | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 55.5 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 23   | 40     | 36     | 0.945     | 0.079     | 1.28  | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 54.6 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 23   | 50     | 36     | 1.033     | 0.02      | 1.28  | 0.033     | 0.03      | 0         | 59.8 | 60.2 | 56.8 | 166        | 168        | 0          | 27     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 3   | 0    | 0      | 36     | 0.948     | 0.016     | 1.28  | 0.03      | 0.026     | 0         | 59.8 | 60.6 | 55   | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 0    | 10     | 36     | 0.856     | -0.01     | 1.28  | 0.026     | 0.023     | 0         | 59.8 | 60.2 | 55.5 | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 0    | 20     | 36     | 0.948     | 0.02      | 1.276 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 58   | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 0    | 30     | 36     | 0.945     | 0.016     | 1.276 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 55.9 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 0    | 40     | 36     | 0.971     | 0.056     | 1.276 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 57.2 | 165        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 3   | 0    | 50     | 36     | 0.965     | 0.03      | 1.276 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 57.6 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 1    | 0      | 36     | 0.899     | -0.052    | 1.276 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 59.8 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 1    | 10     | 36     | 0.932     | 0.059     | 1.276 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 58.9 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 1    | 20     | 36     | 0.961     | 0         | 1.276 | 0.033     | 0.03      | 0         | 59.8 | 59.3 | 56.8 | 165        | 166        | 0          | 26     | 28     |
| 2009 | 6     | 3   | 1    | 30     | 36     | 0.919     | -0.02     | 1.273 | 0.03      | 0.03      | 0         | 58.9 | 60.6 | 56.8 | 165        | 168        | 0          | 28     | 27     |
| 2009 | 6     | 3   | 1    | 40     | 36     | 1.02      | -0.02     | 1.273 | 0.033     | 0.03      | 0         | 59.8 | 60.2 | 58.5 | 166        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 1    | 50     | 36     | 0.968     | 0.043     | 1.273 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 59.3 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 2    | 0      | 36     | 0.988     | -0.016    | 1.273 | 0.03      | 0.03      | 0         | 59.8 | 60.6 | 60.6 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 2    | 10     | 36     | 0.922     | 0.075     | 1.273 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 58.9 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 2    | 20     | 36     | 0.968     | 0.062     | 1.273 | 0.026     | 0.023     | 0         | 59.8 | 60.6 | 59.8 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 2    | 30     | 36     | 0.919     | -0.036    | 1.273 | 0.039     | 0.039     | 0         | 59.3 | 60.2 | 60.6 | 165        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 2    | 40     | 36     | 0.958     | -0.043    | 1.273 | 0.03      | 0.03      | 0         | 59.3 | 60.6 | 58.9 | 166        | 168        | 0          | 28     | 27     |
| 2009 | 6     | 3   | 2    | 50     | 36     | 0.991     | 0.072     | 1.273 | 0.03      | 0.03      | 0         | 59.8 | 60.6 | 58   | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 3    | 0      | 36     | 0.965     | -0.039    | 1.273 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 58.5 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 3    | 10     | 36     | 0.981     | 0.039     | 1.273 | 0.036     | 0.033     | 0         | 59.3 | 60.2 | 52.9 | 166        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 3   | 3    | 20     | 36     | 0.925     | -0.013    | 1.273 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 58   | 165        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 3    | 30     | 36     | 0.879     | 0.043     | 1.273 | 0.039     | 0.039     | 0         | 59.8 | 60.2 | 60.2 | 166        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 3    | 40     | 36     | 0.932     | -0.023    | 1.273 | 0.03      | 0.026     | 0         | 59.8 | 60.2 | 61.9 | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 3    | 50     | 36     | 0.945     | 0.039     | 1.273 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 61.1 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 3   | 4    | 0      | 36     | 0.997     | -0.007    | 1.273 | 0.036     | 0.033     | 0         | 59.3 | 59.8 | 59.8 | 165        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 4    | 10     | 36     | 0.974     | 0.03      | 1.273 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 57.6 | 165        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 4    | 20     | 36     | 1.033     | 0         | 1.273 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 61.1 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 4    | 30     | 36     | 0.879     | -0.033    | 1.273 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 60.6 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 3   | 4    | 40     | 36     | 0.86      | -0.02     | 1.273 | 0.033     | 0.03      | 0         | 60.2 | 60.6 | 61.9 | 167        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 4    | 50     | 36     | 0.935     | -0.036    | 1.273 | 0.03      | 0.03      | 0         | 59.8 | 60.6 | 61.5 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 5    | 0      | 36     | 0.935     | -0.01     | 1.273 | 0.03      | 0.03      | 0         | 59.8 | 60.2 | 59.3 | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 5    | 10     | 36     | 0.958     | 0.01      | 1.273 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 61.1 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 5    | 20     | 36     | 0.932     | 0         | 1.273 | 0.03      | 0.03      | 0         | 59.3 | 60.2 | 60.2 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 5    | 30     | 36     | 0.961     | 0.003     | 1.273 | 0.033     | 0.033     | 0         | 59.3 | 60.6 | 59.8 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 5    | 40     | 36     | 0.974     | -0.023    | 1.273 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 59.8 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 3   | 5    | 50     | 36     | 0.961     | 0.03      | 1.273 | 0.036     | 0.033     | 0         | 59.3 | 60.2 | 58.9 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 6    | 0      | 36     | 0.938     | 0.039     | 1.273 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 60.6 | 165        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 6    | 10     | 36     | 0.922     | -0.013    | 1.273 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 59.8 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 6    | 20     | 36     | 0.958     | 0.046     | 1.273 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 60.2 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 6    | 30     | 36     | 0.961     | 0.01      | 1.273 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 58.9 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 3   | 6    | 40     | 36     | 0.909     | -0.052    | 1.273 | 0.03      | 0.03      | 0         | 59.3 | 60.2 | 59.8 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 6    | 50     | 36     | 0.932     | 0.01      | 1.273 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 59.3 | 165        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 7    | 0      | 36     | 0.951     | 0.039     | 1.273 | 0.036     | 0.033     | 0         | 58.9 | 60.2 | 59.3 | 165        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 3   | 7    | 10     | 36     | 0.945     | 0.007     | 1.273 | 0.036     | 0.033     | 0         | 59.3 | 59.8 | 59.3 | 164        | 167        | 0          | 26     | 28     |
| 2009 | 6     | 3   | 7    | 20     | 36     | 0.938     | 0.023     | 1.273 | 0.03      | 0.03      | 0         | 59.3 | 60.2 | 58.9 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 7    | 30     | 36     | 0.984     | 0         | 1.273 | 0.039     | 0.036     | 0         | 59.3 | 60.2 | 54.2 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 7    | 40     | 36     | 0.876     | -0.01     | 1.273 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 54.6 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 3   | 7    | 50     | 36     | 0.909     | 0.01      | 1.273 | 0.03      | 0.026     | 0         | 59.3 | 59.8 | 56.8 | 165        | 167        | 0          | 27     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 3   | 8    | 0      | 36     | 0.971     | -0.03     | 1.273 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 58   | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 8    | 10     | 36     | 1.02      | 0.02      | 1.273 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 57.2 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 8    | 20     | 36     | 0.951     | 0.026     | 1.273 | 0.033     | 0.033     | 0         | 59.3 | 60.2 | 54.6 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 8    | 30     | 36     | 0.981     | 0.016     | 1.273 | 0.033     | 0.03      | 0         | 59.3 | 59.3 | 55.9 | 165        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 8    | 40     | 36     | 0.902     | 0.01      | 1.273 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 55   | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 8    | 50     | 36     | 0.928     | -0.016    | 1.273 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 52.9 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 9    | 0      | 36     | 1.02      | 0.056     | 1.273 | 0.03      | 0.03      | 0         | 58.9 | 59.8 | 55.9 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 9    | 10     | 36     | 0.965     | -0.033    | 1.273 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 56.3 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 9    | 20     | 36     | 0.991     | 0.036     | 1.273 | 0.03      | 0.03      | 0         | 58.9 | 60.2 | 55   | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 9    | 30     | 36     | 0.991     | 0         | 1.273 | 0.039     | 0.039     | 0         | 59.3 | 60.2 | 55.5 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 9    | 40     | 36     | 0.935     | -0.02     | 1.273 | 0.03      | 0.03      | 0         | 58.9 | 60.2 | 53.3 | 165        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 3   | 9    | 50     | 36     | 0.984     | 0.01      | 1.27  | 0.033     | 0.03      | 0         | 60.2 | 60.2 | 46.9 | 167        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 10   | 0      | 36     | 0.935     | -0.013    | 1.27  | 0.03      | 0.03      | 0         | 61.5 | 61.9 | 48.2 | 170        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 10   | 10     | 36     | 0.866     | 0.089     | 1.273 | 0.03      | 0.03      | 0         | 61.1 | 61.1 | 43.4 | 169        | 170        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 10   | 20     | 36     | 0.915     | 0.059     | 1.276 | 0.03      | 0.03      | 0         | 60.6 | 62.4 | 55.5 | 169        | 171        | 0          | 28     | 26     |
| 2009 | 6     | 3   | 10   | 30     | 36     | 0.912     | 0.102     | 1.276 | 0.036     | 0.033     | 0         | 60.6 | 61.9 | 59.8 | 168        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 10   | 40     | 36     | 0.892     | -0.02     | 1.276 | 0.03      | 0.03      | 0         | 60.6 | 61.1 | 59.8 | 168        | 170        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 10   | 50     | 36     | 0.883     | 0.089     | 1.273 | 0.033     | 0.03      | 0         | 60.2 | 61.5 | 59.8 | 168        | 170        | 0          | 28     | 27     |
| 2009 | 6     | 3   | 11   | 0      | 36     | 0.961     | 0.066     | 1.273 | 0.033     | 0.03      | 0         | 60.2 | 60.6 | 56.8 | 167        | 169        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 11   | 10     | 36     | 1.001     | 0.046     | 1.273 | 0.033     | 0.03      | 0         | 60.2 | 60.6 | 53.3 | 168        | 169        | 0          | 28     | 28     |
| 2009 | 6     | 3   | 11   | 20     | 36     | 0.919     | 0.026     | 1.273 | 0.036     | 0.033     | 0         | 60.2 | 61.1 | 44.3 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 11   | 30     | 36     | 0.928     | 0.092     | 1.276 | 0.03      | 0.026     | 0         | 60.2 | 61.5 | 60.2 | 167        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 11   | 40     | 36     | 0.955     | 0         | 1.276 | 0.033     | 0.03      | 0         | 60.2 | 60.6 | 55   | 167        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 11   | 50     | 36     | 0.879     | -0.046    | 1.276 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 56.3 | 167        | 170        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 12   | 0      | 36     | 0.974     | -0.01     | 1.276 | 0.036     | 0.033     | 0         | 61.1 | 61.5 | 54.6 | 169        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 12   | 10     | 36     | 0.938     | 0.01      | 1.276 | 0.03      | 0.03      | 0         | 60.6 | 61.5 | 57.6 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 12   | 20     | 36     | 0.948     | 0.003     | 1.276 | 0.03      | 0.03      | 0         | 60.6 | 61.1 | 57.2 | 168        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 12   | 30     | 36     | 0.942     | 0.02      | 1.276 | 0.033     | 0.03      | 0         | 60.2 | 60.6 | 59.8 | 167        | 169        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 12   | 40     | 36     | 0.925     | 0.043     | 1.276 | 0.033     | 0.03      | 0         | 60.2 | 61.5 | 58   | 167        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 12   | 50     | 36     | 0.919     | 0.049     | 1.276 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 60.2 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 13   | 0      | 36     | 0.932     | 0.036     | 1.276 | 0.043     | 0.039     | 0         | 60.6 | 61.1 | 59.3 | 168        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 13   | 10     | 36     | 0.994     | 0.033     | 1.276 | 0.03      | 0.026     | 0         | 60.6 | 61.1 | 59.3 | 168        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 13   | 20     | 36     | 0.889     | 0.069     | 1.276 | 0.03      | 0.03      | 0         | 60.2 | 61.1 | 58.9 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 13   | 30     | 36     | 1.017     | 0         | 1.276 | 0.033     | 0.03      | 0         | 60.2 | 60.6 | 55   | 167        | 169        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 13   | 40     | 36     | 0.935     | -0.013    | 1.273 | 0.043     | 0.039     | 0         | 60.2 | 61.1 | 50.3 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 13   | 50     | 36     | 0.909     | 0.082     | 1.273 | 0.03      | 0.026     | 0         | 60.6 | 61.9 | 52.9 | 168        | 170        | 0          | 27     | 26     |
| 2009 | 6     | 3   | 14   | 0      | 36     | 0.974     | 0.016     | 1.273 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 53.8 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 14   | 10     | 36     | 0.919     | 0.016     | 1.276 | 0.033     | 0.033     | 0         | 60.6 | 61.5 | 52.9 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 14   | 20     | 36     | 0.961     | 0.023     | 1.273 | 0.036     | 0.033     | 0         | 60.6 | 61.5 | 52.9 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 14   | 30     | 36     | 0.912     | 0.043     | 1.273 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 50.7 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 14   | 40     | 36     | 0.892     | 0.075     | 1.273 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 51.2 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 14   | 50     | 36     | 0.991     | -0.02     | 1.273 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 52.5 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 15   | 0      | 36     | 0.928     | -0.016    | 1.273 | 0.036     | 0.033     | 0         | 61.1 | 61.5 | 50.7 | 168        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 15   | 10     | 36     | 0.945     | 0.056     | 1.273 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 49.9 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 15   | 20     | 36     | 0.955     | -0.013    | 1.273 | 0.03      | 0.026     | 0         | 60.6 | 61.1 | 51.2 | 168        | 170        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 15   | 30     | 36     | 0.922     | 0.043     | 1.273 | 0.036     | 0.033     | 0         | 61.5 | 61.9 | 53.3 | 170        | 172        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 15   | 40     | 36     | 0.886     | 0.115     | 1.273 | 0.033     | 0.03      | 0         | 61.1 | 62.4 | 54.2 | 169        | 172        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 15   | 50     | 36     | 0.912     | 0.066     | 1.273 | 0.033     | 0.03      | 0         | 61.5 | 61.9 | 52   | 170        | 172        | 0          | 27     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 3   | 16   | 0      | 36     | 0.869     | 0.026     | 1.276 | 0.03      | 0.03      | 0         | 61.1 | 62.4 | 57.2 | 169        | 172        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 16   | 10     | 36     | 0.873     | 0.066     | 1.276 | 0.03      | 0.03      | 0         | 61.1 | 61.9 | 55.9 | 169        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 16   | 20     | 36     | 0.919     | 0.036     | 1.276 | 0.039     | 0.036     | 0         | 61.5 | 62.4 | 54.2 | 170        | 172        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 16   | 30     | 36     | 0.909     | 0         | 1.276 | 0.033     | 0.03      | 0         | 61.1 | 61.5 | 54.6 | 169        | 171        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 16   | 40     | 36     | 0.974     | 0.01      | 1.28  | 0.033     | 0.03      | 0         | 61.1 | 61.5 | 53.3 | 169        | 171        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 16   | 50     | 36     | 1.001     | 0.062     | 1.28  | 0.03      | 0.03      | 0         | 60.6 | 61.9 | 53.3 | 169        | 172        | 0          | 28     | 28     |
| 2009 | 6     | 3   | 17   | 0      | 36     | 0.945     | 0.02      | 1.28  | 0.026     | 0.023     | 0         | 61.1 | 61.9 | 53.3 | 169        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 17   | 10     | 36     | 0.968     | 0.039     | 1.283 | 0.036     | 0.033     | 0         | 60.2 | 61.5 | 53.8 | 168        | 170        | 0          | 28     | 27     |
| 2009 | 6     | 3   | 17   | 20     | 36     | 0.935     | 0         | 1.283 | 0.03      | 0.026     | 0         | 60.6 | 61.1 | 53.8 | 168        | 170        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 17   | 30     | 36     | 0.942     | 0.01      | 1.286 | 0.033     | 0.033     | 0         | 61.5 | 61.9 | 51.6 | 170        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 17   | 40     | 36     | 0.935     | 0.095     | 1.286 | 0.03      | 0.03      | 0         | 61.1 | 61.5 | 53.3 | 169        | 171        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 17   | 50     | 36     | 0.945     | 0.033     | 1.286 | 0.036     | 0.033     | 0         | 61.1 | 61.9 | 51.2 | 169        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 18   | 0      | 36     | 0.896     | 0.003     | 1.296 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 56.3 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 18   | 10     | 36     | 0.942     | 0.013     | 1.296 | 0.03      | 0.03      | 0         | 59.8 | 61.5 | 54.2 | 167        | 170        | 0          | 28     | 27     |
| 2009 | 6     | 3   | 18   | 20     | 36     | 1.04      | 0         | 1.296 | 0.03      | 0.026     | 0         | 60.2 | 61.1 | 56.3 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 18   | 30     | 36     | 0.912     | -0.003    | 1.299 | 0.033     | 0.03      | 0         | 59.8 | 60.2 | 57.2 | 166        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 18   | 40     | 36     | 0.889     | 0.03      | 1.299 | 0.03      | 0.03      | 0         | 59.8 | 60.6 | 57.6 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 18   | 50     | 36     | 0.932     | 0.03      | 1.299 | 0.033     | 0.03      | 0         | 59.8 | 60.2 | 58.9 | 166        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 19   | 0      | 36     | 0.961     | 0         | 1.299 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 58.9 | 166        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 3   | 19   | 10     | 36     | 0.925     | 0.036     | 1.299 | 0.03      | 0.03      | 0         | 59.3 | 60.2 | 59.3 | 165        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 19   | 20     | 36     | 0.997     | 0.026     | 1.299 | 0.03      | 0.03      | 0         | 59.3 | 59.8 | 58.9 | 165        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 19   | 30     | 36     | 0.879     | 0.026     | 1.299 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 59.3 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 19   | 40     | 36     | 0.951     | -0.059    | 1.299 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 58.5 | 166        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 3   | 19   | 50     | 36     | 0.958     | 0.023     | 1.299 | 0.033     | 0.033     | 0         | 59.3 | 59.8 | 59.8 | 165        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 20   | 0      | 36     | 0.919     | 0         | 1.299 | 0.033     | 0.033     | 0         | 59.8 | 60.6 | 58   | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 20   | 10     | 36     | 0.915     | 0.03      | 1.299 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 58.9 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 3   | 20   | 20     | 36     | 0.922     | 0.02      | 1.299 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 58.5 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 20   | 30     | 36     | 0.968     | 0         | 1.299 | 0.03      | 0.03      | 0         | 58.5 | 59.8 | 60.6 | 164        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 3   | 20   | 40     | 36     | 0.925     | 0.016     | 1.299 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 59.3 | 165        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 3   | 20   | 50     | 36     | 0.978     | 0.013     | 1.296 | 0.036     | 0.033     | 0         | 58.9 | 59.8 | 59.3 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 3   | 21   | 0      | 36     | 0.965     | -0.03     | 1.296 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 60.2 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 3   | 21   | 10     | 36     | 0.955     | 0.003     | 1.296 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 59.8 | 165        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 21   | 20     | 36     | 1.02      | 0.02      | 1.296 | 0.033     | 0.03      | 0         | 58.9 | 59.3 | 59.8 | 164        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 21   | 30     | 36     | 0.965     | -0.007    | 1.296 | 0.033     | 0.033     | 0         | 58.9 | 59.3 | 58.5 | 164        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 21   | 40     | 36     | 0.991     | 0         | 1.296 | 0.036     | 0.033     | 0         | 58.9 | 59.8 | 56.3 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 21   | 50     | 36     | 0.853     | 0.01      | 1.296 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 58.5 | 164        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 3   | 22   | 0      | 36     | 0.938     | 0.046     | 1.296 | 0.03      | 0.03      | 0         | 58.9 | 59.8 | 59.3 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 22   | 10     | 36     | 0.994     | 0.023     | 1.296 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 58.9 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 22   | 20     | 36     | 0.879     | -0.003    | 1.296 | 0.033     | 0.03      | 0         | 58.5 | 59.3 | 59.8 | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 22   | 30     | 36     | 0.892     | -0.033    | 1.296 | 0.03      | 0.03      | 0         | 58   | 59.3 | 59.8 | 163        | 165        | 0          | 28     | 27     |
| 2009 | 6     | 3   | 22   | 40     | 36     | 0.928     | 0.01      | 1.296 | 0.03      | 0.026     | 0         | 58.5 | 58.9 | 60.2 | 163        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 22   | 50     | 36     | 0.915     | -0.056    | 1.296 | 0.033     | 0.03      | 0         | 58.5 | 59.3 | 60.6 | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 23   | 0      | 36     | 0.938     | 0.039     | 1.296 | 0.033     | 0.03      | 0         | 58   | 58.9 | 60.2 | 163        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 3   | 23   | 10     | 36     | 0.955     | 0.01      | 1.296 | 0.033     | 0.03      | 0         | 58.5 | 58.9 | 60.2 | 163        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 23   | 20     | 36     | 0.974     | -0.01     | 1.296 | 0.039     | 0.036     | 0         | 57.6 | 58.9 | 60.6 | 162        | 164        | 0          | 28     | 27     |
| 2009 | 6     | 3   | 23   | 30     | 36     | 0.988     | -0.036    | 1.296 | 0.033     | 0.03      | 0         | 58   | 58.5 | 60.2 | 163        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 3   | 23   | 40     | 36     | 0.955     | -0.016    | 1.296 | 0.033     | 0.03      | 0         | 58.5 | 59.3 | 60.2 | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 23   | 50     | 36     | 0.915     | -0.026    | 1.296 | 0.033     | 0.03      | 0         | 57.6 | 58.5 | 60.6 | 162        | 164        | 0          | 28     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 4   | 0    | 0      | 36     | 1.01      | 0.016     | 1.293 | 0.03      | 0.026     | 0         | 57.6 | 58.9 | 60.6 | 162        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 0    | 10     | 36     | 0.912     | -0.003    | 1.296 | 0.033     | 0.03      | 0         | 57.6 | 58.9 | 61.1 | 162        | 164        | 0          | 28     | 27     |
| 2009 | 6     | 4   | 0    | 20     | 36     | 0.968     | -0.013    | 1.296 | 0.03      | 0.026     | 0         | 58   | 58.5 | 61.1 | 162        | 164        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 0    | 30     | 36     | 0.928     | -0.03     | 1.296 | 0.03      | 0.026     | 0         | 57.6 | 58.5 | 61.1 | 162        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 0    | 40     | 36     | 0.958     | -0.02     | 1.293 | 0.03      | 0.026     | 0         | 57.6 | 58.9 | 61.5 | 162        | 164        | 0          | 28     | 27     |
| 2009 | 6     | 4   | 0    | 50     | 36     | 0.978     | 0.016     | 1.296 | 0.033     | 0.03      | 0         | 57.2 | 58.5 | 60.2 | 161        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 1    | 0      | 36     | 0.935     | -0.049    | 1.296 | 0.03      | 0.03      | 0         | 58   | 58.5 | 61.1 | 162        | 164        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 1    | 10     | 36     | 0.909     | 0         | 1.296 | 0.033     | 0.03      | 0         | 58   | 58.5 | 61.9 | 162        | 164        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 1    | 20     | 36     | 0.928     | 0         | 1.296 | 0.033     | 0.03      | 0         | 58   | 58.9 | 61.1 | 163        | 164        | 0          | 28     | 27     |
| 2009 | 6     | 4   | 1    | 30     | 36     | 0.942     | -0.016    | 1.296 | 0.033     | 0.033     | 0         | 57.6 | 58.9 | 61.1 | 162        | 164        | 0          | 28     | 27     |
| 2009 | 6     | 4   | 1    | 40     | 36     | 1.001     | 0.013     | 1.296 | 0.03      | 0.03      | 0         | 57.6 | 58.5 | 60.6 | 162        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 1    | 50     | 36     | 0.922     | -0.059    | 1.296 | 0.033     | 0.03      | 0         | 58   | 58.9 | 61.9 | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 2    | 0      | 36     | 0.951     | -0.026    | 1.296 | 0.036     | 0.033     | 0         | 58   | 58.9 | 61.5 | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 2    | 10     | 36     | 0.938     | -0.03     | 1.296 | 0.03      | 0.026     | 0         | 58   | 58.9 | 62.4 | 163        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 2    | 20     | 36     | 0.935     | 0.007     | 1.296 | 0.033     | 0.03      | 0         | 58   | 58.9 | 61.1 | 163        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 2    | 30     | 36     | 0.922     | -0.003    | 1.296 | 0.039     | 0.036     | 0         | 58   | 58.9 | 61.1 | 162        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 2    | 40     | 36     | 0.879     | -0.016    | 1.296 | 0.033     | 0.03      | 0         | 57.6 | 58.9 | 61.5 | 162        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 2    | 50     | 36     | 0.928     | -0.082    | 1.296 | 0.03      | 0.026     | 0         | 58   | 58.5 | 61.1 | 163        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 3    | 0      | 36     | 0.974     | -0.03     | 1.296 | 0.03      | 0.03      | 0         | 58   | 58.5 | 61.5 | 162        | 164        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 3    | 10     | 36     | 0.912     | 0.049     | 1.296 | 0.033     | 0.03      | 0         | 58   | 58.9 | 61.5 | 163        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 3    | 20     | 36     | 0.843     | -0.033    | 1.296 | 0.033     | 0.03      | 0         | 58.9 | 59.3 | 61.9 | 164        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 3    | 30     | 36     | 1.02      | -0.013    | 1.296 | 0.036     | 0.033     | 0         | 58.9 | 59.3 | 60.6 | 164        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 3    | 40     | 36     | 0.919     | 0.033     | 1.296 | 0.033     | 0.03      | 0         | 58.5 | 58.9 | 61.5 | 163        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 3    | 50     | 36     | 1.001     | -0.03     | 1.296 | 0.03      | 0.026     | 0         | 58   | 59.3 | 61.1 | 163        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 4    | 0      | 36     | 0.951     | 0.02      | 1.296 | 0.03      | 0.03      | 0         | 58.5 | 59.3 | 62.4 | 163        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 4    | 10     | 36     | 0.909     | -0.003    | 1.296 | 0.03      | 0.026     | 0         | 58.5 | 59.3 | 62.4 | 164        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 4    | 20     | 36     | 0.932     | 0.092     | 1.296 | 0.033     | 0.033     | 0         | 58   | 59.3 | 61.1 | 163        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 4    | 30     | 36     | 0.863     | -0.043    | 1.296 | 0.03      | 0.03      | 0         | 58   | 59.3 | 61.5 | 163        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 4    | 40     | 36     | 0.922     | -0.039    | 1.296 | 0.03      | 0.026     | 0         | 58   | 59.3 | 62.4 | 163        | 165        | 0          | 28     | 27     |
| 2009 | 6     | 4   | 4    | 50     | 36     | 0.935     | 0.036     | 1.296 | 0.033     | 0.03      | 0         | 58   | 58.5 | 62.4 | 163        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 4   | 5    | 0      | 36     | 0.925     | 0         | 1.296 | 0.033     | 0.03      | 0         | 58   | 59.3 | 62.4 | 163        | 165        | 0          | 28     | 27     |
| 2009 | 6     | 4   | 5    | 10     | 36     | 1.027     | -0.01     | 1.296 | 0.033     | 0.03      | 0         | 57.6 | 58.5 | 62.8 | 162        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 5    | 20     | 36     | 0.978     | -0.046    | 1.296 | 0.036     | 0.033     | 0         | 58   | 58.9 | 62.4 | 163        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 5    | 30     | 36     | 1.037     | -0.013    | 1.296 | 0.033     | 0.03      | 0         | 58   | 58.5 | 62.8 | 162        | 164        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 5    | 40     | 36     | 0.974     | -0.033    | 1.296 | 0.033     | 0.03      | 0         | 57.6 | 58.5 | 62.4 | 162        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 5    | 50     | 36     | 0.935     | -0.062    | 1.296 | 0.033     | 0.03      | 0         | 57.6 | 58.5 | 62.8 | 162        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 6    | 0      | 36     | 0.935     | -0.062    | 1.296 | 0.03      | 0.03      | 0         | 58   | 58.5 | 63.2 | 162        | 164        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 6    | 10     | 36     | 0.935     | 0.013     | 1.296 | 0.033     | 0.03      | 0         | 57.2 | 58   | 63.6 | 161        | 163        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 6    | 20     | 36     | 0.899     | 0         | 1.296 | 0.033     | 0.03      | 0         | 57.2 | 58.5 | 63.2 | 161        | 163        | 0          | 28     | 27     |
| 2009 | 6     | 4   | 6    | 30     | 36     | 0.928     | 0.026     | 1.296 | 0.039     | 0.036     | 0         | 57.2 | 58.5 | 62.8 | 161        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 6    | 40     | 36     | 0.955     | 0         | 1.296 | 0.033     | 0.03      | 0         | 57.2 | 58   | 63.2 | 161        | 163        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 6    | 50     | 36     | 0.968     | -0.052    | 1.299 | 0.033     | 0.03      | 0         | 56.8 | 58   | 62.8 | 161        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 4   | 7    | 0      | 36     | 0.938     | -0.016    | 1.296 | 0.033     | 0.03      | 0         | 57.2 | 58   | 63.6 | 161        | 163        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 7    | 10     | 36     | 0.886     | 0         | 1.299 | 0.03      | 0.026     | 0         | 57.2 | 58   | 63.2 | 161        | 163        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 7    | 20     | 36     | 0.932     | -0.043    | 1.299 | 0.033     | 0.03      | 0         | 57.6 | 58   | 63.6 | 161        | 163        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 7    | 30     | 36     | 0.942     | -0.003    | 1.299 | 0.033     | 0.03      | 0         | 57.6 | 58.5 | 63.6 | 161        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 7    | 40     | 36     | 0.948     | -0.049    | 1.299 | 0.039     | 0.036     | 0         | 57.6 | 58   | 64.1 | 161        | 163        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 7    | 50     | 36     | 0.984     | -0.052    | 1.299 | 0.033     | 0.03      | 0         | 57.2 | 58.5 | 64.1 | 161        | 163        | 0          | 28     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 4   | 8    | 0      | 36     | 1.017     | 0.056     | 1.299 | 0.03      | 0.03      | 0         | 57.2 | 58.5 | 63.6 | 161        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 8    | 10     | 36     | 1.017     | 0         | 1.299 | 0.039     | 0.039     | 0         | 56.8 | 58   | 63.6 | 161        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 4   | 8    | 20     | 36     | 0.938     | 0.016     | 1.299 | 0.03      | 0.03      | 0         | 57.2 | 58   | 64.1 | 161        | 163        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 8    | 30     | 36     | 1.017     | 0.003     | 1.299 | 0.033     | 0.03      | 0         | 57.2 | 58   | 63.6 | 161        | 163        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 8    | 40     | 36     | 0.902     | -0.016    | 1.299 | 0.033     | 0.03      | 0         | 57.6 | 58.5 | 63.2 | 162        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 8    | 50     | 36     | 0.988     | -0.056    | 1.299 | 0.036     | 0.033     | 0         | 57.6 | 58.5 | 62.8 | 162        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 9    | 0      | 36     | 0.942     | 0.013     | 1.299 | 0.03      | 0.03      | 0         | 57.2 | 58.5 | 62.4 | 161        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 9    | 10     | 36     | 0.922     | -0.059    | 1.299 | 0.036     | 0.033     | 0         | 58   | 58.5 | 62.8 | 162        | 164        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 9    | 20     | 36     | 0.981     | 0         | 1.299 | 0.03      | 0.03      | 0         | 57.6 | 58   | 61.1 | 161        | 163        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 9    | 30     | 36     | 0.85      | -0.072    | 1.299 | 0.036     | 0.033     | 0         | 57.6 | 58.9 | 61.1 | 162        | 164        | 0          | 28     | 27     |
| 2009 | 6     | 4   | 9    | 40     | 36     | 0.984     | -0.052    | 1.299 | 0.033     | 0.033     | 0         | 57.6 | 58.5 | 61.1 | 162        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 9    | 50     | 36     | 0.988     | 0         | 1.299 | 0.03      | 0.03      | 0         | 58   | 58.5 | 61.5 | 162        | 164        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 10   | 0      | 36     | 0.948     | -0.02     | 1.299 | 0.033     | 0.033     | 0         | 57.6 | 58.5 | 62.4 | 162        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 10   | 10     | 36     | 0.906     | 0         | 1.299 | 0.033     | 0.03      | 0         | 57.6 | 58.9 | 59.8 | 162        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 10   | 20     | 36     | 0.997     | -0.003    | 1.299 | 0.03      | 0.03      | 0         | 57.6 | 58.9 | 61.1 | 162        | 164        | 0          | 28     | 27     |
| 2009 | 6     | 4   | 10   | 30     | 36     | 0.994     | 0         | 1.299 | 0.033     | 0.03      | 0         | 58   | 59.3 | 60.6 | 163        | 165        | 0          | 28     | 27     |
| 2009 | 6     | 4   | 10   | 40     | 36     | 0.922     | -0.062    | 1.299 | 0.036     | 0.033     | 0         | 58.5 | 59.3 | 59.8 | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 10   | 50     | 36     | 0.997     | 0.013     | 1.299 | 0.033     | 0.03      | 0         | 58.5 | 59.3 | 60.6 | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 11   | 0      | 36     | 0.942     | -0.03     | 1.299 | 0.033     | 0.03      | 0         | 58.5 | 58.9 | 59.3 | 163        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 11   | 10     | 36     | 0.955     | 0.016     | 1.296 | 0.036     | 0.033     | 0         | 58.5 | 59.3 | 56.3 | 164        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 11   | 20     | 36     | 0.971     | 0.059     | 1.296 | 0.036     | 0.033     | 0         | 58.9 | 59.8 | 56.3 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 11   | 30     | 36     | 0.948     | 0.033     | 1.296 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 56.3 | 164        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 11   | 40     | 36     | 0.958     | 0.003     | 1.296 | 0.039     | 0.036     | 0         | 58.9 | 60.2 | 56.3 | 165        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 4   | 11   | 50     | 36     | 0.974     | 0.03      | 1.299 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 56.3 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 12   | 0      | 36     | 0.932     | -0.02     | 1.296 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 55.9 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 12   | 10     | 36     | 0.896     | 0.013     | 1.296 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 54.2 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 12   | 20     | 36     | 0.965     | -0.03     | 1.296 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 55   | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 12   | 30     | 36     | 0.935     | -0.013    | 1.296 | 0.036     | 0.033     | 0         | 59.8 | 60.6 | 55   | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 12   | 40     | 36     | 0.991     | -0.01     | 1.296 | 0.036     | 0.033     | 0         | 59.8 | 60.2 | 56.3 | 166        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 12   | 50     | 36     | 0.906     | 0.052     | 1.296 | 0.026     | 0.023     | 0         | 59.8 | 60.6 | 53.3 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 13   | 0      | 36     | 0.955     | 0.049     | 1.296 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 52.9 | 166        | 168        | 0          | 28     | 27     |
| 2009 | 6     | 4   | 13   | 10     | 36     | 0.919     | -0.066    | 1.293 | 0.033     | 0.03      | 0         | 59.8 | 60.2 | 51.6 | 166        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 13   | 20     | 36     | 0.892     | 0         | 1.296 | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 57.2 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 13   | 30     | 36     | 0.961     | 0.007     | 1.293 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 49   | 167        | 169        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 13   | 40     | 36     | 0.938     | -0.01     | 1.293 | 0.03      | 0.026     | 0         | 59.8 | 61.1 | 55.5 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 13   | 50     | 36     | 0.984     | 0.033     | 1.289 | 0.033     | 0.03      | 0         | 60.6 | 60.6 | 51.2 | 167        | 169        | 0          | 26     | 28     |
| 2009 | 6     | 4   | 14   | 0      | 36     | 0.896     | 0.023     | 1.289 | 0.039     | 0.036     | 0         | 60.2 | 61.1 | 51.6 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 14   | 10     | 36     | 0.958     | 0.033     | 1.286 | 0.03      | 0.03      | 0         | 60.2 | 61.1 | 51.2 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 14   | 20     | 36     | 0.938     | 0.003     | 1.286 | 0.03      | 0.03      | 0         | 60.2 | 61.5 | 52   | 167        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 14   | 30     | 36     | 0.961     | 0.059     | 1.286 | 0.039     | 0.039     | 0         | 59.8 | 61.5 | 51.2 | 167        | 170        | 0          | 28     | 27     |
| 2009 | 6     | 4   | 14   | 40     | 36     | 0.945     | 0         | 1.283 | 0.033     | 0.03      | 0         | 60.2 | 61.5 | 49   | 167        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 14   | 50     | 36     | 1.017     | -0.007    | 1.283 | 0.033     | 0.03      | 0         | 61.1 | 61.5 | 49.5 | 168        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 4   | 15   | 0      | 36     | 0.915     | 0.046     | 1.283 | 0.039     | 0.036     | 0         | 60.2 | 61.1 | 51.6 | 167        | 170        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 15   | 10     | 36     | 0.961     | 0.039     | 1.283 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 51.6 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 15   | 20     | 36     | 1.01      | 0.085     | 1.283 | 0.033     | 0.033     | 0         | 61.1 | 61.9 | 50.3 | 169        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 15   | 30     | 36     | 0.919     | 0.01      | 1.283 | 0.033     | 0.03      | 0         | 59.8 | 61.5 | 49.5 | 167        | 170        | 0          | 28     | 27     |
| 2009 | 6     | 4   | 15   | 40     | 36     | 0.961     | 0         | 1.283 | 0.033     | 0.03      | 0         | 60.6 | 61.9 | 49.9 | 168        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 15   | 50     | 36     | 0.928     | 0.016     | 1.28  | 0.03      | 0.026     | 0         | 60.6 | 61.5 | 49.5 | 168        | 170        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 4   | 16   | 0      | 36     | 0.906     | 0.079     | 1.28  | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 49.9 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 16   | 10     | 36     | 0.912     | 0.03      | 1.28  | 0.03      | 0.03      | 0         | 61.1 | 61.5 | 51.2 | 168        | 171        | 0          | 26     | 28     |
| 2009 | 6     | 4   | 16   | 20     | 36     | 0.883     | 0.023     | 1.28  | 0.036     | 0.033     | 0         | 60.6 | 61.5 | 50.7 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 16   | 30     | 36     | 0.925     | 0.01      | 1.28  | 0.03      | 0.03      | 0         | 60.2 | 61.9 | 50.3 | 168        | 171        | 0          | 28     | 27     |
| 2009 | 6     | 4   | 16   | 40     | 36     | 0.932     | 0.059     | 1.28  | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 47.3 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 16   | 50     | 36     | 0.928     | 0.056     | 1.28  | 0.03      | 0.026     | 0         | 60.6 | 61.5 | 50.3 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 17   | 0      | 36     | 0.974     | 0.013     | 1.28  | 0.033     | 0.03      | 0         | 60.2 | 61.5 | 50.3 | 168        | 170        | 0          | 28     | 27     |
| 2009 | 6     | 4   | 17   | 10     | 36     | 0.925     | 0.089     | 1.28  | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 51.2 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 17   | 20     | 36     | 0.915     | 0.046     | 1.28  | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 50.3 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 17   | 30     | 36     | 0.856     | 0.069     | 1.276 | 0.03      | 0.026     | 0         | 61.1 | 61.5 | 51.2 | 168        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 4   | 17   | 40     | 36     | 0.974     | 0.03      | 1.28  | 0.039     | 0.036     | 0         | 60.6 | 61.5 | 52   | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 17   | 50     | 36     | 0.997     | 0.02      | 1.28  | 0.03      | 0.03      | 0         | 60.6 | 61.5 | 51.2 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 18   | 0      | 36     | 0.899     | 0.013     | 1.276 | 0.033     | 0.03      | 0         | 61.1 | 61.9 | 49   | 169        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 18   | 10     | 36     | 0.978     | 0.026     | 1.276 | 0.036     | 0.033     | 0         | 60.2 | 61.5 | 53.8 | 167        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 18   | 20     | 36     | 0.988     | 0.059     | 1.276 | 0.039     | 0.036     | 0         | 60.2 | 61.1 | 50.3 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 18   | 30     | 36     | 0.899     | -0.036    | 1.276 | 0.033     | 0.03      | 0         | 60.2 | 60.6 | 52.9 | 167        | 169        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 18   | 40     | 36     | 0.932     | -0.016    | 1.276 | 0.03      | 0.03      | 0         | 60.2 | 61.1 | 54.2 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 18   | 50     | 36     | 0.879     | -0.023    | 1.276 | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 52.9 | 167        | 169        | 0          | 28     | 27     |
| 2009 | 6     | 4   | 19   | 0      | 36     | 0.915     | 0.092     | 1.276 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 53.8 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 19   | 10     | 36     | 1.014     | -0.013    | 1.276 | 0.036     | 0.033     | 0         | 60.2 | 61.5 | 54.6 | 167        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 19   | 20     | 36     | 0.938     | 0.023     | 1.276 | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 55   | 167        | 169        | 0          | 28     | 27     |
| 2009 | 6     | 4   | 19   | 30     | 36     | 0.906     | 0.013     | 1.276 | 0.036     | 0.033     | 0         | 60.2 | 61.1 | 54.6 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 19   | 40     | 36     | 0.879     | 0.03      | 1.276 | 0.039     | 0.036     | 0         | 60.2 | 61.1 | 55   | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 19   | 50     | 36     | 0.945     | 0.03      | 1.276 | 0.033     | 0.03      | 0         | 60.2 | 60.6 | 55   | 167        | 169        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 20   | 0      | 36     | 0.994     | 0.013     | 1.276 | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 54.6 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 20   | 10     | 36     | 0.915     | 0.039     | 1.273 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 53.8 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 20   | 20     | 36     | 0.978     | 0.003     | 1.276 | 0.033     | 0.033     | 0         | 59.8 | 61.1 | 54.2 | 167        | 170        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 20   | 30     | 36     | 0.932     | 0.003     | 1.276 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 54.6 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 20   | 40     | 36     | 1.004     | -0.056    | 1.276 | 0.036     | 0.033     | 0         | 59.3 | 60.2 | 54.2 | 166        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 20   | 50     | 36     | 0.902     | 0.066     | 1.273 | 0.036     | 0.033     | 0         | 59.8 | 60.2 | 53.3 | 166        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 21   | 0      | 36     | 0.873     | -0.02     | 1.276 | 0.033     | 0.033     | 0         | 59.8 | 60.6 | 55   | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 21   | 10     | 36     | 0.997     | -0.026    | 1.273 | 0.03      | 0.026     | 0         | 59.8 | 60.2 | 55.5 | 166        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 21   | 20     | 36     | 0.955     | 0.003     | 1.276 | 0.039     | 0.036     | 0         | 59.3 | 60.2 | 58.5 | 165        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 21   | 30     | 36     | 0.974     | 0.026     | 1.276 | 0.03      | 0.03      | 0         | 58.9 | 60.2 | 59.3 | 165        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 4   | 21   | 40     | 36     | 0.968     | 0.033     | 1.273 | 0.03      | 0.03      | 0         | 58.9 | 59.8 | 59.8 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 21   | 50     | 36     | 0.925     | 0         | 1.273 | 0.03      | 0.03      | 0         | 58.9 | 60.2 | 60.2 | 165        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 4   | 22   | 0      | 36     | 0.915     | 0.03      | 1.273 | 0.033     | 0.033     | 0         | 58.9 | 59.8 | 59.8 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 22   | 10     | 36     | 0.958     | 0.056     | 1.273 | 0.03      | 0.03      | 0         | 58.9 | 59.8 | 58.9 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 22   | 20     | 36     | 0.974     | -0.046    | 1.273 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 60.2 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 22   | 30     | 36     | 0.965     | -0.02     | 1.273 | 0.026     | 0.023     | 0         | 59.3 | 59.8 | 60.6 | 165        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 22   | 40     | 36     | 0.974     | 0.013     | 1.273 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 60.2 | 165        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 4   | 22   | 50     | 36     | 0.951     | -0.066    | 1.273 | 0.03      | 0.026     | 0         | 58.5 | 59.8 | 58.5 | 164        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 23   | 0      | 36     | 0.942     | -0.007    | 1.273 | 0.03      | 0.026     | 0         | 58.9 | 59.3 | 60.2 | 164        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 23   | 10     | 36     | 0.938     | 0.007     | 1.273 | 0.033     | 0.03      | 0         | 58.5 | 60.2 | 58   | 164        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 4   | 23   | 20     | 36     | 0.984     | 0.007     | 1.273 | 0.036     | 0.033     | 0         | 58.5 | 59.3 | 58.5 | 164        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 23   | 30     | 36     | 0.909     | 0.026     | 1.273 | 0.03      | 0.03      | 0         | 58.5 | 59.8 | 59.8 | 164        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 4   | 23   | 40     | 36     | 0.942     | 0.026     | 1.273 | 0.039     | 0.036     | 0         | 58.9 | 59.3 | 60.2 | 164        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 23   | 50     | 36     | 0.919     | -0.049    | 1.273 | 0.03      | 0.026     | 0         | 58.5 | 59.3 | 59.8 | 164        | 166        | 0          | 28     | 28     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 5   | 0    | 0      | 36     | 0.883     | 0.013     | 1.273 | 0.03      | 0.03      | 0         | 58.9 | 59.8 | 60.6 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 0    | 10     | 36     | 0.961     | -0.039    | 1.273 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 60.6 | 164        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 5   | 0    | 20     | 36     | 0.965     | 0.003     | 1.273 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 59.3 | 164        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 5   | 0    | 30     | 36     | 0.942     | -0.036    | 1.273 | 0.033     | 0.03      | 0         | 58.5 | 59.3 | 59.8 | 164        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 5   | 0    | 40     | 36     | 0.932     | 0.03      | 1.273 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 59.3 | 164        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 0    | 50     | 36     | 0.951     | 0         | 1.273 | 0.03      | 0.03      | 0         | 58.5 | 59.8 | 60.2 | 164        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 5   | 1    | 0      | 36     | 0.886     | 0.026     | 1.273 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 59.8 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 1    | 10     | 36     | 1.027     | 0.039     | 1.273 | 0.03      | 0.03      | 0         | 58.9 | 60.2 | 59.8 | 165        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 5   | 1    | 20     | 36     | 0.899     | 0.03      | 1.273 | 0.03      | 0.03      | 0         | 58.9 | 59.8 | 59.8 | 164        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 1    | 30     | 36     | 0.892     | 0         | 1.273 | 0.033     | 0.03      | 0         | 58.5 | 59.3 | 59.8 | 164        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 5   | 1    | 40     | 36     | 0.984     | -0.003    | 1.273 | 0.036     | 0.033     | 0         | 58.5 | 59.8 | 59.8 | 164        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 5   | 1    | 50     | 36     | 0.951     | 0         | 1.273 | 0.036     | 0.033     | 0         | 58.9 | 60.2 | 59.3 | 165        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 5   | 2    | 0      | 36     | 0.935     | -0.016    | 1.276 | 0.03      | 0.03      | 0         | 58.5 | 59.8 | 59.8 | 164        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 5   | 2    | 10     | 36     | 0.932     | 0.013     | 1.273 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 59.3 | 164        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 5   | 2    | 20     | 36     | 0.945     | 0.013     | 1.276 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 59.8 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 2    | 30     | 36     | 0.928     | 0.01      | 1.276 | 0.036     | 0.033     | 0         | 58.5 | 59.8 | 58.9 | 164        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 5   | 2    | 40     | 36     | 0.978     | 0.043     | 1.276 | 0.036     | 0.033     | 0         | 58.9 | 59.8 | 59.3 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 5   | 2    | 50     | 36     | 0.971     | -0.013    | 1.276 | 0.026     | 0.023     | 0         | 58.9 | 59.8 | 59.8 | 164        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 3    | 0      | 36     | 0.968     | -0.02     | 1.28  | 0.03      | 0.03      | 0         | 59.3 | 60.2 | 58   | 166        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 5   | 3    | 10     | 36     | 0.922     | 0         | 1.28  | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 58.5 | 165        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 3    | 20     | 36     | 0.922     | -0.043    | 1.283 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 58.9 | 165        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 3    | 30     | 36     | 0.948     | -0.036    | 1.283 | 0.039     | 0.036     | 0         | 59.3 | 60.6 | 58.5 | 166        | 168        | 0          | 28     | 27     |
| 2009 | 6     | 5   | 3    | 40     | 36     | 0.945     | -0.03     | 1.283 | 0.03      | 0.03      | 0         | 59.3 | 60.6 | 58.5 | 166        | 168        | 0          | 28     | 27     |
| 2009 | 6     | 5   | 3    | 50     | 36     | 0.945     | -0.033    | 1.286 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 58.5 | 166        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 5   | 4    | 0      | 36     | 0.994     | 0.052     | 1.289 | 0.036     | 0.033     | 0         | 59.3 | 59.8 | 58.5 | 166        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 5   | 4    | 10     | 36     | 0.984     | -0.036    | 1.289 | 0.03      | 0.03      | 0         | 59.3 | 60.2 | 58.9 | 166        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 5   | 4    | 20     | 36     | 0.932     | 0         | 1.289 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 58.5 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 5   | 4    | 30     | 36     | 0.978     | -0.052    | 1.289 | 0.036     | 0.033     | 0         | 58.9 | 59.8 | 59.3 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 5   | 4    | 40     | 36     | 0.906     | -0.062    | 1.293 | 0.033     | 0.033     | 0         | 59.3 | 60.2 | 58.9 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 4    | 50     | 36     | 0.981     | -0.033    | 1.293 | 0.026     | 0.023     | 0         | 59.3 | 60.2 | 59.8 | 166        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 5   | 5    | 0      | 36     | 0.948     | -0.046    | 1.293 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 59.8 | 165        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 5   | 5    | 10     | 36     | 0.997     | 0.013     | 1.293 | 0.033     | 0.03      | 0         | 58.9 | 60.6 | 59.8 | 165        | 168        | 0          | 28     | 27     |
| 2009 | 6     | 5   | 5    | 20     | 36     | 0.938     | 0         | 1.296 | 0.03      | 0.03      | 0         | 58.9 | 60.2 | 60.2 | 165        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 5   | 5    | 30     | 36     | 0.843     | -0.016    | 1.296 | 0.033     | 0.03      | 0         | 59.8 | 59.8 | 60.6 | 166        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 5    | 40     | 36     | 0.846     | 0.023     | 1.296 | 0.033     | 0.03      | 0         | 59.8 | 60.2 | 60.6 | 166        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 5    | 50     | 36     | 0.994     | -0.02     | 1.296 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 60.6 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 5   | 6    | 0      | 36     | 0.925     | -0.046    | 1.296 | 0.033     | 0.03      | 0         | 58.5 | 59.3 | 59.8 | 164        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 5   | 6    | 10     | 36     | 0.928     | -0.072    | 1.299 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 61.9 | 165        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 6    | 20     | 36     | 0.919     | -0.003    | 1.299 | 0.03      | 0.026     | 0         | 58.9 | 59.3 | 59.3 | 165        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 5   | 6    | 30     | 36     | 0.948     | -0.059    | 1.299 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 60.2 | 165        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 5   | 6    | 40     | 36     | 0.965     | -0.013    | 1.299 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 61.1 | 166        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 5   | 6    | 50     | 36     | 1.01      | 0.026     | 1.299 | 0.039     | 0.036     | 0         | 58.9 | 59.3 | 60.6 | 164        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 7    | 0      | 36     | 0.925     | -0.003    | 1.299 | 0.036     | 0.033     | 0         | 58.5 | 59.3 | 61.9 | 164        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 5   | 7    | 10     | 36     | 0.978     | -0.066    | 1.299 | 0.033     | 0.03      | 0         | 58.9 | 59.3 | 61.9 | 165        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 5   | 7    | 20     | 36     | 0.965     | -0.026    | 1.302 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 62.4 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 5   | 7    | 30     | 36     | 0.968     | -0.043    | 1.299 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 61.9 | 164        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 5   | 7    | 40     | 36     | 0.951     | -0.03     | 1.302 | 0.033     | 0.03      | 0         | 58.9 | 59.3 | 61.9 | 164        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 7    | 50     | 36     | 0.984     | 0.02      | 1.299 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 57.6 | 164        | 166        | 0          | 28     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 5   | 8    | 0      | 36     | 0.971     | 0         | 1.299 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 56.8 | 165        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 5   | 8    | 10     | 36     | 0.997     | 0.023     | 1.299 | 0.033     | 0.03      | 0         | 58.5 | 59.3 | 54.2 | 164        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 5   | 8    | 20     | 36     | 0.988     | -0.013    | 1.302 | 0.033     | 0.03      | 0         | 58.9 | 59.3 | 57.6 | 164        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 8    | 30     | 36     | 0.951     | -0.026    | 1.302 | 0.033     | 0.03      | 0         | 58.9 | 59.3 | 59.8 | 164        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 8    | 40     | 36     | 0.968     | -0.056    | 1.302 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 58   | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 8    | 50     | 36     | 0.945     | -0.039    | 1.302 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 61.9 | 164        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 5   | 9    | 0      | 36     | 0.961     | 0.026     | 1.302 | 0.03      | 0.03      | 0         | 58.5 | 59.8 | 60.6 | 164        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 5   | 9    | 10     | 36     | 0.968     | 0.026     | 1.302 | 0.03      | 0.03      | 0         | 58.5 | 59.3 | 61.5 | 164        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 5   | 9    | 20     | 36     | 0.928     | 0.01      | 1.302 | 0.03      | 0.026     | 0         | 59.3 | 59.3 | 63.2 | 165        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 9    | 30     | 36     | 0.883     | -0.033    | 1.302 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 62.4 | 164        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 5   | 9    | 40     | 36     | 0.922     | 0.02      | 1.306 | 0.039     | 0.036     | 0         | 58.5 | 59.3 | 63.2 | 164        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 5   | 9    | 50     | 36     | 0.906     | -0.003    | 1.306 | 0.033     | 0.033     | 0         | 58.9 | 59.8 | 59.3 | 165        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 5   | 10   | 0      | 36     | 0.942     | -0.043    | 1.306 | 0.033     | 0.03      | 0         | 59.8 | 59.8 | 61.9 | 166        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 10   | 10     | 36     | 0.909     | -0.023    | 1.306 | 0.033     | 0.03      | 0         | 59.3 | 59.3 | 59.8 | 165        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 10   | 20     | 36     | 0.932     | -0.013    | 1.306 | 0.033     | 0.03      | 0         | 58.9 | 59.3 | 58.9 | 165        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 5   | 10   | 30     | 36     | 0.951     | 0.016     | 1.306 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 61.5 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 10   | 40     | 36     | 0.922     | -0.013    | 1.306 | 0.036     | 0.033     | 0         | 59.8 | 60.6 | 60.6 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 10   | 50     | 36     | 0.879     | -0.02     | 1.306 | 0.03      | 0.026     | 0         | 59.8 | 60.2 | 61.5 | 166        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 11   | 0      | 36     | 0.922     | -0.03     | 1.306 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 62.8 | 166        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 5   | 11   | 10     | 36     | 0.971     | 0.007     | 1.306 | 0.033     | 0.03      | 0         | 59.8 | 60.2 | 59.3 | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 11   | 20     | 36     | 0.951     | -0.052    | 1.306 | 0.03      | 0.03      | 0         | 59.8 | 60.6 | 56.8 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 11   | 30     | 36     | 0.948     | 0.016     | 1.309 | 0.033     | 0.03      | 0         | 60.2 | 60.6 | 61.1 | 167        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 11   | 40     | 36     | 0.965     | 0.01      | 1.309 | 0.03      | 0.03      | 0         | 59.8 | 60.6 | 60.6 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 11   | 50     | 36     | 0.961     | 0.03      | 1.309 | 0.039     | 0.036     | 0         | 59.8 | 60.6 | 60.6 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 12   | 0      | 36     | 0.955     | -0.039    | 1.306 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 56.8 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 12   | 10     | 36     | 0.899     | -0.01     | 1.306 | 0.033     | 0.03      | 0         | 60.6 | 61.1 | 54.6 | 168        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 12   | 20     | 36     | 1.004     | 0         | 1.309 | 0.039     | 0.036     | 0         | 60.2 | 61.1 | 58.9 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 12   | 30     | 36     | 1.024     | 0.02      | 1.309 | 0.03      | 0.03      | 0         | 60.2 | 61.1 | 61.1 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 12   | 40     | 36     | 0.948     | 0.013     | 1.309 | 0.03      | 0.03      | 0         | 60.2 | 60.6 | 59.8 | 167        | 169        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 12   | 50     | 36     | 0.978     | -0.023    | 1.309 | 0.03      | 0.03      | 0         | 60.2 | 61.1 | 56.8 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 13   | 0      | 36     | 0.886     | -0.043    | 1.309 | 0.033     | 0.03      | 0         | 60.6 | 61.1 | 58.9 | 168        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 13   | 10     | 36     | 0.942     | -0.013    | 1.309 | 0.026     | 0.023     | 0         | 61.1 | 61.5 | 59.3 | 169        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 13   | 20     | 36     | 0.925     | -0.016    | 1.309 | 0.033     | 0.03      | 0         | 60.6 | 60.6 | 58.5 | 168        | 169        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 13   | 30     | 36     | 0.896     | 0.01      | 1.309 | 0.03      | 0.026     | 0         | 60.6 | 61.9 | 52.5 | 168        | 170        | 0          | 27     | 26     |
| 2009 | 6     | 5   | 13   | 40     | 36     | 0.981     | 0.03      | 1.309 | 0.039     | 0.036     | 0         | 61.1 | 61.9 | 58.9 | 169        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 13   | 50     | 36     | 0.922     | 0.007     | 1.309 | 0.039     | 0.036     | 0         | 60.6 | 61.5 | 57.6 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 14   | 0      | 36     | 0.925     | 0.016     | 1.309 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 58.9 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 14   | 10     | 36     | 0.928     | 0.013     | 1.306 | 0.03      | 0.03      | 0         | 60.6 | 61.5 | 50.3 | 168        | 171        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 14   | 20     | 36     | 0.883     | -0.023    | 1.309 | 0.03      | 0.026     | 0         | 61.1 | 61.9 | 58   | 169        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 14   | 30     | 36     | 0.955     | -0.007    | 1.306 | 0.039     | 0.036     | 0         | 61.5 | 61.9 | 50.7 | 169        | 171        | 0          | 26     | 27     |
| 2009 | 6     | 5   | 14   | 40     | 36     | 0.951     | 0.02      | 1.306 | 0.033     | 0.03      | 0         | 60.6 | 61.9 | 49.5 | 168        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 14   | 50     | 36     | 0.938     | 0         | 1.306 | 0.039     | 0.036     | 0         | 61.1 | 61.9 | 50.7 | 169        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 15   | 0      | 36     | 0.928     | -0.013    | 1.306 | 0.03      | 0.026     | 0         | 61.1 | 61.5 | 48.2 | 169        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 15   | 10     | 36     | 0.955     | 0.01      | 1.306 | 0.033     | 0.03      | 0         | 61.1 | 61.9 | 51.6 | 169        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 15   | 20     | 36     | 0.945     | 0.013     | 1.302 | 0.039     | 0.036     | 0         | 60.6 | 61.5 | 56.8 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 15   | 30     | 36     | 0.978     | 0.003     | 1.302 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 56.3 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 15   | 40     | 36     | 0.889     | 0.043     | 1.306 | 0.033     | 0.03      | 0         | 61.5 | 61.5 | 56.8 | 169        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 5   | 15   | 50     | 36     | 0.955     | 0.02      | 1.302 | 0.033     | 0.03      | 0         | 60.6 | 61.9 | 55   | 168        | 170        | 0          | 27     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 5   | 16   | 0      | 36     | 0.988     | -0.036    | 1.302 | 0.033     | 0.03      | 0         | 61.1 | 61.1 | 52   | 168        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 5   | 16   | 10     | 36     | 0.922     | 0.039     | 1.302 | 0.033     | 0.03      | 0         | 61.1 | 61.9 | 50.3 | 168        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 5   | 16   | 20     | 36     | 0.889     | -0.036    | 1.299 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 48.2 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 16   | 30     | 36     | 0.925     | 0.023     | 1.302 | 0.03      | 0.026     | 0         | 60.6 | 61.5 | 50.3 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 16   | 40     | 36     | 0.846     | -0.059    | 1.299 | 0.033     | 0.033     | 0         | 61.1 | 61.9 | 45.6 | 169        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 16   | 50     | 36     | 0.968     | 0.039     | 1.299 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 47.3 | 169        | 170        | 0          | 28     | 27     |
| 2009 | 6     | 5   | 17   | 0      | 36     | 1.02      | -0.043    | 1.296 | 0.033     | 0.03      | 0         | 61.1 | 61.5 | 46   | 168        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 5   | 17   | 10     | 36     | 0.906     | -0.003    | 1.296 | 0.033     | 0.03      | 0         | 61.1 | 61.9 | 46.9 | 169        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 17   | 20     | 36     | 0.948     | -0.016    | 1.296 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 48.6 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 17   | 30     | 36     | 0.925     | 0.033     | 1.296 | 0.036     | 0.033     | 0         | 60.6 | 61.5 | 47.3 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 17   | 40     | 36     | 0.991     | -0.007    | 1.293 | 0.03      | 0.03      | 0         | 60.6 | 61.5 | 44.7 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 17   | 50     | 36     | 0.961     | 0.082     | 1.296 | 0.033     | 0.03      | 0         | 61.1 | 61.5 | 53.8 | 168        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 5   | 18   | 0      | 36     | 1.001     | 0         | 1.293 | 0.033     | 0.03      | 0         | 60.6 | 61.9 | 47.7 | 168        | 170        | 0          | 27     | 26     |
| 2009 | 6     | 5   | 18   | 10     | 36     | 0.922     | 0.036     | 1.296 | 0.039     | 0.036     | 0         | 60.2 | 61.5 | 51.6 | 168        | 170        | 0          | 28     | 27     |
| 2009 | 6     | 5   | 18   | 20     | 36     | 0.938     | -0.049    | 1.299 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 56.3 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 18   | 30     | 36     | 0.961     | -0.007    | 1.299 | 0.036     | 0.033     | 0         | 60.2 | 60.6 | 56.8 | 167        | 169        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 18   | 40     | 36     | 0.951     | 0.016     | 1.299 | 0.033     | 0.03      | 0         | 60.2 | 61.5 | 55.5 | 167        | 169        | 0          | 27     | 26     |
| 2009 | 6     | 5   | 18   | 50     | 36     | 0.899     | 0.003     | 1.299 | 0.03      | 0.03      | 0         | 60.2 | 61.1 | 54.2 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 19   | 0      | 36     | 0.942     | 0.043     | 1.299 | 0.033     | 0.03      | 0         | 60.2 | 60.6 | 56.8 | 167        | 169        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 19   | 10     | 36     | 0.909     | 0         | 1.299 | 0.039     | 0.039     | 0         | 60.2 | 61.1 | 54.2 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 19   | 20     | 36     | 0.932     | -0.01     | 1.302 | 0.03      | 0.03      | 0         | 60.2 | 61.1 | 57.6 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 19   | 30     | 36     | 0.948     | -0.075    | 1.302 | 0.03      | 0.026     | 0         | 60.2 | 60.6 | 59.3 | 167        | 169        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 19   | 40     | 36     | 0.961     | 0.02      | 1.302 | 0.039     | 0.036     | 0         | 60.2 | 61.1 | 60.2 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 19   | 50     | 36     | 0.988     | 0.01      | 1.302 | 0.03      | 0.026     | 0         | 60.2 | 60.6 | 58.9 | 167        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 20   | 0      | 36     | 0.945     | 0         | 1.302 | 0.033     | 0.03      | 0         | 60.2 | 60.6 | 60.6 | 167        | 169        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 20   | 10     | 36     | 0.909     | -0.052    | 1.302 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 60.2 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 20   | 20     | 36     | 0.912     | -0.007    | 1.302 | 0.036     | 0.033     | 0         | 59.8 | 61.1 | 61.1 | 167        | 169        | 0          | 28     | 27     |
| 2009 | 6     | 5   | 20   | 30     | 36     | 0.915     | -0.039    | 1.306 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 61.5 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 20   | 40     | 36     | 0.951     | -0.026    | 1.306 | 0.039     | 0.036     | 0         | 59.8 | 60.2 | 61.5 | 166        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 20   | 50     | 36     | 0.997     | 0         | 1.306 | 0.033     | 0.03      | 0         | 60.2 | 60.6 | 61.5 | 167        | 169        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 21   | 0      | 36     | 1.001     | -0.056    | 1.306 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 61.9 | 167        | 169        | 0          | 28     | 28     |
| 2009 | 6     | 5   | 21   | 10     | 36     | 0.925     | -0.013    | 1.306 | 0.033     | 0.03      | 0         | 59.8 | 60.2 | 59.8 | 166        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 21   | 20     | 36     | 0.951     | 0.033     | 1.306 | 0.03      | 0.026     | 0         | 60.2 | 60.6 | 57.6 | 167        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 21   | 30     | 36     | 1.007     | -0.016    | 1.306 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 56.8 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 21   | 40     | 36     | 0.938     | 0.013     | 1.306 | 0.03      | 0.026     | 0         | 59.8 | 60.6 | 60.6 | 167        | 169        | 0          | 28     | 28     |
| 2009 | 6     | 5   | 21   | 50     | 36     | 0.965     | -0.049    | 1.306 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 56.8 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 22   | 0      | 36     | 0.984     | -0.013    | 1.306 | 0.036     | 0.033     | 0         | 59.3 | 60.2 | 56.8 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 22   | 10     | 36     | 0.932     | 0         | 1.306 | 0.033     | 0.03      | 0         | 59.8 | 60.2 | 59.3 | 166        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 22   | 20     | 36     | 0.932     | 0.033     | 1.306 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 57.6 | 165        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 22   | 30     | 36     | 0.919     | -0.043    | 1.306 | 0.033     | 0.03      | 0         | 59.8 | 60.2 | 54.2 | 165        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 5   | 22   | 40     | 36     | 0.906     | -0.013    | 1.306 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 52.9 | 166        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 5   | 22   | 50     | 36     | 0.965     | -0.026    | 1.309 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 46.9 | 165        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 23   | 0      | 36     | 0.938     | -0.01     | 1.306 | 0.039     | 0.036     | 0         | 59.3 | 59.8 | 42.1 | 165        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 23   | 10     | 36     | 0.965     | -0.003    | 1.309 | 0.03      | 0.03      | 0         | 59.3 | 60.6 | 48.6 | 166        | 168        | 0          | 28     | 27     |
| 2009 | 6     | 5   | 23   | 20     | 36     | 0.896     | 0.003     | 1.309 | 0.036     | 0.033     | 0         | 59.3 | 59.8 | 42.1 | 165        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 23   | 30     | 36     | 0.922     | 0         | 1.309 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 40.4 | 165        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 5   | 23   | 40     | 36     | 0.948     | 0.03      | 1.309 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 49   | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 5   | 23   | 50     | 36     | 0.948     | -0.026    | 1.309 | 0.033     | 0.03      | 0         | 59.8 | 60.2 | 53.3 | 166        | 168        | 0          | 27     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 6   | 0    | 0      | 36     | 0.948     | -0.043    | 1.309 | 0.03      | 0.03      | 0         | 59.8 | 60.2 | 56.3 | 166        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 0    | 10     | 36     | 1.024     | -0.013    | 1.309 | 0.033     | 0.03      | 0         | 59.8 | 60.2 | 55.5 | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 0    | 20     | 36     | 0.932     | -0.01     | 1.312 | 0.036     | 0.033     | 0         | 59.3 | 61.1 | 56.3 | 166        | 169        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 0    | 30     | 36     | 0.991     | -0.026    | 1.312 | 0.03      | 0.03      | 0         | 59.8 | 60.2 | 57.6 | 166        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 0    | 40     | 36     | 0.925     | -0.013    | 1.312 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 57.6 | 166        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 6   | 0    | 50     | 36     | 0.984     | -0.072    | 1.312 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 58.5 | 167        | 169        | 0          | 28     | 28     |
| 2009 | 6     | 6   | 1    | 0      | 36     | 1.007     | 0         | 1.316 | 0.036     | 0.033     | 0         | 59.8 | 60.6 | 59.3 | 166        | 169        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 1    | 10     | 36     | 0.974     | -0.056    | 1.316 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 54.6 | 166        | 168        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 1    | 20     | 36     | 0.978     | 0.016     | 1.316 | 0.033     | 0.03      | 0         | 60.2 | 61.5 | 52.9 | 167        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 1    | 30     | 36     | 0.997     | -0.003    | 1.319 | 0.03      | 0.03      | 0         | 59.3 | 61.1 | 47.7 | 166        | 169        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 1    | 40     | 36     | 0.899     | -0.056    | 1.319 | 0.036     | 0.033     | 0         | 59.3 | 60.6 | 57.2 | 166        | 168        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 1    | 50     | 36     | 0.945     | -0.082    | 1.322 | 0.03      | 0.03      | 0         | 59.3 | 60.6 | 48.6 | 166        | 169        | 0          | 28     | 28     |
| 2009 | 6     | 6   | 2    | 0      | 36     | 0.994     | 0.033     | 1.322 | 0.036     | 0.033     | 0         | 59.8 | 59.8 | 48.2 | 166        | 168        | 0          | 27     | 29     |
| 2009 | 6     | 6   | 2    | 10     | 36     | 0.971     | -0.003    | 1.325 | 0.026     | 0.023     | 0         | 59.3 | 60.2 | 53.8 | 166        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 2    | 20     | 36     | 0.965     | -0.072    | 1.329 | 0.03      | 0.026     | 0         | 58.9 | 60.2 | 55.9 | 165        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 6   | 2    | 30     | 36     | 0.978     | 0         | 1.332 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 54.6 | 165        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 2    | 40     | 36     | 1.007     | -0.026    | 1.332 | 0.03      | 0.03      | 0         | 58.9 | 60.2 | 55   | 165        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 2    | 50     | 36     | 0.965     | -0.026    | 1.335 | 0.03      | 0.03      | 0         | 58.9 | 60.2 | 55   | 165        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 3    | 0      | 36     | 0.991     | -0.01     | 1.335 | 0.03      | 0.03      | 0         | 59.3 | 59.8 | 54.2 | 165        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 3    | 10     | 36     | 0.974     | 0.013     | 1.335 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 53.3 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 6   | 3    | 20     | 36     | 0.915     | -0.036    | 1.339 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 54.2 | 165        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 3    | 30     | 36     | 0.968     | 0.01      | 1.339 | 0.039     | 0.036     | 0         | 58.5 | 59.8 | 54.6 | 164        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 6   | 3    | 40     | 36     | 1.01      | -0.01     | 1.339 | 0.033     | 0.03      | 0         | 58.9 | 59.3 | 55.9 | 164        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 3    | 50     | 36     | 0.965     | -0.01     | 1.339 | 0.03      | 0.03      | 0         | 58.5 | 59.8 | 56.8 | 164        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 4    | 0      | 36     | 0.951     | 0.066     | 1.339 | 0.03      | 0.03      | 0         | 59.3 | 59.8 | 56.8 | 165        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 4    | 10     | 36     | 0.938     | 0.059     | 1.342 | 0.036     | 0.033     | 0         | 58.5 | 59.8 | 56.8 | 164        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 6   | 4    | 20     | 36     | 0.978     | -0.023    | 1.342 | 0.023     | 0.023     | 0         | 58.9 | 59.8 | 56.8 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 6   | 4    | 30     | 36     | 0.991     | 0.013     | 1.342 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 57.6 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 6   | 4    | 40     | 36     | 0.997     | -0.003    | 1.342 | 0.023     | 0.023     | 0         | 59.3 | 59.8 | 57.6 | 165        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 4    | 50     | 36     | 0.968     | 0.039     | 1.342 | 0.026     | 0.023     | 0         | 58.5 | 59.3 | 60.2 | 164        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 6   | 5    | 0      | 36     | 0.991     | 0.003     | 1.342 | 0.033     | 0.03      | 0         | 58   | 59.8 | 59.8 | 163        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 5    | 10     | 36     | 0.938     | 0.01      | 1.345 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 58.5 | 164        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 6   | 5    | 20     | 36     | 0.948     | -0.026    | 1.345 | 0.026     | 0.023     | 0         | 58.5 | 59.3 | 57.2 | 164        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 6   | 5    | 30     | 36     | 0.945     | -0.013    | 1.345 | 0.026     | 0.023     | 0         | 58.9 | 59.3 | 58.9 | 164        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 5    | 40     | 36     | 1.05      | -0.013    | 1.345 | 0.03      | 0.03      | 0         | 58   | 59.8 | 60.2 | 163        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 5    | 50     | 36     | 0.948     | -0.03     | 1.345 | 0.033     | 0.03      | 0         | 58   | 59.3 | 61.9 | 163        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 6   | 6    | 0      | 36     | 0.909     | 0.013     | 1.345 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 53.8 | 164        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 6    | 10     | 36     | 0.919     | 0         | 1.345 | 0.03      | 0.026     | 0         | 58.9 | 58.9 | 60.6 | 164        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 6    | 20     | 36     | 0.997     | -0.059    | 1.348 | 0.03      | 0.026     | 0         | 58   | 59.3 | 59.3 | 163        | 165        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 6    | 30     | 36     | 0.932     | 0.026     | 1.348 | 0.033     | 0.03      | 0         | 58.5 | 59.3 | 56.8 | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 6    | 40     | 36     | 0.922     | 0         | 1.348 | 0.03      | 0.03      | 0         | 58   | 59.3 | 56.3 | 163        | 165        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 6    | 50     | 36     | 0.965     | 0.026     | 1.348 | 0.03      | 0.026     | 0         | 58   | 59.3 | 56.3 | 163        | 165        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 7    | 0      | 36     | 0.922     | 0.01      | 1.348 | 0.03      | 0.03      | 0         | 58.5 | 59.3 | 52.9 | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 7    | 10     | 36     | 0.909     | -0.059    | 1.352 | 0.026     | 0.023     | 0         | 58.5 | 59.3 | 53.8 | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 7    | 20     | 36     | 0.981     | 0.01      | 1.355 | 0.03      | 0.026     | 0         | 58   | 59.3 | 51.2 | 163        | 165        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 7    | 30     | 36     | 1.01      | -0.026    | 1.352 | 0.033     | 0.03      | 0         | 58   | 58.9 | 42.1 | 163        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 6   | 7    | 40     | 36     | 0.948     | 0.003     | 1.355 | 0.033     | 0.03      | 0         | 58   | 58.5 | 44.7 | 162        | 164        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 7    | 50     | 36     | 1.024     | -0.033    | 1.355 | 0.03      | 0.026     | 0         | 58   | 58.9 | 45.2 | 162        | 164        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 6   | 8    | 0      | 36     | 0.958     | 0.036     | 1.362 | 0.03      | 0.03      | 0         | 58   | 58.9 | 40.4 | 162        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 8    | 10     | 36     | 1.01      | 0.023     | 1.355 | 0.03      | 0.03      | 0         | 58   | 58.9 | 40.4 | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 8    | 20     | 36     | 1.01      | 0         | 1.358 | 0.033     | 0.03      | 0         | 57.6 | 58.5 | 45.6 | 162        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 6   | 8    | 30     | 36     | 0.988     | 0.056     | 1.362 | 0.033     | 0.03      | 0         | 58   | 58.9 | 46.4 | 163        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 6   | 8    | 40     | 36     | 0.951     | -0.046    | 1.362 | 0.033     | 0.03      | 0         | 58   | 59.3 | 53.8 | 163        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 6   | 8    | 50     | 36     | 1.01      | -0.033    | 1.368 | 0.026     | 0.023     | 0         | 58.5 | 58.9 | 57.6 | 163        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 9    | 0      | 36     | 1.01      | 0.023     | 1.368 | 0.033     | 0.03      | 0         | 57.6 | 58.9 | 58.5 | 162        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 6   | 9    | 10     | 36     | 1.04      | 0.03      | 1.368 | 0.033     | 0.03      | 0         | 58   | 58.9 | 55.9 | 163        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 6   | 9    | 20     | 36     | 0.942     | -0.03     | 1.371 | 0.03      | 0.026     | 0         | 58   | 59.3 | 56.3 | 163        | 165        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 9    | 30     | 36     | 0.938     | -0.02     | 1.371 | 0.03      | 0.026     | 0         | 58   | 58.9 | 56.8 | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 9    | 40     | 36     | 0.928     | -0.056    | 1.371 | 0.03      | 0.026     | 0         | 58   | 58.5 | 58   | 162        | 164        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 9    | 50     | 36     | 0.971     | 0.013     | 1.371 | 0.026     | 0.023     | 0         | 58   | 58.5 | 57.6 | 162        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 10   | 0      | 36     | 0.955     | 0.016     | 1.375 | 0.03      | 0.03      | 0         | 57.6 | 59.3 | 57.2 | 162        | 165        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 10   | 10     | 36     | 0.945     | -0.023    | 1.375 | 0.026     | 0.023     | 0         | 58   | 59.3 | 55.9 | 162        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 10   | 20     | 36     | 0.955     | -0.023    | 1.371 | 0.03      | 0.026     | 0         | 57.2 | 58.5 | 56.3 | 161        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 6   | 10   | 30     | 36     | 0.928     | -0.03     | 1.375 | 0.026     | 0.023     | 0         | 57.2 | 58.5 | 54.6 | 162        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 6   | 10   | 40     | 36     | 0.981     | 0.02      | 1.375 | 0.03      | 0.03      | 0         | 57.6 | 58.5 | 54.2 | 162        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 6   | 10   | 50     | 36     | 1.04      | 0.046     | 1.378 | 0.03      | 0.026     | 0         | 58   | 58.9 | 57.2 | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 11   | 0      | 36     | 0.984     | 0         | 1.375 | 0.033     | 0.03      | 0         | 57.2 | 58.5 | 56.3 | 161        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 6   | 11   | 10     | 36     | 0.945     | -0.043    | 1.375 | 0.026     | 0.023     | 0         | 58   | 58.5 | 56.3 | 162        | 164        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 11   | 20     | 36     | 1.001     | -0.075    | 1.378 | 0.03      | 0.03      | 0         | 58   | 58.9 | 53.3 | 162        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 11   | 30     | 36     | 0.945     | -0.043    | 1.371 | 0.03      | 0.026     | 0         | 58   | 58.9 | 43.9 | 163        | 164        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 11   | 40     | 36     | 0.938     | -0.01     | 1.375 | 0.03      | 0.026     | 0         | 58.5 | 58.9 | 48.6 | 163        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 11   | 50     | 36     | 0.981     | -0.01     | 1.378 | 0.03      | 0.03      | 0         | 58   | 59.3 | 52.5 | 163        | 165        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 12   | 0      | 36     | 1.04      | -0.056    | 1.378 | 0.023     | 0.023     | 0         | 58.5 | 59.3 | 61.5 | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 12   | 10     | 36     | 0.974     | -0.056    | 1.381 | 0.033     | 0.03      | 0         | 58   | 58.9 | 60.2 | 163        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 6   | 12   | 20     | 36     | 1.024     | -0.049    | 1.378 | 0.026     | 0.023     | 0         | 58.9 | 59.3 | 57.2 | 164        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 12   | 30     | 36     | 0.978     | 0.013     | 1.381 | 0.033     | 0.03      | 0         | 58   | 59.3 | 61.1 | 163        | 165        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 12   | 40     | 36     | 1.01      | 0.013     | 1.381 | 0.033     | 0.03      | 0         | 58.5 | 59.3 | 61.1 | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 12   | 50     | 36     | 0.978     | -0.085    | 1.381 | 0.03      | 0.026     | 0         | 58   | 58.9 | 60.6 | 163        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 6   | 13   | 0      | 36     | 0.899     | 0.043     | 1.381 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 59.8 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 13   | 10     | 36     | 0.935     | 0         | 1.381 | 0.03      | 0.03      | 0         | 58.5 | 59.8 | 59.8 | 164        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 13   | 20     | 36     | 0.981     | 0.003     | 1.381 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 58.9 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 13   | 30     | 36     | 0.948     | -0.046    | 1.381 | 0.026     | 0.023     | 0         | 58.9 | 59.8 | 58   | 164        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 13   | 40     | 36     | 1.01      | 0         | 1.381 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 61.1 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 13   | 50     | 36     | 0.922     | 0.052     | 1.381 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 58   | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 14   | 0      | 36     | 1.053     | -0.03     | 1.381 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 59.3 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 14   | 10     | 36     | 1.001     | 0.016     | 1.381 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 60.6 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 14   | 20     | 36     | 0.958     | 0         | 1.381 | 0.036     | 0.033     | 0         | 59.3 | 60.2 | 59.3 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 14   | 30     | 36     | 1.004     | 0.026     | 1.381 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 59.3 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 14   | 40     | 36     | 0.991     | 0         | 1.381 | 0.03      | 0.03      | 0         | 58.9 | 60.2 | 59.8 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 14   | 50     | 36     | 0.945     | 0.03      | 1.381 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 59.8 | 165        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 6   | 15   | 0      | 36     | 0.994     | 0.059     | 1.381 | 0.026     | 0.023     | 0         | 59.3 | 60.6 | 57.2 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 15   | 10     | 36     | 0.935     | -0.046    | 1.375 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 55   | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 6   | 15   | 20     | 36     | 0.991     | -0.023    | 1.378 | 0.026     | 0.023     | 0         | 59.3 | 60.6 | 53.8 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 15   | 30     | 36     | 0.988     | 0         | 1.378 | 0.033     | 0.03      | 0         | 59.8 | 60.2 | 54.6 | 166        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 15   | 40     | 36     | 0.919     | -0.003    | 1.378 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 55.9 | 165        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 15   | 50     | 36     | 0.965     | 0.046     | 1.375 | 0.03      | 0.03      | 0         | 59.8 | 60.2 | 55.9 | 165        | 168        | 0          | 26     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 6   | 16   | 0      | 36     | 0.899     | 0.01      | 1.375 | 0.026     | 0.023     | 0         | 59.3 | 60.6 | 54.6 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 16   | 10     | 36     | 0.991     | -0.003    | 1.378 | 0.03      | 0.03      | 0         | 59.8 | 61.1 | 55.5 | 166        | 168        | 0          | 27     | 26     |
| 2009 | 6     | 6   | 16   | 20     | 36     | 0.991     | 0         | 1.378 | 0.033     | 0.03      | 0         | 59.3 | 61.1 | 57.2 | 165        | 168        | 0          | 27     | 26     |
| 2009 | 6     | 6   | 16   | 30     | 36     | 0.928     | 0.039     | 1.375 | 0.033     | 0.033     | 0         | 59.3 | 60.2 | 57.6 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 16   | 40     | 36     | 0.991     | 0.046     | 1.375 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 55.5 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 16   | 50     | 36     | 0.974     | -0.043    | 1.375 | 0.03      | 0.026     | 0         | 59.3 | 60.6 | 57.2 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 17   | 0      | 36     | 1.01      | 0.056     | 1.378 | 0.033     | 0.03      | 0         | 58.5 | 60.2 | 57.2 | 164        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 17   | 10     | 36     | 1.004     | -0.03     | 1.378 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 56.8 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 17   | 20     | 36     | 0.935     | 0         | 1.375 | 0.026     | 0.023     | 0         | 59.3 | 60.6 | 54.6 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 17   | 30     | 36     | 1.017     | 0.03      | 1.375 | 0.03      | 0.026     | 0         | 58.9 | 60.2 | 55   | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 17   | 40     | 36     | 0.951     | 0.003     | 1.375 | 0.033     | 0.033     | 0         | 59.3 | 60.2 | 55.5 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 17   | 50     | 36     | 0.971     | -0.016    | 1.371 | 0.026     | 0.023     | 0         | 58.9 | 60.6 | 51.6 | 165        | 168        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 18   | 0      | 36     | 0.951     | 0.02      | 1.371 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 58.5 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 18   | 10     | 36     | 0.925     | 0.043     | 1.375 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 57.6 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 18   | 20     | 36     | 0.879     | 0.013     | 1.371 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 56.8 | 165        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 6   | 18   | 30     | 36     | 1.007     | 0.026     | 1.371 | 0.026     | 0.023     | 0         | 58.9 | 60.6 | 58.9 | 165        | 168        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 18   | 40     | 36     | 0.955     | 0.013     | 1.371 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 58.9 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 18   | 50     | 36     | 0.942     | 0         | 1.368 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 53.3 | 165        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 19   | 0      | 36     | 1.001     | 0.056     | 1.371 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 58.5 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 19   | 10     | 36     | 0.965     | 0.033     | 1.371 | 0.03      | 0.026     | 0         | 59.8 | 60.6 | 58.5 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 19   | 20     | 36     | 0.955     | -0.016    | 1.371 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 58.9 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 19   | 30     | 36     | 1.043     | 0.003     | 1.368 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 58.9 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 6   | 19   | 40     | 36     | 0.902     | -0.03     | 1.368 | 0.03      | 0.03      | 0         | 58.9 | 60.2 | 59.3 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 19   | 50     | 36     | 0.955     | -0.003    | 1.365 | 0.026     | 0.023     | 0         | 59.3 | 60.2 | 52   | 165        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 20   | 0      | 36     | 1.01      | -0.003    | 1.362 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 52.5 | 165        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 20   | 10     | 36     | 0.912     | 0.039     | 1.362 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 53.8 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 20   | 20     | 36     | 0.981     | 0.03      | 1.362 | 0.03      | 0.026     | 0         | 58.9 | 60.2 | 57.6 | 165        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 20   | 30     | 36     | 0.965     | 0.016     | 1.362 | 0.026     | 0.023     | 0         | 59.3 | 60.6 | 58.5 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 20   | 40     | 36     | 1.017     | -0.039    | 1.362 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 58.5 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 20   | 50     | 36     | 0.968     | 0.01      | 1.362 | 0.03      | 0.03      | 0         | 59.8 | 61.1 | 59.3 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 21   | 0      | 36     | 0.909     | -0.003    | 1.358 | 0.033     | 0.03      | 0         | 58.5 | 60.2 | 60.2 | 164        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 21   | 10     | 36     | 0.978     | -0.043    | 1.358 | 0.03      | 0.03      | 0         | 58.9 | 59.8 | 59.8 | 164        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 21   | 20     | 36     | 0.997     | 0.016     | 1.358 | 0.026     | 0.023     | 0         | 59.3 | 60.2 | 60.2 | 165        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 21   | 30     | 36     | 0.951     | 0.007     | 1.355 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 59.3 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 6   | 21   | 40     | 36     | 0.951     | 0.049     | 1.355 | 0.03      | 0.03      | 0         | 58.5 | 59.3 | 60.6 | 164        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 6   | 21   | 50     | 36     | 0.981     | -0.043    | 1.355 | 0.026     | 0.023     | 0         | 59.3 | 60.6 | 60.6 | 166        | 168        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 22   | 0      | 36     | 0.981     | -0.036    | 1.355 | 0.03      | 0.026     | 0         | 59.3 | 59.8 | 60.6 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 22   | 10     | 36     | 0.922     | -0.03     | 1.352 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 61.1 | 164        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 6   | 22   | 20     | 36     | 0.932     | -0.023    | 1.355 | 0.026     | 0.023     | 0         | 58.5 | 59.8 | 60.6 | 164        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 22   | 30     | 36     | 0.965     | 0.036     | 1.352 | 0.026     | 0.023     | 0         | 59.3 | 59.3 | 59.8 | 164        | 166        | 0          | 26     | 28     |
| 2009 | 6     | 6   | 22   | 40     | 36     | 1.01      | -0.003    | 1.352 | 0.03      | 0.026     | 0         | 58.5 | 59.3 | 61.1 | 164        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 6   | 22   | 50     | 36     | 0.991     | -0.016    | 1.352 | 0.033     | 0.03      | 0         | 58.9 | 59.3 | 59.3 | 164        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 23   | 0      | 36     | 0.978     | 0.013     | 1.352 | 0.03      | 0.03      | 0         | 58.9 | 59.8 | 58.5 | 164        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 23   | 10     | 36     | 0.955     | -0.016    | 1.352 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 55   | 164        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 23   | 20     | 36     | 0.974     | 0.026     | 1.348 | 0.033     | 0.03      | 0         | 58.5 | 59.3 | 52.9 | 164        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 6   | 23   | 30     | 36     | 0.961     | 0.013     | 1.348 | 0.03      | 0.03      | 0         | 58.9 | 59.3 | 57.6 | 164        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 23   | 40     | 36     | 0.948     | -0.043    | 1.348 | 0.03      | 0.03      | 0         | 58.9 | 59.3 | 59.8 | 164        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 23   | 50     | 36     | 0.994     | 0.007     | 1.348 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 58   | 164        | 166        | 0          | 28     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 7   | 0    | 0      | 36     | 1.007     | -0.033    | 1.348 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 58.5 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 0    | 10     | 36     | 1.037     | -0.016    | 1.348 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 58   | 164        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 7   | 0    | 20     | 36     | 0.984     | -0.03     | 1.348 | 0.023     | 0.023     | 0         | 58.5 | 59.3 | 59.3 | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 0    | 30     | 36     | 0.984     | 0         | 1.348 | 0.033     | 0.03      | 0         | 58   | 59.3 | 60.6 | 163        | 165        | 0          | 28     | 27     |
| 2009 | 6     | 7   | 0    | 40     | 36     | 0.961     | -0.016    | 1.345 | 0.033     | 0.03      | 0         | 58.5 | 58.9 | 60.2 | 163        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 7   | 0    | 50     | 36     | 0.958     | 0.03      | 1.345 | 0.03      | 0.026     | 0         | 58.5 | 58.9 | 62.4 | 163        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 7   | 1    | 0      | 36     | 1.024     | -0.062    | 1.345 | 0.03      | 0.03      | 0         | 58   | 59.8 | 60.2 | 163        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 7   | 1    | 10     | 36     | 0.925     | -0.007    | 1.345 | 0.026     | 0.023     | 0         | 58.5 | 59.3 | 58   | 163        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 7   | 1    | 20     | 36     | 0.948     | 0.02      | 1.345 | 0.03      | 0.026     | 0         | 58.5 | 59.8 | 60.2 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 1    | 30     | 36     | 0.971     | 0.01      | 1.345 | 0.026     | 0.023     | 0         | 58.5 | 58.9 | 58   | 163        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 7   | 1    | 40     | 36     | 0.971     | 0.023     | 1.342 | 0.03      | 0.026     | 0         | 58.9 | 60.2 | 57.6 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 1    | 50     | 36     | 0.961     | -0.016    | 1.342 | 0.033     | 0.033     | 0         | 58.5 | 59.3 | 59.3 | 163        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 7   | 2    | 0      | 36     | 0.965     | -0.013    | 1.342 | 0.023     | 0.023     | 0         | 58   | 58.9 | 59.3 | 163        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 7   | 2    | 10     | 36     | 1.001     | 0         | 1.342 | 0.026     | 0.023     | 0         | 58   | 59.3 | 59.8 | 163        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 7   | 2    | 20     | 36     | 1.01      | -0.043    | 1.342 | 0.03      | 0.026     | 0         | 58   | 58.9 | 59.3 | 163        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 7   | 2    | 30     | 36     | 0.974     | -0.003    | 1.342 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 59.3 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 2    | 40     | 36     | 0.942     | -0.03     | 1.339 | 0.03      | 0.03      | 0         | 58   | 58.9 | 62.4 | 163        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 7   | 2    | 50     | 36     | 0.951     | 0         | 1.339 | 0.033     | 0.033     | 0         | 58.5 | 59.3 | 62.4 | 163        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 7   | 3    | 0      | 36     | 1.02      | 0.023     | 1.339 | 0.033     | 0.03      | 0         | 58.5 | 59.3 | 62.8 | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 3    | 10     | 36     | 0.988     | 0         | 1.339 | 0.03      | 0.026     | 0         | 58   | 59.3 | 62.8 | 163        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 7   | 3    | 20     | 36     | 0.938     | 0.03      | 1.339 | 0.03      | 0.026     | 0         | 58.5 | 59.3 | 61.9 | 163        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 7   | 3    | 30     | 36     | 0.948     | -0.003    | 1.339 | 0.03      | 0.026     | 0         | 58.5 | 59.8 | 61.5 | 164        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 7   | 3    | 40     | 36     | 0.955     | 0.02      | 1.335 | 0.026     | 0.026     | 0         | 58.5 | 59.3 | 62.4 | 164        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 7   | 3    | 50     | 36     | 0.902     | -0.023    | 1.335 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 61.5 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 7   | 4    | 0      | 36     | 1.05      | 0.02      | 1.335 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 60.6 | 166        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 7   | 4    | 10     | 36     | 0.984     | 0         | 1.335 | 0.023     | 0.023     | 0         | 58   | 59.8 | 61.5 | 163        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 7   | 4    | 20     | 36     | 0.928     | 0         | 1.335 | 0.026     | 0.023     | 0         | 58.9 | 59.8 | 60.6 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 7   | 4    | 30     | 36     | 0.994     | 0         | 1.332 | 0.039     | 0.036     | 0         | 58.5 | 59.8 | 60.2 | 164        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 7   | 4    | 40     | 36     | 0.955     | -0.016    | 1.332 | 0.033     | 0.033     | 0         | 58   | 59.3 | 59.8 | 163        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 7   | 4    | 50     | 36     | 0.925     | -0.036    | 1.332 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 60.2 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 5    | 0      | 36     | 0.958     | -0.03     | 1.332 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 60.6 | 164        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 7   | 5    | 10     | 36     | 0.863     | -0.026    | 1.332 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 58.9 | 164        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 7   | 5    | 20     | 36     | 0.938     | -0.026    | 1.329 | 0.03      | 0.026     | 0         | 58.5 | 59.8 | 59.3 | 164        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 7   | 5    | 30     | 36     | 0.955     | -0.016    | 1.329 | 0.033     | 0.03      | 0         | 58.5 | 59.3 | 59.3 | 164        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 7   | 5    | 40     | 36     | 0.971     | -0.023    | 1.325 | 0.03      | 0.026     | 0         | 58.5 | 59.8 | 58.9 | 164        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 7   | 5    | 50     | 36     | 0.988     | -0.023    | 1.325 | 0.03      | 0.03      | 0         | 58.5 | 59.8 | 59.3 | 164        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 7   | 6    | 0      | 36     | 0.928     | -0.013    | 1.322 | 0.033     | 0.03      | 0         | 58.5 | 59.3 | 59.3 | 164        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 7   | 6    | 10     | 36     | 0.958     | 0         | 1.322 | 0.033     | 0.03      | 0         | 58.9 | 59.3 | 58.9 | 164        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 7   | 6    | 20     | 36     | 0.915     | -0.026    | 1.322 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 59.8 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 6    | 30     | 36     | 0.873     | 0.026     | 1.319 | 0.036     | 0.033     | 0         | 58.5 | 59.3 | 59.8 | 163        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 7   | 6    | 40     | 36     | 0.925     | -0.01     | 1.316 | 0.033     | 0.03      | 0         | 58   | 59.3 | 58.5 | 163        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 7   | 6    | 50     | 36     | 0.896     | -0.023    | 1.316 | 0.033     | 0.03      | 0         | 58.5 | 59.3 | 58   | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 7    | 0      | 36     | 0.912     | 0         | 1.316 | 0.033     | 0.03      | 0         | 58.5 | 59.3 | 57.2 | 164        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 7   | 7    | 10     | 36     | 0.991     | -0.062    | 1.316 | 0.036     | 0.033     | 0         | 58.5 | 60.2 | 57.2 | 164        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 7   | 7    | 20     | 36     | 0.971     | 0.003     | 1.316 | 0.03      | 0.03      | 0         | 58.5 | 58.9 | 55   | 163        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 7   | 7    | 30     | 36     | 1.043     | -0.033    | 1.312 | 0.033     | 0.03      | 0         | 58   | 58.9 | 55.9 | 163        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 7   | 7    | 40     | 36     | 0.994     | -0.023    | 1.312 | 0.033     | 0.03      | 0         | 58   | 59.8 | 53.8 | 163        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 7   | 7    | 50     | 36     | 0.951     | -0.016    | 1.312 | 0.03      | 0.03      | 0         | 58   | 58.9 | 55   | 163        | 165        | 0          | 28     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 7   | 8    | 0      | 36     | 0.974     | 0.026     | 1.312 | 0.033     | 0.03      | 0         | 58.5 | 59.3 | 53.8 | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 8    | 10     | 36     | 0.991     | 0         | 1.312 | 0.03      | 0.026     | 0         | 58   | 58.9 | 55   | 163        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 7   | 8    | 20     | 36     | 0.915     | -0.01     | 1.309 | 0.026     | 0.023     | 0         | 58   | 59.8 | 57.2 | 163        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 7   | 8    | 30     | 36     | 1.001     | -0.062    | 1.309 | 0.033     | 0.03      | 0         | 58   | 59.8 | 51.2 | 162        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 8    | 40     | 36     | 0.906     | -0.01     | 1.309 | 0.03      | 0.026     | 0         | 58.5 | 58.9 | 50.7 | 163        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 7   | 8    | 50     | 36     | 0.938     | -0.003    | 1.309 | 0.033     | 0.03      | 0         | 57.6 | 59.3 | 41.7 | 162        | 165        | 0          | 28     | 27     |
| 2009 | 6     | 7   | 9    | 0      | 36     | 0.974     | -0.016    | 1.309 | 0.033     | 0.03      | 0         | 58   | 59.3 | 47.3 | 163        | 165        | 0          | 28     | 27     |
| 2009 | 6     | 7   | 9    | 10     | 36     | 0.935     | 0.016     | 1.309 | 0.033     | 0.03      | 0         | 58   | 59.3 | 55.9 | 163        | 165        | 0          | 28     | 27     |
| 2009 | 6     | 7   | 9    | 20     | 36     | 0.925     | 0.033     | 1.309 | 0.033     | 0.03      | 0         | 58.5 | 58.9 | 53.8 | 163        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 7   | 9    | 30     | 36     | 0.958     | -0.03     | 1.309 | 0.036     | 0.033     | 0         | 58.5 | 58.9 | 52.9 | 163        | 166        | 0          | 27     | 29     |
| 2009 | 6     | 7   | 9    | 40     | 36     | 0.978     | -0.036    | 1.309 | 0.033     | 0.03      | 0         | 58   | 58.9 | 48.6 | 163        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 7   | 9    | 50     | 36     | 0.965     | 0.016     | 1.309 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 57.2 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 10   | 0      | 36     | 0.928     | 0.043     | 1.309 | 0.033     | 0.03      | 0         | 58.9 | 58.9 | 58   | 164        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 7   | 10   | 10     | 36     | 0.912     | 0.03      | 1.309 | 0.036     | 0.033     | 0         | 58   | 59.8 | 54.6 | 163        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 7   | 10   | 20     | 36     | 0.922     | 0         | 1.309 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 58.5 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 10   | 30     | 36     | 0.958     | 0.02      | 1.309 | 0.033     | 0.03      | 0         | 58.9 | 59.3 | 63.6 | 164        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 10   | 40     | 36     | 0.955     | -0.016    | 1.306 | 0.03      | 0.03      | 0         | 58.9 | 59.8 | 61.5 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 10   | 50     | 36     | 0.909     | 0.013     | 1.306 | 0.033     | 0.03      | 0         | 59.3 | 59.3 | 59.8 | 165        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 7   | 11   | 0      | 36     | 0.974     | -0.013    | 1.306 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 60.6 | 164        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 7   | 11   | 10     | 36     | 0.889     | -0.046    | 1.306 | 0.03      | 0.026     | 0         | 58.9 | 60.2 | 56.3 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 11   | 20     | 36     | 0.922     | 0.039     | 1.306 | 0.033     | 0.03      | 0         | 58.5 | 60.2 | 61.1 | 164        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 7   | 11   | 30     | 36     | 0.902     | 0         | 1.306 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 54.6 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 11   | 40     | 36     | 0.984     | -0.052    | 1.306 | 0.03      | 0.03      | 0         | 59.3 | 60.2 | 58.9 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 11   | 50     | 36     | 0.899     | -0.026    | 1.302 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 58.5 | 165        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 7   | 12   | 0      | 36     | 0.899     | -0.01     | 1.302 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 60.2 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 12   | 10     | 36     | 0.938     | 0.036     | 1.302 | 0.039     | 0.036     | 0         | 59.8 | 60.6 | 60.2 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 12   | 20     | 36     | 0.978     | -0.039    | 1.302 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 58   | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 12   | 30     | 36     | 0.945     | 0.003     | 1.299 | 0.03      | 0.026     | 0         | 60.2 | 60.6 | 58.5 | 166        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 12   | 40     | 36     | 0.994     | -0.026    | 1.299 | 0.03      | 0.03      | 0         | 59.3 | 60.6 | 58.9 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 12   | 50     | 36     | 0.938     | 0.01      | 1.296 | 0.039     | 0.036     | 0         | 59.8 | 61.1 | 55.9 | 167        | 169        | 0          | 28     | 27     |
| 2009 | 6     | 7   | 13   | 0      | 36     | 0.932     | 0.023     | 1.296 | 0.033     | 0.03      | 0         | 59.8 | 61.5 | 58   | 166        | 169        | 0          | 27     | 26     |
| 2009 | 6     | 7   | 13   | 10     | 36     | 0.889     | 0.056     | 1.293 | 0.03      | 0.026     | 0         | 59.8 | 60.2 | 55.9 | 166        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 7   | 13   | 20     | 36     | 0.86      | 0.003     | 1.293 | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 58.5 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 13   | 30     | 36     | 0.968     | -0.01     | 1.289 | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 57.2 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 13   | 40     | 36     | 0.922     | -0.013    | 1.289 | 0.033     | 0.03      | 0         | 60.2 | 61.5 | 55   | 166        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 7   | 13   | 50     | 36     | 0.932     | 0.049     | 1.286 | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 58.9 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 14   | 0      | 36     | 0.971     | 0.007     | 1.286 | 0.03      | 0.03      | 0         | 60.2 | 61.1 | 58.5 | 166        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 14   | 10     | 36     | 0.922     | 0         | 1.286 | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 57.6 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 14   | 20     | 36     | 0.971     | 0.016     | 1.286 | 0.03      | 0.03      | 0         | 59.8 | 61.1 | 58.9 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 14   | 30     | 36     | 0.974     | 0.059     | 1.286 | 0.036     | 0.033     | 0         | 60.6 | 61.1 | 58   | 167        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 14   | 40     | 36     | 0.988     | 0         | 1.286 | 0.033     | 0.03      | 0         | 60.2 | 61.5 | 54.6 | 167        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 14   | 50     | 36     | 0.915     | -0.023    | 1.286 | 0.03      | 0.03      | 0         | 59.8 | 61.1 | 57.2 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 15   | 0      | 36     | 0.942     | 0         | 1.286 | 0.033     | 0.03      | 0         | 59.8 | 61.5 | 58   | 166        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 15   | 10     | 36     | 0.965     | 0.007     | 1.283 | 0.033     | 0.03      | 0         | 60.2 | 61.5 | 56.8 | 166        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 15   | 20     | 36     | 0.955     | -0.016    | 1.283 | 0.033     | 0.03      | 0         | 60.2 | 61.5 | 59.3 | 166        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 7   | 15   | 30     | 36     | 1.007     | -0.016    | 1.283 | 0.036     | 0.033     | 0         | 60.2 | 61.5 | 55.5 | 167        | 169        | 0          | 27     | 26     |
| 2009 | 6     | 7   | 15   | 40     | 36     | 1.01      | 0.01      | 1.283 | 0.033     | 0.03      | 0         | 59.8 | 61.5 | 55.5 | 166        | 169        | 0          | 27     | 26     |
| 2009 | 6     | 7   | 15   | 50     | 36     | 0.932     | 0         | 1.283 | 0.033     | 0.03      | 0         | 59.8 | 61.5 | 58   | 166        | 170        | 0          | 27     | 27     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 7   | 16   | 0      | 36     | 0.945     | 0.033     | 1.283 | 0.033     | 0.03      | 0         | 60.2 | 60.6 | 56.3 | 166        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 16   | 10     | 36     | 0.991     | -0.026    | 1.283 | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 57.6 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 16   | 20     | 36     | 0.978     | 0         | 1.283 | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 57.2 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 16   | 30     | 36     | 0.974     | 0.062     | 1.283 | 0.03      | 0.03      | 0         | 60.2 | 61.5 | 55.9 | 167        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 16   | 40     | 36     | 0.968     | 0         | 1.283 | 0.03      | 0.026     | 0         | 59.8 | 61.1 | 57.2 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 16   | 50     | 36     | 0.938     | 0.049     | 1.283 | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 54.2 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 17   | 0      | 36     | 1.014     | -0.016    | 1.283 | 0.03      | 0.026     | 0         | 59.8 | 61.9 | 57.6 | 166        | 170        | 0          | 27     | 26     |
| 2009 | 6     | 7   | 17   | 10     | 36     | 0.909     | 0.023     | 1.28  | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 56.3 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 17   | 20     | 36     | 0.978     | 0.03      | 1.28  | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 56.3 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 17   | 30     | 36     | 0.935     | -0.02     | 1.28  | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 55.9 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 17   | 40     | 36     | 0.984     | 0.026     | 1.28  | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 55.5 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 17   | 50     | 36     | 0.978     | 0.02      | 1.28  | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 56.8 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 18   | 0      | 36     | 1.024     | 0.007     | 1.28  | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 57.6 | 165        | 169        | 0          | 27     | 28     |
| 2009 | 6     | 7   | 18   | 10     | 36     | 0.978     | -0.003    | 1.28  | 0.03      | 0.026     | 0         | 60.2 | 60.6 | 56.8 | 166        | 169        | 0          | 26     | 28     |
| 2009 | 6     | 7   | 18   | 20     | 36     | 1.007     | 0.02      | 1.28  | 0.03      | 0.03      | 0         | 59.8 | 61.1 | 56.8 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 18   | 30     | 36     | 0.994     | 0         | 1.28  | 0.033     | 0.03      | 0         | 59.3 | 61.1 | 56.3 | 165        | 168        | 0          | 27     | 26     |
| 2009 | 6     | 7   | 18   | 40     | 36     | 0.915     | -0.016    | 1.28  | 0.03      | 0.03      | 0         | 59.8 | 61.1 | 56.3 | 165        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 18   | 50     | 36     | 0.971     | -0.026    | 1.28  | 0.026     | 0.023     | 0         | 59.8 | 60.6 | 57.6 | 165        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 19   | 0      | 36     | 0.935     | -0.013    | 1.28  | 0.036     | 0.033     | 0         | 59.3 | 60.6 | 57.6 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 19   | 10     | 36     | 0.935     | 0         | 1.28  | 0.036     | 0.033     | 0         | 59.8 | 60.6 | 56.3 | 165        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 19   | 20     | 36     | 0.883     | 0.007     | 1.28  | 0.03      | 0.03      | 0         | 59.3 | 60.6 | 58.5 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 19   | 30     | 36     | 0.909     | 0         | 1.28  | 0.036     | 0.033     | 0         | 58.9 | 59.8 | 57.6 | 164        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 7   | 19   | 40     | 36     | 0.958     | -0.003    | 1.28  | 0.03      | 0.03      | 0         | 58.9 | 60.6 | 60.2 | 164        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 19   | 50     | 36     | 0.942     | 0.01      | 1.28  | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 58.5 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 20   | 0      | 36     | 0.955     | 0.049     | 1.28  | 0.033     | 0.03      | 0         | 59.8 | 61.5 | 58.9 | 166        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 20   | 10     | 36     | 0.912     | 0         | 1.28  | 0.033     | 0.03      | 0         | 58.9 | 60.6 | 60.2 | 164        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 20   | 20     | 36     | 0.974     | -0.003    | 1.28  | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 59.8 | 165        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 20   | 30     | 36     | 0.928     | 0.033     | 1.28  | 0.033     | 0.03      | 0         | 59.8 | 61.5 | 58.5 | 166        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 20   | 40     | 36     | 0.932     | -0.03     | 1.28  | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 58.9 | 167        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 20   | 50     | 36     | 0.978     | 0.01      | 1.28  | 0.03      | 0.03      | 0         | 59.8 | 61.5 | 58.9 | 166        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 21   | 0      | 36     | 0.968     | -0.02     | 1.28  | 0.033     | 0.03      | 0         | 58.9 | 61.1 | 58   | 165        | 169        | 0          | 28     | 27     |
| 2009 | 6     | 7   | 21   | 10     | 36     | 0.919     | 0         | 1.28  | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 58.5 | 166        | 170        | 0          | 27     | 28     |
| 2009 | 6     | 7   | 21   | 20     | 36     | 0.906     | 0.059     | 1.28  | 0.033     | 0.03      | 0         | 58.9 | 60.6 | 57.6 | 164        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 21   | 30     | 36     | 0.938     | 0.007     | 1.28  | 0.039     | 0.039     | 0         | 59.3 | 61.9 | 56.8 | 165        | 170        | 0          | 27     | 26     |
| 2009 | 6     | 7   | 21   | 40     | 36     | 0.932     | -0.013    | 1.28  | 0.036     | 0.033     | 0         | 59.8 | 60.6 | 57.2 | 166        | 169        | 0          | 27     | 28     |
| 2009 | 6     | 7   | 21   | 50     | 36     | 0.886     | 0.013     | 1.28  | 0.036     | 0.033     | 0         | 59.3 | 61.5 | 59.3 | 165        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 22   | 0      | 36     | 0.948     | -0.059    | 1.283 | 0.033     | 0.03      | 0         | 59.3 | 61.1 | 59.3 | 165        | 170        | 0          | 27     | 28     |
| 2009 | 6     | 7   | 22   | 10     | 36     | 0.955     | -0.013    | 1.28  | 0.03      | 0.03      | 0         | 58.9 | 60.2 | 59.3 | 164        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 7   | 22   | 20     | 36     | 0.869     | 0.013     | 1.28  | 0.036     | 0.033     | 0         | 58.9 | 60.6 | 59.8 | 164        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 22   | 30     | 36     | 0.896     | 0.007     | 1.28  | 0.03      | 0.03      | 0         | 58.9 | 61.1 | 59.3 | 164        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 22   | 40     | 36     | 1.033     | -0.013    | 1.28  | 0.033     | 0.03      | 0         | 58   | 60.2 | 60.2 | 163        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 7   | 22   | 50     | 36     | 0.958     | 0.02      | 1.28  | 0.033     | 0.03      | 0         | 58   | 60.2 | 59.8 | 162        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 23   | 0      | 36     | 0.981     | 0.033     | 1.28  | 0.026     | 0.023     | 0         | 58   | 60.2 | 59.3 | 162        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 23   | 10     | 36     | 0.974     | 0.036     | 1.28  | 0.036     | 0.033     | 0         | 58   | 60.2 | 59.3 | 162        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 23   | 20     | 36     | 0.928     | -0.052    | 1.283 | 0.03      | 0.03      | 0         | 58.5 | 60.2 | 60.2 | 163        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 23   | 30     | 36     | 0.922     | 0         | 1.283 | 0.033     | 0.03      | 0         | 58   | 59.8 | 59.3 | 162        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 7   | 23   | 40     | 36     | 0.922     | 0.023     | 1.283 | 0.033     | 0.03      | 0         | 57.6 | 59.8 | 59.3 | 162        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 7   | 23   | 50     | 36     | 0.945     | 0.003     | 1.283 | 0.033     | 0.03      | 0         | 58   | 60.2 | 59.3 | 162        | 167        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 8   | 0    | 0      | 36     | 0.951     | -0.01     | 1.283 | 0.033     | 0.03      | 0         | 58   | 60.2 | 59.3 | 162        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 0    | 10     | 36     | 0.948     | -0.039    | 1.283 | 0.036     | 0.033     | 0         | 58   | 59.8 | 59.3 | 162        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 0    | 20     | 36     | 0.928     | 0.02      | 1.286 | 0.033     | 0.033     | 0         | 58   | 60.2 | 58.9 | 162        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 0    | 30     | 36     | 1.017     | -0.003    | 1.286 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 58.5 | 162        | 167        | 0          | 26     | 28     |
| 2009 | 6     | 8   | 0    | 40     | 36     | 0.935     | 0.046     | 1.286 | 0.036     | 0.033     | 0         | 58.5 | 60.2 | 58.9 | 163        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 0    | 50     | 36     | 0.896     | -0.01     | 1.289 | 0.033     | 0.03      | 0         | 57.6 | 60.2 | 53.8 | 162        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 8   | 1    | 0      | 36     | 0.899     | 0.056     | 1.293 | 0.033     | 0.03      | 0         | 57.2 | 60.2 | 59.8 | 161        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 8   | 1    | 10     | 36     | 0.922     | 0.033     | 1.293 | 0.033     | 0.03      | 0         | 58   | 59.8 | 58.9 | 162        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 1    | 20     | 36     | 0.971     | 0.03      | 1.296 | 0.03      | 0.03      | 0         | 58   | 59.8 | 58.9 | 162        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 1    | 30     | 36     | 0.879     | 0.03      | 1.296 | 0.033     | 0.03      | 0         | 58   | 60.2 | 59.8 | 162        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 1    | 40     | 36     | 1.01      | -0.079    | 1.296 | 0.03      | 0.026     | 0         | 57.6 | 59.8 | 60.2 | 162        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 8   | 1    | 50     | 36     | 0.889     | 0         | 1.296 | 0.033     | 0.03      | 0         | 57.6 | 60.2 | 59.8 | 161        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 2    | 0      | 36     | 0.997     | -0.043    | 1.299 | 0.033     | 0.03      | 0         | 57.6 | 59.3 | 60.6 | 161        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 8   | 2    | 10     | 36     | 0.968     | 0.013     | 1.299 | 0.033     | 0.03      | 0         | 58   | 60.2 | 59.8 | 162        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 2    | 20     | 36     | 0.906     | -0.049    | 1.299 | 0.03      | 0.03      | 0         | 57.2 | 59.8 | 61.1 | 161        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 8   | 2    | 30     | 36     | 0.991     | -0.043    | 1.299 | 0.033     | 0.03      | 0         | 58   | 59.8 | 60.6 | 162        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 8   | 2    | 40     | 36     | 0.909     | 0.036     | 1.299 | 0.036     | 0.033     | 0         | 57.6 | 60.2 | 61.1 | 161        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 2    | 50     | 36     | 0.892     | -0.059    | 1.299 | 0.03      | 0.03      | 0         | 57.6 | 60.2 | 61.1 | 161        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 3    | 0      | 36     | 0.951     | 0.026     | 1.302 | 0.033     | 0.03      | 0         | 60.2 | 60.2 | 61.1 | 166        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 3    | 10     | 36     | 0.896     | -0.046    | 1.302 | 0.036     | 0.033     | 0         | 59.3 | 59.8 | 61.5 | 165        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 8   | 3    | 20     | 36     | 0.978     | 0.043     | 1.302 | 0.03      | 0.026     | 0         | 60.2 | 60.2 | 61.9 | 167        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 8   | 3    | 30     | 36     | 0.942     | 0.049     | 1.302 | 0.033     | 0.033     | 0         | 59.3 | 60.6 | 61.9 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 3    | 40     | 36     | 0.879     | 0.02      | 1.302 | 0.036     | 0.033     | 0         | 59.3 | 60.6 | 61.9 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 3    | 50     | 36     | 0.974     | -0.056    | 1.302 | 0.039     | 0.039     | 0         | 58.9 | 59.8 | 61.9 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 8   | 4    | 0      | 36     | 0.883     | 0.03      | 1.302 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 62.4 | 166        | 168        | 0          | 28     | 27     |
| 2009 | 6     | 8   | 4    | 10     | 36     | 0.935     | 0.026     | 1.302 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 62.8 | 165        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 8   | 4    | 20     | 36     | 0.909     | 0.039     | 1.302 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 62.8 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 8   | 4    | 30     | 36     | 0.925     | -0.023    | 1.302 | 0.03      | 0.03      | 0         | 59.3 | 60.6 | 62.4 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 4    | 40     | 36     | 0.922     | 0.01      | 1.306 | 0.036     | 0.033     | 0         | 58.9 | 60.2 | 62.4 | 165        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 8   | 4    | 50     | 36     | 0.909     | -0.013    | 1.302 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 62.8 | 166        | 168        | 0          | 28     | 27     |
| 2009 | 6     | 8   | 5    | 0      | 36     | 0.912     | 0.013     | 1.306 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 62.8 | 166        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 8   | 5    | 10     | 36     | 0.889     | -0.095    | 1.306 | 0.033     | 0.03      | 0         | 59.8 | 60.2 | 62.8 | 166        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 8   | 5    | 20     | 36     | 0.912     | 0.013     | 1.306 | 0.033     | 0.03      | 0         | 59.8 | 60.2 | 62.8 | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 5    | 30     | 36     | 0.951     | 0.016     | 1.306 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 59.8 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 5    | 40     | 36     | 0.965     | -0.072    | 1.306 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 63.2 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 5    | 50     | 36     | 0.935     | -0.115    | 1.306 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 58   | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 8   | 6    | 0      | 36     | 0.948     | -0.049    | 1.306 | 0.03      | 0.03      | 0         | 59.3 | 60.2 | 62.4 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 6    | 10     | 36     | 0.925     | -0.039    | 1.306 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 62.4 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 6    | 20     | 36     | 0.974     | -0.016    | 1.306 | 0.03      | 0.03      | 0         | 58.9 | 60.2 | 63.2 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 6    | 30     | 36     | 0.951     | 0.026     | 1.306 | 0.033     | 0.033     | 0         | 58.9 | 59.8 | 62.8 | 164        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 8   | 6    | 40     | 36     | 0.873     | 0.033     | 1.306 | 0.03      | 0.03      | 0         | 58.9 | 59.8 | 62.8 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 8   | 6    | 50     | 36     | 0.922     | 0.062     | 1.306 | 0.039     | 0.036     | 0         | 58.5 | 60.2 | 62.8 | 164        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 8   | 7    | 0      | 36     | 0.935     | 0.02      | 1.306 | 0.033     | 0.033     | 0         | 58.5 | 59.3 | 62.8 | 164        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 8   | 7    | 10     | 36     | 0.932     | -0.03     | 1.306 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 63.2 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 7    | 20     | 36     | 0.912     | 0         | 1.306 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 63.2 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 7    | 30     | 36     | 0.925     | -0.003    | 1.306 | 0.036     | 0.033     | 0         | 58.9 | 59.8 | 63.2 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 7    | 40     | 36     | 0.945     | -0.003    | 1.306 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 63.2 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 7    | 50     | 36     | 0.915     | -0.013    | 1.306 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 62.8 | 164        | 166        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 8   | 8    | 0      | 36     | 0.991     | 0         | 1.309 | 0.033     | 0.03      | 0         | 58   | 59.8 | 63.2 | 163        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 8   | 8    | 10     | 36     | 0.984     | -0.003    | 1.309 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 63.2 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 8    | 20     | 36     | 0.988     | 0.01      | 1.309 | 0.033     | 0.03      | 0         | 58   | 59.3 | 63.6 | 163        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 8   | 8    | 30     | 36     | 0.984     | 0.036     | 1.309 | 0.033     | 0.033     | 0         | 58.5 | 59.3 | 63.2 | 163        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 8   | 8    | 40     | 36     | 0.974     | -0.003    | 1.309 | 0.039     | 0.036     | 0         | 58.5 | 59.8 | 63.6 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 8    | 50     | 36     | 0.889     | -0.007    | 1.309 | 0.033     | 0.03      | 0         | 58.5 | 59.3 | 63.6 | 163        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 8   | 9    | 0      | 36     | 0.912     | -0.066    | 1.309 | 0.039     | 0.036     | 0         | 58.5 | 59.8 | 63.2 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 9    | 10     | 36     | 0.948     | 0.059     | 1.309 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 63.2 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 9    | 20     | 36     | 0.912     | 0         | 1.309 | 0.039     | 0.036     | 0         | 58.5 | 59.3 | 63.2 | 163        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 8   | 9    | 30     | 36     | 0.896     | 0.059     | 1.309 | 0.036     | 0.033     | 0         | 58   | 59.8 | 64.1 | 163        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 8   | 9    | 40     | 36     | 0.997     | 0.013     | 1.309 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 62.8 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 9    | 50     | 36     | 0.892     | 0.02      | 1.309 | 0.033     | 0.03      | 0         | 58.5 | 59.3 | 62.8 | 163        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 8   | 10   | 0      | 36     | 0.971     | -0.082    | 1.309 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 63.2 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 10   | 10     | 36     | 0.971     | -0.066    | 1.306 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 62.4 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 10   | 20     | 36     | 0.935     | -0.016    | 1.309 | 0.039     | 0.036     | 0         | 58.5 | 59.8 | 60.6 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 10   | 30     | 36     | 0.892     | -0.007    | 1.306 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 61.9 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 10   | 40     | 36     | 0.997     | 0.013     | 1.306 | 0.039     | 0.036     | 0         | 59.3 | 60.2 | 59.3 | 164        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 10   | 50     | 36     | 0.915     | -0.069    | 1.306 | 0.033     | 0.03      | 0         | 58.9 | 60.6 | 58   | 164        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 8   | 11   | 0      | 36     | 0.886     | -0.003    | 1.306 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 57.2 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 11   | 10     | 36     | 0.965     | -0.016    | 1.306 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 58   | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 11   | 20     | 36     | 0.879     | 0.052     | 1.302 | 0.039     | 0.036     | 0         | 58.9 | 60.2 | 57.2 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 11   | 30     | 36     | 1.043     | 0.013     | 1.302 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 57.6 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 11   | 40     | 36     | 0.932     | 0.056     | 1.302 | 0.033     | 0.03      | 0         | 59.3 | 61.1 | 57.6 | 165        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 11   | 50     | 36     | 0.965     | 0         | 1.299 | 0.036     | 0.033     | 0         | 59.3 | 61.1 | 55.5 | 165        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 12   | 0      | 36     | 1.03      | 0.039     | 1.299 | 0.033     | 0.03      | 0         | 59.3 | 61.1 | 56.8 | 165        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 12   | 10     | 36     | 0.984     | -0.003    | 1.299 | 0.033     | 0.03      | 0         | 59.8 | 61.5 | 55.9 | 165        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 12   | 20     | 36     | 0.978     | 0.03      | 1.296 | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 55.9 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 12   | 30     | 36     | 0.909     | 0.059     | 1.299 | 0.036     | 0.033     | 0         | 59.8 | 60.6 | 57.6 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 12   | 40     | 36     | 0.948     | 0.066     | 1.293 | 0.039     | 0.036     | 0         | 60.2 | 61.5 | 51.2 | 166        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 12   | 50     | 36     | 0.948     | 0.082     | 1.293 | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 54.6 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 13   | 0      | 36     | 0.971     | 0.03      | 1.293 | 0.033     | 0.03      | 0         | 60.2 | 61.5 | 55.5 | 167        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 13   | 10     | 36     | 0.991     | 0.02      | 1.293 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 50.3 | 166        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 13   | 20     | 36     | 0.974     | 0.01      | 1.293 | 0.033     | 0.03      | 0         | 59.8 | 61.5 | 54.6 | 166        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 13   | 30     | 36     | 0.932     | 0.046     | 1.289 | 0.033     | 0.03      | 0         | 60.2 | 61.5 | 52.5 | 167        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 13   | 40     | 36     | 0.909     | 0.075     | 1.289 | 0.033     | 0.03      | 0         | 60.2 | 61.9 | 55   | 166        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 13   | 50     | 36     | 0.951     | 0.059     | 1.289 | 0.03      | 0.03      | 0         | 60.2 | 61.1 | 49   | 166        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 14   | 0      | 36     | 0.955     | 0.013     | 1.289 | 0.033     | 0.03      | 0         | 60.2 | 61.9 | 53.8 | 167        | 170        | 0          | 27     | 26     |
| 2009 | 6     | 8   | 14   | 10     | 36     | 0.922     | 0.066     | 1.289 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 52.5 | 167        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 14   | 20     | 36     | 0.883     | -0.026    | 1.289 | 0.033     | 0.03      | 0         | 59.8 | 61.5 | 49.9 | 166        | 169        | 0          | 27     | 26     |
| 2009 | 6     | 8   | 14   | 30     | 36     | 0.942     | 0.02      | 1.286 | 0.033     | 0.033     | 0         | 60.6 | 61.5 | 56.3 | 167        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 14   | 40     | 36     | 0.958     | -0.026    | 1.286 | 0.03      | 0.03      | 0         | 59.8 | 61.1 | 55   | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 14   | 50     | 36     | 0.968     | 0.043     | 1.286 | 0.03      | 0.026     | 0         | 60.6 | 61.9 | 55.5 | 167        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 15   | 0      | 36     | 0.932     | 0.03      | 1.286 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 51.2 | 166        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 15   | 10     | 36     | 0.968     | -0.016    | 1.286 | 0.033     | 0.03      | 0         | 60.6 | 61.1 | 55.5 | 167        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 15   | 20     | 36     | 0.961     | 0.023     | 1.286 | 0.033     | 0.03      | 0         | 59.8 | 61.5 | 52   | 166        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 15   | 30     | 36     | 0.955     | 0.013     | 1.286 | 0.036     | 0.033     | 0         | 60.2 | 61.5 | 54.2 | 166        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 15   | 40     | 36     | 0.883     | -0.003    | 1.283 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 53.8 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 15   | 50     | 36     | 0.935     | -0.013    | 1.286 | 0.026     | 0.023     | 0         | 59.8 | 61.9 | 52.5 | 166        | 170        | 0          | 27     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 8   | 16   | 0      | 36     | 0.938     | 0         | 1.283 | 0.03      | 0.026     | 0         | 60.2 | 61.9 | 54.2 | 166        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 16   | 10     | 36     | 0.971     | 0.01      | 1.283 | 0.03      | 0.03      | 0         | 60.2 | 61.5 | 54.6 | 166        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 16   | 20     | 36     | 0.994     | -0.007    | 1.283 | 0.043     | 0.039     | 0         | 60.2 | 61.5 | 52.5 | 166        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 16   | 30     | 36     | 0.938     | -0.016    | 1.283 | 0.036     | 0.033     | 0         | 60.2 | 61.5 | 53.8 | 166        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 16   | 40     | 36     | 0.938     | -0.003    | 1.283 | 0.033     | 0.03      | 0         | 59.8 | 61.5 | 55   | 166        | 169        | 0          | 27     | 26     |
| 2009 | 6     | 8   | 16   | 50     | 36     | 0.968     | 0.026     | 1.283 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 52.9 | 166        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 17   | 0      | 36     | 0.951     | 0.098     | 1.283 | 0.03      | 0.03      | 0         | 60.2 | 61.1 | 52.9 | 166        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 17   | 10     | 36     | 0.915     | -0.033    | 1.283 | 0.039     | 0.036     | 0         | 60.2 | 60.6 | 54.2 | 166        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 17   | 20     | 36     | 0.951     | 0.013     | 1.283 | 0.03      | 0.03      | 0         | 59.8 | 61.5 | 54.2 | 165        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 17   | 30     | 36     | 0.961     | 0.105     | 1.283 | 0.033     | 0.033     | 0         | 59.8 | 61.5 | 53.8 | 165        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 17   | 40     | 36     | 0.981     | 0.013     | 1.283 | 0.033     | 0.03      | 0         | 60.2 | 61.5 | 55   | 166        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 17   | 50     | 36     | 0.886     | 0.056     | 1.283 | 0.03      | 0.03      | 0         | 59.8 | 60.6 | 53.8 | 165        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 18   | 0      | 36     | 0.909     | 0.079     | 1.283 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 55.9 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 18   | 10     | 36     | 0.951     | 0.013     | 1.283 | 0.033     | 0.03      | 0         | 59.8 | 61.5 | 55.9 | 165        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 18   | 20     | 36     | 0.922     | -0.007    | 1.283 | 0.033     | 0.03      | 0         | 59.8 | 61.5 | 57.6 | 166        | 169        | 0          | 27     | 26     |
| 2009 | 6     | 8   | 18   | 30     | 36     | 0.958     | 0         | 1.283 | 0.033     | 0.03      | 0         | 59.8 | 61.5 | 57.6 | 165        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 18   | 40     | 36     | 0.974     | 0.013     | 1.283 | 0.033     | 0.03      | 0         | 59.3 | 61.1 | 60.2 | 165        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 18   | 50     | 36     | 0.948     | 0.043     | 1.283 | 0.03      | 0.03      | 0         | 59.8 | 61.1 | 52   | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 19   | 0      | 36     | 0.909     | 0.013     | 1.286 | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 40   | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 19   | 10     | 36     | 0.906     | 0         | 1.283 | 0.03      | 0.03      | 0         | 60.2 | 62.4 | 39.1 | 167        | 171        | 0          | 27     | 26     |
| 2009 | 6     | 8   | 19   | 20     | 36     | 0.965     | 0.043     | 1.283 | 0.033     | 0.03      | 0         | 60.2 | 61.9 | 40.9 | 167        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 19   | 30     | 36     | 0.955     | -0.023    | 1.283 | 0.033     | 0.03      | 0         | 60.2 | 61.5 | 39.6 | 167        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 19   | 40     | 36     | 0.974     | 0.033     | 1.283 | 0.036     | 0.033     | 0         | 60.2 | 61.9 | 43   | 167        | 170        | 0          | 27     | 26     |
| 2009 | 6     | 8   | 19   | 50     | 36     | 0.919     | 0.036     | 1.283 | 0.033     | 0.03      | 0         | 60.2 | 61.9 | 39.6 | 167        | 170        | 0          | 27     | 26     |
| 2009 | 6     | 8   | 20   | 0      | 36     | 0.968     | -0.059    | 1.283 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 39.1 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 20   | 10     | 36     | 0.951     | 0.039     | 1.286 | 0.036     | 0.033     | 0         | 60.6 | 61.9 | 38.3 | 168        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 20   | 20     | 36     | 0.912     | 0.02      | 1.286 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 40   | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 20   | 30     | 36     | 0.932     | 0.062     | 1.286 | 0.033     | 0.03      | 0         | 60.2 | 61.5 | 37.8 | 167        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 20   | 40     | 36     | 0.928     | 0.003     | 1.283 | 0.03      | 0.03      | 0         | 60.6 | 61.5 | 39.1 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 20   | 50     | 36     | 0.915     | 0.052     | 1.286 | 0.033     | 0.03      | 0         | 59.8 | 61.5 | 39.1 | 167        | 170        | 0          | 28     | 27     |
| 2009 | 6     | 8   | 21   | 0      | 36     | 0.922     | -0.036    | 1.286 | 0.033     | 0.03      | 0         | 61.1 | 61.9 | 39.6 | 168        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 21   | 10     | 36     | 1.01      | 0.023     | 1.286 | 0.03      | 0.03      | 0         | 59.8 | 61.1 | 38.7 | 167        | 169        | 0          | 28     | 27     |
| 2009 | 6     | 8   | 21   | 20     | 36     | 0.965     | 0.046     | 1.286 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 38.7 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 21   | 30     | 36     | 0.896     | -0.039    | 1.283 | 0.033     | 0.03      | 0         | 60.2 | 61.5 | 48.6 | 167        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 21   | 40     | 36     | 0.984     | 0.052     | 1.283 | 0.039     | 0.036     | 0         | 60.2 | 61.5 | 50.7 | 167        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 21   | 50     | 36     | 0.942     | 0.023     | 1.283 | 0.026     | 0.023     | 0         | 59.8 | 61.1 | 50.7 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 22   | 0      | 36     | 1.017     | -0.052    | 1.286 | 0.036     | 0.033     | 0         | 60.2 | 61.1 | 51.2 | 167        | 170        | 0          | 27     | 28     |
| 2009 | 6     | 8   | 22   | 10     | 36     | 0.961     | -0.007    | 1.286 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 48.6 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 22   | 20     | 36     | 0.919     | 0.01      | 1.286 | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 52.5 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 22   | 30     | 36     | 1.01      | 0.056     | 1.286 | 0.039     | 0.036     | 0         | 60.2 | 61.1 | 52   | 166        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 22   | 40     | 36     | 0.948     | -0.01     | 1.286 | 0.039     | 0.036     | 0         | 58.9 | 60.6 | 49   | 165        | 168        | 0          | 28     | 27     |
| 2009 | 6     | 8   | 22   | 50     | 36     | 0.928     | 0.03      | 1.289 | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 49.9 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 23   | 0      | 36     | 0.971     | 0.01      | 1.289 | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 50.7 | 166        | 168        | 0          | 27     | 26     |
| 2009 | 6     | 8   | 23   | 10     | 36     | 0.978     | -0.007    | 1.289 | 0.039     | 0.036     | 0         | 59.3 | 60.2 | 48.6 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 23   | 20     | 36     | 0.948     | -0.003    | 1.293 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 49   | 165        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 8   | 23   | 30     | 36     | 1.007     | -0.043    | 1.289 | 0.036     | 0.033     | 0         | 59.8 | 60.2 | 43   | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 23   | 40     | 36     | 0.968     | -0.013    | 1.289 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 44.7 | 166        | 167        | 0          | 28     | 26     |
| 2009 | 6     | 8   | 23   | 50     | 36     | 0.928     | 0         | 1.296 | 0.03      | 0.03      | 0         | 60.2 | 61.1 | 51.6 | 166        | 169        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 9   | 0    | 0      | 36     | 0.919     | -0.039    | 1.299 | 0.03      | 0.03      | 0         | 59.8 | 60.6 | 53.8 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 0    | 10     | 36     | 0.971     | -0.016    | 1.299 | 0.033     | 0.033     | 0         | 59.3 | 60.2 | 54.6 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 0    | 20     | 36     | 0.984     | 0.03      | 1.299 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 57.2 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 0    | 30     | 36     | 0.922     | 0.007     | 1.302 | 0.036     | 0.033     | 0         | 59.3 | 60.2 | 57.2 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 0    | 40     | 36     | 0.971     | 0.039     | 1.302 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 57.2 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 0    | 50     | 36     | 0.942     | 0.01      | 1.302 | 0.033     | 0.03      | 0         | 58.9 | 60.6 | 57.2 | 165        | 167        | 0          | 28     | 26     |
| 2009 | 6     | 9   | 1    | 0      | 36     | 0.951     | -0.046    | 1.302 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 58   | 164        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 9   | 1    | 10     | 36     | 0.945     | 0         | 1.302 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 56.3 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 1    | 20     | 36     | 0.935     | -0.003    | 1.302 | 0.026     | 0.023     | 0         | 59.3 | 60.2 | 55.9 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 1    | 30     | 36     | 0.938     | 0.03      | 1.302 | 0.036     | 0.033     | 0         | 59.3 | 60.2 | 52   | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 1    | 40     | 36     | 0.919     | 0.01      | 1.306 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 54.2 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 1    | 50     | 36     | 0.955     | -0.013    | 1.306 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 54.6 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 2    | 0      | 36     | 1.01      | -0.066    | 1.306 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 53.3 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 2    | 10     | 36     | 0.909     | -0.02     | 1.306 | 0.03      | 0.026     | 0         | 58.9 | 60.2 | 56.3 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 2    | 20     | 36     | 0.919     | -0.007    | 1.306 | 0.039     | 0.039     | 0         | 59.3 | 60.2 | 57.2 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 2    | 30     | 36     | 0.909     | -0.043    | 1.306 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 56.8 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 2    | 40     | 36     | 0.889     | -0.033    | 1.306 | 0.033     | 0.03      | 0         | 59.3 | 61.1 | 58.9 | 165        | 168        | 0          | 27     | 26     |
| 2009 | 6     | 9   | 2    | 50     | 36     | 0.846     | 0.007     | 1.306 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 58.9 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 3    | 0      | 36     | 0.961     | 0         | 1.309 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 58   | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 3    | 10     | 36     | 0.955     | -0.039    | 1.309 | 0.03      | 0.026     | 0         | 59.3 | 60.6 | 62.8 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 3    | 20     | 36     | 0.978     | -0.016    | 1.309 | 0.039     | 0.036     | 0         | 58.9 | 59.8 | 61.5 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 3    | 30     | 36     | 0.948     | 0.013     | 1.309 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 59.8 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 3    | 40     | 36     | 0.892     | 0.02      | 1.309 | 0.026     | 0.023     | 0         | 58.9 | 60.2 | 58.5 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 3    | 50     | 36     | 1.014     | -0.033    | 1.309 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 60.2 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 4    | 0      | 36     | 0.984     | -0.03     | 1.309 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 61.5 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 4    | 10     | 36     | 0.951     | 0.03      | 1.309 | 0.033     | 0.03      | 0         | 58.5 | 60.2 | 59.3 | 164        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 9   | 4    | 20     | 36     | 0.899     | 0.02      | 1.309 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 59.3 | 165        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 9   | 4    | 30     | 36     | 0.942     | 0         | 1.309 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 59.3 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 4    | 40     | 36     | 0.965     | 0.023     | 1.309 | 0.033     | 0.03      | 0         | 58.5 | 60.2 | 60.2 | 164        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 9   | 4    | 50     | 36     | 0.991     | 0.052     | 1.309 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 59.3 | 165        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 9   | 5    | 0      | 36     | 0.919     | 0.062     | 1.309 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 61.1 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 5    | 10     | 36     | 1.01      | -0.026    | 1.312 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 59.8 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 5    | 20     | 36     | 0.974     | -0.01     | 1.312 | 0.03      | 0.03      | 0         | 58.9 | 60.2 | 60.6 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 5    | 30     | 36     | 0.902     | -0.016    | 1.312 | 0.036     | 0.033     | 0         | 59.3 | 60.2 | 61.1 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 5    | 40     | 36     | 0.961     | -0.016    | 1.312 | 0.03      | 0.03      | 0         | 58.9 | 60.2 | 62.4 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 5    | 50     | 36     | 0.935     | 0.066     | 1.312 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 62.8 | 164        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 9   | 6    | 0      | 36     | 0.994     | 0.033     | 1.312 | 0.033     | 0.033     | 0         | 58.9 | 59.8 | 58   | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 6    | 10     | 36     | 0.942     | -0.026    | 1.312 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 61.9 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 6    | 20     | 36     | 0.899     | -0.043    | 1.312 | 0.03      | 0.03      | 0         | 58.9 | 59.8 | 62.4 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 6    | 30     | 36     | 0.928     | 0.007     | 1.312 | 0.036     | 0.033     | 0         | 58.9 | 59.8 | 58   | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 6    | 40     | 36     | 0.965     | -0.007    | 1.312 | 0.039     | 0.036     | 0         | 58   | 59.3 | 63.2 | 163        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 9   | 6    | 50     | 36     | 0.984     | -0.026    | 1.312 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 63.2 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 7    | 0      | 36     | 1.014     | 0         | 1.312 | 0.039     | 0.036     | 0         | 58.5 | 59.8 | 62.8 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 7    | 10     | 36     | 0.948     | 0.026     | 1.312 | 0.026     | 0.023     | 0         | 58.9 | 59.8 | 61.1 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 7    | 20     | 36     | 0.925     | -0.003    | 1.312 | 0.033     | 0.03      | 0         | 58.5 | 59.3 | 61.1 | 163        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 9   | 7    | 30     | 36     | 0.925     | 0.03      | 1.312 | 0.043     | 0.039     | 0         | 58.5 | 59.8 | 61.9 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 7    | 40     | 36     | 0.925     | 0.026     | 1.312 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 62.8 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 7    | 50     | 36     | 0.968     | 0.016     | 1.312 | 0.043     | 0.039     | 0         | 58.9 | 60.2 | 63.2 | 164        | 167        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 9   | 8    | 0      | 36     | 0.853     | -0.016    | 1.312 | 0.03      | 0.03      | 0         | 58.9 | 60.2 | 58   | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 8    | 10     | 36     | 0.968     | 0.033     | 1.312 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 52.9 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 8    | 20     | 36     | 0.932     | 0.043     | 1.312 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 57.6 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 8    | 30     | 36     | 0.915     | -0.02     | 1.312 | 0.033     | 0.03      | 0         | 58.5 | 60.2 | 57.6 | 164        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 9   | 8    | 40     | 36     | 0.971     | -0.026    | 1.312 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 57.2 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 8    | 50     | 36     | 0.883     | -0.007    | 1.316 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 61.1 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 9    | 0      | 36     | 0.961     | 0.016     | 1.312 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 62.4 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 9    | 10     | 36     | 0.938     | 0.043     | 1.316 | 0.036     | 0.033     | 0         | 58.5 | 60.2 | 62.8 | 163        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 9    | 20     | 36     | 0.886     | 0.056     | 1.316 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 58.9 | 164        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 9    | 30     | 36     | 0.938     | 0.003     | 1.316 | 0.03      | 0.03      | 0         | 59.3 | 60.2 | 63.6 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 9    | 40     | 36     | 1.03      | 0.052     | 1.316 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 63.6 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 9    | 50     | 36     | 0.906     | 0.026     | 1.316 | 0.033     | 0.03      | 0         | 58.9 | 60.6 | 62.8 | 164        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 9   | 10   | 0      | 36     | 0.909     | -0.013    | 1.316 | 0.039     | 0.039     | 0         | 58.9 | 59.3 | 61.5 | 164        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 9   | 10   | 10     | 36     | 0.984     | 0.007     | 1.316 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 60.6 | 165        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 9   | 10   | 20     | 36     | 0.932     | 0.049     | 1.316 | 0.039     | 0.036     | 0         | 59.3 | 60.6 | 64.5 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 10   | 30     | 36     | 0.968     | -0.01     | 1.316 | 0.039     | 0.036     | 0         | 59.3 | 60.6 | 61.5 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 10   | 40     | 36     | 0.928     | -0.016    | 1.316 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 63.6 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 10   | 50     | 36     | 0.935     | -0.02     | 1.316 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 59.8 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 11   | 0      | 36     | 0.961     | 0.026     | 1.316 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 60.2 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 11   | 10     | 36     | 0.932     | -0.03     | 1.316 | 0.03      | 0.03      | 0         | 59.8 | 61.5 | 59.3 | 166        | 169        | 0          | 27     | 26     |
| 2009 | 6     | 9   | 11   | 20     | 36     | 0.965     | 0.013     | 1.316 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 59.8 | 166        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 11   | 30     | 36     | 0.925     | 0.03      | 1.316 | 0.03      | 0.03      | 0         | 60.2 | 61.1 | 57.6 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 11   | 40     | 36     | 0.945     | -0.007    | 1.316 | 0.03      | 0.03      | 0         | 61.1 | 61.5 | 58.5 | 167        | 170        | 0          | 25     | 27     |
| 2009 | 6     | 9   | 11   | 50     | 36     | 0.984     | 0.059     | 1.312 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 57.2 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 12   | 0      | 36     | 0.902     | -0.016    | 1.312 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 57.6 | 167        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 12   | 10     | 36     | 0.951     | 0.043     | 1.312 | 0.033     | 0.03      | 0         | 60.6 | 61.1 | 55.9 | 167        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 12   | 20     | 36     | 0.971     | 0.039     | 1.312 | 0.03      | 0.03      | 0         | 61.1 | 61.5 | 57.2 | 168        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 12   | 30     | 36     | 0.906     | 0.069     | 1.312 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 55.9 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 12   | 40     | 36     | 0.938     | 0.007     | 1.312 | 0.03      | 0.03      | 0         | 60.6 | 61.1 | 50.7 | 167        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 12   | 50     | 36     | 0.951     | -0.023    | 1.316 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 58   | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 13   | 0      | 36     | 0.974     | 0.013     | 1.312 | 0.03      | 0.03      | 0         | 60.2 | 61.5 | 52.5 | 167        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 13   | 10     | 36     | 0.86      | 0         | 1.312 | 0.039     | 0.036     | 0         | 61.1 | 61.5 | 52.9 | 168        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 13   | 20     | 36     | 0.922     | 0.046     | 1.312 | 0.033     | 0.03      | 0         | 60.2 | 61.9 | 56.8 | 167        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 13   | 30     | 36     | 0.876     | 0.033     | 1.309 | 0.033     | 0.03      | 0         | 61.1 | 61.9 | 52.5 | 168        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 13   | 40     | 36     | 0.915     | -0.01     | 1.312 | 0.033     | 0.03      | 0         | 61.1 | 61.9 | 52.9 | 168        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 13   | 50     | 36     | 0.991     | 0.043     | 1.312 | 0.03      | 0.03      | 0         | 61.1 | 61.9 | 55   | 168        | 171        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 14   | 0      | 36     | 0.965     | 0.046     | 1.306 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 48.6 | 167        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 14   | 10     | 36     | 0.928     | 0.023     | 1.309 | 0.033     | 0.03      | 0         | 60.6 | 61.9 | 52.5 | 167        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 14   | 20     | 36     | 0.961     | -0.007    | 1.306 | 0.033     | 0.03      | 0         | 60.6 | 62.4 | 48.6 | 168        | 171        | 0          | 27     | 26     |
| 2009 | 6     | 9   | 14   | 30     | 36     | 0.928     | 0.059     | 1.306 | 0.033     | 0.03      | 0         | 61.1 | 61.9 | 48.2 | 168        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 14   | 40     | 36     | 0.961     | 0.036     | 1.306 | 0.033     | 0.03      | 0         | 60.2 | 61.5 | 43.9 | 167        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 14   | 50     | 36     | 0.935     | 0.033     | 1.302 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 44.7 | 167        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 15   | 0      | 36     | 0.974     | -0.036    | 1.306 | 0.036     | 0.033     | 0         | 60.6 | 61.1 | 50.7 | 167        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 15   | 10     | 36     | 0.912     | -0.01     | 1.306 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 52.9 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 15   | 20     | 36     | 0.965     | 0.052     | 1.302 | 0.033     | 0.03      | 0         | 61.1 | 62.4 | 47.7 | 169        | 171        | 0          | 27     | 26     |
| 2009 | 6     | 9   | 15   | 30     | 36     | 0.928     | 0.016     | 1.302 | 0.03      | 0.03      | 0         | 61.1 | 61.9 | 54.2 | 168        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 15   | 40     | 36     | 0.879     | 0.079     | 1.306 | 0.033     | 0.033     | 0         | 60.6 | 61.9 | 53.3 | 168        | 170        | 0          | 27     | 26     |
| 2009 | 6     | 9   | 15   | 50     | 36     | 0.958     | 0.062     | 1.299 | 0.03      | 0.03      | 0         | 60.2 | 61.5 | 50.3 | 167        | 170        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 9   | 16   | 0      | 36     | 0.866     | 0.003     | 1.302 | 0.03      | 0.03      | 0         | 60.6 | 61.5 | 52   | 167        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 16   | 10     | 36     | 0.886     | 0.072     | 1.302 | 0.036     | 0.033     | 0         | 61.1 | 61.5 | 50.7 | 168        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 16   | 20     | 36     | 0.896     | 0.01      | 1.302 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 50.7 | 167        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 16   | 30     | 36     | 0.925     | 0.039     | 1.302 | 0.033     | 0.03      | 0         | 60.6 | 61.9 | 52.5 | 167        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 16   | 40     | 36     | 0.991     | -0.036    | 1.302 | 0.026     | 0.026     | 0         | 60.2 | 61.5 | 50.7 | 166        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 16   | 50     | 36     | 0.981     | 0.01      | 1.306 | 0.036     | 0.033     | 0         | 60.6 | 61.5 | 55   | 167        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 17   | 0      | 36     | 0.974     | 0.062     | 1.306 | 0.039     | 0.036     | 0         | 61.1 | 61.5 | 55.5 | 168        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 17   | 10     | 36     | 0.958     | 0.046     | 1.309 | 0.033     | 0.03      | 0         | 60.6 | 61.9 | 55.5 | 167        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 17   | 20     | 36     | 0.912     | 0.072     | 1.309 | 0.033     | 0.03      | 0         | 60.6 | 61.9 | 57.2 | 167        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 17   | 30     | 36     | 0.938     | 0.007     | 1.309 | 0.033     | 0.03      | 0         | 60.6 | 61.9 | 57.2 | 167        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 17   | 40     | 36     | 0.899     | -0.059    | 1.309 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 58   | 167        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 17   | 50     | 36     | 1.03      | 0.023     | 1.309 | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 55.9 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 18   | 0      | 36     | 0.928     | 0.007     | 1.312 | 0.033     | 0.03      | 0         | 60.2 | 61.5 | 60.2 | 167        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 18   | 10     | 36     | 0.942     | -0.069    | 1.312 | 0.03      | 0.03      | 0         | 60.2 | 61.5 | 60.2 | 167        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 18   | 20     | 36     | 0.902     | -0.026    | 1.312 | 0.033     | 0.03      | 0         | 60.6 | 61.1 | 61.1 | 167        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 18   | 30     | 36     | 0.928     | 0.046     | 1.306 | 0.036     | 0.033     | 0         | 60.6 | 61.9 | 39.6 | 168        | 170        | 0          | 27     | 26     |
| 2009 | 6     | 9   | 18   | 40     | 36     | 0.942     | 0.043     | 1.306 | 0.033     | 0.03      | 0         | 60.2 | 61.5 | 43.4 | 167        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 18   | 50     | 36     | 0.958     | 0.026     | 1.309 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 53.3 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 19   | 0      | 36     | 1.03      | -0.013    | 1.309 | 0.033     | 0.03      | 0         | 60.2 | 61.5 | 49.5 | 167        | 169        | 0          | 27     | 26     |
| 2009 | 6     | 9   | 19   | 10     | 36     | 0.994     | 0.046     | 1.309 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 52.5 | 167        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 19   | 20     | 36     | 0.909     | 0.01      | 1.312 | 0.033     | 0.03      | 0         | 60.6 | 61.9 | 51.2 | 168        | 170        | 0          | 27     | 26     |
| 2009 | 6     | 9   | 19   | 30     | 36     | 0.876     | 0.043     | 1.312 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 58.5 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 19   | 40     | 36     | 1.014     | -0.056    | 1.312 | 0.033     | 0.03      | 0         | 60.2 | 61.5 | 58   | 167        | 169        | 0          | 27     | 26     |
| 2009 | 6     | 9   | 19   | 50     | 36     | 0.958     | 0.056     | 1.312 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 57.6 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 20   | 0      | 36     | 0.971     | -0.01     | 1.312 | 0.033     | 0.03      | 0         | 60.2 | 61.5 | 59.3 | 167        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 20   | 10     | 36     | 0.928     | -0.02     | 1.312 | 0.036     | 0.033     | 0         | 60.6 | 61.5 | 58.9 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 20   | 20     | 36     | 0.915     | 0         | 1.312 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 61.5 | 167        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 20   | 30     | 36     | 0.997     | -0.013    | 1.316 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 61.1 | 166        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 20   | 40     | 36     | 0.909     | -0.016    | 1.316 | 0.03      | 0.03      | 0         | 60.2 | 61.1 | 62.4 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 20   | 50     | 36     | 0.981     | 0.026     | 1.316 | 0.03      | 0.03      | 0         | 60.2 | 61.1 | 61.9 | 166        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 21   | 0      | 36     | 0.955     | -0.036    | 1.316 | 0.03      | 0.026     | 0         | 60.2 | 61.1 | 62.8 | 166        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 21   | 10     | 36     | 0.994     | 0         | 1.316 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 63.2 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 21   | 20     | 36     | 0.945     | 0.026     | 1.316 | 0.03      | 0.03      | 0         | 59.8 | 61.1 | 63.2 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 21   | 30     | 36     | 0.879     | 0.013     | 1.316 | 0.033     | 0.03      | 0         | 61.1 | 61.5 | 62.4 | 168        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 21   | 40     | 36     | 0.915     | 0.033     | 1.316 | 0.033     | 0.03      | 0         | 60.6 | 61.1 | 62.4 | 168        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 21   | 50     | 36     | 0.922     | -0.026    | 1.316 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 63.2 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 22   | 0      | 36     | 0.958     | 0.033     | 1.316 | 0.03      | 0.03      | 0         | 60.2 | 61.5 | 64.1 | 167        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 22   | 10     | 36     | 0.991     | 0.01      | 1.316 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 63.6 | 167        | 170        | 0          | 27     | 28     |
| 2009 | 6     | 9   | 22   | 20     | 36     | 0.889     | 0.043     | 1.319 | 0.03      | 0.03      | 0         | 60.2 | 60.6 | 63.2 | 167        | 169        | 0          | 27     | 28     |
| 2009 | 6     | 9   | 22   | 30     | 36     | 0.942     | 0.016     | 1.319 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 63.2 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 22   | 40     | 36     | 0.951     | 0.03      | 1.319 | 0.03      | 0.03      | 0         | 60.6 | 61.5 | 61.5 | 167        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 22   | 50     | 36     | 0.925     | 0.049     | 1.319 | 0.033     | 0.03      | 0         | 60.2 | 61.5 | 62.4 | 167        | 169        | 0          | 27     | 26     |
| 2009 | 6     | 9   | 23   | 0      | 36     | 0.922     | -0.003    | 1.319 | 0.036     | 0.033     | 0         | 60.6 | 61.5 | 61.1 | 168        | 169        | 0          | 27     | 26     |
| 2009 | 6     | 9   | 23   | 10     | 36     | 0.945     | 0         | 1.319 | 0.033     | 0.03      | 0         | 60.2 | 60.6 | 60.6 | 167        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 23   | 20     | 36     | 0.902     | -0.016    | 1.319 | 0.03      | 0.03      | 0         | 60.6 | 61.5 | 58   | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 23   | 30     | 36     | 0.906     | 0.046     | 1.319 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 56.3 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 23   | 40     | 36     | 0.948     | 0.026     | 1.319 | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 52.5 | 167        | 169        | 0          | 28     | 27     |
| 2009 | 6     | 9   | 23   | 50     | 36     | 0.928     | 0         | 1.319 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 53.3 | 167        | 169        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 10  | 0    | 0      | 36     | 0.945     | 0.059     | 1.319 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 55   | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 0    | 10     | 36     | 1.004     | 0.01      | 1.322 | 0.039     | 0.036     | 0         | 60.2 | 60.6 | 56.8 | 167        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 0    | 20     | 36     | 0.896     | 0.026     | 1.322 | 0.033     | 0.03      | 0         | 60.2 | 60.6 | 56.3 | 166        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 0    | 30     | 36     | 0.997     | 0.003     | 1.322 | 0.03      | 0.03      | 0         | 59.8 | 60.6 | 57.2 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 0    | 40     | 36     | 0.997     | -0.03     | 1.325 | 0.043     | 0.039     | 0         | 59.3 | 60.2 | 56.3 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 0    | 50     | 36     | 0.86      | -0.049    | 1.329 | 0.026     | 0.023     | 0         | 58.9 | 60.2 | 58.5 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 1    | 0      | 36     | 0.971     | -0.023    | 1.329 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 56.3 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 1    | 10     | 36     | 0.922     | -0.003    | 1.329 | 0.03      | 0.026     | 0         | 59.8 | 60.2 | 55.5 | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 1    | 20     | 36     | 0.974     | 0.013     | 1.332 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 54.6 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 1    | 30     | 36     | 0.984     | 0         | 1.335 | 0.03      | 0.03      | 0         | 59.3 | 59.8 | 57.6 | 165        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 10  | 1    | 40     | 36     | 0.981     | -0.01     | 1.339 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 58.5 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 1    | 50     | 36     | 0.922     | 0.062     | 1.339 | 0.033     | 0.03      | 0         | 59.8 | 60.2 | 58   | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 2    | 0      | 36     | 0.955     | -0.066    | 1.342 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 58.9 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 2    | 10     | 36     | 0.938     | -0.003    | 1.342 | 0.039     | 0.036     | 0         | 59.3 | 59.8 | 59.3 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 2    | 20     | 36     | 0.879     | 0.01      | 1.342 | 0.03      | 0.026     | 0         | 59.8 | 60.2 | 61.1 | 165        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 2    | 30     | 36     | 0.922     | -0.016    | 1.345 | 0.03      | 0.026     | 0         | 59.3 | 59.8 | 61.9 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 2    | 40     | 36     | 0.968     | 0         | 1.345 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 57.6 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 2    | 50     | 36     | 1.043     | 0.016     | 1.345 | 0.036     | 0.033     | 0         | 59.3 | 59.8 | 61.5 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 3    | 0      | 36     | 0.948     | 0.003     | 1.345 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 57.6 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 3    | 10     | 36     | 1.014     | -0.023    | 1.348 | 0.03      | 0.026     | 0         | 58.9 | 59.3 | 61.1 | 164        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 10  | 3    | 20     | 36     | 1.014     | -0.039    | 1.348 | 0.03      | 0.03      | 0         | 59.3 | 59.8 | 56.3 | 165        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 10  | 3    | 30     | 36     | 0.919     | -0.033    | 1.348 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 54.2 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 3    | 40     | 36     | 0.981     | 0.01      | 1.348 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 55.9 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 3    | 50     | 36     | 0.951     | 0.013     | 1.348 | 0.03      | 0.03      | 0         | 59.8 | 60.6 | 52.9 | 165        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 4    | 0      | 36     | 0.919     | -0.066    | 1.348 | 0.03      | 0.026     | 0         | 58.9 | 60.2 | 54.2 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 4    | 10     | 36     | 0.961     | 0.03      | 1.348 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 56.8 | 164        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 10  | 4    | 20     | 36     | 0.981     | -0.033    | 1.352 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 56.8 | 165        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 10  | 4    | 30     | 36     | 0.997     | 0.02      | 1.352 | 0.03      | 0.03      | 0         | 58.9 | 59.8 | 56.8 | 164        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 10  | 4    | 40     | 36     | 0.994     | -0.03     | 1.352 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 56.8 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 4    | 50     | 36     | 0.974     | -0.013    | 1.352 | 0.026     | 0.023     | 0         | 58.9 | 59.3 | 58.5 | 164        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 10  | 5    | 0      | 36     | 0.978     | -0.023    | 1.352 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 60.2 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 5    | 10     | 36     | 0.968     | -0.02     | 1.352 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 55   | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 5    | 20     | 36     | 0.991     | -0.01     | 1.352 | 0.026     | 0.023     | 0         | 58.5 | 59.8 | 57.6 | 163        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 10  | 5    | 30     | 36     | 0.886     | 0.016     | 1.352 | 0.03      | 0.03      | 0         | 58.9 | 59.8 | 56.3 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 5    | 40     | 36     | 0.938     | -0.013    | 1.352 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 57.6 | 164        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 10  | 5    | 50     | 36     | 0.971     | -0.016    | 1.355 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 57.6 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 6    | 0      | 36     | 0.942     | -0.01     | 1.355 | 0.03      | 0.026     | 0         | 58.5 | 59.8 | 56.8 | 164        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 10  | 6    | 10     | 36     | 0.955     | 0.013     | 1.355 | 0.03      | 0.03      | 0         | 58.9 | 59.8 | 57.2 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 6    | 20     | 36     | 0.896     | -0.023    | 1.355 | 0.033     | 0.03      | 0         | 58.5 | 59.3 | 57.2 | 163        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 10  | 6    | 30     | 36     | 0.919     | 0         | 1.355 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 56.3 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 6    | 40     | 36     | 0.958     | -0.03     | 1.358 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 56.3 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 6    | 50     | 36     | 0.889     | -0.01     | 1.355 | 0.03      | 0.03      | 0         | 58.5 | 59.8 | 55.9 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 7    | 0      | 36     | 0.935     | -0.026    | 1.355 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 52   | 163        | 165        | 0          | 27     | 26     |
| 2009 | 6     | 10  | 7    | 10     | 36     | 0.909     | 0.046     | 1.358 | 0.033     | 0.03      | 0         | 58.5 | 59.3 | 54.2 | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 7    | 20     | 36     | 0.935     | 0.023     | 1.358 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 56.3 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 7    | 30     | 36     | 0.922     | 0.007     | 1.358 | 0.03      | 0.026     | 0         | 58.5 | 59.8 | 54.2 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 7    | 40     | 36     | 1.004     | 0.023     | 1.362 | 0.03      | 0.026     | 0         | 58.5 | 59.8 | 54.2 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 7    | 50     | 36     | 0.925     | -0.046    | 1.362 | 0.033     | 0.033     | 0         | 58.5 | 59.8 | 55.9 | 163        | 166        | 0          | 27     | 27     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 10  | 8    | 0      | 36     | 0.932     | 0         | 1.362 | 0.03      | 0.03      | 0         | 58.5 | 59.8 | 54.2 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 8    | 10     | 36     | 0.935     | -0.013    | 1.362 | 0.03      | 0.026     | 0         | 58   | 59.8 | 45.6 | 163        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 10  | 8    | 20     | 36     | 1.001     | 0         | 1.362 | 0.023     | 0.023     | 0         | 58.5 | 59.3 | 42.6 | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 8    | 30     | 36     | 0.961     | 0.059     | 1.362 | 0.03      | 0.026     | 0         | 58.5 | 59.3 | 52.9 | 163        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 10  | 8    | 40     | 36     | 0.997     | 0.013     | 1.365 | 0.03      | 0.026     | 0         | 58.5 | 59.8 | 41.7 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 8    | 50     | 36     | 1.03      | -0.013    | 1.362 | 0.026     | 0.023     | 0         | 58.5 | 59.3 | 49.5 | 163        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 10  | 9    | 0      | 36     | 0.922     | 0.003     | 1.365 | 0.03      | 0.03      | 0         | 58.5 | 59.8 | 45.2 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 9    | 10     | 36     | 0.938     | -0.036    | 1.365 | 0.026     | 0.023     | 0         | 58.5 | 59.8 | 43   | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 9    | 20     | 36     | 0.935     | 0         | 1.365 | 0.033     | 0.03      | 0         | 58.5 | 60.2 | 42.6 | 163        | 166        | 0          | 27     | 26     |
| 2009 | 6     | 10  | 9    | 30     | 36     | 0.991     | -0.033    | 1.368 | 0.033     | 0.033     | 0         | 58.5 | 59.3 | 40.9 | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 9    | 40     | 36     | 0.899     | 0.046     | 1.365 | 0.026     | 0.023     | 0         | 58.9 | 59.8 | 55   | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 9    | 50     | 36     | 0.935     | 0.03      | 1.365 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 53.3 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 10   | 0      | 36     | 0.869     | -0.023    | 1.365 | 0.026     | 0.023     | 0         | 58.5 | 59.8 | 55.5 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 10   | 10     | 36     | 0.922     | -0.069    | 1.368 | 0.03      | 0.03      | 0         | 58.9 | 59.8 | 51.2 | 163        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 10   | 20     | 36     | 0.958     | 0.033     | 1.368 | 0.03      | 0.03      | 0         | 58.5 | 59.8 | 56.3 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 10   | 30     | 36     | 0.994     | -0.01     | 1.368 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 55   | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 10   | 44     | 57     | 0.945     | -0.075    | 1.368 | 0.033     | 0.03      | 0         | 58.5 | 60.2 | 57.2 | 163        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 10   | 54     | 57     | 0.876     | -0.007    | 1.368 | 0.026     | 0.023     | 0         | 59.8 | 60.6 | 52.9 | 164        | 167        | 0          | 25     | 26     |
| 2009 | 6     | 10  | 11   | 4      | 57     | 0.942     | 0.03      | 1.368 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 54.2 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 11   | 14     | 57     | 0.984     | 0         | 1.371 | 0.03      | 0.026     | 0         | 58.9 | 60.2 | 56.8 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 11   | 24     | 57     | 0.912     | 0.003     | 1.371 | 0.026     | 0.023     | 0         | 58.5 | 60.2 | 57.6 | 164        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 10  | 11   | 34     | 57     | 0.935     | -0.036    | 1.375 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 56.3 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 11   | 44     | 57     | 0.925     | -0.007    | 1.371 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 55.5 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 11   | 54     | 57     | 0.932     | 0         | 1.375 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 60.2 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 12   | 4      | 57     | 0.925     | 0.013     | 1.375 | 0.026     | 0.026     | 0         | 58.9 | 60.2 | 58.5 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 12   | 14     | 57     | 0.948     | -0.033    | 1.375 | 0.03      | 0.03      | 0         | 59.3 | 60.2 | 59.3 | 164        | 166        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 12   | 24     | 57     | 1.004     | -0.023    | 1.375 | 0.03      | 0.026     | 0         | 59.3 | 60.6 | 57.6 | 165        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 10  | 12   | 34     | 57     | 0.945     | -0.03     | 1.375 | 0.026     | 0.023     | 0         | 59.3 | 60.6 | 56.8 | 165        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 10  | 12   | 44     | 57     | 0.961     | 0         | 1.375 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 57.2 | 164        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 12   | 54     | 57     | 0.935     | 0.052     | 1.375 | 0.033     | 0.03      | 0         | 59.3 | 61.1 | 57.2 | 165        | 168        | 0          | 27     | 26     |
| 2009 | 6     | 10  | 13   | 4      | 57     | 0.925     | 0.003     | 1.378 | 0.03      | 0.03      | 0         | 59.3 | 60.2 | 59.8 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 13   | 14     | 57     | 0.915     | 0.046     | 1.378 | 0.03      | 0.026     | 0         | 59.3 | 60.6 | 59.3 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 13   | 24     | 57     | 0.912     | 0.016     | 1.378 | 0.03      | 0.026     | 0         | 59.8 | 60.2 | 59.3 | 165        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 13   | 34     | 57     | 0.961     | 0.007     | 1.378 | 0.03      | 0.026     | 0         | 59.8 | 61.1 | 57.2 | 165        | 168        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 13   | 44     | 57     | 0.899     | -0.033    | 1.378 | 0.026     | 0.026     | 0         | 59.3 | 61.1 | 56.8 | 164        | 168        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 13   | 54     | 57     | 0.873     | -0.062    | 1.378 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 56.8 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 14   | 4      | 57     | 0.928     | -0.016    | 1.378 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 54.6 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 14   | 14     | 57     | 0.978     | -0.007    | 1.381 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 58   | 164        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 14   | 24     | 57     | 0.951     | 0.02      | 1.381 | 0.03      | 0.026     | 0         | 59.3 | 60.6 | 56.8 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 14   | 34     | 57     | 1.007     | 0.007     | 1.381 | 0.03      | 0.026     | 0         | 59.8 | 61.1 | 58   | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 14   | 44     | 57     | 0.948     | -0.013    | 1.381 | 0.03      | 0.026     | 0         | 59.8 | 60.6 | 52.5 | 165        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 14   | 54     | 57     | 0.965     | 0.023     | 1.381 | 0.026     | 0.023     | 0         | 59.8 | 61.1 | 52.5 | 165        | 168        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 15   | 4      | 57     | 0.958     | 0.046     | 1.381 | 0.026     | 0.023     | 0         | 60.2 | 61.5 | 51.6 | 166        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 15   | 14     | 57     | 1.007     | 0.043     | 1.385 | 0.026     | 0.023     | 0         | 59.8 | 60.6 | 49   | 165        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 15   | 24     | 57     | 0.961     | 0.013     | 1.381 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 40   | 165        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 15   | 34     | 57     | 0.958     | 0.033     | 1.381 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 40.4 | 165        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 15   | 44     | 57     | 0.912     | 0.013     | 1.385 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 54.2 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 15   | 54     | 57     | 0.935     | 0.03      | 1.385 | 0.03      | 0.026     | 0         | 59.8 | 61.1 | 60.6 | 165        | 169        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 10  | 16   | 4      | 57     | 0.938     | 0.033     | 1.385 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 58   | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 16   | 14     | 57     | 0.896     | -0.033    | 1.388 | 0.026     | 0.023     | 0         | 59.8 | 60.6 | 60.6 | 165        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 16   | 24     | 57     | 0.909     | 0         | 1.385 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 57.2 | 164        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 16   | 34     | 57     | 0.935     | -0.026    | 1.385 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 56.3 | 164        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 16   | 44     | 57     | 0.961     | -0.03     | 1.385 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 56.3 | 164        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 16   | 54     | 57     | 0.902     | 0.02      | 1.385 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 57.6 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 17   | 4      | 57     | 0.896     | 0         | 1.385 | 0.03      | 0.026     | 0         | 59.3 | 60.6 | 57.6 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 17   | 14     | 57     | 0.846     | 0.013     | 1.385 | 0.033     | 0.03      | 0         | 58.9 | 60.6 | 58.9 | 164        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 10  | 17   | 24     | 57     | 0.955     | 0.01      | 1.388 | 0.036     | 0.033     | 0         | 58.9 | 60.2 | 60.6 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 17   | 34     | 57     | 0.902     | 0.013     | 1.385 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 55   | 164        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 10  | 17   | 44     | 57     | 0.948     | -0.016    | 1.385 | 0.023     | 0.023     | 0         | 59.8 | 60.6 | 41.3 | 165        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 17   | 54     | 57     | 0.981     | 0.03      | 1.378 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 45.2 | 166        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 18   | 4      | 57     | 1.02      | 0         | 1.385 | 0.033     | 0.03      | 0         | 59.3 | 61.1 | 50.3 | 165        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 18   | 14     | 57     | 0.971     | -0.013    | 1.385 | 0.03      | 0.026     | 0         | 59.8 | 60.6 | 49.9 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 18   | 24     | 57     | 1.004     | -0.036    | 1.381 | 0.039     | 0.039     | 0         | 59.3 | 60.6 | 43.4 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 18   | 34     | 57     | 0.984     | 0.007     | 1.381 | 0.03      | 0.03      | 0         | 59.8 | 60.6 | 36.5 | 165        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 18   | 44     | 57     | 0.928     | -0.069    | 1.385 | 0.03      | 0.026     | 0         | 59.3 | 60.6 | 43   | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 18   | 54     | 57     | 1.001     | 0.013     | 1.385 | 0.033     | 0.03      | 0         | 59.3 | 61.1 | 42.6 | 165        | 168        | 0          | 27     | 26     |
| 2009 | 6     | 10  | 19   | 4      | 57     | 1.001     | 0.02      | 1.388 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 48.2 | 165        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 19   | 14     | 57     | 0.945     | 0.069     | 1.391 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 58.9 | 164        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 19   | 24     | 57     | 1.01      | 0.01      | 1.391 | 0.03      | 0.026     | 0         | 58.9 | 61.1 | 61.1 | 164        | 168        | 0          | 27     | 26     |
| 2009 | 6     | 10  | 19   | 34     | 57     | 0.922     | -0.013    | 1.388 | 0.03      | 0.03      | 0         | 59.3 | 60.6 | 62.4 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 19   | 44     | 57     | 0.912     | 0.02      | 1.391 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 63.2 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 19   | 54     | 57     | 0.948     | 0.01      | 1.391 | 0.026     | 0.023     | 0         | 59.3 | 61.1 | 61.1 | 165        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 20   | 4      | 57     | 1.004     | -0.03     | 1.391 | 0.03      | 0.03      | 0         | 59.3 | 61.1 | 63.2 | 164        | 168        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 20   | 14     | 57     | 0.971     | -0.046    | 1.391 | 0.026     | 0.023     | 0         | 59.3 | 60.6 | 61.5 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 20   | 24     | 57     | 0.932     | 0.007     | 1.391 | 0.033     | 0.03      | 0         | 58.9 | 60.6 | 62.8 | 164        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 20   | 34     | 57     | 0.915     | -0.016    | 1.391 | 0.033     | 0.03      | 0         | 58.9 | 61.1 | 62.8 | 165        | 169        | 0          | 28     | 27     |
| 2009 | 6     | 10  | 20   | 44     | 57     | 0.991     | -0.007    | 1.391 | 0.039     | 0.036     | 0         | 59.3 | 60.6 | 63.2 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 20   | 54     | 57     | 0.961     | 0.007     | 1.391 | 0.03      | 0.026     | 0         | 59.3 | 60.6 | 63.6 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 21   | 4      | 57     | 0.951     | 0         | 1.391 | 0.03      | 0.03      | 0         | 59.3 | 60.2 | 63.6 | 165        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 10  | 21   | 14     | 57     | 0.938     | -0.046    | 1.391 | 0.03      | 0.026     | 0         | 59.3 | 61.1 | 62.8 | 165        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 21   | 24     | 57     | 1.007     | -0.046    | 1.391 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 63.2 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 21   | 34     | 57     | 0.981     | 0.069     | 1.391 | 0.03      | 0.026     | 0         | 58.9 | 60.6 | 62.8 | 164        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 21   | 44     | 57     | 0.928     | -0.01     | 1.391 | 0.03      | 0.03      | 0         | 59.3 | 60.6 | 63.2 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 21   | 54     | 57     | 0.955     | -0.062    | 1.391 | 0.026     | 0.023     | 0         | 59.3 | 60.6 | 62.8 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 22   | 4      | 57     | 0.978     | -0.046    | 1.391 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 61.9 | 164        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 22   | 14     | 57     | 0.938     | 0.036     | 1.391 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 62.8 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 22   | 24     | 57     | 0.965     | -0.03     | 1.391 | 0.03      | 0.03      | 0         | 58.9 | 60.2 | 62.8 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 22   | 34     | 57     | 0.961     | 0.023     | 1.391 | 0.03      | 0.026     | 0         | 58.9 | 60.6 | 61.9 | 164        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 22   | 44     | 57     | 0.961     | -0.007    | 1.391 | 0.026     | 0.023     | 0         | 58.5 | 60.2 | 62.8 | 164        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 10  | 22   | 54     | 57     | 0.925     | -0.016    | 1.391 | 0.03      | 0.03      | 0         | 58.5 | 60.6 | 61.5 | 163        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 10  | 23   | 4      | 57     | 0.958     | 0.013     | 1.391 | 0.039     | 0.036     | 0         | 58.9 | 60.6 | 61.5 | 164        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 23   | 14     | 57     | 0.974     | -0.062    | 1.391 | 0.026     | 0.023     | 0         | 58.9 | 60.6 | 58.5 | 164        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 23   | 24     | 57     | 0.883     | -0.013    | 1.391 | 0.033     | 0.03      | 0         | 58.9 | 60.6 | 41.7 | 164        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 23   | 34     | 57     | 0.925     | 0.007     | 1.388 | 0.023     | 0.023     | 0         | 59.3 | 60.6 | 40   | 164        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 23   | 44     | 57     | 0.971     | -0.03     | 1.388 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 37.8 | 165        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 10  | 23   | 54     | 57     | 0.915     | 0.036     | 1.388 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 39.6 | 164        | 167        | 0          | 27     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 11  | 0    | 4      | 57     | 0.951     | -0.079    | 1.388 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 40.9 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 0    | 14     | 57     | 0.942     | 0.059     | 1.388 | 0.03      | 0.03      | 0         | 59.3 | 60.6 | 41.7 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 0    | 24     | 57     | 0.948     | 0.02      | 1.388 | 0.03      | 0.03      | 0         | 59.3 | 60.2 | 45.6 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 0    | 34     | 57     | 0.981     | 0         | 1.391 | 0.03      | 0.026     | 0         | 59.3 | 60.6 | 60.6 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 0    | 44     | 57     | 0.909     | 0         | 1.391 | 0.03      | 0.026     | 0         | 58.9 | 60.2 | 59.8 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 0    | 54     | 57     | 0.961     | 0.013     | 1.391 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 59.3 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 1    | 4      | 57     | 0.942     | 0.003     | 1.391 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 59.3 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 1    | 14     | 57     | 0.951     | 0         | 1.391 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 58.5 | 164        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 11  | 1    | 24     | 57     | 0.938     | -0.01     | 1.391 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 60.6 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 1    | 34     | 57     | 0.932     | 0.059     | 1.391 | 0.03      | 0.026     | 0         | 58.9 | 59.3 | 61.1 | 164        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 11  | 1    | 44     | 57     | 0.961     | -0.023    | 1.391 | 0.036     | 0.033     | 0         | 58.9 | 60.2 | 61.1 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 1    | 54     | 57     | 0.919     | -0.039    | 1.391 | 0.026     | 0.023     | 0         | 59.3 | 60.2 | 60.2 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 2    | 4      | 57     | 0.968     | 0.013     | 1.391 | 0.03      | 0.026     | 0         | 58.5 | 59.8 | 61.5 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 2    | 14     | 57     | 0.965     | -0.023    | 1.391 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 61.1 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 2    | 24     | 57     | 0.922     | -0.03     | 1.391 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 58.9 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 2    | 34     | 57     | 0.978     | 0.043     | 1.391 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 59.3 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 2    | 44     | 57     | 0.965     | -0.003    | 1.391 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 58.5 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 2    | 54     | 57     | 1.027     | -0.003    | 1.391 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 61.1 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 3    | 4      | 57     | 0.892     | -0.003    | 1.391 | 0.03      | 0.026     | 0         | 58   | 59.8 | 61.5 | 163        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 11  | 3    | 14     | 57     | 0.896     | -0.056    | 1.391 | 0.03      | 0.03      | 0         | 58.5 | 59.3 | 60.6 | 163        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 11  | 3    | 24     | 57     | 0.994     | 0.01      | 1.391 | 0.033     | 0.03      | 0         | 58.9 | 59.3 | 60.6 | 164        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 11  | 3    | 34     | 57     | 0.935     | 0.01      | 1.391 | 0.023     | 0.023     | 0         | 58.5 | 59.8 | 62.4 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 3    | 44     | 57     | 1.001     | -0.02     | 1.391 | 0.03      | 0.03      | 0         | 58.5 | 59.8 | 61.1 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 3    | 54     | 57     | 0.892     | -0.062    | 1.391 | 0.026     | 0.023     | 0         | 58.5 | 59.8 | 60.6 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 4    | 4      | 57     | 0.994     | 0.016     | 1.391 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 60.2 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 4    | 14     | 57     | 0.919     | -0.036    | 1.391 | 0.03      | 0.026     | 0         | 58.5 | 59.3 | 61.5 | 163        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 11  | 4    | 24     | 57     | 0.961     | 0         | 1.391 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 62.4 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 4    | 34     | 57     | 0.965     | -0.013    | 1.391 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 62.8 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 4    | 44     | 57     | 0.938     | -0.072    | 1.391 | 0.03      | 0.03      | 0         | 58.5 | 59.8 | 62.8 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 4    | 54     | 57     | 1.014     | 0         | 1.391 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 61.9 | 163        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 5    | 4      | 57     | 0.965     | -0.007    | 1.391 | 0.03      | 0.026     | 0         | 58   | 59.8 | 62.4 | 163        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 11  | 5    | 14     | 57     | 0.922     | 0         | 1.391 | 0.03      | 0.026     | 0         | 58.5 | 59.8 | 63.2 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 5    | 24     | 57     | 0.991     | -0.026    | 1.391 | 0.03      | 0.026     | 0         | 58.5 | 59.3 | 62.8 | 163        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 11  | 5    | 34     | 57     | 0.919     | -0.007    | 1.391 | 0.03      | 0.026     | 0         | 58.9 | 59.3 | 61.9 | 164        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 11  | 5    | 44     | 57     | 1.007     | -0.003    | 1.394 | 0.033     | 0.033     | 0         | 58   | 59.8 | 62.4 | 163        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 11  | 5    | 54     | 57     | 0.948     | -0.036    | 1.394 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 63.2 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 6    | 4      | 57     | 0.958     | -0.003    | 1.394 | 0.033     | 0.03      | 0         | 58.5 | 59.3 | 63.2 | 163        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 11  | 6    | 14     | 57     | 0.879     | -0.059    | 1.394 | 0.03      | 0.03      | 0         | 58   | 59.3 | 63.2 | 162        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 6    | 24     | 57     | 0.896     | 0.023     | 1.394 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 62.4 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 6    | 34     | 57     | 0.955     | -0.023    | 1.394 | 0.033     | 0.033     | 0         | 58.5 | 59.3 | 63.2 | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 6    | 44     | 57     | 0.965     | 0.007     | 1.394 | 0.03      | 0.026     | 0         | 58   | 59.3 | 62.4 | 163        | 165        | 0          | 28     | 27     |
| 2009 | 6     | 11  | 6    | 54     | 57     | 0.978     | -0.016    | 1.394 | 0.033     | 0.03      | 0         | 58   | 58.9 | 62.8 | 162        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 11  | 7    | 4      | 57     | 0.902     | 0.039     | 1.394 | 0.033     | 0.03      | 0         | 58   | 60.2 | 60.6 | 162        | 166        | 0          | 27     | 26     |
| 2009 | 6     | 11  | 7    | 14     | 57     | 0.971     | 0.03      | 1.394 | 0.036     | 0.033     | 0         | 58   | 58.9 | 63.2 | 162        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 11  | 7    | 24     | 57     | 0.938     | -0.023    | 1.394 | 0.03      | 0.026     | 0         | 58   | 59.3 | 62.8 | 162        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 7    | 34     | 57     | 0.948     | 0.007     | 1.394 | 0.03      | 0.026     | 0         | 58   | 59.3 | 62.8 | 162        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 7    | 44     | 57     | 0.994     | 0.066     | 1.394 | 0.033     | 0.03      | 0         | 58   | 59.3 | 61.9 | 162        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 7    | 54     | 57     | 0.909     | -0.003    | 1.394 | 0.03      | 0.026     | 0         | 58   | 58.9 | 60.6 | 162        | 165        | 0          | 27     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 11  | 8    | 4      | 57     | 0.997     | 0.007     | 1.394 | 0.033     | 0.033     | 0         | 58   | 58.9 | 58   | 162        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 11  | 8    | 14     | 57     | 0.961     | -0.016    | 1.394 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 58.5 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 8    | 24     | 57     | 0.915     | -0.01     | 1.394 | 0.03      | 0.026     | 0         | 57.6 | 59.8 | 58.9 | 162        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 11  | 8    | 34     | 57     | 0.994     | 0         | 1.394 | 0.03      | 0.026     | 0         | 58.5 | 59.3 | 57.6 | 163        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 11  | 8    | 44     | 57     | 0.965     | -0.003    | 1.394 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 55.9 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 8    | 54     | 57     | 0.984     | -0.033    | 1.394 | 0.03      | 0.03      | 0         | 58.5 | 59.8 | 55.5 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 9    | 4      | 57     | 0.945     | 0.013     | 1.394 | 0.03      | 0.026     | 0         | 58   | 59.8 | 57.6 | 163        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 11  | 9    | 14     | 57     | 0.899     | -0.02     | 1.398 | 0.026     | 0.023     | 0         | 58.9 | 60.6 | 57.6 | 164        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 9    | 24     | 57     | 0.958     | -0.036    | 1.394 | 0.026     | 0.023     | 0         | 58.5 | 59.8 | 56.8 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 9    | 34     | 57     | 0.925     | 0.007     | 1.398 | 0.03      | 0.03      | 0         | 58   | 59.8 | 58.9 | 162        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 9    | 44     | 57     | 0.909     | -0.016    | 1.394 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 61.5 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 9    | 54     | 57     | 1.004     | 0.056     | 1.398 | 0.03      | 0.026     | 0         | 58.5 | 59.3 | 62.8 | 163        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 11  | 10   | 4      | 57     | 0.915     | -0.043    | 1.394 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 61.1 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 10   | 14     | 57     | 0.994     | -0.03     | 1.398 | 0.03      | 0.03      | 0         | 58.5 | 59.8 | 60.2 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 10   | 24     | 57     | 0.902     | -0.036    | 1.398 | 0.03      | 0.026     | 0         | 58.5 | 60.2 | 56.8 | 163        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 10   | 34     | 57     | 0.909     | -0.03     | 1.398 | 0.03      | 0.026     | 0         | 58.9 | 60.2 | 61.9 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 10   | 44     | 57     | 0.955     | 0.03      | 1.398 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 58.5 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 10   | 54     | 57     | 0.925     | 0.007     | 1.398 | 0.03      | 0.026     | 0         | 58.9 | 60.6 | 61.1 | 164        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 11   | 4      | 57     | 0.965     | -0.023    | 1.398 | 0.033     | 0.03      | 0         | 58.9 | 60.6 | 59.8 | 164        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 11   | 14     | 57     | 0.958     | 0         | 1.398 | 0.033     | 0.03      | 0         | 58.9 | 60.6 | 61.5 | 164        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 11   | 24     | 57     | 0.974     | -0.013    | 1.398 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 60.6 | 165        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 11   | 34     | 57     | 0.932     | 0.033     | 1.398 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 60.2 | 165        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 11   | 44     | 57     | 1.004     | -0.01     | 1.398 | 0.026     | 0.023     | 0         | 59.8 | 61.1 | 58.9 | 165        | 168        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 11   | 54     | 57     | 0.991     | -0.046    | 1.398 | 0.03      | 0.03      | 0         | 59.3 | 61.1 | 59.3 | 165        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 12   | 4      | 57     | 0.984     | -0.046    | 1.398 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 60.6 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 12   | 14     | 57     | 0.935     | 0.01      | 1.398 | 0.03      | 0.026     | 0         | 59.3 | 61.5 | 60.2 | 165        | 169        | 0          | 27     | 26     |
| 2009 | 6     | 11  | 12   | 24     | 57     | 0.971     | 0.016     | 1.398 | 0.026     | 0.023     | 0         | 59.3 | 61.5 | 58.9 | 165        | 169        | 0          | 27     | 26     |
| 2009 | 6     | 11  | 12   | 34     | 57     | 0.899     | 0         | 1.398 | 0.03      | 0.026     | 0         | 58.9 | 61.1 | 61.1 | 164        | 168        | 0          | 27     | 26     |
| 2009 | 6     | 11  | 12   | 44     | 57     | 1.014     | 0.043     | 1.398 | 0.033     | 0.03      | 0         | 59.3 | 61.1 | 60.6 | 164        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 12   | 54     | 57     | 0.945     | 0.033     | 1.398 | 0.026     | 0.023     | 0         | 59.3 | 61.1 | 59.8 | 165        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 13   | 4      | 57     | 0.968     | 0.03      | 1.398 | 0.026     | 0.023     | 0         | 59.3 | 61.5 | 60.6 | 165        | 169        | 0          | 27     | 26     |
| 2009 | 6     | 11  | 13   | 14     | 57     | 0.938     | -0.016    | 1.401 | 0.026     | 0.023     | 0         | 59.8 | 61.1 | 60.2 | 165        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 13   | 24     | 57     | 0.922     | 0.01      | 1.401 | 0.033     | 0.03      | 0         | 59.8 | 61.5 | 61.5 | 165        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 13   | 34     | 57     | 0.965     | 0.059     | 1.401 | 0.03      | 0.026     | 0         | 59.8 | 61.5 | 61.9 | 165        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 13   | 44     | 57     | 0.945     | 0.016     | 1.401 | 0.036     | 0.033     | 0         | 59.8 | 61.5 | 56.8 | 165        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 13   | 54     | 57     | 0.942     | 0.026     | 1.401 | 0.026     | 0.023     | 0         | 59.3 | 61.1 | 53.8 | 165        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 14   | 4      | 57     | 0.922     | 0.026     | 1.401 | 0.03      | 0.03      | 0         | 59.8 | 61.9 | 65.4 | 165        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 14   | 14     | 57     | 0.978     | -0.03     | 1.401 | 0.026     | 0.023     | 0         | 59.8 | 61.1 | 57.2 | 165        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 14   | 24     | 57     | 0.932     | -0.026    | 1.401 | 0.026     | 0.023     | 0         | 59.3 | 61.1 | 62.4 | 165        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 14   | 34     | 57     | 0.928     | 0         | 1.401 | 0.03      | 0.026     | 0         | 59.8 | 61.5 | 60.2 | 165        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 14   | 44     | 57     | 0.951     | -0.007    | 1.401 | 0.03      | 0.026     | 0         | 59.8 | 61.5 | 63.2 | 165        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 14   | 54     | 57     | 0.948     | 0.036     | 1.401 | 0.03      | 0.026     | 0         | 59.8 | 61.5 | 60.6 | 165        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 15   | 4      | 57     | 0.942     | -0.003    | 1.398 | 0.033     | 0.03      | 0         | 59.3 | 61.5 | 58   | 165        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 15   | 14     | 57     | 0.948     | 0.03      | 1.398 | 0.036     | 0.033     | 0         | 59.8 | 61.1 | 56.8 | 165        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 15   | 24     | 57     | 0.961     | 0.039     | 1.398 | 0.03      | 0.03      | 0         | 59.8 | 61.1 | 58   | 165        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 15   | 34     | 57     | 1.017     | 0         | 1.398 | 0.033     | 0.03      | 0         | 59.3 | 61.9 | 58   | 165        | 170        | 0          | 27     | 26     |
| 2009 | 6     | 11  | 15   | 44     | 57     | 0.928     | 0.036     | 1.394 | 0.033     | 0.03      | 0         | 59.8 | 61.9 | 56.8 | 165        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 15   | 54     | 57     | 0.935     | 0.046     | 1.394 | 0.03      | 0.03      | 0         | 59.8 | 61.5 | 55.5 | 166        | 170        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 11  | 16   | 4      | 57     | 0.892     | -0.007    | 1.394 | 0.033     | 0.03      | 0         | 59.8 | 61.9 | 56.8 | 165        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 16   | 14     | 57     | 0.971     | 0.052     | 1.394 | 0.033     | 0.03      | 0         | 59.8 | 61.9 | 54.2 | 165        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 16   | 24     | 57     | 0.928     | -0.016    | 1.394 | 0.033     | 0.03      | 0         | 59.8 | 61.5 | 53.3 | 165        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 16   | 34     | 57     | 0.955     | 0.02      | 1.394 | 0.033     | 0.03      | 0         | 59.8 | 61.9 | 55.5 | 165        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 16   | 44     | 57     | 0.932     | -0.046    | 1.391 | 0.033     | 0.03      | 0         | 59.8 | 61.9 | 55.5 | 165        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 16   | 54     | 57     | 1.004     | -0.036    | 1.391 | 0.03      | 0.026     | 0         | 59.8 | 61.1 | 56.3 | 165        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 17   | 4      | 57     | 0.974     | 0         | 1.391 | 0.026     | 0.023     | 0         | 59.3 | 61.5 | 56.8 | 165        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 17   | 14     | 57     | 0.948     | 0.03      | 1.391 | 0.033     | 0.03      | 0         | 59.8 | 61.9 | 57.2 | 165        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 17   | 24     | 57     | 0.896     | -0.013    | 1.391 | 0.03      | 0.026     | 0         | 59.3 | 61.9 | 55   | 165        | 170        | 0          | 27     | 26     |
| 2009 | 6     | 11  | 17   | 34     | 57     | 0.909     | -0.016    | 1.391 | 0.03      | 0.03      | 0         | 59.3 | 61.9 | 55.9 | 165        | 170        | 0          | 27     | 26     |
| 2009 | 6     | 11  | 17   | 44     | 57     | 0.945     | 0.03      | 1.391 | 0.03      | 0.026     | 0         | 59.8 | 61.9 | 55.5 | 165        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 17   | 54     | 57     | 0.997     | 0.03      | 1.391 | 0.026     | 0.023     | 0         | 59.3 | 61.9 | 56.8 | 165        | 170        | 0          | 27     | 26     |
| 2009 | 6     | 11  | 18   | 4      | 57     | 0.922     | 0.072     | 1.388 | 0.03      | 0.026     | 0         | 59.3 | 61.5 | 54.2 | 165        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 18   | 14     | 57     | 0.942     | 0.003     | 1.388 | 0.03      | 0.026     | 0         | 60.2 | 61.5 | 55.5 | 166        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 18   | 24     | 57     | 0.965     | 0.092     | 1.388 | 0.03      | 0.026     | 0         | 59.8 | 61.5 | 55   | 165        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 18   | 34     | 57     | 0.984     | 0         | 1.388 | 0.03      | 0.03      | 0         | 59.8 | 61.5 | 55   | 165        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 18   | 44     | 57     | 0.981     | 0.003     | 1.388 | 0.026     | 0.023     | 0         | 59.8 | 61.5 | 55   | 165        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 18   | 54     | 57     | 1.017     | 0.03      | 1.388 | 0.033     | 0.03      | 0         | 59.3 | 61.9 | 57.6 | 165        | 170        | 0          | 27     | 26     |
| 2009 | 6     | 11  | 19   | 4      | 57     | 0.922     | 0         | 1.388 | 0.033     | 0.033     | 0         | 59.3 | 61.9 | 56.8 | 165        | 170        | 0          | 27     | 26     |
| 2009 | 6     | 11  | 19   | 14     | 57     | 0.938     | 0.023     | 1.388 | 0.03      | 0.026     | 0         | 59.8 | 61.5 | 54.2 | 165        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 19   | 24     | 57     | 0.942     | 0         | 1.388 | 0.03      | 0.03      | 0         | 59.8 | 61.5 | 56.8 | 165        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 19   | 34     | 57     | 0.981     | 0.039     | 1.388 | 0.033     | 0.03      | 0         | 59.3 | 61.9 | 57.2 | 165        | 170        | 0          | 27     | 26     |
| 2009 | 6     | 11  | 19   | 44     | 57     | 0.997     | 0.039     | 1.388 | 0.03      | 0.026     | 0         | 59.3 | 61.5 | 58.5 | 164        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 19   | 54     | 57     | 0.951     | -0.033    | 1.388 | 0.03      | 0.03      | 0         | 60.2 | 61.5 | 59.3 | 166        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 20   | 4      | 57     | 0.951     | 0.03      | 1.388 | 0.033     | 0.03      | 0         | 61.5 | 61.5 | 59.3 | 169        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 20   | 14     | 57     | 0.955     | -0.007    | 1.388 | 0.03      | 0.03      | 0         | 61.1 | 61.5 | 60.2 | 169        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 20   | 24     | 57     | 0.945     | 0.026     | 1.388 | 0.03      | 0.026     | 0         | 60.6 | 61.5 | 60.2 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 20   | 34     | 57     | 0.942     | 0.069     | 1.385 | 0.033     | 0.03      | 0         | 61.5 | 61.9 | 60.2 | 169        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 20   | 44     | 57     | 0.965     | 0.056     | 1.385 | 0.033     | 0.03      | 0         | 61.1 | 61.5 | 59.8 | 169        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 20   | 54     | 57     | 0.938     | 0.043     | 1.385 | 0.039     | 0.036     | 0         | 61.5 | 61.9 | 58.9 | 170        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 21   | 4      | 57     | 1.01      | 0.069     | 1.385 | 0.03      | 0.026     | 0         | 62.4 | 62.8 | 59.3 | 171        | 172        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 21   | 14     | 57     | 0.938     | -0.026    | 1.385 | 0.033     | 0.03      | 0         | 61.5 | 61.9 | 59.8 | 170        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 21   | 24     | 57     | 0.965     | -0.016    | 1.385 | 0.033     | 0.03      | 0         | 61.5 | 61.9 | 58.9 | 170        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 21   | 34     | 57     | 0.991     | 0         | 1.385 | 0.03      | 0.03      | 0         | 61.1 | 61.5 | 58   | 169        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 21   | 44     | 57     | 0.919     | 0.003     | 1.385 | 0.03      | 0.026     | 0         | 61.5 | 61.9 | 58.9 | 170        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 21   | 54     | 57     | 0.974     | 0.049     | 1.385 | 0.03      | 0.026     | 0         | 61.1 | 61.9 | 58.5 | 169        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 22   | 4      | 57     | 0.955     | -0.02     | 1.385 | 0.03      | 0.03      | 0         | 61.1 | 61.5 | 59.3 | 169        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 22   | 14     | 57     | 0.938     | 0.069     | 1.385 | 0.03      | 0.03      | 0         | 60.6 | 61.5 | 60.2 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 22   | 24     | 57     | 0.958     | 0.013     | 1.385 | 0.03      | 0.026     | 0         | 60.6 | 61.9 | 60.2 | 168        | 170        | 0          | 27     | 26     |
| 2009 | 6     | 11  | 22   | 34     | 57     | 0.958     | 0         | 1.385 | 0.026     | 0.023     | 0         | 60.6 | 61.5 | 58.9 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 22   | 44     | 57     | 1.004     | 0.02      | 1.385 | 0.033     | 0.03      | 0         | 61.1 | 61.5 | 59.3 | 169        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 22   | 54     | 57     | 0.902     | 0.059     | 1.385 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 59.3 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 23   | 4      | 57     | 0.971     | 0.072     | 1.385 | 0.033     | 0.033     | 0         | 60.2 | 61.1 | 60.6 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 23   | 14     | 57     | 0.932     | 0.023     | 1.385 | 0.03      | 0.026     | 0         | 61.1 | 61.5 | 59.8 | 168        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 23   | 24     | 57     | 0.994     | 0.043     | 1.385 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 60.2 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 23   | 34     | 57     | 0.988     | 0.03      | 1.381 | 0.03      | 0.026     | 0         | 60.2 | 61.1 | 58.5 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 23   | 44     | 57     | 0.971     | -0.013    | 1.381 | 0.03      | 0.026     | 0         | 60.2 | 61.1 | 59.8 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 23   | 54     | 57     | 0.958     | 0.007     | 1.381 | 0.026     | 0.023     | 0         | 60.2 | 61.5 | 58.9 | 167        | 169        | 0          | 27     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 12  | 0    | 4      | 57     | 0.935     | 0.01      | 1.381 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 56.8 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 0    | 14     | 57     | 0.925     | -0.023    | 1.381 | 0.03      | 0.026     | 0         | 60.2 | 61.1 | 57.6 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 0    | 24     | 57     | 0.991     | 0.023     | 1.381 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 58.5 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 0    | 34     | 57     | 0.945     | 0.059     | 1.381 | 0.03      | 0.03      | 0         | 60.2 | 61.1 | 59.3 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 0    | 44     | 57     | 0.945     | 0.023     | 1.381 | 0.03      | 0.026     | 0         | 60.2 | 61.5 | 59.3 | 167        | 169        | 0          | 27     | 26     |
| 2009 | 6     | 12  | 0    | 54     | 57     | 0.974     | 0.016     | 1.381 | 0.03      | 0.026     | 0         | 60.2 | 61.1 | 59.3 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 1    | 4      | 57     | 0.961     | 0         | 1.381 | 0.03      | 0.026     | 0         | 60.2 | 61.1 | 59.3 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 1    | 14     | 57     | 1.03      | 0.003     | 1.381 | 0.03      | 0.026     | 0         | 59.8 | 61.1 | 59.3 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 1    | 24     | 57     | 0.997     | 0.003     | 1.381 | 0.03      | 0.03      | 0         | 59.8 | 61.1 | 60.6 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 1    | 34     | 57     | 0.958     | 0.003     | 1.381 | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 59.8 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 1    | 44     | 57     | 0.909     | 0.016     | 1.381 | 0.033     | 0.03      | 0         | 59.8 | 60.2 | 59.8 | 166        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 12  | 1    | 54     | 57     | 0.942     | -0.013    | 1.381 | 0.03      | 0.03      | 0         | 59.8 | 61.1 | 60.2 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 2    | 4      | 57     | 0.951     | 0.023     | 1.381 | 0.03      | 0.026     | 0         | 60.2 | 60.6 | 58.5 | 166        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 2    | 14     | 57     | 0.951     | 0         | 1.378 | 0.03      | 0.026     | 0         | 59.8 | 60.6 | 58.9 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 2    | 24     | 57     | 0.988     | 0.043     | 1.381 | 0.03      | 0.026     | 0         | 59.3 | 60.6 | 60.2 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 2    | 34     | 57     | 0.919     | 0.033     | 1.378 | 0.03      | 0.026     | 0         | 59.8 | 60.6 | 60.2 | 166        | 169        | 0          | 27     | 28     |
| 2009 | 6     | 12  | 2    | 44     | 57     | 0.961     | 0.013     | 1.378 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 60.2 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 2    | 54     | 57     | 0.906     | 0.026     | 1.378 | 0.026     | 0.023     | 0         | 59.8 | 60.6 | 59.8 | 165        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 3    | 4      | 57     | 0.886     | 0.039     | 1.378 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 59.3 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 3    | 14     | 57     | 0.997     | 0.062     | 1.378 | 0.03      | 0.03      | 0         | 59.8 | 60.2 | 59.3 | 165        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 3    | 24     | 57     | 1.001     | 0.075     | 1.378 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 59.3 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 3    | 34     | 57     | 0.863     | 0.013     | 1.375 | 0.026     | 0.023     | 0         | 59.3 | 60.6 | 58.9 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 3    | 44     | 57     | 0.896     | 0.039     | 1.375 | 0.023     | 0.023     | 0         | 59.3 | 60.6 | 59.8 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 3    | 54     | 57     | 0.909     | 0.016     | 1.375 | 0.026     | 0.023     | 0         | 59.8 | 60.6 | 59.8 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 4    | 4      | 57     | 0.948     | 0.059     | 1.375 | 0.03      | 0.026     | 0         | 59.8 | 60.2 | 58.9 | 165        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 4    | 14     | 57     | 0.951     | 0.043     | 1.375 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 58.9 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 4    | 24     | 57     | 0.935     | -0.013    | 1.375 | 0.039     | 0.039     | 0         | 59.8 | 60.6 | 58.5 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 4    | 34     | 57     | 0.906     | 0.013     | 1.375 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 58.9 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 4    | 44     | 57     | 0.909     | -0.007    | 1.371 | 0.026     | 0.023     | 0         | 59.3 | 60.6 | 59.8 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 4    | 54     | 57     | 1.007     | 0.079     | 1.371 | 0.026     | 0.023     | 0         | 59.3 | 60.2 | 58.9 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 5    | 4      | 57     | 1.014     | 0.016     | 1.371 | 0.03      | 0.026     | 0         | 59.8 | 60.6 | 59.3 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 5    | 14     | 57     | 0.892     | 0.072     | 1.371 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 59.3 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 5    | 24     | 57     | 0.912     | 0.023     | 1.368 | 0.026     | 0.023     | 0         | 59.3 | 60.6 | 58.5 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 5    | 34     | 57     | 0.932     | -0.03     | 1.368 | 0.03      | 0.03      | 0         | 59.3 | 59.8 | 55   | 165        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 12  | 5    | 44     | 57     | 0.935     | 0.049     | 1.371 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 58   | 165        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 12  | 5    | 54     | 57     | 1.014     | -0.013    | 1.365 | 0.03      | 0.026     | 0         | 59.3 | 59.8 | 58.9 | 165        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 12  | 6    | 4      | 57     | 0.981     | 0         | 1.365 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 58.9 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 6    | 14     | 57     | 0.935     | 0.016     | 1.365 | 0.026     | 0.023     | 0         | 58.5 | 59.8 | 59.3 | 164        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 12  | 6    | 24     | 57     | 0.955     | 0         | 1.365 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 59.8 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 6    | 34     | 57     | 0.951     | 0.033     | 1.362 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 59.3 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 6    | 44     | 57     | 0.991     | 0.052     | 1.362 | 0.033     | 0.03      | 0         | 58.9 | 59.3 | 59.8 | 164        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 12  | 6    | 54     | 57     | 0.958     | -0.043    | 1.365 | 0.039     | 0.036     | 0         | 58.9 | 59.8 | 59.3 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 7    | 4      | 57     | 0.925     | 0.036     | 1.362 | 0.03      | 0.026     | 0         | 58.5 | 59.3 | 59.3 | 164        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 12  | 7    | 14     | 57     | 0.915     | 0.036     | 1.362 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 60.2 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 7    | 24     | 57     | 0.932     | 0.036     | 1.362 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 60.2 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 7    | 34     | 57     | 0.899     | 0         | 1.362 | 0.033     | 0.033     | 0         | 58.9 | 59.8 | 59.8 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 7    | 44     | 57     | 0.955     | 0.007     | 1.358 | 0.026     | 0.023     | 0         | 59.3 | 59.8 | 60.2 | 164        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 7    | 54     | 57     | 0.925     | 0.013     | 1.362 | 0.026     | 0.023     | 0         | 58.9 | 59.8 | 60.6 | 164        | 166        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 12  | 8    | 4      | 57     | 0.958     | -0.026    | 1.362 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 60.2 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 8    | 14     | 57     | 0.942     | -0.043    | 1.358 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 59.8 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 8    | 24     | 57     | 0.932     | 0.043     | 1.358 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 59.8 | 164        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 12  | 8    | 34     | 57     | 0.961     | 0.043     | 1.358 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 60.6 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 8    | 44     | 57     | 0.958     | 0.007     | 1.358 | 0.03      | 0.03      | 0         | 59.8 | 60.2 | 61.5 | 165        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 8    | 54     | 57     | 0.961     | 0.003     | 1.358 | 0.03      | 0.03      | 0         | 59.3 | 59.8 | 61.1 | 165        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 12  | 9    | 4      | 57     | 0.961     | 0.003     | 1.358 | 0.026     | 0.023     | 0         | 58.9 | 59.8 | 61.5 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 9    | 14     | 57     | 0.925     | -0.023    | 1.358 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 62.8 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 9    | 24     | 57     | 0.988     | -0.003    | 1.358 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 61.5 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 9    | 34     | 57     | 0.945     | -0.026    | 1.358 | 0.03      | 0.03      | 0         | 58.9 | 59.8 | 62.4 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 9    | 44     | 57     | 0.951     | 0.013     | 1.358 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 61.1 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 9    | 54     | 57     | 1.001     | 0.007     | 1.358 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 61.9 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 10   | 4      | 57     | 0.938     | -0.016    | 1.358 | 0.026     | 0.026     | 0         | 58.9 | 59.3 | 62.4 | 164        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 12  | 10   | 14     | 57     | 0.955     | 0.072     | 1.358 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 60.2 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 10   | 24     | 57     | 0.912     | 0.03      | 1.358 | 0.03      | 0.03      | 0         | 58.9 | 59.8 | 62.8 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 10   | 34     | 57     | 1.017     | -0.036    | 1.358 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 61.1 | 163        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 10   | 44     | 57     | 0.896     | -0.007    | 1.355 | 0.03      | 0.026     | 0         | 58.9 | 60.2 | 60.6 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 10   | 54     | 57     | 0.974     | 0.003     | 1.355 | 0.03      | 0.026     | 0         | 58.9 | 60.2 | 61.9 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 11   | 4      | 57     | 0.971     | -0.016    | 1.358 | 0.03      | 0.026     | 0         | 58.9 | 60.2 | 60.6 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 11   | 14     | 57     | 0.951     | 0.003     | 1.355 | 0.033     | 0.033     | 0         | 59.8 | 60.6 | 60.2 | 165        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 11   | 24     | 57     | 0.925     | 0.013     | 1.355 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 59.3 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 11   | 34     | 57     | 0.988     | 0.007     | 1.355 | 0.026     | 0.023     | 0         | 58.9 | 60.2 | 60.2 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 11   | 44     | 57     | 0.942     | -0.013    | 1.355 | 0.03      | 0.03      | 0         | 59.3 | 60.6 | 55.5 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 11   | 54     | 57     | 0.919     | 0.016     | 1.355 | 0.026     | 0.023     | 0         | 58.9 | 61.1 | 57.6 | 164        | 168        | 0          | 27     | 26     |
| 2009 | 6     | 12  | 12   | 4      | 57     | 0.951     | -0.016    | 1.355 | 0.03      | 0.03      | 0         | 59.8 | 60.6 | 59.3 | 165        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 12   | 14     | 57     | 0.968     | 0.01      | 1.355 | 0.026     | 0.023     | 0         | 59.8 | 61.1 | 58.5 | 165        | 168        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 12   | 24     | 57     | 0.928     | 0.039     | 1.355 | 0.033     | 0.033     | 0         | 59.8 | 61.1 | 59.3 | 165        | 168        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 12   | 34     | 57     | 0.981     | 0.026     | 1.355 | 0.03      | 0.026     | 0         | 60.2 | 60.6 | 58   | 166        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 12   | 44     | 57     | 0.928     | 0.03      | 1.352 | 0.03      | 0.03      | 0         | 60.2 | 60.6 | 56.3 | 166        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 12   | 54     | 57     | 0.935     | 0.046     | 1.355 | 0.03      | 0.026     | 0         | 60.2 | 61.1 | 57.2 | 166        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 13   | 4      | 57     | 0.974     | 0.003     | 1.352 | 0.036     | 0.033     | 0         | 59.8 | 61.1 | 55.9 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 13   | 14     | 57     | 0.984     | 0.046     | 1.352 | 0.03      | 0.026     | 0         | 59.8 | 61.5 | 55.9 | 166        | 169        | 0          | 27     | 26     |
| 2009 | 6     | 12  | 13   | 24     | 57     | 0.951     | 0.016     | 1.352 | 0.03      | 0.03      | 0         | 60.2 | 61.5 | 58.5 | 166        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 13   | 34     | 57     | 0.935     | -0.016    | 1.352 | 0.026     | 0.023     | 0         | 59.8 | 61.1 | 55.9 | 166        | 168        | 0          | 27     | 26     |
| 2009 | 6     | 12  | 13   | 44     | 57     | 0.906     | 0.02      | 1.352 | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 56.8 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 13   | 54     | 57     | 0.925     | 0.03      | 1.348 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 53.8 | 167        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 14   | 4      | 57     | 0.958     | 0.03      | 1.352 | 0.03      | 0.026     | 0         | 60.2 | 61.5 | 55.9 | 166        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 14   | 14     | 57     | 0.876     | 0         | 1.348 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 52.5 | 166        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 14   | 24     | 57     | 0.965     | 0.079     | 1.348 | 0.03      | 0.026     | 0         | 60.2 | 61.1 | 52.9 | 166        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 14   | 34     | 57     | 0.899     | 0.01      | 1.348 | 0.03      | 0.026     | 0         | 60.6 | 61.5 | 50.3 | 167        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 14   | 44     | 57     | 0.928     | -0.007    | 1.345 | 0.033     | 0.03      | 0         | 59.8 | 61.5 | 50.3 | 166        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 14   | 54     | 57     | 0.942     | 0.062     | 1.345 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 50.3 | 167        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 15   | 4      | 57     | 0.935     | 0.039     | 1.342 | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 49.5 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 15   | 14     | 57     | 0.951     | -0.013    | 1.342 | 0.026     | 0.023     | 0         | 60.2 | 61.5 | 51.2 | 166        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 15   | 24     | 57     | 0.928     | 0         | 1.342 | 0.026     | 0.023     | 0         | 60.2 | 61.5 | 49.5 | 166        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 15   | 34     | 57     | 0.873     | 0.03      | 1.345 | 0.03      | 0.03      | 0         | 60.6 | 61.5 | 51.6 | 167        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 15   | 44     | 57     | 0.915     | 0.026     | 1.342 | 0.026     | 0.023     | 0         | 60.2 | 61.9 | 50.7 | 167        | 170        | 0          | 27     | 26     |
| 2009 | 6     | 12  | 15   | 54     | 57     | 0.932     | 0.03      | 1.342 | 0.036     | 0.033     | 0         | 60.2 | 61.9 | 50.7 | 166        | 170        | 0          | 26     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 12  | 16   | 4      | 57     | 0.965     | 0.02      | 1.339 | 0.033     | 0.03      | 0         | 60.2 | 61.5 | 50.7 | 167        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 16   | 14     | 57     | 0.928     | 0.016     | 1.339 | 0.026     | 0.023     | 0         | 60.2 | 61.5 | 47.7 | 166        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 16   | 24     | 57     | 0.961     | 0.023     | 1.342 | 0.03      | 0.026     | 0         | 60.2 | 61.1 | 48.6 | 166        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 16   | 34     | 57     | 0.935     | 0.01      | 1.342 | 0.03      | 0.03      | 0         | 59.8 | 61.1 | 51.6 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 16   | 44     | 57     | 0.968     | 0.062     | 1.342 | 0.036     | 0.033     | 0         | 60.2 | 61.1 | 52.9 | 166        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 16   | 54     | 57     | 0.945     | 0.082     | 1.339 | 0.03      | 0.026     | 0         | 60.2 | 61.5 | 50.7 | 166        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 17   | 4      | 57     | 0.971     | 0.013     | 1.342 | 0.03      | 0.026     | 0         | 60.2 | 61.1 | 53.3 | 166        | 168        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 17   | 14     | 57     | 0.915     | 0         | 1.342 | 0.036     | 0.033     | 0         | 60.2 | 61.5 | 52.9 | 166        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 17   | 24     | 57     | 0.978     | -0.033    | 1.342 | 0.039     | 0.036     | 0         | 59.8 | 61.1 | 51.2 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 17   | 34     | 57     | 0.909     | 0.02      | 1.342 | 0.03      | 0.026     | 0         | 59.8 | 61.1 | 52.9 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 17   | 44     | 57     | 0.928     | 0.023     | 1.342 | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 52.5 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 17   | 54     | 57     | 0.86      | -0.026    | 1.345 | 0.03      | 0.03      | 0         | 59.8 | 61.1 | 55.5 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 18   | 4      | 57     | 0.958     | 0.026     | 1.345 | 0.033     | 0.03      | 0         | 60.2 | 61.5 | 53.3 | 166        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 18   | 14     | 57     | 1.014     | 0.016     | 1.345 | 0.026     | 0.023     | 0         | 59.3 | 60.6 | 55   | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 18   | 24     | 57     | 1.02      | -0.003    | 1.345 | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 52.9 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 18   | 34     | 57     | 0.919     | 0.046     | 1.345 | 0.03      | 0.03      | 0         | 59.8 | 60.6 | 56.3 | 165        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 18   | 44     | 57     | 0.83      | 0.039     | 1.345 | 0.043     | 0.039     | 0         | 59.3 | 61.1 | 55.5 | 165        | 168        | 0          | 27     | 26     |
| 2009 | 6     | 12  | 18   | 54     | 57     | 0.984     | 0.026     | 1.345 | 0.039     | 0.036     | 0         | 59.8 | 60.6 | 55.5 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 19   | 4      | 57     | 0.974     | 0.049     | 1.348 | 0.03      | 0.026     | 0         | 59.3 | 61.1 | 56.8 | 165        | 168        | 0          | 27     | 26     |
| 2009 | 6     | 12  | 19   | 14     | 57     | 0.935     | -0.03     | 1.345 | 0.026     | 0.023     | 0         | 59.8 | 61.1 | 55.5 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 19   | 24     | 57     | 0.951     | 0.033     | 1.348 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 57.6 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 19   | 34     | 57     | 0.915     | -0.023    | 1.348 | 0.03      | 0.03      | 0         | 59.3 | 60.6 | 57.6 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 19   | 44     | 57     | 0.948     | -0.069    | 1.348 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 58.9 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 19   | 54     | 57     | 0.984     | 0.016     | 1.348 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 60.6 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 20   | 4      | 57     | 0.942     | 0.01      | 1.348 | 0.03      | 0.026     | 0         | 59.8 | 60.6 | 60.6 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 20   | 14     | 57     | 0.935     | 0.013     | 1.348 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 58.9 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 20   | 24     | 57     | 0.951     | 0         | 1.348 | 0.03      | 0.03      | 0         | 59.8 | 61.5 | 60.2 | 166        | 169        | 0          | 27     | 26     |
| 2009 | 6     | 12  | 20   | 34     | 57     | 0.991     | 0.03      | 1.348 | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 59.8 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 20   | 44     | 57     | 0.889     | -0.052    | 1.348 | 0.033     | 0.03      | 0         | 59.3 | 61.1 | 58.5 | 166        | 169        | 0          | 28     | 27     |
| 2009 | 6     | 12  | 20   | 54     | 57     | 1.024     | 0.062     | 1.348 | 0.03      | 0.026     | 0         | 59.8 | 61.5 | 58.5 | 166        | 169        | 0          | 27     | 26     |
| 2009 | 6     | 12  | 21   | 4      | 57     | 0.945     | -0.003    | 1.348 | 0.03      | 0.026     | 0         | 59.8 | 61.1 | 59.3 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 21   | 14     | 57     | 0.938     | -0.03     | 1.352 | 0.03      | 0.03      | 0         | 59.8 | 61.1 | 60.2 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 21   | 24     | 57     | 1.004     | 0.02      | 1.352 | 0.026     | 0.023     | 0         | 59.8 | 61.5 | 60.2 | 166        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 21   | 34     | 57     | 1.004     | 0.026     | 1.352 | 0.036     | 0.033     | 0         | 60.6 | 61.9 | 61.9 | 168        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 21   | 44     | 57     | 0.961     | -0.039    | 1.348 | 0.03      | 0.026     | 0         | 60.2 | 61.5 | 61.1 | 167        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 21   | 54     | 57     | 0.961     | -0.016    | 1.348 | 0.03      | 0.026     | 0         | 59.8 | 61.5 | 61.9 | 166        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 22   | 4      | 57     | 0.919     | 0.003     | 1.352 | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 62.4 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 22   | 14     | 57     | 0.935     | -0.007    | 1.352 | 0.026     | 0.023     | 0         | 60.2 | 61.5 | 61.5 | 167        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 22   | 24     | 57     | 0.938     | -0.01     | 1.352 | 0.036     | 0.033     | 0         | 60.2 | 61.1 | 61.5 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 22   | 34     | 57     | 0.988     | 0         | 1.352 | 0.033     | 0.03      | 0         | 60.2 | 60.6 | 61.9 | 167        | 169        | 0          | 27     | 28     |
| 2009 | 6     | 12  | 22   | 44     | 57     | 0.961     | 0.059     | 1.352 | 0.026     | 0.023     | 0         | 60.6 | 61.1 | 62.4 | 168        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 22   | 54     | 57     | 1.037     | 0.007     | 1.352 | 0.03      | 0.03      | 0         | 60.2 | 60.6 | 62.4 | 167        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 23   | 4      | 57     | 0.932     | -0.026    | 1.352 | 0.03      | 0.03      | 0         | 59.8 | 61.1 | 62.8 | 167        | 169        | 0          | 28     | 27     |
| 2009 | 6     | 12  | 23   | 14     | 57     | 0.958     | 0.039     | 1.352 | 0.03      | 0.026     | 0         | 60.2 | 61.1 | 62.4 | 167        | 168        | 0          | 27     | 26     |
| 2009 | 6     | 12  | 23   | 24     | 57     | 0.938     | 0.003     | 1.352 | 0.026     | 0.023     | 0         | 60.2 | 60.2 | 62.4 | 167        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 12  | 23   | 34     | 57     | 0.928     | 0         | 1.352 | 0.03      | 0.026     | 0         | 59.8 | 60.6 | 55   | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 23   | 44     | 57     | 1.007     | -0.016    | 1.352 | 0.03      | 0.026     | 0         | 59.8 | 61.1 | 57.2 | 167        | 169        | 0          | 28     | 27     |
| 2009 | 6     | 12  | 23   | 54     | 57     | 0.974     | -0.059    | 1.352 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 62.4 | 166        | 168        | 0          | 27     | 27     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 13  | 0    | 4      | 57     | 1.017     | 0.007     | 1.352 | 0.033     | 0.03      | 0         | 60.2 | 60.2 | 62.8 | 166        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 0    | 14     | 57     | 0.994     | 0.007     | 1.352 | 0.03      | 0.026     | 0         | 59.8 | 60.6 | 62.8 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 0    | 24     | 57     | 0.988     | 0.003     | 1.352 | 0.03      | 0.03      | 0         | 59.8 | 60.2 | 62.4 | 166        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 13  | 0    | 34     | 57     | 0.945     | 0.026     | 1.352 | 0.03      | 0.03      | 0         | 60.2 | 60.6 | 63.2 | 166        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 0    | 44     | 57     | 0.899     | -0.007    | 1.352 | 0.03      | 0.026     | 0         | 59.8 | 60.6 | 61.9 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 0    | 54     | 57     | 1.053     | 0.007     | 1.352 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 62.8 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 1    | 4      | 57     | 1.027     | -0.013    | 1.352 | 0.033     | 0.03      | 0         | 59.8 | 59.8 | 62.8 | 166        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 13  | 1    | 14     | 57     | 0.971     | 0.056     | 1.352 | 0.03      | 0.03      | 0         | 59.8 | 60.2 | 62.8 | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 1    | 24     | 57     | 0.981     | 0         | 1.352 | 0.033     | 0.03      | 0         | 59.8 | 60.2 | 61.5 | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 1    | 34     | 57     | 0.988     | -0.007    | 1.352 | 0.023     | 0.023     | 0         | 59.3 | 60.6 | 56.8 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 1    | 44     | 57     | 0.951     | 0.03      | 1.352 | 0.033     | 0.033     | 0         | 59.8 | 60.6 | 62.8 | 166        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 13  | 1    | 54     | 57     | 0.971     | 0.059     | 1.352 | 0.03      | 0.03      | 0         | 59.8 | 60.6 | 62.4 | 165        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 2    | 4      | 57     | 1.004     | 0         | 1.352 | 0.033     | 0.03      | 0         | 59.8 | 60.2 | 62.4 | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 2    | 14     | 57     | 0.902     | -0.023    | 1.352 | 0.033     | 0.03      | 0         | 60.2 | 60.6 | 62.8 | 166        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 2    | 24     | 57     | 0.988     | 0.02      | 1.352 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 62.8 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 2    | 34     | 57     | 0.981     | 0.03      | 1.352 | 0.026     | 0.023     | 0         | 59.3 | 60.6 | 62.8 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 2    | 44     | 57     | 1.007     | 0.026     | 1.352 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 62.4 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 2    | 54     | 57     | 0.945     | 0.039     | 1.352 | 0.026     | 0.023     | 0         | 59.3 | 60.2 | 62.8 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 3    | 4      | 57     | 0.951     | -0.013    | 1.352 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 63.2 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 3    | 14     | 57     | 0.935     | -0.007    | 1.352 | 0.03      | 0.026     | 0         | 59.8 | 60.2 | 62.8 | 165        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 3    | 24     | 57     | 0.915     | 0.036     | 1.352 | 0.03      | 0.03      | 0         | 59.3 | 60.2 | 62.8 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 3    | 34     | 57     | 0.971     | 0.003     | 1.352 | 0.03      | 0.03      | 0         | 59.3 | 60.2 | 63.2 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 3    | 44     | 57     | 0.866     | 0.02      | 1.352 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 62.8 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 3    | 54     | 57     | 0.912     | -0.016    | 1.352 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 63.2 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 4    | 4      | 57     | 0.935     | -0.056    | 1.352 | 0.03      | 0.03      | 0         | 59.3 | 59.8 | 62.4 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 4    | 14     | 57     | 0.942     | 0         | 1.352 | 0.036     | 0.033     | 0         | 58.9 | 60.2 | 62.8 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 4    | 24     | 57     | 0.968     | 0.03      | 1.352 | 0.03      | 0.03      | 0         | 58.9 | 60.2 | 62.8 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 4    | 34     | 57     | 0.981     | 0.02      | 1.355 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 63.2 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 4    | 44     | 57     | 0.896     | -0.007    | 1.352 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 62.4 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 4    | 54     | 57     | 0.988     | -0.023    | 1.355 | 0.026     | 0.023     | 0         | 58.9 | 60.2 | 63.2 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 5    | 4      | 57     | 0.971     | -0.016    | 1.352 | 0.03      | 0.03      | 0         | 59.3 | 59.8 | 62.4 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 5    | 14     | 57     | 0.919     | 0         | 1.352 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 58.9 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 5    | 24     | 57     | 0.955     | -0.01     | 1.352 | 0.036     | 0.033     | 0         | 59.3 | 60.6 | 57.6 | 165        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 13  | 5    | 34     | 57     | 0.935     | 0.059     | 1.352 | 0.03      | 0.03      | 0         | 59.3 | 59.3 | 60.6 | 165        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 13  | 5    | 44     | 57     | 0.909     | 0.043     | 1.352 | 0.033     | 0.033     | 0         | 59.3 | 59.8 | 61.1 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 5    | 54     | 57     | 0.951     | 0.016     | 1.352 | 0.03      | 0.03      | 0         | 59.3 | 60.2 | 59.3 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 6    | 4      | 57     | 1.004     | 0.007     | 1.352 | 0.026     | 0.023     | 0         | 58.9 | 59.8 | 61.9 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 6    | 14     | 57     | 0.965     | 0.046     | 1.352 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 60.6 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 6    | 24     | 57     | 0.951     | 0         | 1.352 | 0.03      | 0.026     | 0         | 58.9 | 59.3 | 59.8 | 164        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 6    | 34     | 57     | 0.915     | -0.02     | 1.352 | 0.03      | 0.026     | 0         | 59.3 | 59.8 | 60.2 | 164        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 6    | 44     | 57     | 0.909     | 0.013     | 1.352 | 0.026     | 0.023     | 0         | 58.9 | 59.8 | 59.8 | 165        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 13  | 6    | 54     | 57     | 1.007     | 0.003     | 1.352 | 0.036     | 0.033     | 0         | 58.9 | 59.8 | 61.1 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 7    | 4      | 57     | 0.955     | -0.007    | 1.352 | 0.03      | 0.03      | 0         | 58.9 | 59.8 | 59.3 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 7    | 14     | 57     | 0.945     | 0.039     | 1.352 | 0.03      | 0.026     | 0         | 59.3 | 59.8 | 55   | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 7    | 24     | 57     | 0.961     | -0.066    | 1.352 | 0.03      | 0.026     | 0         | 59.3 | 59.8 | 59.8 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 7    | 34     | 57     | 0.951     | 0.039     | 1.352 | 0.03      | 0.03      | 0         | 59.3 | 59.8 | 55.9 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 7    | 44     | 57     | 0.938     | -0.013    | 1.352 | 0.03      | 0.03      | 0         | 58.9 | 59.8 | 55   | 164        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 13  | 7    | 54     | 57     | 0.948     | -0.01     | 1.352 | 0.026     | 0.026     | 0         | 59.3 | 59.8 | 55.5 | 165        | 166        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 13  | 8    | 4      | 57     | 0.902     | -0.056    | 1.352 | 0.03      | 0.03      | 0         | 59.3 | 59.8 | 56.3 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 8    | 14     | 57     | 0.935     | 0.039     | 1.352 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 55.9 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 8    | 24     | 57     | 0.932     | -0.02     | 1.352 | 0.033     | 0.03      | 0         | 59.8 | 60.2 | 53.8 | 165        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 8    | 34     | 57     | 0.922     | 0.026     | 1.352 | 0.03      | 0.03      | 0         | 59.3 | 59.8 | 53.3 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 8    | 44     | 57     | 0.948     | -0.03     | 1.352 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 54.6 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 8    | 54     | 57     | 0.961     | 0.023     | 1.352 | 0.03      | 0.03      | 0         | 59.3 | 60.2 | 53.8 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 9    | 4      | 57     | 0.935     | -0.013    | 1.352 | 0.033     | 0.03      | 0         | 59.8 | 59.8 | 44.3 | 166        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 13  | 9    | 14     | 57     | 0.932     | 0.007     | 1.352 | 0.03      | 0.026     | 0         | 59.8 | 59.8 | 54.6 | 166        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 9    | 24     | 57     | 0.965     | -0.059    | 1.348 | 0.033     | 0.03      | 0         | 61.5 | 62.8 | 35.3 | 170        | 173        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 9    | 34     | 57     | 0.951     | -0.043    | 1.352 | 0.03      | 0.03      | 0         | 56.8 | 58.9 | 44.3 | 159        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 13  | 9    | 44     | 57     | 0.945     | 0.062     | 1.352 | 0.026     | 0.023     | 0         | 57.6 | 59.8 | 56.8 | 160        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 9    | 54     | 57     | 0.974     | -0.023    | 1.355 | 0.033     | 0.03      | 0         | 57.6 | 59.3 | 58.5 | 160        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 10   | 4      | 57     | 0.938     | 0.007     | 1.352 | 0.033     | 0.03      | 0         | 57.6 | 59.8 | 57.2 | 161        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 10   | 14     | 57     | 1.017     | -0.013    | 1.355 | 0.033     | 0.03      | 0         | 57.6 | 59.8 | 59.8 | 160        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 10   | 24     | 57     | 1.027     | -0.036    | 1.355 | 0.033     | 0.03      | 0         | 57.6 | 59.8 | 58.9 | 161        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 10   | 34     | 57     | 0.961     | 0.013     | 1.355 | 0.03      | 0.026     | 0         | 57.6 | 60.2 | 60.2 | 161        | 166        | 0          | 27     | 26     |
| 2009 | 6     | 13  | 10   | 44     | 57     | 0.906     | -0.023    | 1.355 | 0.033     | 0.033     | 0         | 57.6 | 59.8 | 61.1 | 161        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 10   | 54     | 57     | 0.948     | 0.03      | 1.355 | 0.033     | 0.03      | 0         | 57.6 | 59.8 | 58.9 | 161        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 11   | 4      | 57     | 0.843     | -0.01     | 1.355 | 0.033     | 0.03      | 0         | 58   | 60.2 | 59.8 | 162        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 11   | 14     | 57     | 0.984     | -0.003    | 1.355 | 0.03      | 0.026     | 0         | 58   | 59.8 | 58   | 162        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 11   | 24     | 57     | 0.889     | -0.003    | 1.355 | 0.033     | 0.03      | 0         | 58   | 60.6 | 61.1 | 162        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 13  | 11   | 34     | 57     | 0.935     | 0.003     | 1.355 | 0.033     | 0.03      | 0         | 58   | 60.2 | 59.3 | 162        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 11   | 44     | 57     | 0.971     | -0.066    | 1.355 | 0.03      | 0.026     | 0         | 58.5 | 60.6 | 57.6 | 162        | 167        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 11   | 54     | 57     | 0.955     | -0.003    | 1.355 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 58.5 | 163        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 12   | 4      | 57     | 0.892     | -0.003    | 1.355 | 0.026     | 0.023     | 0         | 58.5 | 60.2 | 58.9 | 163        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 12   | 14     | 57     | 0.925     | 0.016     | 1.355 | 0.026     | 0.023     | 0         | 58.9 | 61.1 | 58.5 | 163        | 168        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 12   | 24     | 57     | 0.942     | 0.066     | 1.352 | 0.033     | 0.03      | 0         | 58.5 | 60.2 | 58.5 | 162        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 12   | 34     | 57     | 0.883     | -0.043    | 1.352 | 0.033     | 0.03      | 0         | 58.5 | 60.6 | 56.8 | 163        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 13  | 12   | 44     | 57     | 0.863     | -0.049    | 1.352 | 0.033     | 0.03      | 0         | 58.5 | 60.6 | 54.6 | 162        | 167        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 12   | 54     | 57     | 0.863     | -0.043    | 1.352 | 0.033     | 0.03      | 0         | 58   | 60.2 | 56.8 | 162        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 13   | 4      | 57     | 0.892     | 0.023     | 1.352 | 0.033     | 0.03      | 0         | 58.9 | 61.1 | 55   | 163        | 168        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 13   | 14     | 57     | 0.988     | 0         | 1.355 | 0.033     | 0.03      | 0         | 58.9 | 60.6 | 56.8 | 163        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 13   | 24     | 57     | 0.919     | 0.013     | 1.352 | 0.03      | 0.03      | 0         | 58   | 60.6 | 58   | 162        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 13   | 34     | 57     | 0.948     | 0.03      | 1.352 | 0.033     | 0.03      | 0         | 58.5 | 61.1 | 55.9 | 163        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 13   | 44     | 57     | 0.991     | 0.046     | 1.352 | 0.033     | 0.03      | 0         | 58.9 | 61.5 | 57.6 | 163        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 13   | 54     | 57     | 0.935     | -0.013    | 1.352 | 0.033     | 0.03      | 0         | 58.9 | 61.9 | 52.9 | 163        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 14   | 4      | 57     | 0.928     | 0.03      | 1.352 | 0.033     | 0.03      | 0         | 58.9 | 61.1 | 51.6 | 163        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 14   | 14     | 57     | 0.866     | -0.023    | 1.352 | 0.036     | 0.033     | 0         | 58.9 | 61.5 | 56.3 | 163        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 14   | 24     | 57     | 0.912     | 0.003     | 1.352 | 0.03      | 0.03      | 0         | 58.5 | 61.1 | 54.6 | 163        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 14   | 34     | 57     | 0.915     | 0.02      | 1.352 | 0.03      | 0.026     | 0         | 58.5 | 61.1 | 56.3 | 163        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 14   | 44     | 57     | 0.965     | 0         | 1.348 | 0.03      | 0.026     | 0         | 58.9 | 61.9 | 54.2 | 163        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 14   | 54     | 57     | 0.938     | 0.01      | 1.348 | 0.03      | 0.026     | 0         | 59.3 | 61.1 | 53.8 | 164        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 15   | 4      | 57     | 0.883     | -0.03     | 1.352 | 0.036     | 0.033     | 0         | 58.9 | 61.5 | 53.8 | 163        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 15   | 14     | 57     | 0.978     | -0.046    | 1.348 | 0.03      | 0.03      | 0         | 58.9 | 61.1 | 51.6 | 163        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 15   | 24     | 57     | 0.883     | 0.023     | 1.348 | 0.033     | 0.03      | 0         | 58.9 | 60.6 | 54.6 | 163        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 15   | 34     | 57     | 0.928     | -0.036    | 1.348 | 0.033     | 0.03      | 0         | 58.9 | 61.1 | 53.8 | 163        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 15   | 44     | 57     | 0.899     | -0.079    | 1.352 | 0.033     | 0.03      | 0         | 58.5 | 61.5 | 54.2 | 163        | 169        | 0          | 27     | 26     |
| 2009 | 6     | 13  | 15   | 54     | 57     | 0.925     | -0.033    | 1.348 | 0.033     | 0.03      | 0         | 58.9 | 60.6 | 51.6 | 163        | 168        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 13  | 16   | 4      | 57     | 0.951     | 0.007     | 1.345 | 0.026     | 0.023     | 0         | 58.5 | 61.5 | 52.5 | 163        | 169        | 0          | 27     | 26     |
| 2009 | 6     | 13  | 16   | 14     | 57     | 0.906     | -0.046    | 1.345 | 0.036     | 0.033     | 0         | 59.3 | 61.1 | 49.5 | 164        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 16   | 24     | 57     | 0.951     | 0.082     | 1.348 | 0.039     | 0.039     | 0         | 58.9 | 61.5 | 53.8 | 163        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 16   | 34     | 57     | 0.935     | 0.023     | 1.348 | 0.036     | 0.033     | 0         | 58.9 | 61.1 | 54.2 | 163        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 16   | 44     | 57     | 0.876     | -0.007    | 1.348 | 0.03      | 0.026     | 0         | 58.9 | 61.1 | 55.5 | 163        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 16   | 54     | 57     | 0.873     | -0.01     | 1.348 | 0.033     | 0.03      | 0         | 58.9 | 61.1 | 52   | 163        | 168        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 17   | 4      | 57     | 0.938     | -0.062    | 1.348 | 0.033     | 0.03      | 0         | 59.3 | 61.5 | 52.5 | 164        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 17   | 14     | 57     | 0.961     | -0.023    | 1.345 | 0.03      | 0.03      | 0         | 58.5 | 61.1 | 45.6 | 163        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 17   | 24     | 57     | 0.955     | -0.043    | 1.345 | 0.033     | 0.03      | 0         | 58.5 | 61.5 | 40   | 163        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 17   | 34     | 57     | 0.938     | 0.036     | 1.345 | 0.03      | 0.026     | 0         | 59.3 | 61.5 | 44.3 | 164        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 17   | 44     | 57     | 0.971     | -0.007    | 1.342 | 0.03      | 0.03      | 0         | 59.3 | 61.5 | 40.9 | 164        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 17   | 54     | 57     | 1.007     | 0.02      | 1.345 | 0.026     | 0.023     | 0         | 58.9 | 61.5 | 46   | 163        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 18   | 4      | 57     | 0.948     | -0.007    | 1.348 | 0.03      | 0.026     | 0         | 58.5 | 61.1 | 49   | 163        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 18   | 14     | 57     | 1.043     | 0.026     | 1.348 | 0.033     | 0.03      | 0         | 58.9 | 61.1 | 47.7 | 163        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 18   | 24     | 57     | 0.928     | -0.056    | 1.348 | 0.033     | 0.03      | 0         | 58.9 | 61.5 | 46.9 | 163        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 18   | 34     | 57     | 0.988     | -0.039    | 1.348 | 0.026     | 0.023     | 0         | 58.5 | 61.1 | 48.2 | 163        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 18   | 44     | 57     | 0.945     | -0.007    | 1.345 | 0.033     | 0.03      | 0         | 58   | 61.1 | 40.4 | 162        | 168        | 0          | 27     | 26     |
| 2009 | 6     | 13  | 18   | 54     | 57     | 0.899     | -0.016    | 1.348 | 0.03      | 0.026     | 0         | 58.9 | 61.1 | 49   | 163        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 19   | 4      | 57     | 0.932     | 0.003     | 1.348 | 0.033     | 0.03      | 0         | 58.9 | 61.1 | 42.6 | 163        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 19   | 14     | 57     | 0.965     | -0.046    | 1.342 | 0.033     | 0.03      | 0         | 59.3 | 61.1 | 39.1 | 164        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 19   | 24     | 57     | 0.928     | 0.013     | 1.345 | 0.033     | 0.03      | 0         | 58.9 | 61.5 | 40.4 | 164        | 169        | 0          | 27     | 26     |
| 2009 | 6     | 13  | 19   | 34     | 57     | 1.007     | 0.023     | 1.345 | 0.033     | 0.03      | 0         | 59.3 | 61.5 | 40.4 | 164        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 19   | 44     | 57     | 0.837     | -0.043    | 1.348 | 0.03      | 0.03      | 0         | 59.3 | 61.5 | 43.4 | 164        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 19   | 54     | 57     | 0.909     | -0.01     | 1.348 | 0.033     | 0.03      | 0         | 58.9 | 61.1 | 49.5 | 164        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 20   | 4      | 57     | 0.886     | -0.062    | 1.352 | 0.03      | 0.026     | 0         | 58.5 | 61.1 | 52.5 | 163        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 20   | 14     | 57     | 0.932     | 0         | 1.352 | 0.03      | 0.026     | 0         | 58.9 | 61.1 | 50.3 | 163        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 20   | 24     | 57     | 0.919     | 0.026     | 1.352 | 0.033     | 0.03      | 0         | 59.3 | 61.5 | 53.8 | 164        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 20   | 34     | 57     | 0.932     | -0.062    | 1.352 | 0.036     | 0.033     | 0         | 58.9 | 61.1 | 52.9 | 163        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 20   | 44     | 57     | 0.873     | -0.007    | 1.352 | 0.026     | 0.023     | 0         | 58.9 | 61.1 | 54.2 | 164        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 20   | 54     | 57     | 0.938     | 0.016     | 1.352 | 0.03      | 0.026     | 0         | 59.3 | 61.9 | 53.8 | 164        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 21   | 4      | 57     | 0.938     | 0.01      | 1.352 | 0.033     | 0.033     | 0         | 58.9 | 61.1 | 55.5 | 164        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 21   | 14     | 57     | 0.938     | -0.03     | 1.352 | 0.039     | 0.036     | 0         | 59.3 | 61.1 | 49.5 | 165        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 21   | 24     | 57     | 0.935     | 0.033     | 1.352 | 0.033     | 0.03      | 0         | 59.8 | 61.5 | 53.8 | 166        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 21   | 34     | 57     | 0.906     | 0.026     | 1.352 | 0.026     | 0.023     | 0         | 59.8 | 61.1 | 54.2 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 21   | 44     | 57     | 0.932     | 0         | 1.352 | 0.03      | 0.03      | 0         | 59.8 | 61.1 | 54.6 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 21   | 54     | 57     | 0.994     | -0.046    | 1.352 | 0.039     | 0.036     | 0         | 59.8 | 61.1 | 52.5 | 165        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 22   | 4      | 57     | 0.932     | -0.049    | 1.352 | 0.026     | 0.023     | 0         | 59.3 | 61.1 | 50.7 | 165        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 22   | 14     | 57     | 0.991     | -0.003    | 1.352 | 0.03      | 0.026     | 0         | 59.3 | 61.1 | 53.3 | 165        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 22   | 24     | 57     | 0.984     | 0.039     | 1.355 | 0.03      | 0.03      | 0         | 59.3 | 61.1 | 52   | 165        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 22   | 34     | 57     | 0.925     | 0.023     | 1.355 | 0.036     | 0.033     | 0         | 58.9 | 60.6 | 50.7 | 164        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 22   | 44     | 57     | 0.948     | 0.013     | 1.355 | 0.026     | 0.023     | 0         | 59.3 | 60.6 | 53.8 | 165        | 169        | 0          | 27     | 28     |
| 2009 | 6     | 13  | 22   | 54     | 57     | 0.988     | 0.026     | 1.355 | 0.033     | 0.03      | 0         | 58.9 | 61.1 | 51.2 | 164        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 23   | 4      | 57     | 0.902     | 0.016     | 1.355 | 0.033     | 0.03      | 0         | 58.9 | 60.6 | 49   | 164        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 23   | 14     | 57     | 0.991     | -0.03     | 1.352 | 0.03      | 0.026     | 0         | 58.9 | 60.6 | 40.9 | 164        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 23   | 24     | 57     | 0.971     | -0.036    | 1.358 | 0.03      | 0.026     | 0         | 58.9 | 61.1 | 41.3 | 164        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 23   | 34     | 57     | 0.919     | -0.016    | 1.355 | 0.033     | 0.03      | 0         | 58.9 | 60.6 | 40.4 | 164        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 23   | 44     | 57     | 0.948     | 0.013     | 1.355 | 0.03      | 0.026     | 0         | 58.9 | 61.1 | 42.6 | 164        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 23   | 54     | 57     | 0.922     | 0.046     | 1.358 | 0.033     | 0.03      | 0         | 58.5 | 60.6 | 46.9 | 163        | 168        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 14  | 0    | 4      | 57     | 0.928     | 0.049     | 1.358 | 0.033     | 0.03      | 0         | 58.9 | 60.6 | 42.6 | 164        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 0    | 14     | 57     | 0.955     | 0.039     | 1.355 | 0.03      | 0.026     | 0         | 58.9 | 60.6 | 38.7 | 164        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 0    | 24     | 57     | 0.932     | -0.043    | 1.362 | 0.033     | 0.03      | 0         | 58.9 | 60.6 | 40.9 | 164        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 0    | 34     | 57     | 0.988     | -0.043    | 1.358 | 0.03      | 0.026     | 0         | 58.9 | 60.6 | 39.1 | 164        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 0    | 44     | 57     | 0.909     | -0.095    | 1.355 | 0.033     | 0.03      | 0         | 58.9 | 60.6 | 40.9 | 164        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 0    | 54     | 57     | 0.991     | 0.036     | 1.358 | 0.03      | 0.03      | 0         | 58.9 | 60.6 | 46   | 164        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 1    | 4      | 57     | 0.922     | -0.007    | 1.362 | 0.026     | 0.023     | 0         | 58.9 | 60.6 | 40.9 | 164        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 1    | 14     | 57     | 0.938     | -0.01     | 1.362 | 0.03      | 0.026     | 0         | 58.5 | 61.1 | 41.3 | 164        | 169        | 0          | 28     | 27     |
| 2009 | 6     | 14  | 1    | 24     | 57     | 0.876     | -0.046    | 1.358 | 0.026     | 0.023     | 0         | 58.5 | 60.6 | 43   | 164        | 169        | 0          | 28     | 28     |
| 2009 | 6     | 14  | 1    | 34     | 57     | 0.922     | 0.033     | 1.358 | 0.033     | 0.03      | 0         | 59.3 | 61.1 | 42.6 | 165        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 1    | 44     | 57     | 0.948     | -0.016    | 1.358 | 0.03      | 0.03      | 0         | 58.9 | 60.6 | 45.2 | 164        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 1    | 54     | 57     | 0.951     | 0.03      | 1.365 | 0.039     | 0.036     | 0         | 58.9 | 61.1 | 43.4 | 164        | 168        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 2    | 4      | 57     | 0.961     | 0.007     | 1.362 | 0.033     | 0.03      | 0         | 58.5 | 60.6 | 42.1 | 164        | 168        | 0          | 28     | 27     |
| 2009 | 6     | 14  | 2    | 14     | 57     | 0.922     | 0.007     | 1.358 | 0.026     | 0.026     | 0         | 58.9 | 60.2 | 42.6 | 164        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 14  | 2    | 24     | 57     | 0.965     | -0.03     | 1.362 | 0.026     | 0.023     | 0         | 58.5 | 60.6 | 40.4 | 163        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 2    | 34     | 57     | 0.951     | -0.03     | 1.358 | 0.03      | 0.026     | 0         | 58.5 | 60.2 | 45.2 | 163        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 2    | 44     | 57     | 0.971     | 0.007     | 1.358 | 0.026     | 0.023     | 0         | 58.5 | 60.2 | 47.3 | 163        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 14  | 2    | 54     | 57     | 0.896     | 0.033     | 1.362 | 0.033     | 0.03      | 0         | 58.5 | 60.2 | 47.7 | 163        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 14  | 3    | 4      | 57     | 0.945     | -0.03     | 1.362 | 0.03      | 0.026     | 0         | 58.9 | 61.1 | 46   | 164        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 3    | 14     | 57     | 0.984     | -0.01     | 1.362 | 0.03      | 0.026     | 0         | 58.5 | 60.2 | 40.4 | 163        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 3    | 24     | 57     | 0.958     | -0.016    | 1.362 | 0.026     | 0.023     | 0         | 58   | 60.2 | 44.3 | 163        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 14  | 3    | 34     | 57     | 1.001     | -0.026    | 1.365 | 0.03      | 0.026     | 0         | 58.5 | 60.2 | 40.4 | 163        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 3    | 44     | 57     | 0.978     | -0.02     | 1.362 | 0.026     | 0.023     | 0         | 58.5 | 59.8 | 43   | 163        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 14  | 3    | 54     | 57     | 0.958     | -0.03     | 1.365 | 0.03      | 0.026     | 0         | 57.6 | 60.2 | 40   | 162        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 14  | 4    | 4      | 57     | 0.915     | -0.026    | 1.368 | 0.03      | 0.03      | 0         | 58.5 | 59.8 | 41.3 | 163        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 14  | 4    | 14     | 57     | 0.997     | -0.013    | 1.368 | 0.03      | 0.026     | 0         | 58   | 60.2 | 40.9 | 163        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 14  | 4    | 24     | 57     | 1.024     | -0.007    | 1.368 | 0.026     | 0.023     | 0         | 58.5 | 60.2 | 38.7 | 163        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 4    | 34     | 57     | 1.02      | -0.043    | 1.365 | 0.03      | 0.03      | 0         | 58.5 | 60.6 | 40.4 | 163        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 4    | 44     | 57     | 0.965     | -0.033    | 1.362 | 0.03      | 0.026     | 0         | 58.5 | 60.2 | 41.3 | 163        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 4    | 54     | 57     | 0.971     | -0.013    | 1.365 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 42.1 | 163        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 14  | 5    | 4      | 57     | 0.906     | 0         | 1.365 | 0.03      | 0.026     | 0         | 58   | 59.3 | 38.7 | 162        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 14  | 5    | 14     | 57     | 0.961     | 0.013     | 1.365 | 0.023     | 0.023     | 0         | 58.5 | 60.2 | 50.3 | 163        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 5    | 24     | 57     | 0.971     | -0.039    | 1.368 | 0.033     | 0.033     | 0         | 57.6 | 59.8 | 52.5 | 162        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 14  | 5    | 34     | 57     | 0.938     | 0.03      | 1.368 | 0.03      | 0.03      | 0         | 57.6 | 59.8 | 53.3 | 162        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 14  | 5    | 44     | 57     | 0.958     | -0.01     | 1.368 | 0.033     | 0.03      | 0         | 58   | 60.2 | 52.5 | 162        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 5    | 54     | 57     | 0.955     | -0.066    | 1.368 | 0.033     | 0.03      | 0         | 57.6 | 59.8 | 51.6 | 162        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 14  | 6    | 4      | 57     | 0.912     | -0.069    | 1.371 | 0.03      | 0.03      | 0         | 57.6 | 59.8 | 54.2 | 161        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 6    | 14     | 57     | 0.958     | -0.003    | 1.371 | 0.03      | 0.026     | 0         | 57.6 | 58.9 | 54.6 | 161        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 14  | 6    | 24     | 57     | 0.971     | -0.03     | 1.368 | 0.033     | 0.03      | 0         | 57.6 | 59.8 | 52.9 | 162        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 14  | 6    | 34     | 57     | 0.948     | -0.059    | 1.368 | 0.026     | 0.023     | 0         | 57.6 | 59.3 | 52   | 161        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 6    | 44     | 57     | 0.883     | 0.026     | 1.371 | 0.03      | 0.026     | 0         | 57.2 | 58.9 | 53.8 | 161        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 14  | 6    | 54     | 57     | 0.915     | -0.089    | 1.371 | 0.033     | 0.03      | 0         | 57.6 | 59.3 | 52.9 | 161        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 7    | 4      | 57     | 0.951     | -0.069    | 1.371 | 0.033     | 0.03      | 0         | 57.2 | 59.3 | 51.6 | 161        | 165        | 0          | 28     | 27     |
| 2009 | 6     | 14  | 7    | 14     | 57     | 0.958     | -0.016    | 1.368 | 0.026     | 0.023     | 0         | 57.2 | 59.3 | 52.9 | 161        | 165        | 0          | 28     | 27     |
| 2009 | 6     | 14  | 7    | 24     | 57     | 0.958     | 0.023     | 1.371 | 0.03      | 0.026     | 0         | 57.6 | 59.3 | 53.8 | 161        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 7    | 34     | 57     | 0.978     | -0.036    | 1.371 | 0.026     | 0.023     | 0         | 57.6 | 59.3 | 52.5 | 161        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 7    | 44     | 57     | 0.915     | 0         | 1.371 | 0.03      | 0.03      | 0         | 57.6 | 59.3 | 48.6 | 161        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 7    | 54     | 57     | 0.948     | -0.043    | 1.371 | 0.03      | 0.03      | 0         | 57.6 | 59.3 | 49.5 | 161        | 165        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 14  | 8    | 4      | 57     | 0.951     | -0.036    | 1.371 | 0.03      | 0.03      | 0         | 58   | 59.3 | 49.9 | 161        | 166        | 0          | 26     | 28     |
| 2009 | 6     | 14  | 8    | 14     | 57     | 0.994     | 0.013     | 1.368 | 0.026     | 0.023     | 0         | 58   | 59.3 | 48.6 | 162        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 14  | 8    | 24     | 57     | 0.922     | 0         | 1.368 | 0.033     | 0.03      | 0         | 57.6 | 58.9 | 51.2 | 161        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 14  | 8    | 34     | 57     | 0.935     | 0.013     | 1.368 | 0.03      | 0.026     | 0         | 57.6 | 59.3 | 51.6 | 161        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 8    | 44     | 57     | 0.912     | -0.013    | 1.368 | 0.033     | 0.03      | 0         | 57.6 | 58.9 | 50.3 | 161        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 14  | 8    | 54     | 57     | 0.922     | -0.016    | 1.368 | 0.026     | 0.023     | 0         | 58   | 59.3 | 42.6 | 162        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 9    | 4      | 57     | 1.01      | 0         | 1.368 | 0.03      | 0.03      | 0         | 58   | 59.8 | 49   | 162        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 9    | 14     | 57     | 0.886     | 0.03      | 1.368 | 0.03      | 0.026     | 0         | 58   | 59.8 | 43.9 | 162        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 9    | 24     | 57     | 0.915     | 0.046     | 1.368 | 0.033     | 0.03      | 0         | 57.6 | 58.9 | 46.9 | 161        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 14  | 9    | 34     | 57     | 0.968     | -0.039    | 1.368 | 0.026     | 0.023     | 0         | 58   | 59.3 | 49   | 162        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 9    | 44     | 57     | 0.968     | 0.056     | 1.365 | 0.03      | 0.026     | 0         | 57.6 | 59.3 | 50.7 | 161        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 14  | 9    | 54     | 57     | 0.892     | -0.007    | 1.365 | 0.026     | 0.023     | 0         | 58.5 | 60.2 | 51.6 | 163        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 10   | 4      | 57     | 0.945     | -0.056    | 1.365 | 0.03      | 0.026     | 0         | 58   | 60.2 | 44.3 | 162        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 10   | 14     | 57     | 0.994     | -0.023    | 1.365 | 0.03      | 0.026     | 0         | 58.5 | 60.2 | 55   | 163        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 10   | 24     | 57     | 0.945     | 0.003     | 1.365 | 0.033     | 0.03      | 0         | 58.5 | 60.2 | 55.5 | 163        | 166        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 10   | 34     | 57     | 0.955     | -0.043    | 1.365 | 0.03      | 0.026     | 0         | 58   | 60.2 | 56.3 | 162        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 10   | 44     | 57     | 0.886     | 0.043     | 1.365 | 0.036     | 0.033     | 0         | 58   | 60.2 | 57.6 | 162        | 166        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 10   | 54     | 57     | 0.971     | 0.007     | 1.365 | 0.033     | 0.03      | 0         | 58   | 59.8 | 57.2 | 162        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 11   | 4      | 57     | 0.984     | -0.046    | 1.365 | 0.023     | 0.023     | 0         | 58.9 | 59.8 | 58.9 | 163        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 11   | 14     | 57     | 0.932     | -0.062    | 1.365 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 59.8 | 163        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 11   | 24     | 57     | 0.873     | 0.013     | 1.365 | 0.033     | 0.03      | 0         | 58.5 | 60.2 | 57.2 | 163        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 11   | 34     | 57     | 0.912     | 0.023     | 1.365 | 0.03      | 0.026     | 0         | 58.9 | 60.2 | 59.3 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 11   | 44     | 57     | 0.958     | 0.036     | 1.365 | 0.03      | 0.026     | 0         | 58.5 | 60.2 | 55.9 | 163        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 11   | 54     | 57     | 0.902     | 0         | 1.365 | 0.033     | 0.03      | 0         | 58   | 60.6 | 59.3 | 162        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 12   | 4      | 57     | 0.981     | -0.016    | 1.365 | 0.033     | 0.03      | 0         | 58.5 | 61.1 | 58.5 | 162        | 168        | 0          | 26     | 26     |
| 2009 | 6     | 14  | 12   | 14     | 57     | 0.951     | 0.02      | 1.365 | 0.026     | 0.023     | 0         | 58.9 | 61.5 | 58   | 163        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 14  | 12   | 24     | 57     | 0.892     | -0.033    | 1.365 | 0.033     | 0.03      | 0         | 58   | 60.6 | 52.9 | 162        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 12   | 34     | 57     | 0.948     | 0.01      | 1.365 | 0.033     | 0.03      | 0         | 58.5 | 61.1 | 58.5 | 163        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 12   | 44     | 57     | 0.889     | 0.01      | 1.365 | 0.036     | 0.033     | 0         | 58   | 60.6 | 55.9 | 162        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 12   | 54     | 57     | 0.955     | 0.007     | 1.365 | 0.03      | 0.026     | 0         | 58.5 | 61.1 | 56.8 | 163        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 13   | 4      | 57     | 0.925     | -0.003    | 1.365 | 0.03      | 0.026     | 0         | 58.9 | 61.1 | 56.8 | 163        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 13   | 14     | 57     | 0.925     | 0.023     | 1.365 | 0.026     | 0.023     | 0         | 58.5 | 61.1 | 58   | 162        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 13   | 24     | 57     | 0.968     | 0.03      | 1.365 | 0.03      | 0.03      | 0         | 58   | 60.6 | 59.3 | 162        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 13   | 34     | 57     | 0.965     | 0         | 1.362 | 0.03      | 0.03      | 0         | 58.5 | 61.1 | 53.8 | 162        | 168        | 0          | 26     | 26     |
| 2009 | 6     | 14  | 13   | 44     | 57     | 0.902     | 0.049     | 1.365 | 0.033     | 0.03      | 0         | 59.8 | 62.8 | 55.5 | 166        | 173        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 13   | 54     | 57     | 0.958     | 0.01      | 1.362 | 0.033     | 0.03      | 0         | 59.3 | 62.8 | 55   | 165        | 172        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 14   | 4      | 57     | 0.902     | 0.03      | 1.362 | 0.03      | 0.03      | 0         | 59.3 | 61.9 | 58   | 164        | 171        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 14   | 14     | 57     | 0.876     | 0         | 1.362 | 0.033     | 0.03      | 0         | 60.2 | 63.6 | 55.5 | 167        | 174        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 14   | 24     | 57     | 0.974     | 0.043     | 1.362 | 0.03      | 0.03      | 0         | 59.3 | 61.9 | 56.8 | 164        | 171        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 14   | 34     | 57     | 0.942     | 0.056     | 1.362 | 0.023     | 0.02      | 0         | 59.3 | 62.4 | 56.8 | 164        | 171        | 0          | 26     | 26     |
| 2009 | 6     | 14  | 14   | 44     | 57     | 0.906     | 0.062     | 1.362 | 0.03      | 0.026     | 0         | 59.3 | 61.9 | 56.3 | 164        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 14  | 14   | 54     | 57     | 0.896     | -0.046    | 1.362 | 0.033     | 0.03      | 0         | 58.5 | 61.5 | 53.8 | 163        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 15   | 4      | 57     | 0.945     | 0.02      | 1.362 | 0.03      | 0.026     | 0         | 59.3 | 61.9 | 55   | 164        | 171        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 15   | 14     | 57     | 0.961     | -0.023    | 1.362 | 0.026     | 0.023     | 0         | 58.9 | 61.9 | 55.9 | 163        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 14  | 15   | 24     | 57     | 0.906     | 0.102     | 1.362 | 0.03      | 0.026     | 0         | 59.3 | 61.9 | 58   | 163        | 170        | 0          | 25     | 26     |
| 2009 | 6     | 14  | 15   | 34     | 57     | 0.889     | 0.02      | 1.362 | 0.033     | 0.03      | 0         | 59.8 | 62.8 | 54.6 | 165        | 173        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 15   | 44     | 57     | 0.974     | -0.023    | 1.362 | 0.033     | 0.03      | 0         | 59.8 | 63.2 | 54.2 | 166        | 173        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 15   | 54     | 57     | 0.925     | 0.023     | 1.362 | 0.026     | 0.023     | 0         | 58.9 | 61.9 | 55.5 | 164        | 171        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 14  | 16   | 4      | 57     | 0.919     | 0.046     | 1.362 | 0.036     | 0.033     | 0         | 58.9 | 61.5 | 57.2 | 163        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 16   | 14     | 57     | 0.948     | 0.013     | 1.362 | 0.03      | 0.03      | 0         | 59.8 | 63.2 | 54.6 | 165        | 173        | 0          | 26     | 26     |
| 2009 | 6     | 14  | 16   | 24     | 57     | 0.974     | -0.003    | 1.362 | 0.03      | 0.026     | 0         | 58   | 61.5 | 58.5 | 162        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 16   | 34     | 57     | 0.909     | -0.052    | 1.362 | 0.033     | 0.033     | 0         | 58   | 61.1 | 58.9 | 162        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 16   | 44     | 57     | 0.958     | 0.003     | 1.358 | 0.033     | 0.033     | 0         | 59.3 | 61.9 | 55.5 | 164        | 171        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 16   | 54     | 57     | 0.955     | 0         | 1.358 | 0.03      | 0.026     | 0         | 58.5 | 61.5 | 57.6 | 163        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 17   | 4      | 57     | 0.928     | 0.03      | 1.358 | 0.03      | 0.026     | 0         | 58.5 | 61.5 | 55.5 | 162        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 14  | 17   | 14     | 57     | 0.994     | 0.016     | 1.358 | 0.033     | 0.03      | 0         | 58.5 | 61.9 | 57.6 | 163        | 170        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 17   | 24     | 57     | 1.007     | 0.01      | 1.358 | 0.03      | 0.026     | 0         | 58.5 | 61.5 | 57.2 | 162        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 14  | 17   | 34     | 57     | 0.922     | -0.03     | 1.358 | 0.026     | 0.023     | 0         | 58.5 | 61.5 | 58   | 162        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 14  | 17   | 44     | 57     | 0.955     | 0.013     | 1.358 | 0.026     | 0.023     | 0         | 58.5 | 61.5 | 59.3 | 162        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 14  | 17   | 54     | 57     | 0.978     | -0.016    | 1.358 | 0.033     | 0.03      | 0         | 58   | 60.6 | 56.3 | 162        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 18   | 4      | 57     | 0.948     | 0.026     | 1.358 | 0.03      | 0.03      | 0         | 58.9 | 61.9 | 59.3 | 163        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 14  | 18   | 14     | 57     | 0.981     | 0.039     | 1.358 | 0.033     | 0.03      | 0         | 58   | 61.1 | 55   | 161        | 168        | 0          | 26     | 26     |
| 2009 | 6     | 14  | 18   | 24     | 57     | 1.01      | 0         | 1.358 | 0.036     | 0.033     | 0         | 58   | 60.6 | 60.6 | 162        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 18   | 34     | 57     | 0.991     | 0.003     | 1.358 | 0.03      | 0.026     | 0         | 58   | 61.1 | 60.6 | 161        | 168        | 0          | 26     | 26     |
| 2009 | 6     | 14  | 18   | 44     | 57     | 1.001     | 0         | 1.358 | 0.033     | 0.03      | 0         | 57.6 | 60.6 | 59.8 | 161        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 18   | 54     | 57     | 0.951     | -0.02     | 1.358 | 0.03      | 0.03      | 0         | 58   | 61.1 | 60.6 | 162        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 19   | 4      | 57     | 0.909     | 0.062     | 1.358 | 0.03      | 0.03      | 0         | 58   | 60.6 | 60.6 | 162        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 19   | 14     | 57     | 0.879     | -0.03     | 1.358 | 0.03      | 0.026     | 0         | 58.5 | 60.2 | 60.6 | 162        | 168        | 0          | 26     | 28     |
| 2009 | 6     | 14  | 19   | 24     | 57     | 0.988     | 0.03      | 1.358 | 0.03      | 0.03      | 0         | 57.6 | 60.6 | 60.6 | 161        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 19   | 34     | 57     | 0.928     | 0.079     | 1.358 | 0.026     | 0.023     | 0         | 58.5 | 60.6 | 60.6 | 162        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 19   | 44     | 57     | 0.968     | 0.003     | 1.358 | 0.03      | 0.03      | 0         | 58   | 61.1 | 60.2 | 162        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 19   | 54     | 57     | 0.955     | 0.049     | 1.358 | 0.033     | 0.03      | 0         | 58.9 | 61.5 | 60.6 | 163        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 20   | 4      | 57     | 0.925     | 0         | 1.358 | 0.026     | 0.023     | 0         | 58.9 | 61.5 | 60.2 | 163        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 20   | 14     | 57     | 0.958     | -0.049    | 1.358 | 0.026     | 0.023     | 0         | 58.5 | 61.1 | 58.9 | 162        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 20   | 24     | 57     | 0.981     | -0.013    | 1.358 | 0.03      | 0.026     | 0         | 57.2 | 60.6 | 58.9 | 161        | 168        | 0          | 28     | 27     |
| 2009 | 6     | 14  | 20   | 34     | 57     | 0.922     | -0.013    | 1.358 | 0.033     | 0.03      | 0         | 58.5 | 61.9 | 59.3 | 163        | 170        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 20   | 44     | 57     | 0.942     | -0.03     | 1.358 | 0.033     | 0.03      | 0         | 58   | 61.1 | 58.5 | 162        | 170        | 0          | 27     | 28     |
| 2009 | 6     | 14  | 20   | 54     | 57     | 0.938     | 0.007     | 1.358 | 0.033     | 0.03      | 0         | 58.5 | 61.5 | 58.9 | 162        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 21   | 4      | 57     | 1.014     | -0.03     | 1.358 | 0.026     | 0.023     | 0         | 58   | 61.1 | 58.9 | 162        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 21   | 14     | 57     | 0.978     | 0         | 1.358 | 0.026     | 0.023     | 0         | 58.5 | 61.1 | 57.2 | 162        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 21   | 24     | 57     | 0.951     | 0.026     | 1.358 | 0.033     | 0.03      | 0         | 58.9 | 61.9 | 56.3 | 163        | 171        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 21   | 34     | 57     | 0.988     | 0.013     | 1.358 | 0.03      | 0.026     | 0         | 58   | 61.5 | 59.3 | 162        | 169        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 21   | 44     | 57     | 0.948     | 0         | 1.362 | 0.026     | 0.023     | 0         | 58.5 | 61.5 | 57.2 | 162        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 21   | 54     | 57     | 0.994     | 0         | 1.358 | 0.033     | 0.033     | 0         | 58.5 | 61.5 | 58   | 163        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 22   | 4      | 57     | 0.922     | 0.013     | 1.362 | 0.03      | 0.03      | 0         | 58.5 | 61.5 | 58   | 163        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 22   | 14     | 57     | 0.958     | 0         | 1.358 | 0.03      | 0.03      | 0         | 58.5 | 60.6 | 58.9 | 163        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 22   | 24     | 57     | 0.965     | -0.003    | 1.358 | 0.033     | 0.03      | 0         | 60.6 | 61.1 | 58   | 167        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 22   | 34     | 57     | 0.971     | 0.01      | 1.358 | 0.03      | 0.026     | 0         | 60.6 | 60.6 | 59.3 | 167        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 22   | 44     | 57     | 0.932     | 0.03      | 1.358 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 59.8 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 22   | 54     | 57     | 1.024     | 0.043     | 1.358 | 0.03      | 0.026     | 0         | 60.2 | 61.1 | 59.8 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 23   | 4      | 57     | 0.925     | 0.039     | 1.362 | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 58.5 | 166        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 23   | 14     | 57     | 0.984     | 0         | 1.362 | 0.03      | 0.026     | 0         | 60.2 | 61.5 | 58.9 | 167        | 169        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 23   | 24     | 57     | 0.991     | -0.079    | 1.362 | 0.026     | 0.023     | 0         | 61.1 | 61.1 | 54.2 | 168        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 23   | 34     | 57     | 0.948     | 0.02      | 1.358 | 0.026     | 0.023     | 0         | 60.6 | 60.6 | 55.5 | 167        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 23   | 44     | 57     | 0.991     | -0.023    | 1.358 | 0.03      | 0.03      | 0         | 59.8 | 61.1 | 54.2 | 167        | 169        | 0          | 28     | 27     |
| 2009 | 6     | 14  | 23   | 54     | 57     | 0.955     | 0.02      | 1.358 | 0.033     | 0.03      | 0         | 60.6 | 60.6 | 52.9 | 168        | 169        | 0          | 27     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 15  | 0    | 4      | 57     | 0.945     | -0.007    | 1.358 | 0.03      | 0.026     | 0         | 60.6 | 60.2 | 53.8 | 168        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 15  | 0    | 14     | 57     | 0.958     | -0.036    | 1.358 | 0.03      | 0.026     | 0         | 60.6 | 60.6 | 55   | 168        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 0    | 24     | 57     | 0.958     | -0.046    | 1.358 | 0.03      | 0.026     | 0         | 60.2 | 60.6 | 58   | 167        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 0    | 34     | 57     | 0.951     | 0.016     | 1.358 | 0.026     | 0.023     | 0         | 60.6 | 60.6 | 56.8 | 168        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 0    | 44     | 57     | 0.984     | -0.049    | 1.358 | 0.036     | 0.033     | 0         | 60.2 | 60.6 | 57.2 | 167        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 0    | 54     | 57     | 0.945     | 0.098     | 1.358 | 0.03      | 0.03      | 0         | 60.2 | 60.6 | 59.8 | 167        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 1    | 4      | 57     | 0.945     | -0.013    | 1.358 | 0.03      | 0.03      | 0         | 59.8 | 60.2 | 57.6 | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 1    | 14     | 57     | 0.899     | -0.059    | 1.358 | 0.03      | 0.026     | 0         | 60.2 | 60.2 | 59.3 | 167        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 1    | 24     | 57     | 0.984     | -0.043    | 1.362 | 0.033     | 0.03      | 0         | 60.2 | 60.6 | 59.3 | 167        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 1    | 34     | 57     | 0.906     | 0         | 1.358 | 0.033     | 0.03      | 0         | 60.2 | 59.8 | 60.2 | 167        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 15  | 1    | 44     | 57     | 0.997     | -0.013    | 1.362 | 0.03      | 0.026     | 0         | 60.2 | 60.6 | 59.3 | 167        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 1    | 54     | 57     | 0.958     | -0.007    | 1.362 | 0.039     | 0.036     | 0         | 60.6 | 60.6 | 59.8 | 167        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 2    | 4      | 57     | 0.978     | -0.013    | 1.362 | 0.033     | 0.03      | 0         | 60.2 | 60.2 | 60.2 | 167        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 2    | 14     | 57     | 0.958     | 0.039     | 1.358 | 0.03      | 0.026     | 0         | 60.2 | 60.6 | 59.3 | 167        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 2    | 24     | 57     | 0.968     | 0.039     | 1.358 | 0.03      | 0.026     | 0         | 60.2 | 60.2 | 60.2 | 167        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 2    | 34     | 57     | 0.978     | -0.023    | 1.358 | 0.033     | 0.03      | 0         | 59.8 | 60.2 | 59.8 | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 2    | 44     | 57     | 1.001     | -0.023    | 1.362 | 0.03      | 0.026     | 0         | 59.8 | 59.8 | 58   | 166        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 15  | 2    | 54     | 57     | 0.968     | -0.023    | 1.358 | 0.026     | 0.023     | 0         | 60.2 | 60.2 | 59.8 | 167        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 3    | 4      | 57     | 0.948     | -0.02     | 1.358 | 0.033     | 0.03      | 0         | 59.8 | 60.2 | 60.2 | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 3    | 14     | 57     | 0.951     | 0         | 1.358 | 0.033     | 0.03      | 0         | 60.2 | 60.2 | 60.2 | 166        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 3    | 24     | 57     | 0.955     | 0.039     | 1.358 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 59.8 | 166        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 15  | 3    | 34     | 57     | 0.971     | 0.013     | 1.358 | 0.03      | 0.026     | 0         | 59.8 | 59.8 | 59.8 | 166        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 15  | 3    | 44     | 57     | 0.971     | 0.036     | 1.358 | 0.03      | 0.03      | 0         | 59.8 | 59.8 | 59.3 | 166        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 15  | 3    | 54     | 57     | 0.951     | 0         | 1.358 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 60.2 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 4    | 4      | 57     | 0.971     | 0         | 1.358 | 0.03      | 0.03      | 0         | 59.8 | 60.2 | 58.9 | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 4    | 14     | 57     | 0.945     | -0.007    | 1.358 | 0.03      | 0.026     | 0         | 59.3 | 59.8 | 60.2 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 4    | 24     | 57     | 0.938     | -0.085    | 1.358 | 0.026     | 0.023     | 0         | 59.8 | 59.8 | 60.2 | 166        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 4    | 34     | 57     | 0.961     | 0.056     | 1.358 | 0.03      | 0.026     | 0         | 60.2 | 59.8 | 60.6 | 166        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 4    | 44     | 57     | 0.978     | -0.03     | 1.358 | 0.033     | 0.03      | 0         | 59.8 | 59.8 | 60.2 | 166        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 4    | 54     | 57     | 0.951     | 0.033     | 1.358 | 0.03      | 0.026     | 0         | 60.2 | 59.8 | 59.8 | 166        | 167        | 0          | 26     | 28     |
| 2009 | 6     | 15  | 5    | 4      | 57     | 0.997     | 0.003     | 1.358 | 0.03      | 0.03      | 0         | 59.8 | 59.3 | 59.8 | 166        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 15  | 5    | 14     | 57     | 0.981     | -0.036    | 1.358 | 0.03      | 0.026     | 0         | 59.8 | 59.8 | 59.3 | 166        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 5    | 24     | 57     | 0.981     | 0.046     | 1.358 | 0.033     | 0.033     | 0         | 59.3 | 59.8 | 60.2 | 166        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 15  | 5    | 34     | 57     | 0.951     | -0.016    | 1.358 | 0.03      | 0.03      | 0         | 59.8 | 59.8 | 59.8 | 166        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 5    | 44     | 57     | 0.997     | 0.03      | 1.358 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 60.2 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 5    | 54     | 57     | 0.951     | 0.023     | 1.358 | 0.03      | 0.03      | 0         | 59.8 | 59.8 | 59.8 | 166        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 6    | 4      | 57     | 0.968     | 0.026     | 1.358 | 0.033     | 0.03      | 0         | 59.8 | 59.3 | 60.2 | 166        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 6    | 14     | 57     | 0.909     | 0.03      | 1.358 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 59.8 | 165        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 15  | 6    | 24     | 57     | 0.951     | 0.02      | 1.358 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 59.8 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 6    | 34     | 57     | 0.919     | -0.013    | 1.358 | 0.033     | 0.03      | 0         | 59.3 | 59.3 | 60.2 | 165        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 6    | 44     | 57     | 0.932     | 0.059     | 1.358 | 0.03      | 0.026     | 0         | 59.3 | 59.3 | 59.8 | 165        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 6    | 54     | 57     | 0.925     | 0.03      | 1.358 | 0.03      | 0.03      | 0         | 59.3 | 58.9 | 60.2 | 165        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 15  | 7    | 4      | 57     | 0.922     | -0.079    | 1.358 | 0.036     | 0.033     | 0         | 59.3 | 59.8 | 59.8 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 7    | 14     | 57     | 0.994     | 0.007     | 1.358 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 60.2 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 7    | 24     | 57     | 1.017     | 0.013     | 1.358 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 59.3 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 7    | 34     | 57     | 0.994     | -0.007    | 1.358 | 0.033     | 0.03      | 0         | 59.3 | 59.3 | 58.5 | 165        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 15  | 7    | 44     | 57     | 0.902     | 0.049     | 1.358 | 0.033     | 0.03      | 0         | 59.3 | 59.3 | 57.2 | 165        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 7    | 54     | 57     | 1.004     | -0.03     | 1.358 | 0.03      | 0.026     | 0         | 59.3 | 59.3 | 56.8 | 165        | 166        | 0          | 27     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 15  | 8    | 4      | 57     | 0.919     | 0.007     | 1.358 | 0.03      | 0.026     | 0         | 59.3 | 59.8 | 59.3 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 8    | 14     | 57     | 0.958     | -0.026    | 1.358 | 0.03      | 0.026     | 0         | 59.3 | 59.8 | 58.9 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 8    | 24     | 57     | 0.958     | -0.033    | 1.358 | 0.03      | 0.03      | 0         | 58.9 | 58.9 | 54.2 | 165        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 15  | 8    | 34     | 57     | 0.988     | 0.036     | 1.358 | 0.033     | 0.03      | 0         | 59.8 | 59.8 | 56.3 | 165        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 8    | 44     | 57     | 1.004     | -0.016    | 1.358 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 55   | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 8    | 54     | 57     | 0.948     | 0.03      | 1.358 | 0.03      | 0.03      | 0         | 59.3 | 59.8 | 59.3 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 9    | 4      | 57     | 0.958     | -0.023    | 1.358 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 59.3 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 9    | 14     | 57     | 0.896     | -0.026    | 1.358 | 0.03      | 0.026     | 0         | 59.3 | 59.8 | 59.8 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 9    | 24     | 57     | 0.942     | 0.066     | 1.358 | 0.036     | 0.033     | 0         | 59.3 | 59.8 | 58.5 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 9    | 34     | 57     | 0.991     | 0.03      | 1.355 | 0.033     | 0.033     | 0         | 59.3 | 59.8 | 60.2 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 9    | 44     | 57     | 0.935     | -0.023    | 1.358 | 0.03      | 0.03      | 0         | 60.6 | 61.1 | 60.2 | 168        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 9    | 54     | 57     | 1.004     | 0.026     | 1.358 | 0.03      | 0.026     | 0         | 59.3 | 59.8 | 61.1 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 10   | 4      | 57     | 1.017     | 0         | 1.355 | 0.026     | 0.023     | 0         | 59.3 | 59.8 | 44.3 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 10   | 14     | 57     | 0.988     | -0.059    | 1.358 | 0.03      | 0.026     | 0         | 59.3 | 59.8 | 59.3 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 10   | 24     | 57     | 1.017     | 0.049     | 1.358 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 55.9 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 10   | 34     | 57     | 0.988     | 0.013     | 1.358 | 0.033     | 0.03      | 0         | 59.8 | 60.2 | 59.8 | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 10   | 44     | 57     | 0.997     | 0.039     | 1.355 | 0.03      | 0.026     | 0         | 59.8 | 60.6 | 59.8 | 166        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 15  | 10   | 54     | 57     | 0.915     | 0.046     | 1.355 | 0.03      | 0.03      | 0         | 59.8 | 60.2 | 60.2 | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 11   | 4      | 57     | 0.935     | 0.013     | 1.355 | 0.03      | 0.03      | 0         | 60.2 | 60.2 | 58.5 | 166        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 11   | 14     | 57     | 0.902     | 0.075     | 1.355 | 0.026     | 0.023     | 0         | 60.2 | 60.6 | 58   | 167        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 11   | 24     | 57     | 0.978     | 0.049     | 1.355 | 0.03      | 0.026     | 0         | 60.6 | 61.1 | 56.3 | 167        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 11   | 34     | 57     | 0.965     | 0         | 1.355 | 0.033     | 0.033     | 0         | 61.5 | 61.5 | 56.3 | 169        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 11   | 44     | 57     | 0.942     | 0.092     | 1.355 | 0.03      | 0.026     | 0         | 61.1 | 61.9 | 57.2 | 168        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 15  | 11   | 54     | 57     | 0.925     | 0.052     | 1.355 | 0.03      | 0.026     | 0         | 61.1 | 61.1 | 52.9 | 168        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 12   | 4      | 57     | 0.889     | 0.062     | 1.355 | 0.03      | 0.026     | 0         | 61.1 | 61.5 | 57.2 | 169        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 12   | 14     | 57     | 0.984     | 0.066     | 1.355 | 0.03      | 0.026     | 0         | 60.6 | 61.5 | 55.5 | 168        | 169        | 0          | 27     | 26     |
| 2009 | 6     | 15  | 12   | 24     | 57     | 0.965     | 0.036     | 1.355 | 0.03      | 0.026     | 0         | 61.1 | 61.1 | 56.3 | 168        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 12   | 34     | 57     | 0.892     | 0.075     | 1.352 | 0.03      | 0.03      | 0         | 61.1 | 61.1 | 52.9 | 168        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 12   | 44     | 57     | 0.961     | 0.066     | 1.352 | 0.026     | 0.026     | 0         | 61.5 | 61.9 | 50.7 | 169        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 15  | 12   | 54     | 57     | 0.892     | 0.023     | 1.352 | 0.03      | 0.026     | 0         | 61.1 | 61.9 | 54.2 | 169        | 170        | 0          | 27     | 26     |
| 2009 | 6     | 15  | 13   | 4      | 57     | 1.01      | 0.056     | 1.352 | 0.03      | 0.026     | 0         | 61.1 | 61.5 | 52.5 | 168        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 13   | 14     | 57     | 0.955     | 0.052     | 1.352 | 0.026     | 0.023     | 0         | 60.2 | 60.6 | 50.7 | 167        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 13   | 24     | 57     | 0.961     | -0.046    | 1.352 | 0.03      | 0.03      | 0         | 61.1 | 61.1 | 54.6 | 168        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 13   | 34     | 57     | 0.925     | 0.033     | 1.348 | 0.03      | 0.026     | 0         | 61.1 | 61.9 | 49.5 | 169        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 13   | 44     | 57     | 1.007     | -0.036    | 1.348 | 0.026     | 0.023     | 0         | 60.6 | 61.1 | 54.6 | 167        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 13   | 54     | 57     | 0.879     | 0.03      | 1.348 | 0.026     | 0.023     | 0         | 60.6 | 61.1 | 55   | 168        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 14   | 4      | 57     | 0.978     | 0.039     | 1.348 | 0.033     | 0.03      | 0         | 61.1 | 61.5 | 54.6 | 168        | 169        | 0          | 26     | 26     |
| 2009 | 6     | 15  | 14   | 14     | 57     | 0.925     | 0.036     | 1.348 | 0.033     | 0.03      | 0         | 60.6 | 60.6 | 57.2 | 167        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 14   | 24     | 57     | 0.942     | 0.046     | 1.348 | 0.03      | 0.026     | 0         | 60.2 | 60.2 | 57.6 | 167        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 14   | 34     | 57     | 0.974     | 0.02      | 1.348 | 0.03      | 0.03      | 0         | 60.6 | 60.2 | 56.8 | 167        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 14   | 44     | 57     | 0.997     | 0.026     | 1.348 | 0.036     | 0.033     | 0         | 60.2 | 60.6 | 50.7 | 167        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 15  | 14   | 54     | 57     | 0.984     | 0.062     | 1.345 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 39.6 | 166        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 15  | 15   | 4      | 57     | 0.948     | 0.056     | 1.342 | 0.03      | 0.03      | 0         | 60.2 | 60.6 | 40.9 | 167        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 15   | 14     | 57     | 1.076     | 0.052     | 1.345 | 0.03      | 0.03      | 0         | 60.6 | 61.1 | 40.9 | 168        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 15   | 24     | 57     | 0.994     | 0.072     | 1.345 | 0.039     | 0.036     | 0         | 61.5 | 62.4 | 37.8 | 169        | 171        | 0          | 26     | 26     |
| 2009 | 6     | 15  | 15   | 34     | 57     | 0.961     | 0.062     | 1.348 | 0.03      | 0.026     | 0         | 61.1 | 62.4 | 38.7 | 169        | 171        | 0          | 27     | 26     |
| 2009 | 6     | 15  | 15   | 44     | 57     | 1.007     | 0.007     | 1.348 | 0.03      | 0.026     | 0         | 61.5 | 61.9 | 38.3 | 169        | 171        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 15   | 54     | 57     | 0.974     | 0.089     | 1.345 | 0.026     | 0.023     | 0         | 61.5 | 62.4 | 37.4 | 170        | 171        | 0          | 27     | 26     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 15  | 16   | 4      | 57     | 1.004     | 0.072     | 1.345 | 0.026     | 0.023     | 0         | 61.9 | 61.9 | 39.6 | 170        | 171        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 16   | 14     | 57     | 0.978     | 0.043     | 1.345 | 0.033     | 0.03      | 0         | 61.9 | 62.4 | 34.8 | 170        | 171        | 0          | 26     | 26     |
| 2009 | 6     | 15  | 16   | 24     | 57     | 1.02      | 0.059     | 1.345 | 0.033     | 0.03      | 0         | 61.9 | 62.4 | 35.3 | 170        | 171        | 0          | 26     | 26     |
| 2009 | 6     | 15  | 16   | 34     | 57     | 1.01      | 0.118     | 1.345 | 0.033     | 0.03      | 0         | 61.9 | 62.4 | 38.3 | 170        | 171        | 0          | 26     | 26     |
| 2009 | 6     | 15  | 16   | 44     | 57     | 0.971     | 0.082     | 1.345 | 0.033     | 0.03      | 0         | 61.1 | 61.9 | 37.4 | 169        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 16   | 54     | 57     | 0.978     | 0.095     | 1.345 | 0.026     | 0.023     | 0         | 61.5 | 61.9 | 36.1 | 169        | 171        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 17   | 4      | 57     | 0.935     | 0.148     | 1.352 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 57.2 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 17   | 14     | 57     | 0.971     | 0.03      | 1.352 | 0.023     | 0.023     | 0         | 61.5 | 61.5 | 50.7 | 169        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 17   | 24     | 57     | 0.935     | 0.039     | 1.352 | 0.026     | 0.023     | 0         | 61.5 | 61.9 | 58   | 169        | 170        | 0          | 26     | 26     |
| 2009 | 6     | 15  | 17   | 34     | 57     | 1.01      | 0.085     | 1.352 | 0.033     | 0.03      | 0         | 61.1 | 61.5 | 58.5 | 169        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 17   | 44     | 57     | 0.938     | 0.052     | 1.348 | 0.03      | 0.03      | 0         | 61.1 | 61.5 | 52.9 | 169        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 17   | 54     | 57     | 1.014     | 0.072     | 1.352 | 0.03      | 0.03      | 0         | 61.5 | 61.9 | 53.3 | 170        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 18   | 4      | 57     | 0.906     | 0.092     | 1.352 | 0.033     | 0.03      | 0         | 61.1 | 61.1 | 59.3 | 169        | 170        | 0          | 27     | 28     |
| 2009 | 6     | 15  | 18   | 14     | 57     | 0.981     | 0.033     | 1.352 | 0.03      | 0.026     | 0         | 61.1 | 61.5 | 59.8 | 169        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 18   | 24     | 57     | 0.991     | 0.082     | 1.352 | 0.036     | 0.033     | 0         | 60.6 | 60.6 | 60.6 | 168        | 169        | 0          | 27     | 28     |
| 2009 | 6     | 15  | 18   | 34     | 57     | 0.981     | 0.007     | 1.352 | 0.033     | 0.03      | 0         | 61.1 | 61.9 | 60.6 | 169        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 18   | 44     | 57     | 0.879     | 0.095     | 1.352 | 0.033     | 0.03      | 0         | 61.1 | 62.4 | 60.2 | 169        | 171        | 0          | 27     | 26     |
| 2009 | 6     | 15  | 18   | 54     | 57     | 0.915     | -0.007    | 1.352 | 0.03      | 0.026     | 0         | 60.6 | 61.5 | 58.9 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 19   | 4      | 57     | 0.942     | 0.056     | 1.352 | 0.026     | 0.023     | 0         | 61.1 | 61.5 | 54.2 | 168        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 19   | 14     | 57     | 0.945     | 0.003     | 1.348 | 0.033     | 0.03      | 0         | 61.1 | 61.5 | 40   | 169        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 19   | 24     | 57     | 0.925     | 0.03      | 1.348 | 0.03      | 0.026     | 0         | 61.5 | 61.9 | 39.6 | 170        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 19   | 34     | 57     | 0.974     | 0.033     | 1.352 | 0.03      | 0.026     | 0         | 61.1 | 61.5 | 39.6 | 169        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 19   | 44     | 57     | 0.994     | 0.03      | 1.352 | 0.033     | 0.03      | 0         | 61.5 | 61.9 | 42.1 | 169        | 171        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 19   | 54     | 57     | 0.994     | -0.013    | 1.352 | 0.026     | 0.023     | 0         | 61.9 | 61.9 | 41.7 | 170        | 171        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 20   | 4      | 57     | 1.02      | 0.023     | 1.348 | 0.03      | 0.026     | 0         | 61.1 | 61.9 | 38.3 | 169        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 20   | 14     | 57     | 0.971     | 0.036     | 1.348 | 0.03      | 0.03      | 0         | 61.1 | 61.9 | 38.3 | 169        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 20   | 24     | 57     | 0.958     | 0.079     | 1.345 | 0.033     | 0.03      | 0         | 61.1 | 61.5 | 40   | 169        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 20   | 34     | 57     | 0.994     | 0         | 1.348 | 0.03      | 0.03      | 0         | 61.1 | 61.5 | 38.3 | 169        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 20   | 44     | 57     | 0.932     | 0.01      | 1.348 | 0.03      | 0.03      | 0         | 61.1 | 61.5 | 37.8 | 169        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 20   | 54     | 57     | 0.906     | -0.01     | 1.345 | 0.033     | 0.03      | 0         | 61.1 | 62.4 | 39.1 | 169        | 171        | 0          | 27     | 26     |
| 2009 | 6     | 15  | 21   | 4      | 57     | 1.01      | -0.033    | 1.345 | 0.03      | 0.026     | 0         | 61.1 | 61.9 | 37   | 169        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 21   | 14     | 57     | 0.935     | 0.007     | 1.345 | 0.03      | 0.03      | 0         | 61.1 | 61.9 | 40   | 169        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 21   | 24     | 57     | 0.984     | 0.01      | 1.348 | 0.039     | 0.036     | 0         | 61.5 | 62.8 | 39.6 | 170        | 172        | 0          | 27     | 26     |
| 2009 | 6     | 15  | 21   | 34     | 57     | 0.938     | 0.013     | 1.345 | 0.03      | 0.026     | 0         | 61.1 | 61.9 | 36.1 | 169        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 21   | 44     | 57     | 0.942     | 0.013     | 1.345 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 38.7 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 21   | 54     | 57     | 0.925     | 0         | 1.348 | 0.03      | 0.03      | 0         | 60.6 | 60.6 | 40.4 | 168        | 169        | 0          | 27     | 28     |
| 2009 | 6     | 15  | 22   | 4      | 57     | 0.925     | 0.069     | 1.348 | 0.03      | 0.026     | 0         | 60.6 | 61.5 | 41.3 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 22   | 14     | 57     | 0.988     | 0.007     | 1.348 | 0.023     | 0.023     | 0         | 60.6 | 61.9 | 40   | 168        | 171        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 22   | 24     | 57     | 0.935     | 0.007     | 1.348 | 0.026     | 0.023     | 0         | 60.6 | 61.5 | 46.4 | 168        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 22   | 34     | 57     | 0.951     | 0.03      | 1.348 | 0.026     | 0.023     | 0         | 60.2 | 61.1 | 48.2 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 22   | 44     | 57     | 0.968     | -0.03     | 1.348 | 0.03      | 0.03      | 0         | 60.2 | 61.1 | 50.7 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 22   | 54     | 57     | 0.988     | 0.007     | 1.352 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 51.2 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 23   | 4      | 57     | 0.971     | -0.023    | 1.348 | 0.03      | 0.026     | 0         | 60.2 | 60.2 | 43.9 | 167        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 15  | 23   | 14     | 57     | 0.945     | 0.033     | 1.345 | 0.03      | 0.026     | 0         | 59.8 | 60.6 | 42.6 | 167        | 168        | 0          | 28     | 27     |
| 2009 | 6     | 15  | 23   | 24     | 57     | 1.004     | -0.075    | 1.348 | 0.03      | 0.03      | 0         | 59.3 | 60.6 | 40.9 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 23   | 34     | 57     | 1.007     | 0.003     | 1.348 | 0.026     | 0.023     | 0         | 60.2 | 60.6 | 40.4 | 167        | 169        | 0          | 27     | 28     |
| 2009 | 6     | 15  | 23   | 44     | 57     | 0.912     | 0.013     | 1.348 | 0.03      | 0.03      | 0         | 59.8 | 61.1 | 45.2 | 167        | 169        | 0          | 28     | 27     |
| 2009 | 6     | 15  | 23   | 54     | 57     | 0.968     | 0.049     | 1.352 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 47.7 | 167        | 169        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 16  | 0    | 4      | 57     | 0.991     | 0.043     | 1.352 | 0.033     | 0.03      | 0         | 59.8 | 60.2 | 49.5 | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 0    | 14     | 57     | 1.05      | -0.01     | 1.352 | 0.03      | 0.026     | 0         | 59.3 | 60.6 | 47.3 | 166        | 168        | 0          | 28     | 27     |
| 2009 | 6     | 16  | 0    | 24     | 57     | 0.978     | -0.01     | 1.348 | 0.03      | 0.03      | 0         | 59.8 | 60.6 | 55.5 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 0    | 34     | 57     | 0.978     | -0.007    | 1.348 | 0.03      | 0.03      | 0         | 59.8 | 60.6 | 56.8 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 0    | 44     | 57     | 1.007     | 0.03      | 1.352 | 0.03      | 0.026     | 0         | 59.8 | 60.2 | 54.2 | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 0    | 54     | 57     | 0.945     | 0.013     | 1.352 | 0.03      | 0.026     | 0         | 59.8 | 61.1 | 58.5 | 167        | 169        | 0          | 28     | 27     |
| 2009 | 6     | 16  | 1    | 4      | 57     | 0.869     | 0.016     | 1.352 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 59.3 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 1    | 14     | 57     | 0.945     | 0.049     | 1.352 | 0.03      | 0.03      | 0         | 59.8 | 60.6 | 51.6 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 1    | 24     | 57     | 0.958     | -0.02     | 1.352 | 0.026     | 0.023     | 0         | 59.8 | 60.6 | 57.2 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 1    | 34     | 57     | 0.899     | -0.046    | 1.352 | 0.03      | 0.03      | 0         | 59.8 | 60.6 | 57.6 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 1    | 44     | 57     | 0.925     | 0.02      | 1.352 | 0.03      | 0.026     | 0         | 60.2 | 61.1 | 53.8 | 168        | 170        | 0          | 28     | 28     |
| 2009 | 6     | 16  | 1    | 54     | 57     | 0.978     | 0.01      | 1.352 | 0.03      | 0.026     | 0         | 59.8 | 60.6 | 57.2 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 2    | 4      | 57     | 0.909     | 0.046     | 1.352 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 57.6 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 2    | 14     | 57     | 0.925     | 0.01      | 1.352 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 56.8 | 167        | 169        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 2    | 24     | 57     | 0.948     | 0.026     | 1.352 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 52.9 | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 2    | 34     | 57     | 0.942     | -0.059    | 1.352 | 0.03      | 0.026     | 0         | 59.8 | 60.6 | 43   | 166        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 2    | 44     | 57     | 0.961     | 0.033     | 1.352 | 0.026     | 0.023     | 0         | 59.8 | 60.2 | 46   | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 2    | 54     | 57     | 0.968     | 0.043     | 1.352 | 0.03      | 0.03      | 0         | 59.3 | 60.2 | 56.8 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 3    | 4      | 57     | 0.978     | 0         | 1.352 | 0.026     | 0.023     | 0         | 59.3 | 60.2 | 55.5 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 3    | 14     | 57     | 0.899     | 0.02      | 1.352 | 0.033     | 0.03      | 0         | 59.8 | 60.2 | 54.6 | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 3    | 24     | 57     | 0.925     | 0.026     | 1.352 | 0.03      | 0.03      | 0         | 59.3 | 60.2 | 56.8 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 3    | 34     | 57     | 0.925     | 0.043     | 1.352 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 54.6 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 3    | 44     | 57     | 0.932     | 0.02      | 1.355 | 0.03      | 0.03      | 0         | 59.3 | 60.2 | 53.3 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 3    | 54     | 57     | 0.912     | -0.007    | 1.355 | 0.023     | 0.023     | 0         | 59.3 | 60.2 | 55   | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 4    | 4      | 57     | 0.945     | 0.007     | 1.355 | 0.03      | 0.03      | 0         | 58.9 | 59.3 | 57.6 | 164        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 16  | 4    | 14     | 57     | 0.915     | 0.033     | 1.355 | 0.039     | 0.039     | 0         | 59.3 | 60.2 | 58   | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 4    | 24     | 57     | 1.004     | -0.02     | 1.355 | 0.03      | 0.026     | 0         | 59.8 | 60.2 | 58   | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 4    | 34     | 57     | 0.919     | -0.003    | 1.355 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 54.2 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 4    | 44     | 57     | 0.971     | -0.023    | 1.355 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 53.3 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 4    | 54     | 57     | 0.981     | 0.039     | 1.355 | 0.03      | 0.026     | 0         | 58.9 | 60.2 | 54.2 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 5    | 4      | 57     | 0.938     | 0.01      | 1.355 | 0.03      | 0.026     | 0         | 58.5 | 59.8 | 58.5 | 164        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 16  | 5    | 14     | 57     | 0.902     | -0.043    | 1.355 | 0.03      | 0.03      | 0         | 59.3 | 60.2 | 56.8 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 5    | 24     | 57     | 0.896     | 0         | 1.355 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 58.9 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 5    | 34     | 57     | 0.938     | -0.007    | 1.355 | 0.033     | 0.03      | 0         | 58.9 | 59.3 | 58   | 164        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 16  | 5    | 44     | 57     | 0.909     | 0.043     | 1.355 | 0.03      | 0.026     | 0         | 58.9 | 59.3 | 58.9 | 164        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 16  | 5    | 54     | 57     | 0.912     | 0.016     | 1.355 | 0.033     | 0.03      | 0         | 58.9 | 59.3 | 59.3 | 164        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 6    | 4      | 57     | 0.945     | 0.059     | 1.355 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 59.3 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 6    | 14     | 57     | 0.928     | 0.023     | 1.355 | 0.03      | 0.026     | 0         | 58.5 | 59.3 | 58.5 | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 6    | 24     | 57     | 0.922     | 0.049     | 1.355 | 0.036     | 0.033     | 0         | 58.5 | 59.3 | 59.3 | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 6    | 34     | 57     | 0.915     | 0.013     | 1.355 | 0.033     | 0.03      | 0         | 58   | 58.9 | 58   | 163        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 16  | 6    | 44     | 57     | 0.945     | -0.023    | 1.355 | 0.03      | 0.026     | 0         | 58   | 58.9 | 55.9 | 163        | 164        | 0          | 28     | 27     |
| 2009 | 6     | 16  | 6    | 54     | 57     | 0.961     | -0.03     | 1.358 | 0.03      | 0.026     | 0         | 58.5 | 59.8 | 57.6 | 163        | 165        | 0          | 27     | 26     |
| 2009 | 6     | 16  | 7    | 4      | 57     | 0.974     | -0.03     | 1.358 | 0.033     | 0.03      | 0         | 58   | 58.9 | 55.5 | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 7    | 14     | 57     | 0.945     | 0         | 1.358 | 0.03      | 0.026     | 0         | 58   | 59.3 | 55.9 | 162        | 164        | 0          | 27     | 26     |
| 2009 | 6     | 16  | 7    | 24     | 57     | 0.909     | 0.01      | 1.358 | 0.03      | 0.03      | 0         | 58   | 58.5 | 54.2 | 162        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 7    | 34     | 57     | 0.961     | 0.007     | 1.358 | 0.03      | 0.03      | 0         | 58.5 | 59.3 | 49   | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 7    | 44     | 57     | 0.955     | 0.026     | 1.358 | 0.03      | 0.026     | 0         | 57.6 | 58.5 | 52   | 162        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 16  | 7    | 54     | 57     | 1.024     | -0.016    | 1.358 | 0.03      | 0.03      | 0         | 58   | 58.9 | 55   | 162        | 164        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 16  | 8    | 4      | 57     | 0.932     | -0.02     | 1.355 | 0.033     | 0.03      | 0         | 58   | 58.9 | 55   | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 8    | 14     | 57     | 0.958     | -0.016    | 1.362 | 0.03      | 0.03      | 0         | 57.6 | 58.5 | 43.4 | 162        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 16  | 8    | 24     | 57     | 0.932     | -0.02     | 1.358 | 0.033     | 0.03      | 0         | 57.6 | 58.5 | 40.4 | 162        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 16  | 8    | 34     | 57     | 1.05      | -0.03     | 1.358 | 0.026     | 0.023     | 0         | 58   | 58.9 | 49.5 | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 8    | 44     | 57     | 0.948     | -0.003    | 1.362 | 0.026     | 0.023     | 0         | 58   | 58.9 | 41.7 | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 8    | 54     | 57     | 0.951     | 0.01      | 1.358 | 0.03      | 0.026     | 0         | 58   | 58.5 | 52   | 162        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 9    | 4      | 57     | 1.004     | 0.013     | 1.358 | 0.03      | 0.026     | 0         | 58.5 | 58   | 52   | 162        | 163        | 0          | 26     | 28     |
| 2009 | 6     | 16  | 9    | 14     | 57     | 0.978     | 0         | 1.358 | 0.026     | 0.023     | 0         | 58   | 58.5 | 54.6 | 162        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 9    | 24     | 57     | 0.919     | -0.043    | 1.358 | 0.026     | 0.023     | 0         | 58   | 58.5 | 53.3 | 162        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 9    | 34     | 57     | 0.902     | -0.049    | 1.358 | 0.026     | 0.023     | 0         | 58.5 | 59.3 | 53.8 | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 9    | 44     | 57     | 1.027     | 0.007     | 1.358 | 0.03      | 0.026     | 0         | 58.5 | 59.3 | 49.9 | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 9    | 54     | 57     | 0.958     | 0.036     | 1.358 | 0.03      | 0.026     | 0         | 58   | 59.3 | 53.8 | 162        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 10   | 4      | 57     | 0.912     | -0.023    | 1.358 | 0.03      | 0.026     | 0         | 58.5 | 58.9 | 53.3 | 163        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 10   | 14     | 57     | 0.948     | 0.013     | 1.358 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 49.9 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 10   | 24     | 57     | 1.03      | 0         | 1.358 | 0.03      | 0.03      | 0         | 58.5 | 58.5 | 51.2 | 163        | 164        | 0          | 27     | 28     |
| 2009 | 6     | 16  | 10   | 34     | 57     | 0.932     | 0.026     | 1.358 | 0.036     | 0.033     | 0         | 59.3 | 59.8 | 54.2 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 10   | 44     | 57     | 0.948     | -0.046    | 1.358 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 52.9 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 10   | 54     | 57     | 0.922     | -0.026    | 1.358 | 0.026     | 0.023     | 0         | 58.9 | 59.3 | 53.8 | 163        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 11   | 4      | 57     | 0.961     | 0.007     | 1.358 | 0.03      | 0.026     | 0         | 58.5 | 59.3 | 52.9 | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 11   | 14     | 57     | 0.928     | 0.01      | 1.358 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 52.9 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 11   | 24     | 57     | 0.899     | -0.007    | 1.358 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 55   | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 11   | 34     | 57     | 0.968     | -0.013    | 1.358 | 0.033     | 0.03      | 0         | 58.9 | 59.3 | 55.9 | 164        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 11   | 44     | 57     | 0.919     | -0.003    | 1.358 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 56.3 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 11   | 54     | 57     | 0.958     | 0         | 1.358 | 0.03      | 0.03      | 0         | 58   | 59.8 | 51.2 | 163        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 16  | 12   | 4      | 57     | 0.955     | -0.079    | 1.358 | 0.026     | 0.023     | 0         | 58.9 | 59.3 | 60.6 | 164        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 12   | 14     | 57     | 0.938     | 0.023     | 1.358 | 0.026     | 0.023     | 0         | 58.9 | 59.8 | 60.6 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 12   | 24     | 57     | 0.942     | -0.02     | 1.358 | 0.03      | 0.03      | 0         | 58.5 | 59.8 | 61.5 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 12   | 34     | 57     | 0.928     | -0.01     | 1.362 | 0.026     | 0.023     | 0         | 58.9 | 60.6 | 60.2 | 164        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 16  | 12   | 44     | 57     | 0.965     | 0.043     | 1.358 | 0.03      | 0.03      | 0         | 58.9 | 60.2 | 58.5 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 12   | 54     | 57     | 0.915     | -0.013    | 1.362 | 0.03      | 0.026     | 0         | 58.9 | 60.2 | 59.8 | 164        | 166        | 0          | 27     | 26     |
| 2009 | 6     | 16  | 13   | 4      | 57     | 0.945     | -0.003    | 1.362 | 0.026     | 0.023     | 0         | 59.3 | 59.8 | 61.5 | 164        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 13   | 14     | 57     | 0.958     | 0.02      | 1.362 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 61.1 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 13   | 24     | 57     | 0.981     | 0         | 1.362 | 0.033     | 0.03      | 0         | 58.9 | 60.6 | 59.8 | 164        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 16  | 13   | 34     | 57     | 0.889     | -0.016    | 1.362 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 61.1 | 164        | 166        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 13   | 44     | 57     | 0.942     | 0.02      | 1.362 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 59.3 | 164        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 13   | 54     | 57     | 0.935     | -0.043    | 1.362 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 61.5 | 164        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 14   | 4      | 57     | 0.928     | -0.033    | 1.362 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 60.6 | 164        | 167        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 14   | 14     | 57     | 0.942     | -0.046    | 1.362 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 59.3 | 165        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 14   | 24     | 57     | 1.014     | 0.036     | 1.362 | 0.036     | 0.033     | 0         | 58.9 | 60.2 | 59.8 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 14   | 34     | 57     | 0.938     | -0.062    | 1.362 | 0.03      | 0.03      | 0         | 59.8 | 60.2 | 56.8 | 165        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 14   | 44     | 57     | 0.984     | 0.079     | 1.362 | 0.03      | 0.026     | 0         | 59.3 | 59.8 | 59.3 | 164        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 14   | 54     | 57     | 1.004     | -0.072    | 1.362 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 60.6 | 164        | 167        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 15   | 4      | 57     | 0.951     | 0.013     | 1.362 | 0.03      | 0.026     | 0         | 59.3 | 60.6 | 61.5 | 164        | 167        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 15   | 14     | 57     | 0.951     | -0.033    | 1.362 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 58   | 164        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 15   | 24     | 57     | 0.955     | 0.03      | 1.362 | 0.036     | 0.033     | 0         | 58.9 | 60.6 | 58   | 164        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 16  | 15   | 34     | 57     | 0.971     | 0.013     | 1.362 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 56.3 | 164        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 15   | 44     | 57     | 0.925     | -0.003    | 1.362 | 0.033     | 0.03      | 0         | 58.9 | 60.6 | 60.2 | 164        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 15   | 54     | 57     | 0.971     | 0.016     | 1.362 | 0.026     | 0.023     | 0         | 59.8 | 60.6 | 60.2 | 165        | 167        | 0          | 26     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 16  | 16   | 4      | 57     | 0.935     | -0.046    | 1.362 | 0.03      | 0.03      | 0         | 59.8 | 60.6 | 61.1 | 165        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 16   | 14     | 57     | 0.915     | -0.003    | 1.362 | 0.03      | 0.03      | 0         | 59.3 | 60.6 | 60.6 | 164        | 167        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 16   | 24     | 57     | 0.948     | 0.036     | 1.362 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 60.2 | 164        | 167        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 16   | 34     | 57     | 0.912     | 0.03      | 1.362 | 0.03      | 0.03      | 0         | 59.3 | 60.6 | 59.8 | 164        | 167        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 16   | 44     | 57     | 0.938     | -0.026    | 1.362 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 60.6 | 164        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 16   | 54     | 57     | 0.869     | 0.013     | 1.362 | 0.03      | 0.03      | 0         | 59.3 | 60.6 | 61.5 | 164        | 167        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 17   | 4      | 57     | 0.994     | 0.016     | 1.362 | 0.03      | 0.026     | 0         | 58.9 | 60.2 | 61.5 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 17   | 14     | 57     | 0.961     | -0.023    | 1.358 | 0.03      | 0.03      | 0         | 59.3 | 60.2 | 60.6 | 164        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 17   | 24     | 57     | 0.922     | -0.033    | 1.362 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 61.1 | 163        | 166        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 17   | 34     | 57     | 0.965     | 0.026     | 1.358 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 57.6 | 164        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 17   | 44     | 57     | 0.965     | 0         | 1.358 | 0.03      | 0.026     | 0         | 59.3 | 60.6 | 39.6 | 164        | 167        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 17   | 54     | 57     | 0.942     | 0.052     | 1.358 | 0.03      | 0.026     | 0         | 58.9 | 60.2 | 39.1 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 18   | 4      | 57     | 1.004     | 0.013     | 1.358 | 0.036     | 0.033     | 0         | 59.3 | 60.2 | 53.8 | 164        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 18   | 14     | 57     | 0.965     | 0.089     | 1.362 | 0.03      | 0.03      | 0         | 58.9 | 60.2 | 58.5 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 18   | 24     | 57     | 0.938     | 0.016     | 1.362 | 0.03      | 0.03      | 0         | 58.9 | 60.6 | 61.1 | 164        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 16  | 18   | 34     | 57     | 0.915     | -0.02     | 1.362 | 0.036     | 0.033     | 0         | 59.8 | 61.1 | 61.1 | 165        | 168        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 18   | 44     | 57     | 0.922     | -0.03     | 1.362 | 0.026     | 0.023     | 0         | 58.9 | 60.2 | 60.6 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 18   | 54     | 57     | 0.919     | 0.02      | 1.362 | 0.03      | 0.03      | 0         | 59.3 | 60.2 | 60.6 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 19   | 4      | 57     | 0.928     | -0.007    | 1.362 | 0.03      | 0.026     | 0         | 58.5 | 60.2 | 60.2 | 163        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 19   | 14     | 57     | 0.991     | 0.039     | 1.362 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 61.5 | 164        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 19   | 24     | 57     | 0.919     | 0.003     | 1.362 | 0.023     | 0.023     | 0         | 58.5 | 60.2 | 61.1 | 163        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 19   | 34     | 57     | 1.03      | -0.03     | 1.362 | 0.03      | 0.026     | 0         | 59.3 | 59.8 | 61.5 | 164        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 19   | 44     | 57     | 1.02      | -0.013    | 1.362 | 0.03      | 0.026     | 0         | 58.9 | 60.2 | 59.8 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 19   | 54     | 57     | 0.909     | 0.016     | 1.362 | 0.03      | 0.026     | 0         | 58.9 | 60.2 | 59.8 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 20   | 4      | 57     | 0.968     | -0.036    | 1.362 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 60.6 | 163        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 20   | 14     | 57     | 0.938     | -0.026    | 1.362 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 59.3 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 20   | 24     | 57     | 0.958     | -0.023    | 1.362 | 0.033     | 0.03      | 0         | 60.2 | 60.6 | 60.6 | 166        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 20   | 34     | 57     | 1.014     | 0         | 1.362 | 0.033     | 0.033     | 0         | 59.3 | 60.6 | 60.2 | 165        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 16  | 20   | 44     | 57     | 0.928     | -0.043    | 1.362 | 0.03      | 0.03      | 0         | 59.3 | 60.6 | 59.8 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 20   | 54     | 57     | 0.928     | -0.062    | 1.362 | 0.03      | 0.03      | 0         | 59.8 | 60.2 | 59.3 | 166        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 16  | 21   | 4      | 57     | 0.932     | -0.03     | 1.362 | 0.03      | 0.026     | 0         | 59.3 | 60.6 | 59.8 | 164        | 167        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 21   | 14     | 57     | 0.935     | -0.01     | 1.362 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 59.8 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 21   | 24     | 57     | 0.961     | -0.003    | 1.362 | 0.033     | 0.033     | 0         | 60.2 | 60.6 | 58.9 | 166        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 21   | 34     | 57     | 0.988     | 0.026     | 1.365 | 0.033     | 0.03      | 0         | 61.1 | 60.6 | 58.5 | 169        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 21   | 44     | 57     | 0.902     | -0.026    | 1.365 | 0.03      | 0.026     | 0         | 60.6 | 61.5 | 58.9 | 168        | 169        | 0          | 27     | 26     |
| 2009 | 6     | 16  | 21   | 54     | 57     | 0.968     | -0.049    | 1.365 | 0.033     | 0.03      | 0         | 60.6 | 60.2 | 58.5 | 168        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 22   | 4      | 57     | 0.971     | 0         | 1.365 | 0.033     | 0.03      | 0         | 61.1 | 61.1 | 58.5 | 168        | 168        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 22   | 14     | 57     | 1.007     | -0.016    | 1.365 | 0.03      | 0.026     | 0         | 60.2 | 60.2 | 58.5 | 167        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 22   | 24     | 57     | 1.02      | -0.059    | 1.365 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 58   | 167        | 168        | 0          | 27     | 26     |
| 2009 | 6     | 16  | 22   | 34     | 57     | 0.938     | 0.013     | 1.365 | 0.03      | 0.03      | 0         | 60.6 | 60.6 | 58.5 | 168        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 22   | 44     | 57     | 1.007     | -0.016    | 1.368 | 0.026     | 0.023     | 0         | 60.2 | 60.6 | 57.2 | 167        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 22   | 54     | 57     | 0.991     | 0         | 1.368 | 0.03      | 0.026     | 0         | 60.2 | 60.6 | 58   | 167        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 23   | 4      | 57     | 0.945     | 0.007     | 1.368 | 0.03      | 0.026     | 0         | 59.8 | 60.2 | 58.5 | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 23   | 14     | 57     | 1.03      | -0.043    | 1.371 | 0.026     | 0.023     | 0         | 60.2 | 60.6 | 58   | 167        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 23   | 24     | 57     | 0.991     | -0.02     | 1.371 | 0.033     | 0.03      | 0         | 59.8 | 60.2 | 58   | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 23   | 34     | 57     | 0.978     | 0.007     | 1.371 | 0.023     | 0.023     | 0         | 60.2 | 60.6 | 58   | 167        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 23   | 44     | 57     | 0.965     | -0.03     | 1.371 | 0.03      | 0.026     | 0         | 60.2 | 60.6 | 58   | 167        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 23   | 54     | 57     | 0.948     | 0.036     | 1.375 | 0.033     | 0.03      | 0         | 59.8 | 60.2 | 58   | 166        | 167        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 17  | 0    | 4      | 57     | 0.909     | 0.03      | 1.375 | 0.03      | 0.03      | 0         | 60.2 | 60.6 | 58   | 167        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 0    | 14     | 57     | 0.961     | 0.03      | 1.371 | 0.026     | 0.023     | 0         | 59.8 | 60.2 | 58.5 | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 0    | 24     | 57     | 0.974     | -0.043    | 1.375 | 0.033     | 0.03      | 0         | 60.2 | 60.2 | 58.5 | 166        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 0    | 34     | 57     | 0.909     | -0.03     | 1.375 | 0.03      | 0.026     | 0         | 60.2 | 60.6 | 58.5 | 167        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 0    | 44     | 57     | 0.958     | -0.03     | 1.378 | 0.039     | 0.039     | 0         | 59.8 | 60.2 | 58.9 | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 0    | 54     | 57     | 0.968     | 0.023     | 1.375 | 0.033     | 0.03      | 0         | 59.8 | 60.2 | 58.5 | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 1    | 4      | 57     | 0.896     | 0.003     | 1.375 | 0.026     | 0.023     | 0         | 59.8 | 60.2 | 58.5 | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 1    | 14     | 57     | 0.915     | 0.03      | 1.378 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 59.3 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 1    | 24     | 57     | 0.955     | 0         | 1.378 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 58.9 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 1    | 34     | 57     | 0.935     | -0.062    | 1.378 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 59.3 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 1    | 44     | 57     | 0.935     | 0.056     | 1.378 | 0.033     | 0.033     | 0         | 59.8 | 60.2 | 60.2 | 166        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 1    | 54     | 57     | 1.001     | -0.016    | 1.378 | 0.033     | 0.03      | 0         | 60.2 | 60.2 | 59.3 | 166        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 2    | 4      | 57     | 0.988     | -0.033    | 1.378 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 59.3 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 2    | 14     | 57     | 0.896     | 0         | 1.378 | 0.03      | 0.026     | 0         | 59.8 | 59.8 | 59.3 | 165        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 2    | 24     | 57     | 0.922     | -0.013    | 1.378 | 0.033     | 0.03      | 0         | 59.3 | 59.3 | 60.2 | 165        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 2    | 34     | 57     | 0.892     | -0.039    | 1.378 | 0.03      | 0.03      | 0         | 59.3 | 59.8 | 59.3 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 2    | 44     | 57     | 0.974     | 0.052     | 1.378 | 0.026     | 0.023     | 0         | 59.3 | 59.8 | 59.8 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 2    | 54     | 57     | 0.922     | -0.062    | 1.378 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 60.6 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 3    | 4      | 57     | 0.951     | -0.043    | 1.378 | 0.03      | 0.03      | 0         | 59.3 | 58.9 | 59.8 | 165        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 17  | 3    | 14     | 57     | 0.955     | 0.049     | 1.378 | 0.026     | 0.023     | 0         | 59.3 | 59.3 | 58.5 | 165        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 3    | 24     | 57     | 0.968     | 0.036     | 1.378 | 0.033     | 0.03      | 0         | 59.3 | 59.3 | 60.2 | 165        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 17  | 3    | 34     | 57     | 0.965     | 0.03      | 1.378 | 0.036     | 0.033     | 0         | 59.3 | 59.8 | 60.2 | 164        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 3    | 44     | 57     | 1.03      | -0.007    | 1.378 | 0.03      | 0.026     | 0         | 59.3 | 59.8 | 60.2 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 3    | 54     | 57     | 0.945     | 0         | 1.378 | 0.026     | 0.023     | 0         | 58.9 | 59.8 | 61.1 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 4    | 4      | 57     | 0.968     | 0.007     | 1.378 | 0.03      | 0.026     | 0         | 58.5 | 59.8 | 60.2 | 164        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 17  | 4    | 14     | 57     | 0.984     | 0.026     | 1.378 | 0.03      | 0.03      | 0         | 59.8 | 59.8 | 59.8 | 166        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 17  | 4    | 24     | 57     | 0.902     | 0.023     | 1.378 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 60.2 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 4    | 34     | 57     | 0.951     | 0.03      | 1.378 | 0.03      | 0.026     | 0         | 58.5 | 59.8 | 59.3 | 164        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 17  | 4    | 44     | 57     | 0.965     | -0.003    | 1.378 | 0.03      | 0.03      | 0         | 59.3 | 59.8 | 60.2 | 164        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 4    | 54     | 57     | 1.004     | 0.007     | 1.378 | 0.033     | 0.03      | 0         | 58.9 | 59.3 | 60.2 | 164        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 5    | 4      | 57     | 0.968     | 0.01      | 1.378 | 0.026     | 0.023     | 0         | 58.5 | 59.8 | 60.6 | 164        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 17  | 5    | 14     | 57     | 1.004     | 0.059     | 1.378 | 0.03      | 0.026     | 0         | 59.3 | 59.8 | 59.8 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 5    | 24     | 57     | 0.915     | -0.003    | 1.378 | 0.03      | 0.026     | 0         | 58.9 | 59.3 | 60.2 | 164        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 5    | 34     | 57     | 0.935     | 0.007     | 1.378 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 60.6 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 5    | 44     | 57     | 0.981     | 0         | 1.378 | 0.03      | 0.03      | 0         | 59.3 | 59.3 | 60.2 | 164        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 5    | 54     | 57     | 0.892     | -0.02     | 1.378 | 0.033     | 0.03      | 0         | 58.5 | 59.3 | 60.6 | 164        | 165        | 0          | 28     | 27     |
| 2009 | 6     | 17  | 6    | 4      | 57     | 0.958     | 0.026     | 1.378 | 0.03      | 0.026     | 0         | 58.5 | 58.9 | 59.8 | 163        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 17  | 6    | 14     | 57     | 0.935     | 0.016     | 1.378 | 0.033     | 0.03      | 0         | 58.9 | 59.3 | 60.6 | 164        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 6    | 24     | 57     | 0.889     | 0.003     | 1.378 | 0.033     | 0.03      | 0         | 58.9 | 59.3 | 60.6 | 164        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 6    | 34     | 57     | 0.965     | 0.033     | 1.378 | 0.03      | 0.026     | 0         | 58.5 | 58.9 | 59.8 | 163        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 17  | 6    | 44     | 57     | 0.925     | -0.069    | 1.378 | 0.03      | 0.03      | 0         | 58.9 | 59.3 | 60.2 | 164        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 6    | 54     | 57     | 0.981     | 0         | 1.378 | 0.03      | 0.026     | 0         | 58.9 | 59.3 | 61.1 | 164        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 7    | 4      | 57     | 1.001     | 0.013     | 1.378 | 0.03      | 0.026     | 0         | 58.9 | 59.3 | 60.2 | 164        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 7    | 14     | 57     | 0.843     | -0.01     | 1.378 | 0.03      | 0.03      | 0         | 58   | 58.9 | 60.2 | 163        | 164        | 0          | 28     | 27     |
| 2009 | 6     | 17  | 7    | 24     | 57     | 0.968     | 0.056     | 1.378 | 0.03      | 0.026     | 0         | 58.9 | 58.9 | 59.8 | 164        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 17  | 7    | 34     | 57     | 0.938     | -0.013    | 1.375 | 0.03      | 0.03      | 0         | 58.5 | 59.3 | 55   | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 7    | 44     | 57     | 0.922     | -0.023    | 1.375 | 0.033     | 0.03      | 0         | 58.9 | 59.3 | 55.9 | 164        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 7    | 54     | 57     | 1.001     | -0.016    | 1.375 | 0.026     | 0.023     | 0         | 58.5 | 59.3 | 58.5 | 163        | 165        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 17  | 8    | 4      | 57     | 0.945     | -0.007    | 1.371 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 54.6 | 163        | 165        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 8    | 14     | 57     | 0.935     | -0.056    | 1.371 | 0.026     | 0.023     | 0         | 58.9 | 59.3 | 57.6 | 164        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 8    | 24     | 57     | 0.974     | -0.01     | 1.371 | 0.036     | 0.033     | 0         | 58.9 | 59.3 | 58.9 | 164        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 17  | 8    | 34     | 57     | 0.974     | -0.016    | 1.371 | 0.033     | 0.03      | 0         | 58.9 | 59.3 | 58   | 164        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 8    | 44     | 57     | 0.899     | 0.036     | 1.371 | 0.03      | 0.026     | 0         | 58.9 | 58.9 | 54.2 | 164        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 8    | 54     | 57     | 1.004     | 0         | 1.365 | 0.036     | 0.033     | 0         | 58   | 59.3 | 49.9 | 163        | 165        | 0          | 28     | 27     |
| 2009 | 6     | 17  | 9    | 4      | 57     | 0.945     | -0.043    | 1.365 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 51.2 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 9    | 14     | 57     | 0.942     | -0.03     | 1.365 | 0.033     | 0.03      | 0         | 58.9 | 59.3 | 51.6 | 164        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 9    | 24     | 57     | 1.033     | 0.023     | 1.365 | 0.026     | 0.023     | 0         | 58.9 | 59.3 | 53.3 | 164        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 9    | 34     | 57     | 0.951     | -0.023    | 1.365 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 52   | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 9    | 44     | 57     | 0.965     | 0.03      | 1.362 | 0.033     | 0.03      | 0         | 59.3 | 59.8 | 54.2 | 164        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 9    | 54     | 57     | 1.037     | 0.043     | 1.362 | 0.03      | 0.026     | 0         | 58.5 | 59.3 | 54.2 | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 10   | 4      | 57     | 0.948     | 0.033     | 1.362 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 54.6 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 10   | 14     | 57     | 0.948     | -0.049    | 1.362 | 0.03      | 0.03      | 0         | 58.9 | 59.8 | 54.6 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 10   | 24     | 57     | 1.004     | -0.01     | 1.362 | 0.033     | 0.033     | 0         | 58.9 | 59.8 | 57.2 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 10   | 34     | 57     | 1.033     | -0.01     | 1.362 | 0.03      | 0.03      | 0         | 59.3 | 60.2 | 56.3 | 164        | 166        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 10   | 44     | 57     | 1.004     | -0.052    | 1.362 | 0.03      | 0.026     | 0         | 59.3 | 59.8 | 55.9 | 164        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 10   | 54     | 57     | 0.984     | -0.003    | 1.365 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 59.3 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 11   | 4      | 57     | 1.004     | 0.016     | 1.362 | 0.03      | 0.03      | 0         | 59.3 | 60.2 | 61.1 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 11   | 14     | 57     | 0.951     | 0         | 1.365 | 0.03      | 0.026     | 0         | 59.8 | 59.8 | 57.2 | 165        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 11   | 24     | 57     | 0.935     | 0.013     | 1.365 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 59.3 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 11   | 34     | 57     | 0.961     | -0.007    | 1.365 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 57.6 | 165        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 11   | 44     | 57     | 0.971     | 0.039     | 1.368 | 0.03      | 0.026     | 0         | 59.8 | 60.2 | 59.8 | 165        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 11   | 54     | 57     | 0.958     | 0.03      | 1.368 | 0.03      | 0.026     | 0         | 60.2 | 60.6 | 56.3 | 166        | 167        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 12   | 4      | 57     | 0.879     | 0.03      | 1.375 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 54.2 | 166        | 168        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 12   | 14     | 57     | 0.971     | 0.036     | 1.375 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 57.6 | 165        | 167        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 12   | 24     | 57     | 0.942     | 0.039     | 1.378 | 0.03      | 0.03      | 0         | 59.8 | 60.6 | 56.8 | 165        | 167        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 12   | 34     | 57     | 0.971     | 0.046     | 1.381 | 0.03      | 0.026     | 0         | 60.2 | 61.1 | 55.9 | 166        | 168        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 12   | 44     | 57     | 0.974     | -0.013    | 1.381 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 58   | 166        | 168        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 12   | 54     | 57     | 0.958     | 0.007     | 1.385 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 55.9 | 166        | 168        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 13   | 4      | 57     | 0.892     | 0         | 1.388 | 0.03      | 0.026     | 0         | 60.6 | 61.1 | 56.3 | 167        | 169        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 13   | 14     | 57     | 0.925     | 0.049     | 1.385 | 0.033     | 0.03      | 0         | 60.2 | 60.6 | 55   | 166        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 13   | 24     | 57     | 0.925     | 0         | 1.385 | 0.03      | 0.026     | 0         | 60.2 | 61.1 | 55   | 166        | 168        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 13   | 34     | 57     | 0.958     | 0.075     | 1.388 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 58   | 164        | 166        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 13   | 44     | 57     | 0.922     | 0.026     | 1.388 | 0.036     | 0.033     | 0         | 59.3 | 60.2 | 55   | 164        | 166        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 13   | 54     | 57     | 0.935     | 0.092     | 1.388 | 0.023     | 0.023     | 0         | 59.3 | 60.2 | 57.6 | 164        | 166        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 14   | 4      | 57     | 0.922     | 0.003     | 1.391 | 0.033     | 0.03      | 0         | 59.8 | 60.2 | 59.3 | 165        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 14   | 14     | 57     | 0.997     | 0         | 1.391 | 0.03      | 0.03      | 0         | 59.3 | 59.8 | 57.2 | 164        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 14   | 24     | 57     | 0.883     | 0.049     | 1.391 | 0.03      | 0.03      | 0         | 58.9 | 60.2 | 58   | 164        | 166        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 14   | 34     | 57     | 0.928     | 0.02      | 1.391 | 0.03      | 0.03      | 0         | 59.3 | 59.8 | 56.8 | 164        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 14   | 44     | 57     | 0.958     | 0.023     | 1.391 | 0.03      | 0.03      | 0         | 59.8 | 60.6 | 57.6 | 165        | 167        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 14   | 54     | 57     | 0.912     | -0.036    | 1.391 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 57.6 | 165        | 167        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 15   | 4      | 57     | 0.955     | 0.003     | 1.394 | 0.033     | 0.03      | 0         | 59.8 | 59.8 | 58.9 | 165        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 15   | 14     | 57     | 0.955     | -0.033    | 1.394 | 0.033     | 0.033     | 0         | 59.3 | 60.2 | 61.5 | 164        | 166        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 15   | 24     | 57     | 0.991     | -0.007    | 1.394 | 0.03      | 0.03      | 0         | 59.3 | 59.8 | 61.5 | 164        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 15   | 34     | 57     | 0.948     | -0.01     | 1.394 | 0.033     | 0.03      | 0         | 59.3 | 61.1 | 61.1 | 165        | 168        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 15   | 44     | 57     | 0.883     | -0.003    | 1.394 | 0.03      | 0.03      | 0         | 59.3 | 60.2 | 52.5 | 164        | 166        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 15   | 54     | 57     | 0.984     | 0.013     | 1.394 | 0.026     | 0.023     | 0         | 59.3 | 60.6 | 50.7 | 164        | 168        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 17  | 16   | 4      | 57     | 0.915     | 0.01      | 1.394 | 0.033     | 0.03      | 0         | 59.8 | 60.2 | 51.2 | 165        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 16   | 14     | 57     | 0.955     | 0.046     | 1.398 | 0.03      | 0.026     | 0         | 59.8 | 60.2 | 55.9 | 165        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 16   | 24     | 57     | 0.955     | 0.036     | 1.398 | 0.03      | 0.03      | 0         | 59.3 | 60.6 | 58.5 | 164        | 167        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 16   | 34     | 57     | 0.899     | 0.01      | 1.398 | 0.033     | 0.03      | 0         | 59.8 | 60.2 | 59.3 | 165        | 166        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 16   | 44     | 57     | 0.994     | 0.016     | 1.398 | 0.03      | 0.026     | 0         | 58.9 | 60.2 | 58.5 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 16   | 54     | 57     | 0.879     | 0.075     | 1.398 | 0.03      | 0.026     | 0         | 59.3 | 60.6 | 56.3 | 164        | 167        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 17   | 4      | 57     | 0.928     | -0.072    | 1.398 | 0.033     | 0.03      | 0         | 58.9 | 60.6 | 57.2 | 164        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 17   | 14     | 57     | 0.951     | -0.023    | 1.401 | 0.03      | 0.03      | 0         | 58.9 | 60.2 | 60.2 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 17   | 24     | 57     | 0.955     | 0.013     | 1.401 | 0.03      | 0.03      | 0         | 58.9 | 60.2 | 60.6 | 164        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 17   | 34     | 57     | 0.86      | 0.033     | 1.401 | 0.03      | 0.026     | 0         | 59.8 | 60.2 | 60.2 | 165        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 17   | 44     | 57     | 0.925     | -0.033    | 1.401 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 60.2 | 164        | 167        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 17   | 54     | 57     | 0.945     | 0.043     | 1.401 | 0.03      | 0.03      | 0         | 59.3 | 60.2 | 60.2 | 164        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 18   | 4      | 57     | 0.942     | 0.046     | 1.401 | 0.03      | 0.026     | 0         | 58.9 | 60.6 | 60.6 | 164        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 18   | 14     | 57     | 0.961     | 0.033     | 1.401 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 54.6 | 165        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 18   | 24     | 57     | 0.889     | 0         | 1.404 | 0.03      | 0.03      | 0         | 59.3 | 60.6 | 59.8 | 164        | 167        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 18   | 34     | 57     | 0.906     | 0.007     | 1.404 | 0.033     | 0.03      | 0         | 59.8 | 60.2 | 59.8 | 165        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 18   | 44     | 57     | 0.935     | 0.03      | 1.407 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 58.5 | 165        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 18   | 54     | 57     | 0.974     | 0.059     | 1.407 | 0.03      | 0.026     | 0         | 59.8 | 60.2 | 58.9 | 165        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 19   | 4      | 57     | 0.951     | 0.007     | 1.411 | 0.03      | 0.026     | 0         | 59.3 | 61.1 | 58.5 | 165        | 168        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 19   | 14     | 57     | 1.033     | 0.01      | 1.411 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 58.5 | 165        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 19   | 24     | 57     | 0.965     | 0.02      | 1.417 | 0.03      | 0.03      | 0         | 59.3 | 60.2 | 58   | 165        | 168        | 0          | 27     | 28     |
| 2009 | 6     | 17  | 19   | 34     | 57     | 0.922     | -0.023    | 1.421 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 59.3 | 165        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 19   | 44     | 57     | 0.955     | -0.013    | 1.424 | 0.026     | 0.023     | 0         | 60.6 | 60.2 | 59.3 | 167        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 19   | 54     | 57     | 0.948     | -0.003    | 1.427 | 0.023     | 0.023     | 0         | 60.6 | 60.6 | 57.6 | 167        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 20   | 4      | 57     | 0.955     | -0.046    | 1.427 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 56.8 | 166        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 20   | 14     | 57     | 1.004     | 0         | 1.43  | 0.033     | 0.03      | 0         | 60.2 | 60.2 | 58.5 | 166        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 20   | 24     | 57     | 0.928     | -0.013    | 1.43  | 0.026     | 0.023     | 0         | 60.6 | 61.1 | 55   | 167        | 168        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 20   | 34     | 57     | 0.948     | -0.013    | 1.424 | 0.026     | 0.023     | 0         | 60.6 | 61.1 | 41.3 | 167        | 168        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 20   | 44     | 57     | 1.014     | 0         | 1.427 | 0.03      | 0.026     | 0         | 61.5 | 61.5 | 38.3 | 169        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 20   | 54     | 57     | 0.955     | 0.016     | 1.43  | 0.033     | 0.03      | 0         | 60.6 | 60.6 | 40.9 | 168        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 21   | 4      | 57     | 1.007     | 0         | 1.43  | 0.026     | 0.023     | 0         | 61.1 | 61.5 | 39.6 | 169        | 170        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 21   | 14     | 57     | 0.951     | 0.003     | 1.43  | 0.026     | 0.023     | 0         | 61.5 | 61.5 | 39.1 | 169        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 21   | 24     | 57     | 0.971     | 0.013     | 1.434 | 0.033     | 0.03      | 0         | 61.5 | 61.5 | 41.7 | 169        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 21   | 34     | 57     | 0.935     | 0.036     | 1.437 | 0.03      | 0.026     | 0         | 61.1 | 61.5 | 49.5 | 168        | 170        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 21   | 44     | 57     | 0.988     | -0.003    | 1.437 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 49.5 | 168        | 169        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 21   | 54     | 57     | 1.007     | 0.043     | 1.437 | 0.033     | 0.03      | 0         | 60.6 | 61.1 | 52.9 | 167        | 168        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 22   | 4      | 57     | 0.984     | -0.01     | 1.44  | 0.033     | 0.03      | 0         | 61.1 | 60.6 | 52.5 | 169        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 22   | 14     | 57     | 0.997     | 0.043     | 1.44  | 0.03      | 0.026     | 0         | 61.1 | 60.6 | 52.9 | 169        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 22   | 24     | 57     | 0.915     | 0.023     | 1.444 | 0.026     | 0.023     | 0         | 61.1 | 61.1 | 53.3 | 169        | 168        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 22   | 34     | 57     | 0.997     | 0.016     | 1.45  | 0.026     | 0.023     | 0         | 61.1 | 60.6 | 45.6 | 169        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 22   | 44     | 57     | 1.001     | 0.033     | 1.453 | 0.03      | 0.026     | 0         | 60.6 | 60.6 | 40   | 168        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 22   | 54     | 57     | 0.945     | 0         | 1.453 | 0.023     | 0.02      | 0         | 61.1 | 60.6 | 40.4 | 168        | 168        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 23   | 4      | 57     | 0.896     | 0.026     | 1.46  | 0.026     | 0.023     | 0         | 60.6 | 60.6 | 40.4 | 168        | 168        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 23   | 14     | 57     | 1.001     | 0.026     | 1.463 | 0.023     | 0.023     | 0         | 60.6 | 61.1 | 50.7 | 168        | 168        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 23   | 24     | 57     | 0.974     | -0.049    | 1.463 | 0.023     | 0.023     | 0         | 60.6 | 60.2 | 53.8 | 168        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 23   | 34     | 57     | 0.984     | -0.033    | 1.467 | 0.033     | 0.03      | 0         | 60.6 | 60.2 | 52.9 | 168        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 23   | 44     | 57     | 0.958     | 0.007     | 1.47  | 0.023     | 0.023     | 0         | 61.1 | 60.2 | 54.6 | 168        | 167        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 23   | 54     | 57     | 1.017     | 0.023     | 1.47  | 0.033     | 0.03      | 0         | 59.8 | 59.8 | 52.9 | 167        | 166        | 0          | 28     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 18  | 0    | 4      | 57     | 1.027     | 0.03      | 1.473 | 0.026     | 0.023     | 0         | 60.2 | 60.2 | 52   | 167        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 0    | 14     | 57     | 0.997     | -0.003    | 1.473 | 0.03      | 0.026     | 0         | 60.2 | 60.2 | 52.9 | 167        | 166        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 0    | 24     | 57     | 0.988     | 0.02      | 1.476 | 0.03      | 0.026     | 0         | 60.2 | 60.2 | 52.9 | 167        | 166        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 0    | 34     | 57     | 0.997     | 0.013     | 1.48  | 0.026     | 0.023     | 0         | 60.2 | 59.8 | 51.2 | 167        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 0    | 44     | 57     | 1.01      | 0.003     | 1.48  | 0.026     | 0.023     | 0         | 60.2 | 60.6 | 52   | 167        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 0    | 54     | 57     | 0.981     | 0         | 1.486 | 0.03      | 0.03      | 0         | 60.2 | 60.2 | 44.7 | 167        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 1    | 4      | 57     | 0.958     | 0.023     | 1.49  | 0.03      | 0.026     | 0         | 59.8 | 59.3 | 41.7 | 166        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 18  | 1    | 14     | 57     | 0.942     | -0.013    | 1.493 | 0.026     | 0.023     | 0         | 60.2 | 60.2 | 42.1 | 167        | 167        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 1    | 24     | 57     | 0.965     | -0.007    | 1.496 | 0.026     | 0.023     | 0         | 59.8 | 59.8 | 46.9 | 166        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 1    | 34     | 57     | 0.948     | -0.003    | 1.503 | 0.026     | 0.023     | 0         | 60.2 | 60.6 | 51.6 | 167        | 167        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 1    | 44     | 57     | 0.974     | 0.039     | 1.503 | 0.03      | 0.03      | 0         | 59.8 | 59.8 | 54.6 | 166        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 1    | 54     | 57     | 0.961     | -0.023    | 1.506 | 0.03      | 0.026     | 0         | 59.8 | 59.3 | 54.2 | 166        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 18  | 2    | 4      | 57     | 0.988     | 0.036     | 1.506 | 0.03      | 0.03      | 0         | 59.8 | 59.8 | 54.6 | 166        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 2    | 14     | 57     | 0.974     | -0.033    | 1.509 | 0.023     | 0.02      | 0         | 60.2 | 59.8 | 54.6 | 166        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 2    | 24     | 57     | 0.928     | 0.003     | 1.509 | 0.023     | 0.023     | 0         | 59.3 | 59.8 | 54.6 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 2    | 34     | 57     | 1.027     | -0.049    | 1.512 | 0.03      | 0.026     | 0         | 59.8 | 59.8 | 52.5 | 165        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 2    | 44     | 57     | 1.004     | -0.016    | 1.512 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 53.8 | 165        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 18  | 2    | 54     | 57     | 0.951     | 0.007     | 1.516 | 0.03      | 0.026     | 0         | 59.8 | 59.8 | 52   | 166        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 3    | 4      | 57     | 0.922     | 0.043     | 1.519 | 0.026     | 0.023     | 0         | 59.3 | 59.8 | 50.7 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 3    | 14     | 57     | 0.958     | 0.016     | 1.522 | 0.03      | 0.026     | 0         | 59.8 | 59.8 | 49.9 | 166        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 3    | 24     | 57     | 1.007     | 0         | 1.526 | 0.03      | 0.03      | 0         | 59.8 | 59.3 | 49   | 165        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 3    | 34     | 57     | 0.988     | -0.003    | 1.529 | 0.03      | 0.026     | 0         | 59.8 | 59.8 | 51.6 | 166        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 3    | 44     | 57     | 1.02      | 0.026     | 1.532 | 0.026     | 0.023     | 0         | 59.8 | 59.8 | 51.6 | 166        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 3    | 54     | 57     | 0.991     | -0.059    | 1.539 | 0.03      | 0.026     | 0         | 59.3 | 59.3 | 51.6 | 165        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 4    | 4      | 57     | 1.027     | -0.013    | 1.539 | 0.033     | 0.03      | 0         | 60.2 | 59.8 | 50.3 | 166        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 4    | 14     | 57     | 0.978     | 0.043     | 1.545 | 0.026     | 0.023     | 0         | 59.8 | 60.2 | 52   | 166        | 166        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 4    | 24     | 57     | 0.978     | 0.01      | 1.545 | 0.03      | 0.026     | 0         | 59.3 | 59.8 | 47.7 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 4    | 34     | 57     | 1.024     | -0.02     | 1.545 | 0.03      | 0.026     | 0         | 59.3 | 59.3 | 47.7 | 165        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 4    | 44     | 57     | 1.017     | 0         | 1.549 | 0.03      | 0.026     | 0         | 59.8 | 59.3 | 47.7 | 165        | 166        | 0          | 26     | 28     |
| 2009 | 6     | 18  | 4    | 54     | 57     | 0.915     | 0.016     | 1.549 | 0.03      | 0.026     | 0         | 59.8 | 59.8 | 49.5 | 166        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 5    | 4      | 57     | 0.974     | 0.03      | 1.549 | 0.026     | 0.023     | 0         | 59.3 | 59.8 | 52.9 | 165        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 5    | 14     | 57     | 1.04      | -0.03     | 1.552 | 0.03      | 0.026     | 0         | 59.3 | 60.2 | 51.6 | 165        | 166        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 5    | 24     | 57     | 0.978     | -0.007    | 1.555 | 0.023     | 0.023     | 0         | 59.8 | 59.8 | 54.2 | 165        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 5    | 34     | 57     | 0.955     | 0.03      | 1.555 | 0.033     | 0.03      | 0         | 59.3 | 59.3 | 53.8 | 165        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 5    | 44     | 57     | 0.971     | -0.02     | 1.562 | 0.023     | 0.023     | 0         | 58.9 | 59.3 | 52.9 | 164        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 5    | 54     | 57     | 0.984     | -0.007    | 1.565 | 0.026     | 0.023     | 0         | 58.9 | 58.9 | 52.5 | 164        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 6    | 4      | 57     | 1.033     | -0.013    | 1.568 | 0.03      | 0.026     | 0         | 58.9 | 58.9 | 52.5 | 164        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 6    | 14     | 57     | 0.971     | -0.02     | 1.572 | 0.023     | 0.023     | 0         | 58.9 | 58.9 | 53.8 | 164        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 6    | 24     | 57     | 0.994     | 0.043     | 1.578 | 0.026     | 0.023     | 0         | 58.9 | 58.9 | 54.6 | 163        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 6    | 34     | 57     | 0.997     | -0.043    | 1.578 | 0.026     | 0.023     | 0         | 58.5 | 59.3 | 56.3 | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 6    | 44     | 57     | 0.951     | 0         | 1.581 | 0.03      | 0.026     | 0         | 58.5 | 58.9 | 55   | 163        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 6    | 54     | 57     | 0.968     | 0.023     | 1.585 | 0.03      | 0.03      | 0         | 58.9 | 58.9 | 55.9 | 163        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 7    | 4      | 57     | 1.014     | -0.01     | 1.585 | 0.023     | 0.023     | 0         | 58.5 | 58.5 | 57.2 | 163        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 7    | 14     | 57     | 0.978     | -0.039    | 1.585 | 0.023     | 0.02      | 0         | 58.9 | 58.9 | 53.3 | 163        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 7    | 24     | 57     | 0.984     | -0.03     | 1.585 | 0.023     | 0.023     | 0         | 58.5 | 58.9 | 54.6 | 163        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 7    | 34     | 57     | 0.994     | 0         | 1.588 | 0.023     | 0.023     | 0         | 58.5 | 59.3 | 52.9 | 163        | 164        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 7    | 44     | 57     | 0.971     | 0         | 1.588 | 0.023     | 0.023     | 0         | 58.9 | 58.9 | 47.3 | 163        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 7    | 54     | 57     | 0.984     | -0.016    | 1.591 | 0.03      | 0.026     | 0         | 58.5 | 58.9 | 44.3 | 163        | 164        | 0          | 27     | 27     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 18  | 8    | 4      | 57     | 1.027     | 0         | 1.591 | 0.023     | 0.02      | 0         | 58.5 | 59.3 | 48.2 | 163        | 164        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 8    | 14     | 57     | 1.001     | -0.056    | 1.594 | 0.02      | 0.016     | 0         | 58   | 58.9 | 47.7 | 163        | 164        | 0          | 28     | 27     |
| 2009 | 6     | 18  | 8    | 24     | 57     | 1.043     | -0.003    | 1.594 | 0.03      | 0.026     | 0         | 58.5 | 58.9 | 43.9 | 163        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 8    | 34     | 57     | 0.981     | 0.03      | 1.594 | 0.03      | 0.026     | 0         | 58.5 | 58.9 | 46.9 | 163        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 8    | 44     | 57     | 0.981     | 0         | 1.598 | 0.023     | 0.02      | 0         | 58.5 | 58.9 | 43.4 | 163        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 8    | 54     | 57     | 1.027     | -0.043    | 1.601 | 0.023     | 0.02      | 0         | 58.5 | 58.9 | 43.4 | 163        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 9    | 4      | 57     | 1.01      | 0.003     | 1.601 | 0.023     | 0.023     | 0         | 58.5 | 59.3 | 45.6 | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 9    | 14     | 57     | 1.007     | 0.013     | 1.601 | 0.023     | 0.02      | 0         | 58.5 | 58.9 | 51.6 | 162        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 9    | 24     | 57     | 1.01      | -0.003    | 1.601 | 0.023     | 0.02      | 0         | 58.5 | 58.9 | 50.7 | 163        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 9    | 34     | 57     | 0.988     | 0.007     | 1.604 | 0.023     | 0.023     | 0         | 58.5 | 58.9 | 47.3 | 163        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 9    | 44     | 57     | 0.991     | -0.049    | 1.608 | 0.03      | 0.026     | 0         | 58   | 58.9 | 48.6 | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 9    | 54     | 57     | 1.004     | -0.013    | 1.611 | 0.023     | 0.02      | 0         | 58.9 | 58.9 | 51.6 | 163        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 10   | 4      | 57     | 0.971     | -0.03     | 1.611 | 0.023     | 0.02      | 0         | 58   | 58.9 | 52.5 | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 10   | 14     | 57     | 0.965     | 0.003     | 1.614 | 0.03      | 0.026     | 0         | 58   | 58.9 | 49.9 | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 10   | 24     | 57     | 0.951     | 0.013     | 1.617 | 0.023     | 0.02      | 0         | 58.5 | 58.9 | 51.6 | 162        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 10   | 34     | 57     | 0.978     | -0.016    | 1.617 | 0.02      | 0.016     | 0         | 58.5 | 58.9 | 49   | 162        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 10   | 44     | 57     | 0.948     | -0.003    | 1.621 | 0.023     | 0.023     | 0         | 58.9 | 58.9 | 52.9 | 163        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 10   | 54     | 57     | 0.978     | 0.007     | 1.621 | 0.026     | 0.023     | 0         | 58.5 | 59.3 | 45.6 | 162        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 11   | 4      | 57     | 1.001     | -0.023    | 1.627 | 0.026     | 0.023     | 0         | 58.5 | 59.3 | 53.8 | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 11   | 14     | 57     | 1.001     | 0.036     | 1.627 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 55   | 162        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 11   | 24     | 57     | 0.955     | 0.026     | 1.627 | 0.023     | 0.02      | 0         | 58   | 59.3 | 44.7 | 162        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 11   | 34     | 57     | 0.971     | 0         | 1.631 | 0.026     | 0.023     | 0         | 58.5 | 59.8 | 55.5 | 162        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 11   | 44     | 57     | 0.997     | -0.003    | 1.631 | 0.023     | 0.023     | 0         | 57.6 | 58.9 | 49.5 | 161        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 11   | 54     | 57     | 0.981     | 0.01      | 1.631 | 0.026     | 0.023     | 0         | 58   | 59.3 | 47.3 | 162        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 12   | 4      | 57     | 0.991     | 0.016     | 1.634 | 0.026     | 0.023     | 0         | 58   | 59.8 | 57.2 | 162        | 165        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 12   | 14     | 57     | 1.037     | 0.01      | 1.634 | 0.023     | 0.02      | 0         | 58.5 | 59.3 | 59.3 | 162        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 12   | 24     | 57     | 0.965     | 0.059     | 1.637 | 0.023     | 0.023     | 0         | 58.9 | 60.2 | 56.3 | 163        | 166        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 12   | 34     | 57     | 1.001     | 0.039     | 1.637 | 0.026     | 0.023     | 0         | 58   | 59.8 | 59.8 | 161        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 12   | 44     | 57     | 0.981     | 0.016     | 1.637 | 0.03      | 0.026     | 0         | 58   | 60.2 | 59.3 | 161        | 166        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 12   | 54     | 57     | 0.994     | -0.003    | 1.637 | 0.023     | 0.023     | 0         | 58   | 60.2 | 56.3 | 161        | 166        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 13   | 4      | 57     | 0.968     | 0.026     | 1.64  | 0.03      | 0.026     | 0         | 58   | 59.8 | 58.9 | 161        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 13   | 14     | 57     | 1.02      | 0.026     | 1.64  | 0.026     | 0.023     | 0         | 57.6 | 60.2 | 56.8 | 161        | 166        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 13   | 24     | 57     | 1.014     | 0.026     | 1.64  | 0.026     | 0.026     | 0         | 58   | 60.2 | 58.5 | 161        | 166        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 13   | 34     | 57     | 0.984     | -0.049    | 1.644 | 0.023     | 0.023     | 0         | 58   | 59.8 | 57.6 | 161        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 13   | 43     | 43     | 1.02      | 0         | 1.644 | 0.023     | 0.023     | 0         | 58   | 60.2 | 59.3 | 161        | 166        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 13   | 53     | 43     | 0.883     | -0.03     | 1.647 | 0.023     | 0.023     | 0         | 58   | 60.2 | 55.5 | 161        | 166        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 14   | 3      | 43     | 0.974     | -0.046    | 1.65  | 0.026     | 0.023     | 0         | 57.6 | 60.2 | 59.3 | 160        | 166        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 14   | 13     | 43     | 1.01      | 0.01      | 1.657 | 0.02      | 0.016     | 0         | 57.6 | 59.8 | 58   | 160        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 14   | 23     | 43     | 0.988     | -0.02     | 1.66  | 0.026     | 0.026     | 0         | 57.6 | 59.8 | 55   | 160        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 14   | 33     | 43     | 0.994     | -0.003    | 1.663 | 0.023     | 0.02      | 0         | 57.6 | 59.8 | 59.8 | 160        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 14   | 43     | 43     | 0.971     | -0.03     | 1.667 | 0.023     | 0.02      | 0         | 57.6 | 59.8 | 58.9 | 160        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 14   | 53     | 43     | 0.896     | -0.036    | 1.67  | 0.026     | 0.026     | 0         | 57.6 | 59.8 | 61.1 | 160        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 15   | 3      | 43     | 0.991     | 0.02      | 1.67  | 0.023     | 0.023     | 0         | 57.2 | 59.8 | 60.6 | 159        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 15   | 13     | 43     | 1.027     | -0.003    | 1.673 | 0.023     | 0.023     | 0         | 57.2 | 59.8 | 60.2 | 159        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 15   | 23     | 43     | 0.935     | -0.033    | 1.673 | 0.033     | 0.033     | 0         | 57.2 | 59.8 | 61.1 | 159        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 15   | 33     | 43     | 0.948     | -0.007    | 1.677 | 0.023     | 0.02      | 0         | 57.6 | 59.8 | 62.4 | 159        | 165        | 0          | 25     | 26     |
| 2009 | 6     | 18  | 15   | 43     | 43     | 0.968     | -0.059    | 1.677 | 0.023     | 0.02      | 0         | 56.8 | 59.3 | 61.1 | 158        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 15   | 53     | 43     | 0.942     | 0.03      | 1.677 | 0.023     | 0.02      | 0         | 56.8 | 59.3 | 62.4 | 158        | 164        | 0          | 26     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 18  | 16   | 3      | 43     | 0.991     | 0.036     | 1.68  | 0.023     | 0.02      | 0         | 56.8 | 59.3 | 61.1 | 158        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 16   | 13     | 43     | 0.912     | 0.02      | 1.68  | 0.023     | 0.023     | 0         | 56.8 | 59.3 | 58.5 | 158        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 16   | 23     | 43     | 0.909     | -0.007    | 1.68  | 0.023     | 0.023     | 0         | 56.8 | 59.8 | 58   | 158        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 16   | 33     | 43     | 0.945     | -0.01     | 1.68  | 0.023     | 0.02      | 0         | 56.3 | 59.3 | 60.6 | 157        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 16   | 43     | 43     | 0.988     | -0.016    | 1.68  | 0.026     | 0.023     | 0         | 56.3 | 59.3 | 61.5 | 157        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 16   | 53     | 43     | 1.024     | 0.007     | 1.683 | 0.026     | 0.023     | 0         | 56.3 | 59.3 | 58.5 | 157        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 17   | 3      | 43     | 0.971     | 0         | 1.683 | 0.023     | 0.023     | 0         | 56.3 | 59.8 | 61.1 | 157        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 17   | 13     | 43     | 1.024     | 0.03      | 1.683 | 0.023     | 0.02      | 0         | 56.3 | 59.8 | 60.2 | 157        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 17   | 23     | 43     | 0.997     | 0.007     | 1.683 | 0.026     | 0.023     | 0         | 56.3 | 59.3 | 60.6 | 157        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 17   | 33     | 43     | 0.988     | 0         | 1.686 | 0.026     | 0.023     | 0         | 56.3 | 59.3 | 58.5 | 157        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 17   | 43     | 43     | 0.984     | 0.023     | 1.686 | 0.02      | 0.016     | 0         | 56.8 | 59.3 | 57.6 | 158        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 17   | 53     | 43     | 0.991     | -0.016    | 1.69  | 0.026     | 0.023     | 0         | 56.8 | 59.3 | 58   | 158        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 18   | 3      | 43     | 0.978     | 0.003     | 1.693 | 0.023     | 0.02      | 0         | 56.3 | 59.3 | 58.9 | 157        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 18   | 13     | 43     | 0.991     | -0.007    | 1.696 | 0.023     | 0.02      | 0         | 56.8 | 59.3 | 58   | 158        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 18   | 23     | 43     | 1.01      | -0.01     | 1.699 | 0.02      | 0.016     | 0         | 56.3 | 58.9 | 56.3 | 158        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 18   | 33     | 43     | 1.007     | -0.007    | 1.703 | 0.026     | 0.023     | 0         | 57.2 | 59.3 | 59.3 | 159        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 18   | 43     | 43     | 0.994     | 0.013     | 1.703 | 0.03      | 0.026     | 0         | 56.8 | 59.8 | 60.6 | 158        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 18   | 53     | 43     | 1.004     | 0.026     | 1.703 | 0.02      | 0.016     | 0         | 56.8 | 59.8 | 59.3 | 158        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 19   | 3      | 43     | 0.994     | 0         | 1.703 | 0.023     | 0.023     | 0         | 56.8 | 58.9 | 61.5 | 158        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 19   | 13     | 43     | 0.948     | 0.023     | 1.706 | 0.023     | 0.02      | 0         | 56.8 | 59.8 | 61.9 | 158        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 19   | 23     | 43     | 0.925     | 0.013     | 1.706 | 0.023     | 0.02      | 0         | 57.6 | 59.3 | 62.4 | 161        | 164        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 19   | 33     | 43     | 0.971     | -0.033    | 1.709 | 0.023     | 0.023     | 0         | 57.6 | 59.8 | 63.2 | 161        | 165        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 19   | 43     | 43     | 1.007     | -0.016    | 1.709 | 0.023     | 0.023     | 0         | 57.6 | 59.8 | 63.6 | 161        | 165        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 19   | 53     | 43     | 1.033     | 0         | 1.709 | 0.023     | 0.023     | 0         | 58   | 58.9 | 63.6 | 161        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 20   | 3      | 43     | 1.001     | 0         | 1.709 | 0.02      | 0.016     | 0         | 58   | 59.3 | 63.2 | 161        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 20   | 13     | 43     | 1.004     | -0.026    | 1.709 | 0.023     | 0.02      | 0         | 57.6 | 59.3 | 63.6 | 161        | 164        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 20   | 23     | 43     | 0.994     | -0.023    | 1.713 | 0.023     | 0.023     | 0         | 57.6 | 59.3 | 63.2 | 161        | 164        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 20   | 33     | 43     | 1.007     | 0.02      | 1.713 | 0.026     | 0.023     | 0         | 58   | 59.8 | 62.8 | 162        | 165        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 20   | 43     | 43     | 1.017     | -0.013    | 1.713 | 0.023     | 0.02      | 0         | 58.5 | 59.3 | 61.9 | 162        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 20   | 53     | 43     | 0.984     | 0.023     | 1.713 | 0.023     | 0.023     | 0         | 58.5 | 59.3 | 62.8 | 162        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 21   | 3      | 43     | 0.945     | -0.007    | 1.716 | 0.023     | 0.023     | 0         | 58   | 58.9 | 62.8 | 161        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 21   | 13     | 43     | 0.971     | -0.007    | 1.716 | 0.023     | 0.02      | 0         | 58   | 59.8 | 61.5 | 162        | 165        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 21   | 23     | 43     | 1.033     | -0.03     | 1.716 | 0.023     | 0.02      | 0         | 58.5 | 59.3 | 61.9 | 162        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 21   | 33     | 43     | 1.017     | 0         | 1.716 | 0.023     | 0.02      | 0         | 59.8 | 59.3 | 61.5 | 165        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 21   | 43     | 43     | 1.001     | -0.039    | 1.719 | 0.023     | 0.02      | 0         | 59.3 | 59.3 | 61.1 | 165        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 21   | 53     | 43     | 0.991     | 0.026     | 1.719 | 0.026     | 0.023     | 0         | 59.3 | 58.9 | 60.2 | 164        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 22   | 3      | 43     | 0.997     | 0.052     | 1.722 | 0.023     | 0.02      | 0         | 58.9 | 58.5 | 60.6 | 163        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 22   | 13     | 43     | 0.955     | 0         | 1.729 | 0.023     | 0.023     | 0         | 58.9 | 58.9 | 60.2 | 164        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 22   | 23     | 43     | 1.004     | 0         | 1.732 | 0.023     | 0.023     | 0         | 58.9 | 59.3 | 61.1 | 164        | 164        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 22   | 33     | 43     | 1.004     | 0.023     | 1.736 | 0.023     | 0.02      | 0         | 58.5 | 58.5 | 61.1 | 163        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 22   | 43     | 43     | 0.994     | -0.007    | 1.736 | 0.023     | 0.023     | 0         | 58.5 | 58.5 | 61.9 | 163        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 22   | 53     | 43     | 0.988     | -0.023    | 1.739 | 0.026     | 0.026     | 0         | 58.9 | 58.5 | 62.4 | 163        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 23   | 3      | 43     | 1.033     | 0.003     | 1.739 | 0.023     | 0.02      | 0         | 58.5 | 58   | 63.2 | 162        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 23   | 13     | 43     | 1.01      | -0.023    | 1.742 | 0.023     | 0.023     | 0         | 58.5 | 58   | 64.1 | 163        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 23   | 23     | 43     | 0.965     | 0.013     | 1.742 | 0.023     | 0.023     | 0         | 58.5 | 58.5 | 63.6 | 162        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 23   | 33     | 43     | 0.935     | 0.007     | 1.745 | 0.02      | 0.016     | 0         | 58.9 | 58.5 | 63.6 | 163        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 23   | 43     | 43     | 0.997     | 0.03      | 1.745 | 0.023     | 0.02      | 0         | 58   | 58   | 64.9 | 162        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 23   | 53     | 43     | 0.935     | 0.069     | 1.745 | 0.023     | 0.023     | 0         | 58.5 | 58   | 64.5 | 162        | 162        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 19  | 0    | 3      | 43     | 1.01      | 0.003     | 1.745 | 0.023     | 0.02      | 0         | 58.5 | 58   | 64.1 | 162        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 0    | 13     | 43     | 1.01      | 0.03      | 1.749 | 0.023     | 0.023     | 0         | 58.5 | 58.9 | 64.1 | 162        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 0    | 23     | 43     | 1.001     | 0.013     | 1.749 | 0.023     | 0.023     | 0         | 58   | 58   | 62.8 | 161        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 0    | 33     | 43     | 0.915     | 0.01      | 1.749 | 0.02      | 0.016     | 0         | 58.5 | 58.5 | 63.6 | 163        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 0    | 43     | 43     | 0.997     | -0.007    | 1.749 | 0.023     | 0.02      | 0         | 58.5 | 58.5 | 63.2 | 163        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 0    | 53     | 43     | 0.994     | 0.069     | 1.752 | 0.023     | 0.02      | 0         | 58   | 58.5 | 63.6 | 162        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 1    | 3      | 43     | 0.958     | 0.02      | 1.752 | 0.023     | 0.02      | 0         | 58.5 | 58.9 | 63.6 | 162        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 1    | 13     | 43     | 0.978     | 0.039     | 1.752 | 0.026     | 0.023     | 0         | 58.5 | 58   | 61.9 | 162        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 1    | 23     | 43     | 0.984     | 0.02      | 1.755 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 62.4 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 1    | 33     | 43     | 0.961     | -0.003    | 1.755 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 62.4 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 1    | 43     | 43     | 1.007     | 0.003     | 1.759 | 0.02      | 0.016     | 0         | 57.6 | 58   | 61.9 | 160        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 1    | 53     | 43     | 1.01      | 0.013     | 1.759 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 61.5 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 2    | 3      | 43     | 1.047     | -0.013    | 1.762 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 61.9 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 2    | 13     | 43     | 0.958     | 0.013     | 1.768 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 61.1 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 2    | 23     | 43     | 1.05      | 0         | 1.772 | 0.023     | 0.02      | 0         | 57.6 | 58   | 62.4 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 2    | 33     | 43     | 0.974     | 0.013     | 1.775 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 62.4 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 2    | 43     | 43     | 0.974     | 0         | 1.775 | 0.023     | 0.02      | 0         | 57.2 | 57.2 | 63.2 | 159        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 2    | 53     | 43     | 1.01      | 0         | 1.775 | 0.02      | 0.016     | 0         | 57.2 | 58   | 63.6 | 160        | 161        | 0          | 27     | 26     |
| 2009 | 6     | 19  | 3    | 3      | 43     | 1.043     | 0.01      | 1.778 | 0.023     | 0.02      | 0         | 57.2 | 58.5 | 63.6 | 160        | 162        | 0          | 27     | 26     |
| 2009 | 6     | 19  | 3    | 13     | 43     | 1.001     | 0         | 1.778 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 64.1 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 3    | 23     | 43     | 1.001     | 0         | 1.781 | 0.023     | 0.023     | 0         | 57.2 | 57.6 | 64.9 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 3    | 33     | 43     | 0.984     | -0.033    | 1.781 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 64.9 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 3    | 43     | 43     | 1.033     | 0         | 1.781 | 0.02      | 0.016     | 0         | 57.6 | 58   | 64.5 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 3    | 53     | 43     | 1.02      | 0.033     | 1.781 | 0.023     | 0.02      | 0         | 56.8 | 58   | 64.9 | 159        | 161        | 0          | 27     | 26     |
| 2009 | 6     | 19  | 4    | 3      | 43     | 1.043     | 0.013     | 1.785 | 0.02      | 0.016     | 0         | 57.2 | 58   | 64.9 | 160        | 161        | 0          | 27     | 26     |
| 2009 | 6     | 19  | 4    | 13     | 43     | 1.004     | 0.003     | 1.785 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 64.5 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 4    | 23     | 43     | 0.991     | 0.01      | 1.785 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 64.5 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 4    | 33     | 43     | 1.037     | 0.007     | 1.785 | 0.023     | 0.02      | 0         | 56.8 | 57.6 | 64.5 | 159        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 4    | 43     | 43     | 0.955     | -0.007    | 1.785 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 64.5 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 4    | 53     | 43     | 0.991     | 0         | 1.785 | 0.02      | 0.016     | 0         | 57.2 | 58   | 64.5 | 160        | 161        | 0          | 27     | 26     |
| 2009 | 6     | 19  | 5    | 3      | 43     | 0.991     | -0.056    | 1.788 | 0.023     | 0.02      | 0         | 57.6 | 57.6 | 62.4 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 5    | 13     | 43     | 0.974     | 0.02      | 1.788 | 0.02      | 0.016     | 0         | 57.2 | 58   | 63.6 | 160        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 5    | 23     | 43     | 1.004     | 0         | 1.788 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 64.1 | 161        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 5    | 33     | 43     | 1.047     | 0.013     | 1.791 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 62.8 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 5    | 43     | 43     | 1.01      | -0.003    | 1.791 | 0.02      | 0.016     | 0         | 58   | 57.6 | 62.4 | 161        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 5    | 53     | 43     | 0.945     | -0.016    | 1.791 | 0.023     | 0.02      | 0         | 57.6 | 58   | 62.4 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 6    | 3      | 43     | 0.991     | -0.026    | 1.791 | 0.023     | 0.02      | 0         | 57.6 | 57.6 | 62.4 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 6    | 13     | 43     | 0.994     | -0.02     | 1.795 | 0.026     | 0.023     | 0         | 57.6 | 58   | 62.4 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 6    | 23     | 43     | 1.043     | 0.026     | 1.795 | 0.023     | 0.02      | 0         | 57.2 | 58   | 61.1 | 160        | 161        | 0          | 27     | 26     |
| 2009 | 6     | 19  | 6    | 33     | 43     | 1.02      | -0.013    | 1.795 | 0.023     | 0.02      | 0         | 57.6 | 57.6 | 60.2 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 6    | 43     | 43     | 1.007     | 0.033     | 1.798 | 0.023     | 0.02      | 0         | 57.6 | 57.2 | 61.1 | 160        | 161        | 0          | 26     | 28     |
| 2009 | 6     | 19  | 6    | 53     | 43     | 0.951     | 0.01      | 1.801 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 61.5 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 7    | 3      | 43     | 0.991     | -0.01     | 1.804 | 0.02      | 0.016     | 0         | 57.2 | 57.2 | 61.5 | 160        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 7    | 13     | 43     | 1.024     | 0.01      | 1.808 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 61.1 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 7    | 23     | 43     | 0.961     | -0.007    | 1.808 | 0.03      | 0.026     | 0         | 56.8 | 57.6 | 61.1 | 159        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 7    | 33     | 43     | 0.981     | 0.007     | 1.811 | 0.026     | 0.023     | 0         | 56.8 | 58   | 62.4 | 159        | 161        | 0          | 27     | 26     |
| 2009 | 6     | 19  | 7    | 43     | 43     | 1.01      | -0.049    | 1.811 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 61.9 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 7    | 53     | 43     | 1.03      | 0.043     | 1.811 | 0.023     | 0.02      | 0         | 57.2 | 57.2 | 61.9 | 160        | 160        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 19  | 8    | 3      | 43     | 1.014     | 0.026     | 1.814 | 0.023     | 0.02      | 0         | 57.6 | 57.6 | 62.4 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 8    | 13     | 43     | 1.004     | -0.007    | 1.814 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 62.4 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 8    | 23     | 43     | 1.001     | 0.016     | 1.814 | 0.026     | 0.023     | 0         | 57.2 | 57.6 | 61.9 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 8    | 33     | 43     | 0.984     | -0.013    | 1.814 | 0.023     | 0.02      | 0         | 57.6 | 57.6 | 62.4 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 8    | 43     | 43     | 1.053     | -0.013    | 1.814 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 62.4 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 8    | 53     | 43     | 1.06      | 0.01      | 1.818 | 0.033     | 0.03      | 0         | 56.8 | 58   | 61.9 | 159        | 161        | 0          | 27     | 26     |
| 2009 | 6     | 19  | 9    | 3      | 43     | 1.004     | 0.02      | 1.814 | 0.023     | 0.02      | 0         | 56.8 | 57.6 | 62.4 | 159        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 9    | 13     | 43     | 0.974     | 0.026     | 1.818 | 0.02      | 0.016     | 0         | 57.6 | 58   | 61.9 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 9    | 23     | 43     | 0.991     | 0         | 1.818 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 61.9 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 9    | 33     | 43     | 1.04      | 0.056     | 1.818 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 61.5 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 9    | 43     | 43     | 1.014     | -0.01     | 1.818 | 0.026     | 0.023     | 0         | 57.2 | 58   | 61.9 | 160        | 161        | 0          | 27     | 26     |
| 2009 | 6     | 19  | 9    | 53     | 43     | 0.978     | -0.013    | 1.818 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 60.6 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 10   | 3      | 43     | 1.063     | 0.046     | 1.818 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 60.2 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 10   | 13     | 43     | 1.04      | 0.003     | 1.814 | 0.02      | 0.016     | 0         | 57.6 | 58   | 58.9 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 10   | 23     | 43     | 0.991     | 0         | 1.818 | 0.023     | 0.02      | 0         | 57.6 | 57.6 | 58.9 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 10   | 33     | 43     | 0.981     | 0.02      | 1.814 | 0.026     | 0.023     | 0         | 57.6 | 57.6 | 58   | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 10   | 43     | 43     | 0.974     | 0.033     | 1.814 | 0.02      | 0.016     | 0         | 57.6 | 58   | 56.8 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 10   | 53     | 43     | 0.968     | 0.043     | 1.814 | 0.02      | 0.016     | 0         | 57.2 | 58.5 | 57.6 | 160        | 162        | 0          | 27     | 26     |
| 2009 | 6     | 19  | 11   | 3      | 43     | 0.955     | 0.033     | 1.814 | 0.023     | 0.02      | 0         | 57.6 | 58   | 55.9 | 160        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 11   | 13     | 43     | 1.004     | 0.03      | 1.814 | 0.026     | 0.023     | 0         | 58   | 58.5 | 56.3 | 161        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 11   | 23     | 43     | 1.007     | 0.016     | 1.811 | 0.023     | 0.02      | 0         | 57.6 | 58.9 | 57.2 | 161        | 163        | 0          | 27     | 26     |
| 2009 | 6     | 19  | 11   | 33     | 43     | 1.02      | 0.039     | 1.814 | 0.023     | 0.02      | 0         | 58   | 58.5 | 55.9 | 161        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 11   | 43     | 43     | 0.978     | 0.02      | 1.811 | 0.02      | 0.016     | 0         | 58   | 58.9 | 52.5 | 161        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 11   | 53     | 43     | 0.961     | 0.026     | 1.808 | 0.03      | 0.026     | 0         | 58   | 58.9 | 55.5 | 161        | 162        | 0          | 26     | 25     |
| 2009 | 6     | 19  | 12   | 3      | 43     | 1.06      | 0.062     | 1.808 | 0.02      | 0.016     | 0         | 58   | 58.5 | 57.6 | 161        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 12   | 13     | 43     | 1.024     | 0.036     | 1.804 | 0.023     | 0.02      | 0         | 58   | 58.5 | 55.5 | 161        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 12   | 23     | 43     | 0.965     | -0.023    | 1.804 | 0.02      | 0.016     | 0         | 57.6 | 58.9 | 56.3 | 161        | 163        | 0          | 27     | 26     |
| 2009 | 6     | 19  | 12   | 33     | 43     | 1.014     | -0.016    | 1.804 | 0.02      | 0.016     | 0         | 58   | 58   | 57.6 | 161        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 12   | 43     | 43     | 1.02      | -0.013    | 1.804 | 0.02      | 0.016     | 0         | 58   | 58.5 | 60.6 | 161        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 12   | 53     | 43     | 1.01      | 0.046     | 1.804 | 0.026     | 0.023     | 0         | 58   | 58.9 | 58   | 161        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 13   | 3      | 43     | 1.01      | -0.007    | 1.801 | 0.023     | 0.02      | 0         | 57.6 | 58.5 | 57.2 | 160        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 13   | 13     | 43     | 1.01      | 0.072     | 1.801 | 0.02      | 0.016     | 0         | 58   | 58.5 | 56.8 | 161        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 13   | 23     | 43     | 1.014     | 0.03      | 1.801 | 0.023     | 0.02      | 0         | 58   | 58.9 | 56.8 | 161        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 13   | 33     | 43     | 1.001     | -0.013    | 1.801 | 0.026     | 0.023     | 0         | 58   | 58.9 | 58.9 | 161        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 13   | 43     | 43     | 1.014     | 0.039     | 1.801 | 0.023     | 0.02      | 0         | 58   | 58.5 | 56.8 | 161        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 13   | 53     | 43     | 1.027     | 0.112     | 1.801 | 0.02      | 0.016     | 0         | 58   | 58.9 | 59.8 | 161        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 14   | 3      | 43     | 0.955     | 0.062     | 1.798 | 0.02      | 0.016     | 0         | 58.5 | 59.3 | 53.8 | 162        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 14   | 13     | 43     | 1.007     | 0.046     | 1.798 | 0.023     | 0.02      | 0         | 58.5 | 59.3 | 56.8 | 162        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 14   | 23     | 43     | 0.984     | 0.046     | 1.798 | 0.023     | 0.02      | 0         | 58.5 | 59.8 | 57.6 | 162        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 14   | 33     | 43     | 0.948     | 0.003     | 1.798 | 0.023     | 0.02      | 0         | 58.9 | 59.3 | 59.8 | 162        | 164        | 0          | 25     | 26     |
| 2009 | 6     | 19  | 14   | 43     | 43     | 0.991     | 0.043     | 1.798 | 0.023     | 0.023     | 0         | 58.5 | 59.3 | 58.5 | 162        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 14   | 53     | 43     | 1.014     | 0.049     | 1.798 | 0.02      | 0.016     | 0         | 58.5 | 59.3 | 59.8 | 162        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 15   | 3      | 43     | 0.951     | 0.03      | 1.798 | 0.023     | 0.02      | 0         | 58.5 | 59.3 | 59.3 | 162        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 15   | 13     | 43     | 0.955     | 0.023     | 1.798 | 0.023     | 0.02      | 0         | 58.9 | 59.8 | 57.2 | 163        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 15   | 23     | 43     | 0.981     | 0.066     | 1.795 | 0.023     | 0.02      | 0         | 58.9 | 59.8 | 61.5 | 163        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 15   | 33     | 43     | 1.007     | -0.013    | 1.795 | 0.023     | 0.02      | 0         | 58.9 | 59.8 | 58.5 | 163        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 15   | 43     | 43     | 1.02      | 0.043     | 1.795 | 0.023     | 0.02      | 0         | 58.5 | 59.8 | 49.5 | 162        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 15   | 53     | 43     | 0.925     | 0.069     | 1.795 | 0.02      | 0.016     | 0         | 58.5 | 59.8 | 55   | 162        | 165        | 0          | 26     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 19  | 16   | 3      | 43     | 0.991     | 0.043     | 1.795 | 0.02      | 0.016     | 0         | 58.5 | 59.8 | 54.2 | 162        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 16   | 13     | 43     | 0.958     | 0.003     | 1.795 | 0.02      | 0.016     | 0         | 58.9 | 59.8 | 58.9 | 163        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 16   | 23     | 43     | 1.001     | 0.062     | 1.791 | 0.026     | 0.023     | 0         | 58.5 | 59.3 | 47.7 | 162        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 16   | 33     | 43     | 0.955     | 0.03      | 1.791 | 0.023     | 0.02      | 0         | 58.5 | 60.2 | 56.8 | 162        | 165        | 0          | 26     | 25     |
| 2009 | 6     | 19  | 16   | 43     | 43     | 0.994     | 0.007     | 1.791 | 0.023     | 0.023     | 0         | 58.9 | 60.2 | 49   | 162        | 165        | 0          | 25     | 25     |
| 2009 | 6     | 19  | 16   | 53     | 43     | 0.988     | 0.049     | 1.791 | 0.02      | 0.016     | 0         | 58.5 | 59.3 | 49   | 162        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 17   | 3      | 43     | 0.955     | 0.016     | 1.788 | 0.02      | 0.016     | 0         | 58.9 | 59.8 | 57.2 | 162        | 165        | 0          | 25     | 26     |
| 2009 | 6     | 19  | 17   | 13     | 43     | 1.004     | 0.062     | 1.788 | 0.02      | 0.016     | 0         | 58.5 | 59.8 | 58.9 | 162        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 17   | 23     | 43     | 0.994     | 0.039     | 1.785 | 0.026     | 0.026     | 0         | 58.5 | 59.8 | 51.2 | 162        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 17   | 33     | 43     | 0.978     | 0.023     | 1.785 | 0.02      | 0.016     | 0         | 58.5 | 59.8 | 55.9 | 162        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 17   | 43     | 43     | 0.994     | 0.013     | 1.785 | 0.023     | 0.02      | 0         | 58.5 | 59.8 | 60.6 | 162        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 17   | 53     | 43     | 0.994     | 0.016     | 1.781 | 0.026     | 0.026     | 0         | 58.5 | 59.8 | 57.2 | 162        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 18   | 3      | 43     | 0.945     | 0.056     | 1.781 | 0.023     | 0.023     | 0         | 58.5 | 59.8 | 53.8 | 162        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 18   | 13     | 43     | 0.951     | 0.046     | 1.778 | 0.023     | 0.023     | 0         | 58.9 | 59.8 | 58   | 163        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 18   | 23     | 43     | 1.014     | 0.043     | 1.775 | 0.023     | 0.02      | 0         | 58.5 | 59.8 | 50.3 | 162        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 18   | 33     | 43     | 0.971     | 0.056     | 1.772 | 0.026     | 0.023     | 0         | 58.9 | 59.3 | 53.8 | 163        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 18   | 43     | 43     | 0.997     | 0.013     | 1.772 | 0.023     | 0.02      | 0         | 58.9 | 59.8 | 50.7 | 163        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 18   | 53     | 43     | 0.974     | 0.016     | 1.768 | 0.026     | 0.023     | 0         | 58.5 | 59.8 | 58.5 | 162        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 19   | 3      | 43     | 0.978     | 0.043     | 1.765 | 0.026     | 0.023     | 0         | 58.9 | 59.8 | 58.5 | 163        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 19   | 13     | 43     | 0.994     | 0         | 1.765 | 0.023     | 0.02      | 0         | 58.9 | 60.2 | 59.3 | 163        | 166        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 19   | 23     | 43     | 1.02      | 0.01      | 1.765 | 0.023     | 0.023     | 0         | 58.9 | 60.2 | 58   | 163        | 166        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 19   | 33     | 43     | 0.951     | 0.02      | 1.765 | 0.026     | 0.023     | 0         | 59.3 | 60.6 | 54.6 | 163        | 167        | 0          | 25     | 26     |
| 2009 | 6     | 19  | 19   | 43     | 43     | 0.974     | 0.056     | 1.762 | 0.026     | 0.023     | 0         | 58.5 | 59.8 | 58.5 | 162        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 19   | 53     | 43     | 1.01      | 0.075     | 1.762 | 0.026     | 0.026     | 0         | 58   | 59.3 | 59.8 | 162        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 20   | 3      | 43     | 1.001     | 0         | 1.762 | 0.023     | 0.02      | 0         | 58.5 | 59.8 | 57.6 | 162        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 20   | 13     | 43     | 1.024     | 0.059     | 1.759 | 0.023     | 0.02      | 0         | 59.8 | 59.8 | 59.3 | 165        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 20   | 23     | 43     | 1.007     | -0.016    | 1.759 | 0.023     | 0.02      | 0         | 59.3 | 59.8 | 61.5 | 164        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 20   | 33     | 43     | 0.997     | 0         | 1.759 | 0.023     | 0.02      | 0         | 59.3 | 59.8 | 46.9 | 164        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 20   | 43     | 43     | 1.129     | -0.013    | 1.759 | 0.023     | 0.02      | 0         | 59.3 | 59.8 | 51.2 | 164        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 20   | 53     | 43     | 0.971     | 0.069     | 1.759 | 0.02      | 0.016     | 0         | 59.8 | 59.8 | 46.4 | 165        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 21   | 3      | 43     | 0.961     | -0.003    | 1.755 | 0.023     | 0.023     | 0         | 59.3 | 59.3 | 56.3 | 164        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 21   | 13     | 43     | 1.001     | 0         | 1.755 | 0.023     | 0.02      | 0         | 58.5 | 58.9 | 61.9 | 163        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 21   | 23     | 43     | 0.991     | 0.023     | 1.755 | 0.026     | 0.023     | 0         | 59.3 | 59.3 | 44.3 | 164        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 21   | 33     | 43     | 1.004     | 0.036     | 1.755 | 0.023     | 0.02      | 0         | 59.3 | 59.3 | 60.6 | 164        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 21   | 43     | 43     | 1.043     | -0.007    | 1.755 | 0.023     | 0.023     | 0         | 58.9 | 58.9 | 44.7 | 163        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 21   | 53     | 43     | 0.978     | 0.013     | 1.755 | 0.023     | 0.02      | 0         | 58.5 | 58.5 | 60.6 | 162        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 22   | 3      | 43     | 1.047     | 0.03      | 1.752 | 0.023     | 0.02      | 0         | 58.5 | 58.9 | 61.1 | 162        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 22   | 13     | 43     | 0.968     | -0.013    | 1.752 | 0.023     | 0.023     | 0         | 58.5 | 58.9 | 41.3 | 162        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 22   | 23     | 43     | 1.004     | 0         | 1.752 | 0.026     | 0.023     | 0         | 58.5 | 58.9 | 58.9 | 162        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 22   | 33     | 43     | 0.997     | 0.059     | 1.752 | 0.02      | 0.016     | 0         | 58   | 58.5 | 58.5 | 161        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 22   | 43     | 43     | 1.001     | -0.023    | 1.752 | 0.02      | 0.016     | 0         | 58.5 | 58.5 | 64.1 | 162        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 22   | 53     | 43     | 0.991     | 0.039     | 1.752 | 0.023     | 0.023     | 0         | 58   | 58   | 63.2 | 161        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 23   | 3      | 43     | 0.965     | 0.03      | 1.752 | 0.026     | 0.023     | 0         | 58   | 58.9 | 63.6 | 161        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 23   | 13     | 43     | 1.01      | 0         | 1.752 | 0.023     | 0.02      | 0         | 57.6 | 58.5 | 60.6 | 160        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 23   | 23     | 43     | 1.04      | 0.01      | 1.749 | 0.023     | 0.02      | 0         | 58   | 58   | 57.6 | 161        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 23   | 33     | 43     | 0.997     | 0.02      | 1.749 | 0.02      | 0.016     | 0         | 57.2 | 58.5 | 62.8 | 160        | 162        | 0          | 27     | 26     |
| 2009 | 6     | 19  | 23   | 43     | 43     | 1.037     | -0.003    | 1.749 | 0.023     | 0.02      | 0         | 58   | 58.9 | 53.8 | 161        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 23   | 53     | 43     | 1.033     | 0.03      | 1.749 | 0.023     | 0.02      | 0         | 57.6 | 58.5 | 47.3 | 160        | 162        | 0          | 26     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 20  | 0    | 3      | 43     | 0.948     | -0.003    | 1.749 | 0.03      | 0.026     | 0         | 57.2 | 58   | 57.6 | 160        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 20  | 0    | 13     | 43     | 0.942     | 0.043     | 1.745 | 0.03      | 0.026     | 0         | 57.6 | 58   | 42.6 | 160        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 0    | 23     | 43     | 0.991     | 0.036     | 1.745 | 0.023     | 0.02      | 0         | 57.6 | 58   | 44.7 | 160        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 0    | 33     | 43     | 0.974     | -0.033    | 1.749 | 0.023     | 0.023     | 0         | 57.2 | 58   | 64.5 | 160        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 20  | 0    | 43     | 43     | 1.004     | 0.003     | 1.749 | 0.03      | 0.026     | 0         | 58   | 58.5 | 60.6 | 161        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 0    | 53     | 43     | 0.988     | 0.072     | 1.745 | 0.026     | 0.023     | 0         | 58   | 58   | 51.6 | 161        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 1    | 3      | 43     | 1.037     | -0.013    | 1.745 | 0.023     | 0.02      | 0         | 58   | 58   | 43.4 | 161        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 1    | 13     | 43     | 1.05      | 0.033     | 1.745 | 0.023     | 0.023     | 0         | 57.6 | 58   | 58.9 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 20  | 1    | 23     | 43     | 0.971     | -0.03     | 1.745 | 0.023     | 0.02      | 0         | 57.6 | 58.5 | 60.6 | 160        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 1    | 33     | 43     | 1.01      | 0         | 1.745 | 0.023     | 0.023     | 0         | 57.6 | 58   | 59.8 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 1    | 43     | 43     | 1.053     | 0.013     | 1.745 | 0.026     | 0.023     | 0         | 58   | 57.6 | 62.4 | 161        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 1    | 53     | 43     | 1.004     | 0.026     | 1.745 | 0.026     | 0.023     | 0         | 57.6 | 57.6 | 59.8 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 2    | 3      | 43     | 1.004     | 0.013     | 1.745 | 0.023     | 0.023     | 0         | 57.6 | 57.6 | 61.1 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 2    | 13     | 43     | 1.043     | 0         | 1.742 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 61.1 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 20  | 2    | 23     | 43     | 0.968     | 0.01      | 1.745 | 0.023     | 0.02      | 0         | 57.2 | 57.2 | 65.8 | 159        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 2    | 33     | 43     | 0.978     | -0.046    | 1.745 | 0.033     | 0.03      | 0         | 57.6 | 58   | 62.8 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 2    | 43     | 43     | 0.965     | 0.013     | 1.742 | 0.03      | 0.026     | 0         | 56.8 | 57.6 | 64.5 | 159        | 160        | 0          | 27     | 26     |
| 2009 | 6     | 20  | 2    | 53     | 43     | 0.968     | 0.02      | 1.742 | 0.026     | 0.023     | 0         | 56.8 | 57.6 | 64.5 | 159        | 160        | 0          | 27     | 26     |
| 2009 | 6     | 20  | 3    | 3      | 43     | 1.043     | 0.007     | 1.742 | 0.026     | 0.026     | 0         | 57.6 | 58   | 63.6 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 3    | 13     | 43     | 1.017     | -0.059    | 1.742 | 0.023     | 0.023     | 0         | 58   | 58   | 60.2 | 161        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 3    | 23     | 43     | 1.047     | -0.003    | 1.742 | 0.026     | 0.023     | 0         | 57.6 | 58   | 63.2 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 3    | 33     | 43     | 1.01      | 0         | 1.742 | 0.03      | 0.026     | 0         | 57.2 | 58   | 63.6 | 159        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 3    | 43     | 43     | 0.978     | 0.043     | 1.739 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 59.3 | 159        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 3    | 53     | 43     | 0.978     | -0.013    | 1.739 | 0.023     | 0.02      | 0         | 57.6 | 57.6 | 59.3 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 4    | 3      | 43     | 0.997     | -0.062    | 1.739 | 0.023     | 0.02      | 0         | 56.8 | 57.6 | 61.9 | 159        | 160        | 0          | 27     | 26     |
| 2009 | 6     | 20  | 4    | 13     | 43     | 1.063     | 0         | 1.736 | 0.023     | 0.02      | 0         | 56.8 | 57.2 | 47.7 | 159        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 20  | 4    | 23     | 43     | 1.024     | -0.003    | 1.732 | 0.023     | 0.023     | 0         | 57.6 | 58   | 43.9 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 4    | 33     | 43     | 1.024     | 0.013     | 1.729 | 0.023     | 0.023     | 0         | 57.6 | 58   | 43.4 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 4    | 43     | 43     | 1.033     | -0.026    | 1.732 | 0.023     | 0.02      | 0         | 56.8 | 58   | 44.3 | 159        | 161        | 0          | 27     | 26     |
| 2009 | 6     | 20  | 4    | 53     | 43     | 0.965     | -0.016    | 1.736 | 0.023     | 0.023     | 0         | 58   | 57.6 | 61.1 | 161        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 5    | 3      | 43     | 0.988     | -0.033    | 1.736 | 0.023     | 0.02      | 0         | 57.2 | 58   | 62.4 | 160        | 161        | 0          | 27     | 26     |
| 2009 | 6     | 20  | 5    | 13     | 43     | 0.942     | -0.013    | 1.736 | 0.023     | 0.023     | 0         | 57.6 | 58   | 62.8 | 160        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 5    | 23     | 43     | 0.968     | -0.046    | 1.736 | 0.026     | 0.023     | 0         | 57.6 | 58.5 | 63.2 | 160        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 5    | 33     | 43     | 1.014     | 0.016     | 1.736 | 0.023     | 0.02      | 0         | 57.6 | 58   | 61.9 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 5    | 43     | 43     | 1.014     | 0         | 1.736 | 0.023     | 0.02      | 0         | 57.6 | 57.6 | 61.1 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 5    | 53     | 43     | 0.951     | 0.046     | 1.736 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 61.5 | 159        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 6    | 3      | 43     | 1.03      | 0.03      | 1.736 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 60.6 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 6    | 13     | 43     | 0.997     | 0.013     | 1.732 | 0.023     | 0.02      | 0         | 57.2 | 58   | 60.2 | 159        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 6    | 23     | 43     | 0.958     | -0.003    | 1.732 | 0.03      | 0.026     | 0         | 57.6 | 58   | 61.5 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 6    | 33     | 43     | 0.994     | -0.03     | 1.732 | 0.023     | 0.023     | 0         | 57.2 | 58   | 61.5 | 160        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 20  | 6    | 43     | 43     | 0.981     | -0.016    | 1.732 | 0.023     | 0.023     | 0         | 57.6 | 58   | 61.1 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 6    | 53     | 43     | 0.994     | -0.03     | 1.729 | 0.03      | 0.026     | 0         | 57.2 | 57.2 | 61.5 | 159        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 7    | 3      | 43     | 0.968     | -0.049    | 1.726 | 0.026     | 0.023     | 0         | 57.2 | 57.2 | 60.2 | 159        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 7    | 13     | 43     | 1.024     | 0         | 1.729 | 0.03      | 0.026     | 0         | 56.8 | 57.6 | 60.2 | 159        | 160        | 0          | 27     | 26     |
| 2009 | 6     | 20  | 7    | 23     | 43     | 1.053     | 0         | 1.726 | 0.023     | 0.02      | 0         | 57.2 | 57.2 | 61.5 | 159        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 7    | 33     | 43     | 0.968     | 0.003     | 1.722 | 0.03      | 0.026     | 0         | 57.2 | 57.6 | 61.9 | 159        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 7    | 43     | 43     | 1.027     | 0         | 1.722 | 0.023     | 0.02      | 0         | 57.2 | 57.2 | 52.9 | 159        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 7    | 53     | 43     | 1.04      | -0.02     | 1.722 | 0.023     | 0.02      | 0         | 57.2 | 58   | 41.3 | 159        | 161        | 0          | 26     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 20  | 8    | 3      | 43     | 1.014     | -0.01     | 1.722 | 0.023     | 0.023     | 0         | 57.2 | 57.6 | 43.4 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 20  | 8    | 13     | 43     | 0.928     | 0         | 1.719 | 0.02      | 0.016     | 0         | 57.6 | 58.5 | 56.3 | 160        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 8    | 23     | 43     | 1.027     | 0.023     | 1.719 | 0.023     | 0.023     | 0         | 56.8 | 57.6 | 60.6 | 159        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 20  | 8    | 33     | 43     | 0.974     | 0.01      | 1.719 | 0.03      | 0.026     | 0         | 57.2 | 58   | 61.9 | 160        | 161        | 0          | 27     | 26     |
| 2009 | 6     | 20  | 8    | 43     | 43     | 0.974     | -0.013    | 1.719 | 0.026     | 0.023     | 0         | 57.2 | 58   | 62.8 | 160        | 161        | 0          | 27     | 26     |
| 2009 | 6     | 20  | 8    | 53     | 43     | 1.053     | 0         | 1.716 | 0.02      | 0.016     | 0         | 57.2 | 58   | 63.2 | 159        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 9    | 3      | 43     | 1.01      | -0.03     | 1.716 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 62.4 | 159        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 9    | 13     | 43     | 1.073     | 0.026     | 1.716 | 0.023     | 0.02      | 0         | 57.6 | 58.5 | 61.1 | 161        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 20  | 9    | 23     | 43     | 1.024     | -0.023    | 1.716 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 57.6 | 159        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 9    | 33     | 43     | 0.994     | -0.023    | 1.716 | 0.026     | 0.026     | 0         | 57.6 | 58   | 61.1 | 160        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 9    | 43     | 43     | 0.994     | 0.016     | 1.716 | 0.026     | 0.023     | 0         | 57.6 | 58   | 63.2 | 160        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 9    | 53     | 43     | 0.981     | -0.039    | 1.716 | 0.023     | 0.02      | 0         | 57.6 | 58.5 | 61.9 | 160        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 10   | 3      | 43     | 0.955     | 0.02      | 1.716 | 0.03      | 0.026     | 0         | 57.2 | 58.5 | 58.9 | 159        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 10   | 13     | 43     | 0.971     | -0.01     | 1.716 | 0.026     | 0.023     | 0         | 58   | 58.9 | 60.6 | 161        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 10   | 23     | 43     | 1.053     | -0.013    | 1.716 | 0.023     | 0.02      | 0         | 57.2 | 58.5 | 50.3 | 159        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 10   | 33     | 43     | 0.994     | -0.052    | 1.716 | 0.03      | 0.026     | 0         | 57.6 | 58   | 61.5 | 159        | 162        | 0          | 25     | 27     |
| 2009 | 6     | 20  | 10   | 43     | 43     | 0.997     | 0.039     | 1.716 | 0.023     | 0.02      | 0         | 57.2 | 58.9 | 64.5 | 159        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 10   | 53     | 43     | 0.971     | 0.013     | 1.716 | 0.023     | 0.02      | 0         | 57.2 | 58.5 | 61.9 | 160        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 20  | 11   | 3      | 43     | 1.017     | -0.066    | 1.713 | 0.026     | 0.023     | 0         | 57.2 | 58   | 63.6 | 159        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 11   | 13     | 43     | 0.991     | -0.013    | 1.713 | 0.023     | 0.023     | 0         | 57.2 | 58.9 | 61.1 | 160        | 163        | 0          | 27     | 26     |
| 2009 | 6     | 20  | 11   | 23     | 43     | 0.981     | -0.007    | 1.713 | 0.023     | 0.02      | 0         | 57.2 | 58.9 | 64.1 | 160        | 163        | 0          | 27     | 26     |
| 2009 | 6     | 20  | 11   | 33     | 43     | 0.938     | 0.023     | 1.713 | 0.03      | 0.026     | 0         | 58   | 58.9 | 62.4 | 160        | 163        | 0          | 25     | 26     |
| 2009 | 6     | 20  | 11   | 43     | 43     | 0.984     | 0.013     | 1.713 | 0.02      | 0.016     | 0         | 57.6 | 58.9 | 63.2 | 160        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 11   | 53     | 43     | 0.958     | 0.01      | 1.713 | 0.023     | 0.02      | 0         | 57.6 | 58.9 | 61.5 | 160        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 12   | 3      | 43     | 0.899     | -0.046    | 1.713 | 0.023     | 0.02      | 0         | 57.6 | 59.3 | 62.4 | 160        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 12   | 13     | 43     | 0.955     | -0.016    | 1.713 | 0.03      | 0.026     | 0         | 57.6 | 58.9 | 61.5 | 160        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 12   | 23     | 43     | 0.935     | 0.01      | 1.709 | 0.02      | 0.016     | 0         | 57.6 | 58.5 | 61.1 | 160        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 12   | 33     | 43     | 0.965     | -0.033    | 1.709 | 0.023     | 0.02      | 0         | 57.6 | 58.5 | 59.8 | 160        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 12   | 43     | 43     | 0.896     | -0.046    | 1.709 | 0.02      | 0.016     | 0         | 57.2 | 58.9 | 62.8 | 160        | 163        | 0          | 27     | 26     |
| 2009 | 6     | 20  | 12   | 53     | 43     | 0.942     | -0.026    | 1.706 | 0.02      | 0.016     | 0         | 57.6 | 59.3 | 48.2 | 160        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 13   | 3      | 43     | 0.978     | 0.013     | 1.709 | 0.03      | 0.026     | 0         | 58   | 58.9 | 61.9 | 160        | 163        | 0          | 25     | 26     |
| 2009 | 6     | 20  | 13   | 13     | 43     | 0.932     | -0.052    | 1.709 | 0.03      | 0.026     | 0         | 57.2 | 58.9 | 62.4 | 159        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 13   | 23     | 43     | 0.971     | 0.013     | 1.709 | 0.023     | 0.02      | 0         | 57.2 | 58.9 | 60.2 | 159        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 13   | 33     | 43     | 1.007     | 0         | 1.706 | 0.023     | 0.02      | 0         | 57.2 | 58.9 | 56.3 | 159        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 13   | 43     | 43     | 0.978     | 0.059     | 1.706 | 0.026     | 0.023     | 0         | 57.2 | 58.9 | 58.5 | 159        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 13   | 53     | 43     | 0.968     | 0         | 1.703 | 0.026     | 0.023     | 0         | 58.5 | 59.8 | 51.6 | 161        | 165        | 0          | 25     | 26     |
| 2009 | 6     | 20  | 14   | 3      | 43     | 1.02      | 0.013     | 1.703 | 0.023     | 0.023     | 0         | 57.6 | 59.3 | 57.6 | 159        | 164        | 0          | 25     | 26     |
| 2009 | 6     | 20  | 14   | 13     | 43     | 0.938     | 0.033     | 1.703 | 0.023     | 0.02      | 0         | 57.2 | 58.5 | 59.3 | 159        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 14   | 23     | 43     | 1.01      | -0.013    | 1.699 | 0.023     | 0.02      | 0         | 57.6 | 58.9 | 60.6 | 159        | 163        | 0          | 25     | 26     |
| 2009 | 6     | 20  | 14   | 33     | 43     | 0.994     | -0.016    | 1.696 | 0.023     | 0.02      | 0         | 57.6 | 59.3 | 54.6 | 160        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 14   | 43     | 43     | 0.988     | 0.01      | 1.696 | 0.023     | 0.02      | 0         | 56.8 | 58.9 | 58.5 | 158        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 14   | 53     | 43     | 0.994     | 0.033     | 1.696 | 0.023     | 0.023     | 0         | 57.2 | 58.5 | 56.8 | 159        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 15   | 3      | 43     | 1.02      | 0.003     | 1.693 | 0.023     | 0.023     | 0         | 57.6 | 59.3 | 57.2 | 159        | 164        | 0          | 25     | 26     |
| 2009 | 6     | 20  | 15   | 13     | 43     | 0.984     | 0.03      | 1.693 | 0.023     | 0.023     | 0         | 57.2 | 59.3 | 60.2 | 159        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 15   | 23     | 43     | 0.951     | 0.016     | 1.693 | 0.03      | 0.026     | 0         | 57.2 | 59.3 | 59.3 | 158        | 163        | 0          | 25     | 25     |
| 2009 | 6     | 20  | 15   | 33     | 43     | 0.925     | 0.003     | 1.696 | 0.02      | 0.016     | 0         | 56.8 | 58.5 | 58.9 | 158        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 15   | 43     | 43     | 1.007     | 0         | 1.696 | 0.023     | 0.02      | 0         | 56.8 | 58.9 | 58.9 | 158        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 15   | 53     | 43     | 0.981     | -0.033    | 1.693 | 0.023     | 0.023     | 0         | 56.8 | 58.9 | 57.6 | 158        | 163        | 0          | 26     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 20  | 16   | 3      | 43     | 0.994     | -0.016    | 1.696 | 0.023     | 0.023     | 0         | 57.2 | 58.9 | 54.2 | 158        | 163        | 0          | 25     | 26     |
| 2009 | 6     | 20  | 16   | 13     | 43     | 0.984     | 0.026     | 1.693 | 0.02      | 0.016     | 0         | 57.2 | 59.3 | 53.8 | 159        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 16   | 23     | 43     | 1.027     | 0.007     | 1.693 | 0.023     | 0.023     | 0         | 56.8 | 58.9 | 55   | 158        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 16   | 33     | 43     | 0.955     | 0.062     | 1.693 | 0.023     | 0.02      | 0         | 56.8 | 59.3 | 54.6 | 158        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 16   | 43     | 43     | 0.968     | 0.01      | 1.693 | 0.026     | 0.023     | 0         | 57.2 | 59.3 | 54.2 | 159        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 16   | 53     | 43     | 0.925     | 0         | 1.696 | 0.023     | 0.02      | 0         | 57.2 | 59.3 | 53.8 | 159        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 17   | 3      | 43     | 0.978     | 0.01      | 1.696 | 0.026     | 0.023     | 0         | 57.2 | 59.8 | 58   | 159        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 17   | 13     | 43     | 0.984     | -0.033    | 1.699 | 0.023     | 0.02      | 0         | 57.2 | 59.8 | 56.3 | 159        | 164        | 0          | 26     | 25     |
| 2009 | 6     | 20  | 17   | 23     | 43     | 1.007     | 0.007     | 1.699 | 0.023     | 0.02      | 0         | 57.2 | 59.8 | 55.5 | 159        | 164        | 0          | 26     | 25     |
| 2009 | 6     | 20  | 17   | 33     | 43     | 0.994     | -0.036    | 1.703 | 0.02      | 0.016     | 0         | 56.8 | 58.9 | 60.6 | 158        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 17   | 43     | 43     | 1.027     | 0         | 1.703 | 0.023     | 0.023     | 0         | 57.2 | 58.9 | 58.9 | 159        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 17   | 53     | 43     | 0.978     | 0.026     | 1.703 | 0.02      | 0.016     | 0         | 58   | 59.3 | 61.1 | 161        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 18   | 3      | 43     | 0.988     | 0         | 1.703 | 0.023     | 0.02      | 0         | 59.8 | 58.9 | 61.1 | 165        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 18   | 13     | 43     | 1.007     | 0.026     | 1.706 | 0.026     | 0.023     | 0         | 59.3 | 59.3 | 61.9 | 164        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 18   | 23     | 43     | 1.043     | 0.052     | 1.706 | 0.026     | 0.023     | 0         | 59.3 | 59.3 | 58.9 | 164        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 18   | 33     | 43     | 1.066     | 0.013     | 1.706 | 0.023     | 0.02      | 0         | 59.3 | 58.9 | 61.5 | 164        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 18   | 43     | 43     | 0.955     | 0         | 1.709 | 0.026     | 0.026     | 0         | 59.3 | 58.9 | 58.5 | 164        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 18   | 53     | 43     | 1.037     | -0.036    | 1.709 | 0.02      | 0.016     | 0         | 58.5 | 58.5 | 54.6 | 163        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 20  | 19   | 3      | 43     | 1.017     | 0.023     | 1.709 | 0.026     | 0.023     | 0         | 58.9 | 58.9 | 62.4 | 164        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 20  | 19   | 13     | 43     | 0.984     | -0.049    | 1.709 | 0.023     | 0.023     | 0         | 59.8 | 58.9 | 60.2 | 165        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 19   | 23     | 43     | 0.997     | 0.013     | 1.709 | 0.023     | 0.02      | 0         | 59.3 | 58.9 | 61.1 | 164        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 19   | 33     | 43     | 0.994     | -0.016    | 1.709 | 0.02      | 0.016     | 0         | 59.3 | 59.3 | 62.8 | 164        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 19   | 43     | 43     | 0.978     | 0.043     | 1.709 | 0.023     | 0.02      | 0         | 59.3 | 58.9 | 61.9 | 164        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 19   | 53     | 43     | 1.047     | 0         | 1.709 | 0.023     | 0.023     | 0         | 58.9 | 58.9 | 59.8 | 164        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 20  | 20   | 3      | 43     | 0.965     | 0.003     | 1.709 | 0.023     | 0.02      | 0         | 59.3 | 59.3 | 61.1 | 164        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 20   | 13     | 43     | 1.01      | 0.026     | 1.709 | 0.026     | 0.023     | 0         | 59.8 | 59.8 | 58   | 165        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 20   | 23     | 43     | 0.971     | -0.033    | 1.713 | 0.03      | 0.026     | 0         | 59.8 | 59.3 | 59.3 | 165        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 20   | 33     | 43     | 1.05      | -0.039    | 1.713 | 0.023     | 0.023     | 0         | 59.3 | 59.3 | 58.5 | 165        | 164        | 0          | 27     | 26     |
| 2009 | 6     | 20  | 20   | 43     | 43     | 0.965     | -0.02     | 1.709 | 0.026     | 0.026     | 0         | 59.3 | 59.3 | 45.6 | 165        | 164        | 0          | 27     | 26     |
| 2009 | 6     | 20  | 20   | 53     | 43     | 1.007     | -0.016    | 1.713 | 0.02      | 0.016     | 0         | 59.8 | 59.3 | 54.6 | 165        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 21   | 3      | 43     | 1.043     | 0.023     | 1.713 | 0.023     | 0.023     | 0         | 59.3 | 59.3 | 56.8 | 164        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 21   | 13     | 43     | 0.984     | 0.03      | 1.713 | 0.023     | 0.02      | 0         | 59.3 | 58.9 | 53.8 | 164        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 21   | 23     | 43     | 1.033     | -0.02     | 1.713 | 0.023     | 0.02      | 0         | 59.8 | 59.8 | 54.6 | 165        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 21   | 33     | 43     | 1.033     | 0         | 1.713 | 0.023     | 0.023     | 0         | 59.3 | 59.3 | 57.2 | 164        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 21   | 43     | 43     | 0.935     | -0.013    | 1.713 | 0.023     | 0.02      | 0         | 59.3 | 59.3 | 55.5 | 164        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 21   | 53     | 43     | 1.017     | -0.013    | 1.716 | 0.02      | 0.016     | 0         | 59.3 | 59.3 | 52.9 | 164        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 22   | 3      | 43     | 1.04      | -0.013    | 1.716 | 0.026     | 0.023     | 0         | 58.9 | 58.5 | 52   | 163        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 22   | 13     | 43     | 1.004     | 0.007     | 1.716 | 0.023     | 0.023     | 0         | 58.9 | 58.9 | 51.2 | 163        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 22   | 23     | 43     | 0.988     | -0.013    | 1.716 | 0.023     | 0.02      | 0         | 59.3 | 58.9 | 46   | 164        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 22   | 33     | 43     | 0.968     | -0.003    | 1.719 | 0.023     | 0.023     | 0         | 59.8 | 58.5 | 43   | 164        | 164        | 0          | 25     | 28     |
| 2009 | 6     | 20  | 22   | 43     | 43     | 0.981     | 0.046     | 1.719 | 0.023     | 0.02      | 0         | 59.3 | 58.9 | 43   | 164        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 22   | 53     | 43     | 1.001     | 0.026     | 1.722 | 0.023     | 0.02      | 0         | 59.3 | 59.3 | 46.4 | 164        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 23   | 3      | 43     | 1.024     | -0.033    | 1.719 | 0.023     | 0.023     | 0         | 58.9 | 59.3 | 47.7 | 163        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 23   | 13     | 43     | 0.994     | 0.03      | 1.719 | 0.023     | 0.02      | 0         | 58.5 | 58.5 | 54.6 | 163        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 20  | 23   | 23     | 43     | 0.984     | 0         | 1.722 | 0.02      | 0.016     | 0         | 58.9 | 58.9 | 52.5 | 163        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 23   | 33     | 43     | 1.07      | 0         | 1.722 | 0.023     | 0.023     | 0         | 58.9 | 58.9 | 55.5 | 163        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 23   | 43     | 43     | 1.056     | -0.013    | 1.726 | 0.02      | 0.016     | 0         | 58.5 | 58   | 50.7 | 162        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 23   | 53     | 43     | 1.01      | 0.01      | 1.726 | 0.023     | 0.02      | 0         | 58.5 | 58.5 | 51.2 | 162        | 163        | 0          | 26     | 27     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 21  | 0    | 3      | 43     | 0.961     | 0.02      | 1.729 | 0.023     | 0.02      | 0         | 58.9 | 58.9 | 49.9 | 163        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 0    | 13     | 43     | 0.879     | 0         | 1.726 | 0.023     | 0.02      | 0         | 58.9 | 58.9 | 43   | 163        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 0    | 23     | 43     | 0.935     | -0.003    | 1.732 | 0.03      | 0.026     | 0         | 58   | 58   | 55.9 | 162        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 0    | 33     | 43     | 0.984     | -0.013    | 1.736 | 0.02      | 0.016     | 0         | 58   | 58.5 | 54.2 | 162        | 162        | 0          | 27     | 26     |
| 2009 | 6     | 21  | 0    | 43     | 43     | 0.991     | 0.003     | 1.736 | 0.03      | 0.026     | 0         | 58   | 58.5 | 55.9 | 162        | 162        | 0          | 27     | 26     |
| 2009 | 6     | 21  | 0    | 53     | 43     | 0.994     | -0.01     | 1.739 | 0.02      | 0.016     | 0         | 58.5 | 58.9 | 55.9 | 162        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 1    | 3      | 43     | 0.994     | 0.03      | 1.739 | 0.02      | 0.016     | 0         | 58.5 | 58   | 58   | 162        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 1    | 13     | 43     | 0.991     | 0.043     | 1.739 | 0.023     | 0.023     | 0         | 58   | 58   | 56.8 | 162        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 1    | 23     | 43     | 1.014     | 0.013     | 1.739 | 0.03      | 0.026     | 0         | 58   | 58   | 57.6 | 162        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 1    | 33     | 43     | 0.974     | 0         | 1.742 | 0.026     | 0.023     | 0         | 58.5 | 58   | 57.6 | 162        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 1    | 43     | 43     | 0.951     | -0.02     | 1.742 | 0.023     | 0.02      | 0         | 58   | 58   | 57.2 | 161        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 1    | 53     | 43     | 1.004     | -0.01     | 1.742 | 0.026     | 0.023     | 0         | 58.5 | 58   | 57.6 | 162        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 2    | 3      | 43     | 1.027     | -0.02     | 1.742 | 0.023     | 0.02      | 0         | 58.5 | 58   | 56.8 | 162        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 2    | 13     | 43     | 0.984     | 0.003     | 1.745 | 0.023     | 0.023     | 0         | 58   | 58   | 58   | 162        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 2    | 23     | 43     | 1.033     | -0.023    | 1.745 | 0.023     | 0.02      | 0         | 58.5 | 58.5 | 55.5 | 162        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 2    | 33     | 43     | 0.991     | -0.039    | 1.745 | 0.026     | 0.023     | 0         | 58   | 58.5 | 57.6 | 162        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 2    | 43     | 43     | 1.014     | -0.016    | 1.745 | 0.023     | 0.023     | 0         | 58.5 | 58.5 | 58.9 | 162        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 2    | 53     | 43     | 1.04      | -0.023    | 1.745 | 0.023     | 0.02      | 0         | 58   | 58   | 56.3 | 162        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 3    | 3      | 43     | 1.014     | 0.013     | 1.745 | 0.023     | 0.02      | 0         | 58   | 58.5 | 59.8 | 161        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 3    | 13     | 43     | 0.928     | 0.013     | 1.745 | 0.023     | 0.02      | 0         | 58   | 58   | 57.6 | 162        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 3    | 23     | 43     | 0.991     | 0.023     | 1.749 | 0.03      | 0.026     | 0         | 58   | 58   | 59.3 | 162        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 3    | 33     | 43     | 0.988     | -0.02     | 1.749 | 0.023     | 0.02      | 0         | 57.6 | 58   | 58.5 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 3    | 43     | 43     | 1.02      | -0.013    | 1.749 | 0.026     | 0.023     | 0         | 57.6 | 58   | 57.6 | 161        | 161        | 0          | 27     | 26     |
| 2009 | 6     | 21  | 3    | 53     | 43     | 1.03      | 0.043     | 1.749 | 0.023     | 0.023     | 0         | 57.6 | 58   | 55.9 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 4    | 3      | 43     | 0.984     | 0.033     | 1.749 | 0.023     | 0.023     | 0         | 57.6 | 58   | 57.6 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 4    | 13     | 43     | 0.938     | -0.039    | 1.749 | 0.023     | 0.023     | 0         | 57.6 | 57.6 | 57.2 | 161        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 4    | 23     | 43     | 0.988     | -0.02     | 1.755 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 43.4 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 4    | 33     | 43     | 0.997     | -0.016    | 1.752 | 0.023     | 0.02      | 0         | 58   | 58.5 | 40.4 | 162        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 4    | 43     | 43     | 0.978     | -0.013    | 1.759 | 0.03      | 0.026     | 0         | 58   | 58   | 41.3 | 162        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 4    | 53     | 43     | 0.974     | 0.01      | 1.752 | 0.023     | 0.023     | 0         | 58.5 | 58.5 | 39.6 | 163        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 5    | 3      | 43     | 1.001     | -0.033    | 1.752 | 0.023     | 0.02      | 0         | 58   | 58.5 | 53.8 | 162        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 5    | 13     | 43     | 1.024     | 0.03      | 1.755 | 0.023     | 0.02      | 0         | 58   | 58   | 51.6 | 162        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 5    | 23     | 43     | 1.004     | -0.016    | 1.752 | 0.023     | 0.02      | 0         | 58   | 58.5 | 48.6 | 162        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 5    | 33     | 43     | 0.955     | 0         | 1.755 | 0.02      | 0.016     | 0         | 58   | 58   | 53.3 | 162        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 5    | 43     | 43     | 0.994     | 0.01      | 1.759 | 0.023     | 0.02      | 0         | 58.5 | 58   | 54.2 | 162        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 5    | 53     | 43     | 1.04      | 0.026     | 1.762 | 0.02      | 0.016     | 0         | 58   | 58   | 57.6 | 161        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 6    | 3      | 43     | 1.02      | -0.02     | 1.765 | 0.02      | 0.016     | 0         | 57.6 | 58   | 58.9 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 6    | 13     | 43     | 0.961     | -0.02     | 1.768 | 0.023     | 0.02      | 0         | 57.6 | 57.6 | 58   | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 6    | 23     | 43     | 0.942     | -0.013    | 1.768 | 0.023     | 0.02      | 0         | 57.2 | 58   | 60.2 | 160        | 161        | 0          | 27     | 26     |
| 2009 | 6     | 21  | 6    | 33     | 43     | 0.991     | -0.007    | 1.772 | 0.023     | 0.023     | 0         | 57.2 | 57.6 | 61.9 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 6    | 43     | 43     | 0.928     | 0         | 1.772 | 0.02      | 0.016     | 0         | 57.6 | 58   | 62.4 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 6    | 53     | 43     | 1.024     | 0.072     | 1.772 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 62.8 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 7    | 3      | 43     | 1.024     | 0.01      | 1.772 | 0.023     | 0.02      | 0         | 58   | 57.6 | 61.9 | 161        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 7    | 13     | 43     | 0.922     | 0.023     | 1.775 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 62.4 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 7    | 23     | 43     | 1.007     | 0         | 1.775 | 0.02      | 0.016     | 0         | 58   | 58   | 61.5 | 161        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 7    | 33     | 43     | 0.997     | -0.023    | 1.775 | 0.026     | 0.026     | 0         | 57.6 | 58   | 61.5 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 7    | 43     | 43     | 1.037     | -0.046    | 1.775 | 0.02      | 0.016     | 0         | 57.6 | 58   | 59.8 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 7    | 53     | 43     | 1.05      | 0.026     | 1.775 | 0.023     | 0.02      | 0         | 57.6 | 58   | 63.2 | 161        | 162        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 21  | 8    | 3      | 43     | 0.978     | 0.059     | 1.775 | 0.02      | 0.016     | 0         | 57.6 | 58   | 61.5 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 8    | 13     | 43     | 0.994     | -0.013    | 1.775 | 0.023     | 0.02      | 0         | 57.6 | 58.5 | 56.3 | 161        | 162        | 0          | 27     | 26     |
| 2009 | 6     | 21  | 8    | 23     | 43     | 1.02      | -0.013    | 1.775 | 0.023     | 0.02      | 0         | 57.6 | 58.5 | 57.6 | 161        | 162        | 0          | 27     | 26     |
| 2009 | 6     | 21  | 8    | 33     | 43     | 1.001     | 0.01      | 1.778 | 0.023     | 0.02      | 0         | 57.6 | 57.6 | 60.6 | 161        | 162        | 0          | 27     | 28     |
| 2009 | 6     | 21  | 8    | 43     | 43     | 0.971     | 0         | 1.778 | 0.023     | 0.02      | 0         | 57.6 | 58.5 | 61.5 | 161        | 162        | 0          | 27     | 26     |
| 2009 | 6     | 21  | 8    | 53     | 43     | 1.007     | 0.043     | 1.778 | 0.023     | 0.023     | 0         | 58   | 58   | 60.2 | 161        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 9    | 3      | 43     | 1.001     | -0.013    | 1.778 | 0.023     | 0.02      | 0         | 58   | 58   | 62.4 | 161        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 9    | 13     | 43     | 0.955     | -0.046    | 1.778 | 0.023     | 0.02      | 0         | 58.5 | 58.5 | 62.4 | 162        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 9    | 23     | 43     | 1.03      | -0.007    | 1.778 | 0.02      | 0.016     | 0         | 58.5 | 58.9 | 62.8 | 162        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 9    | 33     | 43     | 1.053     | 0.013     | 1.778 | 0.02      | 0.016     | 0         | 58   | 58.5 | 61.9 | 162        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 9    | 43     | 43     | 0.997     | -0.062    | 1.781 | 0.02      | 0.016     | 0         | 58.5 | 58.5 | 63.2 | 162        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 9    | 53     | 43     | 1.001     | 0.01      | 1.781 | 0.02      | 0.016     | 0         | 58.9 | 58.5 | 62.8 | 163        | 164        | 0          | 26     | 28     |
| 2009 | 6     | 21  | 10   | 3      | 43     | 1.053     | -0.007    | 1.781 | 0.023     | 0.02      | 0         | 58   | 58.5 | 62.8 | 161        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 10   | 13     | 43     | 0.997     | 0         | 1.781 | 0.023     | 0.023     | 0         | 58.5 | 58.9 | 63.6 | 162        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 10   | 23     | 43     | 1.01      | -0.013    | 1.781 | 0.023     | 0.02      | 0         | 58   | 58.9 | 61.1 | 162        | 163        | 0          | 27     | 26     |
| 2009 | 6     | 21  | 10   | 33     | 43     | 1.017     | 0.013     | 1.781 | 0.023     | 0.02      | 0         | 58.5 | 58.9 | 62.4 | 162        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 10   | 43     | 43     | 1.004     | 0.013     | 1.781 | 0.023     | 0.02      | 0         | 58.5 | 58.5 | 61.5 | 162        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 10   | 53     | 43     | 0.994     | -0.013    | 1.781 | 0.02      | 0.016     | 0         | 57.6 | 58.5 | 60.2 | 161        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 11   | 3      | 43     | 1.01      | -0.013    | 1.781 | 0.026     | 0.023     | 0         | 58.5 | 58.9 | 61.9 | 162        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 11   | 13     | 43     | 1.06      | 0         | 1.781 | 0.023     | 0.02      | 0         | 57.6 | 58.9 | 61.9 | 161        | 163        | 0          | 27     | 26     |
| 2009 | 6     | 21  | 11   | 23     | 43     | 0.922     | 0         | 1.781 | 0.026     | 0.023     | 0         | 58.5 | 58.5 | 61.5 | 162        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 11   | 33     | 43     | 1.02      | 0.01      | 1.781 | 0.02      | 0.016     | 0         | 58.5 | 58.9 | 59.3 | 162        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 11   | 43     | 43     | 0.978     | 0.033     | 1.781 | 0.02      | 0.016     | 0         | 58   | 59.3 | 59.3 | 162        | 164        | 0          | 27     | 26     |
| 2009 | 6     | 21  | 11   | 53     | 43     | 0.978     | 0.003     | 1.781 | 0.02      | 0.016     | 0         | 59.3 | 59.8 | 58.5 | 164        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 12   | 3      | 43     | 0.932     | 0.007     | 1.781 | 0.023     | 0.02      | 0         | 58.9 | 59.8 | 58   | 163        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 12   | 13     | 43     | 0.971     | -0.02     | 1.781 | 0.02      | 0.016     | 0         | 59.3 | 59.8 | 57.2 | 164        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 12   | 23     | 43     | 0.965     | -0.016    | 1.781 | 0.023     | 0.023     | 0         | 58.9 | 59.8 | 58   | 163        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 12   | 33     | 43     | 0.988     | 0         | 1.781 | 0.023     | 0.02      | 0         | 58.9 | 60.2 | 55.5 | 163        | 166        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 12   | 43     | 43     | 0.978     | 0.062     | 1.781 | 0.023     | 0.023     | 0         | 58.9 | 60.2 | 57.6 | 163        | 166        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 12   | 53     | 43     | 0.984     | 0         | 1.781 | 0.02      | 0.016     | 0         | 59.3 | 60.2 | 58   | 164        | 166        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 13   | 3      | 43     | 1.014     | -0.016    | 1.781 | 0.023     | 0.02      | 0         | 59.3 | 60.2 | 56.8 | 164        | 166        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 13   | 13     | 43     | 0.997     | -0.062    | 1.781 | 0.023     | 0.023     | 0         | 58.9 | 59.3 | 59.8 | 163        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 13   | 23     | 43     | 0.974     | -0.013    | 1.781 | 0.02      | 0.016     | 0         | 58.9 | 59.8 | 58.5 | 163        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 13   | 33     | 43     | 0.968     | 0.013     | 1.781 | 0.023     | 0.02      | 0         | 58.9 | 59.8 | 58.9 | 163        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 13   | 43     | 43     | 1.027     | 0.059     | 1.781 | 0.023     | 0.02      | 0         | 58.5 | 59.8 | 58   | 162        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 13   | 53     | 43     | 0.984     | 0.075     | 1.781 | 0.023     | 0.023     | 0         | 58.5 | 59.8 | 57.2 | 162        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 14   | 3      | 43     | 0.988     | 0.013     | 1.781 | 0.023     | 0.023     | 0         | 58.9 | 59.8 | 57.6 | 163        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 14   | 13     | 43     | 0.984     | 0.036     | 1.781 | 0.023     | 0.02      | 0         | 58.9 | 59.8 | 56.3 | 163        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 14   | 23     | 43     | 0.968     | -0.003    | 1.781 | 0.02      | 0.016     | 0         | 58.5 | 59.8 | 55   | 163        | 165        | 0          | 27     | 26     |
| 2009 | 6     | 21  | 14   | 33     | 43     | 0.994     | -0.003    | 1.781 | 0.02      | 0.016     | 0         | 58.9 | 59.3 | 57.2 | 163        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 14   | 43     | 43     | 0.988     | -0.007    | 1.781 | 0.023     | 0.023     | 0         | 58.9 | 59.8 | 56.3 | 163        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 14   | 53     | 43     | 1.05      | 0.01      | 1.781 | 0.023     | 0.02      | 0         | 58.9 | 60.2 | 58   | 163        | 165        | 0          | 26     | 25     |
| 2009 | 6     | 21  | 15   | 3      | 43     | 1.007     | -0.013    | 1.781 | 0.026     | 0.026     | 0         | 58.9 | 59.8 | 55.5 | 163        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 15   | 13     | 43     | 1.01      | -0.003    | 1.781 | 0.023     | 0.02      | 0         | 58.9 | 60.2 | 58   | 163        | 166        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 15   | 23     | 43     | 1.027     | 0.003     | 1.781 | 0.026     | 0.023     | 0         | 58.9 | 59.8 | 55   | 163        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 15   | 33     | 43     | 1.007     | -0.013    | 1.781 | 0.023     | 0.02      | 0         | 58.9 | 60.2 | 54.2 | 163        | 166        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 15   | 43     | 43     | 1.027     | 0.03      | 1.785 | 0.023     | 0.02      | 0         | 58.9 | 59.8 | 59.8 | 163        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 15   | 53     | 43     | 0.984     | 0.069     | 1.781 | 0.03      | 0.026     | 0         | 58.9 | 59.8 | 58.5 | 163        | 165        | 0          | 26     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 21  | 16   | 3      | 43     | 0.991     | 0         | 1.781 | 0.023     | 0.02      | 0         | 58.9 | 59.8 | 58   | 163        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 16   | 13     | 43     | 1.037     | 0.043     | 1.785 | 0.026     | 0.023     | 0         | 58.5 | 59.8 | 58   | 162        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 16   | 23     | 43     | 1.017     | 0.01      | 1.785 | 0.023     | 0.02      | 0         | 58.5 | 59.8 | 58   | 162        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 16   | 33     | 43     | 1.03      | 0.043     | 1.785 | 0.023     | 0.023     | 0         | 58   | 59.3 | 59.8 | 161        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 16   | 43     | 43     | 1.001     | 0.03      | 1.785 | 0.023     | 0.02      | 0         | 58.5 | 59.8 | 58   | 162        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 16   | 53     | 43     | 1.033     | 0         | 1.785 | 0.023     | 0.02      | 0         | 58   | 59.8 | 57.6 | 162        | 165        | 0          | 27     | 26     |
| 2009 | 6     | 21  | 17   | 3      | 43     | 1.001     | 0.013     | 1.785 | 0.023     | 0.02      | 0         | 58.5 | 59.3 | 58.9 | 162        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 17   | 13     | 43     | 1.047     | 0.033     | 1.785 | 0.02      | 0.016     | 0         | 58   | 59.8 | 61.5 | 161        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 17   | 23     | 43     | 0.997     | -0.033    | 1.785 | 0.02      | 0.016     | 0         | 58.5 | 59.3 | 58   | 162        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 17   | 33     | 43     | 1.037     | 0.052     | 1.785 | 0.023     | 0.023     | 0         | 58.9 | 59.8 | 57.6 | 162        | 165        | 0          | 25     | 26     |
| 2009 | 6     | 21  | 17   | 43     | 43     | 0.997     | -0.01     | 1.788 | 0.023     | 0.02      | 0         | 58   | 59.3 | 61.9 | 161        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 17   | 53     | 43     | 1.007     | 0.026     | 1.788 | 0.02      | 0.016     | 0         | 58   | 58.9 | 59.8 | 161        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 18   | 3      | 43     | 1.037     | 0.013     | 1.788 | 0.023     | 0.023     | 0         | 58   | 59.8 | 62.4 | 161        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 18   | 13     | 43     | 1.03      | 0.026     | 1.788 | 0.02      | 0.016     | 0         | 58   | 59.3 | 62.8 | 161        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 18   | 23     | 43     | 0.997     | -0.01     | 1.788 | 0.023     | 0.02      | 0         | 58.5 | 59.8 | 61.5 | 162        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 18   | 33     | 43     | 0.981     | 0.02      | 1.788 | 0.023     | 0.023     | 0         | 57.6 | 59.3 | 59.8 | 161        | 164        | 0          | 27     | 26     |
| 2009 | 6     | 21  | 18   | 43     | 43     | 1.037     | 0.02      | 1.788 | 0.023     | 0.02      | 0         | 58.5 | 59.3 | 58.9 | 162        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 18   | 53     | 43     | 1.01      | 0.026     | 1.788 | 0.02      | 0.016     | 0         | 58.5 | 59.8 | 60.2 | 163        | 165        | 0          | 27     | 26     |
| 2009 | 6     | 21  | 19   | 3      | 43     | 1.05      | -0.007    | 1.788 | 0.023     | 0.02      | 0         | 58   | 59.3 | 60.2 | 162        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 19   | 13     | 43     | 0.945     | 0.007     | 1.788 | 0.02      | 0.016     | 0         | 58.5 | 59.8 | 59.3 | 162        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 19   | 23     | 43     | 0.978     | 0         | 1.788 | 0.02      | 0.016     | 0         | 58   | 59.3 | 61.5 | 162        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 19   | 33     | 43     | 0.869     | 0.016     | 1.788 | 0.02      | 0.016     | 0         | 58.5 | 59.3 | 61.1 | 162        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 19   | 43     | 43     | 0.978     | -0.007    | 1.788 | 0.02      | 0.016     | 0         | 58   | 59.3 | 62.4 | 162        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 19   | 53     | 43     | 1.02      | 0.033     | 1.788 | 0.026     | 0.026     | 0         | 58.5 | 59.8 | 62.4 | 162        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 20   | 3      | 43     | 1.04      | 0.036     | 1.788 | 0.02      | 0.016     | 0         | 58.5 | 59.8 | 62.4 | 162        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 20   | 13     | 43     | 1.004     | 0.056     | 1.788 | 0.023     | 0.02      | 0         | 59.8 | 59.3 | 61.9 | 166        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 20   | 23     | 43     | 0.994     | 0.013     | 1.788 | 0.026     | 0.023     | 0         | 59.8 | 59.3 | 61.5 | 165        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 20   | 33     | 43     | 1.024     | -0.003    | 1.791 | 0.023     | 0.02      | 0         | 59.8 | 59.3 | 61.9 | 166        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 20   | 43     | 43     | 1.014     | 0         | 1.791 | 0.023     | 0.023     | 0         | 59.8 | 59.8 | 61.1 | 165        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 20   | 53     | 43     | 0.988     | -0.033    | 1.791 | 0.02      | 0.016     | 0         | 59.8 | 59.3 | 61.5 | 166        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 21   | 3      | 43     | 1.066     | 0.089     | 1.791 | 0.02      | 0.016     | 0         | 59.3 | 58.9 | 61.9 | 165        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 21   | 13     | 43     | 0.994     | -0.013    | 1.791 | 0.023     | 0.02      | 0         | 60.2 | 59.3 | 61.5 | 166        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 21   | 23     | 43     | 0.994     | -0.013    | 1.791 | 0.026     | 0.023     | 0         | 59.8 | 59.3 | 60.2 | 165        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 21   | 33     | 43     | 1.014     | 0.013     | 1.791 | 0.03      | 0.026     | 0         | 58.9 | 58.9 | 59.8 | 164        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 21   | 43     | 43     | 0.978     | 0         | 1.795 | 0.026     | 0.026     | 0         | 59.8 | 58.9 | 57.6 | 165        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 21   | 53     | 43     | 1.053     | -0.01     | 1.795 | 0.023     | 0.023     | 0         | 59.3 | 59.3 | 57.6 | 165        | 164        | 0          | 27     | 26     |
| 2009 | 6     | 21  | 22   | 3      | 43     | 0.978     | 0.036     | 1.795 | 0.026     | 0.023     | 0         | 59.3 | 58.9 | 56.8 | 164        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 22   | 13     | 43     | 1.076     | 0.02      | 1.795 | 0.023     | 0.02      | 0         | 59.8 | 59.3 | 57.2 | 165        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 22   | 23     | 43     | 0.991     | -0.026    | 1.798 | 0.02      | 0.016     | 0         | 58.9 | 59.3 | 55.5 | 164        | 164        | 0          | 27     | 26     |
| 2009 | 6     | 21  | 22   | 33     | 43     | 0.984     | 0.059     | 1.798 | 0.023     | 0.02      | 0         | 59.3 | 59.3 | 58.9 | 164        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 22   | 43     | 43     | 0.974     | 0.043     | 1.801 | 0.023     | 0.023     | 0         | 59.3 | 58.9 | 57.2 | 164        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 22   | 53     | 43     | 1.027     | 0.02      | 1.801 | 0.023     | 0.023     | 0         | 58.9 | 58.9 | 59.8 | 164        | 163        | 0          | 27     | 26     |
| 2009 | 6     | 21  | 23   | 3      | 43     | 1.02      | 0.062     | 1.804 | 0.02      | 0.016     | 0         | 59.3 | 58.9 | 59.8 | 164        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 23   | 13     | 43     | 1.037     | 0.02      | 1.804 | 0.023     | 0.023     | 0         | 58.5 | 58.9 | 60.2 | 163        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 23   | 23     | 43     | 1.125     | 0.01      | 1.808 | 0.023     | 0.02      | 0         | 58.5 | 59.3 | 58.5 | 163        | 164        | 0          | 27     | 26     |
| 2009 | 6     | 21  | 23   | 33     | 43     | 0.991     | 0.033     | 1.811 | 0.023     | 0.02      | 0         | 58.9 | 58.5 | 61.1 | 163        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 23   | 43     | 43     | 0.994     | -0.033    | 1.811 | 0.02      | 0.016     | 0         | 58.9 | 59.3 | 60.2 | 163        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 23   | 53     | 43     | 0.978     | -0.01     | 1.811 | 0.023     | 0.023     | 0         | 58.9 | 58.5 | 58.9 | 163        | 163        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 22  | 0    | 3      | 43     | 1.01      | 0.01      | 1.811 | 0.023     | 0.023     | 0         | 58.9 | 58.9 | 59.8 | 163        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 0    | 13     | 43     | 1.001     | 0.03      | 1.811 | 0.02      | 0.016     | 0         | 58.5 | 58.9 | 59.3 | 163        | 163        | 0          | 27     | 26     |
| 2009 | 6     | 22  | 0    | 23     | 43     | 0.991     | 0         | 1.814 | 0.023     | 0.023     | 0         | 58.5 | 58   | 58.5 | 162        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 0    | 33     | 43     | 1.02      | 0.003     | 1.811 | 0.02      | 0.016     | 0         | 58.5 | 58   | 55.9 | 162        | 163        | 0          | 26     | 28     |
| 2009 | 6     | 22  | 0    | 43     | 43     | 0.994     | -0.01     | 1.814 | 0.023     | 0.02      | 0         | 58.5 | 58.5 | 56.8 | 163        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 0    | 53     | 43     | 0.988     | -0.01     | 1.814 | 0.02      | 0.016     | 0         | 58   | 58.5 | 56.3 | 162        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 1    | 3      | 43     | 1.05      | -0.007    | 1.811 | 0.023     | 0.02      | 0         | 58   | 58.5 | 55   | 162        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 1    | 13     | 43     | 0.991     | 0.007     | 1.811 | 0.02      | 0.016     | 0         | 58.5 | 58.5 | 45.2 | 162        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 1    | 23     | 43     | 0.997     | 0.033     | 1.811 | 0.023     | 0.02      | 0         | 58.5 | 58.5 | 49.5 | 163        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 1    | 33     | 43     | 0.991     | 0.023     | 1.814 | 0.02      | 0.016     | 0         | 58.5 | 58.5 | 49.9 | 162        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 1    | 43     | 43     | 0.978     | 0.03      | 1.814 | 0.023     | 0.02      | 0         | 58.9 | 58.9 | 49.9 | 163        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 1    | 53     | 43     | 0.978     | 0.026     | 1.811 | 0.02      | 0.016     | 0         | 58.9 | 59.3 | 45.2 | 163        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 2    | 3      | 43     | 1.001     | 0.013     | 1.811 | 0.026     | 0.023     | 0         | 58.5 | 58.9 | 41.7 | 163        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 2    | 13     | 43     | 0.984     | -0.02     | 1.811 | 0.02      | 0.016     | 0         | 59.3 | 58.9 | 44.3 | 164        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 2    | 23     | 43     | 0.971     | -0.007    | 1.814 | 0.02      | 0.016     | 0         | 59.3 | 58.9 | 40.4 | 165        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 2    | 33     | 43     | 0.958     | 0.007     | 1.811 | 0.023     | 0.02      | 0         | 59.3 | 58.9 | 40.4 | 164        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 2    | 43     | 43     | 0.955     | 0.023     | 1.814 | 0.023     | 0.023     | 0         | 58.9 | 59.3 | 50.3 | 164        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 2    | 53     | 43     | 1.001     | 0.02      | 1.811 | 0.023     | 0.02      | 0         | 58.9 | 58.9 | 44.3 | 164        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 3    | 3      | 43     | 0.968     | 0.03      | 1.811 | 0.023     | 0.023     | 0         | 59.3 | 58.9 | 46.9 | 164        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 3    | 13     | 43     | 1.007     | 0.013     | 1.814 | 0.02      | 0.016     | 0         | 58.9 | 58.9 | 48.6 | 164        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 3    | 23     | 43     | 1.001     | 0.016     | 1.814 | 0.023     | 0.023     | 0         | 58.9 | 58.9 | 43.9 | 163        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 3    | 33     | 43     | 1.001     | 0.007     | 1.811 | 0.02      | 0.016     | 0         | 58.9 | 58.5 | 46   | 164        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 3    | 43     | 43     | 0.978     | -0.036    | 1.814 | 0.023     | 0.023     | 0         | 58.5 | 58.5 | 46   | 163        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 3    | 53     | 43     | 0.988     | 0.02      | 1.814 | 0.02      | 0.016     | 0         | 58.9 | 58.5 | 44.3 | 164        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 4    | 3      | 43     | 0.994     | 0.039     | 1.814 | 0.023     | 0.023     | 0         | 58.9 | 58.9 | 43.9 | 163        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 4    | 13     | 43     | 1.007     | -0.007    | 1.814 | 0.026     | 0.023     | 0         | 58.5 | 58.5 | 46   | 163        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 4    | 23     | 43     | 0.978     | -0.007    | 1.814 | 0.026     | 0.023     | 0         | 58.9 | 58.5 | 46   | 164        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 4    | 33     | 43     | 1.05      | 0.075     | 1.814 | 0.02      | 0.016     | 0         | 58   | 58.5 | 45.2 | 163        | 163        | 0          | 28     | 27     |
| 2009 | 6     | 22  | 4    | 43     | 43     | 0.994     | -0.007    | 1.814 | 0.023     | 0.02      | 0         | 58.5 | 58.5 | 45.2 | 163        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 4    | 53     | 43     | 0.974     | -0.023    | 1.814 | 0.02      | 0.016     | 0         | 58.9 | 58.5 | 48.2 | 164        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 5    | 3      | 43     | 1.033     | 0         | 1.814 | 0.023     | 0.02      | 0         | 58.5 | 58.5 | 47.3 | 163        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 5    | 13     | 43     | 0.922     | -0.003    | 1.818 | 0.023     | 0.023     | 0         | 59.3 | 58.5 | 43.9 | 164        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 5    | 23     | 43     | 0.955     | 0.013     | 1.814 | 0.02      | 0.016     | 0         | 58.5 | 58.5 | 44.7 | 163        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 5    | 33     | 43     | 1.02      | 0.036     | 1.814 | 0.023     | 0.023     | 0         | 58.5 | 58.9 | 46.9 | 163        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 5    | 43     | 43     | 0.978     | -0.007    | 1.818 | 0.023     | 0.02      | 0         | 58.5 | 58.9 | 46   | 163        | 163        | 0          | 27     | 26     |
| 2009 | 6     | 22  | 5    | 53     | 43     | 0.988     | 0         | 1.814 | 0.023     | 0.02      | 0         | 58.9 | 58   | 46.4 | 163        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 6    | 3      | 43     | 1.056     | 0.003     | 1.818 | 0.02      | 0.016     | 0         | 58   | 58.5 | 43.4 | 162        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 6    | 13     | 43     | 0.968     | 0.043     | 1.818 | 0.023     | 0.023     | 0         | 58.5 | 58.5 | 43.9 | 163        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 6    | 23     | 43     | 1.079     | 0.016     | 1.811 | 0.02      | 0.016     | 0         | 58.5 | 58   | 43.9 | 162        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 6    | 33     | 43     | 0.942     | -0.013    | 1.818 | 0.02      | 0.016     | 0         | 58.5 | 58.5 | 45.2 | 163        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 6    | 43     | 43     | 0.984     | -0.013    | 1.814 | 0.02      | 0.016     | 0         | 58   | 58.5 | 43.9 | 162        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 6    | 53     | 43     | 0.988     | 0         | 1.818 | 0.023     | 0.023     | 0         | 58   | 58   | 45.2 | 162        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 7    | 3      | 43     | 0.951     | -0.016    | 1.814 | 0.023     | 0.023     | 0         | 58   | 58.5 | 43.4 | 162        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 7    | 13     | 43     | 1.004     | 0.039     | 1.814 | 0.023     | 0.02      | 0         | 58   | 58   | 43.9 | 162        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 7    | 23     | 43     | 0.991     | 0.039     | 1.818 | 0.02      | 0.016     | 0         | 58   | 58   | 44.7 | 162        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 7    | 33     | 43     | 0.948     | -0.046    | 1.814 | 0.023     | 0.02      | 0         | 58   | 58   | 47.7 | 162        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 7    | 43     | 43     | 0.981     | 0.03      | 1.818 | 0.023     | 0.02      | 0         | 58   | 58   | 45.6 | 162        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 7    | 53     | 43     | 1.001     | 0.023     | 1.814 | 0.023     | 0.023     | 0         | 58   | 57.6 | 41.3 | 162        | 162        | 0          | 27     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 22  | 8    | 3      | 43     | 0.991     | 0.02      | 1.814 | 0.023     | 0.02      | 0         | 58   | 58.5 | 42.6 | 162        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 8    | 13     | 43     | 1.04      | 0.013     | 1.818 | 0.023     | 0.02      | 0         | 58   | 58   | 41.7 | 162        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 8    | 23     | 43     | 0.971     | 0.052     | 1.814 | 0.02      | 0.016     | 0         | 58   | 58.5 | 45.2 | 162        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 8    | 33     | 43     | 0.961     | 0.043     | 1.818 | 0.023     | 0.02      | 0         | 57.6 | 58   | 45.2 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 8    | 43     | 43     | 1.007     | 0.013     | 1.814 | 0.023     | 0.02      | 0         | 57.6 | 58   | 43.4 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 8    | 53     | 43     | 0.974     | -0.007    | 1.811 | 0.023     | 0.023     | 0         | 58   | 57.6 | 43.9 | 161        | 162        | 0          | 26     | 28     |
| 2009 | 6     | 22  | 9    | 3      | 43     | 1.01      | 0.036     | 1.811 | 0.02      | 0.016     | 0         | 57.6 | 58   | 45.2 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 9    | 13     | 43     | 0.997     | 0.043     | 1.811 | 0.023     | 0.02      | 0         | 57.6 | 58   | 46   | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 9    | 23     | 43     | 1.079     | 0.013     | 1.814 | 0.02      | 0.016     | 0         | 57.2 | 58   | 47.7 | 161        | 162        | 0          | 28     | 27     |
| 2009 | 6     | 22  | 9    | 33     | 43     | 0.945     | -0.003    | 1.811 | 0.02      | 0.016     | 0         | 57.6 | 58   | 41.3 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 9    | 43     | 43     | 1.047     | -0.013    | 1.811 | 0.02      | 0.016     | 0         | 57.6 | 58   | 43.9 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 9    | 53     | 43     | 1.017     | 0.033     | 1.808 | 0.02      | 0.016     | 0         | 57.6 | 58   | 47.3 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 10   | 3      | 43     | 0.997     | 0.013     | 1.811 | 0.026     | 0.026     | 0         | 57.6 | 58   | 46.9 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 10   | 13     | 43     | 1.01      | 0.052     | 1.811 | 0.023     | 0.02      | 0         | 57.6 | 58   | 50.7 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 10   | 23     | 43     | 1.02      | -0.01     | 1.811 | 0.023     | 0.023     | 0         | 57.6 | 58   | 51.2 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 10   | 33     | 43     | 0.981     | -0.023    | 1.814 | 0.02      | 0.016     | 0         | 58   | 57.6 | 52.9 | 161        | 162        | 0          | 26     | 28     |
| 2009 | 6     | 22  | 10   | 43     | 43     | 0.988     | -0.033    | 1.814 | 0.02      | 0.016     | 0         | 57.6 | 58.5 | 56.3 | 161        | 162        | 0          | 27     | 26     |
| 2009 | 6     | 22  | 10   | 53     | 43     | 0.988     | 0.007     | 1.821 | 0.023     | 0.023     | 0         | 58   | 58   | 58   | 161        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 11   | 3      | 43     | 0.968     | 0.043     | 1.821 | 0.026     | 0.023     | 0         | 57.6 | 58   | 56.8 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 11   | 13     | 43     | 1.053     | 0.043     | 1.821 | 0.023     | 0.023     | 0         | 57.6 | 58   | 58   | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 11   | 23     | 43     | 0.932     | -0.046    | 1.824 | 0.02      | 0.016     | 0         | 57.6 | 58.5 | 60.6 | 161        | 162        | 0          | 27     | 26     |
| 2009 | 6     | 22  | 11   | 33     | 43     | 0.968     | 0.03      | 1.824 | 0.02      | 0.016     | 0         | 58   | 58.9 | 60.2 | 161        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 11   | 43     | 43     | 0.978     | 0.007     | 1.824 | 0.026     | 0.023     | 0         | 58   | 58.5 | 64.1 | 161        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 11   | 53     | 43     | 0.951     | -0.007    | 1.824 | 0.023     | 0.023     | 0         | 58   | 58.5 | 64.1 | 161        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 12   | 3      | 43     | 0.988     | 0.02      | 1.824 | 0.02      | 0.016     | 0         | 58.5 | 58.9 | 63.2 | 162        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 12   | 13     | 43     | 0.997     | 0.046     | 1.821 | 0.026     | 0.026     | 0         | 58   | 58.5 | 63.2 | 161        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 12   | 23     | 43     | 1.037     | -0.016    | 1.821 | 0.023     | 0.02      | 0         | 58.5 | 58.9 | 62.8 | 162        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 12   | 33     | 43     | 0.965     | 0.013     | 1.821 | 0.026     | 0.026     | 0         | 58.5 | 58.5 | 62.4 | 162        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 12   | 43     | 43     | 0.991     | 0.016     | 1.821 | 0.02      | 0.016     | 0         | 58.5 | 58.5 | 58   | 162        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 12   | 53     | 43     | 1.02      | -0.003    | 1.818 | 0.023     | 0.02      | 0         | 58.5 | 58.9 | 61.1 | 162        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 13   | 3      | 43     | 0.892     | 0.023     | 1.818 | 0.023     | 0.02      | 0         | 58.5 | 58.9 | 60.6 | 162        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 13   | 13     | 43     | 0.965     | -0.003    | 1.818 | 0.023     | 0.02      | 0         | 58.9 | 58.9 | 57.2 | 163        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 13   | 23     | 43     | 0.978     | 0.02      | 1.814 | 0.026     | 0.026     | 0         | 58.5 | 59.3 | 58.5 | 162        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 13   | 33     | 43     | 1.004     | 0.003     | 1.814 | 0.023     | 0.023     | 0         | 58.5 | 58.5 | 59.8 | 162        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 13   | 43     | 43     | 1.066     | 0         | 1.814 | 0.023     | 0.02      | 0         | 58.5 | 58.9 | 60.2 | 162        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 13   | 53     | 43     | 0.958     | 0         | 1.811 | 0.02      | 0.016     | 0         | 58.5 | 59.3 | 54.2 | 162        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 14   | 3      | 43     | 0.968     | 0.043     | 1.811 | 0.02      | 0.016     | 0         | 58.5 | 59.3 | 59.8 | 162        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 14   | 13     | 43     | 1.007     | 0.043     | 1.808 | 0.023     | 0.02      | 0         | 58   | 58.9 | 54.2 | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 14   | 23     | 43     | 0.984     | 0.033     | 1.808 | 0.02      | 0.016     | 0         | 58.5 | 59.3 | 54.6 | 162        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 14   | 33     | 43     | 0.935     | 0         | 1.808 | 0.02      | 0.016     | 0         | 58.5 | 59.3 | 58.5 | 162        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 14   | 43     | 43     | 0.981     | 0.007     | 1.808 | 0.023     | 0.02      | 0         | 58.5 | 59.3 | 59.3 | 162        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 14   | 53     | 43     | 1.004     | 0.02      | 1.804 | 0.02      | 0.016     | 0         | 58.5 | 59.3 | 58.5 | 162        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 15   | 3      | 43     | 0.994     | 0.003     | 1.804 | 0.02      | 0.016     | 0         | 58.5 | 59.3 | 55.5 | 162        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 15   | 13     | 43     | 0.958     | 0.033     | 1.804 | 0.02      | 0.016     | 0         | 58.5 | 59.3 | 55.9 | 162        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 15   | 23     | 43     | 0.984     | -0.003    | 1.804 | 0.023     | 0.023     | 0         | 57.6 | 59.3 | 56.8 | 161        | 164        | 0          | 27     | 26     |
| 2009 | 6     | 22  | 15   | 33     | 43     | 0.948     | -0.039    | 1.804 | 0.02      | 0.016     | 0         | 58.5 | 58.9 | 56.3 | 162        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 15   | 43     | 43     | 1.004     | -0.003    | 1.804 | 0.023     | 0.02      | 0         | 57.6 | 58.9 | 59.3 | 161        | 163        | 0          | 27     | 26     |
| 2009 | 6     | 22  | 15   | 53     | 43     | 0.932     | 0.049     | 1.804 | 0.023     | 0.023     | 0         | 58   | 58.5 | 55.9 | 161        | 163        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 22  | 16   | 3      | 43     | 1.017     | 0.007     | 1.804 | 0.02      | 0.016     | 0         | 58   | 58.5 | 56.3 | 161        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 16   | 13     | 43     | 1.056     | 0.016     | 1.808 | 0.023     | 0.02      | 0         | 58   | 58.9 | 57.6 | 161        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 16   | 23     | 43     | 1.001     | 0.03      | 1.804 | 0.023     | 0.02      | 0         | 58   | 58.9 | 59.8 | 161        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 16   | 33     | 43     | 0.988     | 0.026     | 1.801 | 0.023     | 0.023     | 0         | 58   | 58.9 | 57.2 | 161        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 16   | 43     | 43     | 0.968     | 0.039     | 1.804 | 0.023     | 0.02      | 0         | 58   | 58.9 | 57.2 | 161        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 16   | 53     | 43     | 0.965     | 0.016     | 1.804 | 0.02      | 0.016     | 0         | 58   | 58.5 | 55   | 161        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 17   | 3      | 43     | 0.942     | 0.039     | 1.804 | 0.02      | 0.016     | 0         | 57.6 | 58.5 | 58.5 | 160        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 17   | 13     | 43     | 0.981     | 0         | 1.804 | 0.023     | 0.02      | 0         | 57.6 | 58.5 | 58.5 | 160        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 17   | 23     | 43     | 1.03      | 0.043     | 1.804 | 0.02      | 0.016     | 0         | 57.2 | 58.5 | 58.5 | 160        | 162        | 0          | 27     | 26     |
| 2009 | 6     | 22  | 17   | 33     | 43     | 1.066     | -0.056    | 1.808 | 0.02      | 0.016     | 0         | 57.6 | 58.5 | 58.5 | 160        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 17   | 43     | 43     | 0.981     | 0.013     | 1.808 | 0.02      | 0.016     | 0         | 57.6 | 58.5 | 59.8 | 160        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 17   | 53     | 43     | 0.994     | 0         | 1.808 | 0.023     | 0.023     | 0         | 57.6 | 58.5 | 58.5 | 160        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 18   | 3      | 43     | 1.063     | -0.03     | 1.808 | 0.023     | 0.02      | 0         | 58.5 | 58.9 | 56.8 | 161        | 163        | 0          | 25     | 26     |
| 2009 | 6     | 22  | 18   | 13     | 43     | 0.984     | -0.039    | 1.811 | 0.02      | 0.016     | 0         | 58   | 58.9 | 59.3 | 161        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 18   | 23     | 43     | 0.997     | 0.036     | 1.811 | 0.02      | 0.016     | 0         | 58   | 58.9 | 57.6 | 161        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 18   | 33     | 43     | 1.024     | 0.013     | 1.814 | 0.023     | 0.02      | 0         | 57.2 | 58.9 | 60.2 | 160        | 163        | 0          | 27     | 26     |
| 2009 | 6     | 22  | 18   | 43     | 43     | 1.017     | 0.059     | 1.814 | 0.023     | 0.02      | 0         | 57.6 | 58.9 | 57.2 | 161        | 163        | 0          | 27     | 26     |
| 2009 | 6     | 22  | 18   | 53     | 43     | 1.033     | 0.03      | 1.814 | 0.026     | 0.026     | 0         | 58.5 | 58.9 | 58.5 | 161        | 163        | 0          | 25     | 26     |
| 2009 | 6     | 22  | 19   | 3      | 43     | 0.988     | -0.013    | 1.814 | 0.023     | 0.02      | 0         | 58   | 58.9 | 59.8 | 161        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 19   | 13     | 43     | 1.02      | 0         | 1.814 | 0.023     | 0.023     | 0         | 58   | 58.5 | 58.9 | 161        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 19   | 23     | 43     | 1.001     | 0.033     | 1.814 | 0.023     | 0.02      | 0         | 58   | 58.5 | 59.3 | 161        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 19   | 33     | 43     | 0.974     | -0.01     | 1.818 | 0.023     | 0.023     | 0         | 58   | 58.5 | 59.3 | 161        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 19   | 43     | 43     | 1.047     | -0.01     | 1.818 | 0.023     | 0.023     | 0         | 58   | 58.5 | 61.5 | 161        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 19   | 53     | 43     | 0.991     | 0.013     | 1.818 | 0.02      | 0.016     | 0         | 58.5 | 58.9 | 61.9 | 162        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 20   | 3      | 43     | 0.981     | -0.049    | 1.818 | 0.02      | 0.016     | 0         | 58   | 58.5 | 62.4 | 161        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 20   | 13     | 43     | 0.997     | 0.003     | 1.818 | 0.02      | 0.016     | 0         | 58   | 58.9 | 62.4 | 161        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 20   | 23     | 43     | 0.971     | -0.007    | 1.818 | 0.026     | 0.026     | 0         | 58   | 58.9 | 63.2 | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 20   | 33     | 43     | 0.994     | -0.033    | 1.818 | 0.023     | 0.02      | 0         | 58   | 58.5 | 63.2 | 161        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 20   | 43     | 43     | 0.984     | 0.013     | 1.821 | 0.026     | 0.023     | 0         | 58.5 | 59.3 | 63.2 | 162        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 20   | 53     | 43     | 1.06      | 0.03      | 1.821 | 0.026     | 0.026     | 0         | 57.6 | 58.5 | 63.6 | 160        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 21   | 3      | 43     | 1.001     | -0.003    | 1.821 | 0.023     | 0.02      | 0         | 58   | 58.5 | 63.6 | 161        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 21   | 13     | 43     | 1.017     | -0.03     | 1.821 | 0.023     | 0.023     | 0         | 58.5 | 58.9 | 64.5 | 162        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 21   | 23     | 43     | 0.961     | -0.007    | 1.821 | 0.023     | 0.02      | 0         | 57.6 | 58.5 | 62.4 | 161        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 21   | 33     | 43     | 1.01      | 0.003     | 1.821 | 0.026     | 0.023     | 0         | 58   | 59.3 | 62.8 | 162        | 164        | 0          | 27     | 26     |
| 2009 | 6     | 22  | 21   | 43     | 43     | 1.024     | -0.033    | 1.821 | 0.023     | 0.02      | 0         | 57.6 | 58.5 | 63.2 | 161        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 21   | 53     | 43     | 1.004     | 0         | 1.821 | 0.023     | 0.02      | 0         | 58   | 58.9 | 64.5 | 161        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 22   | 3      | 43     | 1.033     | 0.01      | 1.821 | 0.023     | 0.023     | 0         | 58   | 58.5 | 63.6 | 161        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 22   | 13     | 43     | 0.974     | 0.01      | 1.821 | 0.023     | 0.023     | 0         | 58   | 58.9 | 64.1 | 161        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 22   | 23     | 43     | 1.02      | -0.03     | 1.821 | 0.02      | 0.016     | 0         | 56.8 | 58   | 64.5 | 159        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 22   | 33     | 43     | 0.965     | -0.03     | 1.821 | 0.023     | 0.02      | 0         | 58   | 58.5 | 64.5 | 161        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 22   | 43     | 43     | 0.932     | 0.016     | 1.821 | 0.02      | 0.016     | 0         | 57.2 | 58   | 64.5 | 160        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 22   | 53     | 43     | 0.958     | -0.003    | 1.821 | 0.023     | 0.02      | 0         | 57.2 | 58.5 | 63.6 | 160        | 162        | 0          | 27     | 26     |
| 2009 | 6     | 22  | 23   | 3      | 43     | 1.033     | 0.016     | 1.821 | 0.023     | 0.02      | 0         | 57.2 | 58   | 64.5 | 160        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 23   | 13     | 43     | 1.05      | -0.039    | 1.821 | 0.023     | 0.02      | 0         | 56.8 | 58   | 64.5 | 159        | 161        | 0          | 27     | 26     |
| 2009 | 6     | 22  | 23   | 23     | 43     | 1.001     | 0.013     | 1.821 | 0.023     | 0.02      | 0         | 56.8 | 57.6 | 64.5 | 159        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 23   | 33     | 43     | 0.991     | 0.03      | 1.821 | 0.02      | 0.016     | 0         | 56.8 | 58   | 64.9 | 159        | 161        | 0          | 27     | 26     |
| 2009 | 6     | 22  | 23   | 43     | 43     | 1.033     | -0.013    | 1.821 | 0.023     | 0.02      | 0         | 56.8 | 57.6 | 64.5 | 159        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 23   | 53     | 43     | 0.994     | 0.003     | 1.821 | 0.023     | 0.02      | 0         | 56.3 | 57.2 | 64.5 | 158        | 161        | 0          | 27     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 23  | 0    | 3      | 43     | 1.017     | -0.075    | 1.821 | 0.026     | 0.026     | 0         | 57.6 | 58   | 64.5 | 161        | 161        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 0    | 13     | 43     | 1.014     | 0         | 1.821 | 0.023     | 0.02      | 0         | 58   | 58   | 64.5 | 162        | 161        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 0    | 23     | 43     | 0.958     | -0.013    | 1.821 | 0.026     | 0.023     | 0         | 58   | 57.6 | 62.8 | 162        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 0    | 33     | 43     | 1.024     | -0.033    | 1.821 | 0.02      | 0.016     | 0         | 58   | 58   | 62.4 | 162        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 0    | 43     | 43     | 1.027     | -0.02     | 1.821 | 0.02      | 0.016     | 0         | 58   | 58   | 63.2 | 162        | 161        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 0    | 53     | 43     | 0.974     | 0.033     | 1.821 | 0.02      | 0.016     | 0         | 57.6 | 58.5 | 63.6 | 161        | 162        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 1    | 3      | 43     | 0.978     | -0.046    | 1.821 | 0.023     | 0.02      | 0         | 57.6 | 57.6 | 61.9 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 1    | 13     | 43     | 1.01      | -0.026    | 1.821 | 0.026     | 0.026     | 0         | 57.2 | 57.6 | 60.2 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 1    | 23     | 43     | 0.965     | 0.03      | 1.821 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 61.5 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 1    | 33     | 43     | 1.001     | 0         | 1.818 | 0.023     | 0.02      | 0         | 57.2 | 57.2 | 58   | 160        | 161        | 0          | 27     | 28     |
| 2009 | 6     | 23  | 1    | 43     | 43     | 0.965     | -0.066    | 1.818 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 57.2 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 1    | 53     | 43     | 0.965     | -0.016    | 1.818 | 0.023     | 0.02      | 0         | 57.2 | 57.2 | 56.8 | 160        | 161        | 0          | 27     | 28     |
| 2009 | 6     | 23  | 2    | 3      | 43     | 1.014     | -0.026    | 1.818 | 0.023     | 0.023     | 0         | 57.6 | 57.6 | 57.6 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 2    | 13     | 43     | 0.988     | -0.026    | 1.818 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 57.2 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 2    | 23     | 43     | 1.02      | -0.036    | 1.818 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 58.5 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 2    | 33     | 43     | 1.05      | 0         | 1.818 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 56.3 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 2    | 43     | 43     | 0.932     | -0.007    | 1.814 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 55   | 161        | 162        | 0          | 27     | 28     |
| 2009 | 6     | 23  | 2    | 53     | 43     | 0.988     | -0.01     | 1.818 | 0.026     | 0.023     | 0         | 57.6 | 58.5 | 56.8 | 161        | 162        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 3    | 3      | 43     | 1.037     | -0.01     | 1.814 | 0.023     | 0.02      | 0         | 57.6 | 58   | 55.9 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 3    | 13     | 43     | 0.961     | -0.03     | 1.814 | 0.023     | 0.023     | 0         | 57.2 | 58   | 56.8 | 160        | 161        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 3    | 23     | 43     | 0.978     | -0.013    | 1.814 | 0.023     | 0.023     | 0         | 57.6 | 58   | 57.6 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 3    | 33     | 43     | 1.01      | 0.007     | 1.814 | 0.02      | 0.016     | 0         | 57.6 | 58   | 54.6 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 3    | 43     | 43     | 1.053     | -0.033    | 1.814 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 56.3 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 3    | 53     | 43     | 0.965     | 0.013     | 1.814 | 0.023     | 0.023     | 0         | 57.6 | 57.6 | 57.2 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 4    | 3      | 43     | 1.007     | -0.01     | 1.814 | 0.02      | 0.016     | 0         | 57.2 | 58   | 57.2 | 160        | 161        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 4    | 13     | 43     | 1.007     | 0         | 1.814 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 57.2 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 4    | 23     | 43     | 0.997     | -0.036    | 1.814 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 57.6 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 4    | 33     | 43     | 1.004     | -0.003    | 1.811 | 0.023     | 0.02      | 0         | 57.6 | 58   | 56.3 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 4    | 43     | 43     | 0.974     | 0         | 1.811 | 0.02      | 0.016     | 0         | 58   | 57.6 | 54.6 | 161        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 4    | 53     | 43     | 0.994     | -0.016    | 1.811 | 0.02      | 0.016     | 0         | 58   | 58   | 54.6 | 162        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 5    | 3      | 43     | 0.978     | -0.013    | 1.811 | 0.02      | 0.016     | 0         | 58   | 58   | 55.9 | 162        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 5    | 13     | 43     | 0.971     | 0.036     | 1.811 | 0.02      | 0.016     | 0         | 58   | 58   | 55   | 162        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 5    | 23     | 43     | 0.974     | -0.033    | 1.808 | 0.02      | 0.016     | 0         | 58   | 57.6 | 55   | 161        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 5    | 33     | 43     | 0.965     | -0.02     | 1.808 | 0.023     | 0.023     | 0         | 58   | 57.6 | 55   | 162        | 162        | 0          | 27     | 28     |
| 2009 | 6     | 23  | 5    | 43     | 43     | 0.988     | -0.02     | 1.808 | 0.023     | 0.023     | 0         | 58   | 57.2 | 54.6 | 162        | 161        | 0          | 27     | 28     |
| 2009 | 6     | 23  | 5    | 53     | 43     | 0.965     | -0.003    | 1.808 | 0.023     | 0.02      | 0         | 57.6 | 57.6 | 55.5 | 161        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 6    | 3      | 43     | 0.991     | 0         | 1.808 | 0.03      | 0.03      | 0         | 57.6 | 57.6 | 55.5 | 161        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 6    | 13     | 43     | 0.974     | -0.013    | 1.808 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 57.6 | 161        | 161        | 0          | 27     | 28     |
| 2009 | 6     | 23  | 6    | 23     | 43     | 0.978     | 0.003     | 1.804 | 0.023     | 0.02      | 0         | 57.6 | 57.6 | 56.8 | 161        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 6    | 33     | 43     | 1.033     | 0.01      | 1.804 | 0.023     | 0.02      | 0         | 57.6 | 58   | 56.3 | 161        | 161        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 6    | 43     | 43     | 0.974     | 0.03      | 1.804 | 0.023     | 0.023     | 0         | 57.6 | 57.6 | 55.5 | 161        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 6    | 53     | 43     | 0.955     | -0.059    | 1.801 | 0.02      | 0.016     | 0         | 58   | 57.6 | 51.6 | 161        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 7    | 3      | 43     | 0.991     | -0.03     | 1.801 | 0.023     | 0.023     | 0         | 57.6 | 58   | 48.2 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 7    | 13     | 43     | 0.988     | 0.03      | 1.798 | 0.026     | 0.026     | 0         | 57.6 | 58   | 47.3 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 7    | 23     | 43     | 1.047     | -0.043    | 1.798 | 0.02      | 0.016     | 0         | 57.6 | 58.5 | 51.2 | 161        | 162        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 7    | 33     | 43     | 1.004     | -0.043    | 1.795 | 0.023     | 0.02      | 0         | 58   | 58.5 | 52.5 | 162        | 162        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 7    | 43     | 43     | 1.02      | -0.013    | 1.795 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 53.3 | 161        | 162        | 0          | 27     | 28     |
| 2009 | 6     | 23  | 7    | 53     | 43     | 0.971     | 0.01      | 1.795 | 0.026     | 0.026     | 0         | 57.6 | 57.6 | 45.6 | 161        | 161        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 23  | 8    | 3      | 43     | 1.001     | 0.007     | 1.795 | 0.023     | 0.02      | 0         | 57.6 | 58   | 43.4 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 8    | 13     | 43     | 0.991     | 0.056     | 1.795 | 0.02      | 0.016     | 0         | 57.6 | 58   | 43.4 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 8    | 23     | 43     | 0.981     | -0.059    | 1.791 | 0.023     | 0.02      | 0         | 58   | 58   | 43.4 | 162        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 8    | 33     | 43     | 1.04      | -0.036    | 1.791 | 0.023     | 0.02      | 0         | 58   | 58   | 43.9 | 162        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 8    | 43     | 43     | 1.004     | -0.03     | 1.788 | 0.02      | 0.016     | 0         | 58   | 58   | 44.3 | 161        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 8    | 53     | 43     | 0.971     | 0         | 1.788 | 0.026     | 0.023     | 0         | 57.6 | 58   | 46.9 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 9    | 3      | 43     | 0.971     | 0.013     | 1.788 | 0.026     | 0.023     | 0         | 57.6 | 57.6 | 46.9 | 161        | 162        | 0          | 27     | 28     |
| 2009 | 6     | 23  | 9    | 13     | 43     | 1.014     | -0.043    | 1.785 | 0.023     | 0.02      | 0         | 58   | 58   | 43.9 | 161        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 9    | 23     | 43     | 1.01      | 0.026     | 1.785 | 0.023     | 0.02      | 0         | 58.5 | 58   | 44.7 | 162        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 9    | 33     | 43     | 0.988     | -0.007    | 1.785 | 0.026     | 0.023     | 0         | 57.6 | 58   | 47.3 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 9    | 43     | 43     | 0.971     | -0.026    | 1.785 | 0.033     | 0.03      | 0         | 57.6 | 58   | 49.5 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 9    | 53     | 43     | 1.007     | -0.056    | 1.781 | 0.023     | 0.023     | 0         | 58   | 58.9 | 47.7 | 162        | 163        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 10   | 3      | 43     | 0.978     | 0.013     | 1.781 | 0.023     | 0.02      | 0         | 57.6 | 58   | 55.9 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 10   | 13     | 43     | 1.03      | 0.013     | 1.781 | 0.023     | 0.02      | 0         | 58   | 58   | 56.8 | 161        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 10   | 23     | 43     | 1.033     | 0         | 1.781 | 0.023     | 0.02      | 0         | 57.6 | 58   | 56.8 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 10   | 33     | 43     | 0.988     | 0.023     | 1.785 | 0.026     | 0.023     | 0         | 58   | 58.5 | 59.3 | 162        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 10   | 43     | 43     | 1.02      | 0.007     | 1.781 | 0.023     | 0.02      | 0         | 57.6 | 58   | 58.9 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 10   | 53     | 43     | 0.958     | 0.026     | 1.781 | 0.023     | 0.02      | 0         | 58.5 | 58   | 61.1 | 162        | 163        | 0          | 26     | 28     |
| 2009 | 6     | 23  | 11   | 3      | 43     | 0.991     | 0.026     | 1.781 | 0.02      | 0.016     | 0         | 58.5 | 58.5 | 59.8 | 162        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 11   | 13     | 43     | 0.978     | 0.033     | 1.781 | 0.023     | 0.023     | 0         | 58.5 | 58.9 | 63.2 | 162        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 11   | 23     | 43     | 1.05      | 0.02      | 1.781 | 0.026     | 0.023     | 0         | 58.5 | 58.5 | 63.6 | 162        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 11   | 33     | 43     | 0.988     | -0.013    | 1.781 | 0.023     | 0.023     | 0         | 58.5 | 58.5 | 61.1 | 162        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 11   | 43     | 43     | 0.958     | 0.013     | 1.781 | 0.02      | 0.016     | 0         | 58.5 | 58.5 | 60.2 | 162        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 11   | 53     | 43     | 0.945     | 0.023     | 1.781 | 0.02      | 0.016     | 0         | 58.9 | 58.9 | 61.9 | 163        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 12   | 3      | 43     | 0.991     | -0.026    | 1.781 | 0.023     | 0.02      | 0         | 58.5 | 58.5 | 60.6 | 162        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 12   | 13     | 43     | 1.001     | 0.016     | 1.781 | 0.02      | 0.016     | 0         | 58.9 | 59.3 | 61.1 | 163        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 12   | 23     | 43     | 0.978     | 0.01      | 1.778 | 0.023     | 0.02      | 0         | 58.9 | 58.9 | 60.2 | 163        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 12   | 33     | 43     | 0.915     | 0.052     | 1.778 | 0.023     | 0.02      | 0         | 59.3 | 59.8 | 53.8 | 164        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 12   | 43     | 43     | 0.978     | 0.016     | 1.778 | 0.023     | 0.023     | 0         | 59.3 | 59.8 | 58   | 164        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 12   | 53     | 43     | 1.014     | 0.01      | 1.778 | 0.026     | 0.026     | 0         | 59.3 | 59.8 | 58   | 164        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 13   | 3      | 43     | 0.896     | 0.046     | 1.775 | 0.023     | 0.023     | 0         | 58.9 | 59.8 | 50.7 | 164        | 165        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 13   | 13     | 43     | 0.955     | 0.036     | 1.772 | 0.023     | 0.02      | 0         | 58.9 | 59.8 | 52   | 164        | 165        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 13   | 23     | 43     | 1.033     | 0.039     | 1.772 | 0.023     | 0.023     | 0         | 58.9 | 59.8 | 54.2 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 13   | 33     | 43     | 0.935     | 0.003     | 1.768 | 0.023     | 0.023     | 0         | 58.9 | 59.8 | 54.6 | 164        | 165        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 13   | 43     | 43     | 1.017     | 0         | 1.768 | 0.023     | 0.02      | 0         | 59.8 | 60.2 | 55   | 165        | 166        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 13   | 53     | 43     | 1.043     | 0.052     | 1.768 | 0.023     | 0.023     | 0         | 59.3 | 59.8 | 56.3 | 164        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 14   | 3      | 43     | 0.984     | 0.007     | 1.768 | 0.026     | 0.026     | 0         | 59.3 | 59.8 | 58   | 164        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 14   | 13     | 43     | 0.968     | 0.062     | 1.765 | 0.02      | 0.016     | 0         | 59.8 | 59.8 | 56.3 | 165        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 14   | 23     | 43     | 0.978     | 0.003     | 1.765 | 0.023     | 0.02      | 0         | 58.9 | 60.2 | 54.2 | 163        | 166        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 14   | 33     | 43     | 1.02      | -0.013    | 1.765 | 0.026     | 0.023     | 0         | 58.9 | 59.8 | 56.8 | 164        | 166        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 14   | 43     | 43     | 1.033     | 0.039     | 1.765 | 0.023     | 0.02      | 0         | 59.3 | 59.8 | 56.3 | 164        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 14   | 53     | 43     | 0.997     | -0.007    | 1.762 | 0.023     | 0.02      | 0         | 59.3 | 59.8 | 58.5 | 164        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 15   | 3      | 43     | 0.981     | 0.033     | 1.762 | 0.023     | 0.023     | 0         | 59.3 | 60.2 | 55   | 164        | 166        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 15   | 13     | 43     | 1.037     | -0.02     | 1.762 | 0.02      | 0.016     | 0         | 59.3 | 59.8 | 55.9 | 164        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 15   | 23     | 43     | 0.945     | 0.02      | 1.762 | 0.023     | 0.023     | 0         | 59.3 | 59.8 | 54.2 | 164        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 15   | 33     | 43     | 1.056     | 0         | 1.762 | 0.026     | 0.023     | 0         | 58.9 | 59.8 | 56.8 | 163        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 15   | 43     | 43     | 0.984     | 0.062     | 1.762 | 0.023     | 0.023     | 0         | 58.9 | 59.8 | 55.5 | 163        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 15   | 53     | 43     | 0.991     | 0.03      | 1.762 | 0.023     | 0.02      | 0         | 59.3 | 59.8 | 56.3 | 163        | 165        | 0          | 25     | 26     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 23  | 16   | 3      | 43     | 1.007     | 0.013     | 1.759 | 0.023     | 0.02      | 0         | 58.9 | 59.8 | 55   | 163        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 16   | 13     | 43     | 0.997     | 0.013     | 1.759 | 0.026     | 0.023     | 0         | 58.9 | 60.2 | 56.3 | 163        | 165        | 0          | 26     | 25     |
| 2009 | 6     | 23  | 16   | 23     | 43     | 1.014     | 0.013     | 1.759 | 0.023     | 0.02      | 0         | 58.9 | 59.3 | 56.8 | 163        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 16   | 33     | 43     | 0.958     | 0.007     | 1.759 | 0.023     | 0.023     | 0         | 58.9 | 59.8 | 57.2 | 163        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 16   | 43     | 43     | 1.001     | 0.033     | 1.759 | 0.026     | 0.023     | 0         | 58.9 | 59.8 | 52.9 | 163        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 16   | 53     | 43     | 0.984     | 0.075     | 1.759 | 0.023     | 0.023     | 0         | 58.5 | 58.9 | 54.2 | 163        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 17   | 3      | 43     | 1.007     | 0.039     | 1.759 | 0.023     | 0.02      | 0         | 58.9 | 59.3 | 53.8 | 163        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 17   | 13     | 43     | 0.965     | -0.007    | 1.755 | 0.023     | 0.02      | 0         | 58.9 | 59.8 | 56.8 | 163        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 17   | 23     | 43     | 1.024     | 0         | 1.759 | 0.023     | 0.02      | 0         | 58.9 | 58.9 | 57.2 | 163        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 17   | 33     | 43     | 1.024     | 0.043     | 1.755 | 0.023     | 0.02      | 0         | 58.9 | 59.3 | 58   | 163        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 17   | 43     | 43     | 0.988     | 0.02      | 1.755 | 0.026     | 0.026     | 0         | 58.9 | 59.8 | 58   | 163        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 17   | 53     | 43     | 0.981     | 0.043     | 1.755 | 0.023     | 0.02      | 0         | 58.5 | 59.3 | 57.2 | 162        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 18   | 3      | 43     | 0.981     | 0.049     | 1.755 | 0.023     | 0.02      | 0         | 58.9 | 59.3 | 57.2 | 163        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 18   | 13     | 43     | 0.961     | 0.02      | 1.755 | 0.023     | 0.023     | 0         | 58   | 59.3 | 56.8 | 162        | 164        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 18   | 23     | 43     | 0.991     | -0.03     | 1.755 | 0.023     | 0.023     | 0         | 58.5 | 58.9 | 55   | 162        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 18   | 33     | 43     | 0.981     | -0.02     | 1.755 | 0.02      | 0.016     | 0         | 58.9 | 59.3 | 56.8 | 163        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 18   | 43     | 43     | 0.974     | 0.013     | 1.755 | 0.023     | 0.02      | 0         | 58.5 | 58.9 | 57.6 | 162        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 18   | 53     | 43     | 0.958     | -0.046    | 1.755 | 0.023     | 0.02      | 0         | 58.5 | 58.9 | 58   | 162        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 19   | 3      | 43     | 1.007     | 0.01      | 1.755 | 0.023     | 0.023     | 0         | 58.5 | 59.3 | 58   | 163        | 164        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 19   | 13     | 43     | 0.906     | 0         | 1.755 | 0.023     | 0.023     | 0         | 58.5 | 58.9 | 56.8 | 162        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 19   | 23     | 43     | 1.056     | 0.043     | 1.755 | 0.023     | 0.02      | 0         | 58   | 58.9 | 58.9 | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 19   | 33     | 43     | 0.997     | 0.03      | 1.755 | 0.023     | 0.023     | 0         | 58   | 58.9 | 60.2 | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 19   | 43     | 43     | 1.04      | 0.013     | 1.755 | 0.02      | 0.016     | 0         | 58   | 58.9 | 61.1 | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 19   | 53     | 43     | 1.033     | 0.072     | 1.755 | 0.023     | 0.02      | 0         | 58   | 58.9 | 60.6 | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 20   | 3      | 43     | 1.056     | -0.013    | 1.755 | 0.02      | 0.016     | 0         | 58.5 | 58.9 | 58.9 | 162        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 20   | 13     | 43     | 0.997     | -0.003    | 1.759 | 0.026     | 0.026     | 0         | 58.5 | 58.9 | 60.6 | 162        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 20   | 23     | 43     | 1.01      | 0.003     | 1.759 | 0.026     | 0.023     | 0         | 58.5 | 58.9 | 59.3 | 162        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 20   | 33     | 43     | 0.988     | -0.013    | 1.759 | 0.02      | 0.016     | 0         | 58.5 | 58.9 | 59.3 | 162        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 20   | 43     | 43     | 0.955     | 0.007     | 1.759 | 0.026     | 0.023     | 0         | 58.9 | 58.9 | 59.8 | 163        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 20   | 53     | 43     | 1.037     | 0.013     | 1.762 | 0.023     | 0.02      | 0         | 58.9 | 58.9 | 59.8 | 163        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 21   | 3      | 43     | 0.997     | 0.016     | 1.762 | 0.02      | 0.016     | 0         | 58.9 | 59.3 | 59.8 | 163        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 21   | 13     | 43     | 0.994     | 0.046     | 1.765 | 0.02      | 0.016     | 0         | 58.5 | 58.9 | 59.3 | 162        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 21   | 23     | 43     | 0.984     | 0.003     | 1.768 | 0.023     | 0.02      | 0         | 58.5 | 58.9 | 59.8 | 162        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 21   | 33     | 43     | 1.001     | 0.003     | 1.772 | 0.023     | 0.02      | 0         | 58.5 | 58.9 | 60.2 | 163        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 21   | 43     | 43     | 0.984     | -0.059    | 1.772 | 0.02      | 0.016     | 0         | 58   | 59.3 | 59.8 | 162        | 164        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 21   | 53     | 43     | 1.024     | -0.01     | 1.772 | 0.02      | 0.016     | 0         | 58   | 58.9 | 60.2 | 162        | 163        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 22   | 3      | 43     | 1.017     | 0.01      | 1.775 | 0.023     | 0.023     | 0         | 58   | 58.9 | 60.6 | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 22   | 13     | 43     | 1.004     | 0.007     | 1.775 | 0.02      | 0.016     | 0         | 58   | 58.9 | 61.5 | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 22   | 23     | 43     | 1.001     | 0.03      | 1.775 | 0.02      | 0.016     | 0         | 58.5 | 58.9 | 61.5 | 162        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 22   | 33     | 43     | 1.004     | -0.049    | 1.775 | 0.02      | 0.016     | 0         | 58.5 | 58.5 | 62.4 | 162        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 22   | 43     | 43     | 1.024     | 0         | 1.775 | 0.02      | 0.016     | 0         | 58   | 58.9 | 62.4 | 161        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 22   | 53     | 43     | 0.984     | 0.02      | 1.778 | 0.03      | 0.026     | 0         | 58.5 | 59.3 | 62.4 | 162        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 23   | 3      | 43     | 0.912     | -0.013    | 1.778 | 0.02      | 0.016     | 0         | 57.6 | 58.5 | 63.6 | 161        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 23   | 13     | 43     | 1.004     | 0.036     | 1.778 | 0.02      | 0.016     | 0         | 57.6 | 58   | 62.8 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 23   | 23     | 43     | 1.004     | 0.023     | 1.778 | 0.023     | 0.02      | 0         | 58   | 58   | 64.5 | 161        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 23   | 33     | 43     | 0.997     | -0.033    | 1.778 | 0.02      | 0.016     | 0         | 58   | 58.5 | 63.6 | 162        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 23   | 43     | 43     | 1.014     | -0.013    | 1.781 | 0.02      | 0.016     | 0         | 57.6 | 58.5 | 63.6 | 161        | 162        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 23   | 53     | 43     | 0.945     | -0.026    | 1.781 | 0.026     | 0.023     | 0         | 57.6 | 58   | 64.5 | 161        | 162        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 24  | 0    | 3      | 43     | 0.981     | -0.016    | 1.781 | 0.023     | 0.02      | 0         | 57.6 | 58   | 63.6 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 0    | 13     | 43     | 0.958     | -0.016    | 1.781 | 0.02      | 0.016     | 0         | 58   | 58   | 64.1 | 161        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 0    | 23     | 43     | 0.922     | -0.007    | 1.781 | 0.02      | 0.016     | 0         | 58   | 58.5 | 63.6 | 161        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 0    | 33     | 43     | 1.033     | -0.023    | 1.781 | 0.023     | 0.02      | 0         | 57.6 | 58   | 63.6 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 0    | 43     | 43     | 0.912     | -0.01     | 1.781 | 0.023     | 0.02      | 0         | 58   | 58.5 | 63.6 | 161        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 0    | 53     | 43     | 1.014     | -0.056    | 1.785 | 0.02      | 0.016     | 0         | 58   | 58   | 63.6 | 161        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 1    | 3      | 43     | 0.971     | -0.043    | 1.785 | 0.023     | 0.02      | 0         | 58   | 57.6 | 61.1 | 161        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 1    | 13     | 43     | 1.01      | -0.003    | 1.785 | 0.02      | 0.016     | 0         | 57.6 | 58.5 | 63.6 | 161        | 162        | 0          | 27     | 26     |
| 2009 | 6     | 24  | 1    | 23     | 43     | 0.942     | 0.016     | 1.785 | 0.023     | 0.02      | 0         | 58   | 58   | 62.4 | 161        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 1    | 33     | 43     | 0.978     | 0.02      | 1.785 | 0.02      | 0.016     | 0         | 57.2 | 58.5 | 63.2 | 160        | 162        | 0          | 27     | 26     |
| 2009 | 6     | 24  | 1    | 43     | 43     | 0.994     | -0.02     | 1.785 | 0.023     | 0.02      | 0         | 57.2 | 58   | 63.6 | 160        | 161        | 0          | 27     | 26     |
| 2009 | 6     | 24  | 1    | 53     | 43     | 0.984     | 0.033     | 1.785 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 63.2 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 2    | 3      | 43     | 0.984     | -0.016    | 1.785 | 0.023     | 0.02      | 0         | 57.6 | 57.6 | 62.8 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 2    | 13     | 43     | 1.04      | -0.016    | 1.788 | 0.026     | 0.023     | 0         | 57.2 | 58   | 62.4 | 160        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 2    | 23     | 43     | 0.925     | 0.049     | 1.788 | 0.02      | 0.016     | 0         | 57.6 | 58   | 62.8 | 160        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 2    | 33     | 43     | 0.915     | -0.016    | 1.788 | 0.026     | 0.023     | 0         | 57.2 | 58   | 62.8 | 160        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 2    | 43     | 43     | 1.007     | 0         | 1.788 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 62.8 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 2    | 53     | 43     | 0.984     | -0.01     | 1.788 | 0.023     | 0.02      | 0         | 57.2 | 58   | 62.4 | 160        | 161        | 0          | 27     | 26     |
| 2009 | 6     | 24  | 3    | 3      | 43     | 0.971     | 0.003     | 1.788 | 0.02      | 0.016     | 0         | 56.8 | 57.6 | 61.9 | 159        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 3    | 13     | 43     | 0.971     | 0.013     | 1.791 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 61.9 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 3    | 23     | 43     | 0.974     | 0.007     | 1.791 | 0.023     | 0.02      | 0         | 57.6 | 58   | 60.2 | 160        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 3    | 33     | 43     | 0.984     | 0.023     | 1.791 | 0.023     | 0.02      | 0         | 57.6 | 57.6 | 61.1 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 3    | 43     | 43     | 0.997     | -0.023    | 1.795 | 0.02      | 0.016     | 0         | 57.2 | 58   | 61.5 | 160        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 3    | 53     | 43     | 1.001     | -0.056    | 1.795 | 0.023     | 0.02      | 0         | 57.6 | 57.6 | 61.5 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 4    | 3      | 43     | 1.014     | -0.003    | 1.795 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 61.5 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 4    | 13     | 43     | 0.997     | -0.02     | 1.798 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 60.6 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 4    | 23     | 43     | 1.03      | 0.03      | 1.798 | 0.023     | 0.02      | 0         | 57.6 | 57.6 | 61.5 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 4    | 33     | 43     | 0.945     | -0.026    | 1.804 | 0.023     | 0.02      | 0         | 57.2 | 58   | 60.6 | 160        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 4    | 43     | 43     | 1.027     | -0.026    | 1.801 | 0.023     | 0.023     | 0         | 56.8 | 57.6 | 61.5 | 159        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 4    | 53     | 43     | 0.958     | 0.023     | 1.808 | 0.02      | 0.016     | 0         | 57.2 | 58   | 61.1 | 160        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 5    | 3      | 43     | 1.007     | 0         | 1.808 | 0.026     | 0.023     | 0         | 57.6 | 58   | 61.1 | 160        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 5    | 13     | 43     | 0.984     | 0         | 1.808 | 0.023     | 0.02      | 0         | 57.2 | 58   | 61.5 | 160        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 5    | 23     | 43     | 0.961     | 0.02      | 1.808 | 0.023     | 0.02      | 0         | 57.2 | 58   | 61.5 | 160        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 5    | 33     | 43     | 1.01      | -0.003    | 1.808 | 0.023     | 0.02      | 0         | 57.2 | 58   | 61.9 | 160        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 5    | 43     | 43     | 0.978     | -0.013    | 1.811 | 0.023     | 0.02      | 0         | 57.6 | 57.6 | 61.9 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 5    | 53     | 43     | 0.988     | 0.026     | 1.811 | 0.023     | 0.02      | 0         | 56.8 | 57.6 | 62.8 | 159        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 6    | 3      | 43     | 0.997     | -0.03     | 1.811 | 0.02      | 0.016     | 0         | 57.2 | 57.2 | 61.9 | 160        | 161        | 0          | 27     | 28     |
| 2009 | 6     | 24  | 6    | 13     | 43     | 1.066     | -0.039    | 1.811 | 0.023     | 0.023     | 0         | 56.8 | 57.6 | 62.8 | 159        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 6    | 23     | 43     | 0.994     | 0.033     | 1.811 | 0.023     | 0.02      | 0         | 56.8 | 57.6 | 63.2 | 159        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 6    | 33     | 43     | 1.03      | 0.026     | 1.811 | 0.023     | 0.02      | 0         | 56.8 | 57.6 | 63.6 | 159        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 6    | 43     | 43     | 0.971     | 0.013     | 1.814 | 0.03      | 0.026     | 0         | 56.8 | 57.6 | 63.6 | 159        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 6    | 53     | 43     | 0.994     | -0.007    | 1.814 | 0.023     | 0.023     | 0         | 56.8 | 57.6 | 63.6 | 159        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 7    | 3      | 43     | 1.01      | -0.016    | 1.814 | 0.023     | 0.02      | 0         | 56.3 | 57.2 | 62.4 | 158        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 7    | 13     | 43     | 0.981     | -0.062    | 1.814 | 0.02      | 0.016     | 0         | 56.3 | 57.2 | 62.8 | 158        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 7    | 23     | 43     | 0.981     | 0.023     | 1.814 | 0.023     | 0.02      | 0         | 56.8 | 57.2 | 61.9 | 159        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 7    | 33     | 43     | 0.925     | 0.072     | 1.814 | 0.02      | 0.016     | 0         | 56.3 | 57.2 | 61.1 | 158        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 7    | 43     | 43     | 0.981     | 0.013     | 1.814 | 0.026     | 0.023     | 0         | 56.8 | 57.6 | 61.9 | 159        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 7    | 53     | 43     | 1.027     | -0.023    | 1.818 | 0.023     | 0.02      | 0         | 57.2 | 57.2 | 63.2 | 159        | 160        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 24  | 8    | 3      | 43     | 1.001     | -0.023    | 1.818 | 0.02      | 0.016     | 0         | 56.8 | 57.6 | 63.2 | 159        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 8    | 13     | 43     | 1.06      | 0.039     | 1.818 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 57.2 | 159        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 8    | 23     | 43     | 1.001     | 0.007     | 1.818 | 0.03      | 0.026     | 0         | 56.8 | 57.2 | 57.6 | 159        | 161        | 0          | 27     | 28     |
| 2009 | 6     | 24  | 8    | 33     | 43     | 0.942     | -0.013    | 1.818 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 58.9 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 8    | 43     | 43     | 0.984     | -0.026    | 1.818 | 0.023     | 0.02      | 0         | 56.8 | 57.6 | 59.8 | 159        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 8    | 53     | 43     | 1.001     | 0         | 1.818 | 0.02      | 0.016     | 0         | 56.8 | 57.2 | 61.9 | 159        | 161        | 0          | 27     | 28     |
| 2009 | 6     | 24  | 9    | 3      | 43     | 0.948     | -0.013    | 1.818 | 0.02      | 0.016     | 0         | 56.8 | 57.6 | 60.6 | 159        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 9    | 13     | 43     | 0.948     | -0.013    | 1.818 | 0.023     | 0.023     | 0         | 57.2 | 57.6 | 63.6 | 159        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 9    | 23     | 43     | 1.01      | 0.052     | 1.818 | 0.02      | 0.016     | 0         | 56.8 | 58   | 62.8 | 159        | 161        | 0          | 27     | 26     |
| 2009 | 6     | 24  | 9    | 33     | 43     | 1.037     | 0.062     | 1.818 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 63.2 | 159        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 9    | 43     | 43     | 0.994     | -0.03     | 1.818 | 0.023     | 0.02      | 0         | 56.8 | 57.6 | 63.6 | 159        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 9    | 53     | 43     | 0.994     | 0.016     | 1.818 | 0.02      | 0.016     | 0         | 56.8 | 57.6 | 63.2 | 159        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 10   | 3      | 43     | 1.007     | -0.01     | 1.818 | 0.02      | 0.016     | 0         | 56.3 | 57.6 | 62.8 | 158        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 10   | 13     | 43     | 1.004     | -0.007    | 1.818 | 0.03      | 0.026     | 0         | 57.2 | 57.6 | 63.6 | 159        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 10   | 23     | 43     | 1.02      | 0.03      | 1.818 | 0.02      | 0.016     | 0         | 57.6 | 58   | 63.2 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 10   | 33     | 43     | 1.017     | -0.013    | 1.818 | 0.02      | 0.016     | 0         | 57.6 | 58.5 | 61.9 | 160        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 10   | 43     | 43     | 1.024     | 0.046     | 1.818 | 0.023     | 0.02      | 0         | 56.8 | 57.6 | 61.9 | 159        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 10   | 53     | 43     | 0.978     | 0.056     | 1.818 | 0.023     | 0.023     | 0         | 57.2 | 58   | 59.8 | 159        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 11   | 3      | 43     | 1.014     | 0         | 1.818 | 0.02      | 0.016     | 0         | 57.6 | 58   | 59.3 | 160        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 11   | 13     | 43     | 1.024     | -0.026    | 1.818 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 59.3 | 159        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 11   | 23     | 43     | 1.01      | -0.013    | 1.818 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 58   | 159        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 11   | 33     | 43     | 0.978     | 0         | 1.814 | 0.023     | 0.023     | 0         | 57.6 | 58.5 | 56.8 | 160        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 11   | 43     | 43     | 0.951     | 0.007     | 1.814 | 0.023     | 0.02      | 0         | 57.2 | 58   | 55   | 160        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 11   | 53     | 43     | 0.919     | 0.007     | 1.811 | 0.023     | 0.02      | 0         | 58   | 58.9 | 56.8 | 161        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 12   | 3      | 43     | 1.007     | -0.023    | 1.811 | 0.026     | 0.023     | 0         | 58   | 58.5 | 56.3 | 161        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 12   | 13     | 43     | 0.981     | -0.007    | 1.811 | 0.023     | 0.023     | 0         | 58   | 58.9 | 55.5 | 161        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 12   | 23     | 43     | 1.017     | 0.026     | 1.811 | 0.02      | 0.016     | 0         | 58   | 58.9 | 54.6 | 161        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 12   | 33     | 43     | 1.001     | 0.043     | 1.811 | 0.026     | 0.026     | 0         | 58.5 | 58.9 | 58.5 | 162        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 12   | 43     | 43     | 0.951     | 0.007     | 1.808 | 0.023     | 0.023     | 0         | 58.9 | 59.3 | 54.6 | 163        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 12   | 53     | 43     | 0.951     | 0.026     | 1.808 | 0.02      | 0.016     | 0         | 58.5 | 58.9 | 53.8 | 162        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 13   | 3      | 43     | 0.978     | 0.013     | 1.808 | 0.02      | 0.016     | 0         | 58.5 | 58.9 | 55.9 | 162        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 13   | 13     | 43     | 1.014     | 0.033     | 1.808 | 0.023     | 0.023     | 0         | 58   | 58.5 | 53.8 | 161        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 13   | 23     | 43     | 1.079     | 0.03      | 1.808 | 0.02      | 0.016     | 0         | 58.5 | 59.3 | 57.2 | 161        | 164        | 0          | 25     | 26     |
| 2009 | 6     | 24  | 13   | 33     | 43     | 1.007     | 0.043     | 1.804 | 0.02      | 0.016     | 0         | 58   | 58.9 | 51.2 | 161        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 13   | 43     | 43     | 0.938     | -0.01     | 1.814 | 0.026     | 0.026     | 0         | 58   | 59.3 | 54.6 | 161        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 13   | 53     | 43     | 0.988     | 0.026     | 1.821 | 0.02      | 0.016     | 0         | 58   | 58.5 | 57.2 | 161        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 14   | 3      | 43     | 0.961     | 0.046     | 1.827 | 0.023     | 0.02      | 0         | 57.6 | 59.3 | 57.6 | 161        | 164        | 0          | 27     | 26     |
| 2009 | 6     | 24  | 14   | 13     | 43     | 0.935     | 0.052     | 1.834 | 0.023     | 0.02      | 0         | 57.6 | 58.9 | 55   | 160        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 14   | 23     | 43     | 0.988     | 0.056     | 1.837 | 0.023     | 0.023     | 0         | 58   | 59.3 | 55.9 | 161        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 14   | 33     | 43     | 0.984     | -0.003    | 1.841 | 0.02      | 0.016     | 0         | 58   | 58.9 | 52   | 161        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 14   | 43     | 43     | 0.978     | 0         | 1.844 | 0.023     | 0.02      | 0         | 58   | 58.9 | 53.8 | 161        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 14   | 53     | 43     | 0.935     | 0.03      | 1.85  | 0.023     | 0.02      | 0         | 58   | 59.3 | 53.3 | 161        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 15   | 3      | 43     | 1.04      | 0.016     | 1.857 | 0.026     | 0.026     | 0         | 58   | 59.3 | 53.3 | 161        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 15   | 13     | 43     | 0.958     | 0.03      | 1.86  | 0.02      | 0.016     | 0         | 58   | 59.8 | 54.2 | 161        | 164        | 0          | 26     | 25     |
| 2009 | 6     | 24  | 15   | 23     | 43     | 0.912     | 0.085     | 1.86  | 0.02      | 0.016     | 0         | 58   | 59.8 | 52   | 161        | 164        | 0          | 26     | 25     |
| 2009 | 6     | 24  | 15   | 33     | 43     | 0.906     | -0.03     | 1.86  | 0.023     | 0.02      | 0         | 58   | 59.3 | 52.5 | 161        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 15   | 43     | 43     | 0.958     | 0.013     | 1.86  | 0.023     | 0.02      | 0         | 57.6 | 59.3 | 52.5 | 161        | 164        | 0          | 27     | 26     |
| 2009 | 6     | 24  | 15   | 53     | 43     | 0.991     | 0         | 1.86  | 0.023     | 0.02      | 0         | 58   | 58.9 | 50.3 | 161        | 164        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 24  | 16   | 3      | 43     | 0.889     | 0.007     | 1.86  | 0.02      | 0.016     | 0         | 58   | 59.3 | 50.7 | 161        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 16   | 13     | 43     | 0.965     | 0         | 1.86  | 0.023     | 0.02      | 0         | 58   | 59.3 | 51.2 | 161        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 16   | 23     | 43     | 0.951     | 0.026     | 1.857 | 0.023     | 0.02      | 0         | 58   | 59.3 | 52.5 | 161        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 16   | 33     | 43     | 1.017     | 0.056     | 1.857 | 0.023     | 0.023     | 0         | 58   | 58.5 | 53.3 | 161        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 16   | 43     | 43     | 0.938     | -0.013    | 1.854 | 0.023     | 0.023     | 0         | 58   | 58.9 | 52.9 | 161        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 16   | 53     | 43     | 0.965     | 0.033     | 1.854 | 0.02      | 0.016     | 0         | 58   | 59.3 | 55   | 161        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 17   | 3      | 43     | 1.014     | 0.026     | 1.847 | 0.023     | 0.02      | 0         | 58   | 58.9 | 51.2 | 161        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 17   | 13     | 43     | 0.938     | 0         | 1.847 | 0.023     | 0.02      | 0         | 58   | 58.9 | 52.5 | 161        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 17   | 23     | 43     | 0.968     | 0.01      | 1.844 | 0.02      | 0.016     | 0         | 58   | 58.9 | 50.3 | 161        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 17   | 33     | 43     | 0.945     | -0.01     | 1.844 | 0.023     | 0.02      | 0         | 58   | 58.9 | 52   | 161        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 17   | 43     | 43     | 0.994     | 0.036     | 1.837 | 0.026     | 0.023     | 0         | 58   | 59.8 | 55   | 161        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 17   | 53     | 43     | 0.932     | 0.013     | 1.841 | 0.02      | 0.016     | 0         | 57.6 | 59.3 | 52.5 | 161        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 18   | 3      | 43     | 0.915     | 0.046     | 1.837 | 0.023     | 0.02      | 0         | 57.6 | 59.3 | 51.6 | 161        | 164        | 0          | 27     | 26     |
| 2009 | 6     | 24  | 18   | 13     | 43     | 0.997     | 0.036     | 1.837 | 0.02      | 0.016     | 0         | 57.6 | 59.8 | 51.2 | 161        | 165        | 0          | 27     | 26     |
| 2009 | 6     | 24  | 18   | 23     | 43     | 0.978     | 0.013     | 1.837 | 0.026     | 0.023     | 0         | 58.5 | 59.3 | 52   | 162        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 18   | 33     | 43     | 0.925     | 0         | 1.837 | 0.02      | 0.016     | 0         | 58   | 59.3 | 55.9 | 162        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 18   | 43     | 43     | 1.007     | 0.043     | 1.837 | 0.02      | 0.016     | 0         | 58.5 | 59.8 | 49   | 162        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 18   | 53     | 43     | 0.994     | 0.03      | 1.834 | 0.023     | 0.02      | 0         | 58   | 59.3 | 52.9 | 162        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 19   | 3      | 43     | 0.899     | 0.043     | 1.834 | 0.023     | 0.02      | 0         | 58.5 | 59.8 | 52.9 | 162        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 19   | 13     | 43     | 1.053     | 0.056     | 1.834 | 0.023     | 0.023     | 0         | 58.5 | 59.8 | 53.8 | 162        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 19   | 23     | 43     | 0.971     | 0.03      | 1.837 | 0.02      | 0.016     | 0         | 58   | 59.3 | 50.7 | 162        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 19   | 33     | 43     | 1.047     | 0.013     | 1.837 | 0.023     | 0.02      | 0         | 59.8 | 59.3 | 55.9 | 165        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 19   | 43     | 43     | 1.007     | 0.03      | 1.841 | 0.023     | 0.02      | 0         | 59.8 | 59.3 | 53.8 | 165        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 19   | 53     | 43     | 1.027     | 0.013     | 1.841 | 0.023     | 0.02      | 0         | 59.3 | 59.8 | 53.3 | 164        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 20   | 3      | 43     | 0.997     | 0.02      | 1.844 | 0.03      | 0.03      | 0         | 59.3 | 59.3 | 53.3 | 164        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 20   | 13     | 43     | 1.024     | 0.03      | 1.844 | 0.023     | 0.02      | 0         | 59.3 | 59.3 | 54.2 | 165        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 20   | 23     | 43     | 0.968     | 0.03      | 1.847 | 0.02      | 0.016     | 0         | 59.8 | 59.3 | 54.2 | 165        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 20   | 33     | 43     | 0.994     | 0.03      | 1.85  | 0.023     | 0.02      | 0         | 59.8 | 59.3 | 55   | 165        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 20   | 43     | 43     | 1.03      | 0.023     | 1.854 | 0.023     | 0.02      | 0         | 60.2 | 59.8 | 57.2 | 165        | 165        | 0          | 25     | 26     |
| 2009 | 6     | 24  | 20   | 53     | 43     | 0.988     | 0.043     | 1.857 | 0.023     | 0.02      | 0         | 59.3 | 59.3 | 58   | 164        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 21   | 3      | 43     | 0.988     | 0.039     | 1.857 | 0.023     | 0.02      | 0         | 59.8 | 59.8 | 58.5 | 165        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 21   | 13     | 43     | 1.04      | 0.013     | 1.86  | 0.023     | 0.02      | 0         | 59.3 | 59.8 | 58.5 | 164        | 166        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 21   | 23     | 43     | 1.06      | 0.03      | 1.86  | 0.02      | 0.016     | 0         | 59.8 | 59.3 | 60.6 | 166        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 21   | 33     | 43     | 0.978     | 0.023     | 1.86  | 0.02      | 0.016     | 0         | 60.2 | 59.3 | 61.9 | 166        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 21   | 43     | 43     | 0.991     | -0.013    | 1.864 | 0.02      | 0.016     | 0         | 59.8 | 58.9 | 61.5 | 165        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 21   | 53     | 43     | 0.988     | 0         | 1.864 | 0.023     | 0.02      | 0         | 60.2 | 59.8 | 62.8 | 166        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 22   | 3      | 43     | 0.971     | 0.033     | 1.864 | 0.023     | 0.023     | 0         | 59.8 | 59.8 | 62.8 | 165        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 22   | 13     | 43     | 1.063     | 0.023     | 1.867 | 0.026     | 0.023     | 0         | 59.8 | 59.3 | 62.8 | 165        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 22   | 23     | 43     | 1.056     | 0.026     | 1.867 | 0.02      | 0.016     | 0         | 59.3 | 58.9 | 61.9 | 165        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 22   | 33     | 43     | 1.001     | 0.026     | 1.87  | 0.02      | 0.016     | 0         | 59.8 | 58.9 | 61.5 | 165        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 22   | 43     | 43     | 1.004     | 0.01      | 1.87  | 0.026     | 0.023     | 0         | 59.3 | 58.9 | 61.1 | 165        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 22   | 53     | 43     | 1.004     | 0.023     | 1.877 | 0.02      | 0.016     | 0         | 59.3 | 58.9 | 60.2 | 164        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 23   | 3      | 43     | 1.066     | 0.033     | 1.88  | 0.02      | 0.016     | 0         | 59.3 | 58.9 | 60.2 | 165        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 23   | 13     | 43     | 1.05      | 0.026     | 1.89  | 0.02      | 0.016     | 0         | 58.5 | 58   | 61.5 | 163        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 23   | 23     | 43     | 1.033     | 0.046     | 1.89  | 0.02      | 0.016     | 0         | 58.5 | 58   | 61.9 | 163        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 23   | 33     | 43     | 0.961     | -0.026    | 1.893 | 0.02      | 0.016     | 0         | 58.9 | 58.5 | 62.8 | 164        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 23   | 43     | 43     | 0.955     | -0.007    | 1.896 | 0.02      | 0.016     | 0         | 58.5 | 57.6 | 64.1 | 163        | 162        | 0          | 27     | 28     |
| 2009 | 6     | 24  | 23   | 53     | 43     | 1.017     | 0.003     | 1.896 | 0.023     | 0.02      | 0         | 58.9 | 58   | 64.1 | 163        | 162        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 25  | 0    | 3      | 43     | 0.984     | -0.026    | 1.9   | 0.02      | 0.016     | 0         | 58.5 | 58   | 64.1 | 163        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 0    | 13     | 43     | 0.978     | 0.013     | 1.9   | 0.03      | 0.026     | 0         | 58.5 | 58   | 64.1 | 162        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 0    | 23     | 43     | 1.024     | 0.023     | 1.9   | 0.026     | 0.026     | 0         | 58   | 58   | 63.6 | 162        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 0    | 33     | 43     | 1.063     | 0.013     | 1.903 | 0.02      | 0.016     | 0         | 58.5 | 57.6 | 63.6 | 162        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 0    | 43     | 43     | 1.007     | 0.013     | 1.903 | 0.02      | 0.016     | 0         | 58   | 57.6 | 62.4 | 161        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 0    | 53     | 43     | 1.004     | 0.03      | 1.906 | 0.02      | 0.016     | 0         | 58   | 57.6 | 61.9 | 161        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 1    | 3      | 43     | 1.047     | -0.02     | 1.909 | 0.023     | 0.02      | 0         | 58   | 57.6 | 62.4 | 161        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 1    | 13     | 43     | 0.938     | 0         | 1.913 | 0.02      | 0.016     | 0         | 57.2 | 57.2 | 61.1 | 160        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 1    | 23     | 43     | 1.014     | -0.033    | 1.919 | 0.02      | 0.016     | 0         | 57.2 | 57.2 | 60.6 | 160        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 1    | 33     | 43     | 1.014     | -0.013    | 1.926 | 0.023     | 0.02      | 0         | 57.6 | 57.6 | 61.9 | 160        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 1    | 43     | 43     | 0.984     | 0.039     | 1.929 | 0.02      | 0.016     | 0         | 58   | 57.2 | 61.9 | 161        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 1    | 53     | 43     | 1.024     | -0.013    | 1.929 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 63.6 | 161        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 2    | 3      | 43     | 0.971     | 0.036     | 1.932 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 64.5 | 160        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 2    | 13     | 43     | 1.03      | 0.026     | 1.936 | 0.023     | 0.02      | 0         | 57.2 | 57.2 | 64.5 | 160        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 2    | 23     | 43     | 1.04      | 0.007     | 1.936 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 64.5 | 161        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 2    | 33     | 43     | 1.056     | 0.007     | 1.936 | 0.026     | 0.023     | 0         | 57.6 | 56.8 | 64.5 | 160        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 2    | 43     | 43     | 1.027     | 0.013     | 1.939 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 64.5 | 160        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 2    | 53     | 43     | 1.03      | 0.043     | 1.939 | 0.02      | 0.016     | 0         | 57.6 | 56.3 | 64.1 | 161        | 159        | 0          | 27     | 28     |
| 2009 | 6     | 25  | 3    | 3      | 43     | 1.079     | 0.003     | 1.942 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 63.2 | 161        | 160        | 0          | 27     | 26     |
| 2009 | 6     | 25  | 3    | 13     | 43     | 0.971     | -0.046    | 1.942 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 63.2 | 160        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 3    | 23     | 43     | 0.965     | 0.013     | 1.942 | 0.02      | 0.016     | 0         | 58   | 56.8 | 62.8 | 161        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 3    | 33     | 43     | 0.958     | 0.013     | 1.946 | 0.02      | 0.016     | 0         | 57.6 | 56.8 | 61.1 | 161        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 3    | 43     | 43     | 1.093     | -0.043    | 1.949 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 61.5 | 161        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 3    | 53     | 43     | 0.951     | 0.013     | 1.952 | 0.02      | 0.016     | 0         | 58   | 57.6 | 60.6 | 161        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 4    | 3      | 43     | 1.024     | 0.039     | 1.959 | 0.023     | 0.02      | 0         | 57.6 | 57.2 | 61.5 | 161        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 4    | 13     | 43     | 1.027     | 0.01      | 1.965 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 61.9 | 161        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 4    | 23     | 43     | 0.991     | 0.03      | 1.965 | 0.023     | 0.02      | 0         | 57.2 | 57.2 | 62.8 | 160        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 4    | 33     | 43     | 1.07      | 0.026     | 1.969 | 0.023     | 0.023     | 0         | 57.6 | 57.2 | 63.2 | 161        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 4    | 43     | 43     | 1.024     | 0.016     | 1.969 | 0.02      | 0.016     | 0         | 58   | 57.2 | 63.6 | 161        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 4    | 53     | 43     | 1.073     | 0.043     | 1.972 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 64.1 | 161        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 5    | 3      | 43     | 1.043     | 0.023     | 1.972 | 0.02      | 0.016     | 0         | 58   | 57.6 | 64.5 | 162        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 5    | 13     | 43     | 1.037     | 0         | 1.972 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 64.1 | 161        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 5    | 23     | 43     | 1.027     | -0.02     | 1.975 | 0.02      | 0.016     | 0         | 58.5 | 57.6 | 63.2 | 162        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 5    | 33     | 43     | 1.001     | 0         | 1.975 | 0.02      | 0.016     | 0         | 58   | 58   | 62.8 | 162        | 161        | 0          | 27     | 26     |
| 2009 | 6     | 25  | 5    | 43     | 43     | 1.053     | 0.02      | 1.975 | 0.02      | 0.016     | 0         | 58   | 57.6 | 63.6 | 161        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 5    | 53     | 43     | 1.04      | -0.02     | 1.978 | 0.02      | 0.016     | 0         | 58   | 57.6 | 63.6 | 162        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 6    | 3      | 43     | 1.007     | 0         | 1.978 | 0.02      | 0.016     | 0         | 58   | 57.6 | 62.8 | 162        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 6    | 13     | 43     | 1.043     | 0.026     | 1.978 | 0.026     | 0.023     | 0         | 57.6 | 57.2 | 62.8 | 161        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 6    | 23     | 43     | 0.942     | -0.016    | 1.982 | 0.026     | 0.026     | 0         | 58   | 58   | 62.4 | 161        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 6    | 33     | 43     | 1.043     | 0.007     | 1.982 | 0.023     | 0.02      | 0         | 57.6 | 57.2 | 61.9 | 161        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 6    | 43     | 43     | 1.03      | 0.01      | 1.982 | 0.023     | 0.02      | 0         | 57.6 | 57.2 | 61.1 | 161        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 6    | 53     | 43     | 1.001     | 0         | 1.985 | 0.02      | 0.016     | 0         | 57.2 | 57.2 | 59.8 | 160        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 7    | 3      | 43     | 1.043     | 0         | 1.985 | 0.02      | 0.016     | 0         | 56.8 | 56.8 | 60.6 | 159        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 7    | 13     | 43     | 1.07      | -0.003    | 1.988 | 0.02      | 0.016     | 0         | 56.8 | 56.8 | 61.5 | 159        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 7    | 23     | 43     | 1.017     | 0.03      | 1.991 | 0.023     | 0.02      | 0         | 57.2 | 56.8 | 61.1 | 160        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 7    | 33     | 43     | 1.02      | -0.043    | 1.991 | 0.02      | 0.016     | 0         | 57.2 | 57.2 | 60.6 | 159        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 7    | 43     | 43     | 1.076     | 0.026     | 1.998 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 59.3 | 160        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 7    | 53     | 43     | 1.03      | 0         | 2.001 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 60.6 | 160        | 160        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 25  | 8    | 3      | 43     | 0.978     | -0.013    | 2.001 | 0.02      | 0.016     | 0         | 56.8 | 56.8 | 61.5 | 159        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 8    | 13     | 43     | 1.033     | -0.01     | 2.005 | 0.02      | 0.016     | 0         | 56.8 | 56.8 | 61.5 | 159        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 8    | 23     | 43     | 1.001     | -0.013    | 2.005 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 62.4 | 159        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 8    | 33     | 43     | 1.037     | 0.036     | 2.008 | 0.02      | 0.016     | 0         | 56.8 | 56.8 | 61.9 | 159        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 8    | 43     | 43     | 1.093     | -0.039    | 2.008 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 61.9 | 159        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 8    | 53     | 43     | 1.037     | 0.026     | 2.008 | 0.02      | 0.016     | 0         | 56.8 | 56.8 | 62.4 | 159        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 9    | 3      | 43     | 1.05      | -0.016    | 2.008 | 0.026     | 0.023     | 0         | 56.8 | 56.8 | 62.8 | 159        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 9    | 13     | 43     | 1.02      | 0.007     | 2.008 | 0.023     | 0.02      | 0         | 57.2 | 57.2 | 64.1 | 159        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 9    | 23     | 43     | 1.007     | 0.003     | 2.011 | 0.02      | 0.016     | 0         | 56.8 | 57.2 | 63.6 | 159        | 159        | 0          | 27     | 26     |
| 2009 | 6     | 25  | 9    | 33     | 43     | 1.109     | 0.026     | 2.011 | 0.02      | 0.016     | 0         | 56.8 | 56.8 | 63.2 | 159        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 9    | 43     | 43     | 1.07      | 0.039     | 2.011 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 62.4 | 159        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 9    | 53     | 43     | 1.027     | -0.007    | 2.011 | 0.023     | 0.02      | 0         | 56.8 | 56.8 | 62.4 | 159        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 10   | 3      | 43     | 0.971     | 0.033     | 2.011 | 0.026     | 0.023     | 0         | 56.8 | 56.8 | 61.5 | 159        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 10   | 13     | 43     | 1.043     | -0.007    | 2.011 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 63.2 | 160        | 160        | 0          | 27     | 26     |
| 2009 | 6     | 25  | 10   | 23     | 43     | 1.024     | -0.003    | 2.014 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 61.5 | 160        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 10   | 33     | 43     | 1.027     | 0.007     | 2.014 | 0.02      | 0.016     | 0         | 56.8 | 57.6 | 61.1 | 159        | 160        | 0          | 27     | 26     |
| 2009 | 6     | 25  | 10   | 43     | 43     | 0.997     | 0.01      | 2.014 | 0.02      | 0.016     | 0         | 57.2 | 57.2 | 60.2 | 160        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 10   | 53     | 43     | 1.017     | -0.036    | 2.014 | 0.023     | 0.02      | 0         | 57.6 | 57.2 | 59.8 | 160        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 11   | 3      | 43     | 0.984     | -0.039    | 2.014 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 60.2 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 11   | 13     | 43     | 1.017     | -0.016    | 2.014 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 59.8 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 11   | 23     | 43     | 1.063     | 0.01      | 2.014 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 58.5 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 11   | 33     | 43     | 1.043     | 0.007     | 2.014 | 0.02      | 0.016     | 0         | 57.6 | 58   | 58.5 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 11   | 43     | 43     | 1.014     | 0.02      | 2.014 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 59.3 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 11   | 53     | 43     | 1.043     | 0.013     | 2.014 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 56.3 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 12   | 3      | 43     | 0.968     | 0         | 2.014 | 0.02      | 0.016     | 0         | 58   | 58   | 60.6 | 161        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 12   | 13     | 43     | 1.05      | 0.023     | 2.014 | 0.02      | 0.016     | 0         | 57.6 | 58.5 | 56.8 | 161        | 162        | 0          | 27     | 26     |
| 2009 | 6     | 25  | 12   | 23     | 43     | 0.997     | 0.01      | 2.014 | 0.023     | 0.02      | 0         | 57.6 | 58   | 55.5 | 161        | 161        | 0          | 27     | 26     |
| 2009 | 6     | 25  | 12   | 33     | 43     | 1.06      | -0.013    | 2.014 | 0.02      | 0.016     | 0         | 57.6 | 58   | 61.5 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 12   | 43     | 43     | 1.007     | -0.033    | 2.014 | 0.023     | 0.02      | 0         | 57.6 | 57.6 | 55.5 | 161        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 12   | 53     | 43     | 1.047     | 0.03      | 2.014 | 0.02      | 0.016     | 0         | 58   | 58   | 56.3 | 161        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 13   | 3      | 43     | 1.043     | -0.026    | 2.014 | 0.02      | 0.016     | 0         | 58   | 58.9 | 58   | 161        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 13   | 13     | 43     | 1.03      | 0.023     | 2.014 | 0.02      | 0.016     | 0         | 58.5 | 58.9 | 57.2 | 162        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 13   | 23     | 43     | 1.06      | 0.079     | 2.011 | 0.023     | 0.02      | 0         | 58.5 | 59.3 | 54.2 | 162        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 13   | 33     | 43     | 1.05      | 0.003     | 2.011 | 0.02      | 0.016     | 0         | 58.9 | 58.9 | 53.3 | 163        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 13   | 43     | 43     | 1.014     | 0.023     | 2.011 | 0.02      | 0.016     | 0         | 58.9 | 59.3 | 56.3 | 163        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 13   | 53     | 43     | 1.037     | 0.105     | 2.008 | 0.026     | 0.023     | 0         | 58.9 | 59.3 | 48.6 | 163        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 14   | 3      | 43     | 1.037     | 0.046     | 2.011 | 0.02      | 0.016     | 0         | 58.9 | 59.3 | 50.7 | 163        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 14   | 13     | 43     | 1.063     | 0.026     | 2.011 | 0.02      | 0.016     | 0         | 58.9 | 59.3 | 51.2 | 163        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 14   | 23     | 43     | 1.056     | -0.013    | 2.014 | 0.02      | 0.016     | 0         | 59.3 | 59.3 | 53.3 | 164        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 14   | 33     | 43     | 1.017     | 0.043     | 2.011 | 0.02      | 0.016     | 0         | 59.3 | 59.8 | 49.5 | 164        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 14   | 43     | 43     | 0.994     | 0.046     | 2.011 | 0.02      | 0.016     | 0         | 58.9 | 59.8 | 50.7 | 164        | 165        | 0          | 27     | 26     |
| 2009 | 6     | 25  | 14   | 53     | 43     | 0.988     | 0.023     | 2.011 | 0.02      | 0.016     | 0         | 59.3 | 60.2 | 53.3 | 165        | 166        | 0          | 27     | 26     |
| 2009 | 6     | 25  | 15   | 3      | 43     | 0.984     | 0.036     | 2.008 | 0.02      | 0.016     | 0         | 59.3 | 59.8 | 51.2 | 164        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 15   | 13     | 43     | 0.991     | 0.056     | 2.008 | 0.02      | 0.016     | 0         | 60.2 | 59.8 | 46   | 165        | 165        | 0          | 25     | 26     |
| 2009 | 6     | 25  | 15   | 23     | 43     | 1.102     | 0.056     | 2.011 | 0.02      | 0.016     | 0         | 59.3 | 59.8 | 52.5 | 164        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 15   | 33     | 43     | 1.05      | 0.082     | 2.014 | 0.02      | 0.016     | 0         | 59.8 | 60.2 | 53.8 | 165        | 166        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 15   | 43     | 43     | 1.024     | 0         | 2.014 | 0.02      | 0.016     | 0         | 59.3 | 59.8 | 52.9 | 164        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 15   | 53     | 43     | 1.063     | 0.043     | 2.011 | 0.02      | 0.016     | 0         | 59.3 | 59.8 | 48.2 | 164        | 165        | 0          | 26     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 25  | 16   | 3      | 43     | 1.004     | 0.026     | 2.014 | 0.026     | 0.023     | 0         | 59.3 | 59.3 | 52.9 | 164        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 16   | 13     | 43     | 1.056     | 0.082     | 2.011 | 0.02      | 0.016     | 0         | 59.3 | 60.2 | 50.7 | 164        | 166        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 16   | 23     | 43     | 1.001     | 0.02      | 2.011 | 0.02      | 0.016     | 0         | 59.3 | 59.8 | 49.5 | 164        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 16   | 33     | 43     | 1.05      | -0.01     | 2.011 | 0.02      | 0.016     | 0         | 58.9 | 59.8 | 51.6 | 164        | 165        | 0          | 27     | 26     |
| 2009 | 6     | 25  | 16   | 43     | 43     | 0.988     | 0.079     | 2.011 | 0.02      | 0.016     | 0         | 59.3 | 59.3 | 50.3 | 164        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 16   | 53     | 43     | 1.014     | 0.016     | 2.011 | 0.023     | 0.02      | 0         | 59.3 | 60.2 | 50.7 | 164        | 165        | 0          | 26     | 25     |
| 2009 | 6     | 25  | 17   | 3      | 43     | 0.981     | 0.049     | 2.011 | 0.02      | 0.016     | 0         | 59.3 | 59.3 | 52.9 | 164        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 17   | 13     | 43     | 0.994     | 0.085     | 2.011 | 0.023     | 0.02      | 0         | 59.3 | 60.2 | 48.2 | 164        | 165        | 0          | 26     | 25     |
| 2009 | 6     | 25  | 17   | 23     | 43     | 0.974     | 0.016     | 2.014 | 0.02      | 0.016     | 0         | 58.9 | 59.8 | 53.3 | 163        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 17   | 33     | 43     | 1.037     | 0.03      | 2.014 | 0.026     | 0.026     | 0         | 59.3 | 59.3 | 54.6 | 164        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 17   | 43     | 43     | 1.033     | 0.043     | 2.014 | 0.02      | 0.016     | 0         | 59.3 | 59.8 | 54.2 | 164        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 17   | 53     | 43     | 1.073     | 0.069     | 2.014 | 0.023     | 0.02      | 0         | 58.9 | 59.3 | 52.5 | 163        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 18   | 3      | 43     | 1.017     | 0.023     | 2.014 | 0.023     | 0.02      | 0         | 58.5 | 59.3 | 54.2 | 163        | 164        | 0          | 27     | 26     |
| 2009 | 6     | 25  | 18   | 13     | 43     | 1.007     | 0.056     | 2.014 | 0.02      | 0.016     | 0         | 58.9 | 59.3 | 55.9 | 163        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 18   | 23     | 43     | 0.988     | 0.036     | 2.014 | 0.02      | 0.016     | 0         | 58.5 | 59.3 | 55   | 163        | 164        | 0          | 27     | 26     |
| 2009 | 6     | 25  | 18   | 33     | 43     | 1.027     | -0.007    | 2.014 | 0.02      | 0.016     | 0         | 58.9 | 58.9 | 53.3 | 163        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 18   | 43     | 43     | 1.03      | 0.079     | 2.018 | 0.02      | 0.016     | 0         | 58.9 | 59.3 | 55   | 163        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 18   | 53     | 43     | 0.988     | 0.033     | 2.018 | 0.02      | 0.016     | 0         | 58   | 58.9 | 57.6 | 162        | 164        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 19   | 3      | 43     | 1.001     | 0.013     | 2.018 | 0.016     | 0.016     | 0         | 58.9 | 59.3 | 59.8 | 163        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 19   | 13     | 43     | 1.001     | -0.013    | 2.018 | 0.02      | 0.016     | 0         | 58.5 | 59.3 | 58   | 162        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 19   | 23     | 43     | 1.014     | 0.046     | 2.018 | 0.02      | 0.016     | 0         | 58.5 | 58.9 | 61.1 | 162        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 19   | 33     | 43     | 0.991     | 0.02      | 2.018 | 0.02      | 0.016     | 0         | 58.5 | 58.9 | 61.1 | 162        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 19   | 43     | 43     | 1.024     | 0.013     | 2.018 | 0.02      | 0.016     | 0         | 58.5 | 59.3 | 61.5 | 162        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 19   | 53     | 43     | 1.01      | 0.049     | 2.018 | 0.023     | 0.023     | 0         | 58.5 | 59.3 | 61.9 | 162        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 20   | 3      | 43     | 0.968     | 0.02      | 2.018 | 0.02      | 0.016     | 0         | 58.5 | 58.5 | 63.2 | 162        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 20   | 13     | 43     | 1.047     | 0.039     | 2.018 | 0.023     | 0.02      | 0         | 58   | 58.5 | 62.4 | 161        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 20   | 23     | 43     | 0.974     | 0.02      | 2.018 | 0.02      | 0.016     | 0         | 58   | 58.9 | 63.2 | 161        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 20   | 33     | 43     | 1.014     | 0.013     | 2.018 | 0.02      | 0.016     | 0         | 57.6 | 58   | 62.8 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 20   | 43     | 43     | 1.007     | -0.016    | 2.018 | 0.023     | 0.02      | 0         | 57.6 | 58.5 | 63.6 | 161        | 162        | 0          | 27     | 26     |
| 2009 | 6     | 25  | 20   | 53     | 43     | 1.024     | 0.003     | 2.021 | 0.02      | 0.016     | 0         | 58   | 58   | 63.2 | 161        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 21   | 3      | 43     | 1.033     | 0.013     | 2.021 | 0.02      | 0.016     | 0         | 57.2 | 58   | 64.1 | 160        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 21   | 13     | 43     | 1.027     | 0.039     | 2.021 | 0.02      | 0.016     | 0         | 57.6 | 58.5 | 63.2 | 160        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 21   | 23     | 43     | 1.043     | 0.026     | 2.021 | 0.023     | 0.02      | 0         | 57.6 | 57.6 | 62.8 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 21   | 33     | 43     | 0.958     | 0         | 2.021 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 63.2 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 21   | 43     | 43     | 1.027     | 0.02      | 2.021 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 63.6 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 21   | 53     | 43     | 0.955     | 0.016     | 2.021 | 0.02      | 0.016     | 0         | 57.2 | 58.5 | 43.4 | 160        | 162        | 0          | 27     | 26     |
| 2009 | 6     | 25  | 22   | 3      | 43     | 1.017     | 0.026     | 2.018 | 0.023     | 0.02      | 0         | 58.5 | 59.3 | 39.6 | 162        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 22   | 13     | 43     | 0.994     | -0.007    | 2.018 | 0.02      | 0.016     | 0         | 58.9 | 58.5 | 39.6 | 163        | 164        | 0          | 26     | 28     |
| 2009 | 6     | 25  | 22   | 23     | 43     | 1.014     | 0.075     | 2.018 | 0.02      | 0.016     | 0         | 58.9 | 59.8 | 40.4 | 163        | 165        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 22   | 33     | 43     | 0.984     | 0.072     | 2.018 | 0.023     | 0.023     | 0         | 58.9 | 59.3 | 40.9 | 163        | 165        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 22   | 43     | 43     | 1.033     | 0.02      | 2.018 | 0.02      | 0.016     | 0         | 58.5 | 59.3 | 52.9 | 163        | 165        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 22   | 53     | 43     | 0.997     | 0.066     | 2.018 | 0.02      | 0.016     | 0         | 58.9 | 59.3 | 40.9 | 163        | 164        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 23   | 3      | 43     | 0.991     | 0.046     | 2.018 | 0.02      | 0.016     | 0         | 58.9 | 58.9 | 43.4 | 163        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 23   | 13     | 43     | 1.017     | 0.01      | 2.018 | 0.023     | 0.02      | 0         | 58.9 | 58.9 | 42.1 | 163        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 23   | 23     | 43     | 0.968     | 0.062     | 2.018 | 0.02      | 0.016     | 0         | 58.9 | 58.5 | 51.6 | 163        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 23   | 33     | 43     | 1.083     | 0         | 2.018 | 0.02      | 0.016     | 0         | 58.5 | 58.9 | 52.9 | 162        | 164        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 23   | 43     | 43     | 1.02      | -0.023    | 2.018 | 0.026     | 0.023     | 0         | 58   | 58.5 | 50.3 | 162        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 23   | 53     | 43     | 0.974     | 0.023     | 2.018 | 0.02      | 0.016     | 0         | 58.5 | 58.5 | 55   | 162        | 163        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 26  | 0    | 3      | 43     | 1.014     | 0.043     | 2.018 | 0.02      | 0.016     | 0         | 58   | 58.5 | 57.2 | 162        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 0    | 13     | 43     | 0.974     | 0.036     | 2.018 | 0.02      | 0.016     | 0         | 58   | 58.5 | 54.6 | 162        | 163        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 0    | 23     | 43     | 1.001     | 0.013     | 2.018 | 0.02      | 0.016     | 0         | 57.6 | 58   | 52.9 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 0    | 33     | 43     | 1.03      | 0.049     | 2.018 | 0.02      | 0.016     | 0         | 57.6 | 58.5 | 46.9 | 161        | 162        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 0    | 43     | 43     | 1.017     | 0.039     | 2.018 | 0.02      | 0.016     | 0         | 57.6 | 58.5 | 50.7 | 161        | 162        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 0    | 53     | 43     | 0.981     | 0.03      | 2.018 | 0.02      | 0.016     | 0         | 58   | 58   | 48.6 | 161        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 1    | 3      | 43     | 1.037     | 0.036     | 2.018 | 0.02      | 0.016     | 0         | 57.6 | 58   | 50.3 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 1    | 13     | 43     | 1.027     | 0.036     | 2.018 | 0.02      | 0.016     | 0         | 57.6 | 58   | 46   | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 1    | 23     | 43     | 0.997     | -0.03     | 2.018 | 0.016     | 0.016     | 0         | 57.6 | 58.5 | 54.6 | 161        | 162        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 1    | 33     | 43     | 1.001     | 0.052     | 2.018 | 0.02      | 0.016     | 0         | 57.6 | 58   | 55.9 | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 1    | 43     | 43     | 0.988     | 0.02      | 2.018 | 0.02      | 0.016     | 0         | 58   | 58   | 57.6 | 161        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 1    | 53     | 43     | 1.033     | 0.013     | 2.018 | 0.023     | 0.02      | 0         | 57.2 | 58   | 55.9 | 160        | 161        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 2    | 3      | 43     | 0.984     | 0.059     | 2.018 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 57.2 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 2    | 13     | 43     | 0.988     | 0.003     | 2.018 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 56.8 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 2    | 23     | 43     | 1.037     | 0.056     | 2.018 | 0.02      | 0.016     | 0         | 58   | 57.6 | 59.3 | 161        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 2    | 33     | 43     | 1.004     | 0.036     | 2.018 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 57.6 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 2    | 43     | 43     | 0.958     | 0.043     | 2.018 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 58.5 | 161        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 2    | 53     | 43     | 0.971     | -0.013    | 2.018 | 0.02      | 0.016     | 0         | 58   | 57.6 | 58.5 | 161        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 3    | 3      | 43     | 0.968     | 0.003     | 2.018 | 0.023     | 0.02      | 0         | 57.6 | 57.6 | 59.3 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 3    | 13     | 43     | 0.965     | 0.007     | 2.018 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 61.1 | 160        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 3    | 23     | 43     | 1.001     | 0.036     | 2.018 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 59.8 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 3    | 33     | 43     | 1.033     | -0.03     | 2.018 | 0.023     | 0.02      | 0         | 58   | 57.6 | 58.9 | 161        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 3    | 43     | 43     | 0.942     | 0.039     | 2.018 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 58.5 | 160        | 160        | 0          | 27     | 28     |
| 2009 | 6     | 26  | 3    | 53     | 43     | 0.981     | 0.016     | 2.021 | 0.023     | 0.02      | 0         | 57.2 | 57.2 | 61.9 | 160        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 4    | 3      | 43     | 1.073     | 0.059     | 2.018 | 0.02      | 0.016     | 0         | 57.2 | 57.2 | 59.3 | 160        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 4    | 13     | 43     | 0.968     | -0.036    | 2.018 | 0.02      | 0.016     | 0         | 57.2 | 57.2 | 59.3 | 160        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 4    | 23     | 43     | 0.942     | -0.03     | 2.018 | 0.023     | 0.02      | 0         | 57.2 | 57.2 | 60.2 | 160        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 4    | 33     | 43     | 0.922     | 0.013     | 2.018 | 0.02      | 0.016     | 0         | 57.2 | 57.2 | 60.6 | 160        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 4    | 43     | 43     | 0.981     | 0         | 2.018 | 0.023     | 0.02      | 0         | 57.6 | 57.2 | 59.8 | 161        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 4    | 53     | 43     | 0.984     | -0.003    | 2.018 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 58.9 | 161        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 5    | 3      | 43     | 1.02      | 0.02      | 2.018 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 58   | 161        | 160        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 5    | 13     | 43     | 1.007     | -0.016    | 2.018 | 0.026     | 0.023     | 0         | 57.6 | 57.6 | 59.3 | 161        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 5    | 23     | 43     | 0.951     | 0.01      | 2.018 | 0.023     | 0.023     | 0         | 58   | 57.6 | 59.8 | 161        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 5    | 33     | 43     | 1.004     | 0.03      | 2.018 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 59.3 | 161        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 5    | 43     | 43     | 1.043     | 0.052     | 2.018 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 58   | 161        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 5    | 53     | 43     | 1.014     | -0.03     | 2.018 | 0.023     | 0.02      | 0         | 57.2 | 57.2 | 60.2 | 160        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 6    | 3      | 43     | 0.994     | 0.013     | 2.018 | 0.023     | 0.023     | 0         | 57.2 | 57.2 | 59.3 | 160        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 6    | 13     | 43     | 1.024     | 0         | 2.018 | 0.016     | 0.016     | 0         | 57.2 | 57.2 | 58.9 | 160        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 6    | 23     | 43     | 1.024     | 0.072     | 2.018 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 61.1 | 160        | 159        | 0          | 27     | 28     |
| 2009 | 6     | 26  | 6    | 33     | 43     | 0.997     | 0.059     | 2.018 | 0.023     | 0.02      | 0         | 57.2 | 56.8 | 61.9 | 160        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 6    | 43     | 43     | 1.024     | 0.007     | 2.014 | 0.016     | 0.016     | 0         | 57.2 | 56.8 | 63.2 | 160        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 6    | 53     | 43     | 1.056     | -0.007    | 2.014 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 63.2 | 160        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 7    | 3      | 43     | 1.05      | 0.01      | 2.014 | 0.023     | 0.02      | 0         | 57.2 | 56.3 | 59.8 | 160        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 7    | 13     | 43     | 1.02      | 0.02      | 2.014 | 0.02      | 0.016     | 0         | 57.6 | 56.8 | 61.1 | 160        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 7    | 23     | 43     | 1.047     | 0.013     | 2.014 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 61.9 | 160        | 159        | 0          | 27     | 28     |
| 2009 | 6     | 26  | 7    | 33     | 43     | 1.037     | 0.01      | 2.014 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 61.9 | 159        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 7    | 43     | 43     | 0.974     | 0.023     | 2.014 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 63.2 | 160        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 7    | 53     | 43     | 0.965     | 0.016     | 2.014 | 0.026     | 0.023     | 0         | 56.8 | 56.8 | 64.9 | 159        | 159        | 0          | 27     | 27     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 26  | 8    | 3      | 43     | 0.988     | 0.036     | 2.014 | 0.02      | 0.016     | 0         | 56.8 | 56.8 | 64.1 | 159        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 8    | 13     | 43     | 0.997     | 0.023     | 2.014 | 0.02      | 0.016     | 0         | 57.2 | 57.2 | 64.5 | 160        | 159        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 8    | 23     | 43     | 1.03      | 0.03      | 2.014 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 63.6 | 159        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 8    | 33     | 43     | 1.004     | 0.043     | 2.014 | 0.02      | 0.016     | 0         | 56.8 | 56.8 | 64.5 | 159        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 8    | 43     | 43     | 1.01      | -0.01     | 2.014 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 64.9 | 160        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 8    | 53     | 43     | 1.01      | 0.02      | 2.014 | 0.02      | 0.016     | 0         | 56.8 | 57.2 | 65.4 | 159        | 159        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 9    | 3      | 43     | 0.988     | 0         | 2.014 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 64.9 | 160        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 9    | 13     | 43     | 1.047     | 0.023     | 2.014 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 63.6 | 159        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 9    | 23     | 43     | 1.01      | 0.039     | 2.014 | 0.023     | 0.02      | 0         | 56.8 | 57.2 | 63.6 | 159        | 159        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 9    | 33     | 43     | 1.053     | 0.026     | 2.011 | 0.023     | 0.02      | 0         | 57.2 | 56.8 | 64.5 | 159        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 9    | 43     | 43     | 1.056     | 0.003     | 2.011 | 0.026     | 0.026     | 0         | 57.2 | 56.8 | 64.1 | 159        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 9    | 53     | 43     | 1.106     | -0.013    | 2.011 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 62.8 | 159        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 10   | 3      | 43     | 1.001     | -0.007    | 2.011 | 0.02      | 0.016     | 0         | 56.8 | 56.8 | 63.2 | 159        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 10   | 13     | 43     | 0.971     | 0.049     | 2.011 | 0.02      | 0.016     | 0         | 56.8 | 57.2 | 62.4 | 159        | 159        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 10   | 23     | 43     | 1.05      | -0.023    | 2.008 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 61.9 | 159        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 10   | 33     | 43     | 1.053     | 0         | 2.008 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 61.1 | 159        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 10   | 43     | 43     | 0.991     | 0.03      | 2.005 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 61.5 | 159        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 10   | 53     | 43     | 1.083     | -0.033    | 2.001 | 0.023     | 0.02      | 0         | 57.2 | 56.8 | 60.6 | 159        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 11   | 3      | 43     | 0.968     | 0.033     | 1.998 | 0.02      | 0.016     | 0         | 56.8 | 56.8 | 60.6 | 159        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 11   | 13     | 43     | 0.955     | 0.026     | 1.998 | 0.02      | 0.016     | 0         | 56.8 | 57.2 | 62.4 | 159        | 159        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 11   | 23     | 43     | 1.04      | -0.033    | 1.995 | 0.02      | 0.016     | 0         | 56.8 | 57.2 | 61.9 | 159        | 159        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 11   | 33     | 43     | 1.037     | 0         | 1.995 | 0.02      | 0.016     | 0         | 56.8 | 57.2 | 60.6 | 159        | 159        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 11   | 43     | 43     | 0.968     | 0.016     | 1.995 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 59.3 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 11   | 53     | 43     | 1.03      | 0.03      | 1.995 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 59.8 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 12   | 3      | 43     | 1.017     | 0         | 1.991 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 60.2 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 12   | 13     | 43     | 1.033     | 0.007     | 1.991 | 0.02      | 0.016     | 0         | 57.2 | 58   | 59.8 | 160        | 161        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 12   | 23     | 43     | 1.001     | -0.013    | 1.991 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 59.8 | 160        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 12   | 33     | 43     | 0.971     | 0.013     | 1.991 | 0.02      | 0.016     | 0         | 58   | 57.6 | 61.9 | 161        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 12   | 43     | 43     | 1.024     | -0.016    | 1.991 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 61.1 | 160        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 12   | 53     | 43     | 1.007     | 0         | 1.991 | 0.023     | 0.023     | 0         | 57.6 | 57.6 | 61.1 | 160        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 13   | 3      | 43     | 1.001     | 0.03      | 1.991 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 60.6 | 160        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 13   | 13     | 43     | 1.02      | 0.016     | 1.991 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 60.6 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 13   | 23     | 43     | 1.024     | 0.007     | 1.991 | 0.023     | 0.02      | 0         | 57.2 | 57.2 | 61.5 | 159        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 13   | 33     | 43     | 1.033     | 0.02      | 1.988 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 59.8 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 13   | 43     | 43     | 1.099     | 0         | 1.988 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 61.9 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 13   | 53     | 43     | 0.981     | 0.043     | 1.988 | 0.023     | 0.02      | 0         | 57.2 | 57.2 | 62.4 | 159        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 14   | 3      | 43     | 0.978     | -0.007    | 1.988 | 0.02      | 0.016     | 0         | 57.2 | 57.2 | 62.8 | 159        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 14   | 13     | 43     | 1.056     | 0.023     | 1.988 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 63.6 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 14   | 23     | 43     | 0.961     | 0         | 1.988 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 63.6 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 14   | 33     | 43     | 0.991     | 0.023     | 1.988 | 0.023     | 0.023     | 0         | 56.8 | 57.6 | 64.1 | 159        | 160        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 14   | 43     | 43     | 0.991     | -0.003    | 1.988 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 64.1 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 14   | 53     | 43     | 1.076     | 0.01      | 1.988 | 0.023     | 0.023     | 0         | 57.6 | 57.6 | 63.2 | 160        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 15   | 3      | 43     | 1.047     | 0.049     | 1.988 | 0.023     | 0.023     | 0         | 57.2 | 57.6 | 63.2 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 15   | 13     | 43     | 1.05      | 0.043     | 1.988 | 0.023     | 0.02      | 0         | 57.6 | 57.6 | 64.5 | 159        | 160        | 0          | 25     | 26     |
| 2009 | 6     | 26  | 15   | 23     | 43     | 1.047     | 0.033     | 1.985 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 61.9 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 15   | 33     | 43     | 0.971     | 0.043     | 1.985 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 64.1 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 15   | 43     | 43     | 1.014     | 0.03      | 1.985 | 0.026     | 0.023     | 0         | 57.2 | 57.6 | 63.2 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 15   | 53     | 43     | 1.056     | 0.02      | 1.985 | 0.02      | 0.016     | 0         | 57.2 | 57.2 | 63.2 | 159        | 160        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 26  | 16   | 3      | 43     | 0.991     | 0.036     | 1.985 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 63.2 | 159        | 160        | 0          | 25     | 26     |
| 2009 | 6     | 26  | 16   | 13     | 43     | 0.984     | 0.013     | 1.982 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 62.4 | 160        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 16   | 23     | 43     | 1.01      | -0.003    | 1.985 | 0.02      | 0.016     | 0         | 57.2 | 57.2 | 62.4 | 159        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 16   | 33     | 43     | 1.027     | 0         | 1.982 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 61.1 | 160        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 16   | 43     | 43     | 1.043     | 0.036     | 1.982 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 58.5 | 160        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 16   | 53     | 43     | 1.07      | 0.026     | 1.982 | 0.023     | 0.02      | 0         | 57.6 | 57.2 | 61.1 | 160        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 17   | 3      | 43     | 1.001     | 0.026     | 1.982 | 0.02      | 0.016     | 0         | 57.6 | 58   | 61.9 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 17   | 13     | 43     | 1.007     | 0.007     | 1.982 | 0.023     | 0.02      | 0         | 57.6 | 57.6 | 61.5 | 160        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 17   | 23     | 43     | 1.02      | 0.03      | 1.982 | 0.02      | 0.016     | 0         | 57.6 | 58   | 62.4 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 17   | 33     | 43     | 1.01      | 0.013     | 1.982 | 0.02      | 0.016     | 0         | 57.6 | 58   | 63.2 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 17   | 43     | 43     | 1.043     | -0.01     | 1.982 | 0.026     | 0.023     | 0         | 57.6 | 57.6 | 61.9 | 160        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 17   | 53     | 43     | 1.02      | 0.003     | 1.982 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 61.9 | 160        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 18   | 3      | 43     | 0.974     | -0.033    | 1.982 | 0.02      | 0.016     | 0         | 57.6 | 58   | 61.9 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 18   | 13     | 43     | 1.05      | 0.036     | 1.982 | 0.02      | 0.016     | 0         | 57.2 | 57.2 | 62.4 | 159        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 18   | 23     | 43     | 0.991     | 0.013     | 1.982 | 0.02      | 0.016     | 0         | 58.5 | 58   | 62.4 | 162        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 18   | 33     | 43     | 0.938     | 0.043     | 1.982 | 0.023     | 0.02      | 0         | 58.5 | 58   | 63.6 | 162        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 18   | 43     | 43     | 1.053     | 0.013     | 1.982 | 0.02      | 0.016     | 0         | 58.5 | 57.6 | 63.6 | 162        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 18   | 53     | 43     | 0.988     | -0.036    | 1.982 | 0.023     | 0.02      | 0         | 58.5 | 58   | 63.2 | 162        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 19   | 3      | 43     | 1.014     | 0         | 1.982 | 0.026     | 0.023     | 0         | 58.5 | 58   | 62.8 | 162        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 19   | 13     | 43     | 1.014     | 0.003     | 1.978 | 0.023     | 0.02      | 0         | 58.5 | 58   | 63.6 | 162        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 19   | 23     | 43     | 0.994     | 0         | 1.982 | 0.023     | 0.02      | 0         | 58.9 | 58   | 63.2 | 163        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 19   | 33     | 43     | 1.047     | 0.03      | 1.982 | 0.023     | 0.023     | 0         | 58.5 | 58   | 62.4 | 162        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 19   | 43     | 43     | 1.014     | 0.02      | 1.982 | 0.026     | 0.026     | 0         | 58.5 | 58   | 63.6 | 162        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 19   | 53     | 43     | 1.089     | 0.036     | 1.982 | 0.023     | 0.02      | 0         | 58.5 | 57.6 | 64.1 | 162        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 20   | 3      | 43     | 0.997     | -0.003    | 1.982 | 0.02      | 0.016     | 0         | 58.5 | 58   | 63.2 | 162        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 20   | 13     | 43     | 0.988     | -0.026    | 1.982 | 0.02      | 0.016     | 0         | 58.9 | 58   | 63.6 | 163        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 20   | 23     | 43     | 1.007     | 0.026     | 1.982 | 0.023     | 0.02      | 0         | 58.5 | 58   | 64.1 | 162        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 20   | 33     | 43     | 1.056     | -0.01     | 1.982 | 0.023     | 0.02      | 0         | 58.5 | 57.6 | 63.6 | 162        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 20   | 43     | 43     | 1.04      | 0.003     | 1.982 | 0.023     | 0.02      | 0         | 58.5 | 58   | 63.2 | 162        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 20   | 53     | 43     | 1.066     | 0.003     | 1.982 | 0.026     | 0.023     | 0         | 58.5 | 58   | 63.2 | 162        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 21   | 3      | 43     | 0.958     | 0.016     | 1.982 | 0.023     | 0.02      | 0         | 58   | 57.6 | 64.1 | 162        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 21   | 13     | 43     | 0.951     | 0.033     | 1.982 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 64.1 | 161        | 160        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 21   | 23     | 43     | 0.991     | 0.036     | 1.982 | 0.03      | 0.026     | 0         | 58   | 57.2 | 63.6 | 161        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 21   | 33     | 43     | 1.001     | -0.016    | 1.982 | 0.02      | 0.016     | 0         | 58.5 | 57.6 | 63.6 | 162        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 21   | 43     | 43     | 0.978     | 0.016     | 1.982 | 0.02      | 0.016     | 0         | 58   | 57.2 | 63.6 | 161        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 21   | 53     | 43     | 0.988     | 0.036     | 1.982 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 64.1 | 161        | 160        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 22   | 3      | 43     | 1.027     | -0.007    | 1.982 | 0.02      | 0.016     | 0         | 58.5 | 58   | 64.5 | 162        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 22   | 13     | 43     | 1.076     | -0.049    | 1.982 | 0.026     | 0.023     | 0         | 58   | 57.2 | 64.1 | 161        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 22   | 23     | 43     | 1.014     | 0.013     | 1.982 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 64.1 | 161        | 160        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 22   | 33     | 43     | 1.053     | 0.023     | 1.982 | 0.023     | 0.02      | 0         | 58   | 57.6 | 64.9 | 161        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 22   | 43     | 43     | 1.024     | -0.003    | 1.982 | 0.023     | 0.023     | 0         | 57.2 | 57.2 | 64.1 | 160        | 159        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 22   | 53     | 43     | 1.024     | 0.052     | 1.982 | 0.02      | 0.016     | 0         | 57.6 | 56.3 | 62.8 | 160        | 159        | 0          | 26     | 28     |
| 2009 | 6     | 26  | 23   | 3      | 43     | 1.03      | 0         | 1.982 | 0.02      | 0.016     | 0         | 58   | 57.6 | 64.1 | 161        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 23   | 13     | 43     | 1.014     | 0.007     | 1.982 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 64.5 | 160        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 23   | 23     | 43     | 1.014     | 0         | 1.982 | 0.023     | 0.023     | 0         | 57.2 | 56.8 | 63.6 | 160        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 23   | 33     | 43     | 1.027     | -0.033    | 1.982 | 0.02      | 0.016     | 0         | 57.6 | 56.8 | 64.1 | 160        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 23   | 43     | 43     | 1.03      | 0.016     | 1.982 | 0.02      | 0.016     | 0         | 56.8 | 56.8 | 64.9 | 159        | 158        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 23   | 53     | 43     | 0.958     | -0.036    | 1.982 | 0.026     | 0.023     | 0         | 57.2 | 56.8 | 64.1 | 159        | 159        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 27  | 0    | 3      | 43     | 1.001     | -0.01     | 1.982 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 64.1 | 159        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 0    | 13     | 43     | 0.965     | 0.007     | 1.982 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 63.6 | 159        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 0    | 23     | 43     | 0.958     | 0.013     | 1.982 | 0.023     | 0.02      | 0         | 57.2 | 56.3 | 63.2 | 159        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 0    | 33     | 43     | 0.971     | 0.043     | 1.982 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 64.1 | 160        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 0    | 43     | 43     | 0.935     | -0.013    | 1.982 | 0.023     | 0.02      | 0         | 56.8 | 56.8 | 64.5 | 159        | 158        | 0          | 27     | 26     |
| 2009 | 6     | 27  | 0    | 53     | 43     | 0.994     | 0.046     | 1.982 | 0.02      | 0.016     | 0         | 56.8 | 55.9 | 64.9 | 158        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 1    | 3      | 43     | 0.951     | -0.016    | 1.982 | 0.023     | 0.02      | 0         | 56.8 | 56.3 | 64.1 | 158        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 1    | 13     | 43     | 1.01      | 0.03      | 1.985 | 0.02      | 0.016     | 0         | 56.3 | 56.3 | 64.9 | 158        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 27  | 1    | 23     | 43     | 0.945     | 0.056     | 1.982 | 0.02      | 0.016     | 0         | 56.3 | 56.8 | 64.5 | 157        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 1    | 33     | 43     | 1.007     | -0.056    | 1.985 | 0.02      | 0.016     | 0         | 56.3 | 56.3 | 64.5 | 157        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 1    | 43     | 43     | 1.037     | -0.026    | 1.985 | 0.02      | 0.016     | 0         | 55.5 | 56.3 | 64.5 | 156        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 27  | 1    | 53     | 43     | 0.938     | 0.049     | 1.985 | 0.02      | 0.016     | 0         | 55.9 | 55.9 | 62.8 | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 2    | 3      | 43     | 1.027     | 0.02      | 1.985 | 0.02      | 0.016     | 0         | 55.5 | 55.5 | 64.1 | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 2    | 13     | 43     | 1.001     | -0.003    | 1.985 | 0.023     | 0.02      | 0         | 55.9 | 55.5 | 64.1 | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 2    | 23     | 43     | 1.017     | 0.01      | 1.985 | 0.02      | 0.016     | 0         | 55.5 | 56.3 | 63.2 | 155        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 2    | 33     | 43     | 1.05      | 0         | 1.985 | 0.023     | 0.02      | 0         | 55.9 | 55.9 | 64.1 | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 2    | 43     | 43     | 1.03      | 0.016     | 1.985 | 0.02      | 0.016     | 0         | 55   | 56.3 | 64.1 | 155        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 27  | 2    | 53     | 43     | 1.047     | 0.059     | 1.985 | 0.023     | 0.02      | 0         | 55.9 | 55.9 | 64.1 | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 3    | 3      | 43     | 0.942     | 0.003     | 1.985 | 0.026     | 0.023     | 0         | 55.5 | 55.9 | 63.6 | 156        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 3    | 13     | 43     | 1.027     | -0.01     | 1.985 | 0.02      | 0.016     | 0         | 55   | 56.3 | 62.8 | 155        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 27  | 3    | 23     | 43     | 1.063     | 0.013     | 1.985 | 0.02      | 0.016     | 0         | 55.5 | 55.9 | 56.3 | 156        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 3    | 33     | 43     | 0.935     | 0         | 1.985 | 0.02      | 0.016     | 0         | 55.5 | 55.9 | 61.5 | 156        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 3    | 43     | 43     | 1.05      | -0.049    | 1.985 | 0.02      | 0.016     | 0         | 55.5 | 55.5 | 62.8 | 155        | 157        | 0          | 26     | 28     |
| 2009 | 6     | 27  | 3    | 53     | 43     | 1.02      | -0.023    | 1.988 | 0.02      | 0.016     | 0         | 55.5 | 55.9 | 61.9 | 156        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 4    | 3      | 43     | 1.004     | 0.043     | 1.988 | 0.02      | 0.016     | 0         | 55.5 | 55.9 | 61.9 | 156        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 4    | 13     | 43     | 0.965     | -0.023    | 1.988 | 0.02      | 0.016     | 0         | 55.5 | 55.9 | 61.1 | 156        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 4    | 23     | 43     | 1.043     | 0.02      | 1.988 | 0.02      | 0.016     | 0         | 55.5 | 56.3 | 61.1 | 156        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 27  | 4    | 33     | 43     | 1.033     | 0.013     | 1.988 | 0.023     | 0.02      | 0         | 55.5 | 55.9 | 61.1 | 156        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 4    | 43     | 43     | 0.942     | -0.02     | 1.988 | 0.023     | 0.02      | 0         | 56.3 | 55.9 | 61.9 | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 4    | 53     | 43     | 1.01      | -0.016    | 1.991 | 0.02      | 0.016     | 0         | 56.8 | 55.9 | 61.9 | 158        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 5    | 3      | 43     | 1.033     | -0.003    | 1.991 | 0.02      | 0.016     | 0         | 56.8 | 56.3 | 61.1 | 159        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 5    | 13     | 43     | 0.991     | -0.016    | 1.991 | 0.023     | 0.02      | 0         | 56.8 | 56.8 | 61.1 | 159        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 5    | 23     | 43     | 1.076     | -0.023    | 1.991 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 61.1 | 159        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 5    | 33     | 43     | 1.001     | -0.01     | 1.991 | 0.02      | 0.016     | 0         | 56.8 | 56.8 | 59.8 | 159        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 5    | 43     | 43     | 1.047     | 0.026     | 1.991 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 60.2 | 160        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 5    | 53     | 43     | 1.004     | 0.02      | 1.998 | 0.02      | 0.016     | 0         | 56.8 | 56.8 | 60.6 | 159        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 6    | 3      | 43     | 1.033     | -0.052    | 1.998 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 61.5 | 159        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 6    | 13     | 43     | 1.014     | 0.039     | 1.998 | 0.023     | 0.02      | 0         | 56.8 | 56.8 | 60.6 | 159        | 158        | 0          | 27     | 26     |
| 2009 | 6     | 27  | 6    | 23     | 43     | 0.974     | -0.016    | 2.001 | 0.02      | 0.016     | 0         | 56.8 | 56.3 | 60.6 | 159        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 6    | 33     | 43     | 0.997     | 0         | 2.001 | 0.023     | 0.02      | 0         | 56.8 | 56.3 | 60.6 | 159        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 6    | 43     | 43     | 1.033     | 0         | 2.001 | 0.026     | 0.026     | 0         | 56.3 | 56.3 | 60.6 | 158        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 6    | 53     | 43     | 0.994     | 0.013     | 2.001 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 60.6 | 159        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 7    | 3      | 43     | 0.991     | 0.007     | 2.001 | 0.023     | 0.02      | 0         | 56.3 | 56.8 | 60.6 | 158        | 158        | 0          | 27     | 26     |
| 2009 | 6     | 27  | 7    | 13     | 43     | 1.02      | 0.049     | 2.001 | 0.02      | 0.016     | 0         | 56.3 | 56.3 | 55.9 | 158        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 7    | 23     | 43     | 1.02      | 0.003     | 2.001 | 0.02      | 0.016     | 0         | 56.8 | 56.3 | 53.8 | 159        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 7    | 33     | 43     | 0.991     | -0.016    | 2.001 | 0.02      | 0.016     | 0         | 56.3 | 56.8 | 57.2 | 158        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 7    | 43     | 43     | 0.965     | 0.016     | 2.001 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 54.6 | 159        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 7    | 53     | 43     | 1.01      | -0.01     | 1.998 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 52   | 159        | 159        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 27  | 8    | 3      | 43     | 1.043     | -0.036    | 2.001 | 0.023     | 0.02      | 0         | 56.8 | 56.8 | 53.3 | 159        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 8    | 13     | 43     | 0.912     | 0.016     | 1.998 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 53.8 | 159        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 8    | 23     | 43     | 1.01      | 0.036     | 1.998 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 53.8 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 8    | 33     | 43     | 0.951     | 0         | 1.998 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 53.3 | 159        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 8    | 43     | 43     | 0.965     | -0.013    | 1.998 | 0.026     | 0.023     | 0         | 56.8 | 56.8 | 54.2 | 159        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 8    | 53     | 43     | 1.007     | -0.026    | 1.998 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 53.8 | 160        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 9    | 3      | 43     | 1.004     | -0.007    | 1.995 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 51.2 | 160        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 9    | 13     | 43     | 0.955     | 0.059     | 1.995 | 0.02      | 0.016     | 0         | 56.8 | 57.2 | 51.2 | 159        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 9    | 23     | 43     | 1.014     | 0         | 1.995 | 0.02      | 0.016     | 0         | 56.8 | 56.8 | 50.3 | 159        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 9    | 33     | 43     | 1.014     | 0.016     | 1.995 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 45.2 | 160        | 160        | 0          | 27     | 26     |
| 2009 | 6     | 27  | 9    | 43     | 43     | 0.997     | 0         | 1.995 | 0.02      | 0.016     | 0         | 56.8 | 57.2 | 45.2 | 159        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 9    | 53     | 43     | 0.978     | -0.056    | 1.995 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 49   | 160        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 10   | 3      | 43     | 1.017     | 0         | 1.991 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 47.3 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 10   | 13     | 43     | 1.047     | -0.01     | 1.991 | 0.03      | 0.026     | 0         | 57.2 | 57.6 | 49.9 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 10   | 23     | 43     | 0.994     | 0         | 1.995 | 0.02      | 0.016     | 0         | 57.2 | 57.2 | 47.3 | 159        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 10   | 33     | 43     | 1.05      | 0.013     | 1.988 | 0.02      | 0.016     | 0         | 57.2 | 57.2 | 49.9 | 159        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 10   | 43     | 43     | 0.965     | 0         | 1.988 | 0.023     | 0.023     | 0         | 56.8 | 57.2 | 53.8 | 159        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 10   | 53     | 43     | 1.007     | -0.003    | 1.988 | 0.02      | 0.016     | 0         | 57.2 | 57.2 | 54.2 | 159        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 11   | 3      | 43     | 1.001     | 0.016     | 1.988 | 0.023     | 0.02      | 0         | 57.2 | 57.2 | 60.2 | 159        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 11   | 13     | 43     | 1.01      | 0         | 1.988 | 0.02      | 0.016     | 0         | 56.8 | 57.6 | 58.9 | 159        | 160        | 0          | 27     | 26     |
| 2009 | 6     | 27  | 11   | 23     | 43     | 0.971     | 0.003     | 1.988 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 57.6 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 11   | 33     | 43     | 1.083     | -0.007    | 1.988 | 0.02      | 0.016     | 0         | 56.8 | 57.6 | 61.5 | 159        | 160        | 0          | 27     | 26     |
| 2009 | 6     | 27  | 11   | 43     | 43     | 1.01      | 0.03      | 1.988 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 57.2 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 11   | 53     | 43     | 0.974     | 0.049     | 1.988 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 61.9 | 160        | 161        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 12   | 3      | 43     | 0.968     | 0.007     | 1.988 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 62.4 | 160        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 12   | 13     | 43     | 1.004     | -0.013    | 1.988 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 64.1 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 12   | 23     | 43     | 0.942     | 0.023     | 1.988 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 63.6 | 159        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 12   | 33     | 43     | 0.951     | 0         | 1.988 | 0.02      | 0.016     | 0         | 57.2 | 58   | 63.2 | 160        | 161        | 0          | 27     | 26     |
| 2009 | 6     | 27  | 12   | 43     | 43     | 0.938     | -0.03     | 1.988 | 0.02      | 0.016     | 0         | 57.6 | 58   | 63.6 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 12   | 53     | 43     | 1.007     | 0.02      | 1.988 | 0.02      | 0.016     | 0         | 57.6 | 58   | 62.8 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 13   | 3      | 43     | 1.037     | -0.036    | 1.988 | 0.02      | 0.016     | 0         | 58   | 58   | 62.4 | 161        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 13   | 13     | 43     | 1.007     | 0.026     | 1.991 | 0.023     | 0.02      | 0         | 57.6 | 58   | 58.5 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 13   | 23     | 43     | 1.02      | 0.03      | 1.988 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 61.1 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 13   | 33     | 43     | 1.007     | -0.03     | 1.988 | 0.02      | 0.016     | 0         | 57.6 | 58.5 | 61.9 | 160        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 13   | 43     | 43     | 0.994     | 0         | 1.991 | 0.02      | 0.016     | 0         | 57.6 | 58   | 62.4 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 13   | 53     | 43     | 0.994     | -0.003    | 1.991 | 0.023     | 0.023     | 0         | 57.6 | 58   | 62.4 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 14   | 3      | 43     | 0.997     | 0.049     | 1.991 | 0.02      | 0.016     | 0         | 57.6 | 58   | 62.8 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 14   | 13     | 43     | 1.01      | 0.003     | 1.988 | 0.023     | 0.02      | 0         | 57.2 | 58   | 59.8 | 159        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 14   | 23     | 43     | 1.004     | 0.049     | 1.988 | 0.026     | 0.023     | 0         | 57.6 | 58   | 64.5 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 14   | 33     | 43     | 1.056     | 0.072     | 1.988 | 0.023     | 0.02      | 0         | 57.6 | 58   | 63.6 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 14   | 43     | 43     | 0.991     | 0.013     | 1.988 | 0.02      | 0.016     | 0         | 58   | 58   | 63.2 | 160        | 161        | 0          | 25     | 26     |
| 2009 | 6     | 27  | 14   | 53     | 43     | 0.997     | 0.013     | 1.988 | 0.02      | 0.016     | 0         | 57.6 | 58.5 | 62.4 | 160        | 161        | 0          | 26     | 25     |
| 2009 | 6     | 27  | 15   | 3      | 43     | 0.965     | 0         | 1.988 | 0.02      | 0.016     | 0         | 57.2 | 58   | 48.6 | 159        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 15   | 13     | 43     | 1.053     | 0         | 1.985 | 0.02      | 0.016     | 0         | 57.6 | 58   | 41.3 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 15   | 23     | 43     | 1.109     | -0.013    | 1.988 | 0.02      | 0.016     | 0         | 57.6 | 58   | 55.9 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 15   | 33     | 43     | 0.994     | 0.023     | 1.988 | 0.026     | 0.026     | 0         | 58   | 57.6 | 61.5 | 160        | 161        | 0          | 25     | 27     |
| 2009 | 6     | 27  | 15   | 43     | 43     | 1.05      | 0.013     | 1.988 | 0.02      | 0.016     | 0         | 57.6 | 58   | 63.2 | 159        | 161        | 0          | 25     | 26     |
| 2009 | 6     | 27  | 15   | 53     | 43     | 0.984     | 0.03      | 1.988 | 0.02      | 0.016     | 0         | 57.6 | 58.5 | 62.8 | 160        | 161        | 0          | 26     | 25     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 27  | 16   | 3      | 43     | 0.961     | 0.016     | 1.988 | 0.023     | 0.02      | 0         | 57.6 | 57.6 | 64.1 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 16   | 13     | 43     | 0.978     | 0.039     | 1.988 | 0.02      | 0.016     | 0         | 57.2 | 58   | 62.4 | 159        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 16   | 23     | 43     | 0.997     | -0.033    | 1.988 | 0.023     | 0.02      | 0         | 57.2 | 58   | 63.2 | 159        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 16   | 33     | 43     | 1.014     | 0         | 1.988 | 0.023     | 0.02      | 0         | 57.2 | 58   | 64.1 | 159        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 16   | 43     | 43     | 1.004     | 0.007     | 1.988 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 63.6 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 16   | 53     | 43     | 0.981     | 0.033     | 1.988 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 63.2 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 17   | 3      | 43     | 1.024     | 0.026     | 1.988 | 0.023     | 0.023     | 0         | 57.2 | 57.6 | 63.6 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 17   | 13     | 43     | 1.027     | -0.013    | 1.988 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 62.4 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 17   | 23     | 43     | 0.988     | 0.007     | 1.988 | 0.023     | 0.02      | 0         | 56.8 | 57.6 | 63.6 | 158        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 17   | 33     | 43     | 0.991     | 0.02      | 1.988 | 0.023     | 0.02      | 0         | 57.2 | 58   | 64.5 | 159        | 160        | 0          | 26     | 25     |
| 2009 | 6     | 27  | 17   | 43     | 43     | 1.024     | 0.066     | 1.988 | 0.023     | 0.02      | 0         | 57.6 | 57.6 | 64.1 | 159        | 160        | 0          | 25     | 26     |
| 2009 | 6     | 27  | 17   | 53     | 43     | 1.037     | 0.016     | 1.988 | 0.023     | 0.02      | 0         | 57.2 | 57.2 | 63.2 | 159        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 18   | 3      | 43     | 0.991     | 0.033     | 1.988 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 62.4 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 18   | 13     | 43     | 0.981     | 0.043     | 1.988 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 64.1 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 18   | 23     | 43     | 1.014     | -0.013    | 1.988 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 64.5 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 18   | 33     | 43     | 1.001     | 0.03      | 1.988 | 0.023     | 0.02      | 0         | 56.8 | 57.6 | 64.5 | 158        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 18   | 43     | 43     | 0.984     | 0.02      | 1.988 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 64.1 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 18   | 53     | 43     | 1.033     | -0.003    | 1.988 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 64.9 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 19   | 3      | 43     | 1.02      | 0.046     | 1.988 | 0.02      | 0.016     | 0         | 56.8 | 57.2 | 64.9 | 158        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 19   | 13     | 43     | 0.994     | -0.003    | 1.988 | 0.016     | 0.016     | 0         | 58.5 | 57.2 | 63.6 | 162        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 19   | 23     | 43     | 1.001     | -0.003    | 1.988 | 0.02      | 0.016     | 0         | 58.9 | 57.2 | 64.5 | 162        | 159        | 0          | 25     | 26     |
| 2009 | 6     | 27  | 19   | 33     | 43     | 0.971     | 0.026     | 1.988 | 0.023     | 0.02      | 0         | 58.5 | 57.6 | 63.6 | 162        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 19   | 43     | 43     | 1.047     | 0.062     | 1.988 | 0.02      | 0.016     | 0         | 58   | 57.6 | 63.6 | 161        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 19   | 53     | 43     | 0.978     | 0.03      | 1.988 | 0.026     | 0.023     | 0         | 58   | 57.6 | 63.6 | 162        | 160        | 0          | 27     | 26     |
| 2009 | 6     | 27  | 20   | 3      | 43     | 1.066     | 0.013     | 1.988 | 0.02      | 0.016     | 0         | 58   | 57.6 | 64.1 | 161        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 20   | 13     | 43     | 1.047     | -0.02     | 1.988 | 0.02      | 0.016     | 0         | 58.5 | 58   | 63.2 | 162        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 20   | 23     | 43     | 1.05      | -0.059    | 1.988 | 0.023     | 0.023     | 0         | 58   | 57.6 | 63.2 | 161        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 20   | 33     | 43     | 1.02      | 0.01      | 1.988 | 0.023     | 0.02      | 0         | 57.6 | 57.2 | 63.2 | 160        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 20   | 43     | 43     | 1.056     | -0.003    | 1.988 | 0.02      | 0.016     | 0         | 58   | 57.6 | 63.2 | 161        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 20   | 53     | 43     | 1.05      | -0.023    | 1.988 | 0.023     | 0.02      | 0         | 58   | 57.2 | 63.2 | 161        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 21   | 3      | 43     | 1.014     | 0.043     | 1.991 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 62.8 | 160        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 21   | 13     | 43     | 1.017     | 0         | 1.991 | 0.02      | 0.016     | 0         | 57.6 | 56.8 | 62.8 | 160        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 21   | 23     | 43     | 1.03      | 0         | 1.991 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 63.2 | 160        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 21   | 33     | 43     | 1.03      | 0.026     | 1.991 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 62.8 | 160        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 21   | 43     | 43     | 1.037     | 0.026     | 1.991 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 62.4 | 160        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 21   | 53     | 43     | 0.984     | 0.046     | 1.991 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 61.9 | 160        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 22   | 3      | 43     | 1.063     | -0.007    | 1.991 | 0.02      | 0.016     | 0         | 56.8 | 56.8 | 60.6 | 159        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 22   | 13     | 43     | 0.994     | 0.059     | 1.995 | 0.023     | 0.02      | 0         | 57.2 | 56.8 | 61.9 | 159        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 22   | 23     | 43     | 0.997     | 0.03      | 1.995 | 0.02      | 0.016     | 0         | 57.2 | 57.2 | 60.6 | 159        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 22   | 33     | 43     | 0.984     | 0.023     | 1.995 | 0.02      | 0.016     | 0         | 56.8 | 57.2 | 60.6 | 159        | 159        | 0          | 27     | 26     |
| 2009 | 6     | 27  | 22   | 43     | 43     | 1.056     | -0.003    | 1.998 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 61.1 | 159        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 22   | 53     | 43     | 1.03      | -0.016    | 1.998 | 0.02      | 0.016     | 0         | 56.8 | 56.8 | 61.1 | 159        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 23   | 3      | 43     | 0.991     | 0.02      | 2.005 | 0.02      | 0.016     | 0         | 56.8 | 56.8 | 61.1 | 158        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 23   | 13     | 43     | 0.951     | 0.039     | 2.005 | 0.02      | 0.016     | 0         | 56.8 | 57.2 | 61.9 | 159        | 159        | 0          | 27     | 26     |
| 2009 | 6     | 27  | 23   | 23     | 43     | 0.965     | 0.03      | 2.008 | 0.02      | 0.016     | 0         | 56.8 | 57.2 | 60.6 | 159        | 159        | 0          | 27     | 26     |
| 2009 | 6     | 27  | 23   | 33     | 43     | 0.955     | 0.03      | 2.008 | 0.02      | 0.016     | 0         | 57.2 | 57.2 | 61.9 | 159        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 23   | 43     | 43     | 0.984     | 0.03      | 2.008 | 0.023     | 0.02      | 0         | 56.8 | 56.8 | 61.9 | 158        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 23   | 53     | 43     | 1.001     | 0.003     | 2.008 | 0.02      | 0.016     | 0         | 56.3 | 56.3 | 62.8 | 158        | 158        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 28  | 0    | 3      | 43     | 0.968     | 0.046     | 2.011 | 0.023     | 0.02      | 0         | 56.8 | 56.8 | 62.8 | 159        | 158        | 0          | 27     | 26     |
| 2009 | 6     | 28  | 0    | 13     | 43     | 0.997     | 0.01      | 2.011 | 0.02      | 0.016     | 0         | 56.3 | 56.8 | 62.8 | 158        | 158        | 0          | 27     | 26     |
| 2009 | 6     | 28  | 0    | 23     | 43     | 0.978     | 0.023     | 2.011 | 0.02      | 0.016     | 0         | 56.8 | 56.8 | 62.8 | 158        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 0    | 33     | 43     | 0.997     | 0.013     | 2.011 | 0.02      | 0.016     | 0         | 56.3 | 56.8 | 64.1 | 158        | 158        | 0          | 27     | 26     |
| 2009 | 6     | 28  | 0    | 43     | 43     | 1.004     | 0.043     | 2.014 | 0.02      | 0.016     | 0         | 56.3 | 56.3 | 63.6 | 157        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 0    | 53     | 43     | 0.955     | 0.056     | 2.014 | 0.02      | 0.016     | 0         | 56.3 | 56.3 | 64.5 | 158        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 28  | 1    | 3      | 43     | 0.935     | -0.003    | 2.014 | 0.02      | 0.016     | 0         | 56.8 | 56.3 | 64.9 | 158        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 1    | 13     | 43     | 1.01      | 0.026     | 2.014 | 0.02      | 0.016     | 0         | 56.3 | 56.3 | 65.4 | 158        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 28  | 1    | 23     | 43     | 1.007     | 0.089     | 2.014 | 0.02      | 0.016     | 0         | 56.3 | 55.9 | 64.9 | 158        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 28  | 1    | 33     | 43     | 0.968     | 0.013     | 2.018 | 0.02      | 0.016     | 0         | 56.3 | 55.9 | 65.8 | 158        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 28  | 1    | 43     | 43     | 0.915     | -0.003    | 2.018 | 0.02      | 0.016     | 0         | 56.3 | 56.8 | 64.1 | 158        | 158        | 0          | 27     | 26     |
| 2009 | 6     | 28  | 1    | 53     | 43     | 1.001     | -0.003    | 2.018 | 0.02      | 0.016     | 0         | 56.8 | 55.9 | 65.4 | 158        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 2    | 3      | 43     | 1.033     | 0.003     | 2.018 | 0.023     | 0.02      | 0         | 56.3 | 55.9 | 65.4 | 158        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 28  | 2    | 13     | 43     | 0.984     | 0.046     | 2.018 | 0.023     | 0.023     | 0         | 56.8 | 56.3 | 64.9 | 158        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 2    | 23     | 43     | 1.027     | 0.023     | 2.018 | 0.02      | 0.016     | 0         | 56.3 | 55.9 | 64.5 | 158        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 28  | 2    | 33     | 43     | 0.919     | 0.072     | 2.018 | 0.02      | 0.016     | 0         | 56.3 | 56.3 | 64.5 | 158        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 28  | 2    | 43     | 43     | 0.961     | 0.039     | 2.018 | 0.023     | 0.02      | 0         | 56.3 | 56.3 | 64.9 | 158        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 28  | 2    | 53     | 43     | 0.981     | 0.007     | 2.018 | 0.02      | 0.016     | 0         | 56.3 | 56.3 | 64.9 | 158        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 28  | 3    | 3      | 43     | 0.994     | 0.046     | 2.018 | 0.02      | 0.016     | 0         | 56.3 | 55.9 | 64.9 | 158        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 28  | 3    | 13     | 43     | 1.007     | 0.046     | 2.018 | 0.02      | 0.016     | 0         | 56.3 | 55.9 | 63.6 | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 3    | 23     | 43     | 1.056     | 0.003     | 2.018 | 0.02      | 0.016     | 0         | 56.8 | 56.3 | 62.4 | 158        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 3    | 33     | 43     | 1.033     | 0.046     | 2.021 | 0.02      | 0.016     | 0         | 55.9 | 55.9 | 64.1 | 157        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 28  | 3    | 43     | 43     | 0.978     | 0.023     | 2.021 | 0.02      | 0.016     | 0         | 56.8 | 56.3 | 64.1 | 158        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 3    | 53     | 43     | 1.004     | 0.016     | 2.021 | 0.023     | 0.02      | 0         | 56.8 | 56.8 | 62.8 | 158        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 4    | 3      | 43     | 1.01      | 0.02      | 2.021 | 0.02      | 0.016     | 0         | 56.8 | 55.9 | 62.4 | 158        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 4    | 13     | 43     | 0.984     | 0.026     | 2.021 | 0.02      | 0.016     | 0         | 56.3 | 56.3 | 64.5 | 158        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 28  | 4    | 23     | 43     | 0.961     | 0.016     | 2.021 | 0.02      | 0.016     | 0         | 56.3 | 56.3 | 61.5 | 158        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 28  | 4    | 33     | 43     | 1.037     | 0.056     | 2.021 | 0.02      | 0.016     | 0         | 56.3 | 56.8 | 62.4 | 158        | 158        | 0          | 27     | 26     |
| 2009 | 6     | 28  | 4    | 43     | 43     | 0.981     | 0.049     | 2.021 | 0.02      | 0.016     | 0         | 56.3 | 56.3 | 59.3 | 158        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 28  | 4    | 53     | 43     | 0.955     | 0.059     | 2.021 | 0.016     | 0.016     | 0         | 56.8 | 57.2 | 60.6 | 158        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 5    | 3      | 43     | 0.942     | 0.02      | 2.021 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 59.8 | 159        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 5    | 13     | 43     | 0.938     | 0.075     | 2.021 | 0.02      | 0.016     | 0         | 57.2 | 57.2 | 63.2 | 159        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 5    | 23     | 43     | 0.974     | 0.046     | 2.021 | 0.023     | 0.02      | 0         | 56.8 | 57.2 | 58   | 159        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 28  | 5    | 33     | 43     | 0.994     | 0.049     | 2.021 | 0.02      | 0.016     | 0         | 57.2 | 57.2 | 60.2 | 159        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 5    | 43     | 43     | 1.03      | 0.043     | 2.021 | 0.023     | 0.02      | 0         | 57.6 | 56.8 | 57.2 | 160        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 5    | 53     | 43     | 0.997     | 0.056     | 2.021 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 59.3 | 159        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 6    | 3      | 43     | 1.014     | 0.013     | 2.024 | 0.023     | 0.02      | 0         | 57.6 | 56.8 | 58.9 | 160        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 6    | 13     | 43     | 0.958     | 0.013     | 2.024 | 0.02      | 0.016     | 0         | 57.2 | 57.2 | 60.2 | 159        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 6    | 23     | 43     | 0.994     | 0         | 2.024 | 0.02      | 0.016     | 0         | 56.8 | 56.8 | 55.9 | 159        | 158        | 0          | 27     | 26     |
| 2009 | 6     | 28  | 6    | 33     | 43     | 1.02      | 0         | 2.024 | 0.026     | 0.023     | 0         | 57.2 | 56.3 | 57.6 | 159        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 6    | 43     | 43     | 1.007     | 0.046     | 2.024 | 0.02      | 0.016     | 0         | 56.8 | 56.8 | 57.6 | 159        | 158        | 0          | 27     | 26     |
| 2009 | 6     | 28  | 6    | 53     | 43     | 0.994     | 0.023     | 2.024 | 0.02      | 0.016     | 0         | 56.3 | 56.3 | 58.9 | 158        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 28  | 7    | 3      | 43     | 0.958     | 0.02      | 2.024 | 0.023     | 0.02      | 0         | 56.8 | 56.3 | 56.3 | 159        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 28  | 7    | 13     | 43     | 1.001     | 0.026     | 2.024 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 56.8 | 159        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 7    | 23     | 43     | 0.971     | 0.049     | 2.024 | 0.02      | 0.016     | 0         | 56.3 | 56.3 | 58.9 | 158        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 28  | 7    | 33     | 43     | 0.981     | 0.046     | 2.024 | 0.02      | 0.016     | 0         | 56.8 | 56.8 | 56.3 | 159        | 158        | 0          | 27     | 26     |
| 2009 | 6     | 28  | 7    | 43     | 43     | 1.047     | 0         | 2.024 | 0.02      | 0.016     | 0         | 56.8 | 56.8 | 50.7 | 159        | 158        | 0          | 27     | 26     |
| 2009 | 6     | 28  | 7    | 53     | 43     | 0.997     | 0.036     | 2.024 | 0.02      | 0.016     | 0         | 56.8 | 56.3 | 61.1 | 159        | 158        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 28  | 8    | 3      | 43     | 1.001     | 0.03      | 2.024 | 0.026     | 0.023     | 0         | 56.8 | 56.8 | 61.1 | 159        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 28  | 8    | 13     | 43     | 0.997     | -0.01     | 2.024 | 0.02      | 0.016     | 0         | 56.8 | 57.2 | 61.9 | 159        | 159        | 0          | 27     | 26     |
| 2009 | 6     | 28  | 8    | 23     | 43     | 1.001     | 0.059     | 2.024 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 63.2 | 159        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 8    | 33     | 43     | 1.017     | -0.013    | 2.024 | 0.023     | 0.02      | 0         | 57.2 | 56.8 | 63.2 | 159        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 8    | 43     | 43     | 1.024     | 0.03      | 2.024 | 0.023     | 0.02      | 0         | 57.2 | 57.2 | 63.6 | 159        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 8    | 53     | 43     | 1.004     | 0.007     | 2.024 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 62.4 | 159        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 9    | 3      | 43     | 1.01      | 0.023     | 2.024 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 55   | 159        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 9    | 13     | 43     | 1.037     | 0.01      | 2.024 | 0.02      | 0.016     | 0         | 56.8 | 57.2 | 56.3 | 159        | 159        | 0          | 27     | 26     |
| 2009 | 6     | 28  | 9    | 23     | 43     | 1.007     | -0.039    | 2.024 | 0.023     | 0.02      | 0         | 57.2 | 57.2 | 58.5 | 159        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 9    | 33     | 43     | 1.053     | 0.043     | 2.024 | 0.02      | 0.016     | 0         | 56.8 | 57.2 | 57.6 | 159        | 159        | 0          | 27     | 26     |
| 2009 | 6     | 28  | 9    | 43     | 43     | 1.037     | 0.003     | 2.024 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 59.8 | 159        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 9    | 53     | 43     | 1.017     | 0.016     | 2.024 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 59.8 | 160        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 10   | 3      | 43     | 1.037     | 0.02      | 2.024 | 0.023     | 0.02      | 0         | 57.2 | 56.8 | 58   | 159        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 10   | 13     | 43     | 0.997     | -0.013    | 2.024 | 0.02      | 0.016     | 0         | 57.2 | 57.2 | 56.3 | 159        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 10   | 23     | 43     | 0.968     | 0.033     | 2.024 | 0.02      | 0.016     | 0         | 57.6 | 56.8 | 58.5 | 160        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 10   | 33     | 43     | 1.001     | 0.016     | 2.024 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 56.8 | 160        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 10   | 43     | 43     | 0.955     | -0.033    | 2.024 | 0.02      | 0.016     | 0         | 56.8 | 56.8 | 60.6 | 159        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 28  | 10   | 53     | 43     | 1.033     | 0.03      | 2.024 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 59.3 | 160        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 11   | 3      | 43     | 0.997     | 0.03      | 2.024 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 61.1 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 11   | 13     | 43     | 1.004     | -0.016    | 2.024 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 55   | 160        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 11   | 23     | 43     | 1.037     | 0.013     | 2.024 | 0.02      | 0.016     | 0         | 57.2 | 57.2 | 64.5 | 159        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 11   | 33     | 43     | 1.073     | 0.039     | 2.024 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 63.2 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 11   | 43     | 43     | 1.02      | 0.043     | 2.024 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 63.6 | 160        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 11   | 53     | 43     | 0.978     | 0.02      | 2.024 | 0.02      | 0.016     | 0         | 57.2 | 57.2 | 63.2 | 159        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 12   | 3      | 43     | 0.978     | 0.026     | 2.024 | 0.02      | 0.016     | 0         | 57.2 | 57.2 | 61.5 | 159        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 12   | 13     | 43     | 1.007     | 0         | 2.024 | 0.023     | 0.02      | 0         | 57.2 | 57.2 | 60.6 | 159        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 12   | 23     | 43     | 0.997     | 0.023     | 2.024 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 60.6 | 160        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 12   | 33     | 43     | 1.033     | 0.043     | 2.024 | 0.023     | 0.02      | 0         | 58   | 57.6 | 59.8 | 160        | 160        | 0          | 25     | 26     |
| 2009 | 6     | 28  | 12   | 43     | 43     | 0.994     | 0.007     | 2.024 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 60.6 | 160        | 160        | 0          | 27     | 26     |
| 2009 | 6     | 28  | 12   | 53     | 43     | 1.027     | 0.016     | 2.024 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 58   | 160        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 13   | 3      | 43     | 1.027     | 0.016     | 2.021 | 0.02      | 0.016     | 0         | 58   | 58   | 55.9 | 161        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 13   | 13     | 43     | 1.007     | -0.02     | 2.024 | 0.02      | 0.016     | 0         | 58   | 58   | 61.9 | 160        | 161        | 0          | 25     | 26     |
| 2009 | 6     | 28  | 13   | 23     | 43     | 1.024     | 0.052     | 2.024 | 0.02      | 0.016     | 0         | 58.5 | 58   | 62.4 | 161        | 161        | 0          | 25     | 26     |
| 2009 | 6     | 28  | 13   | 33     | 43     | 0.988     | 0.023     | 2.021 | 0.02      | 0.016     | 0         | 58   | 58   | 57.2 | 161        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 13   | 43     | 43     | 1.05      | 0.013     | 2.021 | 0.023     | 0.02      | 0         | 58   | 58   | 58.5 | 161        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 13   | 53     | 43     | 0.991     | 0.069     | 2.021 | 0.02      | 0.016     | 0         | 58   | 58.5 | 56.3 | 161        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 14   | 3      | 43     | 0.988     | -0.003    | 2.021 | 0.026     | 0.023     | 0         | 58.5 | 58   | 58   | 161        | 161        | 0          | 25     | 26     |
| 2009 | 6     | 28  | 14   | 13     | 43     | 1.007     | -0.013    | 2.018 | 0.016     | 0.016     | 0         | 58   | 58.5 | 55.5 | 161        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 14   | 23     | 43     | 1.083     | -0.026    | 2.021 | 0.02      | 0.016     | 0         | 57.6 | 58   | 55.5 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 14   | 33     | 43     | 1.07      | 0.003     | 2.021 | 0.02      | 0.016     | 0         | 58   | 58   | 58.9 | 161        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 14   | 43     | 43     | 0.994     | -0.013    | 2.021 | 0.026     | 0.023     | 0         | 58   | 58   | 59.3 | 161        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 14   | 53     | 43     | 1.024     | 0.01      | 2.018 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 55.9 | 160        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 15   | 3      | 43     | 1.017     | 0.049     | 2.018 | 0.02      | 0.016     | 0         | 57.6 | 58   | 55   | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 15   | 13     | 43     | 0.991     | 0.046     | 2.021 | 0.02      | 0.016     | 0         | 58   | 58   | 59.8 | 160        | 161        | 0          | 25     | 26     |
| 2009 | 6     | 28  | 15   | 23     | 43     | 0.932     | 0.046     | 2.018 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 59.3 | 160        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 15   | 33     | 43     | 1.001     | 0.046     | 2.014 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 57.2 | 160        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 15   | 43     | 43     | 1.007     | 0.03      | 2.018 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 59.3 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 15   | 53     | 43     | 0.997     | 0.036     | 2.014 | 0.02      | 0.016     | 0         | 58   | 57.6 | 58   | 160        | 160        | 0          | 25     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 28  | 16   | 3      | 43     | 0.978     | 0         | 2.018 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 56.8 | 160        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 16   | 13     | 43     | 1.004     | 0.003     | 2.018 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 57.2 | 160        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 16   | 23     | 43     | 0.981     | -0.026    | 2.018 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 60.2 | 159        | 160        | 0          | 25     | 26     |
| 2009 | 6     | 28  | 16   | 33     | 43     | 0.961     | 0.049     | 2.018 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 58.5 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 16   | 43     | 43     | 1.001     | 0.033     | 2.014 | 0.023     | 0.023     | 0         | 57.2 | 57.2 | 55.5 | 159        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 16   | 53     | 43     | 1.007     | 0.026     | 2.018 | 0.016     | 0.016     | 0         | 57.6 | 57.6 | 56.3 | 159        | 160        | 0          | 25     | 26     |
| 2009 | 6     | 28  | 17   | 3      | 43     | 1.053     | 0.016     | 2.018 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 57.2 | 160        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 17   | 13     | 43     | 0.984     | 0.03      | 2.018 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 56.8 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 17   | 23     | 43     | 1.033     | 0.036     | 2.018 | 0.02      | 0.016     | 0         | 57.6 | 58   | 59.3 | 159        | 160        | 0          | 25     | 25     |
| 2009 | 6     | 28  | 17   | 33     | 43     | 1.06      | 0.013     | 2.021 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 60.6 | 160        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 17   | 43     | 43     | 1.093     | 0         | 2.021 | 0.02      | 0.016     | 0         | 57.2 | 57.6 | 58   | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 17   | 53     | 43     | 1.004     | -0.039    | 2.021 | 0.023     | 0.02      | 0         | 57.2 | 57.6 | 59.3 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 18   | 3      | 43     | 1.06      | 0.043     | 2.024 | 0.023     | 0.02      | 0         | 57.6 | 57.6 | 60.2 | 159        | 160        | 0          | 25     | 26     |
| 2009 | 6     | 28  | 18   | 13     | 43     | 1.05      | 0.01      | 2.024 | 0.02      | 0.016     | 0         | 57.2 | 58   | 60.2 | 159        | 160        | 0          | 26     | 25     |
| 2009 | 6     | 28  | 18   | 23     | 43     | 1.017     | 0         | 2.024 | 0.026     | 0.023     | 0         | 57.2 | 57.6 | 60.6 | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 18   | 33     | 43     | 1.01      | 0.007     | 2.024 | 0.02      | 0.016     | 0         | 57.6 | 58.5 | 62.8 | 160        | 161        | 0          | 26     | 25     |
| 2009 | 6     | 28  | 18   | 43     | 43     | 1.05      | 0.026     | 2.024 | 0.02      | 0.016     | 0         | 57.6 | 58   | 62.8 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 18   | 53     | 43     | 0.974     | -0.01     | 2.024 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 62.4 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 19   | 3      | 43     | 1.02      | 0.007     | 2.024 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 63.6 | 160        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 19   | 13     | 43     | 1.083     | 0.043     | 2.024 | 0.023     | 0.02      | 0         | 58.5 | 57.6 | 63.6 | 162        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 19   | 23     | 43     | 1.017     | 0.02      | 2.024 | 0.02      | 0.016     | 0         | 58   | 57.6 | 63.6 | 161        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 19   | 33     | 43     | 0.961     | 0         | 2.028 | 0.02      | 0.016     | 0         | 58   | 57.6 | 63.2 | 161        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 19   | 43     | 43     | 1.043     | -0.026    | 2.028 | 0.02      | 0.016     | 0         | 58.5 | 57.6 | 63.6 | 162        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 19   | 53     | 43     | 1.043     | -0.003    | 2.028 | 0.023     | 0.023     | 0         | 58.5 | 57.6 | 62.8 | 161        | 160        | 0          | 25     | 26     |
| 2009 | 6     | 28  | 20   | 3      | 43     | 0.938     | 0.023     | 2.028 | 0.02      | 0.016     | 0         | 58.5 | 58   | 64.1 | 162        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 20   | 13     | 43     | 1.05      | 0         | 2.028 | 0.023     | 0.023     | 0         | 58.5 | 57.6 | 63.6 | 161        | 160        | 0          | 25     | 26     |
| 2009 | 6     | 28  | 20   | 23     | 43     | 1.03      | -0.033    | 2.028 | 0.023     | 0.02      | 0         | 58.5 | 57.6 | 63.6 | 162        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 20   | 33     | 43     | 0.991     | -0.023    | 2.028 | 0.02      | 0.016     | 0         | 58   | 57.6 | 63.6 | 161        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 20   | 43     | 43     | 0.958     | 0.013     | 2.028 | 0.023     | 0.02      | 0         | 58.5 | 57.6 | 64.1 | 162        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 20   | 53     | 43     | 1.02      | 0         | 2.028 | 0.023     | 0.02      | 0         | 58   | 57.6 | 63.2 | 161        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 21   | 3      | 43     | 0.991     | -0.007    | 2.031 | 0.02      | 0.016     | 0         | 58   | 57.2 | 63.2 | 161        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 21   | 13     | 43     | 1.001     | 0         | 2.031 | 0.023     | 0.023     | 0         | 58   | 56.8 | 63.6 | 161        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 21   | 23     | 43     | 1.024     | 0.033     | 2.031 | 0.023     | 0.023     | 0         | 57.6 | 57.2 | 63.2 | 160        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 21   | 33     | 43     | 1.001     | -0.016    | 2.031 | 0.02      | 0.016     | 0         | 58   | 57.6 | 63.6 | 161        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 21   | 43     | 43     | 0.988     | 0.003     | 2.031 | 0.02      | 0.016     | 0         | 58   | 56.8 | 63.2 | 161        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 21   | 53     | 43     | 1.063     | 0.02      | 2.031 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 63.2 | 160        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 22   | 3      | 43     | 1.014     | 0.036     | 2.031 | 0.023     | 0.02      | 0         | 57.6 | 56.8 | 62.8 | 160        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 22   | 13     | 43     | 1.017     | 0.043     | 2.034 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 63.2 | 160        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 22   | 23     | 43     | 1.027     | -0.016    | 2.034 | 0.02      | 0.016     | 0         | 57.6 | 56.8 | 63.2 | 160        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 22   | 33     | 43     | 1.02      | 0.01      | 2.034 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 63.6 | 159        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 22   | 43     | 43     | 1.024     | 0.03      | 2.034 | 0.023     | 0.023     | 0         | 57.6 | 57.2 | 62.8 | 160        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 22   | 53     | 43     | 1.014     | 0.026     | 2.034 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 62.4 | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 23   | 3      | 43     | 1.06      | 0.043     | 2.034 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 61.9 | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 23   | 13     | 43     | 0.994     | 0.049     | 2.034 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 61.9 | 159        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 23   | 23     | 43     | 0.981     | 0.036     | 2.037 | 0.023     | 0.02      | 0         | 57.2 | 56.3 | 61.5 | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 23   | 33     | 43     | 0.981     | 0.01      | 2.041 | 0.02      | 0.016     | 0         | 57.6 | 56.3 | 61.1 | 160        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 23   | 43     | 43     | 1.017     | -0.039    | 2.044 | 0.023     | 0.02      | 0         | 57.2 | 56.3 | 61.9 | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 23   | 53     | 43     | 1.017     | 0         | 2.044 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 61.9 | 159        | 158        | 0          | 26     | 27     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 29  | 0    | 3      | 43     | 1.037     | 0.033     | 2.047 | 0.023     | 0.02      | 0         | 57.2 | 55.9 | 62.4 | 159        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 0    | 13     | 43     | 1.037     | 0.003     | 2.047 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 62.8 | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 0    | 23     | 43     | 0.951     | 0.013     | 2.051 | 0.02      | 0.016     | 0         | 56.8 | 55.9 | 62.8 | 158        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 0    | 33     | 43     | 0.978     | 0.023     | 2.051 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 60.6 | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 0    | 43     | 43     | 1.037     | 0.026     | 2.051 | 0.03      | 0.03      | 0         | 57.2 | 56.3 | 63.6 | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 0    | 53     | 43     | 0.997     | 0.02      | 2.051 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 63.2 | 159        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 1    | 3      | 43     | 0.984     | 0.013     | 2.054 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 63.2 | 159        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 1    | 13     | 43     | 1.056     | 0.043     | 2.054 | 0.023     | 0.02      | 0         | 57.2 | 56.8 | 62.8 | 159        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 1    | 23     | 43     | 1.027     | 0.059     | 2.054 | 0.02      | 0.016     | 0         | 57.6 | 56.3 | 64.1 | 160        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 1    | 33     | 43     | 1.027     | 0         | 2.054 | 0.023     | 0.02      | 0         | 57.6 | 56.8 | 63.6 | 160        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 1    | 43     | 43     | 1.007     | 0.02      | 2.054 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 63.2 | 160        | 158        | 0          | 27     | 26     |
| 2009 | 6     | 29  | 1    | 53     | 43     | 1.073     | 0.043     | 2.057 | 0.02      | 0.016     | 0         | 57.6 | 56.8 | 63.6 | 160        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 2    | 3      | 43     | 1.004     | 0.013     | 2.057 | 0.02      | 0.016     | 0         | 58   | 56.8 | 63.6 | 160        | 158        | 0          | 25     | 26     |
| 2009 | 6     | 29  | 2    | 13     | 43     | 1.02      | 0.007     | 2.057 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 63.2 | 160        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 29  | 2    | 23     | 43     | 1.05      | 0.056     | 2.057 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 64.1 | 161        | 159        | 0          | 27     | 26     |
| 2009 | 6     | 29  | 2    | 33     | 43     | 1.027     | 0.043     | 2.057 | 0.023     | 0.02      | 0         | 57.2 | 56.8 | 62.8 | 160        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 29  | 2    | 43     | 43     | 1.076     | 0.033     | 2.057 | 0.02      | 0.016     | 0         | 58   | 57.2 | 64.5 | 160        | 159        | 0          | 25     | 26     |
| 2009 | 6     | 29  | 2    | 53     | 43     | 0.991     | 0.02      | 2.057 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 64.5 | 160        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 29  | 3    | 3      | 43     | 0.988     | 0.043     | 2.057 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 64.9 | 160        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 3    | 13     | 43     | 0.974     | 0.046     | 2.057 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 64.5 | 160        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 3    | 23     | 43     | 1.007     | 0.003     | 2.057 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 64.5 | 160        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 3    | 33     | 43     | 1.033     | 0.059     | 2.06  | 0.02      | 0.016     | 0         | 57.6 | 56.8 | 64.5 | 160        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 3    | 43     | 43     | 1.024     | -0.003    | 2.06  | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 63.6 | 160        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 29  | 3    | 53     | 43     | 1.02      | 0.043     | 2.06  | 0.02      | 0.016     | 0         | 58   | 57.2 | 63.2 | 161        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 4    | 3      | 43     | 1.01      | 0         | 2.06  | 0.02      | 0.016     | 0         | 57.6 | 56.8 | 64.5 | 161        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 29  | 4    | 13     | 43     | 1.043     | 0.023     | 2.06  | 0.02      | 0.016     | 0         | 57.6 | 56.8 | 64.5 | 160        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 4    | 23     | 43     | 0.991     | 0.03      | 2.06  | 0.02      | 0.016     | 0         | 58   | 57.2 | 63.6 | 160        | 160        | 0          | 25     | 27     |
| 2009 | 6     | 29  | 4    | 33     | 43     | 1.007     | 0.043     | 2.06  | 0.02      | 0.016     | 0         | 58   | 57.2 | 64.1 | 161        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 4    | 43     | 43     | 0.994     | 0.007     | 2.06  | 0.02      | 0.016     | 0         | 58   | 57.6 | 63.2 | 161        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 4    | 53     | 43     | 1.001     | 0.023     | 2.06  | 0.02      | 0.016     | 0         | 58   | 57.6 | 62.8 | 161        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 5    | 3      | 43     | 0.988     | 0.033     | 2.06  | 0.023     | 0.023     | 0         | 58   | 57.6 | 63.2 | 161        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 5    | 13     | 43     | 0.971     | 0.026     | 2.06  | 0.02      | 0.016     | 0         | 58   | 57.6 | 63.6 | 161        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 5    | 23     | 43     | 1.027     | 0.023     | 2.06  | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 63.2 | 161        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 29  | 5    | 33     | 43     | 0.984     | 0.066     | 2.06  | 0.02      | 0.016     | 0         | 58   | 57.2 | 62.8 | 161        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 5    | 43     | 43     | 1.01      | 0         | 2.06  | 0.02      | 0.016     | 0         | 58   | 57.2 | 63.2 | 161        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 5    | 53     | 43     | 1.014     | 0.036     | 2.06  | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 62.8 | 161        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 29  | 6    | 3      | 43     | 1.02      | 0.026     | 2.06  | 0.02      | 0.016     | 0         | 57.6 | 56.8 | 63.6 | 160        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 6    | 13     | 43     | 1.033     | -0.013    | 2.06  | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 63.6 | 160        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 6    | 23     | 43     | 1.053     | 0.039     | 2.064 | 0.02      | 0.016     | 0         | 57.6 | 56.8 | 63.6 | 160        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 6    | 33     | 43     | 0.997     | 0.003     | 2.06  | 0.026     | 0.026     | 0         | 57.6 | 56.8 | 63.2 | 160        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 6    | 43     | 43     | 1.007     | 0.046     | 2.064 | 0.02      | 0.016     | 0         | 57.2 | 57.2 | 63.6 | 159        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 6    | 53     | 43     | 0.984     | 0.03      | 2.064 | 0.023     | 0.02      | 0         | 57.6 | 57.6 | 61.9 | 160        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 7    | 3      | 43     | 1.03      | 0.02      | 2.064 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 60.6 | 159        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 7    | 13     | 43     | 1.083     | 0.023     | 2.064 | 0.02      | 0.016     | 0         | 56.8 | 56.8 | 61.5 | 159        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 29  | 7    | 23     | 43     | 1.056     | 0.059     | 2.064 | 0.02      | 0.016     | 0         | 57.2 | 57.2 | 63.2 | 159        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 7    | 33     | 43     | 1.027     | 0.056     | 2.064 | 0.02      | 0.016     | 0         | 57.6 | 57.2 | 59.8 | 160        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 7    | 43     | 43     | 1.047     | 0         | 2.064 | 0.023     | 0.02      | 0         | 57.6 | 57.2 | 57.6 | 160        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 7    | 53     | 43     | 0.981     | 0.02      | 2.064 | 0.02      | 0.016     | 0         | 58   | 57.2 | 52.9 | 161        | 160        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 29  | 8    | 3      | 43     | 0.932     | 0.007     | 2.064 | 0.02      | 0.016     | 0         | 58   | 58.5 | 53.3 | 162        | 162        | 0          | 27     | 26     |
| 2009 | 6     | 29  | 8    | 13     | 43     | 0.991     | 0.056     | 2.064 | 0.016     | 0.016     | 0         | 58.5 | 58   | 52.9 | 162        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 8    | 23     | 43     | 1.02      | 0.026     | 2.064 | 0.02      | 0.016     | 0         | 58.5 | 58   | 55   | 162        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 8    | 33     | 43     | 1.066     | 0.075     | 2.064 | 0.023     | 0.02      | 0         | 58.5 | 58   | 54.2 | 162        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 8    | 43     | 43     | 0.978     | 0.03      | 2.06  | 0.02      | 0.016     | 0         | 58.5 | 58   | 53.8 | 162        | 162        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 8    | 53     | 43     | 1.027     | 0.043     | 2.06  | 0.02      | 0.016     | 0         | 58   | 58   | 55   | 162        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 29  | 9    | 3      | 43     | 1.014     | 0.013     | 2.06  | 0.023     | 0.02      | 0         | 58.5 | 58.5 | 54.6 | 162        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 9    | 13     | 43     | 1.053     | 0.046     | 2.06  | 0.02      | 0.016     | 0         | 58   | 58   | 52.5 | 161        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 9    | 23     | 43     | 0.984     | 0.036     | 2.06  | 0.023     | 0.02      | 0         | 58.5 | 58   | 55.9 | 162        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 9    | 33     | 43     | 0.994     | 0.052     | 2.057 | 0.02      | 0.016     | 0         | 58.5 | 58.5 | 50.7 | 162        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 9    | 43     | 43     | 1.033     | 0.059     | 2.057 | 0.02      | 0.016     | 0         | 58   | 57.6 | 49.9 | 161        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 9    | 53     | 43     | 0.991     | 0.098     | 2.057 | 0.02      | 0.016     | 0         | 58.5 | 58   | 53.3 | 162        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 10   | 3      | 43     | 0.955     | 0.033     | 2.057 | 0.023     | 0.023     | 0         | 58   | 57.6 | 52   | 161        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 10   | 13     | 43     | 1.007     | 0.026     | 2.057 | 0.02      | 0.016     | 0         | 58   | 58   | 54.6 | 161        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 10   | 23     | 43     | 1.024     | 0.039     | 2.054 | 0.02      | 0.016     | 0         | 58   | 58   | 51.6 | 161        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 10   | 33     | 43     | 1.007     | 0.03      | 2.051 | 0.02      | 0.016     | 0         | 58   | 58   | 55.5 | 161        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 10   | 43     | 43     | 1.02      | 0.049     | 2.051 | 0.02      | 0.016     | 0         | 58   | 58   | 55.5 | 161        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 10   | 53     | 43     | 1.047     | 0.023     | 2.051 | 0.02      | 0.016     | 0         | 58   | 57.6 | 53.3 | 161        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 11   | 3      | 43     | 1.017     | 0         | 2.047 | 0.02      | 0.016     | 0         | 58   | 58   | 56.8 | 161        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 11   | 13     | 43     | 1.007     | 0.036     | 2.044 | 0.023     | 0.023     | 0         | 57.6 | 58   | 57.2 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 11   | 23     | 43     | 0.994     | 0         | 2.044 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 60.2 | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 11   | 33     | 43     | 1.02      | 0.049     | 2.044 | 0.023     | 0.02      | 0         | 58   | 58   | 58.9 | 161        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 11   | 43     | 43     | 1.066     | 0.03      | 2.041 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 60.6 | 160        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 11   | 53     | 43     | 1.05      | 0.023     | 2.041 | 0.02      | 0.016     | 0         | 57.6 | 58   | 58.9 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 12   | 3      | 43     | 1.079     | 0.062     | 2.041 | 0.02      | 0.016     | 0         | 58   | 58   | 58.5 | 161        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 12   | 13     | 43     | 1.02      | 0.026     | 2.041 | 0.02      | 0.016     | 0         | 58.5 | 58   | 57.6 | 161        | 161        | 0          | 25     | 26     |
| 2009 | 6     | 29  | 12   | 23     | 43     | 1.014     | 0.026     | 2.041 | 0.023     | 0.023     | 0         | 58.5 | 58   | 56.8 | 161        | 161        | 0          | 25     | 26     |
| 2009 | 6     | 29  | 12   | 33     | 43     | 0.991     | 0.039     | 2.041 | 0.02      | 0.016     | 0         | 57.6 | 58   | 58.9 | 160        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 12   | 43     | 43     | 0.988     | 0.003     | 2.037 | 0.02      | 0.016     | 0         | 58   | 57.6 | 59.8 | 160        | 160        | 0          | 25     | 26     |
| 2009 | 6     | 29  | 12   | 53     | 43     | 1.014     | 0.062     | 2.037 | 0.02      | 0.016     | 0         | 58   | 58   | 52.5 | 161        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 13   | 3      | 43     | 1.02      | 0.059     | 2.037 | 0.02      | 0.016     | 0         | 58.5 | 58.5 | 54.2 | 162        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 13   | 13     | 43     | 0.945     | 0.075     | 2.037 | 0.02      | 0.016     | 0         | 58.5 | 58.5 | 52.9 | 162        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 13   | 23     | 43     | 0.981     | 0.013     | 2.037 | 0.02      | 0.016     | 0         | 58.5 | 58.5 | 53.8 | 162        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 13   | 33     | 43     | 0.997     | 0.026     | 2.037 | 0.02      | 0.016     | 0         | 58.9 | 58.9 | 48.6 | 163        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 13   | 43     | 43     | 1.01      | 0.007     | 2.034 | 0.02      | 0.016     | 0         | 58.5 | 58.9 | 55.5 | 162        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 13   | 53     | 43     | 1.05      | 0.056     | 2.034 | 0.02      | 0.016     | 0         | 58.5 | 58.5 | 59.3 | 162        | 163        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 14   | 3      | 43     | 0.942     | 0.03      | 2.034 | 0.02      | 0.016     | 0         | 58.5 | 58.9 | 57.6 | 162        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 14   | 13     | 43     | 1.056     | 0.02      | 2.034 | 0.02      | 0.016     | 0         | 58.5 | 58.9 | 58   | 162        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 14   | 23     | 43     | 0.958     | 0.016     | 2.034 | 0.026     | 0.026     | 0         | 59.3 | 58.9 | 51.6 | 163        | 163        | 0          | 25     | 26     |
| 2009 | 6     | 29  | 14   | 33     | 43     | 0.974     | 0.043     | 2.034 | 0.02      | 0.016     | 0         | 58.5 | 58.9 | 60.2 | 162        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 14   | 43     | 43     | 1.037     | 0.043     | 2.034 | 0.02      | 0.016     | 0         | 59.3 | 58.9 | 58.9 | 164        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 14   | 53     | 43     | 1.014     | 0.026     | 2.031 | 0.023     | 0.02      | 0         | 59.3 | 58.9 | 61.9 | 164        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 15   | 3      | 43     | 0.991     | 0.043     | 2.031 | 0.023     | 0.023     | 0         | 59.3 | 58.9 | 59.3 | 163        | 163        | 0          | 25     | 26     |
| 2009 | 6     | 29  | 15   | 13     | 43     | 1.001     | 0.016     | 2.031 | 0.02      | 0.016     | 0         | 58.9 | 58.5 | 62.4 | 163        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 15   | 23     | 43     | 0.951     | -0.007    | 2.031 | 0.023     | 0.02      | 0         | 58.9 | 57.6 | 61.5 | 163        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 15   | 33     | 43     | 0.997     | 0.062     | 2.031 | 0.02      | 0.016     | 0         | 59.3 | 58.9 | 62.8 | 164        | 163        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 15   | 43     | 43     | 1.063     | 0.01      | 2.031 | 0.02      | 0.016     | 0         | 59.3 | 58.5 | 61.9 | 163        | 162        | 0          | 25     | 26     |
| 2009 | 6     | 29  | 15   | 53     | 43     | 1.066     | 0.039     | 2.031 | 0.02      | 0.016     | 0         | 58.9 | 58   | 62.4 | 163        | 161        | 0          | 26     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 29  | 16   | 3      | 43     | 1.004     | 0.013     | 2.031 | 0.023     | 0.02      | 0         | 58.9 | 58   | 62.8 | 163        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 16   | 13     | 43     | 1.027     | -0.007    | 2.031 | 0.02      | 0.016     | 0         | 59.3 | 58.5 | 62.4 | 163        | 162        | 0          | 25     | 26     |
| 2009 | 6     | 29  | 16   | 23     | 43     | 0.988     | 0.013     | 2.031 | 0.023     | 0.02      | 0         | 58.9 | 58.9 | 63.6 | 163        | 162        | 0          | 26     | 25     |
| 2009 | 6     | 29  | 16   | 33     | 43     | 1.007     | 0.02      | 2.031 | 0.02      | 0.016     | 0         | 58.5 | 58   | 57.2 | 162        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 16   | 43     | 43     | 1.079     | 0.03      | 2.028 | 0.02      | 0.016     | 0         | 58.9 | 58.5 | 56.8 | 163        | 162        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 16   | 53     | 43     | 1.014     | 0.03      | 2.031 | 0.02      | 0.016     | 0         | 59.8 | 58.5 | 58   | 164        | 162        | 0          | 25     | 26     |
| 2009 | 6     | 29  | 17   | 3      | 43     | 1.033     | 0.013     | 2.031 | 0.02      | 0.016     | 0         | 58.9 | 58   | 59.3 | 163        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 17   | 13     | 43     | 1.056     | 0.003     | 2.031 | 0.02      | 0.016     | 0         | 58.9 | 58   | 59.3 | 163        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 17   | 23     | 43     | 1.027     | 0.007     | 2.031 | 0.02      | 0.016     | 0         | 59.8 | 58.5 | 61.5 | 164        | 162        | 0          | 25     | 26     |
| 2009 | 6     | 29  | 17   | 33     | 43     | 0.981     | -0.013    | 2.031 | 0.02      | 0.016     | 0         | 58.9 | 58.5 | 61.1 | 163        | 161        | 0          | 26     | 25     |
| 2009 | 6     | 29  | 17   | 43     | 43     | 0.994     | 0.059     | 2.031 | 0.02      | 0.016     | 0         | 59.3 | 58   | 60.2 | 163        | 161        | 0          | 25     | 26     |
| 2009 | 6     | 29  | 17   | 53     | 43     | 1.001     | 0.02      | 2.031 | 0.02      | 0.016     | 0         | 58.9 | 58   | 61.5 | 163        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 18   | 3      | 43     | 1.001     | 0.003     | 2.031 | 0.02      | 0.016     | 0         | 58.9 | 58   | 60.6 | 163        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 18   | 13     | 43     | 1.014     | 0.036     | 2.031 | 0.02      | 0.016     | 0         | 58.9 | 58   | 58.9 | 163        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 18   | 23     | 43     | 1.043     | 0.023     | 2.031 | 0.02      | 0.016     | 0         | 59.3 | 58.5 | 60.2 | 163        | 161        | 0          | 25     | 25     |
| 2009 | 6     | 29  | 18   | 33     | 43     | 0.981     | 0.043     | 2.031 | 0.023     | 0.02      | 0         | 58.9 | 57.6 | 60.6 | 162        | 161        | 0          | 25     | 27     |
| 2009 | 6     | 29  | 18   | 43     | 43     | 1.089     | 0.013     | 2.031 | 0.02      | 0.016     | 0         | 58.9 | 58   | 61.9 | 163        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 18   | 53     | 43     | 1.027     | 0.049     | 2.031 | 0.02      | 0.016     | 0         | 58.5 | 58   | 62.4 | 162        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 19   | 3      | 43     | 1.033     | 0.026     | 2.031 | 0.02      | 0.016     | 0         | 58.9 | 58   | 61.1 | 163        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 19   | 13     | 43     | 1.001     | 0.046     | 2.031 | 0.02      | 0.016     | 0         | 58.9 | 58   | 61.9 | 163        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 19   | 23     | 43     | 1.007     | 0.043     | 2.034 | 0.016     | 0.016     | 0         | 58.9 | 58   | 62.8 | 162        | 161        | 0          | 25     | 26     |
| 2009 | 6     | 29  | 19   | 33     | 43     | 1.01      | 0         | 2.034 | 0.02      | 0.016     | 0         | 58.9 | 58   | 62.4 | 163        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 19   | 43     | 43     | 1.014     | 0.056     | 2.034 | 0.02      | 0.016     | 0         | 58.9 | 58   | 61.9 | 162        | 161        | 0          | 25     | 26     |
| 2009 | 6     | 29  | 19   | 53     | 43     | 1.007     | 0.036     | 2.034 | 0.026     | 0.023     | 0         | 58.5 | 57.6 | 62.4 | 162        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 20   | 3      | 43     | 1.07      | 0.01      | 2.037 | 0.02      | 0.016     | 0         | 58   | 57.2 | 61.9 | 161        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 20   | 13     | 43     | 0.991     | 0         | 2.037 | 0.02      | 0.016     | 0         | 58.9 | 58   | 61.1 | 162        | 161        | 0          | 25     | 26     |
| 2009 | 6     | 29  | 20   | 23     | 43     | 0.981     | 0.049     | 2.041 | 0.02      | 0.016     | 0         | 58.5 | 58   | 60.6 | 162        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 20   | 33     | 43     | 1.047     | 0.033     | 2.044 | 0.02      | 0.016     | 0         | 58   | 57.6 | 59.3 | 161        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 20   | 43     | 43     | 1.047     | 0.043     | 2.047 | 0.023     | 0.02      | 0         | 58   | 57.2 | 60.6 | 161        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 20   | 53     | 43     | 0.968     | 0         | 2.054 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 60.6 | 161        | 160        | 0          | 27     | 26     |
| 2009 | 6     | 29  | 21   | 3      | 43     | 1.01      | 0.069     | 2.057 | 0.02      | 0.016     | 0         | 58   | 57.2 | 61.5 | 161        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 21   | 13     | 43     | 0.955     | 0.01      | 2.057 | 0.02      | 0.016     | 0         | 58   | 57.2 | 62.8 | 161        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 21   | 23     | 43     | 1.043     | -0.003    | 2.06  | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 62.8 | 160        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 21   | 33     | 43     | 0.984     | 0.036     | 2.06  | 0.02      | 0.016     | 0         | 58   | 57.6 | 63.6 | 161        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 21   | 43     | 43     | 0.994     | 0.052     | 2.064 | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 64.5 | 160        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 21   | 53     | 43     | 1.001     | 0.02      | 2.064 | 0.02      | 0.016     | 0         | 58   | 57.6 | 63.6 | 160        | 160        | 0          | 25     | 26     |
| 2009 | 6     | 29  | 22   | 3      | 43     | 1.03      | 0.033     | 2.064 | 0.02      | 0.016     | 0         | 58   | 57.2 | 63.6 | 161        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 22   | 13     | 43     | 1.027     | 0.079     | 2.067 | 0.02      | 0.016     | 0         | 58   | 57.2 | 61.5 | 161        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 22   | 23     | 43     | 1.043     | 0.052     | 2.067 | 0.02      | 0.016     | 0         | 58   | 57.6 | 61.9 | 161        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 22   | 33     | 43     | 1.04      | 0.023     | 2.067 | 0.023     | 0.02      | 0         | 58.5 | 57.6 | 61.5 | 162        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 22   | 43     | 43     | 0.971     | 0.036     | 2.07  | 0.02      | 0.016     | 0         | 58.5 | 57.6 | 53.8 | 162        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 22   | 53     | 43     | 0.961     | 0.03      | 2.07  | 0.02      | 0.016     | 0         | 58.5 | 58   | 59.3 | 162        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 23   | 3      | 43     | 1.001     | 0.023     | 2.073 | 0.023     | 0.023     | 0         | 58.5 | 58   | 58.9 | 162        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 23   | 13     | 43     | 1.073     | 0.072     | 2.073 | 0.02      | 0.016     | 0         | 58.5 | 58   | 58.5 | 162        | 161        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 23   | 23     | 43     | 1.037     | 0.02      | 2.077 | 0.02      | 0.016     | 0         | 58.5 | 57.6 | 57.6 | 162        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 23   | 33     | 43     | 1.037     | 0.046     | 2.083 | 0.02      | 0.016     | 0         | 58.5 | 57.6 | 56.3 | 162        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 23   | 43     | 43     | 1.056     | 0.039     | 2.087 | 0.02      | 0.016     | 0         | 58.5 | 57.6 | 57.6 | 162        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 23   | 53     | 43     | 0.974     | 0.039     | 2.093 | 0.023     | 0.02      | 0         | 58.5 | 57.6 | 61.1 | 162        | 161        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 30  | 0    | 3      | 43     | 1.01      | 0.036     | 2.096 | 0.02      | 0.016     | 0         | 58   | 57.6 | 61.5 | 161        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 0    | 13     | 43     | 1.04      | 0.023     | 2.096 | 0.02      | 0.016     | 0         | 58   | 57.2 | 61.5 | 161        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 0    | 23     | 43     | 1.073     | 0.089     | 2.1   | 0.02      | 0.016     | 0         | 58.5 | 57.2 | 63.6 | 162        | 160        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 0    | 33     | 43     | 1.024     | 0.049     | 2.1   | 0.02      | 0.016     | 0         | 57.6 | 57.6 | 63.6 | 161        | 160        | 0          | 27     | 26     |
| 2009 | 6     | 30  | 0    | 43     | 43     | 1.04      | 0.056     | 2.103 | 0.02      | 0.016     | 0         | 58   | 56.8 | 63.6 | 161        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 0    | 53     | 43     | 1.06      | 0         | 2.103 | 0.023     | 0.023     | 0         | 58   | 57.6 | 63.6 | 161        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 1    | 3      | 43     | 1.02      | 0.026     | 2.106 | 0.023     | 0.02      | 0         | 57.2 | 56.8 | 64.1 | 160        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 30  | 1    | 13     | 43     | 0.988     | 0.052     | 2.106 | 0.02      | 0.016     | 0         | 57.6 | 56.8 | 63.6 | 160        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 1    | 23     | 43     | 1.04      | -0.023    | 2.106 | 0.02      | 0.016     | 0         | 58   | 57.2 | 62.4 | 161        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 1    | 33     | 43     | 1.037     | 0.003     | 2.11  | 0.023     | 0.02      | 0         | 57.2 | 57.2 | 62.4 | 160        | 159        | 0          | 27     | 26     |
| 2009 | 6     | 30  | 1    | 43     | 43     | 0.997     | -0.003    | 2.113 | 0.02      | 0.016     | 0         | 57.6 | 56.8 | 61.5 | 160        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 1    | 53     | 43     | 1.033     | 0.03      | 2.116 | 0.023     | 0.02      | 0         | 57.2 | 56.8 | 61.9 | 159        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 2    | 3      | 43     | 1.03      | 0.069     | 2.119 | 0.02      | 0.016     | 0         | 56.8 | 56.3 | 61.1 | 158        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 2    | 13     | 43     | 1.033     | 0.023     | 2.129 | 0.023     | 0.02      | 0         | 57.2 | 56.8 | 61.5 | 159        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 2    | 23     | 43     | 1.083     | 0.072     | 2.133 | 0.016     | 0.016     | 0         | 57.2 | 56.3 | 62.4 | 158        | 157        | 0          | 25     | 26     |
| 2009 | 6     | 30  | 2    | 33     | 43     | 1.07      | 0.069     | 2.136 | 0.02      | 0.016     | 0         | 56.8 | 56.3 | 63.2 | 158        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 2    | 43     | 43     | 1.056     | 0.026     | 2.136 | 0.02      | 0.016     | 0         | 56.8 | 55.9 | 64.5 | 158        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 2    | 53     | 43     | 1.089     | 0.026     | 2.139 | 0.02      | 0.016     | 0         | 56.8 | 56.3 | 64.9 | 158        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 3    | 3      | 43     | 1.043     | 0.052     | 2.139 | 0.02      | 0.016     | 0         | 56.8 | 56.3 | 64.9 | 158        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 3    | 13     | 43     | 1.017     | 0.033     | 2.142 | 0.02      | 0.016     | 0         | 56.8 | 56.3 | 64.9 | 158        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 3    | 23     | 43     | 1.076     | 0.02      | 2.142 | 0.02      | 0.016     | 0         | 56.8 | 56.3 | 64.5 | 158        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 3    | 33     | 43     | 1.099     | 0.013     | 2.146 | 0.026     | 0.023     | 0         | 56.3 | 56.3 | 63.6 | 157        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 3    | 43     | 43     | 1.06      | 0.049     | 2.146 | 0.02      | 0.016     | 0         | 56.8 | 55.9 | 63.6 | 158        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 3    | 53     | 43     | 0.997     | 0.026     | 2.149 | 0.016     | 0.016     | 0         | 56.8 | 55.5 | 63.6 | 158        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 4    | 3      | 43     | 1.04      | 0.056     | 2.149 | 0.02      | 0.016     | 0         | 56.8 | 55.5 | 62.4 | 158        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 4    | 13     | 43     | 1.033     | 0.059     | 2.152 | 0.02      | 0.016     | 0         | 56.8 | 56.3 | 59.8 | 158        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 4    | 23     | 43     | 1.004     | 0.01      | 2.156 | 0.02      | 0.016     | 0         | 56.8 | 55.9 | 59.3 | 158        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 4    | 33     | 43     | 1.027     | 0.036     | 2.165 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 60.2 | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 4    | 43     | 43     | 0.988     | 0.026     | 2.169 | 0.02      | 0.016     | 0         | 56.8 | 56.3 | 61.1 | 158        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 4    | 53     | 43     | 1.03      | 0.026     | 2.172 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 59.8 | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 5    | 3      | 43     | 1.01      | 0.026     | 2.175 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 59.8 | 159        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 5    | 13     | 43     | 1.027     | 0.049     | 2.175 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 58.5 | 159        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 5    | 23     | 43     | 1.089     | 0.02      | 2.175 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 59.8 | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 5    | 33     | 43     | 1.109     | 0.043     | 2.178 | 0.02      | 0.016     | 0         | 57.2 | 55.9 | 60.2 | 159        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 5    | 43     | 43     | 1.047     | 0.026     | 2.178 | 0.026     | 0.023     | 0         | 57.2 | 55.9 | 58.5 | 159        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 5    | 53     | 43     | 0.974     | -0.016    | 2.182 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 58.9 | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 6    | 3      | 43     | 1.014     | -0.003    | 2.182 | 0.02      | 0.016     | 0         | 57.2 | 55.9 | 61.1 | 159        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 6    | 13     | 43     | 0.965     | 0         | 2.182 | 0.02      | 0.016     | 0         | 57.2 | 55.9 | 56.8 | 159        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 6    | 23     | 43     | 0.978     | -0.003    | 2.185 | 0.02      | 0.016     | 0         | 57.2 | 55.9 | 58   | 159        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 6    | 33     | 43     | 1.024     | 0.007     | 2.185 | 0.02      | 0.016     | 0         | 56.8 | 55.9 | 58.5 | 158        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 6    | 43     | 43     | 1.043     | 0.056     | 2.188 | 0.02      | 0.016     | 0         | 56.8 | 55.9 | 61.1 | 159        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 30  | 6    | 53     | 43     | 1.089     | 0.007     | 2.188 | 0.02      | 0.016     | 0         | 56.8 | 55.9 | 61.9 | 158        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 7    | 3      | 43     | 1.014     | 0.023     | 2.188 | 0.02      | 0.016     | 0         | 56.3 | 55.5 | 58.5 | 158        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 30  | 7    | 13     | 43     | 1.001     | 0.023     | 2.192 | 0.023     | 0.023     | 0         | 56.8 | 55.5 | 57.6 | 158        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 7    | 23     | 43     | 1.02      | 0.003     | 2.195 | 0.016     | 0.016     | 0         | 56.8 | 55.9 | 60.6 | 158        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 7    | 33     | 43     | 1.027     | 0.02      | 2.201 | 0.02      | 0.016     | 0         | 56.8 | 55.9 | 58.9 | 158        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 7    | 43     | 43     | 0.965     | 0.03      | 2.205 | 0.02      | 0.016     | 0         | 55.9 | 55   | 58.5 | 157        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 30  | 7    | 53     | 43     | 1.014     | 0         | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 55.9 | 58   | 158        | 156        | 0          | 27     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 30  | 8    | 3      | 43     | 1.014     | 0.013     | 2.211 | 0.02      | 0.016     | 0         | 56.8 | 55.9 | 58.9 | 158        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 8    | 13     | 43     | 1.001     | 0.013     | 2.215 | 0.023     | 0.02      | 0         | 56.3 | 55   | 64.1 | 157        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 8    | 23     | 43     | 0.978     | -0.01     | 2.215 | 0.02      | 0.016     | 0         | 56.8 | 55.5 | 63.6 | 158        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 8    | 33     | 43     | 1.093     | 0.059     | 2.218 | 0.02      | 0.016     | 0         | 56.8 | 55.5 | 63.2 | 158        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 8    | 43     | 43     | 1.053     | -0.003    | 2.218 | 0.016     | 0.016     | 0         | 56.3 | 55   | 65.4 | 157        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 8    | 53     | 43     | 1.047     | 0.013     | 2.218 | 0.016     | 0.016     | 0         | 56.8 | 55.5 | 64.9 | 158        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 9    | 3      | 43     | 1.004     | 0.02      | 2.221 | 0.02      | 0.016     | 0         | 56.3 | 55.5 | 65.8 | 157        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 9    | 13     | 43     | 1.03      | -0.007    | 2.221 | 0.02      | 0.016     | 0         | 56.3 | 54.6 | 65.4 | 157        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 9    | 23     | 43     | 1.053     | 0.052     | 2.221 | 0.02      | 0.016     | 0         | 56.8 | 55.5 | 61.9 | 158        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 9    | 33     | 43     | 0.981     | 0.023     | 2.224 | 0.023     | 0.02      | 0         | 55.9 | 55   | 59.3 | 157        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 30  | 9    | 43     | 43     | 1.007     | 0.013     | 2.224 | 0.023     | 0.023     | 0         | 56.8 | 55.5 | 59.8 | 158        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 9    | 53     | 43     | 1.02      | 0.026     | 2.224 | 0.02      | 0.016     | 0         | 57.2 | 55.5 | 60.2 | 159        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 10   | 3      | 43     | 1.01      | -0.003    | 2.224 | 0.02      | 0.016     | 0         | 56.8 | 55.9 | 57.2 | 158        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 10   | 13     | 43     | 1.05      | 0.043     | 2.224 | 0.016     | 0.016     | 0         | 57.2 | 56.3 | 55.9 | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 10   | 23     | 43     | 1.01      | 0.013     | 2.228 | 0.02      | 0.016     | 0         | 57.2 | 55.9 | 52.9 | 159        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 10   | 33     | 43     | 1.03      | 0.033     | 2.228 | 0.02      | 0.016     | 0         | 57.6 | 56.3 | 56.3 | 159        | 157        | 0          | 25     | 26     |
| 2009 | 6     | 30  | 10   | 43     | 43     | 1.056     | 0         | 2.228 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 58   | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 10   | 53     | 43     | 1.06      | 0.02      | 2.228 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 58.9 | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 11   | 3      | 43     | 1.01      | -0.007    | 2.228 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 58.5 | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 11   | 13     | 43     | 0.997     | 0.059     | 2.231 | 0.023     | 0.02      | 0         | 57.2 | 56.3 | 59.3 | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 11   | 23     | 43     | 1.004     | -0.007    | 2.231 | 0.016     | 0.016     | 0         | 57.2 | 56.3 | 59.3 | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 11   | 33     | 43     | 1.04      | 0.036     | 2.231 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 58.9 | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 11   | 43     | 43     | 1.056     | -0.013    | 2.234 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 59.8 | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 11   | 53     | 43     | 1.04      | 0.003     | 2.231 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 59.3 | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 12   | 3      | 43     | 1.014     | -0.01     | 2.234 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 58   | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 12   | 13     | 43     | 1.017     | 0.043     | 2.234 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 59.3 | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 12   | 23     | 43     | 1.027     | 0.007     | 2.234 | 0.02      | 0.016     | 0         | 57.6 | 56.3 | 62.4 | 159        | 157        | 0          | 25     | 26     |
| 2009 | 6     | 30  | 12   | 33     | 43     | 1.007     | 0.01      | 2.238 | 0.02      | 0.016     | 0         | 57.6 | 55.9 | 62.4 | 160        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 12   | 43     | 43     | 1.053     | -0.016    | 2.238 | 0.02      | 0.016     | 0         | 57.6 | 55.9 | 62.4 | 159        | 157        | 0          | 25     | 27     |
| 2009 | 6     | 30  | 12   | 53     | 43     | 1.037     | 0.013     | 2.238 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 58.5 | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 13   | 3      | 43     | 0.994     | 0.049     | 2.238 | 0.016     | 0.016     | 0         | 57.2 | 55.9 | 61.9 | 159        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 13   | 13     | 43     | 1.02      | 0.007     | 2.241 | 0.02      | 0.016     | 0         | 57.6 | 56.3 | 60.2 | 159        | 157        | 0          | 25     | 26     |
| 2009 | 6     | 30  | 13   | 23     | 43     | 0.974     | 0.03      | 2.247 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 61.1 | 159        | 157        | 0          | 26     | 25     |
| 2009 | 6     | 30  | 13   | 33     | 43     | 0.971     | 0.02      | 2.257 | 0.02      | 0.016     | 0         | 57.6 | 56.8 | 60.6 | 159        | 158        | 0          | 25     | 26     |
| 2009 | 6     | 30  | 13   | 43     | 43     | 1.073     | 0.01      | 2.26  | 0.02      | 0.016     | 0         | 56.8 | 56.3 | 59.3 | 158        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 13   | 53     | 43     | 0.961     | -0.007    | 2.26  | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 61.5 | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 14   | 3      | 43     | 1.01      | 0.03      | 2.264 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 62.4 | 159        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 14   | 13     | 43     | 1.007     | 0.007     | 2.264 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 61.1 | 159        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 14   | 23     | 43     | 1.03      | 0.036     | 2.264 | 0.02      | 0.016     | 0         | 57.6 | 56.8 | 61.9 | 159        | 158        | 0          | 25     | 26     |
| 2009 | 6     | 30  | 14   | 33     | 43     | 1.06      | 0         | 2.267 | 0.02      | 0.016     | 0         | 57.6 | 56.3 | 64.1 | 159        | 157        | 0          | 25     | 26     |
| 2009 | 6     | 30  | 14   | 43     | 43     | 1.01      | -0.02     | 2.267 | 0.016     | 0.016     | 0         | 57.6 | 56.3 | 63.6 | 159        | 157        | 0          | 25     | 26     |
| 2009 | 6     | 30  | 14   | 53     | 43     | 1.066     | 0.03      | 2.267 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 61.9 | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 15   | 3      | 43     | 1.004     | 0.043     | 2.267 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 63.2 | 159        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 15   | 13     | 43     | 0.988     | 0.046     | 2.267 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 64.1 | 158        | 158        | 0          | 25     | 26     |
| 2009 | 6     | 30  | 15   | 23     | 43     | 1.06      | 0.01      | 2.267 | 0.016     | 0.016     | 0         | 57.2 | 56.3 | 64.5 | 158        | 157        | 0          | 25     | 26     |
| 2009 | 6     | 30  | 15   | 33     | 43     | 0.974     | 0.016     | 2.27  | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 63.2 | 159        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 15   | 43     | 43     | 1.027     | 0.036     | 2.27  | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 64.1 | 158        | 157        | 0          | 25     | 26     |
| 2009 | 6     | 30  | 15   | 53     | 43     | 1.017     | 0.016     | 2.27  | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 60.6 | 159        | 158        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 30  | 16   | 3      | 43     | 0.994     | 0.016     | 2.27  | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 58.9 | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 16   | 13     | 43     | 1.024     | 0.02      | 2.27  | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 60.6 | 159        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 16   | 23     | 43     | 0.974     | 0.02      | 2.27  | 0.023     | 0.02      | 0         | 57.6 | 57.2 | 61.5 | 159        | 158        | 0          | 25     | 25     |
| 2009 | 6     | 30  | 16   | 33     | 43     | 1.027     | 0         | 2.27  | 0.02      | 0.016     | 0         | 57.2 | 57.2 | 61.9 | 159        | 158        | 0          | 26     | 25     |
| 2009 | 6     | 30  | 16   | 43     | 43     | 1.063     | 0.013     | 2.274 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 62.4 | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 16   | 53     | 43     | 0.974     | 0         | 2.274 | 0.02      | 0.016     | 0         | 57.6 | 56.3 | 61.5 | 159        | 157        | 0          | 25     | 26     |
| 2009 | 6     | 30  | 17   | 3      | 43     | 1.06      | 0.016     | 2.274 | 0.02      | 0.016     | 0         | 57.2 | 55.9 | 60.6 | 159        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 17   | 13     | 43     | 1.007     | 0.03      | 2.274 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 59.8 | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 17   | 23     | 43     | 1.017     | 0.013     | 2.274 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 62.4 | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 17   | 33     | 43     | 1.017     | 0.036     | 2.274 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 58.9 | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 17   | 43     | 43     | 1.043     | 0.007     | 2.277 | 0.016     | 0.016     | 0         | 57.2 | 56.3 | 61.5 | 158        | 157        | 0          | 25     | 26     |
| 2009 | 6     | 30  | 17   | 53     | 43     | 1.047     | 0.026     | 2.277 | 0.02      | 0.016     | 0         | 56.8 | 56.3 | 59.8 | 158        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 18   | 3      | 43     | 1.001     | 0.016     | 2.28  | 0.02      | 0.016     | 0         | 56.3 | 56.3 | 60.2 | 157        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 18   | 13     | 43     | 0.991     | 0.043     | 2.283 | 0.023     | 0.023     | 0         | 56.8 | 56.3 | 55.9 | 158        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 18   | 23     | 43     | 1.066     | 0.013     | 2.287 | 0.02      | 0.016     | 0         | 56.8 | 56.3 | 60.6 | 158        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 18   | 33     | 43     | 1.014     | 0.03      | 2.29  | 0.02      | 0.016     | 0         | 56.3 | 56.8 | 58.5 | 157        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 18   | 43     | 43     | 1.004     | 0.013     | 2.293 | 0.02      | 0.016     | 0         | 56.3 | 56.8 | 59.3 | 158        | 158        | 0          | 27     | 26     |
| 2009 | 6     | 30  | 18   | 53     | 43     | 1.014     | 0.023     | 2.293 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 60.6 | 158        | 158        | 0          | 25     | 27     |
| 2009 | 6     | 30  | 19   | 3      | 43     | 1.02      | 0.013     | 2.297 | 0.016     | 0.016     | 0         | 56.8 | 56.8 | 60.6 | 158        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 19   | 13     | 43     | 0.951     | 0.02      | 2.297 | 0.02      | 0.016     | 0         | 56.8 | 56.8 | 54.2 | 158        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 19   | 23     | 43     | 1.004     | 0.039     | 2.297 | 0.02      | 0.016     | 0         | 56.8 | 56.8 | 57.2 | 158        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 19   | 33     | 43     | 1.053     | 0.016     | 2.297 | 0.023     | 0.02      | 0         | 56.8 | 56.3 | 60.2 | 158        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 19   | 43     | 43     | 1.007     | 0.02      | 2.3   | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 56.3 | 158        | 157        | 0          | 25     | 26     |
| 2009 | 6     | 30  | 19   | 53     | 43     | 1.07      | -0.01     | 2.297 | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 47.3 | 158        | 158        | 0          | 25     | 26     |
| 2009 | 6     | 30  | 20   | 3      | 43     | 1.073     | 0.013     | 2.3   | 0.02      | 0.016     | 0         | 56.8 | 56.8 | 56.3 | 158        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 20   | 13     | 43     | 1.007     | 0.056     | 2.3   | 0.02      | 0.016     | 0         | 57.2 | 56.8 | 61.9 | 158        | 158        | 0          | 25     | 26     |
| 2009 | 6     | 30  | 20   | 23     | 43     | 1.007     | -0.003    | 2.3   | 0.026     | 0.026     | 0         | 56.8 | 55.9 | 60.6 | 158        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 20   | 33     | 43     | 1.047     | 0         | 2.303 | 0.016     | 0.016     | 0         | 57.6 | 56.3 | 60.6 | 159        | 157        | 0          | 25     | 26     |
| 2009 | 6     | 30  | 20   | 43     | 43     | 1.024     | 0.039     | 2.303 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 58.9 | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 20   | 53     | 43     | 1.001     | 0.036     | 2.303 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 60.2 | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 21   | 3      | 43     | 1.004     | -0.01     | 2.303 | 0.016     | 0.016     | 0         | 57.2 | 55.9 | 60.2 | 159        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 21   | 13     | 43     | 1.007     | 0.033     | 2.303 | 0.02      | 0.016     | 0         | 57.2 | 56.3 | 60.2 | 159        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 21   | 23     | 43     | 1.066     | 0.085     | 2.303 | 0.02      | 0.016     | 0         | 57.2 | 55.9 | 59.3 | 159        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 21   | 33     | 43     | 1.017     | 0.036     | 2.303 | 0.02      | 0.016     | 0         | 57.2 | 55.9 | 54.6 | 159        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 21   | 43     | 43     | 1.089     | 0.007     | 2.303 | 0.02      | 0.016     | 0         | 56.8 | 55.9 | 56.3 | 159        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 30  | 21   | 53     | 43     | 0.971     | 0.02      | 2.303 | 0.016     | 0.016     | 0         | 57.2 | 55.5 | 58   | 159        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 22   | 3      | 43     | 1.014     | 0.013     | 2.306 | 0.02      | 0.016     | 0         | 56.8 | 55.9 | 57.2 | 158        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 22   | 13     | 43     | 0.991     | 0.039     | 2.306 | 0.02      | 0.016     | 0         | 56.8 | 56.3 | 58.5 | 158        | 156        | 0          | 26     | 25     |
| 2009 | 6     | 30  | 22   | 23     | 43     | 1.02      | 0.069     | 2.306 | 0.02      | 0.016     | 0         | 57.2 | 55.5 | 58.9 | 158        | 156        | 0          | 25     | 27     |
| 2009 | 6     | 30  | 22   | 33     | 43     | 1.001     | 0.043     | 2.306 | 0.02      | 0.016     | 0         | 57.2 | 55.9 | 58   | 158        | 156        | 0          | 25     | 26     |
| 2009 | 6     | 30  | 22   | 43     | 43     | 1.056     | 0.043     | 2.31  | 0.02      | 0.016     | 0         | 57.2 | 55.9 | 57.6 | 159        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 22   | 53     | 43     | 1.04      | 0.049     | 2.31  | 0.02      | 0.016     | 0         | 56.8 | 55.5 | 57.6 | 158        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 23   | 3      | 43     | 1.043     | 0.036     | 2.313 | 0.016     | 0.016     | 0         | 56.8 | 55.5 | 57.2 | 157        | 155        | 0          | 25     | 26     |
| 2009 | 6     | 30  | 23   | 13     | 43     | 1.05      | 0.043     | 2.313 | 0.016     | 0.016     | 0         | 55.9 | 55   | 57.6 | 156        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 23   | 23     | 43     | 0.994     | 0.059     | 2.313 | 0.02      | 0.016     | 0         | 55.9 | 55   | 58   | 156        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 23   | 33     | 43     | 1.017     | 0.023     | 2.316 | 0.016     | 0.016     | 0         | 55.9 | 55   | 48.2 | 156        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 23   | 43     | 43     | 1.014     | 0.066     | 2.32  | 0.016     | 0.016     | 0         | 56.3 | 55.5 | 53.8 | 157        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 23   | 53     | 43     | 1.047     | 0.03      | 2.32  | 0.016     | 0.016     | 0         | 56.3 | 55   | 56.3 | 157        | 154        | 0          | 26     | 26     |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 1   | 0    | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 0    | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 0    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 0    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 0    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 0    | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 1    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 1    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 1    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 1    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 1    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 1    | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 4    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 4    | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 4    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 4    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 4    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 4    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 5    | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 5    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 5    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 5    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 5    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 5    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 6    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 6    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 6    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 6    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 6    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 6    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 7    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 7    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 7    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 7    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 7    | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 7    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 1   | 8    | 0      | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 8    | 10     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 8    | 20     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 8    | 30     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 8    | 40     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 8    | 50     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 9    | 0      | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 9    | 10     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 9    | 20     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 9    | 30     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 9    | 40     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 9    | 50     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 10   | 0      | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 10   | 10     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 10   | 20     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 10   | 30     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 10   | 40     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 10   | 50     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 11   | 0      | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 11   | 10     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 11   | 20     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 11   | 30     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 11   | 40     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 11   | 50     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 12   | 0      | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 12   | 10     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 12   | 20     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 12   | 30     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 12   | 40     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 12   | 50     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 13   | 0      | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 13   | 10     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 13   | 20     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 13   | 30     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 13   | 40     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 13   | 50     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 14   | 0      | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 14   | 10     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 14   | 20     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 14   | 30     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 14   | 40     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 14   | 50     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 15   | 0      | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 15   | 10     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 15   | 20     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 15   | 30     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12      |
| 2009 | 6     | 1   | 15   | 40     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 12      |
| 2009 | 6     | 1   | 15   | 50     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 1   | 16   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 16   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 16   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 16   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 16   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 16   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12      |
| 2009 | 6     | 1   | 17   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 17   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 17   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 17   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12      |
| 2009 | 6     | 1   | 17   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 17   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 18   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 18   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 18   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 18   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 18   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 1   | 18   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 19   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 19   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 12      |
| 2009 | 6     | 1   | 19   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 19   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 19   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 19   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 20   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12      |
| 2009 | 6     | 1   | 20   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 20   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 20   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 20   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 20   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 21   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 21   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 21   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 21   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 21   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 21   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 22   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 22   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 22   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 22   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 22   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 22   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 23   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 23   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 23   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 23   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 23   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 23   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 2   | 0    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 0    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 0    | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 0    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 0    | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 0    | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 1    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 1    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 1    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 1    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 1    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 1    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 2    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 2    | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 2    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 2    | 30     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 2    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 2    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 3    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 3    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 3    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 3    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 3    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 3    | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 4    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 4    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 4    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 4    | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 4    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 4    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 5    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 5    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 5    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 5    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 5    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 5    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 6    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 6    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 6    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 6    | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 6    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 6    | 50     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 7    | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 7    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 7    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 7    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 7    | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 7    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 2   | 8    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 8    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 8    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 8    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 8    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 8    | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 9    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 9    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 9    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 9    | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 9    | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 9    | 50     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 10   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 10   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 10   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 10   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 10   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 10   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 11   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 11   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 11   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 11   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 11   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 11   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 12   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 12   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 12   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 12   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 12   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 12   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 13   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 13   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 13   | 20     | 36     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 13   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 13   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 13   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 14   | 0      | 36     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 14   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 14   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 14   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 14   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 14   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 15   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 15   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 15   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 15   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 15   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 15   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 2   | 16   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 16   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 16   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 16   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 16   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 16   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 17   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 17   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 17   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 17   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 17   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 17   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 18   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 18   | 10     | 36     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 18   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 18   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 18   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 18   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 19   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 19   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 19   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 19   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 19   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 19   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 20   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 20   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 20   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 20   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 20   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 20   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 21   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 21   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 21   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 21   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 21   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 21   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 22   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12      |
| 2009 | 6     | 2   | 22   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 22   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 22   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 22   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 22   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 23   | 0      | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 23   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 23   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 23   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 23   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 23   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 3   | 0    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 0    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 0    | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 0    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 0    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 0    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 1    | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 1    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 1    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 1    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 1    | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 1    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 2    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 2    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 2    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 2    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 2    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 2    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 3    | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 3    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 3    | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 3    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 3    | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 3    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 4    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 4    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 4    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 4    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 4    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 4    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 5    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 5    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 5    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 5    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 5    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 5    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 6    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 6    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 6    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 6    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 6    | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 6    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 7    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 7    | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 7    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 7    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 7    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 7    | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 3   | 8    | 0      | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 8    | 10     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 8    | 20     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 8    | 30     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 8    | 40     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 8    | 50     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 9    | 0      | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 9    | 10     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 9    | 20     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 9    | 30     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 9    | 40     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 9    | 50     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 10   | 0      | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 10   | 10     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 10   | 20     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 10   | 30     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 10   | 40     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 10   | 50     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 11   | 0      | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 11   | 10     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 11   | 20     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 11   | 30     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 11   | 40     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 11   | 50     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 12   | 0      | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 12   | 10     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 12   | 20     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 12   | 30     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 12   | 40     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 12   | 50     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 13   | 0      | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 13   | 10     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 13   | 20     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 13   | 30     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 13   | 40     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 13   | 50     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 14   | 0      | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 14   | 10     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 14   | 20     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12      |
| 2009 | 6     | 3   | 14   | 30     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 14   | 40     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 14   | 50     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 15   | 0      | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 15   | 10     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 15   | 20     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12      |
| 2009 | 6     | 3   | 15   | 30     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 15   | 40     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 15   | 50     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 3   | 16   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 16   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 16   | 20     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 16   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 16   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 16   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 17   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 17   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 17   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 17   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 17   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 17   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 18   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 18   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 18   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 18   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 18   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 18   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 19   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 19   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 19   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 19   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 19   | 40     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 19   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 20   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 20   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 20   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 20   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 20   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 20   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 21   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 21   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 21   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 21   | 30     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 21   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 21   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 22   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 22   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 22   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 22   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 22   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 22   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 23   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 23   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 23   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 23   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 23   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 23   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.98       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 4   | 0    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 0    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 0    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 0    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 0    | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 0    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 1    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 1    | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 1    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 1    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 1    | 40     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 1    | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 30     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 50     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 0      | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 50     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.5        | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 30     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59          | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 30     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 40     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 50     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 7    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 7    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 7    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 7    | 30     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 7    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 7    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59          | 0        | 0              | 12      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 4   | 8    | 0      | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 8    | 10     | 36     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 8    | 20     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.34       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 8    | 30     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.47       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 8    | 40     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.63       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 8    | 50     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.81       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 9    | 0      | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.99       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 9    | 10     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.19       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 9    | 20     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.37       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 9    | 30     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.58       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 9    | 40     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.78       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 9    | 50     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.98       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 10   | 0      | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.2        | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 10   | 10     | 36     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.43       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 10   | 20     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.65       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 10   | 30     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.88       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 10   | 40     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 10   | 50     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 11   | 0      | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 11   | 10     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 11   | 20     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 11   | 30     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 11   | 40     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 11   | 50     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 12   | 0      | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 12   | 10     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 12   | 20     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 12   | 30     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 12   | 40     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 12   | 50     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 13   | 0      | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 13   | 10     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 13   | 20     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 13   | 30     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 13   | 40     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 13   | 50     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 14   | 0      | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 14   | 10     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 14   | 20     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 14   | 30     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 14   | 40     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 14   | 50     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 15   | 0      | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 15   | 10     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 15   | 20     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 15   | 30     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 15   | 40     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 15   | 50     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 4   | 16   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 16   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 16   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 16   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 16   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 16   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 17   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 17   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 17   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 17   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 17   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 17   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 18   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12      |
| 2009 | 6     | 4   | 18   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 18   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12      |
| 2009 | 6     | 4   | 18   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 18   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 18   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 19   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 12      |
| 2009 | 6     | 4   | 19   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 12      |
| 2009 | 6     | 4   | 19   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 12      |
| 2009 | 6     | 4   | 19   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 19   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 19   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 20   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.93       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 20   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.77       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 20   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.65       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 20   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.5        | 0        | 0              | 12      |
| 2009 | 6     | 4   | 20   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.38       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 20   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.25       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 21   | 0      | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.12       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 21   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.02       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 21   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.91       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 21   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.85       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 21   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.78       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 21   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.75       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 22   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.69       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 22   | 10     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.66       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 22   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.62       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 22   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.58       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 22   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.55       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 22   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.51       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 23   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.46       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 23   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 23   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 23   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 23   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 23   | 50     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.28       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 5   | 0    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 0    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 0    | 20     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 0    | 30     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 0    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 0    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 1    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 1    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 1    | 20     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 1    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 1    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 1    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 2    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 2    | 10     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 2    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 2    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 2    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 2    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 3    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 3    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 3    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 3    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 3    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 3    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 4    | 0      | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 4    | 10     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 4    | 20     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 4    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 4    | 40     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 4    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 5    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 5    | 10     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 5    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 5    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 5    | 40     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 5    | 50     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 6    | 0      | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 6    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 6    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 6    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 6    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 6    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 7    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 7    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.04       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 7    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 7    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 7    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 7    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.31       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 5   | 8    | 0      | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 8    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 8    | 20     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 8    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 8    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 8    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 9    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 9    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 9    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 9    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.85       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 9    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 9    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 10   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 10   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.93       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 10   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 10   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 10   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 10   | 50     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 11   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 11   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 11   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 11   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 11   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 11   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 12   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 12   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 12   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 12   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 12   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 12   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 13   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 13   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 13   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 13   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 13   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 13   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 14   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 14   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 14   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 14   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 14   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 14   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 15   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 15   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 15   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 15   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 15   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 15   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 5   | 16   | 0      | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 16   | 10     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 16   | 20     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 16   | 30     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 16   | 40     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 16   | 50     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 17   | 0      | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 17   | 10     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 17   | 20     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 17   | 30     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 17   | 40     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 17   | 50     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 18   | 0      | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 18   | 10     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 18   | 20     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12      |
| 2009 | 6     | 5   | 18   | 30     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 18   | 40     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 18   | 50     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 19   | 0      | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 19   | 10     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 19   | 20     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 19   | 30     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12      |
| 2009 | 6     | 5   | 19   | 40     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 19   | 50     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 20   | 0      | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 12      |
| 2009 | 6     | 5   | 20   | 10     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 20   | 20     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 20   | 30     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 20   | 40     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 20   | 50     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 21   | 0      | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 21   | 10     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 21   | 20     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 21   | 30     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 21   | 40     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 21   | 50     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 22   | 0      | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 22   | 10     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.99       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 22   | 20     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.92       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 22   | 30     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 22   | 40     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.75       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 22   | 50     | 36     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 23   | 0      | 36     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.59       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 23   | 10     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 23   | 20     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 23   | 30     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 23   | 40     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 23   | 50     | 36     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.27       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 6   | 0    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 0    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 0    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 0    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 0    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 0    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61          | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 1    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 1    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 1    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 1    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 1    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 1    | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 2    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 2    | 10     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 2    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 2    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 2    | 40     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 2    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 3    | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 3    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 3    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 3    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 3    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 3    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 4    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 4    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 4    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 4    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 4    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 4    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 5    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 5    | 10     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 5    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 5    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 5    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 5    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 6    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 6    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 6    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 6    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 6    | 40     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 6    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 7    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 7    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 7    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 7    | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 7    | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 7    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.12       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 6   | 8    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 8    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 8    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 8    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 8    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 8    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 9    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 9    | 10     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 9    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 9    | 30     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 9    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 9    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 10   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 10   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.71       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 10   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.76       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 10   | 30     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 10   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 10   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.11       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 11   | 0      | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.23       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 11   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.36       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 11   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.65       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 11   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 11   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.2        | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 11   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 12   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 12   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 12   | 20     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 12   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 12   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 12   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 13   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 13   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 13   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 13   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 13   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 13   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 14   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 14   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 14   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 14   | 30     | 36     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 14   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 14   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 15   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 15   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 15   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 15   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 15   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 15   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 6   | 16   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 16   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 16   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 16   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 16   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 16   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 17   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 17   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 17   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 17   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 17   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 17   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 18   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 18   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 18   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 18   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 18   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 18   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 12      |
| 2009 | 6     | 6   | 19   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 19   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 19   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 19   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 12      |
| 2009 | 6     | 6   | 19   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 19   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 20   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 20   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 20   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 20   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 20   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 12      |
| 2009 | 6     | 6   | 20   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 21   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.49       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 21   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 21   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 21   | 30     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 21   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.29       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 21   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 22   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.2        | 0        | 0              | 12      |
| 2009 | 6     | 6   | 22   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 22   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 22   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 22   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 22   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 23   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 23   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 23   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 23   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 23   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 23   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.61       | 0        | 0              | 11.8    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 7   | 0    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 0    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 0    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 0    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 0    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 0    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 1    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 1    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 1    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 1    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 1    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 1    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 2    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 2    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 2    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 2    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 2    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 2    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 3    | 0      | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 3    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 3    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 3    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 3    | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 3    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 4    | 0      | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 4    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 4    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 4    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 4    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 4    | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 5    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 5    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 5    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 5    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 5    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 5    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 6    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 6    | 10     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 6    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 6    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 6    | 40     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 6    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 7    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 7    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 7    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 7    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 7    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 7    | 50     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.75       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 7   | 8    | 0      | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 8    | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 8    | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 8    | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.11       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 8    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 8    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 9    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 9    | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 9    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 9    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 9    | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 9    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.49       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 10   | 0      | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 10   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 10   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 10   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 10   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 10   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 11   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 11   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 11   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 11   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 11   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 11   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 12   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 12   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 12   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 12   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 12   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 12   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 13   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 13   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 13   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 13   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 13   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 13   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 14   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 14   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 14   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 14   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 14   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 14   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 15   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 15   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 15   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 15   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 15   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 15   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 7   | 16   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 16   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 16   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 16   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 16   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 16   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 17   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 17   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 17   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 17   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 17   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 17   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 18   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 18   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 18   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12      |
| 2009 | 6     | 7   | 18   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12      |
| 2009 | 6     | 7   | 18   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 18   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 19   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 19   | 10     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12      |
| 2009 | 6     | 7   | 19   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 19   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 19   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 19   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 20   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 20   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 20   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 20   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 20   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 20   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 21   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 21   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 21   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 21   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12      |
| 2009 | 6     | 7   | 21   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 21   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 22   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 22   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 22   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 22   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 22   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 22   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 23   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 23   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 23   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 23   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 23   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 23   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 8   | 0    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 0    | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 0    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 0    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 0    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 0    | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 1    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 1    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 1    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 1    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 1    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 1    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 2    | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 2    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 2    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 2    | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 2    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 2    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 3    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 3    | 10     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 3    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 3    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 3    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 3    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 4    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 4    | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 4    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 4    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 4    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 4    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 5    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 5    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 5    | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 5    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 5    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 5    | 50     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 6    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 6    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 6    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 6    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 6    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 6    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 7    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 7    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 7    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 7    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 7    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 7    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 8   | 8    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 8    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 8    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 8    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 8    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 8    | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 9    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 9    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 9    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 9    | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 9    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 9    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 10   | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 10   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 10   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 10   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 10   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 10   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 11   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 11   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 11   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 11   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 11   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 11   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 12   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 12   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 12   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 12   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 12   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 12   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 13   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 13   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 13   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 13   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 13   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 13   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 14   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 14   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 14   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 14   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 14   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 14   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 15   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 15   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 15   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 15   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 15   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 15   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 8   | 16   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 16   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 16   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 16   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 16   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 16   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 17   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 17   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 17   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 17   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 17   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 17   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 18   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 18   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 18   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 18   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 18   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 18   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 19   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 19   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 19   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 19   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 19   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 19   | 50     | 36     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 20   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 20   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12      |
| 2009 | 6     | 8   | 20   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 20   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 20   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 20   | 50     | 36     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 21   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12      |
| 2009 | 6     | 8   | 21   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 21   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 21   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 21   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 21   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 22   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 22   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 22   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 22   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 22   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 22   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 23   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12      |
| 2009 | 6     | 8   | 23   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 23   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 23   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 23   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 23   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 9   | 0    | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 0    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 0    | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 0    | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 0    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 0    | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 1    | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 1    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 1    | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 1    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 1    | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 1    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 2    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 2    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 2    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 2    | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 2    | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 2    | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 3    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 3    | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 3    | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 3    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 3    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 3    | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 4    | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 4    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 4    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 4    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 4    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 4    | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 5    | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 5    | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 5    | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 5    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 5    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 5    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 6    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 6    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 6    | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 6    | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 6    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 6    | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 7    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 7    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 7    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12      |
| 2009 | 6     | 9   | 7    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 7    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12      |
| 2009 | 6     | 9   | 7    | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 9   | 8    | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 8    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 8    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 8    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 8    | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 8    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 9    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 9    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 9    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 9    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 9    | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 9    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 10   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 10   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 10   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 10   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 10   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 10   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 11   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 11   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 11   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 11   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 11   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 11   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 13.2    |
| 2009 | 6     | 9   | 12   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 12   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 12   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 13.2    |
| 2009 | 6     | 9   | 12   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 12   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 12   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 13   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 13   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 13   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 13   | 30     | 36     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 13      |
| 2009 | 6     | 9   | 13   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 13   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 14   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 14   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 14   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 14   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 14   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 14   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 15   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 15   | 10     | 36     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 15   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 15   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 15   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 15   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 12.4    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 9   | 16   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 16   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 16   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 16   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 16   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 16   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 17   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 17   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 17   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 17   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 17   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 17   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 18   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 18   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 18   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 18   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 18   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 18   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 19   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 19   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 19   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12      |
| 2009 | 6     | 9   | 19   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 19   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 19   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 20   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 20   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 20   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 9   | 20   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 20   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 20   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 21   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 21   | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 21   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 21   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 21   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 21   | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12      |
| 2009 | 6     | 9   | 22   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 22   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 22   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 22   | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 22   | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12      |
| 2009 | 6     | 9   | 22   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 23   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 23   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 23   | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 23   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 23   | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 23   | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 10  | 0    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 0    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 0    | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 0    | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 0    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 0    | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 1    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 1    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 1    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 1    | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 1    | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 1    | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 2    | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 2    | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 2    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 2    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 2    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 2    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 3    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 3    | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 3    | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 3    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 3    | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 3    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 4    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 4    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 4    | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 4    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 4    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 4    | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 5    | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 5    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 5    | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 5    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 5    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 5    | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 6    | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 6    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 6    | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 6    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 6    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 6    | 50     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 7    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 7    | 10     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 7    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 7    | 30     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 7    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 7    | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 10  | 8    | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 8    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 8    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 8    | 30     | 36     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 8    | 40     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 8    | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 9    | 0      | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 9    | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 9    | 20     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 9    | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 9    | 40     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 9    | 50     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 10   | 0      | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 10   | 10     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 10   | 20     | 36     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 10   | 30     | 36     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 10   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 10   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 11   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 11   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 11   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 11   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 11   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 11   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 12   | 4      | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 12   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 12   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 12   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 12   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 12   | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 13   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 13   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 13   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 13   | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 13   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 13   | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 14   | 4      | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 14   | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 14   | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 14   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 14   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 14   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 15   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 15   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 15   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 15   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 15   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 15   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 10  | 16   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 16   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 16   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 16   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 16   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 16   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 17   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 17   | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 17   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 17   | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12      |
| 2009 | 6     | 10  | 17   | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 17   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 18   | 4      | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 18   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 18   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12      |
| 2009 | 6     | 10  | 18   | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 18   | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 18   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 19   | 4      | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 19   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 19   | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 19   | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 19   | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 19   | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 20   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 20   | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 20   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 20   | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12      |
| 2009 | 6     | 10  | 20   | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 20   | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 21   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 21   | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 21   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 21   | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 21   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 21   | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 22   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 22   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 22   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 22   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 22   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 22   | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 23   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 23   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 23   | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 23   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 23   | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 23   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 11  | 0    | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 0    | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 0    | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 0    | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 0    | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 0    | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 1    | 4      | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 1    | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 1    | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 1    | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 1    | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 1    | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 2    | 4      | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 2    | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 2    | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 2    | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 2    | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 2    | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 3    | 4      | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 3    | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 3    | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 3    | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 3    | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 3    | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 4    | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 4    | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 4    | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 4    | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 4    | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 4    | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 5    | 4      | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 5    | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 5    | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 5    | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 5    | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 5    | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 6    | 4      | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 6    | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 6    | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 6    | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 6    | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 6    | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 7    | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 7    | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 7    | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 7    | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 7    | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 7    | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 11  | 8    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 8    | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 8    | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 8    | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 8    | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 8    | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 9    | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 9    | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 9    | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 9    | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 9    | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 9    | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 10   | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 10   | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 10   | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 10   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 10   | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 10   | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 11   | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 11   | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 11   | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 11   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 11   | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 11   | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 12   | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 13      |
| 2009 | 6     | 11  | 12   | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 12   | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 12   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 12   | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 12   | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 13   | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 13   | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 13      |
| 2009 | 6     | 11  | 13   | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 13   | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 13   | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 13   | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 14   | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 14   | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 14   | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 14   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 14   | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 14   | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 15   | 4      | 57     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 15   | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 15   | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 15   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 15   | 44     | 57     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 15   | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 11  | 16   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 16   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 16   | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 16   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 16   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 16   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 17   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 17   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 17   | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 17   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 17   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 17   | 54     | 57     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 18   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 18   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 18   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 18   | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 18   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 18   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 19   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 19   | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 19   | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 19   | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 19   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12      |
| 2009 | 6     | 11  | 19   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 20   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 20   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 20   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 20   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 20   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 20   | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 21   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 21   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 21   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 21   | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 21   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 21   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 22   | 4      | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 22   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 22   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 22   | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12      |
| 2009 | 6     | 11  | 22   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 22   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 23   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12      |
| 2009 | 6     | 11  | 23   | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 23   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 23   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 23   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 23   | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 12  | 0    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 0    | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12      |
| 2009 | 6     | 12  | 0    | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 0    | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 0    | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 0    | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 1    | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 1    | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12      |
| 2009 | 6     | 12  | 1    | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 1    | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 1    | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 1    | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 2    | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 2    | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 2    | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 2    | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 2    | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 2    | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 3    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 3    | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 3    | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 3    | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 3    | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 3    | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 4    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 4    | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 4    | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 4    | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 4    | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 4    | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 5    | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 5    | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 5    | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 5    | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 5    | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 5    | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 6    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 6    | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 6    | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 6    | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 6    | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 6    | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 7    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 7    | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 7    | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 7    | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 7    | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 7    | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 12  | 8    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 8    | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 8    | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 8    | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 8    | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 8    | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 9    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 9    | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 9    | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 9    | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 9    | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 9    | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 10   | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 10   | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 10   | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 10   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 10   | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 10   | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 11   | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 11   | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 11   | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 11   | 34     | 57     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 11   | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 11   | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 12   | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 12   | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 12   | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 12   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 12   | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 12   | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 13   | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 13   | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 13   | 24     | 57     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 13   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 13   | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 13   | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 14   | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 14   | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 14   | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 14   | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 14   | 44     | 57     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 14   | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 15   | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 15   | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 15   | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 15   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 15   | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 15   | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 12  | 16   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 16   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 16   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 16   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 16   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 16   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 17   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 17   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 17   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 17   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 17   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 17   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 18   | 4      | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 18   | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 18   | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 18   | 34     | 57     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 18   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 18   | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 19   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 19   | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 19   | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 19   | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 19   | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 19   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 20   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 20   | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12      |
| 2009 | 6     | 12  | 20   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 20   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 20   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 20   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 21   | 4      | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 21   | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 21   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 21   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 21   | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 21   | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 22   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 22   | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12      |
| 2009 | 6     | 12  | 22   | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 22   | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 22   | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 22   | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 23   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 23   | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 23   | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 23   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 23   | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 23   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 13  | 0    | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 0    | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 0    | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 0    | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12      |
| 2009 | 6     | 13  | 0    | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 0    | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 1    | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 1    | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 1    | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 1    | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 1    | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 1    | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 2    | 4      | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 2    | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 2    | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 2    | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 2    | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 2    | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 3    | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 3    | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 3    | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 3    | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 3    | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 3    | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 4    | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 4    | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 4    | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 4    | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 4    | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 4    | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 5    | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 5    | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 5    | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 5    | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 5    | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 5    | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 6    | 4      | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 6    | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 6    | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 6    | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 6    | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 6    | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 7    | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 7    | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 7    | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 7    | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 7    | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 7    | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 13  | 8    | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 8    | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 8    | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 8    | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 8    | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 8    | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 9    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 9    | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 9    | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 9    | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 9    | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 9    | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 10   | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 10   | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 10   | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 10   | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 10   | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 10   | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 11   | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 11   | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 11   | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 13      |
| 2009 | 6     | 13  | 11   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 11   | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 11   | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 12   | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 12   | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 12   | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 12   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 12   | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 12   | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 13   | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 13   | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 13   | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 13   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 13   | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 13   | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 14   | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 14   | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 13      |
| 2009 | 6     | 13  | 14   | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 13      |
| 2009 | 6     | 13  | 14   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 13      |
| 2009 | 6     | 13  | 14   | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 14   | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 15   | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 15   | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 15   | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 15   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 15   | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 15   | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 13  | 16   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 16   | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 16   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 16   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 16   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 16   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 17   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 17   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 17   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 17   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 17   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 17   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 18   | 4      | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 18   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 18   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 18   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 18   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 18   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 19   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 19   | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 19   | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12      |
| 2009 | 6     | 13  | 19   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 19   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 19   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 20   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 20   | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12      |
| 2009 | 6     | 13  | 20   | 24     | 57     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 20   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12      |
| 2009 | 6     | 13  | 20   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 20   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 21   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 21   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 13  | 21   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 12      |
| 2009 | 6     | 13  | 21   | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 21   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 21   | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 22   | 4      | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 22   | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 22   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 22   | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 22   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 22   | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 23   | 4      | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12      |
| 2009 | 6     | 13  | 23   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 23   | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 23   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 23   | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 23   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 14  | 0    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 0    | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 0    | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 0    | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 0    | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12      |
| 2009 | 6     | 14  | 0    | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 1    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 1    | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 1    | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 1    | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 1    | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 1    | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 2    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 2    | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 2    | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 2    | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 2    | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 2    | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 3    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 3    | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 3    | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 3    | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 3    | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 3    | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 4    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 4    | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 4    | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 4    | 34     | 57     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 4    | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 4    | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 5    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 5    | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 5    | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 5    | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 5    | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 5    | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 6    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 6    | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 6    | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 6    | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 6    | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 6    | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 7    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 7    | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 7    | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 7    | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 12      |
| 2009 | 6     | 14  | 7    | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 7    | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 14  | 8    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 8    | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 8    | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 8    | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 8    | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 8    | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 9    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 9    | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 9    | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 9    | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 9    | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 9    | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 10   | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 10   | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 10   | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 10   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 10   | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 10   | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 11   | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 11   | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 11   | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 13      |
| 2009 | 6     | 14  | 11   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 11   | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 11   | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 12   | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 12   | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 12   | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 12   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 12   | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 12   | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 13   | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 13   | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 13   | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 13   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 13   | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 13   | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 14   | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 14   | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 14   | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 14   | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 14   | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 14   | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 15   | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 15   | 14     | 57     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 15   | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 15   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 15   | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 15   | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 14  | 16   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 16   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 16   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 16   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 16   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 16   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 17   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 17   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 17   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 17   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 17   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 17   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 18   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 18   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 18   | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 18   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 18   | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 18   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 19   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 19   | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 19   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 19   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 19   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 19   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12      |
| 2009 | 6     | 14  | 20   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 20   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 20   | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 20   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 20   | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 20   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 21   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12      |
| 2009 | 6     | 14  | 21   | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 21   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 21   | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 21   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 21   | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 22   | 4      | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 22   | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12      |
| 2009 | 6     | 14  | 22   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 22   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 22   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 22   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 23   | 4      | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 23   | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 23   | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 23   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 23   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 23   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 15  | 0    | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 0    | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 0    | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 0    | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 0    | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 0    | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 1    | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 1    | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 1    | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 1    | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 1    | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 1    | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 2    | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 2    | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 2    | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 2    | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 2    | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 2    | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 3    | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 3    | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 3    | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 3    | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 3    | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 3    | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 4    | 4      | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 4    | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 4    | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 4    | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 4    | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 4    | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 5    | 4      | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 5    | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 5    | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 5    | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 5    | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 5    | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 6    | 4      | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 6    | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 6    | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 6    | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 6    | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 6    | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 7    | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 7    | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 7    | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 7    | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 7    | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 7    | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 15  | 8    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 8    | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 8    | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 8    | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 8    | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 8    | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 9    | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 9    | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 9    | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 9    | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 9    | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 9    | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 10   | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 10   | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 10   | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 10   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 10   | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 10   | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 11   | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 11   | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 11   | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 11   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 11   | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 13      |
| 2009 | 6     | 15  | 11   | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 13.2    |
| 2009 | 6     | 15  | 12   | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 13.2    |
| 2009 | 6     | 15  | 12   | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 13      |
| 2009 | 6     | 15  | 12   | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 13      |
| 2009 | 6     | 15  | 12   | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 12   | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 13.2    |
| 2009 | 6     | 15  | 12   | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 13.2    |
| 2009 | 6     | 15  | 13   | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 13   | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 13   | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 13   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 13      |
| 2009 | 6     | 15  | 13   | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 13   | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 14   | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 14   | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 14   | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 14   | 34     | 57     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 14   | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 14   | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 15   | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 15   | 14     | 57     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 15   | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 15   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 15   | 44     | 57     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 15   | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 15  | 16   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 16   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 16   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 16   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 16   | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 16   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 17   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 17   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 17   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 17   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 17   | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 17   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 18   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 18   | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 18   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 18   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 18   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 18   | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 19   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 19   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 19   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 19   | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 19   | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 19   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 20   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 20   | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 20   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 20   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 20   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 20   | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 21   | 4      | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 21   | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 21   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 21   | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 21   | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 21   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 22   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 22   | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 22   | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 22   | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 22   | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 22   | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 23   | 4      | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 23   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 23   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 23   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 23   | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 23   | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 16  | 0    | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 0    | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 0    | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 0    | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 0    | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 0    | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 1    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 1    | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 1    | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 1    | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 1    | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 1    | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 2    | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 2    | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 2    | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 2    | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 2    | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 2    | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 3    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 3    | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 3    | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 3    | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 3    | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 3    | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 4    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 4    | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 4    | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 4    | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 4    | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 4    | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 5    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 5    | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 5    | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 5    | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 5    | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 5    | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 6    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 6    | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 6    | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 6    | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 6    | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 6    | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 7    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 7    | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 7    | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 7    | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 7    | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 7    | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 16  | 8    | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 8    | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 8    | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 8    | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 8    | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 8    | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 9    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 9    | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 9    | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 9    | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 9    | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 9    | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 10   | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 10   | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 10   | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 10   | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 10   | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 10   | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 11   | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 11   | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 11   | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 11   | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 11   | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 11   | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 12   | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 12   | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 12   | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 12   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 12   | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 12   | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 13   | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 13   | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 13   | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 13   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 13   | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 13   | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 14   | 4      | 57     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 14   | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 14   | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 14   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 14   | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 14   | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 15   | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 15   | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 15   | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 15   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 15   | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 15   | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 16  | 16   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 16   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 16   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 16   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 16   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 16   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 17   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 17   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 17   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 17   | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 17   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 17   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 18   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 18   | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 18   | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 18   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 18   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 18   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 19   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 19   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 19   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 19   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 19   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 19   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 20   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 20   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 20   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12      |
| 2009 | 6     | 16  | 20   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 20   | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 20   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 21   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 21   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 21   | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 12      |
| 2009 | 6     | 16  | 21   | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 21   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 21   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 22   | 4      | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 22   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 22   | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 22   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 22   | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 22   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 23   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 23   | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 23   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 23   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 23   | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 23   | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 17  | 0    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 0    | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 0    | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 0    | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 0    | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 0    | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 1    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 1    | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 1    | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 1    | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 1    | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 1    | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 2    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 2    | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 2    | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 2    | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 2    | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 2    | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 3    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 3    | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 3    | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 3    | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 3    | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 3    | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 4    | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 4    | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 4    | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 4    | 34     | 57     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 4    | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 4    | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 5    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 5    | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 5    | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 5    | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 5    | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 5    | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 6    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 6    | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 6    | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 6    | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 6    | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 6    | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 7    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 7    | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 7    | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 7    | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 7    | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 7    | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 17  | 8    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 8    | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 8    | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 8    | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 8    | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 8    | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 9    | 4      | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 9    | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 9    | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 9    | 34     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 9    | 44     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 9    | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 10   | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 10   | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 10   | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 10   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 10   | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 10   | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 11   | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 11   | 14     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 11   | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 11   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 11   | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 13      |
| 2009 | 6     | 17  | 11   | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 13.2    |
| 2009 | 6     | 17  | 12   | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 13.2    |
| 2009 | 6     | 17  | 12   | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 13.2    |
| 2009 | 6     | 17  | 12   | 24     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 13.2    |
| 2009 | 6     | 17  | 12   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 13.2    |
| 2009 | 6     | 17  | 12   | 44     | 57     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 13.2    |
| 2009 | 6     | 17  | 12   | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 13.2    |
| 2009 | 6     | 17  | 13   | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 13.2    |
| 2009 | 6     | 17  | 13   | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 13.2    |
| 2009 | 6     | 17  | 13   | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.62       | 0        | 0              | 13.2    |
| 2009 | 6     | 17  | 13   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.6        | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 13   | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.53       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 13   | 54     | 57     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 14   | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.44       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 14   | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 14   | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 14   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 14   | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 14   | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 15   | 4      | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 15   | 14     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 15   | 24     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 15   | 34     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 15   | 44     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 15   | 54     | 57     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12.6    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 17  | 16   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 16   | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 16   | 24     | 57     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 16   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 16   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 16   | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 17   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 17   | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 17   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 17   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 17   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 17   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 18   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 18   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 18   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 18   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 18   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 18   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 19   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 12      |
| 2009 | 6     | 17  | 19   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 19   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 19   | 34     | 57     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 19   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12      |
| 2009 | 6     | 17  | 19   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 20   | 4      | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 20   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 20   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 20   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 20   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 20   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 21   | 4      | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 12      |
| 2009 | 6     | 17  | 21   | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 21   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 21   | 34     | 57     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 21   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 21   | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 22   | 4      | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 22   | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 22   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 22   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 22   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 22   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 23   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 23   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 23   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 23   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 23   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 17  | 23   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 18  | 0    | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 0    | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 0    | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 0    | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 0    | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 0    | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 1    | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 1    | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 1    | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 1    | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 1    | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 1    | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 2    | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 2    | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 2    | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 2    | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 2    | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 2    | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 3    | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 3    | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 3    | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 3    | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 3    | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 3    | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 4    | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 4    | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 4    | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 4    | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 4    | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 4    | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 5    | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 5    | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 5    | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 5    | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 5    | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 5    | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 6    | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 6    | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 6    | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 6    | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 6    | 44     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 6    | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 7    | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 7    | 14     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 7    | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 7    | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 7    | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 7    | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 18  | 8    | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 8    | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 8    | 24     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 8    | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 8    | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 8    | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 9    | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 9    | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 9    | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 9    | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 9    | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 9    | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 10   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 10   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 10   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 10   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 10   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 10   | 54     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 11   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 11   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 11   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 11   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 11   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 11   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 13      |
| 2009 | 6     | 18  | 12   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 13      |
| 2009 | 6     | 18  | 12   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 12   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 12   | 34     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 13.4    |
| 2009 | 6     | 18  | 12   | 44     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.64       | 0        | 0              | 13.4    |
| 2009 | 6     | 18  | 12   | 54     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.8        | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 13   | 4      | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.94       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 13   | 14     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.1        | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 13   | 24     | 57     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.25       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 13   | 34     | 57     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.37       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 13   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.48       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 13   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.59       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 14   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.68       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 14   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.77       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 14   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.84       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 14   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.91       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 14   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.97       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 14   | 53     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73          | 0        | 0              | 13      |
| 2009 | 6     | 18  | 15   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.04       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 15   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.06       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 15   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.09       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 15   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.09       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 15   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 15   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.04       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 18  | 16   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.04       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 16   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73          | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 16   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.91       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 16   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.86       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 16   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 16   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 17   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 17   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 17   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 17   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 17   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 17   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 18   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 18   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 18   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 18   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 18   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 18   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 19   | 3      | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 19   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 19   | 23     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 19   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 19   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 19   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 20   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 20   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 20   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 20   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 20   | 43     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 20   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 21   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 21   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 21   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 21   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 21   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 21   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 22   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 22   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 22   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 22   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 22   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 22   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 23   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 23   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 23   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 23   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 23   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 23   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 19  | 0    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 0    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 0    | 23     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 0    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 0    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 0    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 1    | 3      | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 1    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 1    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 1    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 1    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 1    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 2    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 2    | 13     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 2    | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 2    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12      |
| 2009 | 6     | 19  | 2    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 2    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 3    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 3    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 3    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 3    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 3    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 3    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 4    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 4    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 4    | 23     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 4    | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 4    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 4    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 5    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 5    | 13     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 5    | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 5    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 5    | 43     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 5    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 6    | 3      | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 6    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 6    | 23     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 6    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 6    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 6    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 7    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 7    | 13     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 7    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 7    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 7    | 43     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 7    | 53     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 19  | 8    | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 8    | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 8    | 23     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 8    | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 8    | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 8    | 53     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 9    | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 9    | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 9    | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 9    | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 9    | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 9    | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 10   | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 10   | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 10   | 23     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 10   | 33     | 43     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 10   | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 10   | 53     | 43     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.83       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 11   | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.01       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 11   | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.18       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 11   | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 11   | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.52       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 11   | 43     | 43     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.7        | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 11   | 53     | 43     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.86       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 12   | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.04       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 12   | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.18       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 12   | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.31       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 12   | 33     | 43     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.22       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 12   | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.44       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 12   | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.53       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 13   | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.54       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 13   | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.53       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 13   | 23     | 43     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.76       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 13   | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.72       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 13   | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.71       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 13   | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.67       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 14   | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.67       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 14   | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.78       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 14   | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.71       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 14   | 33     | 43     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.69       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 14   | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.62       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 14   | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.58       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 15   | 3      | 43     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.49       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 15   | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.42       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 15   | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.53       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 15   | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.44       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 15   | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.6        | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 15   | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.63       | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 19  | 16   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.74       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 16   | 13     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.76       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 16   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.8        | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 16   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.76       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 16   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.8        | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 16   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 17   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 17   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 17   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 17   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 17   | 43     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 17   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 18   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 18   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 18   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 18   | 33     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 18   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 18   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 19   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 19   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 19   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 19   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.48       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 19   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.37       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 19   | 53     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.25       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 20   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.14       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 20   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 20   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.94       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 20   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.85       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 20   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.76       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 20   | 53     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.69       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 21   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.6        | 0        | 0              | 12      |
| 2009 | 6     | 19  | 21   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 21   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 21   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 21   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 21   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 22   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 22   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 22   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 22   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 12      |
| 2009 | 6     | 19  | 22   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 22   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 23   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 23   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 23   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 23   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 23   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 23   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 20  | 0    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 0    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 0    | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 0    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 0    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 0    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 1    | 3      | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 1    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 1    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 1    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 1    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 1    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 12      |
| 2009 | 6     | 20  | 2    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 2    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 2    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 2    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 2    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 2    | 53     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12      |
| 2009 | 6     | 20  | 3    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 3    | 13     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 3    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 3    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 3    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 3    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 4    | 3      | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 4    | 13     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 4    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 4    | 33     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 4    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 4    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 5    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 5    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 5    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 5    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 5    | 43     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 5    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 6    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 6    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 6    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 6    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 6    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 6    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 7    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 7    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 7    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12      |
| 2009 | 6     | 20  | 7    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 7    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 7    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12.2    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 20  | 8    | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 8    | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 8    | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 8    | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 8    | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 8    | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 9    | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 9    | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 9    | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 9    | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 9    | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 9    | 53     | 43     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 10   | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 10   | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 10   | 23     | 43     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.82       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 10   | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.96       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 10   | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 10   | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.3        | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 11   | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.46       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 11   | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.66       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 11   | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.82       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 11   | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73          | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 11   | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.17       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 11   | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.35       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 12   | 3      | 43     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.53       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 12   | 13     | 43     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.69       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 12   | 23     | 43     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.85       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 12   | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.98       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 12   | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.12       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 12   | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.23       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 13   | 3      | 43     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.35       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 13   | 13     | 43     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.46       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 13   | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.59       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 13   | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.68       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 13   | 43     | 43     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.75       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 13   | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.82       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 14   | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.88       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 14   | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.91       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 14   | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.95       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 14   | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 75          | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 14   | 43     | 43     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 75.04       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 14   | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 75.04       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 15   | 3      | 43     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 75          | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 15   | 13     | 43     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.88       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 15   | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.77       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 15   | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.61       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 15   | 43     | 43     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.53       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 15   | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.43       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 20  | 16   | 3      | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 16   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 16   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 16   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 16   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 16   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 17   | 3      | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 17   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 17   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 17   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 17   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 17   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 18   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 18   | 13     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 18   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 18   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 18   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 18   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 19   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 19   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 19   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 19   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 19   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 12      |
| 2009 | 6     | 20  | 19   | 53     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 20   | 3      | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 20   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 20   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 20   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 20   | 43     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 20   | 53     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 21   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 21   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 21   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 21   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 21   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 21   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 22   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 22   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 22   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 22   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 22   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 22   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 23   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 23   | 13     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 23   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 23   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 23   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 23   | 53     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 21  | 0    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 0    | 13     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 0    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 0    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 0    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 0    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 1    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 1    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 1    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 1    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 1    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 1    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 2    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 2    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 2    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 2    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 2    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 2    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 3    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 3    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 3    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 3    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 3    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 3    | 53     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 4    | 3      | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 4    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 4    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 4    | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 4    | 43     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 4    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 5    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 5    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 5    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 5    | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 5    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 5    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 6    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 6    | 13     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 6    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 6    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 6    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 6    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 7    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 7    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 7    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12      |
| 2009 | 6     | 21  | 7    | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 7    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12      |
| 2009 | 6     | 21  | 7    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 21  | 8    | 3      | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 8    | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 8    | 23     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 8    | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 8    | 43     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 8    | 53     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 9    | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 9    | 13     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 9    | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 9    | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 9    | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 9    | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 10   | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 10   | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 10   | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 10   | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 10   | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 10   | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 11   | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 11   | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 11   | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 11   | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 11   | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 11   | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 13      |
| 2009 | 6     | 21  | 12   | 3      | 43     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 12   | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 12   | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 12   | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.62       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 12   | 43     | 43     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.73       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 12   | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.83       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 13   | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.94       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 13   | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 13   | 23     | 43     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.14       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 13   | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.23       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 13   | 43     | 43     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.28       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 13   | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.36       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 14   | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.41       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 14   | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.46       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 14   | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.5        | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 14   | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.54       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 14   | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.55       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 14   | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.59       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 15   | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.59       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 15   | 13     | 43     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.59       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 15   | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.59       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 15   | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.55       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 15   | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.52       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 15   | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.48       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 21  | 16   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.43       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 16   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.36       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 16   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.32       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 16   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.25       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 16   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.16       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 16   | 53     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 17   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 17   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 17   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 17   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 17   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 17   | 53     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 18   | 3      | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 18   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 18   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 18   | 33     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 18   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 18   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 19   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 19   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 19   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 19   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 19   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 19   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 12      |
| 2009 | 6     | 21  | 20   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 20   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 20   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 20   | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 20   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 20   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 21   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 21   | 13     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 21   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12      |
| 2009 | 6     | 21  | 21   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 21   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 21   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 22   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 22   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 22   | 23     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 22   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 22   | 43     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 22   | 53     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12      |
| 2009 | 6     | 21  | 23   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 23   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 23   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 23   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 23   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 23   | 53     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 22  | 0    | 3      | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 0    | 13     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 0    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 0    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 0    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 0    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 1    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 1    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 1    | 23     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 1    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 1    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 1    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 2    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 2    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 2    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 2    | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 2    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 2    | 53     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 3    | 3      | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 3    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 3    | 23     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 3    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 3    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 3    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 4    | 3      | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 4    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 4    | 23     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 4    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 4    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 4    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 5    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 5    | 13     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 5    | 23     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 5    | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 5    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 5    | 53     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 6    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 6    | 13     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 6    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 6    | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 6    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 6    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 7    | 3      | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 7    | 13     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 7    | 23     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 7    | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 7    | 43     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 7    | 53     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 22  | 8    | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 8    | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 8    | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 8    | 33     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 8    | 43     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 8    | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 9    | 3      | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 9    | 13     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 9    | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 9    | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 9    | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 9    | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 10   | 3      | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 10   | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 10   | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 10   | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 10   | 43     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 10   | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 11   | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 11   | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 11   | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 11   | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 11   | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 11   | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 12   | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 12   | 13     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 12   | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 12   | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 12   | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 12   | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 13   | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.28       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 13   | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 13   | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 13   | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.67       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 13   | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.8        | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 13   | 53     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.91       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 14   | 3      | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 14   | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.09       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 14   | 23     | 43     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.16       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 14   | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.19       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 14   | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.25       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 14   | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.27       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 15   | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.28       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 15   | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.28       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 15   | 23     | 43     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.25       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 15   | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.23       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 15   | 43     | 43     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.19       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 15   | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.16       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 22  | 16   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.09       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 16   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.01       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 16   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.94       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 16   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.85       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 16   | 43     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 16   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.67       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 17   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 17   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 17   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 17   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 17   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 17   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 18   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 18   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 18   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 18   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 18   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 18   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 19   | 3      | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 19   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 19   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 19   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 19   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 19   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 20   | 3      | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 20   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 20   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 20   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 20   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 20   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 21   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 21   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 21   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 21   | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 21   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 21   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 22   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 22   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 22   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 22   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 22   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 22   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 23   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 23   | 13     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 23   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 23   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 23   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 23   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 23  | 0    | 3      | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 0    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 0    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 0    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 0    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 0    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 1    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 1    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 1    | 23     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 1    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 1    | 43     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 1    | 53     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 2    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 2    | 13     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 2    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 2    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 2    | 43     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 2    | 53     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 3    | 3      | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 3    | 13     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 3    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 3    | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 3    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 3    | 53     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 4    | 3      | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 4    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 4    | 23     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 4    | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 4    | 43     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 4    | 53     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 5    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 5    | 13     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 5    | 23     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 5    | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 5    | 43     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 5    | 53     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 6    | 3      | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 6    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 6    | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 6    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 6    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 6    | 53     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 7    | 3      | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 7    | 13     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 7    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 7    | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 7    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 7    | 53     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 23  | 8    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 8    | 13     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 8    | 23     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 8    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 8    | 43     | 43     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 8    | 53     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 9    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 9    | 13     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 9    | 23     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 9    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 9    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 9    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 10   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 10   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 10   | 23     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 10   | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 10   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 10   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 11   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 11   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 11   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 11   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 11   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 13      |
| 2009 | 6     | 23  | 11   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 13      |
| 2009 | 6     | 23  | 12   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 12   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 12   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 12   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 12   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 12   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 13   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 13   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.6        | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 13   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.73       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 13   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.83       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 13   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.94       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 13   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 14   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 14   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.21       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 14   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.28       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 14   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.36       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 14   | 43     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.39       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 14   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.45       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 15   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.48       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 15   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.48       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 15   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.48       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 15   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.46       | 0        | 0              | 13      |
| 2009 | 6     | 23  | 15   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.45       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 15   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.41       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 23  | 16   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.37       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 16   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.3        | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 16   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.23       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 16   | 33     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.16       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 16   | 43     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.07       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 16   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 17   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 17   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 17   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 17   | 33     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 17   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 17   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 3      | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 13     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 3      | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 20   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 20   | 23     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 20   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 20   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 20   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 21   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 21   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 21   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 21   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 21   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 21   | 53     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 22   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 22   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 22   | 23     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 22   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12      |
| 2009 | 6     | 23  | 22   | 43     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 22   | 53     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 23   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 23   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 23   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 23   | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 23   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 23   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 24  | 0    | 3      | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 0    | 13     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 0    | 23     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 0    | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12      |
| 2009 | 6     | 24  | 0    | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 0    | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 3      | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 23     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 43     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 3      | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 53     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 3    | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 3    | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 3    | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 3    | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 3    | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 3    | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 4    | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 4    | 13     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 4    | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 4    | 33     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 4    | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 4    | 53     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 5    | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 5    | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 5    | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 5    | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 5    | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 5    | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 6    | 3      | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 6    | 13     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 6    | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 6    | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 6    | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 6    | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 7    | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 7    | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 7    | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 7    | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 7    | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 7    | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 24  | 8    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 8    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 8    | 23     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 8    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 8    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 8    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 9    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 9    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 9    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 9    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 9    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 9    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 10   | 3      | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 10   | 13     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 10   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 10   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 10   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 10   | 53     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 11   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 11   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 11   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 11   | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 11   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 13      |
| 2009 | 6     | 24  | 11   | 53     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 13      |
| 2009 | 6     | 24  | 12   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 12   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 12   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.44       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 12   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.6        | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 12   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.73       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 12   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.85       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 13   | 3      | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.96       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 13   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.09       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 13   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.18       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 13   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.28       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 13   | 43     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.37       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 13   | 53     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.45       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 14   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.52       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 14   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.59       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 14   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.63       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 14   | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.68       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 14   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.68       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 14   | 53     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.7        | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 15   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.7        | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 15   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.68       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 15   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.66       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 15   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.63       | 0        | 0              | 13      |
| 2009 | 6     | 24  | 15   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.57       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 15   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.5        | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 24  | 16   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.45       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 16   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 16   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.27       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 16   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.18       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 16   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 16   | 53     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 17   | 3      | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 17   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 17   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 17   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 17   | 43     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 17   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 18   | 3      | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 18   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 18   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 18   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 18   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 18   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 23     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 20   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 20   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 20   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 20   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 20   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 21   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 21   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 21   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 21   | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 21   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 21   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 22   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 22   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 22   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 22   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 22   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 22   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 23   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 23   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 23   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 23   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 23   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 23   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 25  | 0    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 0    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 0    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 0    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 0    | 43     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 0    | 53     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 13     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 23     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 43     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 13     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 3    | 3      | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 3    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 3    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 3    | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 3    | 43     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 3    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 4    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 4    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 4    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 4    | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 4    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 4    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 5    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 5    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 5    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 5    | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 5    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 5    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 6    | 3      | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 6    | 13     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 6    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 6    | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 6    | 43     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 6    | 53     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 7    | 3      | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 7    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 7    | 23     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 7    | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 7    | 43     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 7    | 53     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 25  | 8    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 8    | 13     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 8    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 8    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 8    | 43     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 8    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 9    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 9    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 9    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 9    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 9    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 9    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 10   | 3      | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 10   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 10   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 10   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 10   | 43     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 10   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 11   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 11   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 11   | 23     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 11   | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 11   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 13      |
| 2009 | 6     | 25  | 11   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 13      |
| 2009 | 6     | 25  | 12   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 13      |
| 2009 | 6     | 25  | 12   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 12   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 12   | 33     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.71       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 12   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.83       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 12   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.96       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 13   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.07       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 13   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.18       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 13   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.27       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 13   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.37       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 13   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.45       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 13   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.5        | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 14   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.54       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 14   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.59       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 14   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.63       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 14   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.64       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 14   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.64       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 14   | 53     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.64       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 15   | 3      | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.64       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 15   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.63       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 15   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.57       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 15   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.55       | 0        | 0              | 13      |
| 2009 | 6     | 25  | 15   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.52       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 15   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.48       | 0        | 0              | 12.6    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 25  | 16   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.41       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 16   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.37       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 16   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.3        | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 16   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.23       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 16   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.14       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 16   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 17   | 3      | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 17   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 17   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 17   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 17   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 17   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 18   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 18   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 18   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 18   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 18   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 18   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 19   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 20   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 20   | 13     | 43     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 20   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 20   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 20   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 20   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 21   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 21   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 21   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 21   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 21   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 21   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 22   | 3      | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 22   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 22   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 22   | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 22   | 43     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 22   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 23   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 23   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 23   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 23   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 23   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 23   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 26  | 0    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 0    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 0    | 23     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 0    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 0    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 0    | 53     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 13     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 43     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 13     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 43     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 3      | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 43     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 53     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 4    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 4    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 4    | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 4    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 4    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 5    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 5    | 13     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 5    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 5    | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 5    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 5    | 53     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 6    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 6    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 6    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 6    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 6    | 43     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 6    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 7    | 3      | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 7    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 7    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 7    | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 7    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 7    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 26  | 8    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 8    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 8    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 8    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 8    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 8    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 9    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 9    | 13     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 9    | 23     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 9    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 9    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 9    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 10   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 10   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 10   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 10   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 10   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 10   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 11   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 11   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 11   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 11   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 11   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 11   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 12   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.73       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 12   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.89       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 12   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 12   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.18       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 12   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.3        | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 12   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.43       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 13   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.54       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 13   | 13     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.64       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 13   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.75       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 13   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.84       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 13   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.93       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 13   | 53     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.02       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 14   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.09       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 14   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.15       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 14   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.22       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 14   | 33     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 14   | 43     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.33       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 14   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.36       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 15   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.4        | 0        | 0              | 13      |
| 2009 | 6     | 26  | 15   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.42       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 15   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.44       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 15   | 33     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.45       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 15   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.44       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 15   | 53     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.44       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 26  | 16   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 16   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.38       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 16   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.35       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 16   | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.29       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 16   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.24       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 16   | 53     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.17       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 17   | 3      | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 17   | 13     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73          | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 17   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 17   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 17   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 17   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 18   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 18   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 18   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 18   | 33     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 18   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 18   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 33     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 3      | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 20   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 20   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 20   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 20   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 21   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 21   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 21   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 21   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 21   | 43     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 21   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 22   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 22   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 22   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 22   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 22   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 22   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 23   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 23   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 23   | 23     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 23   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 23   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 23   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 27  | 0    | 3      | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 0    | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 0    | 23     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 0    | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 0    | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 0    | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 13     | 43     | 25     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 53     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 23     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 3    | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 3    | 33     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 3    | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 3    | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 4    | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 4    | 13     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 4    | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 4    | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 4    | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 4    | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 5    | 3      | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 5    | 13     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 5    | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 5    | 33     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 5    | 43     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 5    | 53     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 6    | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 6    | 13     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 6    | 23     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 6    | 33     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 6    | 43     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 6    | 53     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 7    | 3      | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 7    | 13     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 7    | 23     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 7    | 33     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 7    | 43     | 43     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 7    | 53     | 43     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 27  | 8    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 8    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 8    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 8    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 8    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 8    | 53     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 9    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 9    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 9    | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 9    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 9    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 9    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 10   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 10   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 10   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 10   | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 10   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 10   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 11   | 3      | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 11   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 11   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 11   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.44       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 11   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.64       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 11   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.83       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 12   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 12   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.23       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 12   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.43       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 12   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.63       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 12   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.81       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 12   | 53     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.97       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 13   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.13       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 13   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 13   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.4        | 0        | 0              | 13      |
| 2009 | 6     | 27  | 13   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.51       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 13   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.62       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 13   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.72       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 14   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.81       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 14   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.9        | 0        | 0              | 13      |
| 2009 | 6     | 27  | 14   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.98       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 14   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.05       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 14   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.1        | 0        | 0              | 13      |
| 2009 | 6     | 27  | 14   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.16       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 15   | 3      | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.17       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 15   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.17       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 15   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.17       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 15   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.17       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 15   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.17       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 15   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.17       | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 27  | 16   | 3      | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.14       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 16   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.1        | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 16   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.07       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 16   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.01       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 16   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.94       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 16   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.87       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 17   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 17   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 17   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 17   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 17   | 43     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 17   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 18   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 18   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 18   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 18   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 18   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 18   | 53     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 3      | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 53     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 3      | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 20   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 20   | 53     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 21   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 21   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 21   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 21   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 21   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 21   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 22   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 22   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 22   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 22   | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 22   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 22   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 23   | 3      | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 23   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 23   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 23   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 23   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 23   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 28  | 0    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 0    | 13     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 0    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 0    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 0    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 0    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 23     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 23     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 13     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 23     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 3    | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 3    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 3    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 4    | 3      | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 4    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 4    | 23     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 4    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 4    | 43     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 4    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 5    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 5    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 5    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 5    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 5    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 5    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 6    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 6    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 6    | 23     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 6    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 6    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 6    | 53     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 7    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 7    | 13     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 7    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 7    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 7    | 43     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 7    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12.2    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 28  | 8    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 8    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 8    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 8    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 8    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 8    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 9    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 9    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 9    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 9    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 9    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 9    | 53     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 10   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 10   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.53       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 10   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.69       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 10   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.87       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 10   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 10   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.23       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 11   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.43       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 11   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.61       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 11   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.81       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 11   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73          | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 11   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.2        | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 11   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.4        | 0        | 0              | 13      |
| 2009 | 6     | 28  | 12   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.6        | 0        | 0              | 13      |
| 2009 | 6     | 28  | 12   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.78       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 12   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.96       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 12   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.12       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 12   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.26       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 12   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.43       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 13   | 3      | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.57       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 13   | 13     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.7        | 0        | 0              | 13      |
| 2009 | 6     | 28  | 13   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.82       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 13   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.95       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 13   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.07       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 13   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.18       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 14   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.27       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 14   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.34       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 14   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.42       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 14   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.49       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 14   | 43     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.56       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 14   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.6        | 0        | 0              | 13      |
| 2009 | 6     | 28  | 15   | 3      | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.63       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 15   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.65       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 15   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.69       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 15   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.69       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 15   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.67       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 15   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.69       | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 28  | 16   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.67       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 16   | 13     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.63       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 16   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.6        | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 16   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.56       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 16   | 43     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.51       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 16   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.43       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 17   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 17   | 13     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 17   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 17   | 33     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 17   | 43     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 17   | 53     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 18   | 3      | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 18   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 18   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 18   | 33     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 18   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 18   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 13     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 33     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73          | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 20   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 20   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.73       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 20   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.61       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 20   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.48       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 20   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.36       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 20   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.23       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 21   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 21   | 13     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.01       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 21   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.91       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 21   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.82       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 21   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.73       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 21   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.64       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 22   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 22   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 22   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 22   | 33     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 22   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 22   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 23   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 23   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 23   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 23   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 23   | 43     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 23   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 29  | 0    | 3      | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 0    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 0    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 0    | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 0    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 0    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 4    | 3      | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 4    | 13     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 4    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 4    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 4    | 43     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 4    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 5    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 5    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 5    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 5    | 33     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 5    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 5    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 6    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 6    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 6    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 6    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 6    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 6    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 7    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 7    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 7    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 7    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 7    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 7    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 29  | 8    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 8    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 8    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 8    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 8    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 8    | 53     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.71       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 9    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.85       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 9    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 9    | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.14       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 9    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.3        | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 9    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.46       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 9    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.61       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 10   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.79       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 10   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.97       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 10   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.13       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 10   | 33     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.33       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 10   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.51       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 10   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.69       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 11   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.89       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 11   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.1        | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 11   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.32       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 11   | 33     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.52       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 11   | 43     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.68       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 11   | 53     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.91       | 0        | 0              | 13      |
| 2009 | 6     | 29  | 12   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.15       | 0        | 0              | 13      |
| 2009 | 6     | 29  | 12   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.29       | 0        | 0              | 13      |
| 2009 | 6     | 29  | 12   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.34       | 0        | 0              | 13      |
| 2009 | 6     | 29  | 12   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.58       | 0        | 0              | 13      |
| 2009 | 6     | 29  | 12   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.54       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 12   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.69       | 0        | 0              | 13      |
| 2009 | 6     | 29  | 13   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.76       | 0        | 0              | 13      |
| 2009 | 6     | 29  | 13   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.9        | 0        | 0              | 13      |
| 2009 | 6     | 29  | 13   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.87       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 13   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.97       | 0        | 0              | 13      |
| 2009 | 6     | 29  | 13   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.87       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 13   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.78       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 14   | 3      | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.7        | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 14   | 13     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.6        | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 14   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.52       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 14   | 33     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.38       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 14   | 43     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.24       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 14   | 53     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.15       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 15   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.06       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 15   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.06       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 15   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.02       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 15   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.06       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 15   | 43     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.07       | 0        | 0              | 13      |
| 2009 | 6     | 29  | 15   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.07       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 29  | 16   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.06       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 16   | 13     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.11       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 16   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.15       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 16   | 33     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.16       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 16   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.13       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 16   | 53     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.02       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 17   | 3      | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.95       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 17   | 13     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 17   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 17   | 33     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 17   | 43     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 17   | 53     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 3      | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 13     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 53     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 20   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 20   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 20   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.11       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 20   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.02       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 20   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.91       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 20   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.84       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 21   | 3      | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.75       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 21   | 13     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.68       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 21   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.61       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 21   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.52       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 21   | 43     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.45       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 21   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.39       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 22   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.32       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 22   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.25       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 22   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.19       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 22   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 22   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.07       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 22   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.96       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.91       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.85       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.82       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.73       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 30  | 0    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.71       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 0    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.67       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 0    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.64       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 0    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.6        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 0    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 0    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.53       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 43     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 53     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.44       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.38       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 3    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 3    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 3    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 3    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 3    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 3    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 4    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 4    | 13     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 4    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 4    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 4    | 43     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 4    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 5    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 5    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 5    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 5    | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 5    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 5    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 6    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 6    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 6    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 6    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 6    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 6    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 7    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 7    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 7    | 23     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 7    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 7    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 7    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.69       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 30  | 8    | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 8    | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 8    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.94       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 8    | 33     | 43     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.96       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 8    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 8    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.09       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 9    | 3      | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.19       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 9    | 13     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.32       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 9    | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.52       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 9    | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.66       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 9    | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.9        | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 9    | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.04       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 10   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.26       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 10   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.44       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 10   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.58       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 10   | 33     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.69       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 10   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.99       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 10   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.1        | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 11   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.19       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 11   | 13     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.32       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 11   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.34       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 11   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.41       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 11   | 43     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.52       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 11   | 53     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.61       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 12   | 3      | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.71       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 12   | 13     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.84       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 12   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.86       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 12   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.84       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 12   | 43     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.06       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 12   | 53     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.22       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 13   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.33       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 13   | 13     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.49       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 13   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.43       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 13   | 33     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.65       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 13   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.61       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 13   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.7        | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 14   | 3      | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.83       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 14   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.92       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 14   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.03       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 14   | 33     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.06       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 14   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.19       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 14   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.26       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 15   | 3      | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.32       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 15   | 13     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.24       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 15   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.15       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 15   | 33     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.21       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 15   | 43     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.06       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 15   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.96       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 30  | 16   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 16   | 13     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 16   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 16   | 33     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 16   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 16   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 17   | 3      | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 17   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 17   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 17   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 17   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 17   | 53     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 3      | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 13     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 19   | 3      | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 19   | 13     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.87       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 19   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.76       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 19   | 33     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.67       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 19   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.6        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 19   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.49       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 20   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.4        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 20   | 13     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.29       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 20   | 23     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.2        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 20   | 33     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.11       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 20   | 43     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.02       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 20   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.91       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 21   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.84       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 21   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.73       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 21   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.64       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 21   | 33     | 43     | 25     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.57       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 21   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.5        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 21   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.41       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 22   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 22   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.27       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 22   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.21       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 22   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.14       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 22   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.09       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 22   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 3      | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 13     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.94       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 23     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.89       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 33     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.83       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 43     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 53     | 43     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.73       | 0        | 0              | 12      |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 1   | 0    | 0      | 36     | 0.3       | 1.6     | 0.97  | 90        | 79.8547 | 62.1629 |
| 2009 | 6     | 1   | 0    | 10     | 36     | 0.3       | 1.6     | 0.93  | 90.4      | 79.8547 | 60.3892 |
| 2009 | 6     | 1   | 0    | 20     | 36     | 0.3       | 1.6     | 1     | 89.8      | 79.521  | 63.0616 |
| 2009 | 6     | 1   | 0    | 30     | 36     | 0.3       | 1.6     | 0.96  | 92.2      | 79.3543 | 61.3339 |
| 2009 | 6     | 1   | 0    | 40     | 36     | 0.3       | 1.6     | 0.92  | 90.8      | 79.0211 | 59.2463 |
| 2009 | 6     | 1   | 0    | 50     | 36     | 0.3       | 1.6     | 1     | 92.5      | 78.8547 | 62.4042 |
| 2009 | 6     | 1   | 1    | 0      | 36     | 0.3       | 1.6     | 0.98  | 88.3      | 78.8547 | 61.9979 |
| 2009 | 6     | 1   | 1    | 10     | 36     | 0.3       | 1.6     | 0.95  | 91.2      | 78.6883 | 60.5494 |
| 2009 | 6     | 1   | 1    | 20     | 36     | 0.3       | 1.6     | 0.98  | 92.3      | 78.6883 | 61.7667 |
| 2009 | 6     | 1   | 1    | 30     | 36     | 0.3       | 1.6     | 1.01  | 92        | 78.522  | 62.8866 |
| 2009 | 6     | 1   | 1    | 40     | 36     | 0.3       | 1.6     | 0.95  | 91.8      | 78.522  | 60.3199 |
| 2009 | 6     | 1   | 1    | 50     | 36     | 0.3       | 1.6     | 0.94  | 93.2      | 78.3558 | 59.9558 |
| 2009 | 6     | 1   | 2    | 0      | 36     | 0.3       | 1.6     | 0.96  | 90        | 78.3558 | 60.7653 |
| 2009 | 6     | 1   | 2    | 10     | 36     | 0.3       | 1.6     | 0.96  | 90.2      | 78.1897 | 60.5356 |
| 2009 | 6     | 1   | 2    | 20     | 36     | 0.3       | 1.6     | 0.96  | 94.3      | 78.0238 | 60.3061 |
| 2009 | 6     | 1   | 2    | 30     | 36     | 0.3       | 1.6     | 0.99  | 94.4      | 78.0238 | 61.6518 |
| 2009 | 6     | 1   | 2    | 40     | 36     | 0.3       | 1.6     | 0.94  | 90.2      | 77.8578 | 59.4048 |
| 2009 | 6     | 1   | 2    | 50     | 36     | 0.3       | 1.6     | 0.95  | 90        | 77.692  | 59.8479 |
| 2009 | 6     | 1   | 3    | 0      | 36     | 0.3       | 1.6     | 0.93  | 90.4      | 77.5263 | 59.0829 |
| 2009 | 6     | 1   | 3    | 10     | 36     | 0.3       | 1.6     | 0.99  | 89.8      | 77.1951 | 61.1684 |
| 2009 | 6     | 1   | 3    | 20     | 36     | 0.3       | 1.6     | 0.9   | 89.2      | 77.0296 | 57.5993 |
| 2009 | 6     | 1   | 3    | 30     | 36     | 0.3       | 1.6     | 0.94  | 89.8      | 76.8643 | 58.8405 |
| 2009 | 6     | 1   | 3    | 40     | 36     | 0.3       | 1.6     | 0.95  | 89.8      | 76.8643 | 59.5074 |
| 2009 | 6     | 1   | 3    | 50     | 36     | 0.3       | 1.6     | 0.93  | 92.2      | 76.699  | 58.3467 |
| 2009 | 6     | 1   | 4    | 0      | 36     | 0.3       | 1.6     | 0.97  | 90.2      | 76.699  | 60.0782 |
| 2009 | 6     | 1   | 4    | 10     | 36     | 0.3       | 1.6     | 1     | 89.1      | 76.5338 | 61.1793 |
| 2009 | 6     | 1   | 4    | 20     | 36     | 0.3       | 1.6     | 0.95  | 90.4      | 76.5338 | 59.184  |
| 2009 | 6     | 1   | 4    | 30     | 36     | 0.3       | 1.6     | 0.95  | 91.8      | 76.5338 | 59.184  |
| 2009 | 6     | 1   | 4    | 40     | 36     | 0.3       | 1.6     | 0.92  | 90        | 76.3687 | 57.8932 |
| 2009 | 6     | 1   | 4    | 50     | 36     | 0.3       | 1.6     | 0.92  | 93.7      | 76.3687 | 57.7604 |
| 2009 | 6     | 1   | 5    | 0      | 36     | 0.3       | 1.6     | 0.95  | 92        | 76.2037 | 58.9937 |
| 2009 | 6     | 1   | 5    | 10     | 36     | 0.3       | 1.6     | 0.99  | 87.9      | 76.2037 | 60.8511 |
| 2009 | 6     | 1   | 5    | 20     | 36     | 0.3       | 1.6     | 0.96  | 89.4      | 76.0387 | 59.4284 |
| 2009 | 6     | 1   | 5    | 30     | 36     | 0.3       | 1.6     | 0.96  | 91        | 75.8739 | 59.2    |
| 2009 | 6     | 1   | 5    | 40     | 36     | 0.3       | 1.6     | 0.91  | 90.6      | 75.8739 | 57.2152 |
| 2009 | 6     | 1   | 5    | 50     | 36     | 0.3       | 1.6     | 0.97  | 90        | 75.5445 | 59.6679 |
| 2009 | 6     | 1   | 6    | 0      | 36     | 0.3       | 1.6     | 0.92  | 90        | 75.5445 | 57.2924 |
| 2009 | 6     | 1   | 6    | 10     | 36     | 0.3       | 1.6     | 0.99  | 90.8      | 75.2154 | 60.2636 |
| 2009 | 6     | 1   | 6    | 20     | 36     | 0.3       | 1.6     | 0.96  | 89.2      | 75.0511 | 58.7196 |
| 2009 | 6     | 1   | 6    | 30     | 36     | 0.3       | 1.6     | 0.92  | 90        | 75.0511 | 57.0109 |
| 2009 | 6     | 1   | 6    | 40     | 36     | 0.3       | 1.6     | 0.94  | 87.6      | 74.8867 | 57.8357 |
| 2009 | 6     | 1   | 6    | 50     | 36     | 0.3       | 1.6     | 0.96  | 94.1      | 74.7225 | 58.658  |
| 2009 | 6     | 1   | 7    | 0      | 36     | 0.3       | 1.6     | 0.94  | 89.8      | 74.7225 | 57.8715 |
| 2009 | 6     | 1   | 7    | 10     | 36     | 0.3       | 1.6     | 0.95  | 90        | 74.7225 | 58.3958 |
| 2009 | 6     | 1   | 7    | 20     | 36     | 0.3       | 1.6     | 0.96  | 91        | 74.5584 | 58.5614 |
| 2009 | 6     | 1   | 7    | 30     | 36     | 0.3       | 1.3     | 1.02  | 89.4      | 74.5584 | 60.7868 |
| 2009 | 6     | 1   | 7    | 40     | 36     | 0.3       | 1.3     | 0.97  | 90.4      | 74.5584 | 59.085  |
| 2009 | 6     | 1   | 7    | 50     | 36     | 0.3       | 1.3     | 0.9   | 88.7      | 74.5584 | 56.0741 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 1   | 8    | 0      | 36     | 0.3       | 1.3     | 0.92  | 91.2      | 74.3944 | 56.7652 |
| 2009 | 6     | 1   | 8    | 10     | 36     | 0.3       | 1.3     | 0.98  | 89.6      | 74.3944 | 59.2491 |
| 2009 | 6     | 1   | 8    | 20     | 36     | 0.3       | 1.3     | 0.94  | 91.8      | 74.2304 | 57.3235 |
| 2009 | 6     | 1   | 8    | 30     | 36     | 0.3       | 1.3     | 0.92  | 90.4      | 74.0666 | 56.5763 |
| 2009 | 6     | 1   | 8    | 40     | 36     | 0.3       | 1.3     | 0.95  | 91        | 73.9028 | 57.5232 |
| 2009 | 6     | 1   | 8    | 50     | 36     | 0.3       | 1.3     | 0.95  | 91.2      | 73.7392 | 57.5572 |
| 2009 | 6     | 1   | 9    | 0      | 36     | 0.3       | 1.3     | 0.96  | 93        | 73.5756 | 57.7205 |
| 2009 | 6     | 1   | 9    | 10     | 36     | 0.3       | 1.3     | 1.01  | 90.7      | 73.4121 | 59.8279 |
| 2009 | 6     | 1   | 9    | 20     | 36     | 0.3       | 1.3     | 0.93  | 90.4      | 73.2487 | 56.4911 |
| 2009 | 6     | 1   | 9    | 30     | 36     | 0.3       | 1.3     | 0.94  | 90.2      | 73.2487 | 57.009  |
| 2009 | 6     | 1   | 9    | 40     | 36     | 0.3       | 1.3     | 0.93  | 86.8      | 73.0854 | 56.525  |
| 2009 | 6     | 1   | 9    | 50     | 36     | 0.3       | 1.3     | 0.98  | 92.9      | 72.9221 | 58.2368 |
| 2009 | 6     | 1   | 10   | 0      | 36     | 0.3       | 1.3     | 0.95  | 93.2      | 72.9221 | 57.0748 |
| 2009 | 6     | 1   | 10   | 10     | 36     | 0.3       | 1.3     | 1.02  | 90.7      | 72.9221 | 59.9153 |
| 2009 | 6     | 1   | 10   | 20     | 36     | 0.3       | 1.3     | 0.88  | 86.2      | 72.9221 | 54.3635 |
| 2009 | 6     | 1   | 10   | 30     | 36     | 0.3       | 1.3     | 0.93  | 89.2      | 72.9221 | 56.3002 |
| 2009 | 6     | 1   | 10   | 40     | 36     | 0.3       | 1.3     | 0.91  | 90.6      | 72.759  | 55.5599 |
| 2009 | 6     | 1   | 10   | 50     | 36     | 0.3       | 1.3     | 0.89  | 89.8      | 72.759  | 54.6574 |
| 2009 | 6     | 1   | 11   | 0      | 36     | 0.3       | 1.3     | 0.94  | 90.8      | 72.759  | 56.4624 |
| 2009 | 6     | 1   | 11   | 10     | 36     | 0.3       | 1.3     | 0.95  | 92.6      | 72.596  | 57.0102 |
| 2009 | 6     | 1   | 11   | 20     | 36     | 0.3       | 1.3     | 0.92  | 88.2      | 72.596  | 55.8514 |
| 2009 | 6     | 1   | 11   | 30     | 36     | 0.3       | 1.3     | 0.96  | 88.2      | 72.433  | 57.0418 |
| 2009 | 6     | 1   | 11   | 40     | 36     | 0.3       | 1.3     | 0.95  | 91        | 72.2702 | 56.6877 |
| 2009 | 6     | 1   | 11   | 50     | 36     | 0.3       | 1.3     | 0.9   | 90        | 71.7821 | 54.3513 |
| 2009 | 6     | 1   | 12   | 0      | 36     | 0.3       | 1.3     | 0.98  | 92.1      | 71.6196 | 57.3207 |
| 2009 | 6     | 1   | 12   | 10     | 36     | 0.3       | 1.3     | 1.03  | 87.1      | 71.6196 | 59.3631 |
| 2009 | 6     | 1   | 12   | 20     | 36     | 0.3       | 1.3     | 0.94  | 88        | 71.4572 | 55.8199 |
| 2009 | 6     | 1   | 12   | 30     | 36     | 0.3       | 1.3     | 0.97  | 91.5      | 71.4572 | 57.2221 |
| 2009 | 6     | 1   | 12   | 40     | 36     | 0.3       | 1.3     | 0.93  | 92        | 71.4572 | 55.4375 |
| 2009 | 6     | 1   | 12   | 50     | 36     | 0.3       | 1.3     | 0.87  | 90.6      | 71.2948 | 53.0503 |
| 2009 | 6     | 1   | 13   | 0      | 36     | 0.3       | 1.3     | 1.04  | 90        | 71.2948 | 59.7962 |
| 2009 | 6     | 1   | 13   | 10     | 36     | 0.3       | 1.3     | 0.92  | 90        | 71.2948 | 54.9595 |
| 2009 | 6     | 1   | 13   | 20     | 36     | 0.3       | 1.3     | 0.97  | 90        | 71.2948 | 57.1233 |
| 2009 | 6     | 1   | 13   | 30     | 36     | 0.3       | 1.3     | 0.89  | 94        | 71.1326 | 53.847  |
| 2009 | 6     | 1   | 13   | 40     | 36     | 0.3       | 1.3     | 0.94  | 91.2      | 71.1326 | 55.7535 |
| 2009 | 6     | 1   | 13   | 50     | 36     | 0.3       | 1.3     | 0.96  | 93.7      | 71.1326 | 56.5161 |
| 2009 | 6     | 1   | 14   | 0      | 36     | 0.3       | 1.3     | 0.93  | 92        | 70.9705 | 55.2757 |
| 2009 | 6     | 1   | 14   | 10     | 36     | 0.3       | 1.3     | 0.97  | 90        | 70.9705 | 56.9256 |
| 2009 | 6     | 1   | 14   | 20     | 36     | 0.3       | 1.3     | 0.95  | 90.4      | 70.9705 | 55.9103 |
| 2009 | 6     | 1   | 14   | 30     | 36     | 0.3       | 1.3     | 0.9   | 87.3      | 70.8084 | 53.7851 |
| 2009 | 6     | 1   | 14   | 40     | 36     | 0.3       | 1.3     | 0.97  | 87.9      | 70.8084 | 56.5731 |
| 2009 | 6     | 1   | 14   | 50     | 36     | 0.3       | 1.3     | 0.96  | 88        | 70.8084 | 56.0662 |
| 2009 | 6     | 1   | 15   | 0      | 36     | 0.3       | 1.3     | 0.9   | 90.2      | 70.6464 | 53.8171 |
| 2009 | 6     | 1   | 15   | 10     | 36     | 0.3       | 1.3     | 0.94  | 89.4      | 70.4845 | 55.4912 |
| 2009 | 6     | 1   | 15   | 20     | 36     | 0.3       | 1.3     | 0.98  | 91.5      | 70.3227 | 56.6554 |
| 2009 | 6     | 1   | 15   | 30     | 36     | 0.3       | 1.3     | 0.92  | 89.6      | 69.9994 | 54.3179 |
| 2009 | 6     | 1   | 15   | 40     | 36     | 0.3       | 1.3     | 0.91  | 91.6      | 69.9994 | 53.9405 |
| 2009 | 6     | 1   | 15   | 50     | 36     | 0.3       | 1.3     | 0.92  | 85.3      | 70.161  | 54.4143 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 1   | 16   | 0      | 36     | 0.3       | 1.3     | 0.93  | 82.9      | 69.9994 | 54.3179 |
| 2009 | 6     | 1   | 16   | 10     | 36     | 0.3       | 1.3     | 0.97  | 88.3      | 69.8379 | 56.2312 |
| 2009 | 6     | 1   | 16   | 20     | 36     | 0.3       | 1.3     | 0.99  | 90        | 69.6765 | 56.8843 |
| 2009 | 6     | 1   | 16   | 30     | 36     | 0.3       | 1.3     | 0.91  | 90        | 69.6765 | 53.498  |
| 2009 | 6     | 1   | 16   | 40     | 36     | 0.3       | 1.3     | 0.92  | 86.7      | 69.5151 | 54.0285 |
| 2009 | 6     | 1   | 16   | 50     | 36     | 0.3       | 1.3     | 1     | 86.6      | 69.5151 | 57.0341 |
| 2009 | 6     | 1   | 17   | 0      | 36     | 0.3       | 1.3     | 1.06  | 88.9      | 69.5151 | 59.4135 |
| 2009 | 6     | 1   | 17   | 10     | 36     | 0.3       | 1.3     | 0.91  | 86.3      | 69.3539 | 53.4318 |
| 2009 | 6     | 1   | 17   | 20     | 36     | 0.3       | 1.3     | 0.89  | 89.6      | 69.3539 | 52.8066 |
| 2009 | 6     | 1   | 17   | 30     | 36     | 0.3       | 1.3     | 1     | 88.3      | 69.3539 | 56.808  |
| 2009 | 6     | 1   | 17   | 40     | 36     | 0.3       | 1.3     | 0.92  | 86.9      | 69.1927 | 53.5856 |
| 2009 | 6     | 1   | 17   | 50     | 36     | 0.3       | 1.3     | 0.94  | 90        | 69.1927 | 54.4596 |
| 2009 | 6     | 1   | 18   | 0      | 36     | 0.3       | 1.3     | 0.98  | 88.5      | 69.1927 | 56.0827 |
| 2009 | 6     | 1   | 18   | 10     | 36     | 0.3       | 1.3     | 0.89  | 87.3      | 69.1927 | 52.5868 |
| 2009 | 6     | 1   | 18   | 20     | 36     | 0.3       | 1.3     | 0.92  | 87.9      | 69.0316 | 53.4893 |
| 2009 | 6     | 1   | 18   | 30     | 36     | 0.3       | 1.3     | 0.96  | 87.6      | 69.0316 | 55.1099 |
| 2009 | 6     | 1   | 18   | 40     | 36     | 0.3       | 1.3     | 1     | 89.2      | 69.0316 | 56.6059 |
| 2009 | 6     | 1   | 18   | 50     | 36     | 0.3       | 1.3     | 0.93  | 90        | 68.8707 | 54.0152 |
| 2009 | 6     | 1   | 19   | 0      | 36     | 0.3       | 1.3     | 0.92  | 88.4      | 68.8707 | 53.6418 |
| 2009 | 6     | 1   | 19   | 10     | 36     | 0.3       | 1.3     | 0.95  | 90.2      | 68.8707 | 54.7621 |
| 2009 | 6     | 1   | 19   | 20     | 36     | 0.3       | 1.3     | 0.92  | 90        | 68.7097 | 53.4207 |
| 2009 | 6     | 1   | 19   | 30     | 36     | 0.3       | 1.3     | 0.96  | 88.4      | 68.7097 | 54.7878 |
| 2009 | 6     | 1   | 19   | 40     | 36     | 0.3       | 1.3     | 0.93  | 89.6      | 68.7097 | 53.6692 |
| 2009 | 6     | 1   | 19   | 50     | 36     | 0.3       | 1.3     | 0.93  | 91.2      | 68.5489 | 53.6962 |
| 2009 | 6     | 1   | 20   | 0      | 36     | 0.3       | 1.3     | 0.98  | 89.4      | 68.3882 | 55.5814 |
| 2009 | 6     | 1   | 20   | 10     | 36     | 0.3       | 1.3     | 0.95  | 91        | 68.2276 | 54.2438 |
| 2009 | 6     | 1   | 20   | 20     | 36     | 0.3       | 1.3     | 0.92  | 89.2      | 68.0671 | 52.9099 |
| 2009 | 6     | 1   | 20   | 30     | 36     | 0.3       | 1.3     | 1.02  | 89.6      | 67.9066 | 56.6365 |
| 2009 | 6     | 1   | 20   | 40     | 36     | 0.3       | 1.3     | 0.91  | 86.9      | 68.0671 | 52.6628 |
| 2009 | 6     | 1   | 20   | 50     | 36     | 0.3       | 1.3     | 0.95  | 88.6      | 67.7463 | 54.0709 |
| 2009 | 6     | 1   | 21   | 0      | 36     | 0.3       | 1.3     | 0.91  | 90.6      | 67.586  | 52.2505 |
| 2009 | 6     | 1   | 21   | 10     | 36     | 0.3       | 1.3     | 0.99  | 93.4      | 67.7463 | 55.5486 |
| 2009 | 6     | 1   | 21   | 20     | 36     | 0.3       | 1.3     | 0.91  | 91.4      | 67.586  | 52.4964 |
| 2009 | 6     | 1   | 21   | 30     | 36     | 0.3       | 1.3     | 0.94  | 92        | 67.586  | 53.603  |
| 2009 | 6     | 1   | 21   | 40     | 36     | 0.3       | 1.3     | 0.95  | 90        | 67.4258 | 53.9955 |
| 2009 | 6     | 1   | 21   | 50     | 36     | 0.3       | 1.3     | 0.89  | 90.6      | 67.4258 | 51.5403 |
| 2009 | 6     | 1   | 22   | 0      | 36     | 0.3       | 1.3     | 0.89  | 91.9      | 67.2657 | 51.3223 |
| 2009 | 6     | 1   | 22   | 10     | 36     | 0.3       | 1.3     | 0.92  | 89.2      | 67.4258 | 52.5224 |
| 2009 | 6     | 1   | 22   | 20     | 36     | 0.3       | 1.3     | 0.92  | 89.2      | 67.2657 | 52.4254 |
| 2009 | 6     | 1   | 22   | 30     | 36     | 0.3       | 1.3     | 0.94  | 89.6      | 67.2657 | 53.2833 |
| 2009 | 6     | 1   | 22   | 40     | 36     | 0.3       | 1.3     | 0.94  | 91.4      | 67.1057 | 53.1849 |
| 2009 | 6     | 1   | 22   | 50     | 36     | 0.3       | 1.3     | 0.95  | 88.6      | 67.1057 | 53.6744 |
| 2009 | 6     | 1   | 23   | 0      | 36     | 0.3       | 1.3     | 0.99  | 90.4      | 67.1057 | 55.2653 |
| 2009 | 6     | 1   | 23   | 10     | 36     | 0.3       | 1.3     | 0.92  | 92.6      | 67.1057 | 52.573  |
| 2009 | 6     | 1   | 23   | 20     | 36     | 0.3       | 1.3     | 0.92  | 91.4      | 66.9458 | 52.3533 |
| 2009 | 6     | 1   | 23   | 30     | 36     | 0.3       | 1.3     | 0.96  | 91.2      | 66.9458 | 54.0639 |
| 2009 | 6     | 1   | 23   | 40     | 36     | 0.3       | 1.3     | 0.97  | 89.4      | 66.9458 | 54.4304 |
| 2009 | 6     | 1   | 23   | 50     | 36     | 0.3       | 1.3     | 0.92  | 91.8      | 66.786  | 52.2559 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 2   | 0    | 0      | 36     | 0.3       | 1.3     | 0.94  | 89.8      | 66.9458 | 52.9642 |
| 2009 | 6     | 2   | 0    | 10     | 36     | 0.3       | 1.3     | 0.95  | 90        | 66.9458 | 53.453  |
| 2009 | 6     | 2   | 0    | 20     | 36     | 0.3       | 1.3     | 0.94  | 89.2      | 66.786  | 53.1098 |
| 2009 | 6     | 2   | 0    | 30     | 36     | 0.3       | 1.3     | 0.95  | 94        | 66.786  | 53.2318 |
| 2009 | 6     | 2   | 0    | 40     | 36     | 0.3       | 1.3     | 0.9   | 90        | 66.786  | 51.402  |
| 2009 | 6     | 2   | 0    | 50     | 36     | 0.3       | 1.3     | 0.88  | 91.9      | 66.786  | 50.792  |
| 2009 | 6     | 2   | 1    | 0      | 36     | 0.3       | 1.3     | 0.89  | 88.1      | 66.6263 | 51.0623 |
| 2009 | 6     | 2   | 1    | 10     | 36     | 0.3       | 1.3     | 0.95  | 87.4      | 66.6263 | 53.2546 |
| 2009 | 6     | 2   | 1    | 20     | 36     | 0.3       | 1.3     | 0.98  | 88.8      | 66.6263 | 54.3508 |
| 2009 | 6     | 2   | 1    | 30     | 36     | 0.3       | 1.3     | 0.91  | 92.7      | 66.6263 | 51.7931 |
| 2009 | 6     | 2   | 1    | 40     | 36     | 0.3       | 1.3     | 0.92  | 89.8      | 66.4666 | 52.0609 |
| 2009 | 6     | 2   | 1    | 50     | 36     | 0.3       | 1.3     | 0.91  | 90        | 66.3071 | 51.7205 |
| 2009 | 6     | 2   | 2    | 0      | 36     | 0.3       | 1.3     | 0.93  | 89.4      | 66.4666 | 52.5473 |
| 2009 | 6     | 2   | 2    | 10     | 36     | 0.3       | 1.3     | 0.93  | 94.7      | 66.1476 | 52.1081 |
| 2009 | 6     | 2   | 2    | 20     | 36     | 0.3       | 1.3     | 0.96  | 88.4      | 66.3071 | 53.4202 |
| 2009 | 6     | 2   | 2    | 30     | 36     | 0.3       | 1.3     | 0.96  | 89.4      | 66.3071 | 53.5416 |
| 2009 | 6     | 2   | 2    | 40     | 36     | 0.3       | 1.3     | 0.97  | 88.1      | 66.1476 | 53.5627 |
| 2009 | 6     | 2   | 2    | 50     | 36     | 0.3       | 1.3     | 0.97  | 90.2      | 65.9882 | 53.5832 |
| 2009 | 6     | 2   | 3    | 0      | 36     | 0.3       | 1.3     | 0.94  | 92.2      | 65.9882 | 52.6151 |
| 2009 | 6     | 2   | 3    | 10     | 36     | 0.3       | 1.3     | 0.98  | 88.7      | 65.9882 | 54.0673 |
| 2009 | 6     | 2   | 3    | 20     | 36     | 0.3       | 1.3     | 0.92  | 89        | 65.9882 | 51.6469 |
| 2009 | 6     | 2   | 3    | 30     | 36     | 0.3       | 1.3     | 0.96  | 89.6      | 65.9882 | 53.4622 |
| 2009 | 6     | 2   | 3    | 40     | 36     | 0.3       | 1.3     | 0.91  | 85.9      | 65.9882 | 51.2839 |
| 2009 | 6     | 2   | 3    | 50     | 36     | 0.3       | 1.3     | 0.91  | 89        | 65.8289 | 51.4285 |
| 2009 | 6     | 2   | 4    | 0      | 36     | 0.3       | 1.3     | 0.95  | 90        | 65.8289 | 52.8784 |
| 2009 | 6     | 2   | 4    | 10     | 36     | 0.3       | 1.3     | 0.91  | 91.2      | 65.8289 | 51.4285 |
| 2009 | 6     | 2   | 4    | 20     | 36     | 0.3       | 1.3     | 1.03  | 89.8      | 65.8289 | 55.6574 |
| 2009 | 6     | 2   | 4    | 30     | 36     | 0.3       | 1.3     | 0.93  | 90        | 65.8289 | 52.0326 |
| 2009 | 6     | 2   | 4    | 40     | 36     | 0.3       | 1.3     | 0.95  | 89        | 65.6697 | 52.8993 |
| 2009 | 6     | 2   | 4    | 50     | 36     | 0.3       | 1.3     | 0.9   | 90        | 65.6697 | 50.9692 |
| 2009 | 6     | 2   | 5    | 0      | 36     | 0.3       | 1.3     | 0.95  | 86.6      | 65.6697 | 52.658  |
| 2009 | 6     | 2   | 5    | 10     | 36     | 0.3       | 1.3     | 0.94  | 91        | 65.5106 | 52.197  |
| 2009 | 6     | 2   | 5    | 20     | 36     | 0.3       | 1.3     | 0.96  | 92.7      | 65.5106 | 53.0401 |
| 2009 | 6     | 2   | 5    | 30     | 36     | 0.3       | 1.3     | 0.93  | 92.6      | 65.5106 | 51.8357 |
| 2009 | 6     | 2   | 5    | 40     | 36     | 0.3       | 1.3     | 0.95  | 88        | 65.5106 | 52.5583 |
| 2009 | 6     | 2   | 5    | 50     | 36     | 0.3       | 1.3     | 0.95  | 89.4      | 65.3516 | 52.6991 |
| 2009 | 6     | 2   | 6    | 0      | 36     | 0.3       | 1.3     | 0.93  | 92.8      | 65.5106 | 51.9562 |
| 2009 | 6     | 2   | 6    | 10     | 36     | 0.3       | 1.3     | 0.94  | 89.4      | 65.5106 | 52.4379 |
| 2009 | 6     | 2   | 6    | 20     | 36     | 0.3       | 1.3     | 0.99  | 90.2      | 65.5106 | 54.2444 |
| 2009 | 6     | 2   | 6    | 30     | 36     | 0.3       | 1.3     | 0.92  | 90.6      | 65.5106 | 51.4744 |
| 2009 | 6     | 2   | 6    | 40     | 36     | 0.3       | 1.3     | 0.94  | 91.8      | 65.3516 | 52.0979 |
| 2009 | 6     | 2   | 6    | 50     | 36     | 0.3       | 1.3     | 0.92  | 90.2      | 65.3516 | 51.3765 |
| 2009 | 6     | 2   | 7    | 0      | 36     | 0.3       | 1.3     | 0.93  | 91.8      | 65.3516 | 51.7372 |
| 2009 | 6     | 2   | 7    | 10     | 36     | 0.3       | 1.3     | 0.92  | 92.9      | 65.3516 | 51.4967 |
| 2009 | 6     | 2   | 7    | 20     | 36     | 0.3       | 1.3     | 0.97  | 91.4      | 65.3516 | 53.3003 |
| 2009 | 6     | 2   | 7    | 30     | 36     | 0.3       | 1.3     | 1     | 89.8      | 65.3516 | 54.3824 |
| 2009 | 6     | 2   | 7    | 40     | 36     | 0.3       | 1.3     | 0.99  | 89.8      | 65.3516 | 53.9015 |
| 2009 | 6     | 2   | 7    | 50     | 36     | 0.3       | 1.3     | 0.94  | 90.2      | 65.3516 | 51.9777 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 2   | 8    | 0      | 36     | 0.3       | 1.3     | 0.96  | 91.8      | 65.3516 | 52.8193 |
| 2009 | 6     | 2   | 8    | 10     | 36     | 0.3       | 1.3     | 0.96  | 91        | 65.3516 | 53.0598 |
| 2009 | 6     | 2   | 8    | 20     | 36     | 0.3       | 1.3     | 0.9   | 87.1      | 65.3516 | 50.7753 |
| 2009 | 6     | 2   | 8    | 30     | 36     | 0.3       | 1.3     | 1.03  | 90.5      | 65.3516 | 55.5848 |
| 2009 | 6     | 2   | 8    | 40     | 36     | 0.3       | 1.3     | 0.93  | 94.4      | 65.3516 | 51.7372 |
| 2009 | 6     | 2   | 8    | 50     | 36     | 0.3       | 1.3     | 0.95  | 90        | 65.1927 | 52.3588 |
| 2009 | 6     | 2   | 9    | 0      | 36     | 0.3       | 1.3     | 0.92  | 90        | 65.3516 | 51.4967 |
| 2009 | 6     | 2   | 9    | 10     | 36     | 0.3       | 1.3     | 0.93  | 92.6      | 65.3516 | 51.617  |
| 2009 | 6     | 2   | 9    | 20     | 36     | 0.3       | 1.3     | 0.98  | 89.6      | 65.1927 | 53.6793 |
| 2009 | 6     | 2   | 9    | 30     | 36     | 0.3       | 1.3     | 1     | 89.6      | 65.3516 | 54.5026 |
| 2009 | 6     | 2   | 9    | 40     | 36     | 0.3       | 1.3     | 0.93  | 93.4      | 65.1927 | 51.6386 |
| 2009 | 6     | 2   | 9    | 50     | 36     | 0.3       | 1.3     | 0.9   | 88.1      | 65.1927 | 50.4382 |
| 2009 | 6     | 2   | 10   | 0      | 36     | 0.3       | 1.3     | 0.9   | 91        | 65.1927 | 50.6783 |
| 2009 | 6     | 2   | 10   | 10     | 36     | 0.3       | 1.3     | 0.87  | 89.8      | 65.1927 | 49.3578 |
| 2009 | 6     | 2   | 10   | 20     | 36     | 0.3       | 1.3     | 0.99  | 87.9      | 65.1927 | 53.9194 |
| 2009 | 6     | 2   | 10   | 30     | 36     | 0.3       | 1.3     | 0.9   | 93.1      | 65.1927 | 50.6783 |
| 2009 | 6     | 2   | 10   | 40     | 36     | 0.3       | 1.3     | 0.91  | 86.1      | 65.1927 | 50.7983 |
| 2009 | 6     | 2   | 10   | 50     | 36     | 0.3       | 1.3     | 0.96  | 89.6      | 65.1927 | 52.959  |
| 2009 | 6     | 2   | 11   | 0      | 36     | 0.3       | 1.3     | 0.93  | 86.6      | 65.1927 | 51.5186 |
| 2009 | 6     | 2   | 11   | 10     | 36     | 0.3       | 1.3     | 0.94  | 89.2      | 65.1927 | 51.8787 |
| 2009 | 6     | 2   | 11   | 20     | 36     | 0.3       | 1.3     | 1.01  | 90.9      | 65.1927 | 54.6396 |
| 2009 | 6     | 2   | 11   | 30     | 36     | 0.3       | 1.3     | 0.9   | 91        | 65.1927 | 50.6783 |
| 2009 | 6     | 2   | 11   | 40     | 36     | 0.3       | 1.3     | 0.95  | 88.2      | 65.0339 | 52.3788 |
| 2009 | 6     | 2   | 11   | 50     | 36     | 0.3       | 1.3     | 0.99  | 90        | 65.0339 | 53.9368 |
| 2009 | 6     | 2   | 12   | 0      | 36     | 0.3       | 1.3     | 0.98  | 89.8      | 65.0339 | 53.3376 |
| 2009 | 6     | 2   | 12   | 10     | 36     | 0.3       | 1.3     | 0.93  | 89.4      | 65.0339 | 51.6598 |
| 2009 | 6     | 2   | 12   | 20     | 36     | 0.3       | 1.3     | 0.99  | 88.1      | 65.0339 | 53.6971 |
| 2009 | 6     | 2   | 12   | 30     | 36     | 0.3       | 1.3     | 0.95  | 88.8      | 64.7165 | 52.0591 |
| 2009 | 6     | 2   | 12   | 40     | 36     | 0.3       | 1.3     | 0.9   | 89.4      | 64.5579 | 50.1703 |
| 2009 | 6     | 2   | 12   | 50     | 36     | 0.3       | 1.3     | 1.03  | 86.1      | 64.5579 | 54.7019 |
| 2009 | 6     | 2   | 13   | 0      | 36     | 0.3       | 1.3     | 1     | 89.3      | 64.5579 | 53.9863 |
| 2009 | 6     | 2   | 13   | 10     | 36     | 0.3       | 1.3     | 1.01  | 89.8      | 64.3994 | 54.24   |
| 2009 | 6     | 2   | 13   | 20     | 36     | 0.3       | 1.3     | 0.9   | 88.7      | 64.241  | 49.9759 |
| 2009 | 6     | 2   | 13   | 30     | 36     | 0.3       | 1.3     | 0.92  | 90        | 64.241  | 50.6891 |
| 2009 | 6     | 2   | 13   | 40     | 36     | 0.3       | 1.3     | 0.96  | 88        | 64.241  | 51.9965 |
| 2009 | 6     | 2   | 13   | 50     | 36     | 0.3       | 1.3     | 0.9   | 91.5      | 64.241  | 50.0948 |
| 2009 | 6     | 2   | 14   | 0      | 36     | 0.3       | 1.3     | 0.91  | 88.1      | 64.0827 | 50.116  |
| 2009 | 6     | 2   | 14   | 10     | 36     | 0.3       | 1.3     | 1.02  | 90.2      | 63.9245 | 54.0459 |
| 2009 | 6     | 2   | 14   | 20     | 36     | 0.3       | 1.3     | 0.95  | 90.4      | 63.9245 | 51.7952 |
| 2009 | 6     | 2   | 14   | 30     | 36     | 0.3       | 1.3     | 0.91  | 86.7      | 63.9245 | 50.1367 |
| 2009 | 6     | 2   | 14   | 40     | 36     | 0.3       | 1.3     | 0.98  | 91        | 63.9245 | 52.7429 |
| 2009 | 6     | 2   | 14   | 50     | 36     | 0.3       | 1.3     | 0.86  | 86.3      | 63.9245 | 48.4783 |
| 2009 | 6     | 2   | 15   | 0      | 36     | 0.3       | 1.3     | 0.93  | 85.8      | 63.7664 | 50.8666 |
| 2009 | 6     | 2   | 15   | 10     | 36     | 0.3       | 1.3     | 0.97  | 86.3      | 63.7664 | 52.0492 |
| 2009 | 6     | 2   | 15   | 20     | 36     | 0.3       | 1.3     | 0.89  | 87.3      | 63.7664 | 49.4475 |
| 2009 | 6     | 2   | 15   | 30     | 36     | 0.3       | 1.3     | 0.97  | 81.6      | 63.7664 | 51.6944 |
| 2009 | 6     | 2   | 15   | 40     | 36     | 0.3       | 1.3     | 1     | 87.9      | 63.7664 | 53.2318 |
| 2009 | 6     | 2   | 15   | 50     | 36     | 0.3       | 1.3     | 0.92  | 83.8      | 63.6084 | 50.0588 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 2   | 16   | 0      | 36     | 0.3       | 1.3     | 0.95  | 87.4      | 63.6084 | 51.3575 |
| 2009 | 6     | 2   | 16   | 10     | 36     | 0.3       | 1.3     | 0.95  | 84.4      | 63.6084 | 51.2394 |
| 2009 | 6     | 2   | 16   | 20     | 36     | 0.3       | 1.3     | 0.89  | 86        | 63.6084 | 49.1143 |
| 2009 | 6     | 2   | 16   | 30     | 36     | 0.3       | 1.3     | 0.88  | 86        | 63.6084 | 48.9963 |
| 2009 | 6     | 2   | 16   | 40     | 36     | 0.3       | 1.3     | 0.95  | 85.6      | 63.6084 | 51.2394 |
| 2009 | 6     | 2   | 16   | 50     | 36     | 0.3       | 1.3     | 0.91  | 86.3      | 63.6084 | 50.0588 |
| 2009 | 6     | 2   | 17   | 0      | 36     | 0.3       | 1.3     | 0.93  | 87.6      | 63.6084 | 50.6491 |
| 2009 | 6     | 2   | 17   | 10     | 36     | 0.3       | 1.3     | 1     | 90.2      | 63.4504 | 53.1428 |
| 2009 | 6     | 2   | 17   | 20     | 36     | 0.3       | 1.3     | 0.97  | 84.3      | 63.4504 | 51.7285 |
| 2009 | 6     | 2   | 17   | 30     | 36     | 0.3       | 1.3     | 0.95  | 88        | 63.4504 | 51.257  |
| 2009 | 6     | 2   | 17   | 40     | 36     | 0.3       | 1.3     | 0.91  | 91        | 63.4504 | 49.7248 |
| 2009 | 6     | 2   | 17   | 50     | 36     | 0.3       | 1.3     | 0.94  | 86.8      | 63.2926 | 50.9211 |
| 2009 | 6     | 2   | 18   | 0      | 36     | 0.3       | 1.3     | 0.93  | 88.4      | 63.2926 | 50.4505 |
| 2009 | 6     | 2   | 18   | 10     | 36     | 0.3       | 1.3     | 0.96  | 85.5      | 63.2926 | 51.5095 |
| 2009 | 6     | 2   | 18   | 20     | 36     | 0.3       | 1.3     | 0.99  | 84.1      | 63.2926 | 52.5684 |
| 2009 | 6     | 2   | 18   | 30     | 36     | 0.3       | 1.3     | 0.93  | 87.6      | 63.1348 | 50.4686 |
| 2009 | 6     | 2   | 18   | 40     | 36     | 0.3       | 1.3     | 0.97  | 87.7      | 63.1348 | 51.8781 |
| 2009 | 6     | 2   | 18   | 50     | 36     | 0.3       | 1.3     | 0.95  | 87.6      | 63.2926 | 51.2741 |
| 2009 | 6     | 2   | 19   | 0      | 36     | 0.3       | 1.3     | 1     | 86        | 63.1348 | 52.7003 |
| 2009 | 6     | 2   | 19   | 10     | 36     | 0.3       | 1.3     | 0.88  | 88.1      | 63.1348 | 48.4717 |
| 2009 | 6     | 2   | 19   | 20     | 36     | 0.3       | 1.3     | 0.95  | 86.4      | 62.9771 | 50.8379 |
| 2009 | 6     | 2   | 19   | 30     | 36     | 0.3       | 1.3     | 0.9   | 88.5      | 62.9771 | 49.1963 |
| 2009 | 6     | 2   | 19   | 40     | 36     | 0.3       | 1.3     | 0.94  | 86.2      | 63.1348 | 50.7035 |
| 2009 | 6     | 2   | 19   | 50     | 36     | 0.3       | 1.3     | 1     | 88.5      | 62.9771 | 52.7141 |
| 2009 | 6     | 2   | 20   | 0      | 36     | 0.3       | 1.3     | 0.95  | 87.8      | 62.9771 | 50.9552 |
| 2009 | 6     | 2   | 20   | 10     | 36     | 0.3       | 1.3     | 0.95  | 84.8      | 62.9771 | 50.7207 |
| 2009 | 6     | 2   | 20   | 20     | 36     | 0.3       | 1.3     | 1.03  | 88.7      | 62.9771 | 54.004  |
| 2009 | 6     | 2   | 20   | 30     | 36     | 0.3       | 1.3     | 0.9   | 89.8      | 62.8196 | 48.9815 |
| 2009 | 6     | 2   | 20   | 40     | 36     | 0.3       | 1.3     | 0.94  | 89.8      | 62.8196 | 50.5033 |
| 2009 | 6     | 2   | 20   | 50     | 36     | 0.3       | 1.3     | 0.99  | 85.8      | 62.8196 | 52.2592 |
| 2009 | 6     | 2   | 21   | 0      | 36     | 0.3       | 1.3     | 0.93  | 90        | 62.6621 | 49.9357 |
| 2009 | 6     | 2   | 21   | 10     | 36     | 0.3       | 1.3     | 0.96  | 85.5      | 62.8196 | 51.3227 |
| 2009 | 6     | 2   | 21   | 20     | 36     | 0.3       | 1.3     | 1.03  | 86        | 62.5047 | 53.336  |
| 2009 | 6     | 2   | 21   | 30     | 36     | 0.3       | 1.3     | 0.91  | 89.4      | 62.5047 | 49.2529 |
| 2009 | 6     | 2   | 21   | 40     | 36     | 0.3       | 1.3     | 0.9   | 87.3      | 62.5047 | 48.903  |
| 2009 | 6     | 2   | 21   | 50     | 36     | 0.3       | 1.3     | 0.89  | 87.7      | 62.3474 | 48.5722 |
| 2009 | 6     | 2   | 22   | 0      | 36     | 0.3       | 1.3     | 0.97  | 85.9      | 62.3474 | 51.1342 |
| 2009 | 6     | 2   | 22   | 10     | 36     | 0.3       | 1.3     | 0.97  | 89.6      | 62.1901 | 51.2647 |
| 2009 | 6     | 2   | 22   | 20     | 36     | 0.3       | 1.3     | 0.98  | 89.4      | 62.1901 | 51.4972 |
| 2009 | 6     | 2   | 22   | 30     | 36     | 0.3       | 1.3     | 0.92  | 88.4      | 62.033  | 49.1894 |
| 2009 | 6     | 2   | 22   | 40     | 36     | 0.3       | 1.3     | 0.9   | 87.1      | 62.033  | 48.6091 |
| 2009 | 6     | 2   | 22   | 50     | 36     | 0.3       | 1.3     | 0.86  | 87.4      | 61.876  | 47.2367 |
| 2009 | 6     | 2   | 23   | 0      | 36     | 0.3       | 1.3     | 0.95  | 86.4      | 61.876  | 50.133  |
| 2009 | 6     | 2   | 23   | 10     | 36     | 0.3       | 1.3     | 0.96  | 91        | 61.876  | 50.7122 |
| 2009 | 6     | 2   | 23   | 20     | 36     | 0.3       | 1.3     | 0.92  | 90.8      | 61.719  | 49.1068 |
| 2009 | 6     | 2   | 23   | 30     | 36     | 0.3       | 1.3     | 0.87  | 83.5      | 61.719  | 47.3721 |
| 2009 | 6     | 2   | 23   | 40     | 36     | 0.3       | 1.3     | 0.95  | 85.2      | 61.719  | 50.032  |
| 2009 | 6     | 2   | 23   | 50     | 36     | 0.3       | 1.3     | 1.03  | 88.9      | 61.719  | 53.1545 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 3   | 0    | 0      | 36     | 0.3       | 1.3     | 0.95  | 89        | 61.719  | 50.1477 |
| 2009 | 6     | 3   | 0    | 10     | 36     | 0.3       | 1.3     | 0.86  | 90.7      | 61.719  | 46.9095 |
| 2009 | 6     | 3   | 0    | 20     | 36     | 0.3       | 1.3     | 0.95  | 88.8      | 61.5621 | 50.0465 |
| 2009 | 6     | 3   | 0    | 30     | 36     | 0.3       | 1.3     | 0.95  | 89        | 61.5621 | 49.931  |
| 2009 | 6     | 3   | 0    | 40     | 36     | 0.3       | 1.3     | 0.97  | 86.7      | 61.5621 | 50.8546 |
| 2009 | 6     | 3   | 0    | 50     | 36     | 0.3       | 1.3     | 0.97  | 88.2      | 61.5621 | 50.6237 |
| 2009 | 6     | 3   | 1    | 0      | 36     | 0.3       | 1.3     | 0.9   | 93.3      | 61.5621 | 48.3148 |
| 2009 | 6     | 3   | 1    | 10     | 36     | 0.3       | 1.3     | 0.93  | 86.4      | 61.5621 | 49.4692 |
| 2009 | 6     | 3   | 1    | 20     | 36     | 0.3       | 1.3     | 0.96  | 90        | 61.5621 | 50.5082 |
| 2009 | 6     | 3   | 1    | 30     | 36     | 0.3       | 1.3     | 0.92  | 91.2      | 61.4054 | 48.908  |
| 2009 | 6     | 3   | 1    | 40     | 36     | 0.3       | 1.3     | 1.02  | 91.1      | 61.4054 | 52.4805 |
| 2009 | 6     | 3   | 1    | 50     | 36     | 0.3       | 1.3     | 0.97  | 87.5      | 61.4054 | 50.6366 |
| 2009 | 6     | 3   | 2    | 0      | 36     | 0.3       | 1.3     | 0.99  | 91        | 61.4054 | 51.3281 |
| 2009 | 6     | 3   | 2    | 10     | 36     | 0.3       | 1.3     | 0.92  | 85.3      | 61.4054 | 49.0232 |
| 2009 | 6     | 3   | 2    | 20     | 36     | 0.3       | 1.3     | 0.97  | 86.3      | 61.4054 | 50.6366 |
| 2009 | 6     | 3   | 2    | 30     | 36     | 0.3       | 1.3     | 0.92  | 92.2      | 61.4054 | 48.908  |
| 2009 | 6     | 3   | 2    | 40     | 36     | 0.3       | 1.3     | 0.96  | 92.5      | 61.4054 | 50.2909 |
| 2009 | 6     | 3   | 2    | 50     | 36     | 0.3       | 1.3     | 0.99  | 85.8      | 61.4054 | 51.4433 |
| 2009 | 6     | 3   | 3    | 0      | 36     | 0.3       | 1.3     | 0.97  | 92.3      | 61.4054 | 50.5214 |
| 2009 | 6     | 3   | 3    | 10     | 36     | 0.3       | 1.3     | 0.98  | 87.7      | 61.4054 | 51.0976 |
| 2009 | 6     | 3   | 3    | 20     | 36     | 0.3       | 1.3     | 0.93  | 90.8      | 61.4054 | 49.1385 |
| 2009 | 6     | 3   | 3    | 30     | 36     | 0.3       | 1.3     | 0.88  | 87.2      | 61.4054 | 47.5251 |
| 2009 | 6     | 3   | 3    | 40     | 36     | 0.3       | 1.3     | 0.93  | 91.4      | 61.4054 | 49.369  |
| 2009 | 6     | 3   | 3    | 50     | 36     | 0.3       | 1.3     | 0.95  | 87.6      | 61.4054 | 49.8299 |
| 2009 | 6     | 3   | 4    | 0      | 36     | 0.3       | 1.3     | 1     | 90.4      | 61.4054 | 51.6738 |
| 2009 | 6     | 3   | 4    | 10     | 36     | 0.3       | 1.3     | 0.97  | 88.3      | 61.4054 | 50.8671 |
| 2009 | 6     | 3   | 4    | 20     | 36     | 0.3       | 1.3     | 1.03  | 90        | 61.4054 | 52.9414 |
| 2009 | 6     | 3   | 4    | 30     | 36     | 0.3       | 1.3     | 0.88  | 92.1      | 61.4054 | 47.5251 |
| 2009 | 6     | 3   | 4    | 40     | 36     | 0.3       | 1.3     | 0.86  | 91.3      | 61.4054 | 46.8337 |
| 2009 | 6     | 3   | 4    | 50     | 36     | 0.3       | 1.3     | 0.94  | 92.2      | 61.4054 | 49.4842 |
| 2009 | 6     | 3   | 5    | 0      | 36     | 0.3       | 1.3     | 0.94  | 90.6      | 61.4054 | 49.4842 |
| 2009 | 6     | 3   | 5    | 10     | 36     | 0.3       | 1.3     | 0.96  | 89.4      | 61.4054 | 50.2909 |
| 2009 | 6     | 3   | 5    | 20     | 36     | 0.3       | 1.3     | 0.93  | 90        | 61.4054 | 49.369  |
| 2009 | 6     | 3   | 5    | 30     | 36     | 0.3       | 1.3     | 0.96  | 89.8      | 61.4054 | 50.4061 |
| 2009 | 6     | 3   | 5    | 40     | 36     | 0.3       | 1.3     | 0.97  | 91.4      | 61.4054 | 50.8671 |
| 2009 | 6     | 3   | 5    | 50     | 36     | 0.3       | 1.3     | 0.96  | 88.2      | 61.4054 | 50.4061 |
| 2009 | 6     | 3   | 6    | 0      | 36     | 0.3       | 1.3     | 0.94  | 87.6      | 61.4054 | 49.5994 |
| 2009 | 6     | 3   | 6    | 10     | 36     | 0.3       | 1.3     | 0.92  | 90.8      | 61.4054 | 49.0232 |
| 2009 | 6     | 3   | 6    | 20     | 36     | 0.3       | 1.3     | 0.96  | 87.3      | 61.4054 | 50.2909 |
| 2009 | 6     | 3   | 6    | 30     | 36     | 0.3       | 1.3     | 0.96  | 89.4      | 61.4054 | 50.4061 |
| 2009 | 6     | 3   | 6    | 40     | 36     | 0.3       | 1.3     | 0.91  | 93.3      | 61.4054 | 48.5623 |
| 2009 | 6     | 3   | 6    | 50     | 36     | 0.3       | 1.3     | 0.93  | 89.4      | 61.4054 | 49.369  |
| 2009 | 6     | 3   | 7    | 0      | 36     | 0.3       | 1.3     | 0.95  | 87.6      | 61.4054 | 50.0604 |
| 2009 | 6     | 3   | 7    | 10     | 36     | 0.3       | 1.3     | 0.94  | 89.6      | 61.4054 | 49.8299 |
| 2009 | 6     | 3   | 7    | 20     | 36     | 0.3       | 1.3     | 0.94  | 88.6      | 61.4054 | 49.5994 |
| 2009 | 6     | 3   | 7    | 30     | 36     | 0.3       | 1.3     | 0.98  | 90        | 61.4054 | 51.2128 |
| 2009 | 6     | 3   | 7    | 40     | 36     | 0.3       | 1.3     | 0.88  | 90.6      | 61.4054 | 47.4099 |
| 2009 | 6     | 3   | 7    | 50     | 36     | 0.3       | 1.3     | 0.91  | 89.4      | 61.4054 | 48.5623 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 3   | 8    | 0      | 36     | 0.3       | 1.3     | 0.97  | 91.7      | 61.4054 | 50.7519 |
| 2009 | 6     | 3   | 8    | 10     | 36     | 0.3       | 1.3     | 1.02  | 88.9      | 61.4054 | 52.4805 |
| 2009 | 6     | 3   | 8    | 20     | 36     | 0.3       | 1.3     | 0.95  | 88.4      | 61.4054 | 50.0604 |
| 2009 | 6     | 3   | 8    | 30     | 36     | 0.3       | 1.3     | 0.98  | 89        | 61.4054 | 51.0976 |
| 2009 | 6     | 3   | 8    | 40     | 36     | 0.3       | 1.3     | 0.9   | 89.4      | 61.4054 | 48.3318 |
| 2009 | 6     | 3   | 8    | 50     | 36     | 0.3       | 1.3     | 0.93  | 91        | 61.4054 | 49.2537 |
| 2009 | 6     | 3   | 9    | 0      | 36     | 0.3       | 1.3     | 1.02  | 86.9      | 61.4054 | 52.4805 |
| 2009 | 6     | 3   | 9    | 10     | 36     | 0.3       | 1.3     | 0.97  | 91.9      | 61.4054 | 50.5214 |
| 2009 | 6     | 3   | 9    | 20     | 36     | 0.3       | 1.3     | 0.99  | 87.9      | 61.4054 | 51.4433 |
| 2009 | 6     | 3   | 9    | 30     | 36     | 0.3       | 1.3     | 0.99  | 90        | 61.4054 | 51.4433 |
| 2009 | 6     | 3   | 9    | 40     | 36     | 0.3       | 1.3     | 0.94  | 91.2      | 61.4054 | 49.4842 |
| 2009 | 6     | 3   | 9    | 50     | 36     | 0.3       | 1.3     | 0.98  | 89.4      | 61.2487 | 51.1092 |
| 2009 | 6     | 3   | 10   | 0      | 36     | 0.3       | 1.3     | 0.94  | 90.8      | 61.2487 | 49.3837 |
| 2009 | 6     | 3   | 10   | 10     | 36     | 0.3       | 1.3     | 0.87  | 84.2      | 61.4054 | 47.0642 |
| 2009 | 6     | 3   | 10   | 20     | 36     | 0.3       | 1.3     | 0.92  | 86.3      | 61.5621 | 48.892  |
| 2009 | 6     | 3   | 10   | 30     | 36     | 0.3       | 1.3     | 0.92  | 83.6      | 61.5621 | 48.7766 |
| 2009 | 6     | 3   | 10   | 40     | 36     | 0.3       | 1.3     | 0.89  | 91.3      | 61.5621 | 48.0839 |
| 2009 | 6     | 3   | 10   | 50     | 36     | 0.3       | 1.3     | 0.89  | 84.3      | 61.4054 | 47.6404 |
| 2009 | 6     | 3   | 11   | 0      | 36     | 0.3       | 1.3     | 0.96  | 86.1      | 61.4054 | 50.4061 |
| 2009 | 6     | 3   | 11   | 10     | 36     | 0.3       | 1.3     | 1     | 87.4      | 61.4054 | 51.789  |
| 2009 | 6     | 3   | 11   | 20     | 36     | 0.3       | 1.3     | 0.92  | 88.4      | 61.4054 | 48.908  |
| 2009 | 6     | 3   | 11   | 30     | 36     | 0.3       | 1.3     | 0.93  | 84.3      | 61.5621 | 49.3538 |
| 2009 | 6     | 3   | 11   | 40     | 36     | 0.3       | 1.3     | 0.95  | 90        | 61.5621 | 50.2773 |
| 2009 | 6     | 3   | 11   | 50     | 36     | 0.3       | 1.3     | 0.88  | 93        | 61.5621 | 47.6221 |
| 2009 | 6     | 3   | 12   | 0      | 36     | 0.3       | 1.3     | 0.97  | 90.6      | 61.5621 | 50.97   |
| 2009 | 6     | 3   | 12   | 10     | 36     | 0.3       | 1.3     | 0.94  | 89.4      | 61.5621 | 49.7001 |
| 2009 | 6     | 3   | 12   | 20     | 36     | 0.3       | 1.3     | 0.95  | 89.8      | 61.5621 | 50.0465 |
| 2009 | 6     | 3   | 12   | 30     | 36     | 0.3       | 1.3     | 0.94  | 88.8      | 61.5621 | 49.8156 |
| 2009 | 6     | 3   | 12   | 40     | 36     | 0.3       | 1.3     | 0.93  | 87.4      | 61.5621 | 49.2383 |
| 2009 | 6     | 3   | 12   | 50     | 36     | 0.3       | 1.3     | 0.92  | 86.9      | 61.5621 | 49.0075 |
| 2009 | 6     | 3   | 13   | 0      | 36     | 0.3       | 1.3     | 0.93  | 87.8      | 61.5621 | 49.4692 |
| 2009 | 6     | 3   | 13   | 10     | 36     | 0.3       | 1.3     | 0.99  | 88.1      | 61.5621 | 51.6627 |
| 2009 | 6     | 3   | 13   | 20     | 36     | 0.3       | 1.3     | 0.89  | 85.6      | 61.5621 | 47.9685 |
| 2009 | 6     | 3   | 13   | 30     | 36     | 0.3       | 1.3     | 1.02  | 90        | 61.5621 | 52.4708 |
| 2009 | 6     | 3   | 13   | 40     | 36     | 0.3       | 1.3     | 0.94  | 90.8      | 61.4054 | 49.4842 |
| 2009 | 6     | 3   | 13   | 50     | 36     | 0.3       | 1.3     | 0.91  | 84.8      | 61.4054 | 48.5623 |
| 2009 | 6     | 3   | 14   | 0      | 36     | 0.3       | 1.3     | 0.97  | 89        | 61.4054 | 50.8671 |
| 2009 | 6     | 3   | 14   | 10     | 36     | 0.3       | 1.3     | 0.92  | 89        | 61.5621 | 49.0075 |
| 2009 | 6     | 3   | 14   | 20     | 36     | 0.3       | 1.3     | 0.96  | 88.6      | 61.4054 | 50.4061 |
| 2009 | 6     | 3   | 14   | 30     | 36     | 0.3       | 1.3     | 0.91  | 87.3      | 61.4054 | 48.6775 |
| 2009 | 6     | 3   | 14   | 40     | 36     | 0.3       | 1.3     | 0.9   | 85.2      | 61.4054 | 47.9861 |
| 2009 | 6     | 3   | 14   | 50     | 36     | 0.3       | 1.3     | 0.99  | 91.1      | 61.4054 | 51.4433 |
| 2009 | 6     | 3   | 15   | 0      | 36     | 0.3       | 1.3     | 0.93  | 91        | 61.4054 | 49.2537 |
| 2009 | 6     | 3   | 15   | 10     | 36     | 0.3       | 1.3     | 0.95  | 86.6      | 61.4054 | 49.8299 |
| 2009 | 6     | 3   | 15   | 20     | 36     | 0.3       | 1.3     | 0.95  | 90.8      | 61.4054 | 50.1757 |
| 2009 | 6     | 3   | 15   | 30     | 36     | 0.3       | 1.3     | 0.92  | 87.4      | 61.4054 | 49.0232 |
| 2009 | 6     | 3   | 15   | 40     | 36     | 0.3       | 1.3     | 0.89  | 82.6      | 61.4054 | 47.7556 |
| 2009 | 6     | 3   | 15   | 50     | 36     | 0.3       | 1.3     | 0.91  | 85.9      | 61.4054 | 48.6775 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 3   | 16   | 0      | 36     | 0.3       | 1.3     | 0.87  | 88.3      | 61.5621 | 47.2758 |
| 2009 | 6     | 3   | 16   | 10     | 36     | 0.3       | 1.3     | 0.88  | 85.7      | 61.5621 | 47.3912 |
| 2009 | 6     | 3   | 16   | 20     | 36     | 0.3       | 1.3     | 0.92  | 87.8      | 61.5621 | 49.0075 |
| 2009 | 6     | 3   | 16   | 30     | 36     | 0.3       | 1.3     | 0.91  | 90        | 61.5621 | 48.6611 |
| 2009 | 6     | 3   | 16   | 40     | 36     | 0.3       | 1.3     | 0.97  | 89.4      | 61.719  | 51.0728 |
| 2009 | 6     | 3   | 16   | 50     | 36     | 0.3       | 1.3     | 1     | 86.4      | 61.719  | 51.998  |
| 2009 | 6     | 3   | 17   | 0      | 36     | 0.3       | 1.3     | 0.95  | 88.8      | 61.719  | 50.032  |
| 2009 | 6     | 3   | 17   | 10     | 36     | 0.3       | 1.3     | 0.97  | 87.7      | 61.876  | 50.9439 |
| 2009 | 6     | 3   | 17   | 20     | 36     | 0.3       | 1.3     | 0.94  | 90        | 61.876  | 49.7854 |
| 2009 | 6     | 3   | 17   | 30     | 36     | 0.3       | 1.3     | 0.94  | 89.4      | 62.033  | 50.1178 |
| 2009 | 6     | 3   | 17   | 40     | 36     | 0.3       | 1.3     | 0.94  | 84.2      | 62.033  | 49.8857 |
| 2009 | 6     | 3   | 17   | 50     | 36     | 0.3       | 1.3     | 0.95  | 88        | 62.033  | 50.2339 |
| 2009 | 6     | 3   | 18   | 0      | 36     | 0.3       | 1.3     | 0.9   | 89.8      | 62.5047 | 48.7863 |
| 2009 | 6     | 3   | 18   | 10     | 36     | 0.3       | 1.3     | 0.94  | 89.2      | 62.5047 | 50.4195 |
| 2009 | 6     | 3   | 18   | 20     | 36     | 0.3       | 1.3     | 1.04  | 90        | 62.5047 | 53.9193 |
| 2009 | 6     | 3   | 18   | 30     | 36     | 0.3       | 1.3     | 0.91  | 90.2      | 62.6621 | 49.4682 |
| 2009 | 6     | 3   | 18   | 40     | 36     | 0.3       | 1.3     | 0.89  | 88.1      | 62.6621 | 48.6502 |
| 2009 | 6     | 3   | 18   | 50     | 36     | 0.3       | 1.3     | 0.93  | 88.2      | 62.6621 | 50.1694 |
| 2009 | 6     | 3   | 19   | 0      | 36     | 0.3       | 1.3     | 0.96  | 90        | 62.6621 | 51.2211 |
| 2009 | 6     | 3   | 19   | 10     | 36     | 0.3       | 1.3     | 0.93  | 87.8      | 62.6621 | 49.9357 |
| 2009 | 6     | 3   | 19   | 20     | 36     | 0.3       | 1.3     | 1     | 88.5      | 62.6621 | 52.5066 |
| 2009 | 6     | 3   | 19   | 30     | 36     | 0.3       | 1.3     | 0.88  | 88.3      | 62.6621 | 48.2996 |
| 2009 | 6     | 3   | 19   | 40     | 36     | 0.3       | 1.3     | 0.95  | 93.6      | 62.6621 | 50.8705 |
| 2009 | 6     | 3   | 19   | 50     | 36     | 0.3       | 1.3     | 0.96  | 88.6      | 62.6621 | 51.1043 |
| 2009 | 6     | 3   | 20   | 0      | 36     | 0.3       | 1.3     | 0.92  | 90        | 62.6621 | 49.702  |
| 2009 | 6     | 3   | 20   | 10     | 36     | 0.3       | 1.3     | 0.92  | 88.2      | 62.6621 | 49.5851 |
| 2009 | 6     | 3   | 20   | 20     | 36     | 0.3       | 1.3     | 0.92  | 88.8      | 62.6621 | 49.8188 |
| 2009 | 6     | 3   | 20   | 30     | 36     | 0.3       | 1.3     | 0.97  | 90        | 62.6621 | 51.4548 |
| 2009 | 6     | 3   | 20   | 40     | 36     | 0.3       | 1.3     | 0.93  | 89        | 62.6621 | 49.9357 |
| 2009 | 6     | 3   | 20   | 50     | 36     | 0.3       | 1.3     | 0.98  | 89.2      | 62.5047 | 51.7028 |
| 2009 | 6     | 3   | 21   | 0      | 36     | 0.3       | 1.3     | 0.97  | 91.8      | 62.5047 | 51.2361 |
| 2009 | 6     | 3   | 21   | 10     | 36     | 0.3       | 1.3     | 0.95  | 89.8      | 62.5047 | 50.8862 |
| 2009 | 6     | 3   | 21   | 20     | 36     | 0.3       | 1.3     | 1.02  | 88.9      | 62.5047 | 53.2193 |
| 2009 | 6     | 3   | 21   | 30     | 36     | 0.3       | 1.3     | 0.96  | 90.4      | 62.5047 | 51.2361 |
| 2009 | 6     | 3   | 21   | 40     | 36     | 0.3       | 1.3     | 0.99  | 90        | 62.5047 | 52.1694 |
| 2009 | 6     | 3   | 21   | 50     | 36     | 0.3       | 1.3     | 0.85  | 89.3      | 62.5047 | 47.2697 |
| 2009 | 6     | 3   | 22   | 0      | 36     | 0.3       | 1.3     | 0.94  | 87.2      | 62.5047 | 50.3029 |
| 2009 | 6     | 3   | 22   | 10     | 36     | 0.3       | 1.3     | 0.99  | 88.7      | 62.5047 | 52.286  |
| 2009 | 6     | 3   | 22   | 20     | 36     | 0.3       | 1.3     | 0.88  | 90.2      | 62.5047 | 48.203  |
| 2009 | 6     | 3   | 22   | 30     | 36     | 0.3       | 1.3     | 0.89  | 92.1      | 62.5047 | 48.6696 |
| 2009 | 6     | 3   | 22   | 40     | 36     | 0.3       | 1.3     | 0.93  | 89.4      | 62.5047 | 49.9529 |
| 2009 | 6     | 3   | 22   | 50     | 36     | 0.3       | 1.3     | 0.92  | 93.5      | 62.5047 | 49.4863 |
| 2009 | 6     | 3   | 23   | 0      | 36     | 0.3       | 1.3     | 0.94  | 87.6      | 62.5047 | 50.3029 |
| 2009 | 6     | 3   | 23   | 10     | 36     | 0.3       | 1.3     | 0.95  | 89.4      | 62.5047 | 50.8862 |
| 2009 | 6     | 3   | 23   | 20     | 36     | 0.3       | 1.3     | 0.97  | 90.6      | 62.5047 | 51.5861 |
| 2009 | 6     | 3   | 23   | 30     | 36     | 0.3       | 1.3     | 0.99  | 92.1      | 62.5047 | 52.0527 |
| 2009 | 6     | 3   | 23   | 40     | 36     | 0.3       | 1.3     | 0.95  | 91        | 62.5047 | 50.8862 |
| 2009 | 6     | 3   | 23   | 50     | 36     | 0.3       | 1.3     | 0.92  | 91.6      | 62.5047 | 49.4863 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 4   | 0    | 0      | 36     | 0.3       | 1.3     | 1.01  | 89.1      | 62.3474 | 52.7646 |
| 2009 | 6     | 4   | 0    | 10     | 36     | 0.3       | 1.3     | 0.91  | 90.2      | 62.5047 | 49.3696 |
| 2009 | 6     | 4   | 0    | 20     | 36     | 0.3       | 1.3     | 0.97  | 90.8      | 62.5047 | 51.3528 |
| 2009 | 6     | 4   | 0    | 30     | 36     | 0.3       | 1.3     | 0.93  | 91.8      | 62.5047 | 49.9529 |
| 2009 | 6     | 4   | 0    | 40     | 36     | 0.3       | 1.3     | 0.96  | 91.2      | 62.3474 | 50.9013 |
| 2009 | 6     | 4   | 0    | 50     | 36     | 0.3       | 1.3     | 0.98  | 89        | 62.5047 | 51.7028 |
| 2009 | 6     | 4   | 1    | 0      | 36     | 0.3       | 1.3     | 0.94  | 93        | 62.5047 | 50.1862 |
| 2009 | 6     | 4   | 1    | 10     | 36     | 0.3       | 1.3     | 0.91  | 90        | 62.5047 | 49.2529 |
| 2009 | 6     | 4   | 1    | 20     | 36     | 0.3       | 1.3     | 0.93  | 90        | 62.5047 | 49.9529 |
| 2009 | 6     | 4   | 1    | 30     | 36     | 0.3       | 1.3     | 0.94  | 91        | 62.5047 | 50.4195 |
| 2009 | 6     | 4   | 1    | 40     | 36     | 0.3       | 1.3     | 1     | 89.2      | 62.5047 | 52.5194 |
| 2009 | 6     | 4   | 1    | 50     | 36     | 0.3       | 1.3     | 0.92  | 93.7      | 62.5047 | 49.7196 |
| 2009 | 6     | 4   | 2    | 0      | 36     | 0.3       | 1.3     | 0.95  | 91.6      | 62.5047 | 50.7695 |
| 2009 | 6     | 4   | 2    | 10     | 36     | 0.3       | 1.3     | 0.94  | 91.8      | 62.5047 | 50.3029 |
| 2009 | 6     | 4   | 2    | 20     | 36     | 0.3       | 1.3     | 0.94  | 89.6      | 62.5047 | 50.1862 |
| 2009 | 6     | 4   | 2    | 30     | 36     | 0.3       | 1.3     | 0.92  | 90.2      | 62.5047 | 49.7196 |
| 2009 | 6     | 4   | 2    | 40     | 36     | 0.3       | 1.3     | 0.88  | 91.1      | 62.5047 | 48.203  |
| 2009 | 6     | 4   | 2    | 50     | 36     | 0.3       | 1.3     | 0.93  | 95        | 62.5047 | 49.9529 |
| 2009 | 6     | 4   | 3    | 0      | 36     | 0.3       | 1.3     | 0.97  | 91.7      | 62.5047 | 51.5861 |
| 2009 | 6     | 4   | 3    | 10     | 36     | 0.3       | 1.3     | 0.91  | 86.9      | 62.5047 | 49.3696 |
| 2009 | 6     | 4   | 3    | 20     | 36     | 0.3       | 1.3     | 0.84  | 92.2      | 62.5047 | 46.9198 |
| 2009 | 6     | 4   | 3    | 30     | 36     | 0.3       | 1.3     | 1.02  | 90.7      | 62.5047 | 53.2193 |
| 2009 | 6     | 4   | 3    | 40     | 36     | 0.3       | 1.3     | 0.92  | 88        | 62.5047 | 49.6029 |
| 2009 | 6     | 4   | 3    | 50     | 36     | 0.3       | 1.3     | 1     | 91.7      | 62.5047 | 52.5194 |
| 2009 | 6     | 4   | 4    | 0      | 36     | 0.3       | 1.3     | 0.95  | 88.8      | 62.5047 | 50.7695 |
| 2009 | 6     | 4   | 4    | 10     | 36     | 0.3       | 1.3     | 0.91  | 90.2      | 62.5047 | 49.2529 |
| 2009 | 6     | 4   | 4    | 20     | 36     | 0.3       | 1.3     | 0.94  | 84.4      | 62.5047 | 50.0695 |
| 2009 | 6     | 4   | 4    | 30     | 36     | 0.3       | 1.3     | 0.86  | 92.8      | 62.5047 | 47.6197 |
| 2009 | 6     | 4   | 4    | 40     | 36     | 0.3       | 1.3     | 0.92  | 92.4      | 62.5047 | 49.7196 |
| 2009 | 6     | 4   | 4    | 50     | 36     | 0.3       | 1.3     | 0.94  | 87.8      | 62.5047 | 50.1862 |
| 2009 | 6     | 4   | 5    | 0      | 36     | 0.3       | 1.3     | 0.93  | 90        | 62.5047 | 49.8362 |
| 2009 | 6     | 4   | 5    | 10     | 36     | 0.3       | 1.3     | 1.03  | 90.5      | 62.5047 | 53.4526 |
| 2009 | 6     | 4   | 5    | 20     | 36     | 0.3       | 1.3     | 0.98  | 92.7      | 62.5047 | 51.7028 |
| 2009 | 6     | 4   | 5    | 30     | 36     | 0.3       | 1.3     | 1.04  | 90.7      | 62.5047 | 53.8026 |
| 2009 | 6     | 4   | 5    | 40     | 36     | 0.3       | 1.3     | 0.97  | 91.9      | 62.5047 | 51.5861 |
| 2009 | 6     | 4   | 5    | 50     | 36     | 0.3       | 1.3     | 0.94  | 93.8      | 62.5047 | 50.1862 |
| 2009 | 6     | 4   | 6    | 0      | 36     | 0.3       | 1.3     | 0.94  | 93.8      | 62.5047 | 50.1862 |
| 2009 | 6     | 4   | 6    | 10     | 36     | 0.3       | 1.3     | 0.94  | 89.2      | 62.5047 | 50.1862 |
| 2009 | 6     | 4   | 6    | 20     | 36     | 0.3       | 1.3     | 0.9   | 90        | 62.5047 | 48.903  |
| 2009 | 6     | 4   | 6    | 30     | 36     | 0.3       | 1.3     | 0.93  | 88.4      | 62.5047 | 49.9529 |
| 2009 | 6     | 4   | 6    | 40     | 36     | 0.3       | 1.3     | 0.95  | 90        | 62.5047 | 50.8862 |
| 2009 | 6     | 4   | 6    | 50     | 36     | 0.3       | 1.3     | 0.97  | 93.1      | 62.6621 | 51.4548 |
| 2009 | 6     | 4   | 7    | 0      | 36     | 0.3       | 1.3     | 0.94  | 91        | 62.5047 | 50.3029 |
| 2009 | 6     | 4   | 7    | 10     | 36     | 0.3       | 1.3     | 0.89  | 90        | 62.6621 | 48.5334 |
| 2009 | 6     | 4   | 7    | 20     | 36     | 0.3       | 1.3     | 0.93  | 92.6      | 62.6621 | 50.1694 |
| 2009 | 6     | 4   | 7    | 30     | 36     | 0.3       | 1.3     | 0.94  | 90.2      | 62.6621 | 50.52   |
| 2009 | 6     | 4   | 7    | 40     | 36     | 0.3       | 1.3     | 0.95  | 93        | 62.6621 | 50.7537 |
| 2009 | 6     | 4   | 7    | 50     | 36     | 0.3       | 1.3     | 0.99  | 93.1      | 62.6621 | 52.0391 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 4   | 8    | 0      | 36     | 0.3       | 1.3     | 1.02  | 86.9      | 62.6621 | 53.2077 |
| 2009 | 6     | 4   | 8    | 10     | 36     | 0.3       | 1.3     | 1.02  | 90        | 62.6621 | 53.2077 |
| 2009 | 6     | 4   | 8    | 20     | 36     | 0.3       | 1.3     | 0.94  | 89        | 62.6621 | 50.4031 |
| 2009 | 6     | 4   | 8    | 30     | 36     | 0.3       | 1.3     | 1.02  | 89.8      | 62.6621 | 53.2077 |
| 2009 | 6     | 4   | 8    | 40     | 36     | 0.3       | 1.3     | 0.9   | 91        | 62.6621 | 49.1177 |
| 2009 | 6     | 4   | 8    | 50     | 36     | 0.3       | 1.3     | 0.99  | 93.2      | 62.6621 | 52.156  |
| 2009 | 6     | 4   | 9    | 0      | 36     | 0.3       | 1.3     | 0.94  | 89.2      | 62.6621 | 50.52   |
| 2009 | 6     | 4   | 9    | 10     | 36     | 0.3       | 1.3     | 0.92  | 93.7      | 62.6621 | 49.8188 |
| 2009 | 6     | 4   | 9    | 20     | 36     | 0.3       | 1.3     | 0.98  | 90        | 62.6621 | 51.9223 |
| 2009 | 6     | 4   | 9    | 30     | 36     | 0.3       | 1.3     | 0.85  | 94.9      | 62.6621 | 47.2479 |
| 2009 | 6     | 4   | 9    | 40     | 36     | 0.3       | 1.3     | 0.99  | 93.1      | 62.6621 | 52.0391 |
| 2009 | 6     | 4   | 9    | 50     | 36     | 0.3       | 1.3     | 0.99  | 90        | 62.6621 | 52.156  |
| 2009 | 6     | 4   | 10   | 0      | 36     | 0.3       | 1.3     | 0.95  | 91.2      | 62.6621 | 50.7537 |
| 2009 | 6     | 4   | 10   | 10     | 36     | 0.3       | 1.3     | 0.91  | 90        | 62.6621 | 49.2345 |
| 2009 | 6     | 4   | 10   | 20     | 36     | 0.3       | 1.3     | 1     | 90.2      | 62.6621 | 52.5066 |
| 2009 | 6     | 4   | 10   | 30     | 36     | 0.3       | 1.3     | 0.99  | 90        | 62.6621 | 52.3897 |
| 2009 | 6     | 4   | 10   | 40     | 36     | 0.3       | 1.3     | 0.92  | 93.9      | 62.6621 | 49.8188 |
| 2009 | 6     | 4   | 10   | 50     | 36     | 0.3       | 1.3     | 1     | 89.2      | 62.6621 | 52.5066 |
| 2009 | 6     | 4   | 11   | 0      | 36     | 0.3       | 1.3     | 0.94  | 91.8      | 62.6621 | 50.52   |
| 2009 | 6     | 4   | 11   | 10     | 36     | 0.3       | 1.3     | 0.95  | 89        | 62.5047 | 50.8862 |
| 2009 | 6     | 4   | 11   | 20     | 36     | 0.3       | 1.3     | 0.97  | 86.5      | 62.5047 | 51.4694 |
| 2009 | 6     | 4   | 11   | 30     | 36     | 0.3       | 1.3     | 0.95  | 88        | 62.5047 | 50.6528 |
| 2009 | 6     | 4   | 11   | 40     | 36     | 0.3       | 1.3     | 0.96  | 89.8      | 62.5047 | 51.0028 |
| 2009 | 6     | 4   | 11   | 50     | 36     | 0.3       | 1.3     | 0.97  | 88.3      | 62.6621 | 51.6886 |
| 2009 | 6     | 4   | 12   | 0      | 36     | 0.3       | 1.3     | 0.93  | 91.2      | 62.5047 | 50.0695 |
| 2009 | 6     | 4   | 12   | 10     | 36     | 0.3       | 1.3     | 0.9   | 89.2      | 62.5047 | 48.7863 |
| 2009 | 6     | 4   | 12   | 20     | 36     | 0.3       | 1.3     | 0.97  | 91.8      | 62.5047 | 51.2361 |
| 2009 | 6     | 4   | 12   | 30     | 36     | 0.3       | 1.3     | 0.94  | 90.8      | 62.5047 | 50.1862 |
| 2009 | 6     | 4   | 12   | 40     | 36     | 0.3       | 1.3     | 0.99  | 90.6      | 62.5047 | 52.1694 |
| 2009 | 6     | 4   | 12   | 50     | 36     | 0.3       | 1.3     | 0.91  | 86.7      | 62.5047 | 49.1363 |
| 2009 | 6     | 4   | 13   | 0      | 36     | 0.3       | 1.3     | 0.96  | 87        | 62.5047 | 50.8862 |
| 2009 | 6     | 4   | 13   | 10     | 36     | 0.3       | 1.3     | 0.92  | 94.1      | 62.3474 | 49.5038 |
| 2009 | 6     | 4   | 13   | 20     | 36     | 0.3       | 1.3     | 0.89  | 90        | 62.5047 | 48.6696 |
| 2009 | 6     | 4   | 13   | 30     | 36     | 0.3       | 1.3     | 0.96  | 89.6      | 62.3474 | 51.0178 |
| 2009 | 6     | 4   | 13   | 40     | 36     | 0.3       | 1.3     | 0.94  | 90.6      | 62.3474 | 50.2026 |
| 2009 | 6     | 4   | 13   | 50     | 36     | 0.3       | 1.3     | 0.98  | 88.1      | 62.1901 | 51.7298 |
| 2009 | 6     | 4   | 14   | 0      | 36     | 0.3       | 1.3     | 0.9   | 88.5      | 62.1901 | 48.5909 |
| 2009 | 6     | 4   | 14   | 10     | 36     | 0.3       | 1.3     | 0.96  | 88        | 62.033  | 50.6981 |
| 2009 | 6     | 4   | 14   | 20     | 36     | 0.3       | 1.3     | 0.94  | 89.8      | 62.033  | 50.0018 |
| 2009 | 6     | 4   | 14   | 30     | 36     | 0.3       | 1.3     | 0.96  | 86.5      | 62.033  | 50.8141 |
| 2009 | 6     | 4   | 14   | 40     | 36     | 0.3       | 1.3     | 0.94  | 90        | 61.876  | 50.133  |
| 2009 | 6     | 4   | 14   | 50     | 36     | 0.3       | 1.3     | 1.02  | 90.4      | 61.876  | 52.6817 |
| 2009 | 6     | 4   | 15   | 0      | 36     | 0.3       | 1.3     | 0.92  | 87.1      | 61.876  | 49.0903 |
| 2009 | 6     | 4   | 15   | 10     | 36     | 0.3       | 1.3     | 0.96  | 87.7      | 61.876  | 50.7122 |
| 2009 | 6     | 4   | 15   | 20     | 36     | 0.3       | 1.3     | 1.01  | 85.2      | 61.876  | 52.45   |
| 2009 | 6     | 4   | 15   | 30     | 36     | 0.3       | 1.3     | 0.92  | 89.4      | 61.876  | 49.2062 |
| 2009 | 6     | 4   | 15   | 40     | 36     | 0.3       | 1.3     | 0.96  | 90        | 61.876  | 50.7122 |
| 2009 | 6     | 4   | 15   | 50     | 36     | 0.3       | 1.3     | 0.93  | 89        | 61.719  | 49.4538 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 4   | 16   | 0      | 36     | 0.3       | 1.3     | 0.91  | 85        | 61.719  | 48.6442 |
| 2009 | 6     | 4   | 16   | 10     | 36     | 0.3       | 1.3     | 0.91  | 88.1      | 61.719  | 48.8755 |
| 2009 | 6     | 4   | 16   | 20     | 36     | 0.3       | 1.3     | 0.88  | 88.5      | 61.719  | 47.8347 |
| 2009 | 6     | 4   | 16   | 30     | 36     | 0.3       | 1.3     | 0.93  | 89.4      | 61.719  | 49.3381 |
| 2009 | 6     | 4   | 16   | 40     | 36     | 0.3       | 1.3     | 0.93  | 86.4      | 61.719  | 49.5694 |
| 2009 | 6     | 4   | 16   | 50     | 36     | 0.3       | 1.3     | 0.93  | 86.6      | 61.719  | 49.4538 |
| 2009 | 6     | 4   | 17   | 0      | 36     | 0.3       | 1.3     | 0.97  | 89.2      | 61.719  | 51.0728 |
| 2009 | 6     | 4   | 17   | 10     | 36     | 0.3       | 1.3     | 0.93  | 84.5      | 61.719  | 49.3381 |
| 2009 | 6     | 4   | 17   | 20     | 36     | 0.3       | 1.3     | 0.92  | 87.1      | 61.719  | 48.9912 |
| 2009 | 6     | 4   | 17   | 30     | 36     | 0.3       | 1.3     | 0.86  | 85.4      | 61.5621 | 46.814  |
| 2009 | 6     | 4   | 17   | 40     | 36     | 0.3       | 1.3     | 0.97  | 88.3      | 61.719  | 51.0728 |
| 2009 | 6     | 4   | 17   | 50     | 36     | 0.3       | 1.3     | 1     | 88.9      | 61.719  | 51.8824 |
| 2009 | 6     | 4   | 18   | 0      | 36     | 0.3       | 1.3     | 0.9   | 89.2      | 61.5621 | 48.3148 |
| 2009 | 6     | 4   | 18   | 10     | 36     | 0.3       | 1.3     | 0.98  | 88.5      | 61.5621 | 51.0854 |
| 2009 | 6     | 4   | 18   | 20     | 36     | 0.3       | 1.3     | 0.99  | 86.6      | 61.5621 | 51.4318 |
| 2009 | 6     | 4   | 18   | 30     | 36     | 0.3       | 1.3     | 0.9   | 92.3      | 61.5621 | 48.3148 |
| 2009 | 6     | 4   | 18   | 40     | 36     | 0.3       | 1.3     | 0.93  | 91        | 61.5621 | 49.4692 |
| 2009 | 6     | 4   | 18   | 50     | 36     | 0.3       | 1.3     | 0.88  | 91.5      | 61.5621 | 47.6221 |
| 2009 | 6     | 4   | 19   | 0      | 36     | 0.3       | 1.3     | 0.92  | 84.3      | 61.5621 | 48.892  |
| 2009 | 6     | 4   | 19   | 10     | 36     | 0.3       | 1.3     | 1.01  | 90.7      | 61.5621 | 52.3553 |
| 2009 | 6     | 4   | 19   | 20     | 36     | 0.3       | 1.3     | 0.94  | 88.6      | 61.5621 | 49.7001 |
| 2009 | 6     | 4   | 19   | 30     | 36     | 0.3       | 1.3     | 0.91  | 89.2      | 61.5621 | 48.5457 |
| 2009 | 6     | 4   | 19   | 40     | 36     | 0.3       | 1.3     | 0.88  | 88.1      | 61.5621 | 47.6221 |
| 2009 | 6     | 4   | 19   | 50     | 36     | 0.3       | 1.3     | 0.95  | 88.2      | 61.5621 | 49.931  |
| 2009 | 6     | 4   | 20   | 0      | 36     | 0.3       | 1.3     | 0.99  | 89.2      | 61.5621 | 51.6627 |
| 2009 | 6     | 4   | 20   | 10     | 36     | 0.3       | 1.3     | 0.92  | 87.5      | 61.4054 | 48.7928 |
| 2009 | 6     | 4   | 20   | 20     | 36     | 0.3       | 1.3     | 0.98  | 89.8      | 61.5621 | 51.0854 |
| 2009 | 6     | 4   | 20   | 30     | 36     | 0.3       | 1.3     | 0.93  | 89.8      | 61.5621 | 49.4692 |
| 2009 | 6     | 4   | 20   | 40     | 36     | 0.3       | 1.3     | 1.01  | 93.2      | 61.5621 | 52.009  |
| 2009 | 6     | 4   | 20   | 50     | 36     | 0.3       | 1.3     | 0.9   | 85.8      | 61.4054 | 48.3318 |
| 2009 | 6     | 4   | 21   | 0      | 36     | 0.3       | 1.3     | 0.87  | 91.3      | 61.5621 | 47.3912 |
| 2009 | 6     | 4   | 21   | 10     | 36     | 0.3       | 1.3     | 1     | 91.5      | 61.4054 | 51.6738 |
| 2009 | 6     | 4   | 21   | 20     | 36     | 0.3       | 1.3     | 0.95  | 89.8      | 61.5621 | 50.2773 |
| 2009 | 6     | 4   | 21   | 30     | 36     | 0.3       | 1.3     | 0.97  | 88.5      | 61.5621 | 50.97   |
| 2009 | 6     | 4   | 21   | 40     | 36     | 0.3       | 1.3     | 0.97  | 88.1      | 61.4054 | 50.6366 |
| 2009 | 6     | 4   | 21   | 50     | 36     | 0.3       | 1.3     | 0.93  | 90        | 61.4054 | 49.1385 |
| 2009 | 6     | 4   | 22   | 0      | 36     | 0.3       | 1.3     | 0.92  | 88.2      | 61.4054 | 48.7928 |
| 2009 | 6     | 4   | 22   | 10     | 36     | 0.3       | 1.3     | 0.96  | 86.7      | 61.4054 | 50.2909 |
| 2009 | 6     | 4   | 22   | 20     | 36     | 0.3       | 1.3     | 0.98  | 92.7      | 61.4054 | 50.8671 |
| 2009 | 6     | 4   | 22   | 30     | 36     | 0.3       | 1.3     | 0.96  | 91.2      | 61.4054 | 50.5214 |
| 2009 | 6     | 4   | 22   | 40     | 36     | 0.3       | 1.3     | 0.97  | 89.2      | 61.4054 | 50.8671 |
| 2009 | 6     | 4   | 22   | 50     | 36     | 0.3       | 1.3     | 0.95  | 93.9      | 61.4054 | 50.0604 |
| 2009 | 6     | 4   | 23   | 0      | 36     | 0.3       | 1.3     | 0.94  | 90.4      | 61.4054 | 49.7147 |
| 2009 | 6     | 4   | 23   | 10     | 36     | 0.3       | 1.3     | 0.94  | 89.6      | 61.4054 | 49.5994 |
| 2009 | 6     | 4   | 23   | 20     | 36     | 0.3       | 1.3     | 0.98  | 89.6      | 61.4054 | 51.2128 |
| 2009 | 6     | 4   | 23   | 30     | 36     | 0.3       | 1.3     | 0.91  | 88.3      | 61.4054 | 48.5623 |
| 2009 | 6     | 4   | 23   | 40     | 36     | 0.3       | 1.3     | 0.94  | 88.4      | 61.4054 | 49.7147 |
| 2009 | 6     | 4   | 23   | 50     | 36     | 0.3       | 1.3     | 0.92  | 93.1      | 61.4054 | 48.908  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 5   | 0    | 0      | 36     | 0.3       | 1.3     | 0.88  | 89.1      | 61.4054 | 47.6404 |
| 2009 | 6     | 5   | 0    | 10     | 36     | 0.3       | 1.3     | 0.96  | 92.3      | 61.4054 | 50.4061 |
| 2009 | 6     | 5   | 0    | 20     | 36     | 0.3       | 1.3     | 0.96  | 89.8      | 61.4054 | 50.5214 |
| 2009 | 6     | 5   | 0    | 30     | 36     | 0.3       | 1.3     | 0.94  | 92.2      | 61.4054 | 49.7147 |
| 2009 | 6     | 5   | 0    | 40     | 36     | 0.3       | 1.3     | 0.93  | 88.2      | 61.4054 | 49.369  |
| 2009 | 6     | 5   | 0    | 50     | 36     | 0.3       | 1.3     | 0.95  | 90        | 61.4054 | 50.0604 |
| 2009 | 6     | 5   | 1    | 0      | 36     | 0.3       | 1.3     | 0.89  | 88.3      | 61.4054 | 47.7556 |
| 2009 | 6     | 5   | 1    | 10     | 36     | 0.3       | 1.3     | 1.03  | 87.8      | 61.4054 | 52.7109 |
| 2009 | 6     | 5   | 1    | 20     | 36     | 0.3       | 1.3     | 0.9   | 88.1      | 61.4054 | 48.2166 |
| 2009 | 6     | 5   | 1    | 30     | 36     | 0.3       | 1.3     | 0.89  | 90        | 61.4054 | 47.9861 |
| 2009 | 6     | 5   | 1    | 40     | 36     | 0.3       | 1.3     | 0.98  | 90.2      | 61.4054 | 51.2128 |
| 2009 | 6     | 5   | 1    | 50     | 36     | 0.3       | 1.3     | 0.95  | 90        | 61.4054 | 50.0604 |
| 2009 | 6     | 5   | 2    | 0      | 36     | 0.3       | 1.3     | 0.94  | 91        | 61.5621 | 49.5847 |
| 2009 | 6     | 5   | 2    | 10     | 36     | 0.3       | 1.3     | 0.93  | 89.2      | 61.4054 | 49.369  |
| 2009 | 6     | 5   | 2    | 20     | 36     | 0.3       | 1.3     | 0.94  | 89.2      | 61.5621 | 49.931  |
| 2009 | 6     | 5   | 2    | 30     | 36     | 0.3       | 1.3     | 0.93  | 89.4      | 61.5621 | 49.3538 |
| 2009 | 6     | 5   | 2    | 40     | 36     | 0.3       | 1.3     | 0.98  | 87.5      | 61.5621 | 51.0854 |
| 2009 | 6     | 5   | 2    | 50     | 36     | 0.3       | 1.3     | 0.97  | 90.8      | 61.5621 | 50.8546 |
| 2009 | 6     | 5   | 3    | 0      | 36     | 0.3       | 1.3     | 0.97  | 91.2      | 61.719  | 50.8415 |
| 2009 | 6     | 5   | 3    | 10     | 36     | 0.3       | 1.3     | 0.92  | 90        | 61.719  | 49.2225 |
| 2009 | 6     | 5   | 3    | 20     | 36     | 0.3       | 1.3     | 0.92  | 92.6      | 61.876  | 49.322  |
| 2009 | 6     | 5   | 3    | 30     | 36     | 0.3       | 1.3     | 0.95  | 92.2      | 61.876  | 50.2488 |
| 2009 | 6     | 5   | 3    | 40     | 36     | 0.3       | 1.3     | 0.95  | 91.8      | 61.876  | 50.133  |
| 2009 | 6     | 5   | 3    | 50     | 36     | 0.3       | 1.3     | 0.95  | 92        | 62.033  | 50.2339 |
| 2009 | 6     | 5   | 4    | 0      | 36     | 0.3       | 1.3     | 1     | 87        | 62.1901 | 52.0785 |
| 2009 | 6     | 5   | 4    | 10     | 36     | 0.3       | 1.3     | 0.98  | 92.1      | 62.1901 | 51.7298 |
| 2009 | 6     | 5   | 4    | 20     | 36     | 0.3       | 1.3     | 0.93  | 90        | 62.1901 | 49.8697 |
| 2009 | 6     | 5   | 4    | 30     | 36     | 0.3       | 1.3     | 0.98  | 93.1      | 62.1901 | 51.4972 |
| 2009 | 6     | 5   | 4    | 40     | 36     | 0.3       | 1.3     | 0.91  | 93.9      | 62.3474 | 49.038  |
| 2009 | 6     | 5   | 4    | 50     | 36     | 0.3       | 1.3     | 0.98  | 91.9      | 62.3474 | 51.7165 |
| 2009 | 6     | 5   | 5    | 0      | 36     | 0.3       | 1.3     | 0.95  | 92.8      | 62.3474 | 50.5519 |
| 2009 | 6     | 5   | 5    | 10     | 36     | 0.3       | 1.3     | 1     | 89.2      | 62.3474 | 52.2988 |
| 2009 | 6     | 5   | 5    | 20     | 36     | 0.3       | 1.3     | 0.94  | 90        | 62.5047 | 50.3029 |
| 2009 | 6     | 5   | 5    | 30     | 36     | 0.3       | 1.3     | 0.84  | 91.1      | 62.5047 | 46.9198 |
| 2009 | 6     | 5   | 5    | 40     | 36     | 0.3       | 1.3     | 0.85  | 88.4      | 62.5047 | 47.0364 |
| 2009 | 6     | 5   | 5    | 50     | 36     | 0.3       | 1.3     | 0.99  | 91.1      | 62.5047 | 52.286  |
| 2009 | 6     | 5   | 6    | 0      | 36     | 0.3       | 1.3     | 0.93  | 92.8      | 62.5047 | 49.8362 |
| 2009 | 6     | 5   | 6    | 10     | 36     | 0.3       | 1.3     | 0.93  | 94.4      | 62.6621 | 50.0525 |
| 2009 | 6     | 5   | 6    | 20     | 36     | 0.3       | 1.3     | 0.92  | 90.2      | 62.6621 | 49.702  |
| 2009 | 6     | 5   | 6    | 30     | 36     | 0.3       | 1.3     | 0.95  | 93.6      | 62.6621 | 50.7537 |
| 2009 | 6     | 5   | 6    | 40     | 36     | 0.3       | 1.3     | 0.96  | 90.8      | 62.6621 | 51.338  |
| 2009 | 6     | 5   | 6    | 50     | 36     | 0.3       | 1.3     | 1.01  | 88.5      | 62.6621 | 52.974  |
| 2009 | 6     | 5   | 7    | 0      | 36     | 0.3       | 1.3     | 0.93  | 90.2      | 62.6621 | 49.9357 |
| 2009 | 6     | 5   | 7    | 10     | 36     | 0.3       | 1.3     | 0.98  | 93.8      | 62.6621 | 51.8054 |
| 2009 | 6     | 5   | 7    | 20     | 36     | 0.3       | 1.3     | 0.96  | 91.6      | 62.8196 | 51.4398 |
| 2009 | 6     | 5   | 7    | 30     | 36     | 0.3       | 1.3     | 0.97  | 92.5      | 62.6621 | 51.4548 |
| 2009 | 6     | 5   | 7    | 40     | 36     | 0.3       | 1.3     | 0.95  | 91.8      | 62.8196 | 50.9715 |
| 2009 | 6     | 5   | 7    | 50     | 36     | 0.3       | 1.3     | 0.98  | 88.9      | 62.6621 | 52.0391 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 5   | 8    | 0      | 36     | 0.3       | 1.3     | 0.97  | 90        | 62.6621 | 51.5717 |
| 2009 | 6     | 5   | 8    | 10     | 36     | 0.3       | 1.3     | 1     | 88.7      | 62.6621 | 52.5066 |
| 2009 | 6     | 5   | 8    | 20     | 36     | 0.3       | 1.3     | 0.99  | 90.8      | 62.8196 | 52.2592 |
| 2009 | 6     | 5   | 8    | 30     | 36     | 0.3       | 1.3     | 0.95  | 91.6      | 62.8196 | 50.9715 |
| 2009 | 6     | 5   | 8    | 40     | 36     | 0.3       | 1.3     | 0.97  | 93.3      | 62.8196 | 51.5568 |
| 2009 | 6     | 5   | 8    | 50     | 36     | 0.3       | 1.3     | 0.95  | 92.4      | 62.8196 | 50.7374 |
| 2009 | 6     | 5   | 9    | 0      | 36     | 0.3       | 1.3     | 0.96  | 88.4      | 62.8196 | 51.3227 |
| 2009 | 6     | 5   | 9    | 10     | 36     | 0.3       | 1.3     | 0.97  | 88.4      | 62.8196 | 51.5568 |
| 2009 | 6     | 5   | 9    | 20     | 36     | 0.3       | 1.3     | 0.93  | 89.4      | 62.8196 | 50.1521 |
| 2009 | 6     | 5   | 9    | 30     | 36     | 0.3       | 1.3     | 0.88  | 92.1      | 62.8196 | 48.5133 |
| 2009 | 6     | 5   | 9    | 40     | 36     | 0.3       | 1.3     | 0.92  | 88.8      | 62.9771 | 50.0171 |
| 2009 | 6     | 5   | 9    | 50     | 36     | 0.3       | 1.3     | 0.91  | 90.2      | 62.9771 | 49.4308 |
| 2009 | 6     | 5   | 10   | 0      | 36     | 0.3       | 1.3     | 0.94  | 92.6      | 62.9771 | 50.7207 |
| 2009 | 6     | 5   | 10   | 10     | 36     | 0.3       | 1.3     | 0.91  | 91.4      | 62.9771 | 49.5481 |
| 2009 | 6     | 5   | 10   | 20     | 36     | 0.3       | 1.3     | 0.93  | 90.8      | 62.9771 | 50.3689 |
| 2009 | 6     | 5   | 10   | 30     | 36     | 0.3       | 1.3     | 0.95  | 89        | 62.9771 | 51.0725 |
| 2009 | 6     | 5   | 10   | 40     | 36     | 0.3       | 1.3     | 0.92  | 90.8      | 62.9771 | 50.0171 |
| 2009 | 6     | 5   | 10   | 50     | 36     | 0.3       | 1.3     | 0.88  | 91.3      | 62.9771 | 48.4927 |
| 2009 | 6     | 5   | 11   | 0      | 36     | 0.3       | 1.3     | 0.92  | 91.8      | 62.9771 | 50.0171 |
| 2009 | 6     | 5   | 11   | 10     | 36     | 0.3       | 1.3     | 0.97  | 89.6      | 62.9771 | 51.776  |
| 2009 | 6     | 5   | 11   | 20     | 36     | 0.3       | 1.3     | 0.95  | 93.2      | 62.9771 | 51.0725 |
| 2009 | 6     | 5   | 11   | 30     | 36     | 0.3       | 1.3     | 0.95  | 89        | 63.1348 | 51.0559 |
| 2009 | 6     | 5   | 11   | 40     | 36     | 0.3       | 1.3     | 0.96  | 89.4      | 63.1348 | 51.6432 |
| 2009 | 6     | 5   | 11   | 50     | 36     | 0.3       | 1.3     | 0.96  | 88.2      | 63.1348 | 51.5257 |
| 2009 | 6     | 5   | 12   | 0      | 36     | 0.3       | 1.3     | 0.96  | 92.4      | 62.9771 | 51.1897 |
| 2009 | 6     | 5   | 12   | 10     | 36     | 0.3       | 1.3     | 0.9   | 90.6      | 62.9771 | 49.1963 |
| 2009 | 6     | 5   | 12   | 20     | 36     | 0.3       | 1.3     | 1     | 90        | 63.1348 | 53.0527 |
| 2009 | 6     | 5   | 12   | 30     | 36     | 0.3       | 1.3     | 1.02  | 88.9      | 63.1348 | 53.7575 |
| 2009 | 6     | 5   | 12   | 40     | 36     | 0.3       | 1.3     | 0.95  | 89.2      | 63.1348 | 51.0559 |
| 2009 | 6     | 5   | 12   | 50     | 36     | 0.3       | 1.3     | 0.98  | 91.3      | 63.1348 | 52.113  |
| 2009 | 6     | 5   | 13   | 0      | 36     | 0.3       | 1.3     | 0.89  | 92.8      | 63.1348 | 48.8241 |
| 2009 | 6     | 5   | 13   | 10     | 36     | 0.3       | 1.3     | 0.94  | 90.8      | 63.1348 | 50.8209 |
| 2009 | 6     | 5   | 13   | 20     | 36     | 0.3       | 1.3     | 0.93  | 91        | 63.1348 | 50.2336 |
| 2009 | 6     | 5   | 13   | 30     | 36     | 0.3       | 1.3     | 0.9   | 89.4      | 63.1348 | 49.1765 |
| 2009 | 6     | 5   | 13   | 40     | 36     | 0.3       | 1.3     | 0.98  | 88.3      | 63.1348 | 52.2305 |
| 2009 | 6     | 5   | 13   | 50     | 36     | 0.3       | 1.3     | 0.92  | 89.6      | 63.1348 | 50.1162 |
| 2009 | 6     | 5   | 14   | 0      | 36     | 0.3       | 1.3     | 0.93  | 89        | 63.1348 | 50.2336 |
| 2009 | 6     | 5   | 14   | 10     | 36     | 0.3       | 1.3     | 0.93  | 89.2      | 62.9771 | 50.2516 |
| 2009 | 6     | 5   | 14   | 20     | 36     | 0.3       | 1.3     | 0.88  | 91.5      | 63.1348 | 48.7066 |
| 2009 | 6     | 5   | 14   | 30     | 36     | 0.3       | 1.3     | 0.95  | 90.4      | 62.9771 | 51.1897 |
| 2009 | 6     | 5   | 14   | 40     | 36     | 0.3       | 1.3     | 0.95  | 88.8      | 62.9771 | 51.0725 |
| 2009 | 6     | 5   | 14   | 50     | 36     | 0.3       | 1.3     | 0.94  | 90        | 62.9771 | 50.6034 |
| 2009 | 6     | 5   | 15   | 0      | 36     | 0.3       | 1.3     | 0.93  | 90.8      | 62.9771 | 50.2516 |
| 2009 | 6     | 5   | 15   | 10     | 36     | 0.3       | 1.3     | 0.95  | 89.4      | 62.9771 | 51.1897 |
| 2009 | 6     | 5   | 15   | 20     | 36     | 0.3       | 1.3     | 0.94  | 89.2      | 62.8196 | 50.7374 |
| 2009 | 6     | 5   | 15   | 30     | 36     | 0.3       | 1.3     | 0.98  | 89.8      | 62.8196 | 51.908  |
| 2009 | 6     | 5   | 15   | 40     | 36     | 0.3       | 1.3     | 0.89  | 87.3      | 62.9771 | 48.8445 |
| 2009 | 6     | 5   | 15   | 50     | 36     | 0.3       | 1.3     | 0.95  | 88.8      | 62.8196 | 51.0886 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 5   | 16   | 0      | 36     | 0.3       | 1.3     | 0.99  | 92.1      | 62.8196 | 52.2592 |
| 2009 | 6     | 5   | 16   | 10     | 36     | 0.3       | 1.3     | 0.92  | 87.6      | 62.8196 | 49.918  |
| 2009 | 6     | 5   | 16   | 20     | 36     | 0.3       | 1.3     | 0.89  | 92.3      | 62.6621 | 48.6502 |
| 2009 | 6     | 5   | 16   | 30     | 36     | 0.3       | 1.3     | 0.93  | 88.6      | 62.8196 | 50.035  |
| 2009 | 6     | 5   | 16   | 40     | 36     | 0.3       | 1.3     | 0.85  | 94        | 62.6621 | 47.131  |
| 2009 | 6     | 5   | 16   | 50     | 36     | 0.3       | 1.3     | 0.97  | 87.7      | 62.6621 | 51.4548 |
| 2009 | 6     | 5   | 17   | 0      | 36     | 0.3       | 1.3     | 1.02  | 92.4      | 62.5047 | 53.2193 |
| 2009 | 6     | 5   | 17   | 10     | 36     | 0.3       | 1.3     | 0.91  | 90.2      | 62.5047 | 49.1363 |
| 2009 | 6     | 5   | 17   | 20     | 36     | 0.3       | 1.3     | 0.95  | 91        | 62.5047 | 50.6528 |
| 2009 | 6     | 5   | 17   | 30     | 36     | 0.3       | 1.3     | 0.93  | 88        | 62.5047 | 49.8362 |
| 2009 | 6     | 5   | 17   | 40     | 36     | 0.3       | 1.3     | 0.99  | 90.4      | 62.3474 | 52.0659 |
| 2009 | 6     | 5   | 17   | 50     | 36     | 0.3       | 1.3     | 0.96  | 85.1      | 62.5047 | 51.1195 |
| 2009 | 6     | 5   | 18   | 0      | 36     | 0.3       | 1.3     | 1     | 90        | 62.3474 | 52.4152 |
| 2009 | 6     | 5   | 18   | 10     | 36     | 0.3       | 1.3     | 0.92  | 87.8      | 62.5047 | 49.7196 |
| 2009 | 6     | 5   | 18   | 20     | 36     | 0.3       | 1.3     | 0.94  | 93        | 62.6621 | 50.4031 |
| 2009 | 6     | 5   | 18   | 30     | 36     | 0.3       | 1.3     | 0.96  | 90.4      | 62.6621 | 51.2211 |
| 2009 | 6     | 5   | 18   | 40     | 36     | 0.3       | 1.3     | 0.95  | 89        | 62.6621 | 50.8705 |
| 2009 | 6     | 5   | 18   | 50     | 36     | 0.3       | 1.3     | 0.9   | 89.8      | 62.6621 | 49.0008 |
| 2009 | 6     | 5   | 19   | 0      | 36     | 0.3       | 1.3     | 0.94  | 87.4      | 62.6621 | 50.52   |
| 2009 | 6     | 5   | 19   | 10     | 36     | 0.3       | 1.3     | 0.91  | 90        | 62.6621 | 49.3514 |
| 2009 | 6     | 5   | 19   | 20     | 36     | 0.3       | 1.3     | 0.93  | 90.6      | 62.8196 | 50.2692 |
| 2009 | 6     | 5   | 19   | 30     | 36     | 0.3       | 1.3     | 0.95  | 94.6      | 62.8196 | 50.8545 |
| 2009 | 6     | 5   | 19   | 40     | 36     | 0.3       | 1.3     | 0.96  | 88.8      | 62.8196 | 51.3227 |
| 2009 | 6     | 5   | 19   | 50     | 36     | 0.3       | 1.3     | 0.99  | 89.4      | 62.8196 | 52.2592 |
| 2009 | 6     | 5   | 20   | 0      | 36     | 0.3       | 1.3     | 0.94  | 90        | 62.8196 | 50.7374 |
| 2009 | 6     | 5   | 20   | 10     | 36     | 0.3       | 1.3     | 0.91  | 93.3      | 62.8196 | 49.4497 |
| 2009 | 6     | 5   | 20   | 20     | 36     | 0.3       | 1.3     | 0.91  | 90.4      | 62.8196 | 49.5668 |
| 2009 | 6     | 5   | 20   | 30     | 36     | 0.3       | 1.3     | 0.92  | 92.5      | 62.9771 | 49.7826 |
| 2009 | 6     | 5   | 20   | 40     | 36     | 0.3       | 1.3     | 0.95  | 91.6      | 62.9771 | 51.0725 |
| 2009 | 6     | 5   | 20   | 50     | 36     | 0.3       | 1.3     | 1     | 90        | 62.9771 | 52.7141 |
| 2009 | 6     | 5   | 21   | 0      | 36     | 0.3       | 1.3     | 1     | 93.2      | 62.9771 | 52.8314 |
| 2009 | 6     | 5   | 21   | 10     | 36     | 0.3       | 1.3     | 0.93  | 90.8      | 62.9771 | 50.1344 |
| 2009 | 6     | 5   | 21   | 20     | 36     | 0.3       | 1.3     | 0.95  | 88        | 62.9771 | 51.0725 |
| 2009 | 6     | 5   | 21   | 30     | 36     | 0.3       | 1.3     | 1.01  | 90.9      | 62.9771 | 53.0659 |
| 2009 | 6     | 5   | 21   | 40     | 36     | 0.3       | 1.3     | 0.94  | 89.2      | 62.9771 | 50.6034 |
| 2009 | 6     | 5   | 21   | 50     | 36     | 0.3       | 1.3     | 0.97  | 92.9      | 62.9771 | 51.5415 |
| 2009 | 6     | 5   | 22   | 0      | 36     | 0.3       | 1.3     | 0.98  | 90.8      | 62.9771 | 52.2451 |
| 2009 | 6     | 5   | 22   | 10     | 36     | 0.3       | 1.3     | 0.93  | 90        | 62.9771 | 50.3689 |
| 2009 | 6     | 5   | 22   | 20     | 36     | 0.3       | 1.3     | 0.93  | 88        | 62.9771 | 50.3689 |
| 2009 | 6     | 5   | 22   | 30     | 36     | 0.3       | 1.3     | 0.92  | 92.7      | 62.9771 | 49.8998 |
| 2009 | 6     | 5   | 22   | 40     | 36     | 0.3       | 1.3     | 0.91  | 90.8      | 62.9771 | 49.4308 |
| 2009 | 6     | 5   | 22   | 50     | 36     | 0.3       | 1.3     | 0.96  | 91.6      | 63.1348 | 51.6432 |
| 2009 | 6     | 5   | 23   | 0      | 36     | 0.3       | 1.3     | 0.94  | 90.6      | 62.9771 | 50.6034 |
| 2009 | 6     | 5   | 23   | 10     | 36     | 0.3       | 1.3     | 0.96  | 90.2      | 63.1348 | 51.6432 |
| 2009 | 6     | 5   | 23   | 20     | 36     | 0.3       | 1.3     | 0.9   | 89.8      | 63.1348 | 49.1765 |
| 2009 | 6     | 5   | 23   | 30     | 36     | 0.3       | 1.3     | 0.92  | 90        | 63.1348 | 50.1162 |
| 2009 | 6     | 5   | 23   | 40     | 36     | 0.3       | 1.3     | 0.95  | 88.2      | 63.1348 | 51.0559 |
| 2009 | 6     | 5   | 23   | 50     | 36     | 0.3       | 1.3     | 0.95  | 91.6      | 63.1348 | 51.0559 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 6   | 0    | 0      | 36     | 0.3       | 1.3     | 0.95  | 92.6      | 63.1348 | 51.0559 |
| 2009 | 6     | 6   | 0    | 10     | 36     | 0.3       | 1.3     | 1.02  | 90.7      | 63.1348 | 53.7575 |
| 2009 | 6     | 6   | 0    | 20     | 36     | 0.3       | 1.3     | 0.93  | 90.6      | 63.2926 | 50.5682 |
| 2009 | 6     | 6   | 0    | 30     | 36     | 0.3       | 1.3     | 0.99  | 91.5      | 63.2926 | 52.6861 |
| 2009 | 6     | 6   | 0    | 40     | 36     | 0.3       | 1.3     | 0.93  | 90.8      | 63.2926 | 50.3328 |
| 2009 | 6     | 6   | 0    | 50     | 36     | 0.3       | 1.3     | 0.99  | 94.2      | 63.2926 | 52.4508 |
| 2009 | 6     | 6   | 1    | 0      | 36     | 0.3       | 1.3     | 1.01  | 90        | 63.4504 | 53.3785 |
| 2009 | 6     | 6   | 1    | 10     | 36     | 0.3       | 1.3     | 0.98  | 93.3      | 63.4504 | 52.1999 |
| 2009 | 6     | 6   | 1    | 20     | 36     | 0.3       | 1.3     | 0.98  | 89        | 63.4504 | 52.3178 |
| 2009 | 6     | 6   | 1    | 30     | 36     | 0.3       | 1.3     | 1     | 90.2      | 63.6084 | 53.1284 |
| 2009 | 6     | 6   | 1    | 40     | 36     | 0.3       | 1.3     | 0.9   | 93.6      | 63.6084 | 49.5866 |
| 2009 | 6     | 6   | 1    | 50     | 36     | 0.3       | 1.3     | 0.95  | 95        | 63.7664 | 51.3396 |
| 2009 | 6     | 6   | 2    | 0      | 36     | 0.3       | 1.3     | 0.99  | 88.1      | 63.7664 | 53.1136 |
| 2009 | 6     | 6   | 2    | 10     | 36     | 0.3       | 1.3     | 0.97  | 90.2      | 63.9245 | 52.3875 |
| 2009 | 6     | 6   | 2    | 20     | 36     | 0.3       | 1.3     | 0.97  | 94.3      | 64.0827 | 52.2518 |
| 2009 | 6     | 6   | 2    | 30     | 36     | 0.3       | 1.3     | 0.98  | 90        | 64.241  | 52.8285 |
| 2009 | 6     | 6   | 2    | 40     | 36     | 0.3       | 1.3     | 1.01  | 91.5      | 64.241  | 53.8982 |
| 2009 | 6     | 6   | 2    | 50     | 36     | 0.3       | 1.3     | 0.96  | 91.6      | 64.3994 | 52.4542 |
| 2009 | 6     | 6   | 3    | 0      | 36     | 0.3       | 1.3     | 0.99  | 90.6      | 64.3994 | 53.4067 |
| 2009 | 6     | 6   | 3    | 10     | 36     | 0.3       | 1.3     | 0.97  | 89.2      | 64.3994 | 52.8114 |
| 2009 | 6     | 6   | 3    | 20     | 36     | 0.3       | 1.3     | 0.92  | 92.3      | 64.5579 | 50.7665 |
| 2009 | 6     | 6   | 3    | 30     | 36     | 0.3       | 1.3     | 0.97  | 89.4      | 64.5579 | 52.6746 |
| 2009 | 6     | 6   | 3    | 40     | 36     | 0.3       | 1.3     | 1.01  | 90.6      | 64.5579 | 54.2248 |
| 2009 | 6     | 6   | 3    | 50     | 36     | 0.3       | 1.3     | 0.96  | 90.6      | 64.5579 | 52.5553 |
| 2009 | 6     | 6   | 4    | 0      | 36     | 0.3       | 1.3     | 0.95  | 86.1      | 64.5579 | 52.0783 |
| 2009 | 6     | 6   | 4    | 10     | 36     | 0.3       | 1.3     | 0.94  | 86.4      | 64.7165 | 51.7007 |
| 2009 | 6     | 6   | 4    | 20     | 36     | 0.3       | 1.3     | 0.98  | 91.3      | 64.7165 | 53.1341 |
| 2009 | 6     | 6   | 4    | 30     | 36     | 0.3       | 1.3     | 0.99  | 89.2      | 64.7165 | 53.6119 |
| 2009 | 6     | 6   | 4    | 40     | 36     | 0.3       | 1.3     | 1     | 90.2      | 64.7165 | 53.8508 |
| 2009 | 6     | 6   | 4    | 50     | 36     | 0.3       | 1.3     | 0.97  | 87.7      | 64.7165 | 52.7758 |
| 2009 | 6     | 6   | 5    | 0      | 36     | 0.3       | 1.3     | 0.99  | 89.8      | 64.7165 | 53.6119 |
| 2009 | 6     | 6   | 5    | 10     | 36     | 0.3       | 1.3     | 0.94  | 89.4      | 64.8751 | 51.8001 |
| 2009 | 6     | 6   | 5    | 20     | 36     | 0.3       | 1.3     | 0.95  | 91.6      | 64.8751 | 52.1591 |
| 2009 | 6     | 6   | 5    | 30     | 36     | 0.3       | 1.3     | 0.94  | 90.8      | 64.8751 | 52.0394 |
| 2009 | 6     | 6   | 5    | 40     | 36     | 0.3       | 1.3     | 1.05  | 90.7      | 64.8751 | 55.8681 |
| 2009 | 6     | 6   | 5    | 50     | 36     | 0.3       | 1.3     | 0.95  | 91.8      | 64.8751 | 52.1591 |
| 2009 | 6     | 6   | 6    | 0      | 36     | 0.3       | 1.3     | 0.91  | 89.2      | 64.8751 | 50.7233 |
| 2009 | 6     | 6   | 6    | 10     | 36     | 0.3       | 1.3     | 0.92  | 90        | 64.8751 | 51.0822 |
| 2009 | 6     | 6   | 6    | 20     | 36     | 0.3       | 1.3     | 1     | 93.4      | 65.0339 | 54.0566 |
| 2009 | 6     | 6   | 6    | 30     | 36     | 0.3       | 1.3     | 0.93  | 88.4      | 65.0339 | 51.6598 |
| 2009 | 6     | 6   | 6    | 40     | 36     | 0.3       | 1.3     | 0.92  | 90        | 65.0339 | 51.3002 |
| 2009 | 6     | 6   | 6    | 50     | 36     | 0.3       | 1.3     | 0.96  | 88.4      | 65.0339 | 52.8582 |
| 2009 | 6     | 6   | 7    | 0      | 36     | 0.3       | 1.3     | 0.92  | 89.4      | 65.0339 | 51.3002 |
| 2009 | 6     | 6   | 7    | 10     | 36     | 0.3       | 1.3     | 0.91  | 93.7      | 65.1927 | 50.9183 |
| 2009 | 6     | 6   | 7    | 20     | 36     | 0.3       | 1.3     | 0.98  | 89.4      | 65.3516 | 53.661  |
| 2009 | 6     | 6   | 7    | 30     | 36     | 0.3       | 1.3     | 1.01  | 91.5      | 65.1927 | 54.6396 |
| 2009 | 6     | 6   | 7    | 40     | 36     | 0.3       | 1.3     | 0.95  | 89.8      | 65.3516 | 52.4586 |
| 2009 | 6     | 6   | 7    | 50     | 36     | 0.3       | 1.3     | 1.02  | 91.8      | 65.3516 | 55.2241 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 6   | 8    | 0      | 36     | 0.3       | 1.3     | 0.96  | 87.8      | 65.6697 | 53.0199 |
| 2009 | 6     | 6   | 8    | 10     | 36     | 0.3       | 1.3     | 1.01  | 88.7      | 65.3516 | 54.7431 |
| 2009 | 6     | 6   | 8    | 20     | 36     | 0.3       | 1.3     | 1.01  | 90        | 65.5106 | 54.8466 |
| 2009 | 6     | 6   | 8    | 30     | 36     | 0.3       | 1.3     | 0.99  | 86.8      | 65.6697 | 54.1055 |
| 2009 | 6     | 6   | 8    | 40     | 36     | 0.3       | 1.3     | 0.95  | 92.8      | 65.6697 | 52.7786 |
| 2009 | 6     | 6   | 8    | 50     | 36     | 0.3       | 1.3     | 1.01  | 91.9      | 65.9882 | 55.1565 |
| 2009 | 6     | 6   | 9    | 0      | 36     | 0.3       | 1.3     | 1.01  | 88.7      | 65.9882 | 55.1565 |
| 2009 | 6     | 6   | 9    | 10     | 36     | 0.3       | 1.3     | 1.04  | 88.4      | 65.9882 | 56.2457 |
| 2009 | 6     | 6   | 9    | 20     | 36     | 0.3       | 1.3     | 0.94  | 91.8      | 66.1476 | 52.7142 |
| 2009 | 6     | 6   | 9    | 30     | 36     | 0.3       | 1.3     | 0.94  | 91.2      | 66.1476 | 52.593  |
| 2009 | 6     | 6   | 9    | 40     | 36     | 0.3       | 1.3     | 0.93  | 93.4      | 66.1476 | 52.2293 |
| 2009 | 6     | 6   | 9    | 50     | 36     | 0.3       | 1.3     | 0.97  | 89.2      | 66.1476 | 53.8051 |
| 2009 | 6     | 6   | 10   | 0      | 36     | 0.3       | 1.3     | 0.95  | 89        | 66.3071 | 53.2988 |
| 2009 | 6     | 6   | 10   | 10     | 36     | 0.3       | 1.3     | 0.95  | 91.4      | 66.3071 | 52.9346 |
| 2009 | 6     | 6   | 10   | 20     | 36     | 0.3       | 1.3     | 0.96  | 91.4      | 66.1476 | 53.199  |
| 2009 | 6     | 6   | 10   | 30     | 36     | 0.3       | 1.3     | 0.93  | 91.8      | 66.3071 | 52.3275 |
| 2009 | 6     | 6   | 10   | 40     | 36     | 0.3       | 1.3     | 0.98  | 88.9      | 66.3071 | 54.2701 |
| 2009 | 6     | 6   | 10   | 50     | 36     | 0.3       | 1.3     | 1.04  | 87.5      | 66.4666 | 56.5602 |
| 2009 | 6     | 6   | 11   | 0      | 36     | 0.3       | 1.3     | 0.98  | 90        | 66.3071 | 54.3915 |
| 2009 | 6     | 6   | 11   | 10     | 36     | 0.3       | 1.3     | 0.95  | 92.6      | 66.3071 | 52.9346 |
| 2009 | 6     | 6   | 11   | 20     | 36     | 0.3       | 1.3     | 1     | 94.3      | 66.4666 | 55.101  |
| 2009 | 6     | 6   | 11   | 30     | 36     | 0.3       | 1.3     | 0.95  | 92.6      | 66.1476 | 52.8354 |
| 2009 | 6     | 6   | 11   | 40     | 36     | 0.3       | 1.3     | 0.94  | 90.6      | 66.3071 | 52.6918 |
| 2009 | 6     | 6   | 11   | 50     | 36     | 0.3       | 1.3     | 0.98  | 90.6      | 66.4666 | 54.3713 |
| 2009 | 6     | 6   | 12   | 0      | 36     | 0.3       | 1.3     | 1.04  | 93.1      | 66.4666 | 56.5602 |
| 2009 | 6     | 6   | 12   | 10     | 36     | 0.3       | 1.3     | 0.98  | 93.3      | 66.6263 | 54.229  |
| 2009 | 6     | 6   | 12   | 20     | 36     | 0.3       | 1.3     | 1.02  | 92.8      | 66.4666 | 55.9522 |
| 2009 | 6     | 6   | 12   | 30     | 36     | 0.3       | 1.3     | 0.98  | 89.2      | 66.6263 | 54.3508 |
| 2009 | 6     | 6   | 12   | 40     | 36     | 0.3       | 1.3     | 1.01  | 89.3      | 66.6263 | 55.5687 |
| 2009 | 6     | 6   | 12   | 50     | 36     | 0.3       | 1.3     | 0.98  | 95        | 66.6263 | 54.3508 |
| 2009 | 6     | 6   | 13   | 0      | 36     | 0.3       | 1.3     | 0.9   | 87.3      | 66.6263 | 51.4277 |
| 2009 | 6     | 6   | 13   | 10     | 36     | 0.3       | 1.3     | 0.94  | 90        | 66.6263 | 52.7674 |
| 2009 | 6     | 6   | 13   | 20     | 36     | 0.3       | 1.3     | 0.98  | 89.8      | 66.6263 | 54.4726 |
| 2009 | 6     | 6   | 13   | 30     | 36     | 0.3       | 1.3     | 0.95  | 92.8      | 66.6263 | 53.2546 |
| 2009 | 6     | 6   | 13   | 40     | 36     | 0.3       | 1.3     | 1.01  | 90        | 66.6263 | 55.5687 |
| 2009 | 6     | 6   | 13   | 50     | 36     | 0.3       | 1.3     | 0.92  | 86.7      | 66.6263 | 52.2802 |
| 2009 | 6     | 6   | 14   | 0      | 36     | 0.3       | 1.3     | 1.05  | 91.6      | 66.6263 | 57.1521 |
| 2009 | 6     | 6   | 14   | 10     | 36     | 0.3       | 1.3     | 1     | 89.1      | 66.6263 | 55.2033 |
| 2009 | 6     | 6   | 14   | 20     | 36     | 0.3       | 1.3     | 0.96  | 90        | 66.6263 | 53.62   |
| 2009 | 6     | 6   | 14   | 30     | 36     | 0.3       | 1.3     | 1     | 88.5      | 66.6263 | 55.3251 |
| 2009 | 6     | 6   | 14   | 40     | 36     | 0.3       | 1.3     | 0.99  | 90        | 66.6263 | 54.838  |
| 2009 | 6     | 6   | 14   | 50     | 36     | 0.3       | 1.3     | 0.95  | 88.2      | 66.6263 | 53.1328 |
| 2009 | 6     | 6   | 15   | 0      | 36     | 0.3       | 1.3     | 1     | 86.6      | 66.6263 | 54.9598 |
| 2009 | 6     | 6   | 15   | 10     | 36     | 0.3       | 1.3     | 0.94  | 92.8      | 66.3071 | 52.5704 |
| 2009 | 6     | 6   | 15   | 20     | 36     | 0.3       | 1.3     | 0.99  | 91.3      | 66.4666 | 54.7362 |
| 2009 | 6     | 6   | 15   | 30     | 36     | 0.3       | 1.3     | 0.99  | 90        | 66.4666 | 54.6146 |
| 2009 | 6     | 6   | 15   | 40     | 36     | 0.3       | 1.3     | 0.92  | 90.2      | 66.4666 | 52.0609 |
| 2009 | 6     | 6   | 15   | 50     | 36     | 0.3       | 1.3     | 0.97  | 87.3      | 66.3071 | 53.663  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 6   | 16   | 0      | 36     | 0.3       | 1.3     | 0.9   | 89.4      | 66.3071 | 51.2349 |
| 2009 | 6     | 6   | 16   | 10     | 36     | 0.3       | 1.3     | 0.99  | 90.2      | 66.4666 | 54.7362 |
| 2009 | 6     | 6   | 16   | 20     | 36     | 0.3       | 1.3     | 0.99  | 90        | 66.4666 | 54.7362 |
| 2009 | 6     | 6   | 16   | 30     | 36     | 0.3       | 1.3     | 0.93  | 87.6      | 66.3071 | 52.3275 |
| 2009 | 6     | 6   | 16   | 40     | 36     | 0.3       | 1.3     | 0.99  | 87.3      | 66.3071 | 54.6343 |
| 2009 | 6     | 6   | 16   | 50     | 36     | 0.3       | 1.3     | 0.98  | 92.5      | 66.3071 | 54.0273 |
| 2009 | 6     | 6   | 17   | 0      | 36     | 0.3       | 1.3     | 1.01  | 86.8      | 66.4666 | 55.4658 |
| 2009 | 6     | 6   | 17   | 10     | 36     | 0.3       | 1.3     | 1     | 91.7      | 66.4666 | 55.2226 |
| 2009 | 6     | 6   | 17   | 20     | 36     | 0.3       | 1.3     | 0.94  | 90        | 66.3071 | 52.5704 |
| 2009 | 6     | 6   | 17   | 30     | 36     | 0.3       | 1.3     | 1.02  | 88.3      | 66.3071 | 55.6056 |
| 2009 | 6     | 6   | 17   | 40     | 36     | 0.3       | 1.3     | 0.95  | 89.8      | 66.3071 | 53.1774 |
| 2009 | 6     | 6   | 17   | 50     | 36     | 0.3       | 1.3     | 0.97  | 91        | 66.1476 | 53.8051 |
| 2009 | 6     | 6   | 18   | 0      | 36     | 0.3       | 1.3     | 0.95  | 88.8      | 66.1476 | 53.0778 |
| 2009 | 6     | 6   | 18   | 10     | 36     | 0.3       | 1.3     | 0.93  | 87.4      | 66.3071 | 52.2061 |
| 2009 | 6     | 6   | 18   | 20     | 36     | 0.3       | 1.3     | 0.88  | 89.1      | 66.1476 | 50.4111 |
| 2009 | 6     | 6   | 18   | 30     | 36     | 0.3       | 1.3     | 1.01  | 88.5      | 66.1476 | 55.1384 |
| 2009 | 6     | 6   | 18   | 40     | 36     | 0.3       | 1.3     | 0.95  | 89.2      | 66.1476 | 53.199  |
| 2009 | 6     | 6   | 18   | 50     | 36     | 0.3       | 1.3     | 0.94  | 90        | 65.9882 | 52.6151 |
| 2009 | 6     | 6   | 19   | 0      | 36     | 0.3       | 1.3     | 1     | 86.8      | 66.1476 | 54.896  |
| 2009 | 6     | 6   | 19   | 10     | 36     | 0.3       | 1.3     | 0.97  | 88.1      | 66.1476 | 53.5627 |
| 2009 | 6     | 6   | 19   | 20     | 36     | 0.3       | 1.3     | 0.95  | 91        | 66.1476 | 53.199  |
| 2009 | 6     | 6   | 19   | 30     | 36     | 0.3       | 1.3     | 1.04  | 89.8      | 65.9882 | 56.3667 |
| 2009 | 6     | 6   | 19   | 40     | 36     | 0.3       | 1.3     | 0.9   | 91.9      | 65.9882 | 51.1629 |
| 2009 | 6     | 6   | 19   | 50     | 36     | 0.3       | 1.3     | 0.95  | 90.2      | 65.8289 | 52.9992 |
| 2009 | 6     | 6   | 20   | 0      | 36     | 0.3       | 1.3     | 1.01  | 90.2      | 65.6697 | 54.9499 |
| 2009 | 6     | 6   | 20   | 10     | 36     | 0.3       | 1.3     | 0.91  | 87.5      | 65.6697 | 51.3311 |
| 2009 | 6     | 6   | 20   | 20     | 36     | 0.3       | 1.3     | 0.98  | 88.3      | 65.6697 | 53.8643 |
| 2009 | 6     | 6   | 20   | 30     | 36     | 0.3       | 1.3     | 0.96  | 89        | 65.6697 | 53.2611 |
| 2009 | 6     | 6   | 20   | 40     | 36     | 0.3       | 1.3     | 1.02  | 92.2      | 65.6697 | 55.1912 |
| 2009 | 6     | 6   | 20   | 50     | 36     | 0.3       | 1.3     | 0.97  | 89.4      | 65.6697 | 53.3818 |
| 2009 | 6     | 6   | 21   | 0      | 36     | 0.3       | 1.3     | 0.91  | 90.2      | 65.5106 | 51.1131 |
| 2009 | 6     | 6   | 21   | 10     | 36     | 0.3       | 1.3     | 0.98  | 92.5      | 65.5106 | 53.6422 |
| 2009 | 6     | 6   | 21   | 20     | 36     | 0.3       | 1.3     | 1     | 89.1      | 65.5106 | 54.3648 |
| 2009 | 6     | 6   | 21   | 30     | 36     | 0.3       | 1.3     | 0.95  | 89.6      | 65.3516 | 52.5788 |
| 2009 | 6     | 6   | 21   | 40     | 36     | 0.3       | 1.3     | 0.95  | 87        | 65.3516 | 52.5788 |
| 2009 | 6     | 6   | 21   | 50     | 36     | 0.3       | 1.3     | 0.98  | 92.5      | 65.3516 | 53.661  |
| 2009 | 6     | 6   | 22   | 0      | 36     | 0.3       | 1.3     | 0.98  | 92.1      | 65.3516 | 53.661  |
| 2009 | 6     | 6   | 22   | 10     | 36     | 0.3       | 1.3     | 0.92  | 91.8      | 65.1927 | 51.3985 |
| 2009 | 6     | 6   | 22   | 20     | 36     | 0.3       | 1.3     | 0.93  | 91.4      | 65.3516 | 51.8574 |
| 2009 | 6     | 6   | 22   | 30     | 36     | 0.3       | 1.3     | 0.97  | 87.9      | 65.1927 | 52.959  |
| 2009 | 6     | 6   | 22   | 40     | 36     | 0.3       | 1.3     | 1.01  | 90.2      | 65.1927 | 54.6396 |
| 2009 | 6     | 6   | 22   | 50     | 36     | 0.3       | 1.3     | 0.99  | 90.9      | 65.1927 | 53.9194 |
| 2009 | 6     | 6   | 23   | 0      | 36     | 0.3       | 1.3     | 0.98  | 89.2      | 65.1927 | 53.4392 |
| 2009 | 6     | 6   | 23   | 10     | 36     | 0.3       | 1.3     | 0.95  | 91        | 65.1927 | 52.5989 |
| 2009 | 6     | 6   | 23   | 20     | 36     | 0.3       | 1.3     | 0.97  | 88.5      | 65.0339 | 53.2177 |
| 2009 | 6     | 6   | 23   | 30     | 36     | 0.3       | 1.3     | 0.96  | 89.2      | 65.0339 | 52.7384 |
| 2009 | 6     | 6   | 23   | 40     | 36     | 0.3       | 1.3     | 0.95  | 92.6      | 65.0339 | 52.259  |
| 2009 | 6     | 6   | 23   | 50     | 36     | 0.3       | 1.3     | 0.99  | 89.6      | 65.0339 | 53.9368 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 7   | 0    | 0      | 36     | 0.3       | 1.3     | 1.01  | 91.9      | 65.0339 | 54.4162 |
| 2009 | 6     | 7   | 0    | 10     | 36     | 0.3       | 1.3     | 1.04  | 90.9      | 65.0339 | 55.4948 |
| 2009 | 6     | 7   | 0    | 20     | 36     | 0.3       | 1.3     | 0.98  | 91.7      | 65.0339 | 53.5773 |
| 2009 | 6     | 7   | 0    | 30     | 36     | 0.3       | 1.3     | 0.98  | 90        | 65.0339 | 53.5773 |
| 2009 | 6     | 7   | 0    | 40     | 36     | 0.3       | 1.3     | 0.96  | 91        | 64.8751 | 52.6377 |
| 2009 | 6     | 7   | 0    | 50     | 36     | 0.3       | 1.3     | 0.96  | 88.2      | 64.8751 | 52.518  |
| 2009 | 6     | 7   | 1    | 0      | 36     | 0.3       | 1.3     | 1.03  | 93.5      | 64.8751 | 54.911  |
| 2009 | 6     | 7   | 1    | 10     | 36     | 0.3       | 1.3     | 0.93  | 90.4      | 64.8751 | 51.3215 |
| 2009 | 6     | 7   | 1    | 20     | 36     | 0.3       | 1.3     | 0.95  | 88.8      | 64.8751 | 52.1591 |
| 2009 | 6     | 7   | 1    | 30     | 36     | 0.3       | 1.3     | 0.97  | 89.4      | 64.8751 | 52.9966 |
| 2009 | 6     | 7   | 1    | 40     | 36     | 0.3       | 1.3     | 0.97  | 88.6      | 64.7165 | 52.8952 |
| 2009 | 6     | 7   | 1    | 50     | 36     | 0.3       | 1.3     | 0.96  | 91        | 64.7165 | 52.5369 |
| 2009 | 6     | 7   | 2    | 0      | 36     | 0.3       | 1.3     | 0.96  | 90.8      | 64.7165 | 52.6563 |
| 2009 | 6     | 7   | 2    | 10     | 36     | 0.3       | 1.3     | 1     | 90        | 64.7165 | 53.9703 |
| 2009 | 6     | 7   | 2    | 20     | 36     | 0.3       | 1.3     | 1.01  | 92.4      | 64.7165 | 54.3286 |
| 2009 | 6     | 7   | 2    | 30     | 36     | 0.3       | 1.3     | 0.97  | 90.2      | 64.7165 | 53.0147 |
| 2009 | 6     | 7   | 2    | 40     | 36     | 0.3       | 1.3     | 0.94  | 91.8      | 64.5579 | 51.7205 |
| 2009 | 6     | 7   | 2    | 50     | 36     | 0.3       | 1.3     | 0.95  | 90        | 64.5579 | 52.0783 |
| 2009 | 6     | 7   | 3    | 0      | 36     | 0.3       | 1.3     | 1.02  | 88.7      | 64.5579 | 54.5826 |
| 2009 | 6     | 7   | 3    | 10     | 36     | 0.3       | 1.3     | 0.99  | 90        | 64.5579 | 53.3901 |
| 2009 | 6     | 7   | 3    | 20     | 36     | 0.3       | 1.3     | 0.94  | 88.2      | 64.5579 | 51.6013 |
| 2009 | 6     | 7   | 3    | 30     | 36     | 0.3       | 1.3     | 0.95  | 90.2      | 64.5579 | 51.959  |
| 2009 | 6     | 7   | 3    | 40     | 36     | 0.3       | 1.3     | 0.95  | 88.8      | 64.3994 | 52.0971 |
| 2009 | 6     | 7   | 3    | 50     | 36     | 0.3       | 1.3     | 0.9   | 91.5      | 64.3994 | 50.1922 |
| 2009 | 6     | 7   | 4    | 0      | 36     | 0.3       | 1.3     | 1.05  | 88.9      | 64.3994 | 55.5497 |
| 2009 | 6     | 7   | 4    | 10     | 36     | 0.3       | 1.3     | 0.98  | 90        | 64.3994 | 53.1686 |
| 2009 | 6     | 7   | 4    | 20     | 36     | 0.3       | 1.3     | 0.93  | 90        | 64.3994 | 51.1446 |
| 2009 | 6     | 7   | 4    | 30     | 36     | 0.3       | 1.3     | 0.99  | 90        | 64.241  | 53.4228 |
| 2009 | 6     | 7   | 4    | 40     | 36     | 0.3       | 1.3     | 0.95  | 91        | 64.241  | 51.9965 |
| 2009 | 6     | 7   | 4    | 50     | 36     | 0.3       | 1.3     | 0.93  | 92.2      | 64.241  | 50.9268 |
| 2009 | 6     | 7   | 5    | 0      | 36     | 0.3       | 1.3     | 0.96  | 91.8      | 64.241  | 52.1154 |
| 2009 | 6     | 7   | 5    | 10     | 36     | 0.3       | 1.3     | 0.86  | 91.7      | 64.241  | 48.6685 |
| 2009 | 6     | 7   | 5    | 20     | 36     | 0.3       | 1.3     | 0.94  | 91.6      | 64.0827 | 51.3026 |
| 2009 | 6     | 7   | 5    | 30     | 36     | 0.3       | 1.3     | 0.95  | 91        | 64.0827 | 51.8959 |
| 2009 | 6     | 7   | 5    | 40     | 36     | 0.3       | 1.3     | 0.97  | 91.4      | 63.9245 | 52.3875 |
| 2009 | 6     | 7   | 5    | 50     | 36     | 0.3       | 1.3     | 0.99  | 91.3      | 63.9245 | 52.9798 |
| 2009 | 6     | 7   | 6    | 0      | 36     | 0.3       | 1.3     | 0.93  | 90.8      | 63.7664 | 50.7483 |
| 2009 | 6     | 7   | 6    | 10     | 36     | 0.3       | 1.3     | 0.96  | 90        | 63.7664 | 51.8127 |
| 2009 | 6     | 7   | 6    | 20     | 36     | 0.3       | 1.3     | 0.92  | 91.6      | 63.7664 | 50.2753 |
| 2009 | 6     | 7   | 6    | 30     | 36     | 0.3       | 1.3     | 0.87  | 88.3      | 63.6084 | 48.6421 |
| 2009 | 6     | 7   | 6    | 40     | 36     | 0.3       | 1.3     | 0.93  | 90.6      | 63.4504 | 50.432  |
| 2009 | 6     | 7   | 6    | 50     | 36     | 0.3       | 1.3     | 0.9   | 91.5      | 63.4504 | 49.3712 |
| 2009 | 6     | 7   | 7    | 0      | 36     | 0.3       | 1.3     | 0.91  | 90        | 63.4504 | 49.9605 |
| 2009 | 6     | 7   | 7    | 10     | 36     | 0.3       | 1.3     | 0.99  | 93.6      | 63.4504 | 52.7892 |
| 2009 | 6     | 7   | 7    | 20     | 36     | 0.3       | 1.3     | 0.97  | 89.8      | 63.4504 | 52.082  |
| 2009 | 6     | 7   | 7    | 30     | 36     | 0.3       | 1.3     | 1.04  | 91.8      | 63.2926 | 54.5687 |
| 2009 | 6     | 7   | 7    | 40     | 36     | 0.3       | 1.3     | 0.99  | 91.3      | 63.2926 | 52.8037 |
| 2009 | 6     | 7   | 7    | 50     | 36     | 0.3       | 1.3     | 0.95  | 91        | 63.2926 | 51.2741 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 7   | 8    | 0      | 36     | 0.3       | 1.3     | 0.97  | 88.5      | 63.2926 | 52.0978 |
| 2009 | 6     | 7   | 8    | 10     | 36     | 0.3       | 1.3     | 0.99  | 90        | 63.2926 | 52.6861 |
| 2009 | 6     | 7   | 8    | 20     | 36     | 0.3       | 1.3     | 0.92  | 90.6      | 63.1348 | 49.8813 |
| 2009 | 6     | 7   | 8    | 30     | 36     | 0.3       | 1.3     | 1     | 93.6      | 63.1348 | 52.9353 |
| 2009 | 6     | 7   | 8    | 40     | 36     | 0.3       | 1.3     | 0.91  | 90.6      | 63.1348 | 49.5289 |
| 2009 | 6     | 7   | 8    | 50     | 36     | 0.3       | 1.3     | 0.94  | 90.2      | 63.1348 | 50.7035 |
| 2009 | 6     | 7   | 9    | 0      | 36     | 0.3       | 1.3     | 0.97  | 91        | 63.1348 | 51.9956 |
| 2009 | 6     | 7   | 9    | 10     | 36     | 0.3       | 1.3     | 0.94  | 89        | 63.1348 | 50.586  |
| 2009 | 6     | 7   | 9    | 20     | 36     | 0.3       | 1.3     | 0.93  | 88        | 63.1348 | 50.2336 |
| 2009 | 6     | 7   | 9    | 30     | 36     | 0.3       | 1.3     | 0.96  | 91.8      | 63.1348 | 51.4083 |
| 2009 | 6     | 7   | 9    | 40     | 36     | 0.3       | 1.3     | 0.98  | 92.1      | 63.1348 | 52.113  |
| 2009 | 6     | 7   | 9    | 50     | 36     | 0.3       | 1.3     | 0.96  | 89        | 63.1348 | 51.6432 |
| 2009 | 6     | 7   | 10   | 0      | 36     | 0.3       | 1.3     | 0.93  | 87.4      | 63.1348 | 50.3511 |
| 2009 | 6     | 7   | 10   | 10     | 36     | 0.3       | 1.3     | 0.91  | 88.1      | 63.1348 | 49.7638 |
| 2009 | 6     | 7   | 10   | 20     | 36     | 0.3       | 1.3     | 0.92  | 90        | 63.1348 | 50.1162 |
| 2009 | 6     | 7   | 10   | 30     | 36     | 0.3       | 1.3     | 0.96  | 88.8      | 63.1348 | 51.4083 |
| 2009 | 6     | 7   | 10   | 40     | 36     | 0.3       | 1.3     | 0.95  | 91        | 62.9771 | 51.1897 |
| 2009 | 6     | 7   | 10   | 50     | 36     | 0.3       | 1.3     | 0.91  | 89.2      | 62.9771 | 49.5481 |
| 2009 | 6     | 7   | 11   | 0      | 36     | 0.3       | 1.3     | 0.97  | 90.8      | 62.9771 | 51.8933 |
| 2009 | 6     | 7   | 11   | 10     | 36     | 0.3       | 1.3     | 0.89  | 93        | 62.9771 | 48.8445 |
| 2009 | 6     | 7   | 11   | 20     | 36     | 0.3       | 1.3     | 0.92  | 87.6      | 62.9771 | 50.0171 |
| 2009 | 6     | 7   | 11   | 30     | 36     | 0.3       | 1.3     | 0.9   | 90        | 62.9771 | 49.3135 |
| 2009 | 6     | 7   | 11   | 40     | 36     | 0.3       | 1.3     | 0.99  | 93.1      | 62.9771 | 52.2451 |
| 2009 | 6     | 7   | 11   | 50     | 36     | 0.3       | 1.3     | 0.9   | 91.7      | 62.8196 | 49.0986 |
| 2009 | 6     | 7   | 12   | 0      | 36     | 0.3       | 1.3     | 0.9   | 90.6      | 62.8196 | 49.0986 |
| 2009 | 6     | 7   | 12   | 10     | 36     | 0.3       | 1.3     | 0.94  | 87.8      | 62.8196 | 50.5033 |
| 2009 | 6     | 7   | 12   | 20     | 36     | 0.3       | 1.3     | 0.98  | 92.3      | 62.8196 | 51.908  |
| 2009 | 6     | 7   | 12   | 30     | 36     | 0.3       | 1.3     | 0.94  | 89.8      | 62.6621 | 50.6368 |
| 2009 | 6     | 7   | 12   | 40     | 36     | 0.3       | 1.3     | 0.99  | 91.5      | 62.6621 | 52.3897 |
| 2009 | 6     | 7   | 12   | 50     | 36     | 0.3       | 1.3     | 0.94  | 89.4      | 62.5047 | 50.3029 |
| 2009 | 6     | 7   | 13   | 0      | 36     | 0.3       | 1.3     | 0.93  | 88.6      | 62.5047 | 50.0695 |
| 2009 | 6     | 7   | 13   | 10     | 36     | 0.3       | 1.3     | 0.89  | 86.4      | 62.3474 | 48.4557 |
| 2009 | 6     | 7   | 13   | 20     | 36     | 0.3       | 1.3     | 0.86  | 89.8      | 62.3474 | 47.4076 |
| 2009 | 6     | 7   | 13   | 30     | 36     | 0.3       | 1.3     | 0.97  | 90.6      | 62.1901 | 51.1485 |
| 2009 | 6     | 7   | 13   | 40     | 36     | 0.3       | 1.3     | 0.92  | 90.8      | 62.1901 | 49.5209 |
| 2009 | 6     | 7   | 13   | 50     | 36     | 0.3       | 1.3     | 0.93  | 87        | 62.033  | 49.7696 |
| 2009 | 6     | 7   | 14   | 0      | 36     | 0.3       | 1.3     | 0.97  | 89.6      | 62.033  | 51.1623 |
| 2009 | 6     | 7   | 14   | 10     | 36     | 0.3       | 1.3     | 0.92  | 90        | 62.033  | 49.4215 |
| 2009 | 6     | 7   | 14   | 20     | 36     | 0.3       | 1.3     | 0.97  | 89        | 62.033  | 51.1623 |
| 2009 | 6     | 7   | 14   | 30     | 36     | 0.3       | 1.3     | 0.98  | 86.5      | 62.033  | 51.2783 |
| 2009 | 6     | 7   | 14   | 40     | 36     | 0.3       | 1.3     | 0.99  | 90        | 62.033  | 51.7425 |
| 2009 | 6     | 7   | 14   | 50     | 36     | 0.3       | 1.3     | 0.92  | 91.4      | 62.033  | 49.1894 |
| 2009 | 6     | 7   | 15   | 0      | 36     | 0.3       | 1.3     | 0.94  | 90        | 62.033  | 50.1178 |
| 2009 | 6     | 7   | 15   | 10     | 36     | 0.3       | 1.3     | 0.96  | 89.6      | 61.876  | 50.8281 |
| 2009 | 6     | 7   | 15   | 20     | 36     | 0.3       | 1.3     | 0.95  | 91        | 61.876  | 50.4805 |
| 2009 | 6     | 7   | 15   | 30     | 36     | 0.3       | 1.3     | 1.01  | 90.9      | 61.876  | 52.3341 |
| 2009 | 6     | 7   | 15   | 40     | 36     | 0.3       | 1.3     | 1.01  | 89.4      | 61.876  | 52.45   |
| 2009 | 6     | 7   | 15   | 50     | 36     | 0.3       | 1.3     | 0.93  | 90        | 61.876  | 49.6696 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|---------|
| 2009 | 6     | 7   | 16   | 0      | 36     | 0.3       | 1.3     | 0.95  | 88        | 61.876 | 50.133  |
| 2009 | 6     | 7   | 16   | 10     | 36     | 0.3       | 1.3     | 0.99  | 91.5      | 61.876 | 51.7549 |
| 2009 | 6     | 7   | 16   | 20     | 36     | 0.3       | 1.3     | 0.98  | 90        | 61.876 | 51.2915 |
| 2009 | 6     | 7   | 16   | 30     | 36     | 0.3       | 1.3     | 0.98  | 86.3      | 61.876 | 51.1756 |
| 2009 | 6     | 7   | 16   | 40     | 36     | 0.3       | 1.3     | 0.97  | 90        | 61.876 | 50.9439 |
| 2009 | 6     | 7   | 16   | 50     | 36     | 0.3       | 1.3     | 0.94  | 87        | 61.876 | 49.9013 |
| 2009 | 6     | 7   | 17   | 0      | 36     | 0.3       | 1.3     | 1.01  | 90.9      | 61.876 | 52.5658 |
| 2009 | 6     | 7   | 17   | 10     | 36     | 0.3       | 1.3     | 0.91  | 88.6      | 61.719 | 48.7599 |
| 2009 | 6     | 7   | 17   | 20     | 36     | 0.3       | 1.3     | 0.98  | 88.3      | 61.719 | 51.1885 |
| 2009 | 6     | 7   | 17   | 30     | 36     | 0.3       | 1.3     | 0.94  | 91.2      | 61.719 | 49.6851 |
| 2009 | 6     | 7   | 17   | 40     | 36     | 0.3       | 1.3     | 0.98  | 88.5      | 61.719 | 51.4198 |
| 2009 | 6     | 7   | 17   | 50     | 36     | 0.3       | 1.3     | 0.98  | 88.8      | 61.719 | 51.1885 |
| 2009 | 6     | 7   | 18   | 0      | 36     | 0.3       | 1.3     | 1.02  | 89.6      | 61.719 | 52.8075 |
| 2009 | 6     | 7   | 18   | 10     | 36     | 0.3       | 1.3     | 0.98  | 90.2      | 61.719 | 51.1885 |
| 2009 | 6     | 7   | 18   | 20     | 36     | 0.3       | 1.3     | 1.01  | 88.9      | 61.719 | 52.2293 |
| 2009 | 6     | 7   | 18   | 30     | 36     | 0.3       | 1.3     | 0.99  | 90        | 61.719 | 51.7667 |
| 2009 | 6     | 7   | 18   | 40     | 36     | 0.3       | 1.3     | 0.92  | 91        | 61.719 | 48.9912 |
| 2009 | 6     | 7   | 18   | 50     | 36     | 0.3       | 1.3     | 0.97  | 91.5      | 61.719 | 50.9572 |
| 2009 | 6     | 7   | 19   | 0      | 36     | 0.3       | 1.3     | 0.94  | 90.8      | 61.719 | 49.6851 |
| 2009 | 6     | 7   | 19   | 10     | 36     | 0.3       | 1.3     | 0.94  | 90        | 61.719 | 49.6851 |
| 2009 | 6     | 7   | 19   | 20     | 36     | 0.3       | 1.3     | 0.88  | 89.6      | 61.719 | 47.8347 |
| 2009 | 6     | 7   | 19   | 30     | 36     | 0.3       | 1.3     | 0.91  | 90        | 61.719 | 48.7599 |
| 2009 | 6     | 7   | 19   | 40     | 36     | 0.3       | 1.3     | 0.96  | 90.2      | 61.719 | 50.4946 |
| 2009 | 6     | 7   | 19   | 50     | 36     | 0.3       | 1.3     | 0.94  | 89.4      | 61.719 | 49.9164 |
| 2009 | 6     | 7   | 20   | 0      | 36     | 0.3       | 1.3     | 0.96  | 87        | 61.719 | 50.379  |
| 2009 | 6     | 7   | 20   | 10     | 36     | 0.3       | 1.3     | 0.91  | 90        | 61.719 | 48.8755 |
| 2009 | 6     | 7   | 20   | 20     | 36     | 0.3       | 1.3     | 0.97  | 90.2      | 61.719 | 51.0728 |
| 2009 | 6     | 7   | 20   | 30     | 36     | 0.3       | 1.3     | 0.93  | 88        | 61.719 | 49.4538 |
| 2009 | 6     | 7   | 20   | 40     | 36     | 0.3       | 1.3     | 0.93  | 91.8      | 61.719 | 49.5694 |
| 2009 | 6     | 7   | 20   | 50     | 36     | 0.3       | 1.3     | 0.98  | 89.4      | 61.719 | 51.1885 |
| 2009 | 6     | 7   | 21   | 0      | 36     | 0.3       | 1.3     | 0.97  | 91.2      | 61.719 | 50.8415 |
| 2009 | 6     | 7   | 21   | 10     | 36     | 0.3       | 1.3     | 0.92  | 90        | 61.719 | 49.1068 |
| 2009 | 6     | 7   | 21   | 20     | 36     | 0.3       | 1.3     | 0.91  | 86.3      | 61.719 | 48.6442 |
| 2009 | 6     | 7   | 21   | 30     | 36     | 0.3       | 1.3     | 0.94  | 89.6      | 61.719 | 49.8007 |
| 2009 | 6     | 7   | 21   | 40     | 36     | 0.3       | 1.3     | 0.93  | 90.8      | 61.719 | 49.5694 |
| 2009 | 6     | 7   | 21   | 50     | 36     | 0.3       | 1.3     | 0.89  | 89.2      | 61.719 | 47.9504 |
| 2009 | 6     | 7   | 22   | 0      | 36     | 0.3       | 1.3     | 0.95  | 93.6      | 61.876 | 50.2488 |
| 2009 | 6     | 7   | 22   | 10     | 36     | 0.3       | 1.3     | 0.95  | 90.8      | 61.719 | 50.379  |
| 2009 | 6     | 7   | 22   | 20     | 36     | 0.3       | 1.3     | 0.87  | 89.1      | 61.719 | 47.3721 |
| 2009 | 6     | 7   | 22   | 30     | 36     | 0.3       | 1.3     | 0.9   | 89.6      | 61.719 | 48.2973 |
| 2009 | 6     | 7   | 22   | 40     | 36     | 0.3       | 1.3     | 1.03  | 90.7      | 61.719 | 53.1545 |
| 2009 | 6     | 7   | 22   | 50     | 36     | 0.3       | 1.3     | 0.96  | 88.8      | 61.719 | 50.4946 |
| 2009 | 6     | 7   | 23   | 0      | 36     | 0.3       | 1.3     | 0.98  | 88.1      | 61.719 | 51.3041 |
| 2009 | 6     | 7   | 23   | 10     | 36     | 0.3       | 1.3     | 0.98  | 87.9      | 61.719 | 51.0728 |
| 2009 | 6     | 7   | 23   | 20     | 36     | 0.3       | 1.3     | 0.93  | 93.2      | 61.876 | 49.5537 |
| 2009 | 6     | 7   | 23   | 30     | 36     | 0.3       | 1.3     | 0.92  | 90        | 61.876 | 49.322  |
| 2009 | 6     | 7   | 23   | 40     | 36     | 0.3       | 1.3     | 0.92  | 88.6      | 61.876 | 49.322  |
| 2009 | 6     | 7   | 23   | 50     | 36     | 0.3       | 1.3     | 0.94  | 89.8      | 61.876 | 50.133  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 8   | 0    | 0      | 36     | 0.3       | 1.3     | 0.95  | 90.6      | 61.876  | 50.3647 |
| 2009 | 6     | 8   | 0    | 10     | 36     | 0.3       | 1.3     | 0.95  | 92.4      | 61.876  | 50.2488 |
| 2009 | 6     | 8   | 0    | 20     | 36     | 0.3       | 1.3     | 0.93  | 88.8      | 62.033  | 49.6536 |
| 2009 | 6     | 8   | 0    | 30     | 36     | 0.3       | 1.3     | 1.02  | 90.2      | 62.033  | 52.787  |
| 2009 | 6     | 8   | 0    | 40     | 36     | 0.3       | 1.3     | 0.94  | 87.2      | 62.033  | 49.8857 |
| 2009 | 6     | 8   | 0    | 50     | 36     | 0.3       | 1.3     | 0.9   | 90.6      | 62.1901 | 48.5909 |
| 2009 | 6     | 8   | 1    | 0      | 36     | 0.3       | 1.3     | 0.9   | 86.4      | 62.3474 | 48.8051 |
| 2009 | 6     | 8   | 1    | 10     | 36     | 0.3       | 1.3     | 0.92  | 88        | 62.3474 | 49.6203 |
| 2009 | 6     | 8   | 1    | 20     | 36     | 0.3       | 1.3     | 0.97  | 88.3      | 62.5047 | 51.4694 |
| 2009 | 6     | 8   | 1    | 30     | 36     | 0.3       | 1.3     | 0.88  | 88.1      | 62.5047 | 48.203  |
| 2009 | 6     | 8   | 1    | 40     | 36     | 0.3       | 1.3     | 1.01  | 94.5      | 62.5047 | 52.8693 |
| 2009 | 6     | 8   | 1    | 50     | 36     | 0.3       | 1.3     | 0.89  | 90        | 62.5047 | 48.553  |
| 2009 | 6     | 8   | 2    | 0      | 36     | 0.3       | 1.3     | 1     | 92.4      | 62.6621 | 52.5066 |
| 2009 | 6     | 8   | 2    | 10     | 36     | 0.3       | 1.3     | 0.97  | 89.2      | 62.6621 | 51.4548 |
| 2009 | 6     | 8   | 2    | 20     | 36     | 0.3       | 1.3     | 0.91  | 93.1      | 62.6621 | 49.2345 |
| 2009 | 6     | 8   | 2    | 30     | 36     | 0.3       | 1.3     | 0.99  | 92.5      | 62.6621 | 52.2729 |
| 2009 | 6     | 8   | 2    | 40     | 36     | 0.3       | 1.3     | 0.91  | 87.7      | 62.6621 | 49.3514 |
| 2009 | 6     | 8   | 2    | 50     | 36     | 0.3       | 1.3     | 0.89  | 93.8      | 62.6621 | 48.7671 |
| 2009 | 6     | 8   | 3    | 0      | 36     | 0.3       | 1.3     | 0.95  | 88.4      | 62.8196 | 50.9715 |
| 2009 | 6     | 8   | 3    | 10     | 36     | 0.3       | 1.3     | 0.9   | 92.9      | 62.8196 | 48.9815 |
| 2009 | 6     | 8   | 3    | 20     | 36     | 0.3       | 1.3     | 0.98  | 87.5      | 62.8196 | 51.908  |
| 2009 | 6     | 8   | 3    | 30     | 36     | 0.3       | 1.3     | 0.94  | 87        | 62.8196 | 50.6203 |
| 2009 | 6     | 8   | 3    | 40     | 36     | 0.3       | 1.3     | 0.88  | 88.7      | 62.8196 | 48.3962 |
| 2009 | 6     | 8   | 3    | 50     | 36     | 0.3       | 1.3     | 0.98  | 93.3      | 62.8196 | 51.791  |
| 2009 | 6     | 8   | 4    | 0      | 36     | 0.3       | 1.3     | 0.88  | 88.1      | 62.8196 | 48.5133 |
| 2009 | 6     | 8   | 4    | 10     | 36     | 0.3       | 1.3     | 0.94  | 88.4      | 62.8196 | 50.3862 |
| 2009 | 6     | 8   | 4    | 20     | 36     | 0.3       | 1.3     | 0.91  | 87.5      | 62.8196 | 49.4497 |
| 2009 | 6     | 8   | 4    | 30     | 36     | 0.3       | 1.3     | 0.93  | 91.4      | 62.8196 | 50.035  |
| 2009 | 6     | 8   | 4    | 40     | 36     | 0.3       | 1.3     | 0.92  | 89.4      | 62.9771 | 50.0171 |
| 2009 | 6     | 8   | 4    | 50     | 36     | 0.3       | 1.3     | 0.91  | 90.8      | 62.8196 | 49.4497 |
| 2009 | 6     | 8   | 5    | 0      | 36     | 0.3       | 1.3     | 0.91  | 89.2      | 62.9771 | 49.6653 |
| 2009 | 6     | 8   | 5    | 10     | 36     | 0.3       | 1.3     | 0.89  | 96.1      | 62.9771 | 48.8445 |
| 2009 | 6     | 8   | 5    | 20     | 36     | 0.3       | 1.3     | 0.91  | 89.2      | 62.9771 | 49.6653 |
| 2009 | 6     | 8   | 5    | 30     | 36     | 0.3       | 1.3     | 0.95  | 89        | 62.9771 | 51.0725 |
| 2009 | 6     | 8   | 5    | 40     | 36     | 0.3       | 1.3     | 0.97  | 94.3      | 62.9771 | 51.5415 |
| 2009 | 6     | 8   | 5    | 50     | 36     | 0.3       | 1.3     | 0.94  | 97        | 62.9771 | 50.4862 |
| 2009 | 6     | 8   | 6    | 0      | 36     | 0.3       | 1.3     | 0.95  | 93        | 62.9771 | 50.9552 |
| 2009 | 6     | 8   | 6    | 10     | 36     | 0.3       | 1.3     | 0.93  | 92.4      | 62.9771 | 50.1344 |
| 2009 | 6     | 8   | 6    | 20     | 36     | 0.3       | 1.3     | 0.97  | 91        | 62.9771 | 51.8933 |
| 2009 | 6     | 8   | 6    | 30     | 36     | 0.3       | 1.3     | 0.95  | 88.4      | 62.9771 | 51.0725 |
| 2009 | 6     | 8   | 6    | 40     | 36     | 0.3       | 1.3     | 0.87  | 87.8      | 62.9771 | 48.2582 |
| 2009 | 6     | 8   | 6    | 50     | 36     | 0.3       | 1.3     | 0.92  | 86.1      | 62.9771 | 50.0171 |
| 2009 | 6     | 8   | 7    | 0      | 36     | 0.3       | 1.3     | 0.94  | 88.8      | 62.9771 | 50.4862 |
| 2009 | 6     | 8   | 7    | 10     | 36     | 0.3       | 1.3     | 0.93  | 91.8      | 62.9771 | 50.3689 |
| 2009 | 6     | 8   | 7    | 20     | 36     | 0.3       | 1.3     | 0.91  | 90        | 62.9771 | 49.6653 |
| 2009 | 6     | 8   | 7    | 30     | 36     | 0.3       | 1.3     | 0.93  | 90.2      | 62.9771 | 50.1344 |
| 2009 | 6     | 8   | 7    | 40     | 36     | 0.3       | 1.3     | 0.94  | 90.2      | 62.9771 | 50.8379 |
| 2009 | 6     | 8   | 7    | 50     | 36     | 0.3       | 1.3     | 0.92  | 90.8      | 62.9771 | 49.7826 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 8   | 8    | 0      | 36     | 0.3       | 1.3     | 0.99  | 90        | 63.1348 | 52.5829 |
| 2009 | 6     | 8   | 8    | 10     | 36     | 0.3       | 1.3     | 0.98  | 90.2      | 63.1348 | 52.3479 |
| 2009 | 6     | 8   | 8    | 20     | 36     | 0.3       | 1.3     | 0.99  | 89.4      | 63.1348 | 52.4654 |
| 2009 | 6     | 8   | 8    | 30     | 36     | 0.3       | 1.3     | 0.98  | 87.9      | 63.1348 | 52.3479 |
| 2009 | 6     | 8   | 8    | 40     | 36     | 0.3       | 1.3     | 0.97  | 90.2      | 63.1348 | 51.9956 |
| 2009 | 6     | 8   | 8    | 50     | 36     | 0.3       | 1.3     | 0.89  | 90.4      | 63.1348 | 48.9416 |
| 2009 | 6     | 8   | 9    | 0      | 36     | 0.3       | 1.3     | 0.91  | 94.1      | 63.1348 | 49.7638 |
| 2009 | 6     | 8   | 9    | 10     | 36     | 0.3       | 1.3     | 0.95  | 86.4      | 63.1348 | 51.0559 |
| 2009 | 6     | 8   | 9    | 20     | 36     | 0.3       | 1.3     | 0.91  | 90        | 63.1348 | 49.7638 |
| 2009 | 6     | 8   | 9    | 30     | 36     | 0.3       | 1.3     | 0.9   | 86.2      | 63.1348 | 49.1765 |
| 2009 | 6     | 8   | 9    | 40     | 36     | 0.3       | 1.3     | 1     | 89.2      | 63.1348 | 52.8178 |
| 2009 | 6     | 8   | 9    | 50     | 36     | 0.3       | 1.3     | 0.89  | 88.7      | 63.1348 | 49.059  |
| 2009 | 6     | 8   | 10   | 0      | 36     | 0.3       | 1.3     | 0.97  | 94.8      | 63.1348 | 51.8781 |
| 2009 | 6     | 8   | 10   | 10     | 36     | 0.3       | 1.3     | 0.97  | 93.9      | 62.9771 | 51.776  |
| 2009 | 6     | 8   | 10   | 20     | 36     | 0.3       | 1.3     | 0.94  | 91        | 63.1348 | 50.586  |
| 2009 | 6     | 8   | 10   | 30     | 36     | 0.3       | 1.3     | 0.89  | 90.4      | 62.9771 | 48.9618 |
| 2009 | 6     | 8   | 10   | 40     | 36     | 0.3       | 1.3     | 1     | 89.2      | 62.9771 | 52.7141 |
| 2009 | 6     | 8   | 10   | 50     | 36     | 0.3       | 1.3     | 0.92  | 94.3      | 62.9771 | 49.7826 |
| 2009 | 6     | 8   | 11   | 0      | 36     | 0.3       | 1.3     | 0.89  | 90.2      | 62.9771 | 48.7272 |
| 2009 | 6     | 8   | 11   | 10     | 36     | 0.3       | 1.3     | 0.96  | 91        | 62.9771 | 51.5415 |
| 2009 | 6     | 8   | 11   | 20     | 36     | 0.3       | 1.3     | 0.88  | 86.6      | 62.8196 | 48.3962 |
| 2009 | 6     | 8   | 11   | 30     | 36     | 0.3       | 1.3     | 1.04  | 89.3      | 62.8196 | 54.2492 |
| 2009 | 6     | 8   | 11   | 40     | 36     | 0.3       | 1.3     | 0.93  | 86.6      | 62.8196 | 50.2692 |
| 2009 | 6     | 8   | 11   | 50     | 36     | 0.3       | 1.3     | 0.96  | 90        | 62.6621 | 51.338  |
| 2009 | 6     | 8   | 12   | 0      | 36     | 0.3       | 1.3     | 1.03  | 87.8      | 62.6621 | 53.6752 |
| 2009 | 6     | 8   | 12   | 10     | 36     | 0.3       | 1.3     | 0.98  | 90.2      | 62.6621 | 52.0391 |
| 2009 | 6     | 8   | 12   | 20     | 36     | 0.3       | 1.3     | 0.98  | 88.3      | 62.5047 | 51.7028 |
| 2009 | 6     | 8   | 12   | 30     | 36     | 0.3       | 1.3     | 0.91  | 86.3      | 62.6621 | 49.3514 |
| 2009 | 6     | 8   | 12   | 40     | 36     | 0.3       | 1.3     | 0.95  | 86        | 62.3474 | 50.5519 |
| 2009 | 6     | 8   | 12   | 50     | 36     | 0.3       | 1.3     | 0.95  | 85.1      | 62.3474 | 50.5519 |
| 2009 | 6     | 8   | 13   | 0      | 36     | 0.3       | 1.3     | 0.97  | 88.3      | 62.3474 | 51.3671 |
| 2009 | 6     | 8   | 13   | 10     | 36     | 0.3       | 1.3     | 0.99  | 88.9      | 62.3474 | 52.0659 |
| 2009 | 6     | 8   | 13   | 20     | 36     | 0.3       | 1.3     | 0.97  | 89.4      | 62.3474 | 51.4836 |
| 2009 | 6     | 8   | 13   | 30     | 36     | 0.3       | 1.3     | 0.93  | 87.2      | 62.1901 | 49.8697 |
| 2009 | 6     | 8   | 13   | 40     | 36     | 0.3       | 1.3     | 0.91  | 85.3      | 62.1901 | 49.0559 |
| 2009 | 6     | 8   | 13   | 50     | 36     | 0.3       | 1.3     | 0.95  | 86.4      | 62.1901 | 50.5672 |
| 2009 | 6     | 8   | 14   | 0      | 36     | 0.3       | 1.3     | 0.95  | 89.2      | 62.1901 | 50.6835 |
| 2009 | 6     | 8   | 14   | 10     | 36     | 0.3       | 1.3     | 0.92  | 85.9      | 62.1901 | 49.5209 |
| 2009 | 6     | 8   | 14   | 20     | 36     | 0.3       | 1.3     | 0.88  | 91.7      | 62.1901 | 48.1259 |
| 2009 | 6     | 8   | 14   | 30     | 36     | 0.3       | 1.3     | 0.94  | 88.8      | 62.033  | 50.1178 |
| 2009 | 6     | 8   | 14   | 40     | 36     | 0.3       | 1.3     | 0.96  | 91.6      | 62.033  | 50.6981 |
| 2009 | 6     | 8   | 14   | 50     | 36     | 0.3       | 1.3     | 0.97  | 87.5      | 62.033  | 51.0462 |
| 2009 | 6     | 8   | 15   | 0      | 36     | 0.3       | 1.3     | 0.93  | 88.2      | 62.033  | 49.7696 |
| 2009 | 6     | 8   | 15   | 10     | 36     | 0.3       | 1.3     | 0.97  | 91        | 62.033  | 51.0462 |
| 2009 | 6     | 8   | 15   | 20     | 36     | 0.3       | 1.3     | 0.96  | 88.6      | 62.033  | 50.8141 |
| 2009 | 6     | 8   | 15   | 30     | 36     | 0.3       | 1.3     | 0.95  | 89.2      | 62.033  | 50.582  |
| 2009 | 6     | 8   | 15   | 40     | 36     | 0.3       | 1.3     | 0.88  | 90.2      | 61.876  | 47.9318 |
| 2009 | 6     | 8   | 15   | 50     | 36     | 0.3       | 1.3     | 0.94  | 90.8      | 62.033  | 49.8857 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 8   | 16   | 0      | 36     | 0.3       | 1.3     | 0.94  | 90        | 61.876  | 49.9013 |
| 2009 | 6     | 8   | 16   | 10     | 36     | 0.3       | 1.3     | 0.97  | 89.4      | 61.876  | 51.0598 |
| 2009 | 6     | 8   | 16   | 20     | 36     | 0.3       | 1.3     | 0.99  | 90.4      | 61.876  | 51.8707 |
| 2009 | 6     | 8   | 16   | 30     | 36     | 0.3       | 1.3     | 0.94  | 91        | 61.876  | 49.9013 |
| 2009 | 6     | 8   | 16   | 40     | 36     | 0.3       | 1.3     | 0.94  | 90.2      | 61.876  | 49.9013 |
| 2009 | 6     | 8   | 16   | 50     | 36     | 0.3       | 1.3     | 0.97  | 88.4      | 61.876  | 50.9439 |
| 2009 | 6     | 8   | 17   | 0      | 36     | 0.3       | 1.3     | 0.96  | 84.1      | 61.876  | 50.3647 |
| 2009 | 6     | 8   | 17   | 10     | 36     | 0.3       | 1.3     | 0.92  | 92.1      | 61.876  | 49.0903 |
| 2009 | 6     | 8   | 17   | 20     | 36     | 0.3       | 1.3     | 0.95  | 89.2      | 61.876  | 50.3647 |
| 2009 | 6     | 8   | 17   | 30     | 36     | 0.3       | 1.3     | 0.97  | 83.8      | 61.876  | 50.7122 |
| 2009 | 6     | 8   | 17   | 40     | 36     | 0.3       | 1.3     | 0.98  | 89.2      | 61.876  | 51.4073 |
| 2009 | 6     | 8   | 17   | 50     | 36     | 0.3       | 1.3     | 0.89  | 86.4      | 61.876  | 48.0477 |
| 2009 | 6     | 8   | 18   | 0      | 36     | 0.3       | 1.3     | 0.91  | 85        | 61.876  | 48.8586 |
| 2009 | 6     | 8   | 18   | 10     | 36     | 0.3       | 1.3     | 0.95  | 89.2      | 61.876  | 50.3647 |
| 2009 | 6     | 8   | 18   | 20     | 36     | 0.3       | 1.3     | 0.92  | 90.4      | 61.876  | 49.322  |
| 2009 | 6     | 8   | 18   | 30     | 36     | 0.3       | 1.3     | 0.96  | 90        | 61.876  | 50.5964 |
| 2009 | 6     | 8   | 18   | 40     | 36     | 0.3       | 1.3     | 0.97  | 89.2      | 61.876  | 51.1756 |
| 2009 | 6     | 8   | 18   | 50     | 36     | 0.3       | 1.3     | 0.95  | 87.4      | 61.876  | 50.2488 |
| 2009 | 6     | 8   | 19   | 0      | 36     | 0.3       | 1.3     | 0.91  | 89.2      | 62.033  | 48.9573 |
| 2009 | 6     | 8   | 19   | 10     | 36     | 0.3       | 1.3     | 0.91  | 90        | 61.876  | 48.7428 |
| 2009 | 6     | 8   | 19   | 20     | 36     | 0.3       | 1.3     | 0.97  | 87.5      | 61.876  | 50.8281 |
| 2009 | 6     | 8   | 19   | 30     | 36     | 0.3       | 1.3     | 0.96  | 91.4      | 61.876  | 50.4805 |
| 2009 | 6     | 8   | 19   | 40     | 36     | 0.3       | 1.3     | 0.97  | 88.1      | 61.876  | 51.1756 |
| 2009 | 6     | 8   | 19   | 50     | 36     | 0.3       | 1.3     | 0.92  | 87.8      | 61.876  | 49.2062 |
| 2009 | 6     | 8   | 20   | 0      | 36     | 0.3       | 1.3     | 0.97  | 93.5      | 61.876  | 50.9439 |
| 2009 | 6     | 8   | 20   | 10     | 36     | 0.3       | 1.3     | 0.95  | 87.6      | 62.033  | 50.466  |
| 2009 | 6     | 8   | 20   | 20     | 36     | 0.3       | 1.3     | 0.91  | 88.8      | 62.033  | 49.0733 |
| 2009 | 6     | 8   | 20   | 30     | 36     | 0.3       | 1.3     | 0.93  | 86.2      | 62.033  | 49.7696 |
| 2009 | 6     | 8   | 20   | 40     | 36     | 0.3       | 1.3     | 0.93  | 89.8      | 61.876  | 49.5537 |
| 2009 | 6     | 8   | 20   | 50     | 36     | 0.3       | 1.3     | 0.92  | 86.7      | 62.033  | 49.1894 |
| 2009 | 6     | 8   | 21   | 0      | 36     | 0.3       | 1.3     | 0.92  | 92.2      | 62.033  | 49.4215 |
| 2009 | 6     | 8   | 21   | 10     | 36     | 0.3       | 1.3     | 1.01  | 88.7      | 62.033  | 52.5549 |
| 2009 | 6     | 8   | 21   | 20     | 36     | 0.3       | 1.3     | 0.97  | 87.3      | 62.033  | 50.9302 |
| 2009 | 6     | 8   | 21   | 30     | 36     | 0.3       | 1.3     | 0.9   | 92.5      | 61.876  | 48.3952 |
| 2009 | 6     | 8   | 21   | 40     | 36     | 0.3       | 1.3     | 0.99  | 86.9      | 61.876  | 51.5232 |
| 2009 | 6     | 8   | 21   | 50     | 36     | 0.3       | 1.3     | 0.94  | 88.6      | 61.876  | 50.0171 |
| 2009 | 6     | 8   | 22   | 0      | 36     | 0.3       | 1.3     | 1.02  | 93        | 62.033  | 52.787  |
| 2009 | 6     | 8   | 22   | 10     | 36     | 0.3       | 1.3     | 0.96  | 90.4      | 62.033  | 50.8141 |
| 2009 | 6     | 8   | 22   | 20     | 36     | 0.3       | 1.3     | 0.92  | 89.4      | 62.033  | 49.3054 |
| 2009 | 6     | 8   | 22   | 30     | 36     | 0.3       | 1.3     | 1.01  | 86.8      | 62.033  | 52.5549 |
| 2009 | 6     | 8   | 22   | 40     | 36     | 0.3       | 1.3     | 0.95  | 90.6      | 62.033  | 50.3499 |
| 2009 | 6     | 8   | 22   | 50     | 36     | 0.3       | 1.3     | 0.93  | 88.2      | 62.1901 | 49.7534 |
| 2009 | 6     | 8   | 23   | 0      | 36     | 0.3       | 1.3     | 0.97  | 89.4      | 62.1901 | 51.2647 |
| 2009 | 6     | 8   | 23   | 10     | 36     | 0.3       | 1.3     | 0.98  | 90.4      | 62.1901 | 51.4972 |
| 2009 | 6     | 8   | 23   | 20     | 36     | 0.3       | 1.3     | 0.95  | 90.2      | 62.3474 | 50.5519 |
| 2009 | 6     | 8   | 23   | 30     | 36     | 0.3       | 1.3     | 1.01  | 92.4      | 62.1901 | 52.5435 |
| 2009 | 6     | 8   | 23   | 40     | 36     | 0.3       | 1.3     | 0.97  | 90.8      | 62.1901 | 51.1485 |
| 2009 | 6     | 8   | 23   | 50     | 36     | 0.3       | 1.3     | 0.93  | 90        | 62.5047 | 49.9529 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 9   | 0    | 0      | 36     | 0.3       | 1.3     | 0.92  | 92.5      | 62.6621 | 49.702  |
| 2009 | 6     | 9   | 0    | 10     | 36     | 0.3       | 1.3     | 0.97  | 91        | 62.6621 | 51.5717 |
| 2009 | 6     | 9   | 0    | 20     | 36     | 0.3       | 1.3     | 0.98  | 88.3      | 62.6621 | 52.0391 |
| 2009 | 6     | 9   | 0    | 30     | 36     | 0.3       | 1.3     | 0.92  | 89.6      | 62.8196 | 49.918  |
| 2009 | 6     | 9   | 0    | 40     | 36     | 0.3       | 1.3     | 0.97  | 87.7      | 62.8196 | 51.6739 |
| 2009 | 6     | 9   | 0    | 50     | 36     | 0.3       | 1.3     | 0.94  | 89.4      | 62.8196 | 50.6203 |
| 2009 | 6     | 9   | 1    | 0      | 36     | 0.3       | 1.3     | 0.95  | 92.8      | 62.8196 | 50.9715 |
| 2009 | 6     | 9   | 1    | 10     | 36     | 0.3       | 1.3     | 0.94  | 90        | 62.8196 | 50.7374 |
| 2009 | 6     | 9   | 1    | 20     | 36     | 0.3       | 1.3     | 0.94  | 90.2      | 62.8196 | 50.3862 |
| 2009 | 6     | 9   | 1    | 30     | 36     | 0.3       | 1.3     | 0.94  | 88.2      | 62.8196 | 50.5033 |
| 2009 | 6     | 9   | 1    | 40     | 36     | 0.3       | 1.3     | 0.92  | 89.4      | 62.9771 | 49.8998 |
| 2009 | 6     | 9   | 1    | 50     | 36     | 0.3       | 1.3     | 0.95  | 90.8      | 62.9771 | 51.1897 |
| 2009 | 6     | 9   | 2    | 0      | 36     | 0.3       | 1.3     | 1.01  | 93.7      | 62.9771 | 53.1832 |
| 2009 | 6     | 9   | 2    | 10     | 36     | 0.3       | 1.3     | 0.91  | 91.2      | 62.9771 | 49.5481 |
| 2009 | 6     | 9   | 2    | 20     | 36     | 0.3       | 1.3     | 0.92  | 90.4      | 62.9771 | 49.8998 |
| 2009 | 6     | 9   | 2    | 30     | 36     | 0.3       | 1.3     | 0.91  | 92.7      | 62.9771 | 49.5481 |
| 2009 | 6     | 9   | 2    | 40     | 36     | 0.3       | 1.3     | 0.89  | 92.1      | 62.9771 | 48.8445 |
| 2009 | 6     | 9   | 2    | 50     | 36     | 0.3       | 1.3     | 0.85  | 89.6      | 62.9771 | 47.3201 |
| 2009 | 6     | 9   | 3    | 0      | 36     | 0.3       | 1.3     | 0.96  | 90        | 63.1348 | 51.5257 |
| 2009 | 6     | 9   | 3    | 10     | 36     | 0.3       | 1.3     | 0.96  | 92.4      | 63.1348 | 51.2908 |
| 2009 | 6     | 9   | 3    | 20     | 36     | 0.3       | 1.3     | 0.98  | 91        | 63.1348 | 52.113  |
| 2009 | 6     | 9   | 3    | 30     | 36     | 0.3       | 1.3     | 0.95  | 89.2      | 63.1348 | 51.0559 |
| 2009 | 6     | 9   | 3    | 40     | 36     | 0.3       | 1.3     | 0.89  | 88.7      | 63.1348 | 49.059  |
| 2009 | 6     | 9   | 3    | 50     | 36     | 0.3       | 1.3     | 1.01  | 91.9      | 63.1348 | 53.4051 |
| 2009 | 6     | 9   | 4    | 0      | 36     | 0.3       | 1.3     | 0.98  | 91.7      | 63.1348 | 52.3479 |
| 2009 | 6     | 9   | 4    | 10     | 36     | 0.3       | 1.3     | 0.95  | 88.2      | 63.1348 | 51.1733 |
| 2009 | 6     | 9   | 4    | 20     | 36     | 0.3       | 1.3     | 0.9   | 88.7      | 63.1348 | 49.2939 |
| 2009 | 6     | 9   | 4    | 30     | 36     | 0.3       | 1.3     | 0.94  | 90        | 63.1348 | 50.8209 |
| 2009 | 6     | 9   | 4    | 40     | 36     | 0.3       | 1.3     | 0.96  | 88.6      | 63.1348 | 51.6432 |
| 2009 | 6     | 9   | 4    | 50     | 36     | 0.3       | 1.3     | 0.99  | 87        | 63.1348 | 52.5829 |
| 2009 | 6     | 9   | 5    | 0      | 36     | 0.3       | 1.3     | 0.92  | 86.1      | 63.1348 | 49.9987 |
| 2009 | 6     | 9   | 5    | 10     | 36     | 0.3       | 1.3     | 1.01  | 91.5      | 63.2926 | 53.3921 |
| 2009 | 6     | 9   | 5    | 20     | 36     | 0.3       | 1.3     | 0.97  | 90.6      | 63.2926 | 52.0978 |
| 2009 | 6     | 9   | 5    | 30     | 36     | 0.3       | 1.3     | 0.9   | 91        | 63.2926 | 49.5092 |
| 2009 | 6     | 9   | 5    | 40     | 36     | 0.3       | 1.3     | 0.96  | 91        | 63.2926 | 51.6271 |
| 2009 | 6     | 9   | 5    | 50     | 36     | 0.3       | 1.3     | 0.94  | 86        | 63.2926 | 50.6858 |
| 2009 | 6     | 9   | 6    | 0      | 36     | 0.3       | 1.3     | 0.99  | 88.1      | 63.2926 | 52.8037 |
| 2009 | 6     | 9   | 6    | 10     | 36     | 0.3       | 1.3     | 0.94  | 91.6      | 63.2926 | 50.9211 |
| 2009 | 6     | 9   | 6    | 20     | 36     | 0.3       | 1.3     | 0.9   | 92.7      | 63.2926 | 49.3915 |
| 2009 | 6     | 9   | 6    | 30     | 36     | 0.3       | 1.3     | 0.93  | 89.6      | 63.2926 | 50.4505 |
| 2009 | 6     | 9   | 6    | 40     | 36     | 0.3       | 1.3     | 0.96  | 90.4      | 63.2926 | 51.7448 |
| 2009 | 6     | 9   | 6    | 50     | 36     | 0.3       | 1.3     | 0.98  | 91.5      | 63.2926 | 52.4508 |
| 2009 | 6     | 9   | 7    | 0      | 36     | 0.3       | 1.3     | 1.01  | 90        | 63.2926 | 53.5097 |
| 2009 | 6     | 9   | 7    | 10     | 36     | 0.3       | 1.3     | 0.95  | 88.4      | 63.2926 | 51.1565 |
| 2009 | 6     | 9   | 7    | 20     | 36     | 0.3       | 1.3     | 0.93  | 90.2      | 63.2926 | 50.3328 |
| 2009 | 6     | 9   | 7    | 30     | 36     | 0.3       | 1.3     | 0.93  | 88.2      | 63.2926 | 50.3328 |
| 2009 | 6     | 9   | 7    | 40     | 36     | 0.3       | 1.3     | 0.93  | 88.4      | 63.2926 | 50.3328 |
| 2009 | 6     | 9   | 7    | 50     | 36     | 0.3       | 1.3     | 0.97  | 89        | 63.2926 | 51.8624 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 9   | 8    | 0      | 36     | 0.3       | 1.3     | 0.85  | 91.1      | 63.2926 | 47.7443 |
| 2009 | 6     | 9   | 8    | 10     | 36     | 0.3       | 1.3     | 0.97  | 88.1      | 63.2926 | 51.8624 |
| 2009 | 6     | 9   | 8    | 20     | 36     | 0.3       | 1.3     | 0.93  | 87.4      | 63.2926 | 50.5682 |
| 2009 | 6     | 9   | 8    | 30     | 36     | 0.3       | 1.3     | 0.92  | 91.2      | 63.2926 | 49.9799 |
| 2009 | 6     | 9   | 8    | 40     | 36     | 0.3       | 1.3     | 0.97  | 91.5      | 63.2926 | 51.9801 |
| 2009 | 6     | 9   | 8    | 50     | 36     | 0.3       | 1.3     | 0.88  | 90.4      | 63.4504 | 48.8998 |
| 2009 | 6     | 9   | 9    | 0      | 36     | 0.3       | 1.3     | 0.96  | 89        | 63.2926 | 51.6271 |
| 2009 | 6     | 9   | 9    | 10     | 36     | 0.3       | 1.3     | 0.94  | 87.4      | 63.4504 | 50.9034 |
| 2009 | 6     | 9   | 9    | 20     | 36     | 0.3       | 1.3     | 0.89  | 86.4      | 63.4504 | 49.0176 |
| 2009 | 6     | 9   | 9    | 30     | 36     | 0.3       | 1.3     | 0.94  | 89.8      | 63.4504 | 50.9034 |
| 2009 | 6     | 9   | 9    | 40     | 36     | 0.3       | 1.3     | 1.03  | 87.1      | 63.4504 | 54.2036 |
| 2009 | 6     | 9   | 9    | 50     | 36     | 0.3       | 1.3     | 0.91  | 88.3      | 63.4504 | 49.7248 |
| 2009 | 6     | 9   | 10   | 0      | 36     | 0.3       | 1.3     | 0.91  | 90.8      | 63.4504 | 49.8427 |
| 2009 | 6     | 9   | 10   | 10     | 36     | 0.3       | 1.3     | 0.98  | 89.6      | 63.4504 | 52.5535 |
| 2009 | 6     | 9   | 10   | 20     | 36     | 0.3       | 1.3     | 0.93  | 87        | 63.4504 | 50.6677 |
| 2009 | 6     | 9   | 10   | 30     | 36     | 0.3       | 1.3     | 0.97  | 90.6      | 63.4504 | 51.9642 |
| 2009 | 6     | 9   | 10   | 40     | 36     | 0.3       | 1.3     | 0.93  | 91        | 63.4504 | 50.5498 |
| 2009 | 6     | 9   | 10   | 50     | 36     | 0.3       | 1.3     | 0.94  | 91.2      | 63.4504 | 50.7856 |
| 2009 | 6     | 9   | 11   | 0      | 36     | 0.3       | 1.3     | 0.96  | 88.4      | 63.4504 | 51.7285 |
| 2009 | 6     | 9   | 11   | 10     | 36     | 0.3       | 1.3     | 0.93  | 91.8      | 63.4504 | 50.6677 |
| 2009 | 6     | 9   | 11   | 20     | 36     | 0.3       | 1.3     | 0.96  | 89.2      | 63.4504 | 51.8463 |
| 2009 | 6     | 9   | 11   | 30     | 36     | 0.3       | 1.3     | 0.93  | 88.2      | 63.4504 | 50.432  |
| 2009 | 6     | 9   | 11   | 40     | 36     | 0.3       | 1.3     | 0.94  | 90.4      | 63.4504 | 51.1392 |
| 2009 | 6     | 9   | 11   | 50     | 36     | 0.3       | 1.3     | 0.99  | 86.6      | 63.2926 | 52.4508 |
| 2009 | 6     | 9   | 12   | 0      | 36     | 0.3       | 1.3     | 0.9   | 91        | 63.2926 | 49.5092 |
| 2009 | 6     | 9   | 12   | 10     | 36     | 0.3       | 1.3     | 0.95  | 87.4      | 63.2926 | 51.2741 |
| 2009 | 6     | 9   | 12   | 20     | 36     | 0.3       | 1.3     | 0.97  | 87.7      | 63.2926 | 51.9801 |
| 2009 | 6     | 9   | 12   | 30     | 36     | 0.3       | 1.3     | 0.91  | 85.6      | 63.2926 | 49.6269 |
| 2009 | 6     | 9   | 12   | 40     | 36     | 0.3       | 1.3     | 0.94  | 89.6      | 63.2926 | 50.8035 |
| 2009 | 6     | 9   | 12   | 50     | 36     | 0.3       | 1.3     | 0.95  | 91.4      | 63.4504 | 51.3749 |
| 2009 | 6     | 9   | 13   | 0      | 36     | 0.3       | 1.3     | 0.97  | 89.2      | 63.2926 | 52.0978 |
| 2009 | 6     | 9   | 13   | 10     | 36     | 0.3       | 1.3     | 0.86  | 90        | 63.2926 | 47.9796 |
| 2009 | 6     | 9   | 13   | 20     | 36     | 0.3       | 1.3     | 0.92  | 87.1      | 63.2926 | 50.2152 |
| 2009 | 6     | 9   | 13   | 30     | 36     | 0.3       | 1.3     | 0.88  | 87.9      | 63.1348 | 48.4717 |
| 2009 | 6     | 9   | 13   | 40     | 36     | 0.3       | 1.3     | 0.92  | 90.6      | 63.2926 | 49.9799 |
| 2009 | 6     | 9   | 13   | 50     | 36     | 0.3       | 1.3     | 0.99  | 87.5      | 63.2926 | 52.6861 |
| 2009 | 6     | 9   | 14   | 0      | 36     | 0.3       | 1.3     | 0.97  | 87.3      | 62.9771 | 51.5415 |
| 2009 | 6     | 9   | 14   | 10     | 36     | 0.3       | 1.3     | 0.93  | 88.6      | 63.1348 | 50.3511 |
| 2009 | 6     | 9   | 14   | 20     | 36     | 0.3       | 1.3     | 0.96  | 90.4      | 62.9771 | 51.4243 |
| 2009 | 6     | 9   | 14   | 30     | 36     | 0.3       | 1.3     | 0.93  | 86.4      | 62.9771 | 50.2516 |
| 2009 | 6     | 9   | 14   | 40     | 36     | 0.3       | 1.3     | 0.96  | 87.8      | 62.9771 | 51.4243 |
| 2009 | 6     | 9   | 14   | 50     | 36     | 0.3       | 1.3     | 0.94  | 88        | 62.8196 | 50.3862 |
| 2009 | 6     | 9   | 15   | 0      | 36     | 0.3       | 1.3     | 0.98  | 92.1      | 62.9771 | 51.8933 |
| 2009 | 6     | 9   | 15   | 10     | 36     | 0.3       | 1.3     | 0.91  | 90.6      | 62.9771 | 49.6653 |
| 2009 | 6     | 9   | 15   | 20     | 36     | 0.3       | 1.3     | 0.97  | 86.9      | 62.8196 | 51.4398 |
| 2009 | 6     | 9   | 15   | 30     | 36     | 0.3       | 1.3     | 0.93  | 89        | 62.8196 | 50.1521 |
| 2009 | 6     | 9   | 15   | 40     | 36     | 0.3       | 1.3     | 0.88  | 84.9      | 62.9771 | 48.4927 |
| 2009 | 6     | 9   | 15   | 50     | 36     | 0.3       | 1.3     | 0.96  | 86.3      | 62.6621 | 51.1043 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 9   | 16   | 0      | 36     | 0.3       | 1.3     | 0.87  | 89.8      | 62.8196 | 47.928  |
| 2009 | 6     | 9   | 16   | 10     | 36     | 0.3       | 1.3     | 0.89  | 85.3      | 62.8196 | 48.6303 |
| 2009 | 6     | 9   | 16   | 20     | 36     | 0.3       | 1.3     | 0.9   | 89.4      | 62.8196 | 48.9815 |
| 2009 | 6     | 9   | 16   | 30     | 36     | 0.3       | 1.3     | 0.93  | 87.6      | 62.8196 | 50.035  |
| 2009 | 6     | 9   | 16   | 40     | 36     | 0.3       | 1.3     | 0.99  | 92.1      | 62.8196 | 52.3763 |
| 2009 | 6     | 9   | 16   | 50     | 36     | 0.3       | 1.3     | 0.98  | 89.4      | 62.9771 | 52.1278 |
| 2009 | 6     | 9   | 17   | 0      | 36     | 0.3       | 1.3     | 0.98  | 86.3      | 62.9771 | 51.8933 |
| 2009 | 6     | 9   | 17   | 10     | 36     | 0.3       | 1.3     | 0.96  | 87.3      | 63.1348 | 51.4083 |
| 2009 | 6     | 9   | 17   | 20     | 36     | 0.3       | 1.3     | 0.91  | 85.5      | 63.1348 | 49.7638 |
| 2009 | 6     | 9   | 17   | 30     | 36     | 0.3       | 1.3     | 0.94  | 89.6      | 63.1348 | 50.7035 |
| 2009 | 6     | 9   | 17   | 40     | 36     | 0.3       | 1.3     | 0.9   | 93.8      | 63.1348 | 49.2939 |
| 2009 | 6     | 9   | 17   | 50     | 36     | 0.3       | 1.3     | 1.03  | 88.7      | 63.1348 | 53.9924 |
| 2009 | 6     | 9   | 18   | 0      | 36     | 0.3       | 1.3     | 0.93  | 89.6      | 63.2926 | 50.4505 |
| 2009 | 6     | 9   | 18   | 10     | 36     | 0.3       | 1.3     | 0.94  | 94.2      | 63.2926 | 50.9211 |
| 2009 | 6     | 9   | 18   | 20     | 36     | 0.3       | 1.3     | 0.9   | 91.7      | 63.2926 | 49.5092 |
| 2009 | 6     | 9   | 18   | 30     | 36     | 0.3       | 1.3     | 0.93  | 87.2      | 62.9771 | 50.2516 |
| 2009 | 6     | 9   | 18   | 40     | 36     | 0.3       | 1.3     | 0.94  | 87.4      | 62.9771 | 50.7207 |
| 2009 | 6     | 9   | 18   | 50     | 36     | 0.3       | 1.3     | 0.96  | 88.4      | 63.1348 | 51.4083 |
| 2009 | 6     | 9   | 19   | 0      | 36     | 0.3       | 1.3     | 1.03  | 90.7      | 63.1348 | 53.9924 |
| 2009 | 6     | 9   | 19   | 10     | 36     | 0.3       | 1.3     | 1     | 87.4      | 63.1348 | 52.7003 |
| 2009 | 6     | 9   | 19   | 20     | 36     | 0.3       | 1.3     | 0.91  | 89.4      | 63.2926 | 49.7445 |
| 2009 | 6     | 9   | 19   | 30     | 36     | 0.3       | 1.3     | 0.88  | 87.2      | 63.2926 | 48.5679 |
| 2009 | 6     | 9   | 19   | 40     | 36     | 0.3       | 1.3     | 1.02  | 93.1      | 63.2926 | 53.5097 |
| 2009 | 6     | 9   | 19   | 50     | 36     | 0.3       | 1.3     | 0.96  | 86.7      | 63.2926 | 51.5095 |
| 2009 | 6     | 9   | 20   | 0      | 36     | 0.3       | 1.3     | 0.97  | 90.6      | 63.2926 | 51.9801 |
| 2009 | 6     | 9   | 20   | 10     | 36     | 0.3       | 1.3     | 0.93  | 91.2      | 63.2926 | 50.4505 |
| 2009 | 6     | 9   | 20   | 20     | 36     | 0.3       | 1.3     | 0.92  | 90        | 63.2926 | 49.9799 |
| 2009 | 6     | 9   | 20   | 30     | 36     | 0.3       | 1.3     | 1     | 90.8      | 63.4504 | 53.0249 |
| 2009 | 6     | 9   | 20   | 40     | 36     | 0.3       | 1.3     | 0.91  | 91        | 63.4504 | 49.8427 |
| 2009 | 6     | 9   | 20   | 50     | 36     | 0.3       | 1.3     | 0.98  | 88.5      | 63.4504 | 52.4356 |
| 2009 | 6     | 9   | 21   | 0      | 36     | 0.3       | 1.3     | 0.96  | 92.2      | 63.4504 | 51.4927 |
| 2009 | 6     | 9   | 21   | 10     | 36     | 0.3       | 1.3     | 0.99  | 90        | 63.4504 | 52.9071 |
| 2009 | 6     | 9   | 21   | 20     | 36     | 0.3       | 1.3     | 0.95  | 88.4      | 63.4504 | 51.1392 |
| 2009 | 6     | 9   | 21   | 30     | 36     | 0.3       | 1.3     | 0.88  | 89.1      | 63.4504 | 48.7819 |
| 2009 | 6     | 9   | 21   | 40     | 36     | 0.3       | 1.3     | 0.92  | 87.9      | 63.4504 | 50.0784 |
| 2009 | 6     | 9   | 21   | 50     | 36     | 0.3       | 1.3     | 0.92  | 91.6      | 63.4504 | 50.3141 |
| 2009 | 6     | 9   | 22   | 0      | 36     | 0.3       | 1.3     | 0.96  | 88        | 63.4504 | 51.6106 |
| 2009 | 6     | 9   | 22   | 10     | 36     | 0.3       | 1.3     | 0.99  | 89.4      | 63.4504 | 52.7892 |
| 2009 | 6     | 9   | 22   | 20     | 36     | 0.3       | 1.3     | 0.89  | 87.3      | 63.6084 | 49.2324 |
| 2009 | 6     | 9   | 22   | 30     | 36     | 0.3       | 1.3     | 0.94  | 89        | 63.6084 | 51.1214 |
| 2009 | 6     | 9   | 22   | 40     | 36     | 0.3       | 1.3     | 0.95  | 88.2      | 63.6084 | 51.4756 |
| 2009 | 6     | 9   | 22   | 50     | 36     | 0.3       | 1.3     | 0.93  | 87        | 63.6084 | 50.5311 |
| 2009 | 6     | 9   | 23   | 0      | 36     | 0.3       | 1.3     | 0.92  | 90.2      | 63.6084 | 50.413  |
| 2009 | 6     | 9   | 23   | 10     | 36     | 0.3       | 1.3     | 0.94  | 90        | 63.6084 | 51.2394 |
| 2009 | 6     | 9   | 23   | 20     | 36     | 0.3       | 1.3     | 0.9   | 91        | 63.6084 | 49.7046 |
| 2009 | 6     | 9   | 23   | 30     | 36     | 0.3       | 1.3     | 0.91  | 87.1      | 63.6084 | 49.8227 |
| 2009 | 6     | 9   | 23   | 40     | 36     | 0.3       | 1.3     | 0.95  | 88.4      | 63.6084 | 51.3575 |
| 2009 | 6     | 9   | 23   | 50     | 36     | 0.3       | 1.3     | 0.93  | 90        | 63.6084 | 50.6491 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 10  | 0    | 0      | 36     | 0.3       | 1.3     | 0.95  | 86.4      | 63.6084 | 51.2394 |
| 2009 | 6     | 10  | 0    | 10     | 36     | 0.3       | 1.3     | 1     | 89.4      | 63.7664 | 53.4683 |
| 2009 | 6     | 10  | 0    | 20     | 36     | 0.3       | 1.3     | 0.9   | 88.3      | 63.7664 | 49.5657 |
| 2009 | 6     | 10  | 0    | 30     | 36     | 0.3       | 1.3     | 1     | 89.8      | 63.7664 | 53.2318 |
| 2009 | 6     | 10  | 0    | 40     | 36     | 0.3       | 1.3     | 1     | 91.7      | 63.9245 | 53.3352 |
| 2009 | 6     | 10  | 0    | 50     | 36     | 0.3       | 1.3     | 0.86  | 93.3      | 64.0827 | 48.4548 |
| 2009 | 6     | 10  | 1    | 0      | 36     | 0.3       | 1.3     | 0.97  | 91.4      | 64.0827 | 52.4892 |
| 2009 | 6     | 10  | 1    | 10     | 36     | 0.3       | 1.3     | 0.92  | 90.2      | 64.0827 | 50.7093 |
| 2009 | 6     | 10  | 1    | 20     | 36     | 0.3       | 1.3     | 0.97  | 89.2      | 64.241  | 52.7096 |
| 2009 | 6     | 10  | 1    | 30     | 36     | 0.3       | 1.3     | 0.98  | 90        | 64.3994 | 53.1686 |
| 2009 | 6     | 10  | 1    | 40     | 36     | 0.3       | 1.3     | 0.98  | 90.6      | 64.5579 | 53.1516 |
| 2009 | 6     | 10  | 1    | 50     | 36     | 0.3       | 1.3     | 0.92  | 86.1      | 64.5579 | 51.005  |
| 2009 | 6     | 10  | 2    | 0      | 36     | 0.3       | 1.3     | 0.96  | 93.9      | 64.7165 | 52.298  |
| 2009 | 6     | 10  | 2    | 10     | 36     | 0.3       | 1.3     | 0.94  | 90.2      | 64.7165 | 51.7007 |
| 2009 | 6     | 10  | 2    | 20     | 36     | 0.3       | 1.3     | 0.88  | 89.4      | 64.7165 | 49.5506 |
| 2009 | 6     | 10  | 2    | 30     | 36     | 0.3       | 1.3     | 0.92  | 91        | 64.8751 | 51.2019 |
| 2009 | 6     | 10  | 2    | 40     | 36     | 0.3       | 1.3     | 0.97  | 90        | 64.8751 | 52.8769 |
| 2009 | 6     | 10  | 2    | 50     | 36     | 0.3       | 1.3     | 1.04  | 89.1      | 64.8751 | 55.6288 |
| 2009 | 6     | 10  | 3    | 0      | 36     | 0.3       | 1.3     | 0.95  | 89.8      | 64.8751 | 52.1591 |
| 2009 | 6     | 10  | 3    | 10     | 36     | 0.3       | 1.3     | 1.01  | 91.3      | 65.0339 | 54.6559 |
| 2009 | 6     | 10  | 3    | 20     | 36     | 0.3       | 1.3     | 1.01  | 92.2      | 65.0339 | 54.6559 |
| 2009 | 6     | 10  | 3    | 30     | 36     | 0.3       | 1.3     | 0.92  | 92        | 65.0339 | 51.1804 |
| 2009 | 6     | 10  | 3    | 40     | 36     | 0.3       | 1.3     | 0.98  | 89.4      | 65.0339 | 53.4574 |
| 2009 | 6     | 10  | 3    | 50     | 36     | 0.3       | 1.3     | 0.95  | 89.2      | 65.0339 | 52.3788 |
| 2009 | 6     | 10  | 4    | 0      | 36     | 0.3       | 1.3     | 0.92  | 94.1      | 65.0339 | 51.1804 |
| 2009 | 6     | 10  | 4    | 10     | 36     | 0.3       | 1.3     | 0.96  | 88.2      | 65.0339 | 52.7384 |
| 2009 | 6     | 10  | 4    | 20     | 36     | 0.3       | 1.3     | 0.98  | 91.9      | 65.1927 | 53.5592 |
| 2009 | 6     | 10  | 4    | 30     | 36     | 0.3       | 1.3     | 1     | 88.9      | 65.1927 | 54.1594 |
| 2009 | 6     | 10  | 4    | 40     | 36     | 0.3       | 1.3     | 0.99  | 91.7      | 65.1927 | 54.0394 |
| 2009 | 6     | 10  | 4    | 50     | 36     | 0.3       | 1.3     | 0.97  | 90.8      | 65.1927 | 53.3192 |
| 2009 | 6     | 10  | 5    | 0      | 36     | 0.3       | 1.3     | 0.98  | 91.3      | 65.1927 | 53.4392 |
| 2009 | 6     | 10  | 5    | 10     | 36     | 0.3       | 1.3     | 0.97  | 91.2      | 65.1927 | 53.0791 |
| 2009 | 6     | 10  | 5    | 20     | 36     | 0.3       | 1.3     | 0.99  | 90.6      | 65.1927 | 53.9194 |
| 2009 | 6     | 10  | 5    | 30     | 36     | 0.3       | 1.3     | 0.89  | 88.9      | 65.1927 | 50.0781 |
| 2009 | 6     | 10  | 5    | 40     | 36     | 0.3       | 1.3     | 0.94  | 90.8      | 65.1927 | 51.9987 |
| 2009 | 6     | 10  | 5    | 50     | 36     | 0.3       | 1.3     | 0.97  | 91        | 65.3516 | 53.3003 |
| 2009 | 6     | 10  | 6    | 0      | 36     | 0.3       | 1.3     | 0.94  | 90.6      | 65.3516 | 52.2181 |
| 2009 | 6     | 10  | 6    | 10     | 36     | 0.3       | 1.3     | 0.95  | 89.2      | 65.3516 | 52.6991 |
| 2009 | 6     | 10  | 6    | 20     | 36     | 0.3       | 1.3     | 0.9   | 91.5      | 65.3516 | 50.5348 |
| 2009 | 6     | 10  | 6    | 30     | 36     | 0.3       | 1.3     | 0.92  | 90        | 65.3516 | 51.3765 |
| 2009 | 6     | 10  | 6    | 40     | 36     | 0.3       | 1.3     | 0.96  | 91.8      | 65.5106 | 52.9196 |
| 2009 | 6     | 10  | 6    | 50     | 36     | 0.3       | 1.3     | 0.89  | 90.6      | 65.3516 | 50.2943 |
| 2009 | 6     | 10  | 7    | 0      | 36     | 0.3       | 1.3     | 0.94  | 91.6      | 65.3516 | 51.9777 |
| 2009 | 6     | 10  | 7    | 10     | 36     | 0.3       | 1.3     | 0.91  | 87.1      | 65.5106 | 51.1131 |
| 2009 | 6     | 10  | 7    | 20     | 36     | 0.3       | 1.3     | 0.94  | 88.6      | 65.5106 | 52.0766 |
| 2009 | 6     | 10  | 7    | 30     | 36     | 0.3       | 1.3     | 0.92  | 89.6      | 65.5106 | 51.5949 |
| 2009 | 6     | 10  | 7    | 40     | 36     | 0.3       | 1.3     | 1     | 88.7      | 65.6697 | 54.7087 |
| 2009 | 6     | 10  | 7    | 50     | 36     | 0.3       | 1.3     | 0.93  | 92.8      | 65.6697 | 51.8136 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 10  | 8    | 0      | 36     | 0.3       | 1.3     | 0.93  | 90        | 65.6697 | 52.0548 |
| 2009 | 6     | 10  | 8    | 10     | 36     | 0.3       | 1.3     | 0.94  | 90.8      | 65.6697 | 52.1755 |
| 2009 | 6     | 10  | 8    | 20     | 36     | 0.3       | 1.3     | 1     | 90        | 65.6697 | 54.588  |
| 2009 | 6     | 10  | 8    | 30     | 36     | 0.3       | 1.3     | 0.96  | 86.5      | 65.6697 | 53.1405 |
| 2009 | 6     | 10  | 8    | 40     | 36     | 0.3       | 1.3     | 1     | 89.2      | 65.8289 | 54.57   |
| 2009 | 6     | 10  | 8    | 50     | 36     | 0.3       | 1.3     | 1.03  | 90.7      | 65.6697 | 55.6737 |
| 2009 | 6     | 10  | 9    | 0      | 36     | 0.3       | 1.3     | 0.92  | 89.8      | 65.8289 | 51.791  |
| 2009 | 6     | 10  | 9    | 10     | 36     | 0.3       | 1.3     | 0.94  | 92.2      | 65.8289 | 52.3951 |
| 2009 | 6     | 10  | 9    | 20     | 36     | 0.3       | 1.3     | 0.94  | 90        | 65.8289 | 52.2743 |
| 2009 | 6     | 10  | 9    | 30     | 36     | 0.3       | 1.3     | 0.99  | 91.9      | 65.9882 | 54.4304 |
| 2009 | 6     | 10  | 9    | 40     | 36     | 0.3       | 1.3     | 0.9   | 87.1      | 65.8289 | 50.9452 |
| 2009 | 6     | 10  | 9    | 50     | 36     | 0.3       | 1.3     | 0.94  | 88.2      | 65.8289 | 52.2743 |
| 2009 | 6     | 10  | 10   | 0      | 36     | 0.3       | 1.3     | 0.87  | 91.5      | 65.8289 | 49.8578 |
| 2009 | 6     | 10  | 10   | 10     | 36     | 0.3       | 1.3     | 0.92  | 94.3      | 65.9882 | 51.889  |
| 2009 | 6     | 10  | 10   | 20     | 36     | 0.3       | 1.3     | 0.96  | 88        | 65.9882 | 53.2202 |
| 2009 | 6     | 10  | 10   | 30     | 36     | 0.3       | 1.3     | 0.99  | 90.6      | 65.9882 | 54.5514 |
| 2009 | 6     | 10  | 10   | 44     | 57     | 0.3       | 1.3     | 0.95  | 94.6      | 65.9876 | 52.6057 |
| 2009 | 6     | 10  | 10   | 54     | 57     | 0.3       | 1.3     | 0.88  | 90.4      | 65.9876 | 50.0644 |
| 2009 | 6     | 10  | 11   | 4      | 57     | 0.3       | 1.3     | 0.94  | 88.2      | 65.9876 | 52.4847 |
| 2009 | 6     | 10  | 11   | 14     | 57     | 0.3       | 1.3     | 0.98  | 90        | 66.147  | 54.1592 |
| 2009 | 6     | 10  | 11   | 24     | 57     | 0.3       | 1.3     | 0.91  | 89.8      | 66.147  | 51.4925 |
| 2009 | 6     | 10  | 11   | 34     | 57     | 0.3       | 1.3     | 0.94  | 92.2      | 66.3064 | 52.4394 |
| 2009 | 6     | 10  | 11   | 44     | 57     | 0.3       | 1.3     | 0.93  | 90.4      | 66.147  | 51.9774 |
| 2009 | 6     | 10  | 11   | 54     | 57     | 0.3       | 1.3     | 0.93  | 90        | 66.3064 | 52.3179 |
| 2009 | 6     | 10  | 12   | 4      | 57     | 0.3       | 1.3     | 0.93  | 89.2      | 66.3064 | 52.0751 |
| 2009 | 6     | 10  | 12   | 14     | 57     | 0.3       | 1.3     | 0.95  | 92        | 66.3064 | 52.925  |
| 2009 | 6     | 10  | 12   | 24     | 57     | 0.3       | 1.3     | 1     | 91.3      | 66.3064 | 54.9889 |
| 2009 | 6     | 10  | 12   | 34     | 57     | 0.3       | 1.3     | 0.95  | 91.8      | 66.3064 | 52.8036 |
| 2009 | 6     | 10  | 12   | 44     | 57     | 0.3       | 1.3     | 0.96  | 90        | 66.3064 | 53.4106 |
| 2009 | 6     | 10  | 12   | 54     | 57     | 0.3       | 1.3     | 0.94  | 86.8      | 66.3064 | 52.4394 |
| 2009 | 6     | 10  | 13   | 4      | 57     | 0.3       | 1.3     | 0.93  | 89.8      | 66.466  | 52.1728 |
| 2009 | 6     | 10  | 13   | 14     | 57     | 0.3       | 1.3     | 0.92  | 87.1      | 66.466  | 51.808  |
| 2009 | 6     | 10  | 13   | 24     | 57     | 0.3       | 1.3     | 0.91  | 89        | 66.466  | 51.6864 |
| 2009 | 6     | 10  | 13   | 34     | 57     | 0.3       | 1.3     | 0.96  | 89.6      | 66.466  | 53.5104 |
| 2009 | 6     | 10  | 13   | 44     | 57     | 0.3       | 1.3     | 0.9   | 92.1      | 66.466  | 51.2    |
| 2009 | 6     | 10  | 13   | 54     | 57     | 0.3       | 1.3     | 0.87  | 94.1      | 66.466  | 50.2272 |
| 2009 | 6     | 10  | 14   | 4      | 57     | 0.3       | 1.3     | 0.93  | 91        | 66.466  | 52.2944 |
| 2009 | 6     | 10  | 14   | 14     | 57     | 0.3       | 1.3     | 0.98  | 90.4      | 66.6256 | 54.2191 |
| 2009 | 6     | 10  | 14   | 24     | 57     | 0.3       | 1.3     | 0.95  | 88.8      | 66.6256 | 53.2448 |
| 2009 | 6     | 10  | 14   | 34     | 57     | 0.3       | 1.3     | 1.01  | 89.6      | 66.6256 | 55.3153 |
| 2009 | 6     | 10  | 14   | 44     | 57     | 0.3       | 1.3     | 0.95  | 90.8      | 66.6256 | 53.123  |
| 2009 | 6     | 10  | 14   | 54     | 57     | 0.3       | 1.3     | 0.96  | 88.6      | 66.6256 | 53.7319 |
| 2009 | 6     | 10  | 15   | 4      | 57     | 0.3       | 1.3     | 0.96  | 87.3      | 66.6256 | 53.4883 |
| 2009 | 6     | 10  | 15   | 14     | 57     | 0.3       | 1.3     | 1.01  | 87.6      | 66.7854 | 55.4177 |
| 2009 | 6     | 10  | 15   | 24     | 57     | 0.3       | 1.3     | 0.96  | 89.2      | 66.6256 | 53.6101 |
| 2009 | 6     | 10  | 15   | 34     | 57     | 0.3       | 1.3     | 0.96  | 88        | 66.6256 | 53.4883 |
| 2009 | 6     | 10  | 15   | 44     | 57     | 0.3       | 1.3     | 0.91  | 89.2      | 66.7854 | 51.88   |
| 2009 | 6     | 10  | 15   | 54     | 57     | 0.3       | 1.3     | 0.94  | 88.2      | 66.7854 | 52.7339 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 10  | 16   | 4      | 57     | 0.3       | 1.3     | 0.94  | 88        | 66.7854 | 52.8559 |
| 2009 | 6     | 10  | 16   | 14     | 57     | 0.3       | 1.3     | 0.9   | 92.1      | 66.9452 | 51.3658 |
| 2009 | 6     | 10  | 16   | 24     | 57     | 0.3       | 1.3     | 0.91  | 90        | 66.7854 | 51.758  |
| 2009 | 6     | 10  | 16   | 34     | 57     | 0.3       | 1.3     | 0.94  | 91.6      | 66.7854 | 52.7339 |
| 2009 | 6     | 10  | 16   | 44     | 57     | 0.3       | 1.3     | 0.96  | 91.8      | 66.7854 | 53.7098 |
| 2009 | 6     | 10  | 16   | 54     | 57     | 0.3       | 1.3     | 0.9   | 88.8      | 66.7854 | 51.514  |
| 2009 | 6     | 10  | 17   | 4      | 57     | 0.3       | 1.3     | 0.9   | 90        | 66.7854 | 51.27   |
| 2009 | 6     | 10  | 17   | 14     | 57     | 0.3       | 1.3     | 0.85  | 89.1      | 66.7854 | 49.4402 |
| 2009 | 6     | 10  | 17   | 24     | 57     | 0.3       | 1.3     | 0.95  | 89.4      | 66.9452 | 53.565  |
| 2009 | 6     | 10  | 17   | 34     | 57     | 0.3       | 1.3     | 0.9   | 89.2      | 66.7854 | 51.514  |
| 2009 | 6     | 10  | 17   | 44     | 57     | 0.3       | 1.3     | 0.95  | 91        | 66.7854 | 53.2219 |
| 2009 | 6     | 10  | 17   | 54     | 57     | 0.3       | 1.3     | 0.98  | 88.3      | 66.466  | 54.24   |
| 2009 | 6     | 10  | 18   | 4      | 57     | 0.3       | 1.3     | 1.02  | 90        | 66.7854 | 55.9056 |
| 2009 | 6     | 10  | 18   | 14     | 57     | 0.3       | 1.3     | 0.97  | 90.8      | 66.7854 | 54.0758 |
| 2009 | 6     | 10  | 18   | 24     | 57     | 0.3       | 1.3     | 1     | 92.1      | 66.6256 | 55.1935 |
| 2009 | 6     | 10  | 18   | 34     | 57     | 0.3       | 1.3     | 0.98  | 89.6      | 66.6256 | 54.4627 |
| 2009 | 6     | 10  | 18   | 44     | 57     | 0.3       | 1.3     | 0.93  | 94.2      | 66.7854 | 52.4899 |
| 2009 | 6     | 10  | 18   | 54     | 57     | 0.3       | 1.3     | 1     | 89.2      | 66.7854 | 55.1737 |
| 2009 | 6     | 10  | 19   | 4      | 57     | 0.3       | 1.3     | 1     | 88.9      | 66.9452 | 55.2756 |
| 2009 | 6     | 10  | 19   | 14     | 57     | 0.3       | 1.3     | 0.95  | 85.8      | 67.1051 | 53.2971 |
| 2009 | 6     | 10  | 19   | 24     | 57     | 0.3       | 1.3     | 1.01  | 89.4      | 67.1051 | 55.7446 |
| 2009 | 6     | 10  | 19   | 34     | 57     | 0.3       | 1.3     | 0.92  | 90.8      | 66.9452 | 52.3432 |
| 2009 | 6     | 10  | 19   | 44     | 57     | 0.3       | 1.3     | 0.91  | 88.8      | 67.1051 | 52.0733 |
| 2009 | 6     | 10  | 19   | 54     | 57     | 0.3       | 1.3     | 0.95  | 89.4      | 67.1051 | 53.4195 |
| 2009 | 6     | 10  | 20   | 4      | 57     | 0.3       | 1.3     | 1     | 91.7      | 67.1051 | 55.4998 |
| 2009 | 6     | 10  | 20   | 14     | 57     | 0.3       | 1.3     | 0.97  | 92.7      | 67.1051 | 54.2761 |
| 2009 | 6     | 10  | 20   | 24     | 57     | 0.3       | 1.3     | 0.93  | 89.6      | 67.1051 | 52.8076 |
| 2009 | 6     | 10  | 20   | 34     | 57     | 0.3       | 1.3     | 0.92  | 91        | 67.1051 | 52.1957 |
| 2009 | 6     | 10  | 20   | 44     | 57     | 0.3       | 1.3     | 0.99  | 90.4      | 67.1051 | 55.0103 |
| 2009 | 6     | 10  | 20   | 54     | 57     | 0.3       | 1.3     | 0.96  | 89.6      | 67.1051 | 53.909  |
| 2009 | 6     | 10  | 21   | 4      | 57     | 0.3       | 1.3     | 0.95  | 90        | 67.1051 | 53.5418 |
| 2009 | 6     | 10  | 21   | 14     | 57     | 0.3       | 1.3     | 0.94  | 92.8      | 67.1051 | 53.0523 |
| 2009 | 6     | 10  | 21   | 24     | 57     | 0.3       | 1.3     | 1.01  | 92.6      | 67.1051 | 55.6222 |
| 2009 | 6     | 10  | 21   | 34     | 57     | 0.3       | 1.3     | 0.98  | 86        | 67.1051 | 54.6432 |
| 2009 | 6     | 10  | 21   | 44     | 57     | 0.3       | 1.3     | 0.93  | 90.6      | 67.1051 | 52.6852 |
| 2009 | 6     | 10  | 21   | 54     | 57     | 0.3       | 1.3     | 0.96  | 93.7      | 67.1051 | 53.6642 |
| 2009 | 6     | 10  | 22   | 4      | 57     | 0.3       | 1.3     | 0.98  | 92.7      | 67.1051 | 54.5208 |
| 2009 | 6     | 10  | 22   | 14     | 57     | 0.3       | 1.3     | 0.94  | 87.8      | 67.1051 | 53.0523 |
| 2009 | 6     | 10  | 22   | 24     | 57     | 0.3       | 1.3     | 0.97  | 91.8      | 67.1051 | 54.0313 |
| 2009 | 6     | 10  | 22   | 34     | 57     | 0.3       | 1.3     | 0.96  | 88.6      | 67.1051 | 53.909  |
| 2009 | 6     | 10  | 22   | 44     | 57     | 0.3       | 1.3     | 0.96  | 90.4      | 67.1051 | 53.909  |
| 2009 | 6     | 10  | 22   | 54     | 57     | 0.3       | 1.3     | 0.93  | 91        | 67.1051 | 52.5628 |
| 2009 | 6     | 10  | 23   | 4      | 57     | 0.3       | 1.3     | 0.96  | 89.2      | 67.1051 | 53.7866 |
| 2009 | 6     | 10  | 23   | 14     | 57     | 0.3       | 1.3     | 0.98  | 93.7      | 67.1051 | 54.3984 |
| 2009 | 6     | 10  | 23   | 24     | 57     | 0.3       | 1.3     | 0.88  | 90.9      | 67.1051 | 50.972  |
| 2009 | 6     | 10  | 23   | 34     | 57     | 0.3       | 1.3     | 0.93  | 89.6      | 66.9452 | 52.4654 |
| 2009 | 6     | 10  | 23   | 44     | 57     | 0.3       | 1.3     | 0.97  | 91.7      | 66.9452 | 54.176  |
| 2009 | 6     | 10  | 23   | 54     | 57     | 0.3       | 1.3     | 0.92  | 87.7      | 66.9452 | 52.0989 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 11  | 0    | 4      | 57     | 0.3       | 1.3     | 0.95  | 94.7      | 66.9452 | 53.4429 |
| 2009 | 6     | 11  | 0    | 14     | 57     | 0.3       | 1.3     | 0.94  | 86.4      | 66.9452 | 53.0763 |
| 2009 | 6     | 11  | 0    | 24     | 57     | 0.3       | 1.3     | 0.95  | 88.8      | 66.9452 | 53.3207 |
| 2009 | 6     | 11  | 0    | 34     | 57     | 0.3       | 1.3     | 0.98  | 90        | 67.1051 | 54.6432 |
| 2009 | 6     | 11  | 0    | 44     | 57     | 0.3       | 1.3     | 0.91  | 90        | 67.1051 | 51.951  |
| 2009 | 6     | 11  | 0    | 54     | 57     | 0.3       | 1.3     | 0.96  | 89.2      | 67.1051 | 53.909  |
| 2009 | 6     | 11  | 1    | 4      | 57     | 0.3       | 1.3     | 0.94  | 89.8      | 67.1051 | 53.1747 |
| 2009 | 6     | 11  | 1    | 14     | 57     | 0.3       | 1.3     | 0.95  | 90        | 67.1051 | 53.5418 |
| 2009 | 6     | 11  | 1    | 24     | 57     | 0.3       | 1.3     | 0.94  | 90.6      | 67.1051 | 53.0523 |
| 2009 | 6     | 11  | 1    | 34     | 57     | 0.3       | 1.3     | 0.93  | 86.4      | 67.1051 | 52.8076 |
| 2009 | 6     | 11  | 1    | 44     | 57     | 0.3       | 1.3     | 0.96  | 91.4      | 67.1051 | 53.909  |
| 2009 | 6     | 11  | 1    | 54     | 57     | 0.3       | 1.3     | 0.92  | 92.5      | 67.1051 | 52.3181 |
| 2009 | 6     | 11  | 2    | 4      | 57     | 0.3       | 1.3     | 0.97  | 89.2      | 67.1051 | 54.1537 |
| 2009 | 6     | 11  | 2    | 14     | 57     | 0.3       | 1.3     | 0.96  | 91.4      | 67.1051 | 54.0313 |
| 2009 | 6     | 11  | 2    | 24     | 57     | 0.3       | 1.3     | 0.92  | 91.8      | 67.1051 | 52.4405 |
| 2009 | 6     | 11  | 2    | 34     | 57     | 0.3       | 1.3     | 0.98  | 87.5      | 67.1051 | 54.5208 |
| 2009 | 6     | 11  | 2    | 44     | 57     | 0.3       | 1.3     | 0.96  | 90.2      | 67.1051 | 54.0313 |
| 2009 | 6     | 11  | 2    | 54     | 57     | 0.3       | 1.3     | 1.03  | 90.2      | 67.1051 | 56.3564 |
| 2009 | 6     | 11  | 3    | 4      | 57     | 0.3       | 1.3     | 0.89  | 90.2      | 67.1051 | 51.3391 |
| 2009 | 6     | 11  | 3    | 14     | 57     | 0.3       | 1.3     | 0.9   | 93.6      | 67.1051 | 51.4615 |
| 2009 | 6     | 11  | 3    | 24     | 57     | 0.3       | 1.3     | 0.99  | 89.4      | 67.1051 | 55.1327 |
| 2009 | 6     | 11  | 3    | 34     | 57     | 0.3       | 1.3     | 0.94  | 89.4      | 67.1051 | 52.93   |
| 2009 | 6     | 11  | 3    | 44     | 57     | 0.3       | 1.3     | 1     | 91.1      | 67.1051 | 55.3774 |
| 2009 | 6     | 11  | 3    | 54     | 57     | 0.3       | 1.3     | 0.89  | 94        | 67.1051 | 51.3391 |
| 2009 | 6     | 11  | 4    | 4      | 57     | 0.3       | 1.3     | 0.99  | 89.1      | 67.1051 | 55.1327 |
| 2009 | 6     | 11  | 4    | 14     | 57     | 0.3       | 1.3     | 0.92  | 92.2      | 67.1051 | 52.3181 |
| 2009 | 6     | 11  | 4    | 24     | 57     | 0.3       | 1.3     | 0.96  | 90        | 67.1051 | 53.909  |
| 2009 | 6     | 11  | 4    | 34     | 57     | 0.3       | 1.3     | 0.96  | 90.8      | 67.1051 | 54.0313 |
| 2009 | 6     | 11  | 4    | 44     | 57     | 0.3       | 1.3     | 0.94  | 94.4      | 67.1051 | 53.0523 |
| 2009 | 6     | 11  | 4    | 54     | 57     | 0.3       | 1.3     | 1.01  | 90        | 67.1051 | 55.8669 |
| 2009 | 6     | 11  | 5    | 4      | 57     | 0.3       | 1.3     | 0.96  | 90.4      | 67.1051 | 54.0313 |
| 2009 | 6     | 11  | 5    | 14     | 57     | 0.3       | 1.3     | 0.92  | 90        | 67.1051 | 52.4405 |
| 2009 | 6     | 11  | 5    | 24     | 57     | 0.3       | 1.3     | 0.99  | 91.5      | 67.1051 | 55.0103 |
| 2009 | 6     | 11  | 5    | 34     | 57     | 0.3       | 1.3     | 0.92  | 90.4      | 67.1051 | 52.3181 |
| 2009 | 6     | 11  | 5    | 44     | 57     | 0.3       | 1.3     | 1.01  | 90.2      | 67.2651 | 55.7244 |
| 2009 | 6     | 11  | 5    | 54     | 57     | 0.3       | 1.3     | 0.95  | 92.2      | 67.2651 | 53.5181 |
| 2009 | 6     | 11  | 6    | 4      | 57     | 0.3       | 1.3     | 0.96  | 90.2      | 67.2651 | 53.8858 |
| 2009 | 6     | 11  | 6    | 14     | 57     | 0.3       | 1.3     | 0.88  | 93.8      | 67.2651 | 50.9442 |
| 2009 | 6     | 11  | 6    | 24     | 57     | 0.3       | 1.3     | 0.9   | 88.5      | 67.2651 | 51.5571 |
| 2009 | 6     | 11  | 6    | 34     | 57     | 0.3       | 1.3     | 0.96  | 91.4      | 67.2651 | 53.7633 |
| 2009 | 6     | 11  | 6    | 44     | 57     | 0.3       | 1.3     | 0.96  | 89.6      | 67.2651 | 54.131  |
| 2009 | 6     | 11  | 6    | 54     | 57     | 0.3       | 1.3     | 0.98  | 91        | 67.2651 | 54.6213 |
| 2009 | 6     | 11  | 7    | 4      | 57     | 0.3       | 1.3     | 0.9   | 87.5      | 67.2651 | 51.8022 |
| 2009 | 6     | 11  | 7    | 14     | 57     | 0.3       | 1.3     | 0.97  | 88.3      | 67.2651 | 54.3761 |
| 2009 | 6     | 11  | 7    | 24     | 57     | 0.3       | 1.3     | 0.94  | 91.4      | 67.2651 | 53.1504 |
| 2009 | 6     | 11  | 7    | 34     | 57     | 0.3       | 1.3     | 0.95  | 89.6      | 67.2651 | 53.5181 |
| 2009 | 6     | 11  | 7    | 44     | 57     | 0.3       | 1.3     | 1     | 86.2      | 67.2651 | 55.2341 |
| 2009 | 6     | 11  | 7    | 54     | 57     | 0.3       | 1.3     | 0.91  | 90.2      | 67.2651 | 52.0473 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 11  | 8    | 4      | 57     | 0.3       | 1.3     | 1     | 89.6      | 67.2651 | 55.3567 |
| 2009 | 6     | 11  | 8    | 14     | 57     | 0.3       | 1.3     | 0.96  | 91        | 67.2651 | 54.0084 |
| 2009 | 6     | 11  | 8    | 24     | 57     | 0.3       | 1.3     | 0.92  | 90.6      | 67.2651 | 52.2925 |
| 2009 | 6     | 11  | 8    | 34     | 57     | 0.3       | 1.3     | 0.99  | 90        | 67.2651 | 55.2341 |
| 2009 | 6     | 11  | 8    | 44     | 57     | 0.3       | 1.3     | 0.96  | 90.2      | 67.2651 | 54.131  |
| 2009 | 6     | 11  | 8    | 54     | 57     | 0.3       | 1.3     | 0.98  | 91.9      | 67.2651 | 54.8664 |
| 2009 | 6     | 11  | 9    | 4      | 57     | 0.3       | 1.3     | 0.94  | 89.2      | 67.2651 | 53.3956 |
| 2009 | 6     | 11  | 9    | 14     | 57     | 0.3       | 1.3     | 0.9   | 91.3      | 67.4252 | 51.7754 |
| 2009 | 6     | 11  | 9    | 24     | 57     | 0.3       | 1.3     | 0.96  | 92.2      | 67.2651 | 53.8858 |
| 2009 | 6     | 11  | 9    | 34     | 57     | 0.3       | 1.3     | 0.93  | 89.6      | 67.4252 | 52.7575 |
| 2009 | 6     | 11  | 9    | 44     | 57     | 0.3       | 1.3     | 0.91  | 91        | 67.2651 | 52.0473 |
| 2009 | 6     | 11  | 9    | 54     | 57     | 0.3       | 1.3     | 1.01  | 86.8      | 67.4252 | 55.7037 |
| 2009 | 6     | 11  | 10   | 4      | 57     | 0.3       | 1.3     | 0.92  | 92.7      | 67.2651 | 52.2925 |
| 2009 | 6     | 11  | 10   | 14     | 57     | 0.3       | 1.3     | 0.99  | 91.7      | 67.4252 | 55.3354 |
| 2009 | 6     | 11  | 10   | 24     | 57     | 0.3       | 1.3     | 0.9   | 92.3      | 67.4252 | 51.8982 |
| 2009 | 6     | 11  | 10   | 34     | 57     | 0.3       | 1.3     | 0.91  | 91.9      | 67.4252 | 52.1437 |
| 2009 | 6     | 11  | 10   | 44     | 57     | 0.3       | 1.3     | 0.96  | 88.2      | 67.4252 | 53.8623 |
| 2009 | 6     | 11  | 10   | 54     | 57     | 0.3       | 1.3     | 0.93  | 89.6      | 67.4252 | 52.7575 |
| 2009 | 6     | 11  | 11   | 4      | 57     | 0.3       | 1.3     | 0.96  | 91.4      | 67.4252 | 54.2306 |
| 2009 | 6     | 11  | 11   | 14     | 57     | 0.3       | 1.3     | 0.96  | 90        | 67.4252 | 53.9851 |
| 2009 | 6     | 11  | 11   | 24     | 57     | 0.3       | 1.3     | 0.97  | 90.8      | 67.4252 | 54.5989 |
| 2009 | 6     | 11  | 11   | 34     | 57     | 0.3       | 1.3     | 0.93  | 88        | 67.4252 | 53.003  |
| 2009 | 6     | 11  | 11   | 44     | 57     | 0.3       | 1.3     | 1     | 90.6      | 67.4252 | 55.7037 |
| 2009 | 6     | 11  | 11   | 54     | 57     | 0.3       | 1.3     | 0.99  | 92.7      | 67.4252 | 55.2127 |
| 2009 | 6     | 11  | 12   | 4      | 57     | 0.3       | 1.3     | 0.99  | 92.7      | 67.4252 | 54.9671 |
| 2009 | 6     | 11  | 12   | 14     | 57     | 0.3       | 1.3     | 0.94  | 89.4      | 67.4252 | 53.1257 |
| 2009 | 6     | 11  | 12   | 24     | 57     | 0.3       | 1.3     | 0.97  | 89        | 67.4252 | 54.4761 |
| 2009 | 6     | 11  | 12   | 34     | 57     | 0.3       | 1.3     | 0.9   | 90        | 67.4252 | 51.7754 |
| 2009 | 6     | 11  | 12   | 44     | 57     | 0.3       | 1.3     | 1.01  | 87.6      | 67.4252 | 56.072  |
| 2009 | 6     | 11  | 12   | 54     | 57     | 0.3       | 1.3     | 0.95  | 88        | 67.4252 | 53.494  |
| 2009 | 6     | 11  | 13   | 4      | 57     | 0.3       | 1.3     | 0.97  | 88.3      | 67.4252 | 54.3533 |
| 2009 | 6     | 11  | 13   | 14     | 57     | 0.3       | 1.3     | 0.94  | 91        | 67.5854 | 53.3465 |
| 2009 | 6     | 11  | 13   | 24     | 57     | 0.3       | 1.3     | 0.92  | 89.4      | 67.5854 | 52.7318 |
| 2009 | 6     | 11  | 13   | 34     | 57     | 0.3       | 1.3     | 0.97  | 86.5      | 67.5854 | 54.3301 |
| 2009 | 6     | 11  | 13   | 44     | 57     | 0.3       | 1.3     | 0.95  | 89        | 67.5854 | 53.5924 |
| 2009 | 6     | 11  | 13   | 54     | 57     | 0.3       | 1.3     | 0.94  | 88.4      | 67.5854 | 53.4695 |
| 2009 | 6     | 11  | 14   | 4      | 57     | 0.3       | 1.3     | 0.92  | 88.4      | 67.5854 | 52.7318 |
| 2009 | 6     | 11  | 14   | 14     | 57     | 0.3       | 1.3     | 0.98  | 91.7      | 67.5854 | 54.8219 |
| 2009 | 6     | 11  | 14   | 24     | 57     | 0.3       | 1.3     | 0.93  | 91.6      | 67.5854 | 53.1006 |
| 2009 | 6     | 11  | 14   | 34     | 57     | 0.3       | 1.3     | 0.93  | 90        | 67.5854 | 52.9777 |
| 2009 | 6     | 11  | 14   | 44     | 57     | 0.3       | 1.3     | 0.95  | 90.4      | 67.5854 | 53.8383 |
| 2009 | 6     | 11  | 14   | 54     | 57     | 0.3       | 1.3     | 0.95  | 87.8      | 67.5854 | 53.7154 |
| 2009 | 6     | 11  | 15   | 4      | 57     | 0.3       | 1.3     | 0.94  | 90.2      | 67.4252 | 53.3713 |
| 2009 | 6     | 11  | 15   | 14     | 57     | 0.3       | 1.3     | 0.95  | 88.2      | 67.4252 | 53.6168 |
| 2009 | 6     | 11  | 15   | 24     | 57     | 0.3       | 1.3     | 0.96  | 87.7      | 67.4252 | 54.1078 |
| 2009 | 6     | 11  | 15   | 34     | 57     | 0.3       | 1.3     | 1.02  | 90        | 67.4252 | 56.1947 |
| 2009 | 6     | 11  | 15   | 44     | 57     | 0.3       | 1.3     | 0.93  | 87.8      | 67.2651 | 52.7827 |
| 2009 | 6     | 11  | 15   | 54     | 57     | 0.3       | 1.3     | 0.94  | 87.2      | 67.2651 | 53.0279 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 11  | 16   | 4      | 57     | 0.3       | 1.3     | 0.89  | 90.4      | 67.2651 | 51.4345 |
| 2009 | 6     | 11  | 16   | 14     | 57     | 0.3       | 1.3     | 0.97  | 86.9      | 67.2651 | 54.3761 |
| 2009 | 6     | 11  | 16   | 24     | 57     | 0.3       | 1.3     | 0.93  | 91        | 67.2651 | 52.7827 |
| 2009 | 6     | 11  | 16   | 34     | 57     | 0.3       | 1.3     | 0.95  | 88.8      | 67.2651 | 53.7633 |
| 2009 | 6     | 11  | 16   | 44     | 57     | 0.3       | 1.3     | 0.93  | 92.8      | 67.1051 | 52.8076 |
| 2009 | 6     | 11  | 16   | 54     | 57     | 0.3       | 1.3     | 1     | 92.1      | 67.1051 | 55.4998 |
| 2009 | 6     | 11  | 17   | 4      | 57     | 0.3       | 1.3     | 0.97  | 90        | 67.1051 | 54.3984 |
| 2009 | 6     | 11  | 17   | 14     | 57     | 0.3       | 1.3     | 0.95  | 88.2      | 67.1051 | 53.4195 |
| 2009 | 6     | 11  | 17   | 24     | 57     | 0.3       | 1.3     | 0.9   | 90.8      | 67.1051 | 51.4615 |
| 2009 | 6     | 11  | 17   | 34     | 57     | 0.3       | 1.3     | 0.91  | 91        | 67.1051 | 51.951  |
| 2009 | 6     | 11  | 17   | 44     | 57     | 0.3       | 1.3     | 0.95  | 88.2      | 67.1051 | 53.2971 |
| 2009 | 6     | 11  | 17   | 54     | 57     | 0.3       | 1.3     | 1     | 88.3      | 67.1051 | 55.2551 |
| 2009 | 6     | 11  | 18   | 4      | 57     | 0.3       | 1.3     | 0.92  | 85.5      | 66.9452 | 52.3432 |
| 2009 | 6     | 11  | 18   | 14     | 57     | 0.3       | 1.3     | 0.94  | 89.8      | 66.9452 | 53.0763 |
| 2009 | 6     | 11  | 18   | 24     | 57     | 0.3       | 1.3     | 0.97  | 84.6      | 66.9452 | 53.9316 |
| 2009 | 6     | 11  | 18   | 34     | 57     | 0.3       | 1.3     | 0.98  | 90        | 66.9452 | 54.6647 |
| 2009 | 6     | 11  | 18   | 44     | 57     | 0.3       | 1.3     | 0.98  | 89.8      | 66.9452 | 54.5425 |
| 2009 | 6     | 11  | 18   | 54     | 57     | 0.3       | 1.3     | 1.02  | 88.3      | 66.9452 | 55.8865 |
| 2009 | 6     | 11  | 19   | 4      | 57     | 0.3       | 1.3     | 0.92  | 90        | 66.9452 | 52.3432 |
| 2009 | 6     | 11  | 19   | 14     | 57     | 0.3       | 1.3     | 0.94  | 88.6      | 66.9452 | 52.9541 |
| 2009 | 6     | 11  | 19   | 24     | 57     | 0.3       | 1.3     | 0.94  | 90        | 66.9452 | 53.0763 |
| 2009 | 6     | 11  | 19   | 34     | 57     | 0.3       | 1.3     | 0.98  | 87.7      | 66.9452 | 54.5425 |
| 2009 | 6     | 11  | 19   | 44     | 57     | 0.3       | 1.3     | 1     | 87.7      | 66.9452 | 55.1534 |
| 2009 | 6     | 11  | 19   | 54     | 57     | 0.3       | 1.3     | 0.95  | 92        | 66.9452 | 53.4429 |
| 2009 | 6     | 11  | 20   | 4      | 57     | 0.3       | 1.3     | 0.95  | 88.2      | 66.9452 | 53.4429 |
| 2009 | 6     | 11  | 20   | 14     | 57     | 0.3       | 1.3     | 0.95  | 90.4      | 66.9452 | 53.565  |
| 2009 | 6     | 11  | 20   | 24     | 57     | 0.3       | 1.3     | 0.95  | 88.4      | 66.9452 | 53.1985 |
| 2009 | 6     | 11  | 20   | 34     | 57     | 0.3       | 1.3     | 0.94  | 85.8      | 66.7854 | 52.9779 |
| 2009 | 6     | 11  | 20   | 44     | 57     | 0.3       | 1.3     | 0.97  | 86.7      | 66.7854 | 53.8318 |
| 2009 | 6     | 11  | 20   | 54     | 57     | 0.3       | 1.3     | 0.94  | 87.4      | 66.7854 | 52.8559 |
| 2009 | 6     | 11  | 21   | 4      | 57     | 0.3       | 1.3     | 1.01  | 86.1      | 66.7854 | 55.5396 |
| 2009 | 6     | 11  | 21   | 14     | 57     | 0.3       | 1.3     | 0.94  | 91.6      | 66.7854 | 52.8559 |
| 2009 | 6     | 11  | 21   | 24     | 57     | 0.3       | 1.3     | 0.96  | 91        | 66.7854 | 53.8318 |
| 2009 | 6     | 11  | 21   | 34     | 57     | 0.3       | 1.3     | 0.99  | 90        | 66.7854 | 54.8077 |
| 2009 | 6     | 11  | 21   | 44     | 57     | 0.3       | 1.3     | 0.92  | 89.8      | 66.7854 | 52.124  |
| 2009 | 6     | 11  | 21   | 54     | 57     | 0.3       | 1.3     | 0.98  | 87.1      | 66.7854 | 54.1978 |
| 2009 | 6     | 11  | 22   | 4      | 57     | 0.3       | 1.3     | 0.95  | 91.2      | 66.7854 | 53.4658 |
| 2009 | 6     | 11  | 22   | 14     | 57     | 0.3       | 1.3     | 0.94  | 85.8      | 66.7854 | 52.8559 |
| 2009 | 6     | 11  | 22   | 24     | 57     | 0.3       | 1.3     | 0.96  | 89.2      | 66.7854 | 53.5878 |
| 2009 | 6     | 11  | 22   | 34     | 57     | 0.3       | 1.3     | 0.96  | 90        | 66.7854 | 53.5878 |
| 2009 | 6     | 11  | 22   | 44     | 57     | 0.3       | 1.3     | 1     | 88.9      | 66.7854 | 55.2957 |
| 2009 | 6     | 11  | 22   | 54     | 57     | 0.3       | 1.3     | 0.9   | 86.3      | 66.7854 | 51.514  |
| 2009 | 6     | 11  | 23   | 4      | 57     | 0.3       | 1.3     | 0.97  | 85.7      | 66.7854 | 54.0758 |
| 2009 | 6     | 11  | 23   | 14     | 57     | 0.3       | 1.3     | 0.93  | 88.6      | 66.7854 | 52.6119 |
| 2009 | 6     | 11  | 23   | 24     | 57     | 0.3       | 1.3     | 1     | 87.5      | 66.7854 | 54.9297 |
| 2009 | 6     | 11  | 23   | 34     | 57     | 0.3       | 1.3     | 0.99  | 88.3      | 66.6256 | 54.5845 |
| 2009 | 6     | 11  | 23   | 44     | 57     | 0.3       | 1.3     | 0.97  | 90.8      | 66.6256 | 53.9755 |
| 2009 | 6     | 11  | 23   | 54     | 57     | 0.3       | 1.3     | 0.96  | 89.6      | 66.6256 | 53.4883 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 12  | 0    | 4      | 57     | 0.3       | 1.3     | 0.94  | 89.4      | 66.6256 | 52.6358 |
| 2009 | 6     | 12  | 0    | 14     | 57     | 0.3       | 1.3     | 0.93  | 91.4      | 66.6256 | 52.2704 |
| 2009 | 6     | 12  | 0    | 24     | 57     | 0.3       | 1.3     | 0.99  | 88.7      | 66.6256 | 54.7063 |
| 2009 | 6     | 12  | 0    | 34     | 57     | 0.3       | 1.3     | 0.95  | 86.4      | 66.6256 | 53.0012 |
| 2009 | 6     | 12  | 0    | 44     | 57     | 0.3       | 1.3     | 0.95  | 88.6      | 66.6256 | 53.0012 |
| 2009 | 6     | 12  | 0    | 54     | 57     | 0.3       | 1.3     | 0.97  | 89        | 66.6256 | 54.0973 |
| 2009 | 6     | 12  | 1    | 4      | 57     | 0.3       | 1.3     | 0.96  | 90        | 66.6256 | 53.6101 |
| 2009 | 6     | 12  | 1    | 14     | 57     | 0.3       | 1.3     | 1.03  | 89.8      | 66.6256 | 56.1678 |
| 2009 | 6     | 12  | 1    | 24     | 57     | 0.3       | 1.3     | 1     | 89.8      | 66.6256 | 54.9499 |
| 2009 | 6     | 12  | 1    | 34     | 57     | 0.3       | 1.3     | 0.96  | 89.8      | 66.6256 | 53.4883 |
| 2009 | 6     | 12  | 1    | 44     | 57     | 0.3       | 1.3     | 0.91  | 89        | 66.6256 | 51.6614 |
| 2009 | 6     | 12  | 1    | 54     | 57     | 0.3       | 1.3     | 0.94  | 90.8      | 66.6256 | 52.8794 |
| 2009 | 6     | 12  | 2    | 4      | 57     | 0.3       | 1.3     | 0.95  | 88.6      | 66.6256 | 53.2448 |
| 2009 | 6     | 12  | 2    | 14     | 57     | 0.3       | 1.3     | 0.95  | 90        | 66.466  | 53.1456 |
| 2009 | 6     | 12  | 2    | 24     | 57     | 0.3       | 1.3     | 0.99  | 87.5      | 66.6256 | 54.5845 |
| 2009 | 6     | 12  | 2    | 34     | 57     | 0.3       | 1.3     | 0.92  | 88        | 66.466  | 51.9296 |
| 2009 | 6     | 12  | 2    | 44     | 57     | 0.3       | 1.3     | 0.96  | 89.2      | 66.466  | 53.5104 |
| 2009 | 6     | 12  | 2    | 54     | 57     | 0.3       | 1.3     | 0.91  | 88.3      | 66.466  | 51.4432 |
| 2009 | 6     | 12  | 3    | 4      | 57     | 0.3       | 1.3     | 0.89  | 87.5      | 66.466  | 50.7136 |
| 2009 | 6     | 12  | 3    | 14     | 57     | 0.3       | 1.3     | 1     | 86.4      | 66.466  | 54.848  |
| 2009 | 6     | 12  | 3    | 24     | 57     | 0.3       | 1.3     | 1     | 85.7      | 66.466  | 54.9696 |
| 2009 | 6     | 12  | 3    | 34     | 57     | 0.3       | 1.3     | 0.86  | 89.1      | 66.3064 | 49.7684 |
| 2009 | 6     | 12  | 3    | 44     | 57     | 0.3       | 1.3     | 0.9   | 87.5      | 66.3064 | 50.9825 |
| 2009 | 6     | 12  | 3    | 54     | 57     | 0.3       | 1.3     | 0.91  | 89        | 66.3064 | 51.4681 |
| 2009 | 6     | 12  | 4    | 4      | 57     | 0.3       | 1.3     | 0.95  | 86.4      | 66.3064 | 52.925  |
| 2009 | 6     | 12  | 4    | 14     | 57     | 0.3       | 1.3     | 0.95  | 87.4      | 66.3064 | 53.0464 |
| 2009 | 6     | 12  | 4    | 24     | 57     | 0.3       | 1.3     | 0.94  | 90.8      | 66.3064 | 52.4394 |
| 2009 | 6     | 12  | 4    | 34     | 57     | 0.3       | 1.3     | 0.91  | 89.2      | 66.3064 | 51.3467 |
| 2009 | 6     | 12  | 4    | 44     | 57     | 0.3       | 1.3     | 0.91  | 90.4      | 66.147  | 51.3713 |
| 2009 | 6     | 12  | 4    | 54     | 57     | 0.3       | 1.3     | 1.01  | 85.5      | 66.147  | 55.0077 |
| 2009 | 6     | 12  | 5    | 4      | 57     | 0.3       | 1.3     | 1.01  | 89.1      | 66.147  | 55.2501 |
| 2009 | 6     | 12  | 5    | 14     | 57     | 0.3       | 1.3     | 0.9   | 85.4      | 66.147  | 50.7653 |
| 2009 | 6     | 12  | 5    | 24     | 57     | 0.3       | 1.3     | 0.91  | 88.6      | 65.9876 | 51.3955 |
| 2009 | 6     | 12  | 5    | 34     | 57     | 0.3       | 1.3     | 0.93  | 91.8      | 65.9876 | 52.1217 |
| 2009 | 6     | 12  | 5    | 44     | 57     | 0.3       | 1.3     | 0.94  | 87        | 66.147  | 52.341  |
| 2009 | 6     | 12  | 5    | 54     | 57     | 0.3       | 1.3     | 1.01  | 90.7      | 65.8283 | 55.044  |
| 2009 | 6     | 12  | 6    | 4      | 57     | 0.3       | 1.3     | 0.98  | 90        | 65.8283 | 53.8358 |
| 2009 | 6     | 12  | 6    | 14     | 57     | 0.3       | 1.3     | 0.94  | 89        | 65.8283 | 52.1442 |
| 2009 | 6     | 12  | 6    | 24     | 57     | 0.3       | 1.3     | 0.95  | 90        | 65.8283 | 52.8692 |
| 2009 | 6     | 12  | 6    | 34     | 57     | 0.3       | 1.3     | 0.95  | 88        | 65.6691 | 52.6489 |
| 2009 | 6     | 12  | 6    | 44     | 57     | 0.3       | 1.3     | 0.99  | 87        | 65.6691 | 54.0964 |
| 2009 | 6     | 12  | 6    | 54     | 57     | 0.3       | 1.3     | 0.96  | 92.5      | 65.8283 | 52.99   |
| 2009 | 6     | 12  | 7    | 4      | 57     | 0.3       | 1.3     | 0.93  | 87.8      | 65.6691 | 51.6838 |
| 2009 | 6     | 12  | 7    | 14     | 57     | 0.3       | 1.3     | 0.92  | 87.7      | 65.6691 | 51.322  |
| 2009 | 6     | 12  | 7    | 24     | 57     | 0.3       | 1.3     | 0.93  | 87.8      | 65.6691 | 51.9251 |
| 2009 | 6     | 12  | 7    | 34     | 57     | 0.3       | 1.3     | 0.9   | 90        | 65.6691 | 50.7188 |
| 2009 | 6     | 12  | 7    | 44     | 57     | 0.3       | 1.3     | 0.95  | 89.6      | 65.51   | 52.6698 |
| 2009 | 6     | 12  | 7    | 54     | 57     | 0.3       | 1.3     | 0.93  | 89.2      | 65.6691 | 51.6838 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 12  | 8    | 4      | 57     | 0.3       | 1.3     | 0.96  | 91.6      | 65.6691 | 52.8901 |
| 2009 | 6     | 12  | 8    | 14     | 57     | 0.3       | 1.3     | 0.94  | 92.6      | 65.51   | 52.188  |
| 2009 | 6     | 12  | 8    | 24     | 57     | 0.3       | 1.3     | 0.93  | 87.4      | 65.51   | 51.8267 |
| 2009 | 6     | 12  | 8    | 34     | 57     | 0.3       | 1.3     | 0.96  | 87.5      | 65.51   | 52.9106 |
| 2009 | 6     | 12  | 8    | 44     | 57     | 0.3       | 1.3     | 0.96  | 89.6      | 65.51   | 52.7902 |
| 2009 | 6     | 12  | 8    | 54     | 57     | 0.3       | 1.3     | 0.96  | 89.8      | 65.51   | 52.9106 |
| 2009 | 6     | 12  | 9    | 4      | 57     | 0.3       | 1.3     | 0.96  | 89.8      | 65.51   | 52.9106 |
| 2009 | 6     | 12  | 9    | 14     | 57     | 0.3       | 1.3     | 0.93  | 91.4      | 65.51   | 51.5859 |
| 2009 | 6     | 12  | 9    | 24     | 57     | 0.3       | 1.3     | 0.99  | 90.2      | 65.51   | 53.8741 |
| 2009 | 6     | 12  | 9    | 34     | 57     | 0.3       | 1.3     | 0.95  | 91.6      | 65.51   | 52.3085 |
| 2009 | 6     | 12  | 9    | 44     | 57     | 0.3       | 1.3     | 0.95  | 89.2      | 65.51   | 52.5493 |
| 2009 | 6     | 12  | 9    | 54     | 57     | 0.3       | 1.3     | 1     | 89.6      | 65.51   | 54.3558 |
| 2009 | 6     | 12  | 10   | 4      | 57     | 0.3       | 1.3     | 0.94  | 91        | 65.51   | 52.0676 |
| 2009 | 6     | 12  | 10   | 14     | 57     | 0.3       | 1.3     | 0.96  | 85.7      | 65.51   | 52.6698 |
| 2009 | 6     | 12  | 10   | 24     | 57     | 0.3       | 1.3     | 0.91  | 88.1      | 65.51   | 51.1041 |
| 2009 | 6     | 12  | 10   | 34     | 57     | 0.3       | 1.3     | 1.02  | 92        | 65.51   | 54.958  |
| 2009 | 6     | 12  | 10   | 44     | 57     | 0.3       | 1.3     | 0.9   | 90.4      | 65.351  | 50.4057 |
| 2009 | 6     | 12  | 10   | 54     | 57     | 0.3       | 1.3     | 0.97  | 89.8      | 65.351  | 53.2914 |
| 2009 | 6     | 12  | 11   | 4      | 57     | 0.3       | 1.3     | 0.97  | 91        | 65.51   | 53.2719 |
| 2009 | 6     | 12  | 11   | 14     | 57     | 0.3       | 1.3     | 0.95  | 89.8      | 65.351  | 52.4497 |
| 2009 | 6     | 12  | 11   | 24     | 57     | 0.3       | 1.3     | 0.93  | 89.2      | 65.351  | 51.4878 |
| 2009 | 6     | 12  | 11   | 34     | 57     | 0.3       | 1.3     | 0.99  | 89.6      | 65.351  | 53.7723 |
| 2009 | 6     | 12  | 11   | 44     | 57     | 0.3       | 1.3     | 0.94  | 90.8      | 65.351  | 52.089  |
| 2009 | 6     | 12  | 11   | 54     | 57     | 0.3       | 1.3     | 0.92  | 89        | 65.351  | 51.2474 |
| 2009 | 6     | 12  | 12   | 4      | 57     | 0.3       | 1.3     | 0.95  | 91        | 65.351  | 52.4497 |
| 2009 | 6     | 12  | 12   | 14     | 57     | 0.3       | 1.3     | 0.97  | 89.4      | 65.351  | 53.0509 |
| 2009 | 6     | 12  | 12   | 24     | 57     | 0.3       | 1.3     | 0.93  | 87.6      | 65.351  | 51.6081 |
| 2009 | 6     | 12  | 12   | 34     | 57     | 0.3       | 1.3     | 0.98  | 88.5      | 65.351  | 53.5318 |
| 2009 | 6     | 12  | 12   | 44     | 57     | 0.3       | 1.3     | 0.93  | 88.2      | 65.1921 | 51.5098 |
| 2009 | 6     | 12  | 12   | 54     | 57     | 0.3       | 1.3     | 0.94  | 87.2      | 65.351  | 51.8485 |
| 2009 | 6     | 12  | 13   | 4      | 57     | 0.3       | 1.3     | 0.97  | 89.8      | 65.1921 | 53.1903 |
| 2009 | 6     | 12  | 13   | 14     | 57     | 0.3       | 1.3     | 0.99  | 87.3      | 65.1921 | 53.5505 |
| 2009 | 6     | 12  | 13   | 24     | 57     | 0.3       | 1.3     | 0.95  | 89        | 65.1921 | 52.3501 |
| 2009 | 6     | 12  | 13   | 34     | 57     | 0.3       | 1.3     | 0.94  | 91        | 65.1921 | 51.7499 |
| 2009 | 6     | 12  | 13   | 44     | 57     | 0.3       | 1.3     | 0.91  | 88.8      | 65.1921 | 50.6695 |
| 2009 | 6     | 12  | 13   | 54     | 57     | 0.3       | 1.3     | 0.93  | 88.2      | 65.0333 | 51.2916 |
| 2009 | 6     | 12  | 14   | 4      | 57     | 0.3       | 1.3     | 0.96  | 88.2      | 65.1921 | 52.5901 |
| 2009 | 6     | 12  | 14   | 14     | 57     | 0.3       | 1.3     | 0.88  | 90        | 65.0333 | 49.4939 |
| 2009 | 6     | 12  | 14   | 24     | 57     | 0.3       | 1.3     | 0.97  | 85.3      | 65.0333 | 52.7297 |
| 2009 | 6     | 12  | 14   | 34     | 57     | 0.3       | 1.3     | 0.9   | 89.4      | 65.0333 | 50.3328 |
| 2009 | 6     | 12  | 14   | 44     | 57     | 0.3       | 1.3     | 0.93  | 90.4      | 64.8745 | 51.313  |
| 2009 | 6     | 12  | 14   | 54     | 57     | 0.3       | 1.3     | 0.94  | 86.2      | 64.8745 | 51.7916 |
| 2009 | 6     | 12  | 15   | 4      | 57     | 0.3       | 1.3     | 0.94  | 87.6      | 64.7159 | 51.4534 |
| 2009 | 6     | 12  | 15   | 14     | 57     | 0.3       | 1.3     | 0.95  | 90.8      | 64.7159 | 52.0507 |
| 2009 | 6     | 12  | 15   | 24     | 57     | 0.3       | 1.3     | 0.93  | 90        | 64.7159 | 51.2145 |
| 2009 | 6     | 12  | 15   | 34     | 57     | 0.3       | 1.3     | 0.87  | 88.1      | 64.8745 | 49.279  |
| 2009 | 6     | 12  | 15   | 44     | 57     | 0.3       | 1.3     | 0.92  | 88.4      | 64.7159 | 50.7367 |
| 2009 | 6     | 12  | 15   | 54     | 57     | 0.3       | 1.3     | 0.93  | 88.2      | 64.7159 | 51.334  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 12  | 16   | 4      | 57     | 0.3       | 1.3     | 0.96  | 88.8      | 64.5573 | 52.4277 |
| 2009 | 6     | 12  | 16   | 14     | 57     | 0.3       | 1.3     | 0.93  | 89        | 64.5573 | 51.116  |
| 2009 | 6     | 12  | 16   | 24     | 57     | 0.3       | 1.3     | 0.96  | 88.6      | 64.7159 | 52.409  |
| 2009 | 6     | 12  | 16   | 34     | 57     | 0.3       | 1.3     | 0.94  | 89.4      | 64.7159 | 51.4534 |
| 2009 | 6     | 12  | 16   | 44     | 57     | 0.3       | 1.3     | 0.97  | 86.3      | 64.7159 | 52.6479 |
| 2009 | 6     | 12  | 16   | 54     | 57     | 0.3       | 1.3     | 0.95  | 85        | 64.5573 | 51.7122 |
| 2009 | 6     | 12  | 17   | 4      | 57     | 0.3       | 1.3     | 0.97  | 89.2      | 64.7159 | 52.7674 |
| 2009 | 6     | 12  | 17   | 14     | 57     | 0.3       | 1.3     | 0.92  | 90        | 64.7159 | 50.7367 |
| 2009 | 6     | 12  | 17   | 24     | 57     | 0.3       | 1.3     | 0.98  | 91.9      | 64.7159 | 53.0063 |
| 2009 | 6     | 12  | 17   | 34     | 57     | 0.3       | 1.3     | 0.91  | 88.8      | 64.7159 | 50.4978 |
| 2009 | 6     | 12  | 17   | 44     | 57     | 0.3       | 1.3     | 0.93  | 88.6      | 64.7159 | 51.2145 |
| 2009 | 6     | 12  | 17   | 54     | 57     | 0.3       | 1.3     | 0.86  | 91.7      | 64.8745 | 48.8004 |
| 2009 | 6     | 12  | 18   | 4      | 57     | 0.3       | 1.3     | 0.96  | 88.4      | 64.8745 | 52.3898 |
| 2009 | 6     | 12  | 18   | 14     | 57     | 0.3       | 1.3     | 1.01  | 89.1      | 64.8745 | 54.4238 |
| 2009 | 6     | 12  | 18   | 24     | 57     | 0.3       | 1.3     | 1.02  | 90.2      | 64.8745 | 54.6631 |
| 2009 | 6     | 12  | 18   | 34     | 57     | 0.3       | 1.3     | 0.92  | 87.1      | 64.8745 | 50.9541 |
| 2009 | 6     | 12  | 18   | 44     | 57     | 0.3       | 1.3     | 0.83  | 87.3      | 64.8745 | 47.7236 |
| 2009 | 6     | 12  | 18   | 54     | 57     | 0.3       | 1.3     | 0.98  | 88.5      | 64.8745 | 53.347  |
| 2009 | 6     | 12  | 19   | 4      | 57     | 0.3       | 1.3     | 0.98  | 87.1      | 65.0333 | 53.0892 |
| 2009 | 6     | 12  | 19   | 14     | 57     | 0.3       | 1.3     | 0.94  | 91.8      | 64.8745 | 51.5523 |
| 2009 | 6     | 12  | 19   | 24     | 57     | 0.3       | 1.3     | 0.95  | 88        | 65.0333 | 52.2503 |
| 2009 | 6     | 12  | 19   | 34     | 57     | 0.3       | 1.3     | 0.92  | 91.4      | 65.0333 | 50.932  |
| 2009 | 6     | 12  | 19   | 44     | 57     | 0.3       | 1.3     | 0.95  | 94.2      | 65.0333 | 52.1305 |
| 2009 | 6     | 12  | 19   | 54     | 57     | 0.3       | 1.3     | 0.98  | 89        | 65.0333 | 53.4487 |
| 2009 | 6     | 12  | 20   | 4      | 57     | 0.3       | 1.3     | 0.94  | 89.4      | 65.0333 | 51.8908 |
| 2009 | 6     | 12  | 20   | 14     | 57     | 0.3       | 1.3     | 0.94  | 89.2      | 65.0333 | 51.6511 |
| 2009 | 6     | 12  | 20   | 24     | 57     | 0.3       | 1.3     | 0.95  | 90        | 65.0333 | 52.2503 |
| 2009 | 6     | 12  | 20   | 34     | 57     | 0.3       | 1.3     | 0.99  | 88.3      | 65.0333 | 53.6884 |
| 2009 | 6     | 12  | 20   | 44     | 57     | 0.3       | 1.3     | 0.89  | 93.4      | 65.0333 | 49.9733 |
| 2009 | 6     | 12  | 20   | 54     | 57     | 0.3       | 1.3     | 1.03  | 86.5      | 65.0333 | 54.8869 |
| 2009 | 6     | 12  | 21   | 4      | 57     | 0.3       | 1.3     | 0.94  | 90.2      | 65.0333 | 52.0106 |
| 2009 | 6     | 12  | 21   | 14     | 57     | 0.3       | 1.3     | 0.94  | 91.8      | 65.1921 | 51.8699 |
| 2009 | 6     | 12  | 21   | 24     | 57     | 0.3       | 1.3     | 1     | 88.9      | 65.1921 | 54.2707 |
| 2009 | 6     | 12  | 21   | 34     | 57     | 0.3       | 1.3     | 1     | 88.5      | 65.1921 | 54.2707 |
| 2009 | 6     | 12  | 21   | 44     | 57     | 0.3       | 1.3     | 0.96  | 92.3      | 65.0333 | 52.6098 |
| 2009 | 6     | 12  | 21   | 54     | 57     | 0.3       | 1.3     | 0.96  | 91        | 65.0333 | 52.6098 |
| 2009 | 6     | 12  | 22   | 4      | 57     | 0.3       | 1.3     | 0.92  | 89.8      | 65.1921 | 51.1497 |
| 2009 | 6     | 12  | 22   | 14     | 57     | 0.3       | 1.3     | 0.94  | 90.4      | 65.1921 | 51.7499 |
| 2009 | 6     | 12  | 22   | 24     | 57     | 0.3       | 1.3     | 0.94  | 90.6      | 65.1921 | 51.8699 |
| 2009 | 6     | 12  | 22   | 34     | 57     | 0.3       | 1.3     | 0.99  | 90        | 65.1921 | 53.6705 |
| 2009 | 6     | 12  | 22   | 44     | 57     | 0.3       | 1.3     | 0.96  | 86.5      | 65.1921 | 52.7102 |
| 2009 | 6     | 12  | 22   | 54     | 57     | 0.3       | 1.3     | 1.04  | 89.6      | 65.1921 | 55.4711 |
| 2009 | 6     | 12  | 23   | 4      | 57     | 0.3       | 1.3     | 0.93  | 91.6      | 65.1921 | 51.6298 |
| 2009 | 6     | 12  | 23   | 14     | 57     | 0.3       | 1.3     | 0.96  | 87.6      | 65.1921 | 52.5901 |
| 2009 | 6     | 12  | 23   | 24     | 57     | 0.3       | 1.3     | 0.94  | 89.8      | 65.1921 | 51.8699 |
| 2009 | 6     | 12  | 23   | 34     | 57     | 0.3       | 1.3     | 0.93  | 90        | 65.1921 | 51.5098 |
| 2009 | 6     | 12  | 23   | 44     | 57     | 0.3       | 1.3     | 1.01  | 90.9      | 65.1921 | 54.3907 |
| 2009 | 6     | 12  | 23   | 54     | 57     | 0.3       | 1.3     | 0.98  | 93.5      | 65.1921 | 53.1903 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 13  | 0    | 4      | 57     | 0.3       | 1.3     | 1.02  | 89.6      | 65.1921 | 54.7509 |
| 2009 | 6     | 13  | 0    | 14     | 57     | 0.3       | 1.3     | 0.99  | 89.6      | 65.1921 | 53.9106 |
| 2009 | 6     | 13  | 0    | 24     | 57     | 0.3       | 1.3     | 0.99  | 89.8      | 65.1921 | 53.6705 |
| 2009 | 6     | 13  | 0    | 34     | 57     | 0.3       | 1.3     | 0.95  | 88.4      | 65.1921 | 52.11   |
| 2009 | 6     | 13  | 0    | 44     | 57     | 0.3       | 1.3     | 0.9   | 90.4      | 65.1921 | 50.4294 |
| 2009 | 6     | 13  | 0    | 54     | 57     | 0.3       | 1.3     | 1.05  | 89.6      | 65.1921 | 56.0713 |
| 2009 | 6     | 13  | 1    | 4      | 57     | 0.3       | 1.3     | 1.03  | 90.7      | 65.1921 | 55.111  |
| 2009 | 6     | 13  | 1    | 14     | 57     | 0.3       | 1.3     | 0.97  | 86.7      | 65.1921 | 53.0703 |
| 2009 | 6     | 13  | 1    | 24     | 57     | 0.3       | 1.3     | 0.98  | 90        | 65.1921 | 53.4304 |
| 2009 | 6     | 13  | 1    | 34     | 57     | 0.3       | 1.3     | 0.99  | 90.4      | 65.1921 | 53.6705 |
| 2009 | 6     | 13  | 1    | 44     | 57     | 0.3       | 1.3     | 0.95  | 88.2      | 65.1921 | 52.3501 |
| 2009 | 6     | 13  | 1    | 54     | 57     | 0.3       | 1.3     | 0.97  | 86.5      | 65.1921 | 53.0703 |
| 2009 | 6     | 13  | 2    | 4      | 57     | 0.3       | 1.3     | 1     | 90        | 65.1921 | 54.2707 |
| 2009 | 6     | 13  | 2    | 14     | 57     | 0.3       | 1.3     | 0.9   | 91.5      | 65.1921 | 50.5495 |
| 2009 | 6     | 13  | 2    | 24     | 57     | 0.3       | 1.3     | 0.99  | 88.9      | 65.1921 | 53.6705 |
| 2009 | 6     | 13  | 2    | 34     | 57     | 0.3       | 1.3     | 0.98  | 88.3      | 65.1921 | 53.4304 |
| 2009 | 6     | 13  | 2    | 44     | 57     | 0.3       | 1.3     | 1.01  | 88.5      | 65.1921 | 54.3907 |
| 2009 | 6     | 13  | 2    | 54     | 57     | 0.3       | 1.3     | 0.95  | 87.6      | 65.1921 | 52.11   |
| 2009 | 6     | 13  | 3    | 4      | 57     | 0.3       | 1.3     | 0.95  | 90.8      | 65.1921 | 52.3501 |
| 2009 | 6     | 13  | 3    | 14     | 57     | 0.3       | 1.3     | 0.94  | 90.4      | 65.1921 | 51.7499 |
| 2009 | 6     | 13  | 3    | 24     | 57     | 0.3       | 1.3     | 0.92  | 87.7      | 65.1921 | 51.0296 |
| 2009 | 6     | 13  | 3    | 34     | 57     | 0.3       | 1.3     | 0.97  | 89.8      | 65.1921 | 53.0703 |
| 2009 | 6     | 13  | 3    | 44     | 57     | 0.3       | 1.3     | 0.87  | 88.7      | 65.1921 | 49.229  |
| 2009 | 6     | 13  | 3    | 54     | 57     | 0.3       | 1.3     | 0.91  | 91        | 65.1921 | 50.9096 |
| 2009 | 6     | 13  | 4    | 4      | 57     | 0.3       | 1.3     | 0.94  | 93.4      | 65.1921 | 51.7499 |
| 2009 | 6     | 13  | 4    | 14     | 57     | 0.3       | 1.3     | 0.94  | 90        | 65.1921 | 51.9899 |
| 2009 | 6     | 13  | 4    | 24     | 57     | 0.3       | 1.3     | 0.97  | 88.3      | 65.1921 | 52.9503 |
| 2009 | 6     | 13  | 4    | 34     | 57     | 0.3       | 1.3     | 0.98  | 88.9      | 65.351  | 53.5318 |
| 2009 | 6     | 13  | 4    | 44     | 57     | 0.3       | 1.3     | 0.9   | 90.4      | 65.1921 | 50.3094 |
| 2009 | 6     | 13  | 4    | 54     | 57     | 0.3       | 1.3     | 0.99  | 91.3      | 65.351  | 53.7723 |
| 2009 | 6     | 13  | 5    | 4      | 57     | 0.3       | 1.3     | 0.97  | 91        | 65.1921 | 53.0703 |
| 2009 | 6     | 13  | 5    | 14     | 57     | 0.3       | 1.3     | 0.92  | 90        | 65.1921 | 51.1497 |
| 2009 | 6     | 13  | 5    | 24     | 57     | 0.3       | 1.3     | 0.95  | 90.6      | 65.1921 | 52.4701 |
| 2009 | 6     | 13  | 5    | 34     | 57     | 0.3       | 1.3     | 0.94  | 86.4      | 65.1921 | 51.7499 |
| 2009 | 6     | 13  | 5    | 44     | 57     | 0.3       | 1.3     | 0.91  | 87.3      | 65.1921 | 50.7895 |
| 2009 | 6     | 13  | 5    | 54     | 57     | 0.3       | 1.3     | 0.95  | 89        | 65.1921 | 52.3501 |
| 2009 | 6     | 13  | 6    | 4      | 57     | 0.3       | 1.3     | 1     | 89.6      | 65.1921 | 54.2707 |
| 2009 | 6     | 13  | 6    | 14     | 57     | 0.3       | 1.3     | 0.97  | 87.3      | 65.1921 | 52.8302 |
| 2009 | 6     | 13  | 6    | 24     | 57     | 0.3       | 1.3     | 0.95  | 90        | 65.1921 | 52.3501 |
| 2009 | 6     | 13  | 6    | 34     | 57     | 0.3       | 1.3     | 0.92  | 91.2      | 65.1921 | 51.0296 |
| 2009 | 6     | 13  | 6    | 44     | 57     | 0.3       | 1.3     | 0.91  | 89.2      | 65.1921 | 50.7895 |
| 2009 | 6     | 13  | 6    | 54     | 57     | 0.3       | 1.3     | 1.01  | 89.8      | 65.1921 | 54.3907 |
| 2009 | 6     | 13  | 7    | 4      | 57     | 0.3       | 1.3     | 0.95  | 90.4      | 65.1921 | 52.4701 |
| 2009 | 6     | 13  | 7    | 14     | 57     | 0.3       | 1.3     | 0.95  | 87.6      | 65.1921 | 52.11   |
| 2009 | 6     | 13  | 7    | 24     | 57     | 0.3       | 1.3     | 0.96  | 93.9      | 65.1921 | 52.7102 |
| 2009 | 6     | 13  | 7    | 34     | 57     | 0.3       | 1.3     | 0.95  | 87.6      | 65.1921 | 52.3501 |
| 2009 | 6     | 13  | 7    | 44     | 57     | 0.3       | 1.3     | 0.94  | 90.8      | 65.1921 | 51.8699 |
| 2009 | 6     | 13  | 7    | 54     | 57     | 0.3       | 1.3     | 0.95  | 90.6      | 65.1921 | 52.23   |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 13  | 8    | 4      | 57     | 0.3       | 1.3     | 0.9   | 93.5      | 65.1921 | 50.5495 |
| 2009 | 6     | 13  | 8    | 14     | 57     | 0.3       | 1.3     | 0.94  | 87.6      | 65.1921 | 51.7499 |
| 2009 | 6     | 13  | 8    | 24     | 57     | 0.3       | 1.3     | 0.93  | 91.2      | 65.1921 | 51.6298 |
| 2009 | 6     | 13  | 8    | 34     | 57     | 0.3       | 1.3     | 0.92  | 88.4      | 65.1921 | 51.2697 |
| 2009 | 6     | 13  | 8    | 44     | 57     | 0.3       | 1.3     | 0.95  | 91.8      | 65.1921 | 52.23   |
| 2009 | 6     | 13  | 8    | 54     | 57     | 0.3       | 1.3     | 0.96  | 88.6      | 65.1921 | 52.7102 |
| 2009 | 6     | 13  | 9    | 4      | 57     | 0.3       | 1.3     | 0.94  | 90.8      | 65.1921 | 51.7499 |
| 2009 | 6     | 13  | 9    | 14     | 57     | 0.3       | 1.3     | 0.93  | 89.6      | 65.1921 | 51.6298 |
| 2009 | 6     | 13  | 9    | 24     | 57     | 0.3       | 1.3     | 0.97  | 93.5      | 65.0333 | 52.7297 |
| 2009 | 6     | 13  | 9    | 34     | 57     | 0.3       | 1.3     | 0.95  | 92.6      | 65.1921 | 52.3501 |
| 2009 | 6     | 13  | 9    | 44     | 57     | 0.3       | 1.3     | 0.95  | 86.2      | 65.1921 | 52.11   |
| 2009 | 6     | 13  | 9    | 54     | 57     | 0.3       | 1.3     | 0.97  | 91.4      | 65.351  | 53.2914 |
| 2009 | 6     | 13  | 10   | 4      | 57     | 0.3       | 1.3     | 0.94  | 89.6      | 65.1921 | 51.8699 |
| 2009 | 6     | 13  | 10   | 14     | 57     | 0.3       | 1.3     | 1.02  | 90.7      | 65.351  | 54.8544 |
| 2009 | 6     | 13  | 10   | 24     | 57     | 0.3       | 1.3     | 1.03  | 92        | 65.351  | 55.2151 |
| 2009 | 6     | 13  | 10   | 34     | 57     | 0.3       | 1.3     | 0.96  | 89.2      | 65.351  | 52.8104 |
| 2009 | 6     | 13  | 10   | 44     | 57     | 0.3       | 1.3     | 0.91  | 91.5      | 65.351  | 50.7664 |
| 2009 | 6     | 13  | 10   | 54     | 57     | 0.3       | 1.3     | 0.95  | 88.2      | 65.351  | 52.3295 |
| 2009 | 6     | 13  | 11   | 4      | 57     | 0.3       | 1.3     | 0.84  | 90.7      | 65.351  | 48.4819 |
| 2009 | 6     | 13  | 11   | 14     | 57     | 0.3       | 1.3     | 0.98  | 90.2      | 65.351  | 53.6521 |
| 2009 | 6     | 13  | 11   | 24     | 57     | 0.3       | 1.3     | 0.89  | 90.2      | 65.351  | 50.1652 |
| 2009 | 6     | 13  | 11   | 34     | 57     | 0.3       | 1.3     | 0.94  | 89.8      | 65.351  | 51.8485 |
| 2009 | 6     | 13  | 11   | 44     | 57     | 0.3       | 1.3     | 0.97  | 93.9      | 65.351  | 53.1711 |
| 2009 | 6     | 13  | 11   | 54     | 57     | 0.3       | 1.3     | 0.95  | 90.2      | 65.351  | 52.57   |
| 2009 | 6     | 13  | 12   | 4      | 57     | 0.3       | 1.3     | 0.89  | 90.2      | 65.351  | 50.2855 |
| 2009 | 6     | 13  | 12   | 14     | 57     | 0.3       | 1.3     | 0.93  | 89        | 65.351  | 51.4878 |
| 2009 | 6     | 13  | 12   | 24     | 57     | 0.3       | 1.3     | 0.94  | 86        | 65.1921 | 51.9899 |
| 2009 | 6     | 13  | 12   | 34     | 57     | 0.3       | 1.3     | 0.88  | 92.8      | 65.1921 | 49.8292 |
| 2009 | 6     | 13  | 12   | 44     | 57     | 0.3       | 1.3     | 0.86  | 93.3      | 65.1921 | 49.109  |
| 2009 | 6     | 13  | 12   | 54     | 57     | 0.3       | 1.3     | 0.86  | 92.8      | 65.1921 | 49.109  |
| 2009 | 6     | 13  | 13   | 4      | 57     | 0.3       | 1.3     | 0.89  | 88.5      | 65.1921 | 50.1894 |
| 2009 | 6     | 13  | 13   | 14     | 57     | 0.3       | 1.3     | 0.99  | 90        | 65.351  | 53.7723 |
| 2009 | 6     | 13  | 13   | 24     | 57     | 0.3       | 1.3     | 0.92  | 89.2      | 65.1921 | 51.1497 |
| 2009 | 6     | 13  | 13   | 34     | 57     | 0.3       | 1.3     | 0.95  | 88.2      | 65.1921 | 52.23   |
| 2009 | 6     | 13  | 13   | 44     | 57     | 0.3       | 1.3     | 0.99  | 87.3      | 65.1921 | 53.7905 |
| 2009 | 6     | 13  | 13   | 54     | 57     | 0.3       | 1.3     | 0.94  | 90.8      | 65.1921 | 51.7499 |
| 2009 | 6     | 13  | 14   | 4      | 57     | 0.3       | 1.3     | 0.93  | 88.2      | 65.1921 | 51.5098 |
| 2009 | 6     | 13  | 14   | 14     | 57     | 0.3       | 1.3     | 0.87  | 91.5      | 65.1921 | 49.229  |
| 2009 | 6     | 13  | 14   | 24     | 57     | 0.3       | 1.3     | 0.91  | 89.8      | 65.1921 | 50.9096 |
| 2009 | 6     | 13  | 14   | 34     | 57     | 0.3       | 1.3     | 0.92  | 88.8      | 65.1921 | 51.0296 |
| 2009 | 6     | 13  | 14   | 44     | 57     | 0.3       | 1.3     | 0.96  | 90        | 65.0333 | 52.7297 |
| 2009 | 6     | 13  | 14   | 54     | 57     | 0.3       | 1.3     | 0.94  | 89.4      | 65.0333 | 51.771  |
| 2009 | 6     | 13  | 15   | 4      | 57     | 0.3       | 1.3     | 0.88  | 91.9      | 65.1921 | 49.8292 |
| 2009 | 6     | 13  | 15   | 14     | 57     | 0.3       | 1.3     | 0.98  | 92.7      | 65.0333 | 53.2091 |
| 2009 | 6     | 13  | 15   | 24     | 57     | 0.3       | 1.3     | 0.88  | 88.5      | 65.0333 | 49.7336 |
| 2009 | 6     | 13  | 15   | 34     | 57     | 0.3       | 1.3     | 0.93  | 92.2      | 65.0333 | 51.4114 |
| 2009 | 6     | 13  | 15   | 44     | 57     | 0.3       | 1.3     | 0.9   | 95        | 65.1921 | 50.4294 |
| 2009 | 6     | 13  | 15   | 54     | 57     | 0.3       | 1.3     | 0.93  | 92        | 65.0333 | 51.2916 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 13  | 16   | 4      | 57     | 0.3       | 1.3     | 0.95  | 89.6      | 64.8745 | 52.1505 |
| 2009 | 6     | 13  | 16   | 14     | 57     | 0.3       | 1.3     | 0.91  | 92.9      | 64.8745 | 50.4755 |
| 2009 | 6     | 13  | 16   | 24     | 57     | 0.3       | 1.3     | 0.95  | 85.1      | 65.0333 | 52.2503 |
| 2009 | 6     | 13  | 16   | 34     | 57     | 0.3       | 1.3     | 0.94  | 88.6      | 65.0333 | 51.6511 |
| 2009 | 6     | 13  | 16   | 44     | 57     | 0.3       | 1.3     | 0.88  | 90.4      | 65.0333 | 49.4939 |
| 2009 | 6     | 13  | 16   | 54     | 57     | 0.3       | 1.3     | 0.87  | 90.6      | 65.0333 | 49.3741 |
| 2009 | 6     | 13  | 17   | 4      | 57     | 0.3       | 1.3     | 0.94  | 93.8      | 65.0333 | 51.771  |
| 2009 | 6     | 13  | 17   | 14     | 57     | 0.3       | 1.3     | 0.96  | 91.4      | 64.8745 | 52.5095 |
| 2009 | 6     | 13  | 17   | 24     | 57     | 0.3       | 1.3     | 0.96  | 92.6      | 64.8745 | 52.2702 |
| 2009 | 6     | 13  | 17   | 34     | 57     | 0.3       | 1.3     | 0.94  | 87.8      | 64.8745 | 51.6719 |
| 2009 | 6     | 13  | 17   | 44     | 57     | 0.3       | 1.3     | 0.97  | 90.4      | 64.7159 | 52.7674 |
| 2009 | 6     | 13  | 17   | 54     | 57     | 0.3       | 1.3     | 1.01  | 88.9      | 64.8745 | 54.1845 |
| 2009 | 6     | 13  | 18   | 4      | 57     | 0.3       | 1.3     | 0.95  | 90.4      | 65.0333 | 52.1305 |
| 2009 | 6     | 13  | 18   | 14     | 57     | 0.3       | 1.3     | 1.04  | 88.6      | 65.0333 | 55.6059 |
| 2009 | 6     | 13  | 18   | 24     | 57     | 0.3       | 1.3     | 0.93  | 93.4      | 65.0333 | 51.4114 |
| 2009 | 6     | 13  | 18   | 34     | 57     | 0.3       | 1.3     | 0.99  | 92.3      | 65.0333 | 53.5686 |
| 2009 | 6     | 13  | 18   | 44     | 57     | 0.3       | 1.3     | 0.94  | 90.4      | 64.8745 | 51.9112 |
| 2009 | 6     | 13  | 18   | 54     | 57     | 0.3       | 1.3     | 0.9   | 91        | 65.0333 | 50.3328 |
| 2009 | 6     | 13  | 19   | 4      | 57     | 0.3       | 1.3     | 0.93  | 89.8      | 65.0333 | 51.5313 |
| 2009 | 6     | 13  | 19   | 14     | 57     | 0.3       | 1.3     | 0.97  | 92.7      | 64.7159 | 52.5285 |
| 2009 | 6     | 13  | 19   | 24     | 57     | 0.3       | 1.3     | 0.93  | 89.2      | 64.8745 | 51.313  |
| 2009 | 6     | 13  | 19   | 34     | 57     | 0.3       | 1.3     | 1.01  | 88.7      | 64.8745 | 54.1845 |
| 2009 | 6     | 13  | 19   | 44     | 57     | 0.3       | 1.3     | 0.84  | 92.9      | 65.0333 | 48.0558 |
| 2009 | 6     | 13  | 19   | 54     | 57     | 0.3       | 1.3     | 0.91  | 90.6      | 65.0333 | 50.6924 |
| 2009 | 6     | 13  | 20   | 4      | 57     | 0.3       | 1.3     | 0.89  | 94        | 65.1921 | 49.9493 |
| 2009 | 6     | 13  | 20   | 14     | 57     | 0.3       | 1.3     | 0.93  | 90        | 65.1921 | 51.6298 |
| 2009 | 6     | 13  | 20   | 24     | 57     | 0.3       | 1.3     | 0.92  | 88.4      | 65.1921 | 51.1497 |
| 2009 | 6     | 13  | 20   | 34     | 57     | 0.3       | 1.3     | 0.93  | 93.8      | 65.1921 | 51.6298 |
| 2009 | 6     | 13  | 20   | 44     | 57     | 0.3       | 1.3     | 0.87  | 90.4      | 65.1921 | 49.4691 |
| 2009 | 6     | 13  | 20   | 54     | 57     | 0.3       | 1.3     | 0.94  | 89        | 65.1921 | 51.8699 |
| 2009 | 6     | 13  | 21   | 4      | 57     | 0.3       | 1.3     | 0.94  | 89.4      | 65.1921 | 51.8699 |
| 2009 | 6     | 13  | 21   | 14     | 57     | 0.3       | 1.3     | 0.94  | 91.8      | 65.1921 | 51.8699 |
| 2009 | 6     | 13  | 21   | 24     | 57     | 0.3       | 1.3     | 0.94  | 88        | 65.1921 | 51.7499 |
| 2009 | 6     | 13  | 21   | 34     | 57     | 0.3       | 1.3     | 0.91  | 88.3      | 65.1921 | 50.6695 |
| 2009 | 6     | 13  | 21   | 44     | 57     | 0.3       | 1.3     | 0.93  | 90        | 65.1921 | 51.6298 |
| 2009 | 6     | 13  | 21   | 54     | 57     | 0.3       | 1.3     | 1     | 92.6      | 65.1921 | 53.9106 |
| 2009 | 6     | 13  | 22   | 4      | 57     | 0.3       | 1.3     | 0.93  | 93        | 65.1921 | 51.6298 |
| 2009 | 6     | 13  | 22   | 14     | 57     | 0.3       | 1.3     | 0.99  | 90.2      | 65.1921 | 53.7905 |
| 2009 | 6     | 13  | 22   | 24     | 57     | 0.3       | 1.3     | 0.99  | 87.7      | 65.351  | 53.6521 |
| 2009 | 6     | 13  | 22   | 34     | 57     | 0.3       | 1.3     | 0.93  | 88.6      | 65.351  | 51.4878 |
| 2009 | 6     | 13  | 22   | 44     | 57     | 0.3       | 1.3     | 0.95  | 89.2      | 65.351  | 52.3295 |
| 2009 | 6     | 13  | 22   | 54     | 57     | 0.3       | 1.3     | 0.99  | 88.5      | 65.351  | 53.7723 |
| 2009 | 6     | 13  | 23   | 4      | 57     | 0.3       | 1.3     | 0.9   | 89        | 65.351  | 50.6462 |
| 2009 | 6     | 13  | 23   | 14     | 57     | 0.3       | 1.3     | 0.99  | 91.7      | 65.1921 | 53.7905 |
| 2009 | 6     | 13  | 23   | 24     | 57     | 0.3       | 1.3     | 0.97  | 92.1      | 65.51   | 53.2719 |
| 2009 | 6     | 13  | 23   | 34     | 57     | 0.3       | 1.3     | 0.92  | 91        | 65.351  | 51.2474 |
| 2009 | 6     | 13  | 23   | 44     | 57     | 0.3       | 1.3     | 0.95  | 89.2      | 65.351  | 52.3295 |
| 2009 | 6     | 13  | 23   | 54     | 57     | 0.3       | 1.3     | 0.92  | 87.1      | 65.51   | 51.4654 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 14  | 0    | 4      | 57     | 0.3       | 1.3     | 0.93  | 87        | 65.51   | 51.7063 |
| 2009 | 6     | 14  | 0    | 14     | 57     | 0.3       | 1.3     | 0.96  | 87.6      | 65.351  | 52.57   |
| 2009 | 6     | 14  | 0    | 24     | 57     | 0.3       | 1.3     | 0.93  | 92.6      | 65.6691 | 51.9251 |
| 2009 | 6     | 14  | 0    | 34     | 57     | 0.3       | 1.3     | 0.99  | 92.5      | 65.51   | 53.8741 |
| 2009 | 6     | 14  | 0    | 44     | 57     | 0.3       | 1.3     | 0.91  | 96        | 65.351  | 50.8867 |
| 2009 | 6     | 14  | 0    | 54     | 57     | 0.3       | 1.3     | 0.99  | 87.9      | 65.51   | 53.9945 |
| 2009 | 6     | 14  | 1    | 4      | 57     | 0.3       | 1.3     | 0.92  | 90.4      | 65.6691 | 51.5632 |
| 2009 | 6     | 14  | 1    | 14     | 57     | 0.3       | 1.3     | 0.94  | 90.6      | 65.6691 | 52.1664 |
| 2009 | 6     | 14  | 1    | 24     | 57     | 0.3       | 1.3     | 0.88  | 93        | 65.51   | 49.7794 |
| 2009 | 6     | 14  | 1    | 34     | 57     | 0.3       | 1.3     | 0.92  | 88        | 65.51   | 51.4654 |
| 2009 | 6     | 14  | 1    | 44     | 57     | 0.3       | 1.3     | 0.95  | 91        | 65.51   | 52.4289 |
| 2009 | 6     | 14  | 1    | 54     | 57     | 0.3       | 1.3     | 0.95  | 88.2      | 65.8283 | 52.7483 |
| 2009 | 6     | 14  | 2    | 4      | 57     | 0.3       | 1.3     | 0.96  | 89.6      | 65.6691 | 53.0107 |
| 2009 | 6     | 14  | 2    | 14     | 57     | 0.3       | 1.3     | 0.92  | 89.6      | 65.51   | 51.4654 |
| 2009 | 6     | 14  | 2    | 24     | 57     | 0.3       | 1.3     | 0.97  | 91.8      | 65.6691 | 53.1314 |
| 2009 | 6     | 14  | 2    | 34     | 57     | 0.3       | 1.3     | 0.95  | 91.8      | 65.51   | 52.5493 |
| 2009 | 6     | 14  | 2    | 44     | 57     | 0.3       | 1.3     | 0.97  | 89.6      | 65.51   | 53.2719 |
| 2009 | 6     | 14  | 2    | 54     | 57     | 0.3       | 1.3     | 0.9   | 87.9      | 65.6691 | 50.5982 |
| 2009 | 6     | 14  | 3    | 4      | 57     | 0.3       | 1.3     | 0.95  | 91.8      | 65.6691 | 52.4076 |
| 2009 | 6     | 14  | 3    | 14     | 57     | 0.3       | 1.3     | 0.98  | 90.6      | 65.6691 | 53.8551 |
| 2009 | 6     | 14  | 3    | 24     | 57     | 0.3       | 1.3     | 0.96  | 91        | 65.6691 | 52.8901 |
| 2009 | 6     | 14  | 3    | 34     | 57     | 0.3       | 1.3     | 1     | 91.5      | 65.8283 | 54.5607 |
| 2009 | 6     | 14  | 3    | 44     | 57     | 0.3       | 1.3     | 0.98  | 91.2      | 65.6691 | 53.6139 |
| 2009 | 6     | 14  | 3    | 54     | 57     | 0.3       | 1.3     | 0.96  | 91.8      | 65.8283 | 52.99   |
| 2009 | 6     | 14  | 4    | 4      | 57     | 0.3       | 1.3     | 0.92  | 91.6      | 65.9876 | 51.5166 |
| 2009 | 6     | 14  | 4    | 14     | 57     | 0.3       | 1.3     | 1     | 90.8      | 65.9876 | 54.542  |
| 2009 | 6     | 14  | 4    | 24     | 57     | 0.3       | 1.3     | 1.02  | 90.4      | 65.9876 | 55.5102 |
| 2009 | 6     | 14  | 4    | 34     | 57     | 0.3       | 1.3     | 1.02  | 92.4      | 65.8283 | 55.2856 |
| 2009 | 6     | 14  | 4    | 44     | 57     | 0.3       | 1.3     | 0.97  | 91.9      | 65.6691 | 53.1314 |
| 2009 | 6     | 14  | 4    | 54     | 57     | 0.3       | 1.3     | 0.97  | 90.8      | 65.8283 | 53.4733 |
| 2009 | 6     | 14  | 5    | 4      | 57     | 0.3       | 1.3     | 0.91  | 90        | 65.8283 | 51.0568 |
| 2009 | 6     | 14  | 5    | 14     | 57     | 0.3       | 1.3     | 0.96  | 89.2      | 65.8283 | 53.1108 |
| 2009 | 6     | 14  | 5    | 24     | 57     | 0.3       | 1.3     | 0.97  | 92.3      | 65.9876 | 53.5739 |
| 2009 | 6     | 14  | 5    | 34     | 57     | 0.3       | 1.3     | 0.94  | 88.2      | 65.9876 | 52.3637 |
| 2009 | 6     | 14  | 5    | 44     | 57     | 0.3       | 1.3     | 0.96  | 90.6      | 65.9876 | 53.0898 |
| 2009 | 6     | 14  | 5    | 54     | 57     | 0.3       | 1.3     | 0.96  | 93.9      | 65.9876 | 52.9688 |
| 2009 | 6     | 14  | 6    | 4      | 57     | 0.3       | 1.3     | 0.91  | 94.3      | 66.147  | 51.4925 |
| 2009 | 6     | 14  | 6    | 14     | 57     | 0.3       | 1.3     | 0.96  | 90.2      | 66.147  | 53.1895 |
| 2009 | 6     | 14  | 6    | 24     | 57     | 0.3       | 1.3     | 0.97  | 91.7      | 65.9876 | 53.5739 |
| 2009 | 6     | 14  | 6    | 34     | 57     | 0.3       | 1.3     | 0.95  | 93.6      | 65.9876 | 52.7267 |
| 2009 | 6     | 14  | 6    | 44     | 57     | 0.3       | 1.3     | 0.88  | 88.3      | 66.147  | 50.4016 |
| 2009 | 6     | 14  | 6    | 54     | 57     | 0.3       | 1.3     | 0.92  | 95.5      | 66.147  | 51.6138 |
| 2009 | 6     | 14  | 7    | 4      | 57     | 0.3       | 1.3     | 0.95  | 94.1      | 66.147  | 52.9471 |
| 2009 | 6     | 14  | 7    | 14     | 57     | 0.3       | 1.3     | 0.96  | 91        | 65.9876 | 53.0898 |
| 2009 | 6     | 14  | 7    | 24     | 57     | 0.3       | 1.3     | 0.96  | 88.6      | 66.147  | 53.1895 |
| 2009 | 6     | 14  | 7    | 34     | 57     | 0.3       | 1.3     | 0.98  | 92.1      | 66.147  | 53.9168 |
| 2009 | 6     | 14  | 7    | 44     | 57     | 0.3       | 1.3     | 0.92  | 90        | 66.147  | 51.6138 |
| 2009 | 6     | 14  | 7    | 54     | 57     | 0.3       | 1.3     | 0.95  | 92.6      | 66.147  | 52.8259 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 14  | 8    | 4      | 57     | 0.3       | 1.3     | 0.95  | 92.2      | 66.147  | 52.9471 |
| 2009 | 6     | 14  | 8    | 14     | 57     | 0.3       | 1.3     | 0.99  | 89.2      | 65.9876 | 54.421  |
| 2009 | 6     | 14  | 8    | 24     | 57     | 0.3       | 1.3     | 0.92  | 90        | 65.9876 | 51.7586 |
| 2009 | 6     | 14  | 8    | 34     | 57     | 0.3       | 1.3     | 0.94  | 89.2      | 65.9876 | 52.2427 |
| 2009 | 6     | 14  | 8    | 44     | 57     | 0.3       | 1.3     | 0.91  | 90.8      | 65.9876 | 51.3955 |
| 2009 | 6     | 14  | 8    | 54     | 57     | 0.3       | 1.3     | 0.92  | 91        | 65.9876 | 51.7586 |
| 2009 | 6     | 14  | 9    | 4      | 57     | 0.3       | 1.3     | 1.01  | 90        | 65.9876 | 55.0261 |
| 2009 | 6     | 14  | 9    | 14     | 57     | 0.3       | 1.3     | 0.89  | 88.1      | 65.9876 | 50.4274 |
| 2009 | 6     | 14  | 9    | 24     | 57     | 0.3       | 1.3     | 0.92  | 87.1      | 65.9876 | 51.5166 |
| 2009 | 6     | 14  | 9    | 34     | 57     | 0.3       | 1.3     | 0.97  | 92.3      | 65.9876 | 53.4529 |
| 2009 | 6     | 14  | 9    | 44     | 57     | 0.3       | 1.3     | 0.97  | 86.7      | 65.8283 | 53.3525 |
| 2009 | 6     | 14  | 9    | 54     | 57     | 0.3       | 1.3     | 0.89  | 90.4      | 65.8283 | 50.5735 |
| 2009 | 6     | 14  | 10   | 4      | 57     | 0.3       | 1.3     | 0.95  | 93.4      | 65.8283 | 52.5067 |
| 2009 | 6     | 14  | 10   | 14     | 57     | 0.3       | 1.3     | 0.99  | 91.3      | 65.8283 | 54.319  |
| 2009 | 6     | 14  | 10   | 24     | 57     | 0.3       | 1.3     | 0.94  | 89.8      | 65.8283 | 52.5067 |
| 2009 | 6     | 14  | 10   | 34     | 57     | 0.3       | 1.3     | 0.96  | 92.6      | 65.8283 | 52.8692 |
| 2009 | 6     | 14  | 10   | 44     | 57     | 0.3       | 1.3     | 0.89  | 87.2      | 65.8283 | 50.3319 |
| 2009 | 6     | 14  | 10   | 54     | 57     | 0.3       | 1.3     | 0.97  | 89.6      | 65.8283 | 53.4733 |
| 2009 | 6     | 14  | 11   | 4      | 57     | 0.3       | 1.3     | 0.99  | 92.7      | 65.8283 | 53.9566 |
| 2009 | 6     | 14  | 11   | 14     | 57     | 0.3       | 1.3     | 0.93  | 93.8      | 65.8283 | 52.0234 |
| 2009 | 6     | 14  | 11   | 24     | 57     | 0.3       | 1.3     | 0.87  | 89.1      | 65.8283 | 49.8486 |
| 2009 | 6     | 14  | 11   | 34     | 57     | 0.3       | 1.3     | 0.91  | 88.6      | 65.8283 | 51.2985 |
| 2009 | 6     | 14  | 11   | 44     | 57     | 0.3       | 1.3     | 0.96  | 87.8      | 65.8283 | 52.99   |
| 2009 | 6     | 14  | 11   | 54     | 57     | 0.3       | 1.3     | 0.9   | 90        | 65.8283 | 50.936  |
| 2009 | 6     | 14  | 12   | 4      | 57     | 0.3       | 1.3     | 0.98  | 91        | 65.8283 | 53.8358 |
| 2009 | 6     | 14  | 12   | 14     | 57     | 0.3       | 1.3     | 0.95  | 88.8      | 65.8283 | 52.7483 |
| 2009 | 6     | 14  | 12   | 24     | 57     | 0.3       | 1.3     | 0.89  | 92.1      | 65.8283 | 50.5735 |
| 2009 | 6     | 14  | 12   | 34     | 57     | 0.3       | 1.3     | 0.95  | 89.4      | 65.8283 | 52.6275 |
| 2009 | 6     | 14  | 12   | 44     | 57     | 0.3       | 1.3     | 0.89  | 89.4      | 65.8283 | 50.4527 |
| 2009 | 6     | 14  | 12   | 54     | 57     | 0.3       | 1.3     | 0.95  | 89.6      | 65.8283 | 52.8692 |
| 2009 | 6     | 14  | 13   | 4      | 57     | 0.3       | 1.3     | 0.93  | 90.2      | 65.8283 | 51.7818 |
| 2009 | 6     | 14  | 13   | 14     | 57     | 0.3       | 1.3     | 0.93  | 88.6      | 65.8283 | 51.7818 |
| 2009 | 6     | 14  | 13   | 24     | 57     | 0.3       | 1.3     | 0.97  | 88.3      | 65.8283 | 53.3525 |
| 2009 | 6     | 14  | 13   | 34     | 57     | 0.3       | 1.3     | 0.96  | 90        | 65.6691 | 53.1314 |
| 2009 | 6     | 14  | 13   | 44     | 57     | 0.3       | 1.3     | 0.9   | 86.9      | 65.8283 | 50.936  |
| 2009 | 6     | 14  | 13   | 54     | 57     | 0.3       | 1.3     | 0.96  | 89.4      | 65.6691 | 52.8901 |
| 2009 | 6     | 14  | 14   | 4      | 57     | 0.3       | 1.3     | 0.9   | 88.1      | 65.6691 | 50.8395 |
| 2009 | 6     | 14  | 14   | 14     | 57     | 0.3       | 1.3     | 0.88  | 90        | 65.6691 | 49.8744 |
| 2009 | 6     | 14  | 14   | 24     | 57     | 0.3       | 1.3     | 0.98  | 87.5      | 65.6691 | 53.4933 |
| 2009 | 6     | 14  | 14   | 34     | 57     | 0.3       | 1.3     | 0.94  | 86.6      | 65.6691 | 52.287  |
| 2009 | 6     | 14  | 14   | 44     | 57     | 0.3       | 1.3     | 0.91  | 86.1      | 65.6691 | 50.9601 |
| 2009 | 6     | 14  | 14   | 54     | 57     | 0.3       | 1.3     | 0.9   | 92.9      | 65.6691 | 50.5982 |
| 2009 | 6     | 14  | 15   | 4      | 57     | 0.3       | 1.3     | 0.95  | 88.8      | 65.6691 | 52.4076 |
| 2009 | 6     | 14  | 15   | 14     | 57     | 0.3       | 1.3     | 0.96  | 91.4      | 65.6691 | 53.0107 |
| 2009 | 6     | 14  | 15   | 24     | 57     | 0.3       | 1.3     | 0.91  | 83.6      | 65.6691 | 50.9601 |
| 2009 | 6     | 14  | 15   | 34     | 57     | 0.3       | 1.3     | 0.89  | 88.7      | 65.6691 | 50.3569 |
| 2009 | 6     | 14  | 15   | 44     | 57     | 0.3       | 1.3     | 0.97  | 91.4      | 65.6691 | 53.4933 |
| 2009 | 6     | 14  | 15   | 54     | 57     | 0.3       | 1.3     | 0.93  | 88.6      | 65.6691 | 51.6838 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 14  | 16   | 4      | 57     | 0.3       | 1.3     | 0.92  | 87.1      | 65.6691 | 51.4426 |
| 2009 | 6     | 14  | 16   | 14     | 57     | 0.3       | 1.3     | 0.95  | 89.2      | 65.6691 | 52.5282 |
| 2009 | 6     | 14  | 16   | 24     | 57     | 0.3       | 1.3     | 0.97  | 90.2      | 65.6691 | 53.4933 |
| 2009 | 6     | 14  | 16   | 34     | 57     | 0.3       | 1.3     | 0.91  | 93.3      | 65.6691 | 51.0807 |
| 2009 | 6     | 14  | 16   | 44     | 57     | 0.3       | 1.3     | 0.96  | 89.8      | 65.51   | 52.7902 |
| 2009 | 6     | 14  | 16   | 54     | 57     | 0.3       | 1.3     | 0.95  | 90        | 65.51   | 52.6698 |
| 2009 | 6     | 14  | 17   | 4      | 57     | 0.3       | 1.3     | 0.93  | 88.2      | 65.51   | 51.7063 |
| 2009 | 6     | 14  | 17   | 14     | 57     | 0.3       | 1.3     | 0.99  | 89.1      | 65.51   | 54.1149 |
| 2009 | 6     | 14  | 17   | 24     | 57     | 0.3       | 1.3     | 1.01  | 89.4      | 65.51   | 54.5967 |
| 2009 | 6     | 14  | 17   | 34     | 57     | 0.3       | 1.3     | 0.92  | 91.8      | 65.51   | 51.4654 |
| 2009 | 6     | 14  | 17   | 44     | 57     | 0.3       | 1.3     | 0.95  | 89.2      | 65.51   | 52.6698 |
| 2009 | 6     | 14  | 17   | 54     | 57     | 0.3       | 1.3     | 0.98  | 91        | 65.51   | 53.5128 |
| 2009 | 6     | 14  | 18   | 4      | 57     | 0.3       | 1.3     | 0.95  | 88.4      | 65.51   | 52.4289 |
| 2009 | 6     | 14  | 18   | 14     | 57     | 0.3       | 1.3     | 0.98  | 87.7      | 65.51   | 53.6332 |
| 2009 | 6     | 14  | 18   | 24     | 57     | 0.3       | 1.3     | 1.01  | 90        | 65.51   | 54.7171 |
| 2009 | 6     | 14  | 18   | 34     | 57     | 0.3       | 1.3     | 0.99  | 89.8      | 65.51   | 53.9945 |
| 2009 | 6     | 14  | 18   | 44     | 57     | 0.3       | 1.3     | 1     | 90        | 65.51   | 54.3558 |
| 2009 | 6     | 14  | 18   | 54     | 57     | 0.3       | 1.3     | 0.95  | 91.2      | 65.51   | 52.5493 |
| 2009 | 6     | 14  | 19   | 4      | 57     | 0.3       | 1.3     | 0.91  | 86.1      | 65.51   | 50.9837 |
| 2009 | 6     | 14  | 19   | 14     | 57     | 0.3       | 1.3     | 0.88  | 91.9      | 65.51   | 49.8998 |
| 2009 | 6     | 14  | 19   | 24     | 57     | 0.3       | 1.3     | 0.99  | 88.3      | 65.51   | 53.8741 |
| 2009 | 6     | 14  | 19   | 34     | 57     | 0.3       | 1.3     | 0.93  | 85.2      | 65.51   | 51.7063 |
| 2009 | 6     | 14  | 19   | 44     | 57     | 0.3       | 1.3     | 0.97  | 89.8      | 65.51   | 53.1515 |
| 2009 | 6     | 14  | 19   | 54     | 57     | 0.3       | 1.3     | 0.96  | 87        | 65.51   | 52.6698 |
| 2009 | 6     | 14  | 20   | 4      | 57     | 0.3       | 1.3     | 0.93  | 90        | 65.51   | 51.5859 |
| 2009 | 6     | 14  | 20   | 14     | 57     | 0.3       | 1.3     | 0.96  | 92.9      | 65.51   | 52.7902 |
| 2009 | 6     | 14  | 20   | 24     | 57     | 0.3       | 1.3     | 0.98  | 90.8      | 65.51   | 53.6332 |
| 2009 | 6     | 14  | 20   | 34     | 57     | 0.3       | 1.3     | 0.92  | 90.8      | 65.51   | 51.4654 |
| 2009 | 6     | 14  | 20   | 44     | 57     | 0.3       | 1.3     | 0.94  | 91.8      | 65.51   | 52.188  |
| 2009 | 6     | 14  | 20   | 54     | 57     | 0.3       | 1.3     | 0.94  | 89.6      | 65.51   | 52.0676 |
| 2009 | 6     | 14  | 21   | 4      | 57     | 0.3       | 1.3     | 1.01  | 91.7      | 65.51   | 54.8375 |
| 2009 | 6     | 14  | 21   | 14     | 57     | 0.3       | 1.3     | 0.98  | 90        | 65.51   | 53.5128 |
| 2009 | 6     | 14  | 21   | 24     | 57     | 0.3       | 1.3     | 0.95  | 88.4      | 65.51   | 52.5493 |
| 2009 | 6     | 14  | 21   | 34     | 57     | 0.3       | 1.3     | 0.99  | 89.2      | 65.51   | 53.8741 |
| 2009 | 6     | 14  | 21   | 44     | 57     | 0.3       | 1.3     | 0.95  | 90        | 65.6691 | 52.5282 |
| 2009 | 6     | 14  | 21   | 54     | 57     | 0.3       | 1.3     | 0.99  | 90        | 65.51   | 54.1149 |
| 2009 | 6     | 14  | 22   | 4      | 57     | 0.3       | 1.3     | 0.92  | 89.2      | 65.6691 | 51.5632 |
| 2009 | 6     | 14  | 22   | 14     | 57     | 0.3       | 1.3     | 0.96  | 90        | 65.51   | 52.7902 |
| 2009 | 6     | 14  | 22   | 24     | 57     | 0.3       | 1.3     | 0.96  | 90.2      | 65.51   | 53.0311 |
| 2009 | 6     | 14  | 22   | 34     | 57     | 0.3       | 1.3     | 0.97  | 89.4      | 65.51   | 53.2719 |
| 2009 | 6     | 14  | 22   | 44     | 57     | 0.3       | 1.3     | 0.93  | 88.2      | 65.51   | 51.8267 |
| 2009 | 6     | 14  | 22   | 54     | 57     | 0.3       | 1.3     | 1.02  | 87.6      | 65.51   | 55.1988 |
| 2009 | 6     | 14  | 23   | 4      | 57     | 0.3       | 1.3     | 0.93  | 87.6      | 65.6691 | 51.6838 |
| 2009 | 6     | 14  | 23   | 14     | 57     | 0.3       | 1.3     | 0.98  | 90        | 65.6691 | 53.8551 |
| 2009 | 6     | 14  | 23   | 24     | 57     | 0.3       | 1.3     | 0.99  | 94.5      | 65.6691 | 54.0964 |
| 2009 | 6     | 14  | 23   | 34     | 57     | 0.3       | 1.3     | 0.95  | 88.8      | 65.51   | 52.4289 |
| 2009 | 6     | 14  | 23   | 44     | 57     | 0.3       | 1.3     | 0.99  | 91.3      | 65.51   | 53.9945 |
| 2009 | 6     | 14  | 23   | 54     | 57     | 0.3       | 1.3     | 0.95  | 88.8      | 65.51   | 52.6698 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 15  | 0    | 4      | 57     | 0.3       | 1.3     | 0.94  | 90.4      | 65.51   | 52.3085 |
| 2009 | 6     | 15  | 0    | 14     | 57     | 0.3       | 1.3     | 0.96  | 92.2      | 65.51   | 52.7902 |
| 2009 | 6     | 15  | 0    | 24     | 57     | 0.3       | 1.3     | 0.96  | 92.7      | 65.51   | 52.7902 |
| 2009 | 6     | 15  | 0    | 34     | 57     | 0.3       | 1.3     | 0.95  | 89        | 65.51   | 52.5493 |
| 2009 | 6     | 15  | 0    | 44     | 57     | 0.3       | 1.3     | 0.99  | 92.9      | 65.51   | 53.7536 |
| 2009 | 6     | 15  | 0    | 54     | 57     | 0.3       | 1.3     | 0.95  | 84.1      | 65.51   | 52.3085 |
| 2009 | 6     | 15  | 1    | 4      | 57     | 0.3       | 1.3     | 0.94  | 90.8      | 65.51   | 52.3085 |
| 2009 | 6     | 15  | 1    | 14     | 57     | 0.3       | 1.3     | 0.9   | 93.8      | 65.51   | 50.6224 |
| 2009 | 6     | 15  | 1    | 24     | 57     | 0.3       | 1.3     | 0.99  | 92.5      | 65.6691 | 53.8551 |
| 2009 | 6     | 15  | 1    | 34     | 57     | 0.3       | 1.3     | 0.91  | 90        | 65.51   | 50.8633 |
| 2009 | 6     | 15  | 1    | 44     | 57     | 0.3       | 1.3     | 1     | 90.8      | 65.6691 | 54.3376 |
| 2009 | 6     | 15  | 1    | 54     | 57     | 0.3       | 1.3     | 0.96  | 90.4      | 65.6691 | 52.8901 |
| 2009 | 6     | 15  | 2    | 4      | 57     | 0.3       | 1.3     | 0.98  | 90.8      | 65.6691 | 53.6139 |
| 2009 | 6     | 15  | 2    | 14     | 57     | 0.3       | 1.3     | 0.96  | 87.6      | 65.51   | 52.7902 |
| 2009 | 6     | 15  | 2    | 24     | 57     | 0.3       | 1.3     | 0.97  | 87.7      | 65.51   | 53.1515 |
| 2009 | 6     | 15  | 2    | 34     | 57     | 0.3       | 1.3     | 0.98  | 91.3      | 65.51   | 53.5128 |
| 2009 | 6     | 15  | 2    | 44     | 57     | 0.3       | 1.3     | 1     | 91.3      | 65.6691 | 54.4583 |
| 2009 | 6     | 15  | 2    | 54     | 57     | 0.3       | 1.3     | 0.97  | 91.4      | 65.51   | 53.1515 |
| 2009 | 6     | 15  | 3    | 4      | 57     | 0.3       | 1.3     | 0.95  | 91.2      | 65.51   | 52.4289 |
| 2009 | 6     | 15  | 3    | 14     | 57     | 0.3       | 1.3     | 0.95  | 90        | 65.51   | 52.5493 |
| 2009 | 6     | 15  | 3    | 24     | 57     | 0.3       | 1.3     | 0.96  | 87.6      | 65.51   | 52.6698 |
| 2009 | 6     | 15  | 3    | 34     | 57     | 0.3       | 1.3     | 0.97  | 89.2      | 65.51   | 53.2719 |
| 2009 | 6     | 15  | 3    | 44     | 57     | 0.3       | 1.3     | 0.97  | 87.9      | 65.51   | 53.2719 |
| 2009 | 6     | 15  | 3    | 54     | 57     | 0.3       | 1.3     | 0.95  | 90        | 65.51   | 52.5493 |
| 2009 | 6     | 15  | 4    | 4      | 57     | 0.3       | 1.3     | 0.97  | 90        | 65.51   | 53.2719 |
| 2009 | 6     | 15  | 4    | 14     | 57     | 0.3       | 1.3     | 0.94  | 90.4      | 65.51   | 52.3085 |
| 2009 | 6     | 15  | 4    | 24     | 57     | 0.3       | 1.3     | 0.94  | 95.2      | 65.51   | 52.0676 |
| 2009 | 6     | 15  | 4    | 34     | 57     | 0.3       | 1.3     | 0.96  | 86.7      | 65.51   | 52.9106 |
| 2009 | 6     | 15  | 4    | 44     | 57     | 0.3       | 1.3     | 0.98  | 91.7      | 65.51   | 53.5128 |
| 2009 | 6     | 15  | 4    | 54     | 57     | 0.3       | 1.3     | 0.95  | 88        | 65.51   | 52.5493 |
| 2009 | 6     | 15  | 5    | 4      | 57     | 0.3       | 1.3     | 1     | 89.8      | 65.51   | 54.2354 |
| 2009 | 6     | 15  | 5    | 14     | 57     | 0.3       | 1.3     | 0.98  | 92.1      | 65.51   | 53.6332 |
| 2009 | 6     | 15  | 5    | 24     | 57     | 0.3       | 1.3     | 0.98  | 87.3      | 65.51   | 53.6332 |
| 2009 | 6     | 15  | 5    | 34     | 57     | 0.3       | 1.3     | 0.95  | 91        | 65.51   | 52.5493 |
| 2009 | 6     | 15  | 5    | 44     | 57     | 0.3       | 1.3     | 1     | 88.3      | 65.51   | 54.2354 |
| 2009 | 6     | 15  | 5    | 54     | 57     | 0.3       | 1.3     | 0.95  | 88.6      | 65.51   | 52.5493 |
| 2009 | 6     | 15  | 6    | 4      | 57     | 0.3       | 1.3     | 0.97  | 88.4      | 65.51   | 53.1515 |
| 2009 | 6     | 15  | 6    | 14     | 57     | 0.3       | 1.3     | 0.91  | 88.1      | 65.51   | 50.9837 |
| 2009 | 6     | 15  | 6    | 24     | 57     | 0.3       | 1.3     | 0.95  | 88.8      | 65.51   | 52.5493 |
| 2009 | 6     | 15  | 6    | 34     | 57     | 0.3       | 1.3     | 0.92  | 90.8      | 65.51   | 51.345  |
| 2009 | 6     | 15  | 6    | 44     | 57     | 0.3       | 1.3     | 0.93  | 86.4      | 65.51   | 51.8267 |
| 2009 | 6     | 15  | 6    | 54     | 57     | 0.3       | 1.3     | 0.93  | 88.2      | 65.51   | 51.5859 |
| 2009 | 6     | 15  | 7    | 4      | 57     | 0.3       | 1.3     | 0.93  | 94.9      | 65.51   | 51.4654 |
| 2009 | 6     | 15  | 7    | 14     | 57     | 0.3       | 1.3     | 0.99  | 89.6      | 65.51   | 54.1149 |
| 2009 | 6     | 15  | 7    | 24     | 57     | 0.3       | 1.3     | 1.02  | 89.3      | 65.51   | 54.958  |
| 2009 | 6     | 15  | 7    | 34     | 57     | 0.3       | 1.3     | 0.99  | 90.4      | 65.51   | 54.1149 |
| 2009 | 6     | 15  | 7    | 44     | 57     | 0.3       | 1.3     | 0.9   | 86.9      | 65.51   | 50.7429 |
| 2009 | 6     | 15  | 7    | 54     | 57     | 0.3       | 1.3     | 1     | 91.7      | 65.51   | 54.4762 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 15  | 8    | 4      | 57     | 0.3       | 1.3     | 0.92  | 89.6      | 65.51   | 51.345  |
| 2009 | 6     | 15  | 8    | 14     | 57     | 0.3       | 1.3     | 0.96  | 91.6      | 65.51   | 52.7902 |
| 2009 | 6     | 15  | 8    | 24     | 57     | 0.3       | 1.3     | 0.96  | 92        | 65.51   | 52.7902 |
| 2009 | 6     | 15  | 8    | 34     | 57     | 0.3       | 1.3     | 0.99  | 87.9      | 65.51   | 53.8741 |
| 2009 | 6     | 15  | 8    | 44     | 57     | 0.3       | 1.3     | 1     | 90.9      | 65.51   | 54.4762 |
| 2009 | 6     | 15  | 8    | 54     | 57     | 0.3       | 1.3     | 0.95  | 88.2      | 65.51   | 52.4289 |
| 2009 | 6     | 15  | 9    | 4      | 57     | 0.3       | 1.3     | 0.96  | 91.4      | 65.51   | 52.7902 |
| 2009 | 6     | 15  | 9    | 14     | 57     | 0.3       | 1.3     | 0.9   | 91.7      | 65.51   | 50.502  |
| 2009 | 6     | 15  | 9    | 24     | 57     | 0.3       | 1.3     | 0.94  | 86        | 65.51   | 52.188  |
| 2009 | 6     | 15  | 9    | 34     | 57     | 0.3       | 1.3     | 0.99  | 88.3      | 65.351  | 53.8926 |
| 2009 | 6     | 15  | 9    | 44     | 57     | 0.3       | 1.3     | 0.94  | 91.4      | 65.51   | 51.9472 |
| 2009 | 6     | 15  | 9    | 54     | 57     | 0.3       | 1.3     | 1     | 88.5      | 65.51   | 54.4762 |
| 2009 | 6     | 15  | 10   | 4      | 57     | 0.3       | 1.3     | 1.02  | 90        | 65.351  | 54.8544 |
| 2009 | 6     | 15  | 10   | 14     | 57     | 0.3       | 1.3     | 0.99  | 93.4      | 65.51   | 53.8741 |
| 2009 | 6     | 15  | 10   | 24     | 57     | 0.3       | 1.3     | 1.02  | 87.2      | 65.51   | 54.958  |
| 2009 | 6     | 15  | 10   | 34     | 57     | 0.3       | 1.3     | 0.99  | 89.2      | 65.51   | 53.8741 |
| 2009 | 6     | 15  | 10   | 44     | 57     | 0.3       | 1.3     | 1     | 87.7      | 65.351  | 54.133  |
| 2009 | 6     | 15  | 10   | 54     | 57     | 0.3       | 1.3     | 0.92  | 87.1      | 65.351  | 51.1271 |
| 2009 | 6     | 15  | 11   | 4      | 57     | 0.3       | 1.3     | 0.94  | 89.2      | 65.351  | 51.8485 |
| 2009 | 6     | 15  | 11   | 14     | 57     | 0.3       | 1.3     | 0.91  | 85.2      | 65.351  | 50.6462 |
| 2009 | 6     | 15  | 11   | 24     | 57     | 0.3       | 1.3     | 0.98  | 87.1      | 65.351  | 53.4116 |
| 2009 | 6     | 15  | 11   | 34     | 57     | 0.3       | 1.3     | 0.96  | 90        | 65.351  | 52.9307 |
| 2009 | 6     | 15  | 11   | 44     | 57     | 0.3       | 1.3     | 0.95  | 84.4      | 65.351  | 52.089  |
| 2009 | 6     | 15  | 11   | 54     | 57     | 0.3       | 1.3     | 0.93  | 86.8      | 65.351  | 51.4878 |
| 2009 | 6     | 15  | 12   | 4      | 57     | 0.3       | 1.3     | 0.89  | 86        | 65.351  | 50.1652 |
| 2009 | 6     | 15  | 12   | 14     | 57     | 0.3       | 1.3     | 0.99  | 86.2      | 65.351  | 53.6521 |
| 2009 | 6     | 15  | 12   | 24     | 57     | 0.3       | 1.3     | 0.97  | 87.9      | 65.351  | 52.9307 |
| 2009 | 6     | 15  | 12   | 34     | 57     | 0.3       | 1.3     | 0.9   | 85.2      | 65.1921 | 50.1894 |
| 2009 | 6     | 15  | 12   | 44     | 57     | 0.3       | 1.3     | 0.96  | 86.1      | 65.1921 | 52.7102 |
| 2009 | 6     | 15  | 12   | 54     | 57     | 0.3       | 1.3     | 0.89  | 88.5      | 65.1921 | 50.1894 |
| 2009 | 6     | 15  | 13   | 4      | 57     | 0.3       | 1.3     | 1.01  | 86.8      | 65.1921 | 54.5108 |
| 2009 | 6     | 15  | 13   | 14     | 57     | 0.3       | 1.3     | 0.96  | 86.9      | 65.1921 | 52.4701 |
| 2009 | 6     | 15  | 13   | 24     | 57     | 0.3       | 1.3     | 0.96  | 92.7      | 65.1921 | 52.7102 |
| 2009 | 6     | 15  | 13   | 34     | 57     | 0.3       | 1.3     | 0.93  | 88        | 65.0333 | 51.2916 |
| 2009 | 6     | 15  | 13   | 44     | 57     | 0.3       | 1.3     | 1.01  | 92.1      | 65.0333 | 54.2877 |
| 2009 | 6     | 15  | 13   | 54     | 57     | 0.3       | 1.3     | 0.88  | 88.1      | 65.0333 | 49.6138 |
| 2009 | 6     | 15  | 14   | 4      | 57     | 0.3       | 1.3     | 0.98  | 87.7      | 65.0333 | 53.2091 |
| 2009 | 6     | 15  | 14   | 14     | 57     | 0.3       | 1.3     | 0.93  | 87.8      | 65.0333 | 51.2916 |
| 2009 | 6     | 15  | 14   | 24     | 57     | 0.3       | 1.3     | 0.94  | 87.2      | 65.0333 | 51.8908 |
| 2009 | 6     | 15  | 14   | 34     | 57     | 0.3       | 1.3     | 0.97  | 88.8      | 65.0333 | 53.0892 |
| 2009 | 6     | 15  | 14   | 44     | 57     | 0.3       | 1.3     | 1     | 88.5      | 65.0333 | 53.9281 |
| 2009 | 6     | 15  | 14   | 54     | 57     | 0.3       | 1.3     | 0.99  | 86.4      | 64.8745 | 53.347  |
| 2009 | 6     | 15  | 15   | 4      | 57     | 0.3       | 1.3     | 0.95  | 86.6      | 64.7159 | 51.9312 |
| 2009 | 6     | 15  | 15   | 14     | 57     | 0.3       | 1.3     | 1.08  | 87.2      | 64.8745 | 56.6971 |
| 2009 | 6     | 15  | 15   | 24     | 57     | 0.3       | 1.3     | 1     | 85.8      | 64.8745 | 53.7059 |
| 2009 | 6     | 15  | 15   | 34     | 57     | 0.3       | 1.3     | 0.96  | 86.3      | 65.0333 | 52.6098 |
| 2009 | 6     | 15  | 15   | 44     | 57     | 0.3       | 1.3     | 1.01  | 89.6      | 65.0333 | 54.2877 |
| 2009 | 6     | 15  | 15   | 54     | 57     | 0.3       | 1.3     | 0.98  | 84.8      | 64.8745 | 52.988  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 15  | 16   | 4      | 57     | 0.3       | 1.3     | 1.01  | 85.9      | 64.8745 | 54.0649 |
| 2009 | 6     | 15  | 16   | 14     | 57     | 0.3       | 1.3     | 0.98  | 87.5      | 64.8745 | 53.1077 |
| 2009 | 6     | 15  | 16   | 24     | 57     | 0.3       | 1.3     | 1.02  | 86.7      | 64.8745 | 54.6631 |
| 2009 | 6     | 15  | 16   | 34     | 57     | 0.3       | 1.3     | 1.02  | 83.3      | 64.8745 | 54.3041 |
| 2009 | 6     | 15  | 16   | 44     | 57     | 0.3       | 1.3     | 0.97  | 85.2      | 64.8745 | 52.8684 |
| 2009 | 6     | 15  | 16   | 54     | 57     | 0.3       | 1.3     | 0.98  | 84.4      | 64.8745 | 53.1077 |
| 2009 | 6     | 15  | 17   | 4      | 57     | 0.3       | 1.3     | 0.95  | 81        | 65.1921 | 51.7499 |
| 2009 | 6     | 15  | 17   | 14     | 57     | 0.3       | 1.3     | 0.97  | 88.3      | 65.1921 | 53.0703 |
| 2009 | 6     | 15  | 17   | 24     | 57     | 0.3       | 1.3     | 0.94  | 87.6      | 65.1921 | 51.7499 |
| 2009 | 6     | 15  | 17   | 34     | 57     | 0.3       | 1.3     | 1.01  | 85.2      | 65.1921 | 54.5108 |
| 2009 | 6     | 15  | 17   | 44     | 57     | 0.3       | 1.3     | 0.94  | 86.8      | 65.0333 | 51.771  |
| 2009 | 6     | 15  | 17   | 54     | 57     | 0.3       | 1.3     | 1.02  | 85.9      | 65.1921 | 54.6308 |
| 2009 | 6     | 15  | 18   | 4      | 57     | 0.3       | 1.3     | 0.91  | 84.2      | 65.1921 | 50.6695 |
| 2009 | 6     | 15  | 18   | 14     | 57     | 0.3       | 1.3     | 0.98  | 88.1      | 65.1921 | 53.4304 |
| 2009 | 6     | 15  | 18   | 24     | 57     | 0.3       | 1.3     | 0.99  | 85.3      | 65.1921 | 53.7905 |
| 2009 | 6     | 15  | 18   | 34     | 57     | 0.3       | 1.3     | 0.98  | 89.6      | 65.1921 | 53.4304 |
| 2009 | 6     | 15  | 18   | 44     | 57     | 0.3       | 1.3     | 0.88  | 83.8      | 65.1921 | 49.7092 |
| 2009 | 6     | 15  | 18   | 54     | 57     | 0.3       | 1.3     | 0.92  | 90.4      | 65.1921 | 51.0296 |
| 2009 | 6     | 15  | 19   | 4      | 57     | 0.3       | 1.3     | 0.94  | 86.6      | 65.1921 | 51.9899 |
| 2009 | 6     | 15  | 19   | 14     | 57     | 0.3       | 1.3     | 0.94  | 89.8      | 65.0333 | 52.0106 |
| 2009 | 6     | 15  | 19   | 24     | 57     | 0.3       | 1.3     | 0.93  | 88.2      | 65.0333 | 51.2916 |
| 2009 | 6     | 15  | 19   | 34     | 57     | 0.3       | 1.3     | 0.97  | 88.1      | 65.1921 | 53.1903 |
| 2009 | 6     | 15  | 19   | 44     | 57     | 0.3       | 1.3     | 0.99  | 88.3      | 65.1921 | 53.9106 |
| 2009 | 6     | 15  | 19   | 54     | 57     | 0.3       | 1.3     | 0.99  | 90.8      | 65.1921 | 53.9106 |
| 2009 | 6     | 15  | 20   | 4      | 57     | 0.3       | 1.3     | 1.02  | 88.7      | 65.0333 | 54.767  |
| 2009 | 6     | 15  | 20   | 14     | 57     | 0.3       | 1.3     | 0.97  | 87.9      | 65.0333 | 52.9694 |
| 2009 | 6     | 15  | 20   | 24     | 57     | 0.3       | 1.3     | 0.96  | 85.3      | 64.8745 | 52.3898 |
| 2009 | 6     | 15  | 20   | 34     | 57     | 0.3       | 1.3     | 0.99  | 90        | 65.0333 | 53.8083 |
| 2009 | 6     | 15  | 20   | 44     | 57     | 0.3       | 1.3     | 0.93  | 89.4      | 65.0333 | 51.5313 |
| 2009 | 6     | 15  | 20   | 54     | 57     | 0.3       | 1.3     | 0.91  | 90.6      | 64.8745 | 50.4755 |
| 2009 | 6     | 15  | 21   | 4      | 57     | 0.3       | 1.3     | 1.01  | 91.9      | 64.8745 | 54.3041 |
| 2009 | 6     | 15  | 21   | 14     | 57     | 0.3       | 1.3     | 0.94  | 89.6      | 64.8745 | 51.5523 |
| 2009 | 6     | 15  | 21   | 24     | 57     | 0.3       | 1.3     | 0.98  | 89.4      | 65.0333 | 53.4487 |
| 2009 | 6     | 15  | 21   | 34     | 57     | 0.3       | 1.3     | 0.94  | 89.2      | 64.8745 | 51.6719 |
| 2009 | 6     | 15  | 21   | 44     | 57     | 0.3       | 1.3     | 0.94  | 89.2      | 64.8745 | 51.7916 |
| 2009 | 6     | 15  | 21   | 54     | 57     | 0.3       | 1.3     | 0.93  | 90        | 65.0333 | 51.2916 |
| 2009 | 6     | 15  | 22   | 4      | 57     | 0.3       | 1.3     | 0.93  | 85.7      | 65.0333 | 51.2916 |
| 2009 | 6     | 15  | 22   | 14     | 57     | 0.3       | 1.3     | 0.99  | 89.6      | 65.0333 | 53.5686 |
| 2009 | 6     | 15  | 22   | 24     | 57     | 0.3       | 1.3     | 0.94  | 89.6      | 65.0333 | 51.6511 |
| 2009 | 6     | 15  | 22   | 34     | 57     | 0.3       | 1.3     | 0.95  | 88.2      | 65.0333 | 52.2503 |
| 2009 | 6     | 15  | 22   | 44     | 57     | 0.3       | 1.3     | 0.97  | 91.7      | 65.0333 | 52.8495 |
| 2009 | 6     | 15  | 22   | 54     | 57     | 0.3       | 1.3     | 0.99  | 89.6      | 65.1921 | 53.6705 |
| 2009 | 6     | 15  | 23   | 4      | 57     | 0.3       | 1.3     | 0.97  | 91.4      | 65.0333 | 52.9694 |
| 2009 | 6     | 15  | 23   | 14     | 57     | 0.3       | 1.3     | 0.95  | 88        | 64.8745 | 51.9112 |
| 2009 | 6     | 15  | 23   | 24     | 57     | 0.3       | 1.3     | 1.01  | 94.3      | 65.0333 | 54.1678 |
| 2009 | 6     | 15  | 23   | 34     | 57     | 0.3       | 1.3     | 1.01  | 89.8      | 65.0333 | 54.2877 |
| 2009 | 6     | 15  | 23   | 44     | 57     | 0.3       | 1.3     | 0.91  | 89.2      | 65.0333 | 50.8122 |
| 2009 | 6     | 15  | 23   | 54     | 57     | 0.3       | 1.3     | 0.97  | 87.1      | 65.1921 | 52.9503 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 16  | 0    | 4      | 57     | 0.3       | 1.3     | 0.99  | 87.5      | 65.1921 | 53.7905 |
| 2009 | 6     | 16  | 0    | 14     | 57     | 0.3       | 1.3     | 1.05  | 90.5      | 65.1921 | 55.9512 |
| 2009 | 6     | 16  | 0    | 24     | 57     | 0.3       | 1.3     | 0.98  | 90.6      | 65.0333 | 53.2091 |
| 2009 | 6     | 16  | 0    | 34     | 57     | 0.3       | 1.3     | 0.98  | 90.4      | 65.0333 | 53.2091 |
| 2009 | 6     | 16  | 0    | 44     | 57     | 0.3       | 1.3     | 1.01  | 88.3      | 65.1921 | 54.3907 |
| 2009 | 6     | 16  | 0    | 54     | 57     | 0.3       | 1.3     | 0.94  | 89.2      | 65.1921 | 52.11   |
| 2009 | 6     | 16  | 1    | 4      | 57     | 0.3       | 1.3     | 0.87  | 88.9      | 65.1921 | 49.3491 |
| 2009 | 6     | 16  | 1    | 14     | 57     | 0.3       | 1.3     | 0.95  | 87        | 65.1921 | 52.11   |
| 2009 | 6     | 16  | 1    | 24     | 57     | 0.3       | 1.3     | 0.96  | 91.2      | 65.1921 | 52.5901 |
| 2009 | 6     | 16  | 1    | 34     | 57     | 0.3       | 1.3     | 0.9   | 92.9      | 65.1921 | 50.4294 |
| 2009 | 6     | 16  | 1    | 44     | 57     | 0.3       | 1.3     | 0.93  | 88.8      | 65.1921 | 51.3897 |
| 2009 | 6     | 16  | 1    | 54     | 57     | 0.3       | 1.3     | 0.98  | 89.4      | 65.1921 | 53.3104 |
| 2009 | 6     | 16  | 2    | 4      | 57     | 0.3       | 1.3     | 0.91  | 87.1      | 65.1921 | 50.7895 |
| 2009 | 6     | 16  | 2    | 14     | 57     | 0.3       | 1.3     | 0.93  | 89.4      | 65.1921 | 51.3897 |
| 2009 | 6     | 16  | 2    | 24     | 57     | 0.3       | 1.3     | 0.95  | 88.4      | 65.1921 | 52.23   |
| 2009 | 6     | 16  | 2    | 34     | 57     | 0.3       | 1.3     | 0.94  | 93.6      | 65.1921 | 51.9899 |
| 2009 | 6     | 16  | 2    | 44     | 57     | 0.3       | 1.3     | 0.96  | 88        | 65.1921 | 52.7102 |
| 2009 | 6     | 16  | 2    | 54     | 57     | 0.3       | 1.3     | 0.97  | 87.5      | 65.1921 | 52.9503 |
| 2009 | 6     | 16  | 3    | 4      | 57     | 0.3       | 1.3     | 0.98  | 90        | 65.1921 | 53.3104 |
| 2009 | 6     | 16  | 3    | 14     | 57     | 0.3       | 1.3     | 0.9   | 88.7      | 65.1921 | 50.4294 |
| 2009 | 6     | 16  | 3    | 24     | 57     | 0.3       | 1.3     | 0.93  | 88.4      | 65.1921 | 51.3897 |
| 2009 | 6     | 16  | 3    | 34     | 57     | 0.3       | 1.3     | 0.93  | 87.4      | 65.1921 | 51.3897 |
| 2009 | 6     | 16  | 3    | 44     | 57     | 0.3       | 1.3     | 0.93  | 88.8      | 65.351  | 51.7283 |
| 2009 | 6     | 16  | 3    | 54     | 57     | 0.3       | 1.3     | 0.91  | 90.4      | 65.351  | 51.0069 |
| 2009 | 6     | 16  | 4    | 4      | 57     | 0.3       | 1.3     | 0.94  | 89.6      | 65.351  | 52.2093 |
| 2009 | 6     | 16  | 4    | 14     | 57     | 0.3       | 1.3     | 0.92  | 87.9      | 65.351  | 51.1271 |
| 2009 | 6     | 16  | 4    | 24     | 57     | 0.3       | 1.3     | 1     | 91.1      | 65.351  | 54.3735 |
| 2009 | 6     | 16  | 4    | 34     | 57     | 0.3       | 1.3     | 0.92  | 90.2      | 65.351  | 51.2474 |
| 2009 | 6     | 16  | 4    | 44     | 57     | 0.3       | 1.3     | 0.97  | 91.4      | 65.351  | 53.1711 |
| 2009 | 6     | 16  | 4    | 54     | 57     | 0.3       | 1.3     | 0.98  | 87.7      | 65.351  | 53.5318 |
| 2009 | 6     | 16  | 5    | 4      | 57     | 0.3       | 1.3     | 0.94  | 89.4      | 65.351  | 51.9688 |
| 2009 | 6     | 16  | 5    | 14     | 57     | 0.3       | 1.3     | 0.9   | 92.7      | 65.351  | 50.6462 |
| 2009 | 6     | 16  | 5    | 24     | 57     | 0.3       | 1.3     | 0.9   | 90        | 65.351  | 50.4057 |
| 2009 | 6     | 16  | 5    | 34     | 57     | 0.3       | 1.3     | 0.94  | 90.4      | 65.351  | 51.9688 |
| 2009 | 6     | 16  | 5    | 44     | 57     | 0.3       | 1.3     | 0.91  | 87.3      | 65.351  | 50.8867 |
| 2009 | 6     | 16  | 5    | 54     | 57     | 0.3       | 1.3     | 0.91  | 89        | 65.351  | 51.0069 |
| 2009 | 6     | 16  | 6    | 4      | 57     | 0.3       | 1.3     | 0.95  | 86.4      | 65.351  | 52.2093 |
| 2009 | 6     | 16  | 6    | 14     | 57     | 0.3       | 1.3     | 0.93  | 88.6      | 65.351  | 51.6081 |
| 2009 | 6     | 16  | 6    | 24     | 57     | 0.3       | 1.3     | 0.92  | 86.9      | 65.351  | 51.3676 |
| 2009 | 6     | 16  | 6    | 34     | 57     | 0.3       | 1.3     | 0.92  | 89.2      | 65.351  | 51.1271 |
| 2009 | 6     | 16  | 6    | 44     | 57     | 0.3       | 1.3     | 0.95  | 91.4      | 65.351  | 52.2093 |
| 2009 | 6     | 16  | 6    | 54     | 57     | 0.3       | 1.3     | 0.96  | 91.8      | 65.51   | 52.9106 |
| 2009 | 6     | 16  | 7    | 4      | 57     | 0.3       | 1.3     | 0.97  | 91.7      | 65.51   | 53.3924 |
| 2009 | 6     | 16  | 7    | 14     | 57     | 0.3       | 1.3     | 0.94  | 90        | 65.51   | 52.3085 |
| 2009 | 6     | 16  | 7    | 24     | 57     | 0.3       | 1.3     | 0.91  | 89.4      | 65.51   | 50.9837 |
| 2009 | 6     | 16  | 7    | 34     | 57     | 0.3       | 1.3     | 0.96  | 89.6      | 65.51   | 52.9106 |
| 2009 | 6     | 16  | 7    | 44     | 57     | 0.3       | 1.3     | 0.96  | 88.4      | 65.51   | 52.6698 |
| 2009 | 6     | 16  | 7    | 54     | 57     | 0.3       | 1.3     | 1.02  | 90.9      | 65.51   | 55.1988 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 16  | 8    | 4      | 57     | 0.3       | 1.3     | 0.93  | 91.2      | 65.351  | 51.7283 |
| 2009 | 6     | 16  | 8    | 14     | 57     | 0.3       | 1.3     | 0.96  | 91        | 65.6691 | 52.8901 |
| 2009 | 6     | 16  | 8    | 24     | 57     | 0.3       | 1.3     | 0.93  | 91.2      | 65.51   | 51.8267 |
| 2009 | 6     | 16  | 8    | 34     | 57     | 0.3       | 1.3     | 1.05  | 91.6      | 65.51   | 56.1623 |
| 2009 | 6     | 16  | 8    | 44     | 57     | 0.3       | 1.3     | 0.95  | 90.2      | 65.6691 | 52.5282 |
| 2009 | 6     | 16  | 8    | 54     | 57     | 0.3       | 1.3     | 0.95  | 89.4      | 65.51   | 52.5493 |
| 2009 | 6     | 16  | 9    | 4      | 57     | 0.3       | 1.3     | 1     | 89.3      | 65.51   | 54.4762 |
| 2009 | 6     | 16  | 9    | 14     | 57     | 0.3       | 1.3     | 0.98  | 90        | 65.51   | 53.5128 |
| 2009 | 6     | 16  | 9    | 24     | 57     | 0.3       | 1.3     | 0.92  | 92.7      | 65.51   | 51.345  |
| 2009 | 6     | 16  | 9    | 34     | 57     | 0.3       | 1.3     | 0.9   | 93.1      | 65.51   | 50.7429 |
| 2009 | 6     | 16  | 9    | 44     | 57     | 0.3       | 1.3     | 1.03  | 89.6      | 65.51   | 55.3193 |
| 2009 | 6     | 16  | 9    | 54     | 57     | 0.3       | 1.3     | 0.96  | 87.8      | 65.51   | 52.7902 |
| 2009 | 6     | 16  | 10   | 4      | 57     | 0.3       | 1.3     | 0.91  | 91.4      | 65.51   | 51.1041 |
| 2009 | 6     | 16  | 10   | 14     | 57     | 0.3       | 1.3     | 0.95  | 89.2      | 65.51   | 52.4289 |
| 2009 | 6     | 16  | 10   | 24     | 57     | 0.3       | 1.3     | 1.03  | 90        | 65.51   | 55.4397 |
| 2009 | 6     | 16  | 10   | 34     | 57     | 0.3       | 1.3     | 0.93  | 88.4      | 65.51   | 51.8267 |
| 2009 | 6     | 16  | 10   | 44     | 57     | 0.3       | 1.3     | 0.95  | 92.8      | 65.51   | 52.4289 |
| 2009 | 6     | 16  | 10   | 54     | 57     | 0.3       | 1.3     | 0.92  | 91.6      | 65.51   | 51.4654 |
| 2009 | 6     | 16  | 11   | 4      | 57     | 0.3       | 1.3     | 0.96  | 89.6      | 65.51   | 52.9106 |
| 2009 | 6     | 16  | 11   | 14     | 57     | 0.3       | 1.3     | 0.93  | 89.4      | 65.51   | 51.7063 |
| 2009 | 6     | 16  | 11   | 24     | 57     | 0.3       | 1.3     | 0.9   | 90.4      | 65.51   | 50.6224 |
| 2009 | 6     | 16  | 11   | 34     | 57     | 0.3       | 1.3     | 0.97  | 90.8      | 65.51   | 53.1515 |
| 2009 | 6     | 16  | 11   | 44     | 57     | 0.3       | 1.3     | 0.92  | 90.2      | 65.51   | 51.345  |
| 2009 | 6     | 16  | 11   | 54     | 57     | 0.3       | 1.3     | 0.96  | 90        | 65.51   | 52.7902 |
| 2009 | 6     | 16  | 12   | 4      | 57     | 0.3       | 1.3     | 0.96  | 94.7      | 65.51   | 52.6698 |
| 2009 | 6     | 16  | 12   | 14     | 57     | 0.3       | 1.3     | 0.94  | 88.6      | 65.51   | 52.0676 |
| 2009 | 6     | 16  | 12   | 24     | 57     | 0.3       | 1.3     | 0.94  | 91.2      | 65.51   | 52.188  |
| 2009 | 6     | 16  | 12   | 34     | 57     | 0.3       | 1.3     | 0.93  | 90.6      | 65.6691 | 51.8045 |
| 2009 | 6     | 16  | 12   | 44     | 57     | 0.3       | 1.3     | 0.97  | 87.5      | 65.51   | 53.0311 |
| 2009 | 6     | 16  | 12   | 54     | 57     | 0.3       | 1.3     | 0.92  | 90.8      | 65.6691 | 51.322  |
| 2009 | 6     | 16  | 13   | 4      | 57     | 0.3       | 1.3     | 0.94  | 90.2      | 65.6691 | 52.4076 |
| 2009 | 6     | 16  | 13   | 14     | 57     | 0.3       | 1.3     | 0.96  | 88.8      | 65.6691 | 52.8901 |
| 2009 | 6     | 16  | 13   | 24     | 57     | 0.3       | 1.3     | 0.98  | 90        | 65.6691 | 53.7345 |
| 2009 | 6     | 16  | 13   | 34     | 57     | 0.3       | 1.3     | 0.89  | 91.1      | 65.6691 | 50.3569 |
| 2009 | 6     | 16  | 13   | 44     | 57     | 0.3       | 1.3     | 0.94  | 88.8      | 65.6691 | 52.287  |
| 2009 | 6     | 16  | 13   | 54     | 57     | 0.3       | 1.3     | 0.94  | 92.6      | 65.6691 | 52.0457 |
| 2009 | 6     | 16  | 14   | 4      | 57     | 0.3       | 1.3     | 0.93  | 92        | 65.6691 | 51.8045 |
| 2009 | 6     | 16  | 14   | 14     | 57     | 0.3       | 1.3     | 0.94  | 92.8      | 65.6691 | 52.287  |
| 2009 | 6     | 16  | 14   | 24     | 57     | 0.3       | 1.3     | 1.01  | 88        | 65.6691 | 54.9408 |
| 2009 | 6     | 16  | 14   | 34     | 57     | 0.3       | 1.3     | 0.94  | 93.8      | 65.6691 | 52.1664 |
| 2009 | 6     | 16  | 14   | 44     | 57     | 0.3       | 1.3     | 0.99  | 85.4      | 65.6691 | 53.8551 |
| 2009 | 6     | 16  | 14   | 54     | 57     | 0.3       | 1.3     | 1.01  | 94.1      | 65.6691 | 54.5789 |
| 2009 | 6     | 16  | 15   | 4      | 57     | 0.3       | 1.3     | 0.95  | 89.2      | 65.6691 | 52.6489 |
| 2009 | 6     | 16  | 15   | 14     | 57     | 0.3       | 1.3     | 0.95  | 92        | 65.6691 | 52.6489 |
| 2009 | 6     | 16  | 15   | 24     | 57     | 0.3       | 1.3     | 0.96  | 88.2      | 65.6691 | 52.7695 |
| 2009 | 6     | 16  | 15   | 34     | 57     | 0.3       | 1.3     | 0.97  | 89.2      | 65.6691 | 53.3726 |
| 2009 | 6     | 16  | 15   | 44     | 57     | 0.3       | 1.3     | 0.93  | 90.2      | 65.6691 | 51.6838 |
| 2009 | 6     | 16  | 15   | 54     | 57     | 0.3       | 1.3     | 0.97  | 89        | 65.6691 | 53.3726 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 16  | 16   | 4      | 57     | 0.3       | 1.3     | 0.94  | 92.8      | 65.6691 | 52.0457 |
| 2009 | 6     | 16  | 16   | 14     | 57     | 0.3       | 1.3     | 0.92  | 90.2      | 65.6691 | 51.322  |
| 2009 | 6     | 16  | 16   | 24     | 57     | 0.3       | 1.3     | 0.95  | 87.8      | 65.6691 | 52.5282 |
| 2009 | 6     | 16  | 16   | 34     | 57     | 0.3       | 1.3     | 0.91  | 88.1      | 65.6691 | 51.2013 |
| 2009 | 6     | 16  | 16   | 44     | 57     | 0.3       | 1.3     | 0.94  | 91.6      | 65.6691 | 52.1664 |
| 2009 | 6     | 16  | 16   | 54     | 57     | 0.3       | 1.3     | 0.87  | 89.1      | 65.6691 | 49.6332 |
| 2009 | 6     | 16  | 17   | 4      | 57     | 0.3       | 1.3     | 0.99  | 89.1      | 65.6691 | 54.217  |
| 2009 | 6     | 16  | 17   | 14     | 57     | 0.3       | 1.3     | 0.96  | 91.4      | 65.51   | 52.9106 |
| 2009 | 6     | 16  | 17   | 24     | 57     | 0.3       | 1.3     | 0.92  | 92        | 65.6691 | 51.5632 |
| 2009 | 6     | 16  | 17   | 34     | 57     | 0.3       | 1.3     | 0.96  | 88.4      | 65.51   | 53.0311 |
| 2009 | 6     | 16  | 17   | 44     | 57     | 0.3       | 1.3     | 0.96  | 90        | 65.51   | 53.0311 |
| 2009 | 6     | 16  | 17   | 54     | 57     | 0.3       | 1.3     | 0.94  | 86.8      | 65.51   | 52.188  |
| 2009 | 6     | 16  | 18   | 4      | 57     | 0.3       | 1.3     | 1     | 89.3      | 65.51   | 54.4762 |
| 2009 | 6     | 16  | 18   | 14     | 57     | 0.3       | 1.3     | 0.97  | 84.8      | 65.6691 | 53.1314 |
| 2009 | 6     | 16  | 18   | 24     | 57     | 0.3       | 1.3     | 0.94  | 89        | 65.6691 | 52.1664 |
| 2009 | 6     | 16  | 18   | 34     | 57     | 0.3       | 1.3     | 0.92  | 91.2      | 65.6691 | 51.322  |
| 2009 | 6     | 16  | 18   | 44     | 57     | 0.3       | 1.3     | 0.92  | 91.8      | 65.6691 | 51.5632 |
| 2009 | 6     | 16  | 18   | 54     | 57     | 0.3       | 1.3     | 0.92  | 88.8      | 65.6691 | 51.4426 |
| 2009 | 6     | 16  | 19   | 4      | 57     | 0.3       | 1.3     | 0.93  | 90.4      | 65.6691 | 51.8045 |
| 2009 | 6     | 16  | 19   | 14     | 57     | 0.3       | 1.3     | 0.99  | 87.7      | 65.6691 | 54.0964 |
| 2009 | 6     | 16  | 19   | 24     | 57     | 0.3       | 1.3     | 0.92  | 89.8      | 65.6691 | 51.4426 |
| 2009 | 6     | 16  | 19   | 34     | 57     | 0.3       | 1.3     | 1.03  | 91.6      | 65.6691 | 55.5439 |
| 2009 | 6     | 16  | 19   | 44     | 57     | 0.3       | 1.3     | 1.02  | 90.7      | 65.6691 | 55.182  |
| 2009 | 6     | 16  | 19   | 54     | 57     | 0.3       | 1.3     | 0.91  | 89        | 65.6691 | 51.0807 |
| 2009 | 6     | 16  | 20   | 4      | 57     | 0.3       | 1.3     | 0.97  | 92.1      | 65.6691 | 53.252  |
| 2009 | 6     | 16  | 20   | 14     | 57     | 0.3       | 1.3     | 0.94  | 91.6      | 65.6691 | 52.1664 |
| 2009 | 6     | 16  | 20   | 24     | 57     | 0.3       | 1.3     | 0.96  | 91.4      | 65.6691 | 52.8901 |
| 2009 | 6     | 16  | 20   | 34     | 57     | 0.3       | 1.3     | 1.01  | 90        | 65.6691 | 54.9408 |
| 2009 | 6     | 16  | 20   | 44     | 57     | 0.3       | 1.3     | 0.93  | 92.6      | 65.6691 | 51.8045 |
| 2009 | 6     | 16  | 20   | 54     | 57     | 0.3       | 1.3     | 0.93  | 93.8      | 65.6691 | 51.8045 |
| 2009 | 6     | 16  | 21   | 4      | 57     | 0.3       | 1.3     | 0.93  | 91.8      | 65.6691 | 51.9251 |
| 2009 | 6     | 16  | 21   | 14     | 57     | 0.3       | 1.3     | 0.94  | 90.6      | 65.6691 | 52.0457 |
| 2009 | 6     | 16  | 21   | 24     | 57     | 0.3       | 1.3     | 0.96  | 90.2      | 65.6691 | 53.0107 |
| 2009 | 6     | 16  | 21   | 34     | 57     | 0.3       | 1.3     | 0.99  | 88.5      | 65.8283 | 54.0774 |
| 2009 | 6     | 16  | 21   | 44     | 57     | 0.3       | 1.3     | 0.9   | 91.7      | 65.8283 | 50.936  |
| 2009 | 6     | 16  | 21   | 54     | 57     | 0.3       | 1.3     | 0.97  | 92.9      | 65.8283 | 53.3525 |
| 2009 | 6     | 16  | 22   | 4      | 57     | 0.3       | 1.3     | 0.97  | 90        | 65.8283 | 53.4733 |
| 2009 | 6     | 16  | 22   | 14     | 57     | 0.3       | 1.3     | 1.01  | 90.9      | 65.8283 | 54.8023 |
| 2009 | 6     | 16  | 22   | 24     | 57     | 0.3       | 1.3     | 1.02  | 93.3      | 65.8283 | 55.2856 |
| 2009 | 6     | 16  | 22   | 34     | 57     | 0.3       | 1.3     | 0.94  | 89.2      | 65.8283 | 52.2651 |
| 2009 | 6     | 16  | 22   | 44     | 57     | 0.3       | 1.3     | 1.01  | 90.9      | 65.9876 | 54.9051 |
| 2009 | 6     | 16  | 22   | 54     | 57     | 0.3       | 1.3     | 0.99  | 90        | 65.9876 | 54.3    |
| 2009 | 6     | 16  | 23   | 4      | 57     | 0.3       | 1.3     | 0.94  | 89.6      | 65.9876 | 52.6057 |
| 2009 | 6     | 16  | 23   | 14     | 57     | 0.3       | 1.3     | 1.03  | 92.4      | 66.147  | 55.8562 |
| 2009 | 6     | 16  | 23   | 24     | 57     | 0.3       | 1.3     | 0.99  | 91.1      | 66.147  | 54.4017 |
| 2009 | 6     | 16  | 23   | 34     | 57     | 0.3       | 1.3     | 0.98  | 89.6      | 66.147  | 53.9168 |
| 2009 | 6     | 16  | 23   | 44     | 57     | 0.3       | 1.3     | 0.97  | 91.8      | 66.147  | 53.432  |
| 2009 | 6     | 16  | 23   | 54     | 57     | 0.3       | 1.3     | 0.95  | 87.8      | 66.3064 | 52.925  |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 17  | 0    | 4      | 57     | 0.3       | 1.3     | 0.91  | 88.1      | 66.3064 | 51.4681 |
| 2009 | 6     | 17  | 0    | 14     | 57     | 0.3       | 1.3     | 0.96  | 88.2      | 66.147  | 53.3107 |
| 2009 | 6     | 17  | 0    | 24     | 57     | 0.3       | 1.3     | 0.98  | 92.5      | 66.3064 | 53.8962 |
| 2009 | 6     | 17  | 0    | 34     | 57     | 0.3       | 1.3     | 0.91  | 91.9      | 66.3064 | 51.4681 |
| 2009 | 6     | 17  | 0    | 44     | 57     | 0.3       | 1.3     | 0.96  | 91.8      | 66.466  | 53.3888 |
| 2009 | 6     | 17  | 0    | 54     | 57     | 0.3       | 1.3     | 0.97  | 88.6      | 66.3064 | 53.6534 |
| 2009 | 6     | 17  | 1    | 4      | 57     | 0.3       | 1.3     | 0.9   | 89.8      | 66.3064 | 50.9825 |
| 2009 | 6     | 17  | 1    | 14     | 57     | 0.3       | 1.3     | 0.92  | 88.2      | 66.466  | 51.808  |
| 2009 | 6     | 17  | 1    | 24     | 57     | 0.3       | 1.3     | 0.95  | 90        | 66.466  | 53.2672 |
| 2009 | 6     | 17  | 1    | 34     | 57     | 0.3       | 1.3     | 0.94  | 93.8      | 66.466  | 52.5376 |
| 2009 | 6     | 17  | 1    | 44     | 57     | 0.3       | 1.3     | 0.94  | 86.6      | 66.466  | 52.5376 |
| 2009 | 6     | 17  | 1    | 54     | 57     | 0.3       | 1.3     | 1     | 90.9      | 66.466  | 54.9696 |
| 2009 | 6     | 17  | 2    | 4      | 57     | 0.3       | 1.3     | 0.99  | 91.9      | 66.466  | 54.4832 |
| 2009 | 6     | 17  | 2    | 14     | 57     | 0.3       | 1.3     | 0.9   | 90        | 66.466  | 51.0784 |
| 2009 | 6     | 17  | 2    | 24     | 57     | 0.3       | 1.3     | 0.92  | 90.8      | 66.466  | 52.0512 |
| 2009 | 6     | 17  | 2    | 34     | 57     | 0.3       | 1.3     | 0.89  | 92.5      | 66.466  | 50.9568 |
| 2009 | 6     | 17  | 2    | 44     | 57     | 0.3       | 1.3     | 0.98  | 86.9      | 66.466  | 53.9968 |
| 2009 | 6     | 17  | 2    | 54     | 57     | 0.3       | 1.3     | 0.92  | 93.9      | 66.466  | 52.0512 |
| 2009 | 6     | 17  | 3    | 4      | 57     | 0.3       | 1.3     | 0.95  | 92.6      | 66.466  | 53.1456 |
| 2009 | 6     | 17  | 3    | 14     | 57     | 0.3       | 1.3     | 0.96  | 87        | 66.466  | 53.2672 |
| 2009 | 6     | 17  | 3    | 24     | 57     | 0.3       | 1.3     | 0.97  | 87.9      | 66.466  | 53.7536 |
| 2009 | 6     | 17  | 3    | 34     | 57     | 0.3       | 1.3     | 0.97  | 88.2      | 66.466  | 53.632  |
| 2009 | 6     | 17  | 3    | 44     | 57     | 0.3       | 1.3     | 1.03  | 90.4      | 66.466  | 56.064  |
| 2009 | 6     | 17  | 3    | 54     | 57     | 0.3       | 1.3     | 0.94  | 90        | 66.466  | 52.9024 |
| 2009 | 6     | 17  | 4    | 4      | 57     | 0.3       | 1.3     | 0.97  | 89.6      | 66.466  | 53.7536 |
| 2009 | 6     | 17  | 4    | 14     | 57     | 0.3       | 1.3     | 0.98  | 88.5      | 66.466  | 54.3616 |
| 2009 | 6     | 17  | 4    | 24     | 57     | 0.3       | 1.3     | 0.9   | 88.5      | 66.466  | 51.3216 |
| 2009 | 6     | 17  | 4    | 34     | 57     | 0.3       | 1.3     | 0.95  | 88.2      | 66.466  | 53.1456 |
| 2009 | 6     | 17  | 4    | 44     | 57     | 0.3       | 1.3     | 0.96  | 90.2      | 66.466  | 53.632  |
| 2009 | 6     | 17  | 4    | 54     | 57     | 0.3       | 1.3     | 1     | 89.6      | 66.466  | 55.0912 |
| 2009 | 6     | 17  | 5    | 4      | 57     | 0.3       | 1.3     | 0.97  | 89.4      | 66.466  | 53.7536 |
| 2009 | 6     | 17  | 5    | 14     | 57     | 0.3       | 1.3     | 1.01  | 86.6      | 66.466  | 55.0912 |
| 2009 | 6     | 17  | 5    | 24     | 57     | 0.3       | 1.3     | 0.92  | 90.2      | 66.466  | 51.808  |
| 2009 | 6     | 17  | 5    | 34     | 57     | 0.3       | 1.3     | 0.94  | 89.6      | 66.466  | 52.5376 |
| 2009 | 6     | 17  | 5    | 44     | 57     | 0.3       | 1.3     | 0.98  | 90        | 66.466  | 54.24   |
| 2009 | 6     | 17  | 5    | 54     | 57     | 0.3       | 1.3     | 0.89  | 91.3      | 66.466  | 50.9568 |
| 2009 | 6     | 17  | 6    | 4      | 57     | 0.3       | 1.3     | 0.96  | 88.4      | 66.466  | 53.3888 |
| 2009 | 6     | 17  | 6    | 14     | 57     | 0.3       | 1.3     | 0.94  | 89        | 66.466  | 52.5376 |
| 2009 | 6     | 17  | 6    | 24     | 57     | 0.3       | 1.3     | 0.89  | 89.8      | 66.466  | 50.8352 |
| 2009 | 6     | 17  | 6    | 34     | 57     | 0.3       | 1.3     | 0.97  | 88.1      | 66.466  | 53.632  |
| 2009 | 6     | 17  | 6    | 44     | 57     | 0.3       | 1.3     | 0.93  | 94.3      | 66.466  | 52.1728 |
| 2009 | 6     | 17  | 6    | 54     | 57     | 0.3       | 1.3     | 0.98  | 90        | 66.466  | 54.24   |
| 2009 | 6     | 17  | 7    | 4      | 57     | 0.3       | 1.3     | 1     | 89.2      | 66.466  | 54.9696 |
| 2009 | 6     | 17  | 7    | 14     | 57     | 0.3       | 1.3     | 0.84  | 90.7      | 66.466  | 49.1328 |
| 2009 | 6     | 17  | 7    | 24     | 57     | 0.3       | 1.3     | 0.97  | 86.7      | 66.466  | 53.7536 |
| 2009 | 6     | 17  | 7    | 34     | 57     | 0.3       | 1.3     | 0.94  | 90.8      | 66.3064 | 52.5608 |
| 2009 | 6     | 17  | 7    | 44     | 57     | 0.3       | 1.3     | 0.92  | 91.4      | 66.3064 | 51.9537 |
| 2009 | 6     | 17  | 7    | 54     | 57     | 0.3       | 1.3     | 1     | 90.9      | 66.3064 | 54.8675 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 17  | 8    | 4      | 57     | 0.3       | 1.3     | 0.94  | 90.4      | 66.147  | 52.7047 |
| 2009 | 6     | 17  | 8    | 14     | 57     | 0.3       | 1.3     | 0.94  | 93.4      | 66.147  | 52.341  |
| 2009 | 6     | 17  | 8    | 24     | 57     | 0.3       | 1.3     | 0.97  | 90.6      | 66.147  | 53.7956 |
| 2009 | 6     | 17  | 8    | 34     | 57     | 0.3       | 1.3     | 0.97  | 91        | 66.147  | 53.7956 |
| 2009 | 6     | 17  | 8    | 44     | 57     | 0.3       | 1.3     | 0.9   | 87.7      | 66.147  | 51.0077 |
| 2009 | 6     | 17  | 8    | 54     | 57     | 0.3       | 1.3     | 1     | 90        | 65.8283 | 54.6815 |
| 2009 | 6     | 17  | 9    | 4      | 57     | 0.3       | 1.3     | 0.95  | 92.6      | 65.8283 | 52.5067 |
| 2009 | 6     | 17  | 9    | 14     | 57     | 0.3       | 1.3     | 0.94  | 91.8      | 65.8283 | 52.3859 |
| 2009 | 6     | 17  | 9    | 24     | 57     | 0.3       | 1.3     | 1.03  | 88.7      | 65.8283 | 55.7689 |
| 2009 | 6     | 17  | 9    | 34     | 57     | 0.3       | 1.3     | 0.95  | 91.4      | 65.8283 | 52.7483 |
| 2009 | 6     | 17  | 9    | 44     | 57     | 0.3       | 1.3     | 0.97  | 88.2      | 65.6691 | 53.1314 |
| 2009 | 6     | 17  | 9    | 54     | 57     | 0.3       | 1.3     | 1.04  | 87.6      | 65.6691 | 55.7852 |
| 2009 | 6     | 17  | 10   | 4      | 57     | 0.3       | 1.3     | 0.95  | 88        | 65.6691 | 52.5282 |
| 2009 | 6     | 17  | 10   | 14     | 57     | 0.3       | 1.3     | 0.95  | 93        | 65.6691 | 52.5282 |
| 2009 | 6     | 17  | 10   | 24     | 57     | 0.3       | 1.3     | 1     | 90.6      | 65.6691 | 54.5789 |
| 2009 | 6     | 17  | 10   | 34     | 57     | 0.3       | 1.3     | 1.03  | 90.5      | 65.6691 | 55.6646 |
| 2009 | 6     | 17  | 10   | 44     | 57     | 0.3       | 1.3     | 1.01  | 93        | 65.6691 | 54.5789 |
| 2009 | 6     | 17  | 10   | 54     | 57     | 0.3       | 1.3     | 0.98  | 90.2      | 65.8283 | 53.9566 |
| 2009 | 6     | 17  | 11   | 4      | 57     | 0.3       | 1.3     | 1     | 89.1      | 65.6691 | 54.5789 |
| 2009 | 6     | 17  | 11   | 14     | 57     | 0.3       | 1.3     | 0.95  | 90        | 65.8283 | 52.7483 |
| 2009 | 6     | 17  | 11   | 24     | 57     | 0.3       | 1.3     | 0.94  | 89.2      | 65.8283 | 52.1442 |
| 2009 | 6     | 17  | 11   | 34     | 57     | 0.3       | 1.3     | 0.96  | 90.4      | 65.8283 | 53.1108 |
| 2009 | 6     | 17  | 11   | 44     | 57     | 0.3       | 1.3     | 0.97  | 87.7      | 65.9876 | 53.5739 |
| 2009 | 6     | 17  | 11   | 54     | 57     | 0.3       | 1.3     | 0.96  | 88.2      | 65.9876 | 53.0898 |
| 2009 | 6     | 17  | 12   | 4      | 57     | 0.3       | 1.3     | 0.88  | 88.1      | 66.3064 | 50.3754 |
| 2009 | 6     | 17  | 12   | 14     | 57     | 0.3       | 1.3     | 0.97  | 87.9      | 66.3064 | 53.7748 |
| 2009 | 6     | 17  | 12   | 24     | 57     | 0.3       | 1.3     | 0.94  | 87.6      | 66.466  | 52.7808 |
| 2009 | 6     | 17  | 12   | 34     | 57     | 0.3       | 1.3     | 0.97  | 87.3      | 66.6256 | 53.9755 |
| 2009 | 6     | 17  | 12   | 44     | 57     | 0.3       | 1.3     | 0.97  | 90.8      | 66.6256 | 54.0973 |
| 2009 | 6     | 17  | 12   | 54     | 57     | 0.3       | 1.3     | 0.96  | 89.6      | 66.7854 | 53.5878 |
| 2009 | 6     | 17  | 13   | 4      | 57     | 0.3       | 1.3     | 0.89  | 90        | 66.9452 | 51.2436 |
| 2009 | 6     | 17  | 13   | 14     | 57     | 0.3       | 1.3     | 0.93  | 87        | 66.7854 | 52.3679 |
| 2009 | 6     | 17  | 13   | 24     | 57     | 0.3       | 1.3     | 0.93  | 90        | 66.7854 | 52.3679 |
| 2009 | 6     | 17  | 13   | 34     | 57     | 0.3       | 1.3     | 0.96  | 85.5      | 66.9452 | 53.6872 |
| 2009 | 6     | 17  | 13   | 44     | 57     | 0.3       | 1.3     | 0.92  | 88.4      | 66.9452 | 52.3432 |
| 2009 | 6     | 17  | 13   | 54     | 57     | 0.3       | 1.3     | 0.94  | 84.4      | 66.9452 | 52.832  |
| 2009 | 6     | 17  | 14   | 4      | 57     | 0.3       | 1.3     | 0.92  | 89.8      | 67.1051 | 52.4405 |
| 2009 | 6     | 17  | 14   | 14     | 57     | 0.3       | 1.3     | 1     | 90        | 67.1051 | 55.2551 |
| 2009 | 6     | 17  | 14   | 24     | 57     | 0.3       | 1.3     | 0.88  | 86.8      | 67.1051 | 50.972  |
| 2009 | 6     | 17  | 14   | 34     | 57     | 0.3       | 1.3     | 0.93  | 88.8      | 67.1051 | 52.6852 |
| 2009 | 6     | 17  | 14   | 44     | 57     | 0.3       | 1.3     | 0.96  | 88.6      | 67.1051 | 53.7866 |
| 2009 | 6     | 17  | 14   | 54     | 57     | 0.3       | 1.3     | 0.91  | 92.3      | 67.1051 | 52.0733 |
| 2009 | 6     | 17  | 15   | 4      | 57     | 0.3       | 1.3     | 0.95  | 89.8      | 67.2651 | 53.7633 |
| 2009 | 6     | 17  | 15   | 14     | 57     | 0.3       | 1.3     | 0.96  | 92        | 67.2651 | 53.7633 |
| 2009 | 6     | 17  | 15   | 24     | 57     | 0.3       | 1.3     | 0.99  | 90.4      | 67.2651 | 55.1115 |
| 2009 | 6     | 17  | 15   | 34     | 57     | 0.3       | 1.3     | 0.95  | 90.6      | 67.2651 | 53.5181 |
| 2009 | 6     | 17  | 15   | 44     | 57     | 0.3       | 1.3     | 0.88  | 90.2      | 67.2651 | 51.0668 |
| 2009 | 6     | 17  | 15   | 54     | 57     | 0.3       | 1.3     | 0.98  | 89.2      | 67.2651 | 54.8664 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 17  | 16   | 4      | 57     | 0.3       | 1.3     | 0.92  | 89.4      | 67.2651 | 52.2925 |
| 2009 | 6     | 17  | 16   | 14     | 57     | 0.3       | 1.3     | 0.96  | 87.2      | 67.4252 | 53.8623 |
| 2009 | 6     | 17  | 16   | 24     | 57     | 0.3       | 1.3     | 0.96  | 87.8      | 67.4252 | 53.8623 |
| 2009 | 6     | 17  | 16   | 34     | 57     | 0.3       | 1.3     | 0.9   | 89.4      | 67.4252 | 51.7754 |
| 2009 | 6     | 17  | 16   | 44     | 57     | 0.3       | 1.3     | 0.99  | 89.1      | 67.4252 | 55.3354 |
| 2009 | 6     | 17  | 16   | 54     | 57     | 0.3       | 1.3     | 0.88  | 85.1      | 67.4252 | 51.0388 |
| 2009 | 6     | 17  | 17   | 4      | 57     | 0.3       | 1.3     | 0.93  | 94.4      | 67.4252 | 52.8802 |
| 2009 | 6     | 17  | 17   | 14     | 57     | 0.3       | 1.3     | 0.95  | 91.4      | 67.5854 | 53.8383 |
| 2009 | 6     | 17  | 17   | 24     | 57     | 0.3       | 1.3     | 0.95  | 89.2      | 67.5854 | 53.9613 |
| 2009 | 6     | 17  | 17   | 34     | 57     | 0.3       | 1.3     | 0.86  | 87.8      | 67.5854 | 50.3957 |
| 2009 | 6     | 17  | 17   | 44     | 57     | 0.3       | 1.3     | 0.93  | 92        | 67.5854 | 52.8547 |
| 2009 | 6     | 17  | 17   | 54     | 57     | 0.3       | 1.3     | 0.95  | 87.4      | 67.5854 | 53.5924 |
| 2009 | 6     | 17  | 18   | 4      | 57     | 0.3       | 1.3     | 0.94  | 87.2      | 67.5854 | 53.4695 |
| 2009 | 6     | 17  | 18   | 14     | 57     | 0.3       | 1.3     | 0.96  | 88        | 67.5854 | 54.2072 |
| 2009 | 6     | 17  | 18   | 24     | 57     | 0.3       | 1.3     | 0.89  | 90        | 67.7456 | 51.5973 |
| 2009 | 6     | 17  | 18   | 34     | 57     | 0.3       | 1.3     | 0.91  | 89.6      | 67.7456 | 52.213  |
| 2009 | 6     | 17  | 18   | 44     | 57     | 0.3       | 1.3     | 0.94  | 88.2      | 67.906  | 53.419  |
| 2009 | 6     | 17  | 18   | 54     | 57     | 0.3       | 1.3     | 0.98  | 86.5      | 67.906  | 54.899  |
| 2009 | 6     | 17  | 19   | 4      | 57     | 0.3       | 1.3     | 0.95  | 89.6      | 68.0664 | 54.1342 |
| 2009 | 6     | 17  | 19   | 14     | 57     | 0.3       | 1.3     | 1.03  | 89.5      | 68.0664 | 57.2223 |
| 2009 | 6     | 17  | 19   | 24     | 57     | 0.3       | 1.3     | 0.96  | 88.8      | 68.3876 | 54.8268 |
| 2009 | 6     | 17  | 19   | 34     | 57     | 0.3       | 1.3     | 0.92  | 91.4      | 68.5483 | 53.3126 |
| 2009 | 6     | 17  | 19   | 44     | 57     | 0.3       | 1.3     | 0.95  | 90.8      | 68.7091 | 54.6521 |
| 2009 | 6     | 17  | 19   | 54     | 57     | 0.3       | 1.3     | 0.95  | 90.2      | 68.87   | 54.5015 |
| 2009 | 6     | 17  | 20   | 4      | 57     | 0.3       | 1.3     | 0.96  | 92.8      | 68.87   | 54.7505 |
| 2009 | 6     | 17  | 20   | 14     | 57     | 0.3       | 1.3     | 1     | 90        | 69.031  | 56.7188 |
| 2009 | 6     | 17  | 20   | 24     | 57     | 0.3       | 1.3     | 0.93  | 90.8      | 69.031  | 53.8515 |
| 2009 | 6     | 17  | 20   | 34     | 57     | 0.3       | 1.3     | 0.95  | 90.8      | 68.7091 | 54.4035 |
| 2009 | 6     | 17  | 20   | 44     | 57     | 0.3       | 1.3     | 1.01  | 90        | 68.87   | 56.9911 |
| 2009 | 6     | 17  | 20   | 54     | 57     | 0.3       | 1.3     | 0.95  | 89        | 69.031  | 54.8488 |
| 2009 | 6     | 17  | 21   | 4      | 57     | 0.3       | 1.3     | 1.01  | 90        | 69.031  | 56.8435 |
| 2009 | 6     | 17  | 21   | 14     | 57     | 0.3       | 1.3     | 0.95  | 89.8      | 69.031  | 54.7242 |
| 2009 | 6     | 17  | 21   | 24     | 57     | 0.3       | 1.3     | 0.97  | 89.2      | 69.1921 | 55.5714 |
| 2009 | 6     | 17  | 21   | 34     | 57     | 0.3       | 1.3     | 0.94  | 87.8      | 69.3532 | 54.2951 |
| 2009 | 6     | 17  | 21   | 44     | 57     | 0.3       | 1.3     | 0.99  | 90.2      | 69.3532 | 56.2958 |
| 2009 | 6     | 17  | 21   | 54     | 57     | 0.3       | 1.3     | 1.01  | 87.6      | 69.3532 | 57.046  |
| 2009 | 6     | 17  | 22   | 4      | 57     | 0.3       | 1.3     | 0.98  | 90.6      | 69.5145 | 56.2706 |
| 2009 | 6     | 17  | 22   | 14     | 57     | 0.3       | 1.3     | 1     | 87.6      | 69.5145 | 56.7715 |
| 2009 | 6     | 17  | 22   | 24     | 57     | 0.3       | 1.3     | 0.92  | 88.6      | 69.6758 | 53.7366 |
| 2009 | 6     | 17  | 22   | 34     | 57     | 0.3       | 1.3     | 1     | 89.1      | 69.9988 | 57.0729 |
| 2009 | 6     | 17  | 22   | 44     | 57     | 0.3       | 1.3     | 1     | 88.1      | 70.1604 | 57.2992 |
| 2009 | 6     | 17  | 22   | 54     | 57     | 0.3       | 1.3     | 0.94  | 90        | 70.1604 | 55.1575 |
| 2009 | 6     | 17  | 23   | 4      | 57     | 0.3       | 1.3     | 0.9   | 88.3      | 70.4839 | 53.4567 |
| 2009 | 6     | 17  | 23   | 14     | 57     | 0.3       | 1.3     | 1     | 88.5      | 70.6457 | 57.6002 |
| 2009 | 6     | 17  | 23   | 24     | 57     | 0.3       | 1.3     | 0.98  | 92.9      | 70.6457 | 56.5879 |
| 2009 | 6     | 17  | 23   | 34     | 57     | 0.3       | 1.3     | 0.98  | 91.9      | 70.8077 | 57.0668 |
| 2009 | 6     | 17  | 23   | 44     | 57     | 0.3       | 1.3     | 0.96  | 89.6      | 70.9698 | 56.1508 |
| 2009 | 6     | 17  | 23   | 54     | 57     | 0.3       | 1.3     | 1.02  | 88.7      | 70.9698 | 58.4351 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 18  | 0    | 4      | 57     | 0.3       | 1.3     | 1.03  | 88.4      | 71.1319 | 58.9174 |
| 2009 | 6     | 18  | 0    | 14     | 57     | 0.3       | 1.3     | 1     | 90.2      | 71.1319 | 57.7736 |
| 2009 | 6     | 18  | 0    | 24     | 57     | 0.3       | 1.3     | 0.99  | 88.9      | 71.2942 | 57.4915 |
| 2009 | 6     | 18  | 0    | 34     | 57     | 0.3       | 1.3     | 1     | 89.2      | 71.4565 | 57.9731 |
| 2009 | 6     | 18  | 0    | 44     | 57     | 0.3       | 1.3     | 1.01  | 89.8      | 71.4565 | 58.483  |
| 2009 | 6     | 18  | 0    | 54     | 57     | 0.3       | 1.3     | 0.98  | 90        | 71.7814 | 57.5332 |
| 2009 | 6     | 18  | 1    | 4      | 57     | 0.3       | 1.3     | 0.96  | 88.6      | 71.944  | 56.7357 |
| 2009 | 6     | 18  | 1    | 14     | 57     | 0.3       | 1.3     | 0.94  | 90.8      | 72.1067 | 56.1919 |
| 2009 | 6     | 18  | 1    | 24     | 57     | 0.3       | 1.3     | 0.96  | 90.4      | 72.2695 | 57.1869 |
| 2009 | 6     | 18  | 1    | 34     | 57     | 0.3       | 1.3     | 0.95  | 90.2      | 72.5953 | 56.738  |
| 2009 | 6     | 18  | 1    | 44     | 57     | 0.3       | 1.3     | 0.98  | 87.7      | 72.5953 | 57.768  |
| 2009 | 6     | 18  | 1    | 54     | 57     | 0.3       | 1.3     | 0.96  | 91.4      | 72.7583 | 57.3501 |
| 2009 | 6     | 18  | 2    | 4      | 57     | 0.3       | 1.3     | 0.99  | 87.9      | 72.7583 | 58.3815 |
| 2009 | 6     | 18  | 2    | 14     | 57     | 0.3       | 1.3     | 0.97  | 91.9      | 72.9215 | 57.9636 |
| 2009 | 6     | 18  | 2    | 24     | 57     | 0.3       | 1.3     | 0.93  | 89.8      | 72.9215 | 56.1561 |
| 2009 | 6     | 18  | 2    | 34     | 57     | 0.3       | 1.3     | 1.03  | 92.7      | 73.0847 | 60.13   |
| 2009 | 6     | 18  | 2    | 44     | 57     | 0.3       | 1.3     | 1     | 90.9      | 73.0847 | 59.225  |
| 2009 | 6     | 18  | 2    | 54     | 57     | 0.3       | 1.3     | 0.95  | 89.6      | 73.248  | 57.2527 |
| 2009 | 6     | 18  | 3    | 4      | 57     | 0.3       | 1.3     | 0.92  | 87.4      | 73.4114 | 56.1822 |
| 2009 | 6     | 18  | 3    | 14     | 57     | 0.3       | 1.3     | 0.96  | 89        | 73.5749 | 57.705  |
| 2009 | 6     | 18  | 3    | 24     | 57     | 0.3       | 1.3     | 1.01  | 90        | 73.7385 | 59.7517 |
| 2009 | 6     | 18  | 3    | 34     | 57     | 0.3       | 1.3     | 0.99  | 90.2      | 73.9022 | 59.0697 |
| 2009 | 6     | 18  | 3    | 44     | 57     | 0.3       | 1.3     | 1.02  | 88.5      | 74.0659 | 60.4715 |
| 2009 | 6     | 18  | 3    | 54     | 57     | 0.3       | 1.3     | 0.99  | 93.4      | 74.3937 | 59.4943 |
| 2009 | 6     | 18  | 4    | 4      | 57     | 0.3       | 1.3     | 1.03  | 90.7      | 74.3937 | 60.9323 |
| 2009 | 6     | 18  | 4    | 14     | 57     | 0.3       | 1.3     | 0.98  | 87.5      | 74.7218 | 59.1658 |
| 2009 | 6     | 18  | 4    | 24     | 57     | 0.3       | 1.3     | 0.98  | 89.4      | 74.7218 | 59.1658 |
| 2009 | 6     | 18  | 4    | 34     | 57     | 0.3       | 1.3     | 1.02  | 91.1      | 74.7218 | 61.001  |
| 2009 | 6     | 18  | 4    | 44     | 57     | 0.3       | 1.3     | 1.02  | 90        | 74.886  | 60.8381 |
| 2009 | 6     | 18  | 4    | 54     | 57     | 0.3       | 1.3     | 0.92  | 89        | 74.886  | 56.7689 |
| 2009 | 6     | 18  | 5    | 4      | 57     | 0.3       | 1.3     | 0.97  | 88.3      | 74.886  | 59.1316 |
| 2009 | 6     | 18  | 5    | 14     | 57     | 0.3       | 1.3     | 1.04  | 91.6      | 75.0503 | 61.8573 |
| 2009 | 6     | 18  | 5    | 24     | 57     | 0.3       | 1.3     | 0.98  | 90.4      | 75.2147 | 59.4569 |
| 2009 | 6     | 18  | 5    | 34     | 57     | 0.3       | 1.3     | 0.96  | 88.2      | 75.2147 | 58.5356 |
| 2009 | 6     | 18  | 5    | 44     | 57     | 0.3       | 1.6     | 0.97  | 91.2      | 75.5438 | 59.3867 |
| 2009 | 6     | 18  | 5    | 54     | 57     | 0.3       | 1.6     | 0.98  | 90.4      | 75.7084 | 60.0116 |
| 2009 | 6     | 18  | 6    | 4      | 57     | 0.3       | 1.6     | 1.03  | 90.7      | 75.8732 | 62.0935 |
| 2009 | 6     | 18  | 6    | 14     | 57     | 0.3       | 1.6     | 0.97  | 91.2      | 76.038  | 59.6756 |
| 2009 | 6     | 18  | 6    | 24     | 57     | 0.3       | 1.6     | 1     | 87.5      | 76.368  | 60.7978 |
| 2009 | 6     | 18  | 6    | 34     | 57     | 0.3       | 1.6     | 1     | 92.4      | 76.368  | 60.9307 |
| 2009 | 6     | 18  | 6    | 44     | 57     | 0.3       | 1.6     | 0.95  | 90        | 76.533  | 59.1658 |
| 2009 | 6     | 18  | 6    | 54     | 57     | 0.3       | 1.6     | 0.97  | 88.6      | 76.6982 | 59.9267 |
| 2009 | 6     | 18  | 7    | 4      | 57     | 0.3       | 1.6     | 1.01  | 90.6      | 76.6982 | 61.7914 |
| 2009 | 6     | 18  | 7    | 14     | 57     | 0.3       | 1.6     | 0.98  | 92.3      | 76.6982 | 60.3263 |
| 2009 | 6     | 18  | 7    | 24     | 57     | 0.3       | 1.6     | 0.98  | 91.7      | 76.6982 | 60.5926 |
| 2009 | 6     | 18  | 7    | 34     | 57     | 0.3       | 1.6     | 0.99  | 90        | 76.8635 | 61.0893 |
| 2009 | 6     | 18  | 7    | 44     | 57     | 0.3       | 1.6     | 0.97  | 90        | 76.8635 | 60.1557 |
| 2009 | 6     | 18  | 7    | 54     | 57     | 0.3       | 1.6     | 0.98  | 91        | 77.0289 | 60.7857 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 18  | 8    | 4      | 57     | 0.3       | 1.6     | 1.03  | 90        | 77.0289 | 62.5218 |
| 2009 | 6     | 18  | 8    | 14     | 57     | 0.3       | 1.6     | 1     | 93.2      | 77.1944 | 61.5507 |
| 2009 | 6     | 18  | 8    | 24     | 57     | 0.3       | 1.6     | 1.04  | 90.2      | 77.1944 | 63.289  |
| 2009 | 6     | 18  | 8    | 34     | 57     | 0.3       | 1.6     | 0.98  | 88.3      | 77.1944 | 60.7484 |
| 2009 | 6     | 18  | 8    | 44     | 57     | 0.3       | 1.6     | 0.98  | 90        | 77.3599 | 60.8446 |
| 2009 | 6     | 18  | 8    | 54     | 57     | 0.3       | 1.6     | 1.03  | 92.4      | 77.5256 | 62.8175 |
| 2009 | 6     | 18  | 9    | 4      | 57     | 0.3       | 1.6     | 1.01  | 89.8      | 77.5256 | 62.1472 |
| 2009 | 6     | 18  | 9    | 14     | 57     | 0.3       | 1.6     | 1.01  | 89.3      | 77.5256 | 62.0132 |
| 2009 | 6     | 18  | 9    | 24     | 57     | 0.3       | 1.6     | 1.01  | 90.2      | 77.5256 | 62.1472 |
| 2009 | 6     | 18  | 9    | 34     | 57     | 0.3       | 1.6     | 0.99  | 89.6      | 77.6913 | 61.3052 |
| 2009 | 6     | 18  | 9    | 44     | 57     | 0.3       | 1.6     | 0.99  | 92.8      | 77.8571 | 61.5359 |
| 2009 | 6     | 18  | 9    | 54     | 57     | 0.3       | 1.6     | 1     | 90.7      | 78.023  | 62.1705 |
| 2009 | 6     | 18  | 10   | 4      | 57     | 0.3       | 1.6     | 0.97  | 91.7      | 78.023  | 60.8248 |
| 2009 | 6     | 18  | 10   | 14     | 57     | 0.3       | 1.6     | 0.96  | 89.8      | 78.189  | 60.6506 |
| 2009 | 6     | 18  | 10   | 24     | 57     | 0.3       | 1.6     | 0.95  | 89.2      | 78.3551 | 60.2058 |
| 2009 | 6     | 18  | 10   | 34     | 57     | 0.3       | 1.6     | 0.98  | 91        | 78.3551 | 61.2851 |
| 2009 | 6     | 18  | 10   | 44     | 57     | 0.3       | 1.6     | 0.95  | 90.2      | 78.5213 | 60.1648 |
| 2009 | 6     | 18  | 10   | 54     | 57     | 0.3       | 1.6     | 0.98  | 89.6      | 78.5213 | 61.3806 |
| 2009 | 6     | 18  | 11   | 4      | 57     | 0.3       | 1.6     | 1     | 91.3      | 78.8539 | 62.5193 |
| 2009 | 6     | 18  | 11   | 14     | 57     | 0.3       | 1.6     | 1     | 87.9      | 78.8539 | 62.5193 |
| 2009 | 6     | 18  | 11   | 24     | 57     | 0.3       | 1.6     | 0.96  | 88.4      | 78.8539 | 60.6233 |
| 2009 | 6     | 18  | 11   | 34     | 57     | 0.3       | 1.6     | 0.97  | 90        | 79.0203 | 61.3953 |
| 2009 | 6     | 18  | 11   | 44     | 57     | 0.3       | 1.6     | 1     | 90.2      | 79.0203 | 62.4801 |
| 2009 | 6     | 18  | 11   | 54     | 57     | 0.3       | 1.6     | 0.98  | 89.4      | 79.0203 | 61.8021 |
| 2009 | 6     | 18  | 12   | 4      | 57     | 0.3       | 1.6     | 0.99  | 89.1      | 79.1869 | 62.3047 |
| 2009 | 6     | 18  | 12   | 14     | 57     | 0.3       | 1.6     | 1.04  | 89.5      | 79.1869 | 64.2054 |
| 2009 | 6     | 18  | 12   | 24     | 57     | 0.3       | 1.6     | 0.97  | 86.5      | 79.3535 | 61.313  |
| 2009 | 6     | 18  | 12   | 34     | 57     | 0.3       | 1.6     | 1     | 87.7      | 79.3535 | 62.8083 |
| 2009 | 6     | 18  | 12   | 44     | 57     | 0.3       | 1.6     | 0.98  | 89        | 79.3535 | 61.9927 |
| 2009 | 6     | 18  | 12   | 54     | 57     | 0.3       | 1.6     | 0.99  | 90.2      | 79.3535 | 62.5364 |
| 2009 | 6     | 18  | 13   | 4      | 57     | 0.3       | 1.6     | 0.97  | 88.4      | 79.5202 | 61.5435 |
| 2009 | 6     | 18  | 13   | 14     | 57     | 0.3       | 1.6     | 1.02  | 88.5      | 79.5202 | 63.7211 |
| 2009 | 6     | 18  | 13   | 24     | 57     | 0.3       | 1.6     | 1.01  | 88.5      | 79.5202 | 63.4489 |
| 2009 | 6     | 18  | 13   | 34     | 57     | 0.3       | 1.6     | 0.99  | 92.9      | 79.687  | 62.3192 |
| 2009 | 6     | 18  | 13   | 43     | 43     | 0.3       | 1.6     | 1.02  | 90        | 79.6961 | 63.8815 |
| 2009 | 6     | 18  | 13   | 53     | 43     | 0.3       | 1.6     | 0.88  | 91.9      | 79.863  | 58.2401 |
| 2009 | 6     | 18  | 14   | 3      | 43     | 0.3       | 1.6     | 0.98  | 92.7      | 80.03   | 62.1606 |
| 2009 | 6     | 18  | 14   | 13     | 43     | 0.3       | 1.6     | 1.01  | 89.4      | 80.3642 | 63.8584 |
| 2009 | 6     | 18  | 14   | 23     | 43     | 0.3       | 1.6     | 0.99  | 91.1      | 80.5315 | 62.9936 |
| 2009 | 6     | 18  | 14   | 33     | 43     | 0.3       | 1.6     | 0.99  | 90.2      | 80.6988 | 63.3637 |
| 2009 | 6     | 18  | 14   | 43     | 43     | 0.3       | 1.6     | 0.97  | 91.7      | 80.8663 | 62.4956 |
| 2009 | 6     | 18  | 14   | 53     | 43     | 0.3       | 1.6     | 0.9   | 92.3      | 81.0338 | 59.4203 |
| 2009 | 6     | 18  | 15   | 3      | 43     | 0.3       | 1.6     | 0.99  | 88.9      | 81.0338 | 63.4166 |
| 2009 | 6     | 18  | 15   | 13     | 43     | 0.3       | 1.6     | 1.03  | 90.2      | 81.2014 | 65.0293 |
| 2009 | 6     | 18  | 15   | 23     | 43     | 0.3       | 1.6     | 0.94  | 92        | 81.2014 | 61.1662 |
| 2009 | 6     | 18  | 15   | 33     | 43     | 0.3       | 1.6     | 0.95  | 90.4      | 81.3691 | 61.8109 |
| 2009 | 6     | 18  | 15   | 43     | 43     | 0.3       | 1.6     | 0.97  | 93.5      | 81.3691 | 62.6397 |
| 2009 | 6     | 18  | 15   | 53     | 43     | 0.3       | 1.6     | 0.94  | 88.2      | 81.3691 | 61.5346 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 18  | 16   | 3      | 43     | 0.3       | 1.6     | 0.99  | 87.9      | 81.5369 | 63.7015 |
| 2009 | 6     | 18  | 16   | 13     | 43     | 0.3       | 1.6     | 0.91  | 88.8      | 81.5369 | 60.3824 |
| 2009 | 6     | 18  | 16   | 23     | 43     | 0.3       | 1.6     | 0.91  | 90.4      | 81.5369 | 60.2441 |
| 2009 | 6     | 18  | 16   | 33     | 43     | 0.3       | 1.6     | 0.94  | 90.6      | 81.5369 | 61.7654 |
| 2009 | 6     | 18  | 16   | 43     | 43     | 0.3       | 1.6     | 0.99  | 91        | 81.5369 | 63.5632 |
| 2009 | 6     | 18  | 16   | 53     | 43     | 0.3       | 1.6     | 1.02  | 89.6      | 81.7048 | 65.1809 |
| 2009 | 6     | 18  | 17   | 3      | 43     | 0.3       | 1.6     | 0.97  | 90        | 81.7048 | 62.9656 |
| 2009 | 6     | 18  | 17   | 13     | 43     | 0.3       | 1.6     | 1.02  | 88.3      | 81.7048 | 65.1809 |
| 2009 | 6     | 18  | 17   | 23     | 43     | 0.3       | 1.6     | 1     | 89.6      | 81.7048 | 64.0732 |
| 2009 | 6     | 18  | 17   | 33     | 43     | 0.3       | 1.6     | 0.99  | 90        | 81.8728 | 63.7524 |
| 2009 | 6     | 18  | 17   | 43     | 43     | 0.3       | 1.6     | 0.98  | 88.7      | 81.8728 | 63.6138 |
| 2009 | 6     | 18  | 17   | 53     | 43     | 0.3       | 1.6     | 0.99  | 90.9      | 82.0409 | 63.9857 |
| 2009 | 6     | 18  | 18   | 3      | 43     | 0.3       | 1.6     | 0.98  | 89.8      | 82.209  | 63.5245 |
| 2009 | 6     | 18  | 18   | 13     | 43     | 0.3       | 1.6     | 0.99  | 90.4      | 82.3773 | 64.1748 |
| 2009 | 6     | 18  | 18   | 23     | 43     | 0.3       | 1.6     | 1.01  | 90.6      | 82.5456 | 65.1049 |
| 2009 | 6     | 18  | 18   | 33     | 43     | 0.3       | 1.6     | 1.01  | 90.4      | 82.714  | 65.0608 |
| 2009 | 6     | 18  | 18   | 43     | 43     | 0.3       | 1.6     | 0.99  | 89.2      | 82.714  | 64.503  |
| 2009 | 6     | 18  | 18   | 53     | 43     | 0.3       | 1.6     | 1     | 88.5      | 82.714  | 64.9213 |
| 2009 | 6     | 18  | 19   | 3      | 43     | 0.3       | 1.6     | 0.99  | 90        | 82.714  | 64.503  |
| 2009 | 6     | 18  | 19   | 13     | 43     | 0.3       | 1.6     | 0.95  | 88.6      | 82.8825 | 62.643  |
| 2009 | 6     | 18  | 19   | 23     | 43     | 0.3       | 1.6     | 0.93  | 89.2      | 82.8825 | 61.6657 |
| 2009 | 6     | 18  | 19   | 33     | 43     | 0.3       | 1.6     | 0.97  | 91.9      | 83.0512 | 63.7134 |
| 2009 | 6     | 18  | 19   | 43     | 43     | 0.3       | 1.6     | 1.01  | 90.9      | 83.0512 | 65.2508 |
| 2009 | 6     | 18  | 19   | 53     | 43     | 0.3       | 1.6     | 1.03  | 90        | 83.0512 | 66.3689 |
| 2009 | 6     | 18  | 20   | 3      | 43     | 0.3       | 1.6     | 1     | 90        | 83.0512 | 64.9713 |
| 2009 | 6     | 18  | 20   | 13     | 43     | 0.3       | 1.6     | 1     | 91.5      | 83.0512 | 65.111  |
| 2009 | 6     | 18  | 20   | 23     | 43     | 0.3       | 1.6     | 0.99  | 91.3      | 83.2199 | 64.786  |
| 2009 | 6     | 18  | 20   | 33     | 43     | 0.3       | 1.6     | 1.01  | 88.9      | 83.2199 | 65.3457 |
| 2009 | 6     | 18  | 20   | 43     | 43     | 0.3       | 1.6     | 1.02  | 90.7      | 83.2199 | 65.7655 |
| 2009 | 6     | 18  | 20   | 53     | 43     | 0.3       | 1.6     | 0.98  | 88.7      | 83.2199 | 64.3662 |
| 2009 | 6     | 18  | 21   | 3      | 43     | 0.3       | 1.6     | 0.94  | 90.4      | 83.3886 | 62.7789 |
| 2009 | 6     | 18  | 21   | 13     | 43     | 0.3       | 1.6     | 0.97  | 90.4      | 83.3886 | 63.8996 |
| 2009 | 6     | 18  | 21   | 23     | 43     | 0.3       | 1.6     | 1.03  | 91.6      | 83.3886 | 66.5612 |
| 2009 | 6     | 18  | 21   | 33     | 43     | 0.3       | 1.6     | 1.02  | 90        | 83.3886 | 65.8608 |
| 2009 | 6     | 18  | 21   | 43     | 43     | 0.3       | 1.6     | 1     | 92.3      | 83.5575 | 65.2548 |
| 2009 | 6     | 18  | 21   | 53     | 43     | 0.3       | 1.6     | 0.99  | 88.5      | 83.5575 | 64.834  |
| 2009 | 6     | 18  | 22   | 3      | 43     | 0.3       | 1.6     | 1     | 87        | 83.7265 | 65.2087 |
| 2009 | 6     | 18  | 22   | 13     | 43     | 0.3       | 1.6     | 0.95  | 90        | 84.0647 | 63.5674 |
| 2009 | 6     | 18  | 22   | 23     | 43     | 0.3       | 1.6     | 1     | 90        | 84.2339 | 65.7725 |
| 2009 | 6     | 18  | 22   | 33     | 43     | 0.3       | 1.6     | 1     | 88.7      | 84.4032 | 65.8667 |
| 2009 | 6     | 18  | 22   | 43     | 43     | 0.3       | 1.6     | 0.99  | 90.4      | 84.4032 | 65.4435 |
| 2009 | 6     | 18  | 22   | 53     | 43     | 0.3       | 1.6     | 0.99  | 91.3      | 84.5726 | 65.2547 |
| 2009 | 6     | 18  | 23   | 3      | 43     | 0.3       | 1.6     | 1.03  | 89.8      | 84.5726 | 67.2316 |
| 2009 | 6     | 18  | 23   | 13     | 43     | 0.3       | 1.6     | 1.01  | 91.3      | 84.7421 | 66.3375 |
| 2009 | 6     | 18  | 23   | 23     | 43     | 0.3       | 1.6     | 0.96  | 89.2      | 84.7421 | 64.3584 |
| 2009 | 6     | 18  | 23   | 33     | 43     | 0.3       | 1.6     | 0.94  | 89.6      | 84.9117 | 63.1768 |
| 2009 | 6     | 18  | 23   | 43     | 43     | 0.3       | 1.6     | 1     | 88.3      | 84.9117 | 65.8656 |
| 2009 | 6     | 18  | 23   | 53     | 43     | 0.3       | 1.6     | 0.94  | 85.8      | 84.9117 | 63.1768 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 19  | 0    | 3      | 43     | 0.3       | 1.6     | 1.01  | 89.8      | 84.9117 | 66.4317 |
| 2009 | 6     | 19  | 0    | 13     | 43     | 0.3       | 1.6     | 1.01  | 88.3      | 85.0814 | 66.5259 |
| 2009 | 6     | 19  | 0    | 23     | 43     | 0.3       | 1.6     | 1     | 89.2      | 85.0814 | 66.1008 |
| 2009 | 6     | 19  | 0    | 33     | 43     | 0.3       | 1.6     | 0.92  | 89.4      | 85.0814 | 62.4172 |
| 2009 | 6     | 19  | 0    | 43     | 43     | 0.3       | 1.6     | 1     | 90.4      | 85.0814 | 65.9591 |
| 2009 | 6     | 19  | 0    | 53     | 43     | 0.3       | 1.6     | 1     | 86        | 85.2512 | 65.9108 |
| 2009 | 6     | 19  | 1    | 3      | 43     | 0.3       | 1.6     | 0.96  | 88.8      | 85.2512 | 64.3506 |
| 2009 | 6     | 19  | 1    | 13     | 43     | 0.3       | 1.6     | 0.98  | 87.7      | 85.2512 | 65.2016 |
| 2009 | 6     | 19  | 1    | 23     | 43     | 0.3       | 1.6     | 0.98  | 88.9      | 85.421  | 65.578  |
| 2009 | 6     | 19  | 1    | 33     | 43     | 0.3       | 1.6     | 0.96  | 90.2      | 85.421  | 64.584  |
| 2009 | 6     | 19  | 1    | 43     | 43     | 0.3       | 1.6     | 1.01  | 89.8      | 85.591  | 66.6656 |
| 2009 | 6     | 19  | 1    | 53     | 43     | 0.3       | 1.6     | 1.01  | 89.3      | 85.591  | 66.8078 |
| 2009 | 6     | 19  | 2    | 3      | 43     | 0.3       | 1.6     | 1.05  | 90.7      | 85.761  | 68.467  |
| 2009 | 6     | 19  | 2    | 13     | 43     | 0.3       | 1.6     | 0.96  | 89.2      | 86.1014 | 64.8072 |
| 2009 | 6     | 19  | 2    | 23     | 43     | 0.3       | 1.6     | 1.05  | 90        | 86.2717 | 68.8958 |
| 2009 | 6     | 19  | 2    | 33     | 43     | 0.3       | 1.6     | 0.97  | 89.2      | 86.4421 | 65.7038 |
| 2009 | 6     | 19  | 2    | 43     | 43     | 0.3       | 1.6     | 0.97  | 90        | 86.4421 | 65.7038 |
| 2009 | 6     | 19  | 2    | 53     | 43     | 0.3       | 1.6     | 1.01  | 90        | 86.4421 | 67.276  |
| 2009 | 6     | 19  | 3    | 3      | 43     | 0.3       | 1.6     | 1.04  | 89.5      | 86.6126 | 68.8002 |
| 2009 | 6     | 19  | 3    | 13     | 43     | 0.3       | 1.6     | 1     | 90        | 86.6126 | 66.9402 |
| 2009 | 6     | 19  | 3    | 23     | 43     | 0.3       | 1.6     | 1     | 90        | 86.7831 | 67.033  |
| 2009 | 6     | 19  | 3    | 33     | 43     | 0.3       | 1.6     | 0.98  | 91.9      | 86.7831 | 66.3168 |
| 2009 | 6     | 19  | 3    | 43     | 43     | 0.3       | 1.6     | 1.03  | 90        | 86.7831 | 68.4653 |
| 2009 | 6     | 19  | 3    | 53     | 43     | 0.3       | 1.6     | 1.02  | 88.2      | 86.7831 | 67.8924 |
| 2009 | 6     | 19  | 4    | 3      | 43     | 0.3       | 1.6     | 1.04  | 89.3      | 86.9538 | 68.9898 |
| 2009 | 6     | 19  | 4    | 13     | 43     | 0.3       | 1.6     | 1     | 89.8      | 86.9538 | 67.2692 |
| 2009 | 6     | 19  | 4    | 23     | 43     | 0.3       | 1.6     | 0.99  | 89.4      | 86.9538 | 66.6956 |
| 2009 | 6     | 19  | 4    | 33     | 43     | 0.3       | 1.6     | 1.04  | 89.6      | 86.9538 | 68.703  |
| 2009 | 6     | 19  | 4    | 43     | 43     | 0.3       | 1.6     | 0.95  | 90.4      | 86.9538 | 65.1184 |
| 2009 | 6     | 19  | 4    | 53     | 43     | 0.3       | 1.6     | 0.99  | 90        | 86.9538 | 66.6956 |
| 2009 | 6     | 19  | 5    | 3      | 43     | 0.3       | 1.6     | 0.99  | 93.2      | 87.1245 | 66.7878 |
| 2009 | 6     | 19  | 5    | 13     | 43     | 0.3       | 1.6     | 0.97  | 88.8      | 87.1245 | 66.0701 |
| 2009 | 6     | 19  | 5    | 23     | 43     | 0.3       | 1.6     | 1     | 90        | 87.1245 | 67.362  |
| 2009 | 6     | 19  | 5    | 33     | 43     | 0.3       | 1.6     | 1.05  | 89.3      | 87.2954 | 69.3227 |
| 2009 | 6     | 19  | 5    | 43     | 43     | 0.3       | 1.6     | 1.01  | 90.2      | 87.2954 | 67.7421 |
| 2009 | 6     | 19  | 5    | 53     | 43     | 0.3       | 1.6     | 0.95  | 91        | 87.2954 | 64.8683 |
| 2009 | 6     | 19  | 6    | 3      | 43     | 0.3       | 1.6     | 0.99  | 91.5      | 87.2954 | 66.88   |
| 2009 | 6     | 19  | 6    | 13     | 43     | 0.3       | 1.6     | 0.99  | 91.1      | 87.4663 | 67.1158 |
| 2009 | 6     | 19  | 6    | 23     | 43     | 0.3       | 1.6     | 1.04  | 88.6      | 87.4663 | 69.2735 |
| 2009 | 6     | 19  | 6    | 33     | 43     | 0.3       | 1.6     | 1.02  | 90.7      | 87.4663 | 68.2666 |
| 2009 | 6     | 19  | 6    | 43     | 43     | 0.3       | 1.6     | 1.01  | 88.1      | 87.6373 | 67.7839 |
| 2009 | 6     | 19  | 6    | 53     | 43     | 0.3       | 1.6     | 0.95  | 89.4      | 87.8085 | 65.4261 |
| 2009 | 6     | 19  | 7    | 3      | 43     | 0.3       | 1.6     | 0.99  | 90.6      | 87.9797 | 67.2476 |
| 2009 | 6     | 19  | 7    | 13     | 43     | 0.3       | 1.6     | 1.02  | 89.4      | 88.151  | 68.7839 |
| 2009 | 6     | 19  | 7    | 23     | 43     | 0.3       | 1.6     | 0.96  | 90.4      | 88.151  | 66.0393 |
| 2009 | 6     | 19  | 7    | 33     | 43     | 0.3       | 1.6     | 0.98  | 89.6      | 88.3223 | 66.9972 |
| 2009 | 6     | 19  | 7    | 43     | 43     | 0.3       | 1.6     | 1.01  | 92.8      | 88.3223 | 68.2986 |
| 2009 | 6     | 19  | 7    | 53     | 43     | 0.3       | 1.6     | 1.03  | 87.6      | 88.3223 | 69.1662 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 19  | 8    | 3      | 43     | 0.3       | 1.6     | 1.01  | 88.5      | 88.4938 | 68.5358 |
| 2009 | 6     | 19  | 8    | 13     | 43     | 0.3       | 1.6     | 1     | 90.4      | 88.4938 | 68.1015 |
| 2009 | 6     | 19  | 8    | 23     | 43     | 0.3       | 1.6     | 1     | 89.1      | 88.4938 | 67.9568 |
| 2009 | 6     | 19  | 8    | 33     | 43     | 0.3       | 1.6     | 0.98  | 90.8      | 88.4938 | 67.233  |
| 2009 | 6     | 19  | 8    | 43     | 43     | 0.3       | 1.6     | 1.05  | 90.7      | 88.4938 | 70.2728 |
| 2009 | 6     | 19  | 8    | 53     | 43     | 0.3       | 1.6     | 1.06  | 89.5      | 88.6654 | 70.6569 |
| 2009 | 6     | 19  | 9    | 3      | 43     | 0.3       | 1.6     | 1     | 88.9      | 88.4938 | 68.1015 |
| 2009 | 6     | 19  | 9    | 13     | 43     | 0.3       | 1.6     | 0.97  | 88.5      | 88.6654 | 66.8895 |
| 2009 | 6     | 19  | 9    | 23     | 43     | 0.3       | 1.6     | 0.99  | 90        | 88.6654 | 67.614  |
| 2009 | 6     | 19  | 9    | 33     | 43     | 0.3       | 1.6     | 1.04  | 86.9      | 88.6654 | 69.7875 |
| 2009 | 6     | 19  | 9    | 43     | 43     | 0.3       | 1.6     | 1.01  | 90.6      | 88.6654 | 68.6283 |
| 2009 | 6     | 19  | 9    | 53     | 43     | 0.3       | 1.6     | 0.98  | 90.8      | 88.6654 | 67.0344 |
| 2009 | 6     | 19  | 10   | 3      | 43     | 0.3       | 1.6     | 1.06  | 87.5      | 88.6654 | 70.8018 |
| 2009 | 6     | 19  | 10   | 13     | 43     | 0.3       | 1.6     | 1.04  | 89.8      | 88.4938 | 69.6938 |
| 2009 | 6     | 19  | 10   | 23     | 43     | 0.3       | 1.6     | 0.99  | 90        | 88.6654 | 67.614  |
| 2009 | 6     | 19  | 10   | 33     | 43     | 0.3       | 1.6     | 0.98  | 88.9      | 88.4938 | 67.0883 |
| 2009 | 6     | 19  | 10   | 43     | 43     | 0.3       | 1.6     | 0.97  | 88.1      | 88.4938 | 66.7988 |
| 2009 | 6     | 19  | 10   | 53     | 43     | 0.3       | 1.6     | 0.97  | 87.5      | 88.4938 | 66.5093 |
| 2009 | 6     | 19  | 11   | 3      | 43     | 0.3       | 1.6     | 0.96  | 88        | 88.4938 | 65.9302 |
| 2009 | 6     | 19  | 11   | 13     | 43     | 0.3       | 1.6     | 1     | 88.3      | 88.4938 | 68.1015 |
| 2009 | 6     | 19  | 11   | 23     | 43     | 0.3       | 1.6     | 1.01  | 89.1      | 88.3223 | 68.154  |
| 2009 | 6     | 19  | 11   | 33     | 43     | 0.3       | 1.6     | 1.02  | 87.8      | 88.4938 | 68.8253 |
| 2009 | 6     | 19  | 11   | 43     | 43     | 0.3       | 1.6     | 0.98  | 88.8      | 88.3223 | 66.8526 |
| 2009 | 6     | 19  | 11   | 53     | 43     | 0.3       | 1.6     | 0.96  | 88.4      | 88.151  | 66.0393 |
| 2009 | 6     | 19  | 12   | 3      | 43     | 0.3       | 1.6     | 1.06  | 86.6      | 88.151  | 70.3728 |
| 2009 | 6     | 19  | 12   | 13     | 43     | 0.3       | 1.6     | 1.02  | 88        | 87.9797 | 68.6906 |
| 2009 | 6     | 19  | 12   | 23     | 43     | 0.3       | 1.6     | 0.96  | 91.4      | 87.9797 | 66.0932 |
| 2009 | 6     | 19  | 12   | 33     | 43     | 0.3       | 1.6     | 1.01  | 90.9      | 87.9797 | 68.2577 |
| 2009 | 6     | 19  | 12   | 43     | 43     | 0.3       | 1.6     | 1.02  | 90.7      | 87.9797 | 68.5463 |
| 2009 | 6     | 19  | 12   | 53     | 43     | 0.3       | 1.6     | 1.01  | 87.4      | 87.9797 | 68.1134 |
| 2009 | 6     | 19  | 13   | 3      | 43     | 0.3       | 1.6     | 1.01  | 90.4      | 87.8085 | 68.0207 |
| 2009 | 6     | 19  | 13   | 13     | 43     | 0.3       | 1.6     | 1.01  | 85.9      | 87.8085 | 68.0207 |
| 2009 | 6     | 19  | 13   | 23     | 43     | 0.3       | 1.6     | 1.01  | 88.3      | 87.8085 | 68.1649 |
| 2009 | 6     | 19  | 13   | 33     | 43     | 0.3       | 1.6     | 1     | 90.8      | 87.8085 | 67.5883 |
| 2009 | 6     | 19  | 13   | 43     | 43     | 0.3       | 1.6     | 1.01  | 87.8      | 87.8085 | 68.1649 |
| 2009 | 6     | 19  | 13   | 53     | 43     | 0.3       | 1.6     | 1.03  | 83.8      | 87.8085 | 68.7415 |
| 2009 | 6     | 19  | 14   | 3      | 43     | 0.3       | 1.6     | 0.96  | 86.3      | 87.6373 | 65.48   |
| 2009 | 6     | 19  | 14   | 13     | 43     | 0.3       | 1.6     | 1.01  | 87.4      | 87.6373 | 67.7839 |
| 2009 | 6     | 19  | 14   | 23     | 43     | 0.3       | 1.6     | 0.99  | 87.3      | 87.6373 | 66.776  |
| 2009 | 6     | 19  | 14   | 33     | 43     | 0.3       | 1.6     | 0.95  | 89.8      | 87.6373 | 65.192  |
| 2009 | 6     | 19  | 14   | 43     | 43     | 0.3       | 1.6     | 0.99  | 87.5      | 87.6373 | 67.064  |
| 2009 | 6     | 19  | 14   | 53     | 43     | 0.3       | 1.6     | 1.01  | 87.2      | 87.6373 | 68.0719 |
| 2009 | 6     | 19  | 15   | 3      | 43     | 0.3       | 1.6     | 0.95  | 88.2      | 87.6373 | 65.336  |
| 2009 | 6     | 19  | 15   | 13     | 43     | 0.3       | 1.6     | 0.96  | 88.6      | 87.6373 | 65.48   |
| 2009 | 6     | 19  | 15   | 23     | 43     | 0.3       | 1.6     | 0.98  | 86.2      | 87.4663 | 66.5405 |
| 2009 | 6     | 19  | 15   | 33     | 43     | 0.3       | 1.6     | 1.01  | 90.7      | 87.4663 | 67.6912 |
| 2009 | 6     | 19  | 15   | 43     | 43     | 0.3       | 1.6     | 1.02  | 87.6      | 87.4663 | 68.2666 |
| 2009 | 6     | 19  | 15   | 53     | 43     | 0.3       | 1.6     | 0.93  | 85.7      | 87.4663 | 64.0951 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 19  | 16   | 3      | 43     | 0.3       | 1.6     | 0.99  | 87.5      | 87.4663 | 66.972  |
| 2009 | 6     | 19  | 16   | 13     | 43     | 0.3       | 1.6     | 0.96  | 89.8      | 87.4663 | 65.5336 |
| 2009 | 6     | 19  | 16   | 23     | 43     | 0.3       | 1.6     | 1     | 86.4      | 87.2954 | 67.311  |
| 2009 | 6     | 19  | 16   | 33     | 43     | 0.3       | 1.6     | 0.96  | 88.2      | 87.2954 | 65.2993 |
| 2009 | 6     | 19  | 16   | 43     | 43     | 0.3       | 1.6     | 0.99  | 89.6      | 87.2954 | 67.0236 |
| 2009 | 6     | 19  | 16   | 53     | 43     | 0.3       | 1.6     | 0.99  | 87.1      | 87.2954 | 66.7363 |
| 2009 | 6     | 19  | 17   | 3      | 43     | 0.3       | 1.6     | 0.95  | 89        | 87.1245 | 65.2089 |
| 2009 | 6     | 19  | 17   | 13     | 43     | 0.3       | 1.6     | 1.01  | 86.4      | 87.1245 | 67.362  |
| 2009 | 6     | 19  | 17   | 23     | 43     | 0.3       | 1.6     | 0.99  | 87.7      | 86.9538 | 66.839  |
| 2009 | 6     | 19  | 17   | 33     | 43     | 0.3       | 1.6     | 0.98  | 88.7      | 86.9538 | 66.1221 |
| 2009 | 6     | 19  | 17   | 43     | 43     | 0.3       | 1.6     | 0.99  | 89.2      | 86.9538 | 66.839  |
| 2009 | 6     | 19  | 17   | 53     | 43     | 0.3       | 1.6     | 0.99  | 89.1      | 86.7831 | 66.7465 |
| 2009 | 6     | 19  | 18   | 3      | 43     | 0.3       | 1.6     | 0.95  | 86.6      | 86.7831 | 64.5981 |
| 2009 | 6     | 19  | 18   | 13     | 43     | 0.3       | 1.6     | 0.95  | 87.2      | 86.6126 | 64.794  |
| 2009 | 6     | 19  | 18   | 23     | 43     | 0.3       | 1.6     | 1.01  | 87.6      | 86.4421 | 67.4189 |
| 2009 | 6     | 19  | 18   | 33     | 43     | 0.3       | 1.6     | 0.97  | 86.7      | 86.2717 | 65.4693 |
| 2009 | 6     | 19  | 18   | 43     | 43     | 0.3       | 1.6     | 1     | 89.2      | 86.2717 | 66.6115 |
| 2009 | 6     | 19  | 18   | 53     | 43     | 0.3       | 1.6     | 0.97  | 89        | 86.1014 | 65.5202 |
| 2009 | 6     | 19  | 19   | 3      | 43     | 0.3       | 1.6     | 0.98  | 87.5      | 85.9311 | 65.5707 |
| 2009 | 6     | 19  | 19   | 13     | 43     | 0.3       | 1.6     | 0.99  | 90        | 85.9311 | 66.283  |
| 2009 | 6     | 19  | 19   | 23     | 43     | 0.3       | 1.6     | 1.02  | 89.4      | 85.9311 | 67.4227 |
| 2009 | 6     | 19  | 19   | 33     | 43     | 0.3       | 1.6     | 0.95  | 88.8      | 85.9311 | 64.4311 |
| 2009 | 6     | 19  | 19   | 43     | 43     | 0.3       | 1.6     | 0.98  | 86.7      | 85.761  | 65.3363 |
| 2009 | 6     | 19  | 19   | 53     | 43     | 0.3       | 1.6     | 1.01  | 85.7      | 85.761  | 66.9016 |
| 2009 | 6     | 19  | 20   | 3      | 43     | 0.3       | 1.6     | 1     | 90        | 85.761  | 66.4747 |
| 2009 | 6     | 19  | 20   | 13     | 43     | 0.3       | 1.6     | 1.03  | 86.7      | 85.591  | 67.3764 |
| 2009 | 6     | 19  | 20   | 23     | 43     | 0.3       | 1.6     | 1.01  | 90.9      | 85.591  | 66.6656 |
| 2009 | 6     | 19  | 20   | 33     | 43     | 0.3       | 1.6     | 1     | 90        | 85.591  | 66.2392 |
| 2009 | 6     | 19  | 20   | 43     | 43     | 0.3       | 1.6     | 1.13  | 90.7      | 85.591  | 71.9251 |
| 2009 | 6     | 19  | 20   | 53     | 43     | 0.3       | 1.6     | 0.97  | 85.9      | 85.591  | 65.102  |
| 2009 | 6     | 19  | 21   | 3      | 43     | 0.3       | 1.6     | 0.96  | 90.2      | 85.421  | 64.584  |
| 2009 | 6     | 19  | 21   | 13     | 43     | 0.3       | 1.6     | 1     | 90        | 85.421  | 66.2879 |
| 2009 | 6     | 19  | 21   | 23     | 43     | 0.3       | 1.6     | 0.99  | 88.7      | 85.421  | 65.862  |
| 2009 | 6     | 19  | 21   | 33     | 43     | 0.3       | 1.6     | 1     | 87.9      | 85.421  | 66.4299 |
| 2009 | 6     | 19  | 21   | 43     | 43     | 0.3       | 1.6     | 1.04  | 90.4      | 85.421  | 68.1338 |
| 2009 | 6     | 19  | 21   | 53     | 43     | 0.3       | 1.6     | 0.98  | 89.2      | 85.421  | 65.294  |
| 2009 | 6     | 19  | 22   | 3      | 43     | 0.3       | 1.6     | 1.05  | 88.4      | 85.2512 | 68.1801 |
| 2009 | 6     | 19  | 22   | 13     | 43     | 0.3       | 1.6     | 0.97  | 90.8      | 85.2512 | 64.7761 |
| 2009 | 6     | 19  | 22   | 23     | 43     | 0.3       | 1.6     | 1     | 90        | 85.2512 | 66.3363 |
| 2009 | 6     | 19  | 22   | 33     | 43     | 0.3       | 1.6     | 1     | 86.6      | 85.2512 | 66.0526 |
| 2009 | 6     | 19  | 22   | 43     | 43     | 0.3       | 1.6     | 1     | 91.3      | 85.2512 | 66.1944 |
| 2009 | 6     | 19  | 22   | 53     | 43     | 0.3       | 1.6     | 0.99  | 87.7      | 85.2512 | 65.7689 |
| 2009 | 6     | 19  | 23   | 3      | 43     | 0.3       | 1.6     | 0.97  | 88.2      | 85.2512 | 64.6342 |
| 2009 | 6     | 19  | 23   | 13     | 43     | 0.3       | 1.6     | 1.01  | 90        | 85.2512 | 66.6199 |
| 2009 | 6     | 19  | 23   | 23     | 43     | 0.3       | 1.6     | 1.04  | 89.5      | 85.0814 | 67.8009 |
| 2009 | 6     | 19  | 23   | 33     | 43     | 0.3       | 1.6     | 1     | 88.9      | 85.0814 | 65.9591 |
| 2009 | 6     | 19  | 23   | 43     | 43     | 0.3       | 1.6     | 1.04  | 90.2      | 85.0814 | 67.6593 |
| 2009 | 6     | 19  | 23   | 53     | 43     | 0.3       | 1.6     | 1.03  | 88.4      | 85.0814 | 67.5176 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 20  | 0    | 3      | 43     | 0.3       | 1.6     | 0.95  | 90.2      | 85.0814 | 63.834  |
| 2009 | 6     | 20  | 0    | 13     | 43     | 0.3       | 1.6     | 0.94  | 87.4      | 84.9117 | 63.4598 |
| 2009 | 6     | 20  | 0    | 23     | 43     | 0.3       | 1.6     | 0.99  | 87.9      | 84.9117 | 65.5826 |
| 2009 | 6     | 20  | 0    | 33     | 43     | 0.3       | 1.6     | 0.97  | 91.9      | 85.0814 | 64.9674 |
| 2009 | 6     | 20  | 0    | 43     | 43     | 0.3       | 1.6     | 1     | 89.8      | 85.0814 | 66.2425 |
| 2009 | 6     | 20  | 0    | 53     | 43     | 0.3       | 1.6     | 0.99  | 85.8      | 84.9117 | 65.4411 |
| 2009 | 6     | 20  | 1    | 3      | 43     | 0.3       | 1.6     | 1.04  | 90.7      | 84.9117 | 67.5639 |
| 2009 | 6     | 20  | 1    | 13     | 43     | 0.3       | 1.6     | 1.05  | 88.2      | 84.9117 | 68.1299 |
| 2009 | 6     | 20  | 1    | 23     | 43     | 0.3       | 1.6     | 0.97  | 91.7      | 84.9117 | 64.7335 |
| 2009 | 6     | 20  | 1    | 33     | 43     | 0.3       | 1.6     | 1.01  | 90        | 84.9117 | 66.4317 |
| 2009 | 6     | 20  | 1    | 43     | 43     | 0.3       | 1.6     | 1.05  | 89.3      | 84.9117 | 68.2715 |
| 2009 | 6     | 20  | 1    | 53     | 43     | 0.3       | 1.6     | 1     | 88.5      | 84.9117 | 66.1487 |
| 2009 | 6     | 20  | 2    | 3      | 43     | 0.3       | 1.6     | 1     | 89.3      | 84.9117 | 66.1487 |
| 2009 | 6     | 20  | 2    | 13     | 43     | 0.3       | 1.6     | 1.04  | 90        | 84.7421 | 67.7511 |
| 2009 | 6     | 20  | 2    | 23     | 43     | 0.3       | 1.6     | 0.97  | 89.4      | 84.9117 | 64.592  |
| 2009 | 6     | 20  | 2    | 33     | 43     | 0.3       | 1.6     | 0.98  | 92.7      | 84.9117 | 65.0165 |
| 2009 | 6     | 20  | 2    | 43     | 43     | 0.3       | 1.6     | 0.96  | 89.2      | 84.7421 | 64.3584 |
| 2009 | 6     | 20  | 2    | 53     | 43     | 0.3       | 1.6     | 0.97  | 88.8      | 84.7421 | 64.4998 |
| 2009 | 6     | 20  | 3    | 3      | 43     | 0.3       | 1.6     | 1.04  | 89.6      | 84.7421 | 67.7511 |
| 2009 | 6     | 20  | 3    | 13     | 43     | 0.3       | 1.6     | 1.02  | 93.3      | 84.7421 | 66.6202 |
| 2009 | 6     | 20  | 3    | 23     | 43     | 0.3       | 1.6     | 1.05  | 90.2      | 84.7421 | 67.8925 |
| 2009 | 6     | 20  | 3    | 33     | 43     | 0.3       | 1.6     | 1.01  | 90        | 84.7421 | 66.3375 |
| 2009 | 6     | 20  | 3    | 43     | 43     | 0.3       | 1.6     | 0.98  | 87.5      | 84.5726 | 64.8311 |
| 2009 | 6     | 20  | 3    | 53     | 43     | 0.3       | 1.6     | 0.98  | 90.8      | 84.5726 | 64.8311 |
| 2009 | 6     | 20  | 4    | 3      | 43     | 0.3       | 1.6     | 1     | 93.6      | 84.5726 | 65.6783 |
| 2009 | 6     | 20  | 4    | 13     | 43     | 0.3       | 1.6     | 1.06  | 90        | 84.4032 | 68.4055 |
| 2009 | 6     | 20  | 4    | 23     | 43     | 0.3       | 1.6     | 1.02  | 90.2      | 84.2339 | 66.6178 |
| 2009 | 6     | 20  | 4    | 33     | 43     | 0.3       | 1.6     | 1.02  | 89.3      | 84.0647 | 66.5226 |
| 2009 | 6     | 20  | 4    | 43     | 43     | 0.3       | 1.6     | 1.03  | 91.5      | 84.2339 | 67.0405 |
| 2009 | 6     | 20  | 4    | 53     | 43     | 0.3       | 1.6     | 0.96  | 91        | 84.4032 | 64.1741 |
| 2009 | 6     | 20  | 5    | 3      | 43     | 0.3       | 1.6     | 0.99  | 91.9      | 84.4032 | 65.1614 |
| 2009 | 6     | 20  | 5    | 13     | 43     | 0.3       | 1.6     | 0.94  | 90.8      | 84.4032 | 63.1868 |
| 2009 | 6     | 20  | 5    | 23     | 43     | 0.3       | 1.6     | 0.97  | 92.7      | 84.4032 | 64.3152 |
| 2009 | 6     | 20  | 5    | 33     | 43     | 0.3       | 1.6     | 1.01  | 89.1      | 84.4032 | 66.2898 |
| 2009 | 6     | 20  | 5    | 43     | 43     | 0.3       | 1.6     | 1.01  | 90        | 84.4032 | 66.2898 |
| 2009 | 6     | 20  | 5    | 53     | 43     | 0.3       | 1.6     | 0.95  | 87.2      | 84.4032 | 63.61   |
| 2009 | 6     | 20  | 6    | 3      | 43     | 0.3       | 1.6     | 1.03  | 88.4      | 84.4032 | 66.995  |
| 2009 | 6     | 20  | 6    | 13     | 43     | 0.3       | 1.6     | 1     | 89.2      | 84.2339 | 65.4907 |
| 2009 | 6     | 20  | 6    | 23     | 43     | 0.3       | 1.6     | 0.96  | 90.2      | 84.2339 | 63.8001 |
| 2009 | 6     | 20  | 6    | 33     | 43     | 0.3       | 1.6     | 0.99  | 91.7      | 84.2339 | 65.3498 |
| 2009 | 6     | 20  | 6    | 43     | 43     | 0.3       | 1.6     | 0.98  | 91        | 84.2339 | 64.7863 |
| 2009 | 6     | 20  | 6    | 53     | 43     | 0.3       | 1.6     | 0.99  | 91.7      | 84.0647 | 65.2561 |
| 2009 | 6     | 20  | 7    | 3      | 43     | 0.3       | 1.6     | 0.97  | 92.9      | 83.8955 | 64.0377 |
| 2009 | 6     | 20  | 7    | 13     | 43     | 0.3       | 1.6     | 1.02  | 90        | 84.0647 | 66.5226 |
| 2009 | 6     | 20  | 7    | 23     | 43     | 0.3       | 1.6     | 1.05  | 90        | 83.8955 | 67.6924 |
| 2009 | 6     | 20  | 7    | 33     | 43     | 0.3       | 1.6     | 0.97  | 89.8      | 83.7265 | 63.945  |
| 2009 | 6     | 20  | 7    | 43     | 43     | 0.3       | 1.6     | 1.03  | 90        | 83.7265 | 66.4724 |
| 2009 | 6     | 20  | 7    | 53     | 43     | 0.3       | 1.6     | 1.04  | 91.1      | 83.7265 | 67.034  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 20  | 8    | 3      | 43     | 0.3       | 1.6     | 1.01  | 90.6      | 83.7265 | 65.9107 |
| 2009 | 6     | 20  | 8    | 13     | 43     | 0.3       | 1.6     | 0.93  | 90        | 83.5575 | 62.1693 |
| 2009 | 6     | 20  | 8    | 23     | 43     | 0.3       | 1.6     | 1.03  | 88.7      | 83.5575 | 66.3768 |
| 2009 | 6     | 20  | 8    | 33     | 43     | 0.3       | 1.6     | 0.97  | 89.4      | 83.5575 | 64.1328 |
| 2009 | 6     | 20  | 8    | 43     | 43     | 0.3       | 1.6     | 0.97  | 90.8      | 83.5575 | 64.1328 |
| 2009 | 6     | 20  | 8    | 53     | 43     | 0.3       | 1.6     | 1.05  | 90        | 83.3886 | 67.4017 |
| 2009 | 6     | 20  | 9    | 3      | 43     | 0.3       | 1.6     | 1.01  | 91.7      | 83.3886 | 65.5806 |
| 2009 | 6     | 20  | 9    | 13     | 43     | 0.3       | 1.6     | 1.07  | 88.6      | 83.3886 | 68.2423 |
| 2009 | 6     | 20  | 9    | 23     | 43     | 0.3       | 1.6     | 1.02  | 91.3      | 83.3886 | 66.141  |
| 2009 | 6     | 20  | 9    | 33     | 43     | 0.3       | 1.6     | 0.99  | 91.3      | 83.3886 | 64.8802 |
| 2009 | 6     | 20  | 9    | 43     | 43     | 0.3       | 1.6     | 0.99  | 89.1      | 83.3886 | 64.8802 |
| 2009 | 6     | 20  | 9    | 53     | 43     | 0.3       | 1.6     | 0.98  | 92.3      | 83.3886 | 64.3198 |
| 2009 | 6     | 20  | 10   | 3      | 43     | 0.3       | 1.6     | 0.95  | 88.8      | 83.3886 | 63.1991 |
| 2009 | 6     | 20  | 10   | 13     | 43     | 0.3       | 1.6     | 0.97  | 90.6      | 83.3886 | 63.8996 |
| 2009 | 6     | 20  | 10   | 23     | 43     | 0.3       | 1.6     | 1.05  | 90.7      | 83.3886 | 67.4017 |
| 2009 | 6     | 20  | 10   | 33     | 43     | 0.3       | 1.6     | 1     | 93        | 83.3886 | 64.8802 |
| 2009 | 6     | 20  | 10   | 43     | 43     | 0.3       | 1.6     | 1     | 87.7      | 83.3886 | 65.0203 |
| 2009 | 6     | 20  | 10   | 53     | 43     | 0.3       | 1.6     | 0.97  | 89.2      | 83.3886 | 63.8996 |
| 2009 | 6     | 20  | 11   | 3      | 43     | 0.3       | 1.6     | 1.02  | 93.7      | 83.2199 | 65.7655 |
| 2009 | 6     | 20  | 11   | 13     | 43     | 0.3       | 1.6     | 0.99  | 90.8      | 83.2199 | 64.6461 |
| 2009 | 6     | 20  | 11   | 23     | 43     | 0.3       | 1.6     | 0.98  | 90.4      | 83.2199 | 64.2263 |
| 2009 | 6     | 20  | 11   | 33     | 43     | 0.3       | 1.6     | 0.94  | 88.6      | 83.2199 | 62.4073 |
| 2009 | 6     | 20  | 11   | 43     | 43     | 0.3       | 1.6     | 0.98  | 89.2      | 83.2199 | 64.3662 |
| 2009 | 6     | 20  | 11   | 53     | 43     | 0.3       | 1.6     | 0.96  | 89.4      | 83.2199 | 63.2468 |
| 2009 | 6     | 20  | 12   | 3      | 43     | 0.3       | 1.6     | 0.9   | 92.9      | 83.2199 | 60.7282 |
| 2009 | 6     | 20  | 12   | 13     | 43     | 0.3       | 1.6     | 0.95  | 91        | 83.2199 | 63.1069 |
| 2009 | 6     | 20  | 12   | 23     | 43     | 0.3       | 1.6     | 0.94  | 89.4      | 83.0512 | 62.176  |
| 2009 | 6     | 20  | 12   | 33     | 43     | 0.3       | 1.6     | 0.97  | 91.9      | 83.0512 | 63.4339 |
| 2009 | 6     | 20  | 12   | 43     | 43     | 0.3       | 1.6     | 0.9   | 92.9      | 83.0512 | 60.4988 |
| 2009 | 6     | 20  | 12   | 53     | 43     | 0.3       | 1.6     | 0.94  | 91.6      | 82.8825 | 62.3638 |
| 2009 | 6     | 20  | 13   | 3      | 43     | 0.3       | 1.6     | 0.98  | 89.2      | 83.0512 | 63.9929 |
| 2009 | 6     | 20  | 13   | 13     | 43     | 0.3       | 1.6     | 0.93  | 93.2      | 83.0512 | 62.0362 |
| 2009 | 6     | 20  | 13   | 23     | 43     | 0.3       | 1.6     | 0.97  | 89.2      | 83.0512 | 63.7134 |
| 2009 | 6     | 20  | 13   | 33     | 43     | 0.3       | 1.6     | 1.01  | 90        | 82.8825 | 65.1558 |
| 2009 | 6     | 20  | 13   | 43     | 43     | 0.3       | 1.6     | 0.98  | 86.5      | 82.8825 | 63.8994 |
| 2009 | 6     | 20  | 13   | 53     | 43     | 0.3       | 1.6     | 0.97  | 90        | 82.714  | 63.3875 |
| 2009 | 6     | 20  | 14   | 3      | 43     | 0.3       | 1.6     | 1.02  | 89.3      | 82.714  | 65.6185 |
| 2009 | 6     | 20  | 14   | 13     | 43     | 0.3       | 1.6     | 0.94  | 88        | 82.714  | 62.1325 |
| 2009 | 6     | 20  | 14   | 23     | 43     | 0.3       | 1.6     | 1.01  | 90.7      | 82.5456 | 65.1049 |
| 2009 | 6     | 20  | 14   | 33     | 43     | 0.3       | 1.6     | 0.99  | 90.9      | 82.3773 | 64.3139 |
| 2009 | 6     | 20  | 14   | 43     | 43     | 0.3       | 1.6     | 0.99  | 89.4      | 82.3773 | 64.0357 |
| 2009 | 6     | 20  | 14   | 53     | 43     | 0.3       | 1.6     | 0.99  | 88.1      | 82.3773 | 64.3139 |
| 2009 | 6     | 20  | 15   | 3      | 43     | 0.3       | 1.6     | 1.02  | 89.8      | 82.209  | 65.3309 |
| 2009 | 6     | 20  | 15   | 13     | 43     | 0.3       | 1.6     | 0.98  | 88.3      | 82.209  | 63.8024 |
| 2009 | 6     | 20  | 15   | 23     | 43     | 0.3       | 1.6     | 0.95  | 89        | 82.209  | 62.4129 |
| 2009 | 6     | 20  | 15   | 33     | 43     | 0.3       | 1.6     | 0.93  | 89.8      | 82.3773 | 61.3925 |
| 2009 | 6     | 20  | 15   | 43     | 43     | 0.3       | 1.6     | 1.01  | 90        | 82.3773 | 64.8704 |
| 2009 | 6     | 20  | 15   | 53     | 43     | 0.3       | 1.6     | 0.98  | 91.9      | 82.209  | 63.6634 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 20  | 16   | 3      | 43     | 0.3       | 1.6     | 0.99  | 90.9      | 82.3773 | 64.3139 |
| 2009 | 6     | 20  | 16   | 13     | 43     | 0.3       | 1.6     | 0.98  | 88.5      | 82.209  | 63.8024 |
| 2009 | 6     | 20  | 16   | 23     | 43     | 0.3       | 1.6     | 1.03  | 89.6      | 82.209  | 65.6088 |
| 2009 | 6     | 20  | 16   | 33     | 43     | 0.3       | 1.6     | 0.96  | 86.3      | 82.209  | 62.5518 |
| 2009 | 6     | 20  | 16   | 43     | 43     | 0.3       | 1.6     | 0.97  | 89.4      | 82.209  | 63.1076 |
| 2009 | 6     | 20  | 16   | 53     | 43     | 0.3       | 1.6     | 0.93  | 90        | 82.3773 | 61.3925 |
| 2009 | 6     | 20  | 17   | 3      | 43     | 0.3       | 1.6     | 0.98  | 89.4      | 82.3773 | 63.6183 |
| 2009 | 6     | 20  | 17   | 13     | 43     | 0.3       | 1.6     | 0.98  | 91.9      | 82.5456 | 63.9907 |
| 2009 | 6     | 20  | 17   | 23     | 43     | 0.3       | 1.6     | 1.01  | 89.6      | 82.5456 | 64.9656 |
| 2009 | 6     | 20  | 17   | 33     | 43     | 0.3       | 1.6     | 0.99  | 92.1      | 82.714  | 64.503  |
| 2009 | 6     | 20  | 17   | 43     | 43     | 0.3       | 1.6     | 1.03  | 90        | 82.714  | 65.8974 |
| 2009 | 6     | 20  | 17   | 53     | 43     | 0.3       | 1.6     | 0.98  | 88.5      | 82.714  | 63.8058 |
| 2009 | 6     | 20  | 18   | 3      | 43     | 0.3       | 1.6     | 0.99  | 90        | 82.714  | 64.2241 |
| 2009 | 6     | 20  | 18   | 13     | 43     | 0.3       | 1.6     | 1.01  | 88.5      | 82.8825 | 65.1558 |
| 2009 | 6     | 20  | 18   | 23     | 43     | 0.3       | 1.6     | 1.04  | 87.1      | 82.8825 | 66.6914 |
| 2009 | 6     | 20  | 18   | 33     | 43     | 0.3       | 1.6     | 1.07  | 89.3      | 82.8825 | 67.6687 |
| 2009 | 6     | 20  | 18   | 43     | 43     | 0.3       | 1.6     | 0.95  | 90        | 83.0512 | 63.0146 |
| 2009 | 6     | 20  | 18   | 53     | 43     | 0.3       | 1.6     | 1.04  | 92        | 83.0512 | 66.5087 |
| 2009 | 6     | 20  | 19   | 3      | 43     | 0.3       | 1.6     | 1.02  | 88.7      | 83.0512 | 65.6701 |
| 2009 | 6     | 20  | 19   | 13     | 43     | 0.3       | 1.6     | 0.99  | 92.9      | 83.0512 | 64.2724 |
| 2009 | 6     | 20  | 19   | 23     | 43     | 0.3       | 1.6     | 1     | 89.2      | 83.0512 | 64.8315 |
| 2009 | 6     | 20  | 19   | 33     | 43     | 0.3       | 1.6     | 0.99  | 90.9      | 83.0512 | 64.6917 |
| 2009 | 6     | 20  | 19   | 43     | 43     | 0.3       | 1.6     | 0.98  | 87.5      | 83.0512 | 63.9929 |
| 2009 | 6     | 20  | 19   | 53     | 43     | 0.3       | 1.6     | 1.05  | 90        | 83.0512 | 66.928  |
| 2009 | 6     | 20  | 20   | 3      | 43     | 0.3       | 1.6     | 0.96  | 89.8      | 83.0512 | 63.4339 |
| 2009 | 6     | 20  | 20   | 13     | 43     | 0.3       | 1.6     | 1.01  | 88.5      | 83.0512 | 65.3906 |
| 2009 | 6     | 20  | 20   | 23     | 43     | 0.3       | 1.6     | 0.97  | 91.9      | 83.2199 | 63.8065 |
| 2009 | 6     | 20  | 20   | 33     | 43     | 0.3       | 1.6     | 1.05  | 92.1      | 83.2199 | 67.1647 |
| 2009 | 6     | 20  | 20   | 43     | 43     | 0.3       | 1.6     | 0.96  | 91.2      | 83.0512 | 63.4339 |
| 2009 | 6     | 20  | 20   | 53     | 43     | 0.3       | 1.6     | 1.01  | 90.9      | 83.2199 | 65.3457 |
| 2009 | 6     | 20  | 21   | 3      | 43     | 0.3       | 1.6     | 1.04  | 88.7      | 83.2199 | 66.8849 |
| 2009 | 6     | 20  | 21   | 13     | 43     | 0.3       | 1.6     | 0.98  | 88.3      | 83.2199 | 64.3662 |
| 2009 | 6     | 20  | 21   | 23     | 43     | 0.3       | 1.6     | 1.03  | 91.1      | 83.2199 | 66.4651 |
| 2009 | 6     | 20  | 21   | 33     | 43     | 0.3       | 1.6     | 1.03  | 90        | 83.2199 | 66.4651 |
| 2009 | 6     | 20  | 21   | 43     | 43     | 0.3       | 1.6     | 0.94  | 90.8      | 83.2199 | 62.2673 |
| 2009 | 6     | 20  | 21   | 53     | 43     | 0.3       | 1.6     | 1.02  | 90.7      | 83.3886 | 65.8608 |
| 2009 | 6     | 20  | 22   | 3      | 43     | 0.3       | 1.6     | 1.04  | 90.7      | 83.3886 | 66.8414 |
| 2009 | 6     | 20  | 22   | 13     | 43     | 0.3       | 1.6     | 1     | 89.6      | 83.3886 | 65.3004 |
| 2009 | 6     | 20  | 22   | 23     | 43     | 0.3       | 1.6     | 0.99  | 90.8      | 83.3886 | 64.6    |
| 2009 | 6     | 20  | 22   | 33     | 43     | 0.3       | 1.6     | 0.97  | 90.2      | 83.5575 | 63.8523 |
| 2009 | 6     | 20  | 22   | 43     | 43     | 0.3       | 1.6     | 0.98  | 87.3      | 83.5575 | 64.4133 |
| 2009 | 6     | 20  | 22   | 53     | 43     | 0.3       | 1.6     | 1     | 88.5      | 83.7265 | 65.3491 |
| 2009 | 6     | 20  | 23   | 3      | 43     | 0.3       | 1.6     | 1.02  | 91.8      | 83.5575 | 66.2365 |
| 2009 | 6     | 20  | 23   | 13     | 43     | 0.3       | 1.6     | 0.99  | 88.3      | 83.5575 | 64.9743 |
| 2009 | 6     | 20  | 23   | 23     | 43     | 0.3       | 1.6     | 0.98  | 90        | 83.7265 | 64.6471 |
| 2009 | 6     | 20  | 23   | 33     | 43     | 0.3       | 1.6     | 1.07  | 90        | 83.7265 | 68.2977 |
| 2009 | 6     | 20  | 23   | 43     | 43     | 0.3       | 1.6     | 1.06  | 90.7      | 83.8955 | 67.833  |
| 2009 | 6     | 20  | 23   | 53     | 43     | 0.3       | 1.6     | 1.01  | 89.4      | 83.8955 | 65.8651 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 21  | 0    | 3      | 43     | 0.3       | 1.6     | 0.96  | 88.8      | 84.0647 | 63.8488 |
| 2009 | 6     | 21  | 0    | 13     | 43     | 0.3       | 1.6     | 0.88  | 90        | 83.8955 | 60.2424 |
| 2009 | 6     | 21  | 0    | 23     | 43     | 0.3       | 1.6     | 0.94  | 90.2      | 84.2339 | 62.8139 |
| 2009 | 6     | 21  | 0    | 33     | 43     | 0.3       | 1.6     | 0.98  | 90.8      | 84.4032 | 65.0204 |
| 2009 | 6     | 21  | 0    | 43     | 43     | 0.3       | 1.6     | 0.99  | 89.8      | 84.4032 | 65.3025 |
| 2009 | 6     | 21  | 0    | 53     | 43     | 0.3       | 1.6     | 0.99  | 90.6      | 84.5726 | 65.5371 |
| 2009 | 6     | 21  | 1    | 3      | 43     | 0.3       | 1.6     | 0.99  | 88.3      | 84.5726 | 65.5371 |
| 2009 | 6     | 21  | 1    | 13     | 43     | 0.3       | 1.6     | 0.99  | 87.5      | 84.5726 | 65.3959 |
| 2009 | 6     | 21  | 1    | 23     | 43     | 0.3       | 1.6     | 1.01  | 89.3      | 84.5726 | 66.3844 |
| 2009 | 6     | 21  | 1    | 33     | 43     | 0.3       | 1.6     | 0.97  | 90        | 84.7421 | 64.7825 |
| 2009 | 6     | 21  | 1    | 43     | 43     | 0.3       | 1.6     | 0.95  | 91.2      | 84.7421 | 63.793  |
| 2009 | 6     | 21  | 1    | 53     | 43     | 0.3       | 1.6     | 1     | 90.6      | 84.7421 | 66.0547 |
| 2009 | 6     | 21  | 2    | 3      | 43     | 0.3       | 1.6     | 1.03  | 91.1      | 84.7421 | 67.0443 |
| 2009 | 6     | 21  | 2    | 13     | 43     | 0.3       | 1.6     | 0.98  | 89.8      | 84.9117 | 65.2996 |
| 2009 | 6     | 21  | 2    | 23     | 43     | 0.3       | 1.6     | 1.03  | 91.3      | 84.9117 | 67.4224 |
| 2009 | 6     | 21  | 2    | 33     | 43     | 0.3       | 1.6     | 0.99  | 92.3      | 84.9117 | 65.5826 |
| 2009 | 6     | 21  | 2    | 43     | 43     | 0.3       | 1.6     | 1.01  | 90.9      | 84.9117 | 66.5732 |
| 2009 | 6     | 21  | 2    | 53     | 43     | 0.3       | 1.6     | 1.04  | 91.3      | 84.9117 | 67.7054 |
| 2009 | 6     | 21  | 3    | 3      | 43     | 0.3       | 1.6     | 1.01  | 89.3      | 84.9117 | 66.5732 |
| 2009 | 6     | 21  | 3    | 13     | 43     | 0.3       | 1.6     | 0.93  | 89.2      | 84.9117 | 62.8937 |
| 2009 | 6     | 21  | 3    | 23     | 43     | 0.3       | 1.6     | 0.99  | 88.7      | 85.0814 | 65.6758 |
| 2009 | 6     | 21  | 3    | 33     | 43     | 0.3       | 1.6     | 0.99  | 91.1      | 85.0814 | 65.5341 |
| 2009 | 6     | 21  | 3    | 43     | 43     | 0.3       | 1.6     | 1.02  | 90.7      | 85.0814 | 66.9509 |
| 2009 | 6     | 21  | 3    | 53     | 43     | 0.3       | 1.6     | 1.03  | 87.6      | 85.0814 | 67.3759 |
| 2009 | 6     | 21  | 4    | 3      | 43     | 0.3       | 1.6     | 0.98  | 88.1      | 85.0814 | 65.3924 |
| 2009 | 6     | 21  | 4    | 13     | 43     | 0.3       | 1.6     | 0.94  | 92.4      | 85.0814 | 63.409  |
| 2009 | 6     | 21  | 4    | 23     | 43     | 0.3       | 1.6     | 0.99  | 91.1      | 85.421  | 65.72   |
| 2009 | 6     | 21  | 4    | 33     | 43     | 0.3       | 1.6     | 1     | 90.9      | 85.2512 | 66.0526 |
| 2009 | 6     | 21  | 4    | 43     | 43     | 0.3       | 1.6     | 0.98  | 90.8      | 85.591  | 65.3863 |
| 2009 | 6     | 21  | 4    | 53     | 43     | 0.3       | 1.6     | 0.97  | 89.4      | 85.2512 | 65.0598 |
| 2009 | 6     | 21  | 5    | 3      | 43     | 0.3       | 1.6     | 1     | 91.9      | 85.2512 | 66.1944 |
| 2009 | 6     | 21  | 5    | 13     | 43     | 0.3       | 1.6     | 1.02  | 88.3      | 85.421  | 67.2819 |
| 2009 | 6     | 21  | 5    | 23     | 43     | 0.3       | 1.6     | 1     | 90.9      | 85.2512 | 66.3363 |
| 2009 | 6     | 21  | 5    | 33     | 43     | 0.3       | 1.6     | 0.95  | 90        | 85.421  | 64.3001 |
| 2009 | 6     | 21  | 5    | 43     | 43     | 0.3       | 1.6     | 0.99  | 89.4      | 85.591  | 66.0971 |
| 2009 | 6     | 21  | 5    | 53     | 43     | 0.3       | 1.6     | 1.04  | 88.6      | 85.761  | 68.1823 |
| 2009 | 6     | 21  | 6    | 3      | 43     | 0.3       | 1.6     | 1.02  | 91.1      | 85.9311 | 67.4227 |
| 2009 | 6     | 21  | 6    | 13     | 43     | 0.3       | 1.6     | 0.96  | 91.2      | 86.1014 | 64.9498 |
| 2009 | 6     | 21  | 6    | 23     | 43     | 0.3       | 1.6     | 0.94  | 90.8      | 86.1014 | 64.0941 |
| 2009 | 6     | 21  | 6    | 33     | 43     | 0.3       | 1.6     | 0.99  | 90.4      | 86.2717 | 66.3259 |
| 2009 | 6     | 21  | 6    | 43     | 43     | 0.3       | 1.6     | 0.93  | 90        | 86.2717 | 63.6133 |
| 2009 | 6     | 21  | 6    | 53     | 43     | 0.3       | 1.6     | 1.03  | 86        | 86.2717 | 67.7536 |
| 2009 | 6     | 21  | 7    | 3      | 43     | 0.3       | 1.6     | 1.02  | 89.4      | 86.2717 | 67.7536 |
| 2009 | 6     | 21  | 7    | 13     | 43     | 0.3       | 1.6     | 0.92  | 88.6      | 86.4421 | 63.4171 |
| 2009 | 6     | 21  | 7    | 23     | 43     | 0.3       | 1.6     | 1.01  | 90        | 86.4421 | 67.1331 |
| 2009 | 6     | 21  | 7    | 33     | 43     | 0.3       | 1.6     | 1     | 91.3      | 86.4421 | 66.7043 |
| 2009 | 6     | 21  | 7    | 43     | 43     | 0.3       | 1.6     | 1.04  | 92.5      | 86.4421 | 68.4194 |
| 2009 | 6     | 21  | 7    | 53     | 43     | 0.3       | 1.6     | 1.05  | 88.6      | 86.4421 | 68.9911 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 21  | 8    | 3      | 43     | 0.3       | 1.6     | 0.98  | 86.5      | 86.4421 | 65.8468 |
| 2009 | 6     | 21  | 8    | 13     | 43     | 0.3       | 1.6     | 0.99  | 90.8      | 86.4421 | 66.5614 |
| 2009 | 6     | 21  | 8    | 23     | 43     | 0.3       | 1.6     | 1.02  | 90.7      | 86.4421 | 67.7048 |
| 2009 | 6     | 21  | 8    | 33     | 43     | 0.3       | 1.6     | 1     | 89.4      | 86.6126 | 66.9402 |
| 2009 | 6     | 21  | 8    | 43     | 43     | 0.3       | 1.6     | 0.97  | 90        | 86.6126 | 65.6525 |
| 2009 | 6     | 21  | 8    | 53     | 43     | 0.3       | 1.6     | 1.01  | 87.6      | 86.6126 | 67.2263 |
| 2009 | 6     | 21  | 9    | 3      | 43     | 0.3       | 1.6     | 1     | 90.8      | 86.6126 | 66.9402 |
| 2009 | 6     | 21  | 9    | 13     | 43     | 0.3       | 1.6     | 0.96  | 92.8      | 86.6126 | 64.9371 |
| 2009 | 6     | 21  | 9    | 23     | 43     | 0.3       | 1.6     | 1.03  | 90.4      | 86.6126 | 68.2279 |
| 2009 | 6     | 21  | 9    | 33     | 43     | 0.3       | 1.6     | 1.05  | 89.3      | 86.6126 | 69.2294 |
| 2009 | 6     | 21  | 9    | 43     | 43     | 0.3       | 1.6     | 1     | 93.6      | 86.7831 | 66.8898 |
| 2009 | 6     | 21  | 9    | 53     | 43     | 0.3       | 1.6     | 1     | 89.4      | 86.7831 | 67.033  |
| 2009 | 6     | 21  | 10   | 3      | 43     | 0.3       | 1.6     | 1.05  | 90.4      | 86.7831 | 69.3247 |
| 2009 | 6     | 21  | 10   | 13     | 43     | 0.3       | 1.6     | 1     | 90        | 86.7831 | 66.8898 |
| 2009 | 6     | 21  | 10   | 23     | 43     | 0.3       | 1.6     | 1.01  | 90.7      | 86.7831 | 67.4627 |
| 2009 | 6     | 21  | 10   | 33     | 43     | 0.3       | 1.6     | 1.02  | 89.3      | 86.7831 | 67.7492 |
| 2009 | 6     | 21  | 10   | 43     | 43     | 0.3       | 1.6     | 1     | 89.3      | 86.7831 | 67.1762 |
| 2009 | 6     | 21  | 10   | 53     | 43     | 0.3       | 1.6     | 0.99  | 90.8      | 86.7831 | 66.7465 |
| 2009 | 6     | 21  | 11   | 3      | 43     | 0.3       | 1.6     | 1.01  | 90.7      | 86.7831 | 67.4627 |
| 2009 | 6     | 21  | 11   | 13     | 43     | 0.3       | 1.6     | 1.06  | 90        | 86.7831 | 69.6112 |
| 2009 | 6     | 21  | 11   | 23     | 43     | 0.3       | 1.6     | 0.92  | 90        | 86.7831 | 63.5954 |
| 2009 | 6     | 21  | 11   | 33     | 43     | 0.3       | 1.6     | 1.02  | 89.4      | 86.7831 | 67.8924 |
| 2009 | 6     | 21  | 11   | 43     | 43     | 0.3       | 1.6     | 0.98  | 88.1      | 86.7831 | 66.0304 |
| 2009 | 6     | 21  | 11   | 53     | 43     | 0.3       | 1.6     | 0.98  | 89.8      | 86.7831 | 66.0304 |
| 2009 | 6     | 21  | 12   | 3      | 43     | 0.3       | 1.6     | 0.93  | 89.6      | 86.7831 | 64.0251 |
| 2009 | 6     | 21  | 12   | 13     | 43     | 0.3       | 1.6     | 0.97  | 91.2      | 86.7831 | 65.7439 |
| 2009 | 6     | 21  | 12   | 23     | 43     | 0.3       | 1.6     | 0.96  | 91        | 86.7831 | 65.4575 |
| 2009 | 6     | 21  | 12   | 33     | 43     | 0.3       | 1.6     | 0.99  | 90        | 86.7831 | 66.4601 |
| 2009 | 6     | 21  | 12   | 43     | 43     | 0.3       | 1.6     | 0.98  | 86.4      | 86.7831 | 66.0304 |
| 2009 | 6     | 21  | 12   | 53     | 43     | 0.3       | 1.6     | 0.98  | 90        | 86.7831 | 66.3168 |
| 2009 | 6     | 21  | 13   | 3      | 43     | 0.3       | 1.6     | 1.01  | 90.9      | 86.7831 | 67.6059 |
| 2009 | 6     | 21  | 13   | 13     | 43     | 0.3       | 1.6     | 1     | 93.6      | 86.7831 | 66.8898 |
| 2009 | 6     | 21  | 13   | 23     | 43     | 0.3       | 1.6     | 0.97  | 90.8      | 86.7831 | 65.8872 |
| 2009 | 6     | 21  | 13   | 33     | 43     | 0.3       | 1.6     | 0.97  | 89.2      | 86.7831 | 65.6007 |
| 2009 | 6     | 21  | 13   | 43     | 43     | 0.3       | 1.6     | 1.03  | 86.7      | 86.7831 | 68.1789 |
| 2009 | 6     | 21  | 13   | 53     | 43     | 0.3       | 1.6     | 0.99  | 85.6      | 86.7831 | 66.3168 |
| 2009 | 6     | 21  | 14   | 3      | 43     | 0.3       | 1.6     | 0.99  | 89.2      | 86.7831 | 66.4601 |
| 2009 | 6     | 21  | 14   | 13     | 43     | 0.3       | 1.6     | 0.98  | 87.9      | 86.7831 | 66.3168 |
| 2009 | 6     | 21  | 14   | 23     | 43     | 0.3       | 1.6     | 0.97  | 90.2      | 86.7831 | 65.6007 |
| 2009 | 6     | 21  | 14   | 33     | 43     | 0.3       | 1.6     | 0.99  | 90.2      | 86.7831 | 66.7465 |
| 2009 | 6     | 21  | 14   | 43     | 43     | 0.3       | 1.6     | 0.99  | 90.4      | 86.7831 | 66.4601 |
| 2009 | 6     | 21  | 14   | 53     | 43     | 0.3       | 1.6     | 1.05  | 89.5      | 86.7831 | 69.1815 |
| 2009 | 6     | 21  | 15   | 3      | 43     | 0.3       | 1.6     | 1.01  | 90.7      | 86.7831 | 67.3195 |
| 2009 | 6     | 21  | 15   | 13     | 43     | 0.3       | 1.6     | 1.01  | 90.2      | 86.7831 | 67.4627 |
| 2009 | 6     | 21  | 15   | 23     | 43     | 0.3       | 1.6     | 1.03  | 89.8      | 86.7831 | 68.1789 |
| 2009 | 6     | 21  | 15   | 33     | 43     | 0.3       | 1.6     | 1.01  | 90.7      | 86.7831 | 67.3195 |
| 2009 | 6     | 21  | 15   | 43     | 43     | 0.3       | 1.6     | 1.03  | 88.4      | 86.9538 | 68.2729 |
| 2009 | 6     | 21  | 15   | 53     | 43     | 0.3       | 1.6     | 0.99  | 86        | 86.7831 | 66.3168 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 21  | 16   | 3      | 43     | 0.3       | 1.6     | 0.99  | 90        | 86.7831 | 66.6033 |
| 2009 | 6     | 21  | 16   | 13     | 43     | 0.3       | 1.6     | 1.04  | 87.6      | 86.9538 | 68.703  |
| 2009 | 6     | 21  | 16   | 23     | 43     | 0.3       | 1.6     | 1.02  | 89.4      | 86.9538 | 67.8427 |
| 2009 | 6     | 21  | 16   | 33     | 43     | 0.3       | 1.6     | 1.03  | 87.6      | 86.9538 | 68.4162 |
| 2009 | 6     | 21  | 16   | 43     | 43     | 0.3       | 1.6     | 1     | 88.3      | 86.9538 | 67.1258 |
| 2009 | 6     | 21  | 16   | 53     | 43     | 0.3       | 1.6     | 1.03  | 90        | 86.9538 | 68.5596 |
| 2009 | 6     | 21  | 17   | 3      | 43     | 0.3       | 1.6     | 1     | 89.2      | 86.9538 | 67.1258 |
| 2009 | 6     | 21  | 17   | 13     | 43     | 0.3       | 1.6     | 1.05  | 88.2      | 86.9538 | 69.1332 |
| 2009 | 6     | 21  | 17   | 23     | 43     | 0.3       | 1.6     | 1     | 91.9      | 86.9538 | 66.9824 |
| 2009 | 6     | 21  | 17   | 33     | 43     | 0.3       | 1.6     | 1.04  | 87.1      | 86.9538 | 68.703  |
| 2009 | 6     | 21  | 17   | 43     | 43     | 0.3       | 1.6     | 1     | 90.6      | 87.1245 | 67.0749 |
| 2009 | 6     | 21  | 17   | 53     | 43     | 0.3       | 1.6     | 1.01  | 88.5      | 87.1245 | 67.5055 |
| 2009 | 6     | 21  | 18   | 3      | 43     | 0.3       | 1.6     | 1.04  | 89.3      | 87.1245 | 68.7974 |
| 2009 | 6     | 21  | 18   | 13     | 43     | 0.3       | 1.6     | 1.03  | 88.5      | 87.1245 | 68.5103 |
| 2009 | 6     | 21  | 18   | 23     | 43     | 0.3       | 1.6     | 1     | 90.6      | 87.1245 | 67.0749 |
| 2009 | 6     | 21  | 18   | 33     | 43     | 0.3       | 1.6     | 0.98  | 88.9      | 87.1245 | 66.3572 |
| 2009 | 6     | 21  | 18   | 43     | 43     | 0.3       | 1.6     | 1.04  | 88.9      | 87.1245 | 68.7974 |
| 2009 | 6     | 21  | 18   | 53     | 43     | 0.3       | 1.6     | 1.01  | 88.5      | 87.1245 | 67.649  |
| 2009 | 6     | 21  | 19   | 3      | 43     | 0.3       | 1.6     | 1.05  | 90.4      | 87.1245 | 69.3715 |
| 2009 | 6     | 21  | 19   | 13     | 43     | 0.3       | 1.6     | 0.94  | 89.6      | 87.1245 | 64.7783 |
| 2009 | 6     | 21  | 19   | 23     | 43     | 0.3       | 1.6     | 0.98  | 90        | 87.1245 | 66.2137 |
| 2009 | 6     | 21  | 19   | 33     | 43     | 0.3       | 1.6     | 0.87  | 88.9      | 87.1245 | 61.4769 |
| 2009 | 6     | 21  | 19   | 43     | 43     | 0.3       | 1.6     | 0.98  | 90.4      | 87.1245 | 66.2137 |
| 2009 | 6     | 21  | 19   | 53     | 43     | 0.3       | 1.6     | 1.02  | 88.2      | 87.1245 | 68.0797 |
| 2009 | 6     | 21  | 20   | 3      | 43     | 0.3       | 1.6     | 1.04  | 88        | 87.1245 | 68.9409 |
| 2009 | 6     | 21  | 20   | 13     | 43     | 0.3       | 1.6     | 1.01  | 86.8      | 87.1245 | 67.362  |
| 2009 | 6     | 21  | 20   | 23     | 43     | 0.3       | 1.6     | 0.99  | 89.2      | 87.1245 | 66.9314 |
| 2009 | 6     | 21  | 20   | 33     | 43     | 0.3       | 1.6     | 1.02  | 90.2      | 87.2954 | 68.3169 |
| 2009 | 6     | 21  | 20   | 43     | 43     | 0.3       | 1.6     | 1.01  | 90        | 87.2954 | 67.8858 |
| 2009 | 6     | 21  | 20   | 53     | 43     | 0.3       | 1.6     | 0.99  | 91.9      | 87.2954 | 66.7363 |
| 2009 | 6     | 21  | 21   | 3      | 43     | 0.3       | 1.6     | 1.07  | 85.3      | 87.2954 | 70.1849 |
| 2009 | 6     | 21  | 21   | 13     | 43     | 0.3       | 1.6     | 0.99  | 90.8      | 87.2954 | 67.0236 |
| 2009 | 6     | 21  | 21   | 23     | 43     | 0.3       | 1.6     | 0.99  | 90.8      | 87.2954 | 67.0236 |
| 2009 | 6     | 21  | 21   | 33     | 43     | 0.3       | 1.6     | 1.01  | 89.3      | 87.2954 | 67.8858 |
| 2009 | 6     | 21  | 21   | 43     | 43     | 0.3       | 1.6     | 0.98  | 90        | 87.4663 | 66.3966 |
| 2009 | 6     | 21  | 21   | 53     | 43     | 0.3       | 1.6     | 1.05  | 90.5      | 87.4663 | 69.705  |
| 2009 | 6     | 21  | 22   | 3      | 43     | 0.3       | 1.6     | 0.98  | 87.9      | 87.4663 | 66.3966 |
| 2009 | 6     | 21  | 22   | 13     | 43     | 0.3       | 1.6     | 1.08  | 89        | 87.4663 | 70.712  |
| 2009 | 6     | 21  | 22   | 23     | 43     | 0.3       | 1.6     | 0.99  | 91.5      | 87.6373 | 67.064  |
| 2009 | 6     | 21  | 22   | 33     | 43     | 0.3       | 1.6     | 0.99  | 86.6      | 87.6373 | 66.776  |
| 2009 | 6     | 21  | 22   | 43     | 43     | 0.3       | 1.6     | 0.98  | 87.5      | 87.8085 | 66.4351 |
| 2009 | 6     | 21  | 22   | 53     | 43     | 0.3       | 1.6     | 1.03  | 88.9      | 87.8085 | 68.7415 |
| 2009 | 6     | 21  | 23   | 3      | 43     | 0.3       | 1.6     | 1.02  | 86.5      | 87.9797 | 68.5463 |
| 2009 | 6     | 21  | 23   | 13     | 43     | 0.3       | 1.6     | 1.04  | 88.9      | 87.9797 | 69.2678 |
| 2009 | 6     | 21  | 23   | 23     | 43     | 0.3       | 1.6     | 1.13  | 89.5      | 88.151  | 73.2618 |
| 2009 | 6     | 21  | 23   | 33     | 43     | 0.3       | 1.6     | 0.99  | 88.1      | 88.3223 | 67.431  |
| 2009 | 6     | 21  | 23   | 43     | 43     | 0.3       | 1.6     | 0.99  | 91.9      | 88.3223 | 67.5756 |
| 2009 | 6     | 21  | 23   | 53     | 43     | 0.3       | 1.6     | 0.98  | 90.6      | 88.3223 | 66.8526 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 22  | 0    | 3      | 43     | 0.3       | 1.6     | 1.01  | 89.4      | 88.3223 | 68.2986 |
| 2009 | 6     | 22  | 0    | 13     | 43     | 0.3       | 1.6     | 1     | 88.3      | 88.3223 | 67.8648 |
| 2009 | 6     | 22  | 0    | 23     | 43     | 0.3       | 1.6     | 0.99  | 90        | 88.4938 | 67.5225 |
| 2009 | 6     | 22  | 0    | 33     | 43     | 0.3       | 1.6     | 1.02  | 89.8      | 88.3223 | 68.7324 |
| 2009 | 6     | 22  | 0    | 43     | 43     | 0.3       | 1.6     | 0.99  | 90.6      | 88.4938 | 67.6673 |
| 2009 | 6     | 22  | 0    | 53     | 43     | 0.3       | 1.6     | 0.99  | 90.6      | 88.4938 | 67.3778 |
| 2009 | 6     | 22  | 1    | 3      | 43     | 0.3       | 1.6     | 1.05  | 90.4      | 88.3223 | 70.0338 |
| 2009 | 6     | 22  | 1    | 13     | 43     | 0.3       | 1.6     | 0.99  | 89.6      | 88.3223 | 67.431  |
| 2009 | 6     | 22  | 1    | 23     | 43     | 0.3       | 1.6     | 1     | 88.1      | 88.3223 | 67.7202 |
| 2009 | 6     | 22  | 1    | 33     | 43     | 0.3       | 1.6     | 0.99  | 88.7      | 88.4938 | 67.5225 |
| 2009 | 6     | 22  | 1    | 43     | 43     | 0.3       | 1.6     | 0.98  | 88.3      | 88.4938 | 66.9435 |
| 2009 | 6     | 22  | 1    | 53     | 43     | 0.3       | 1.6     | 0.98  | 88.5      | 88.3223 | 66.8526 |
| 2009 | 6     | 22  | 2    | 3      | 43     | 0.3       | 1.6     | 1     | 89.2      | 88.3223 | 67.8648 |
| 2009 | 6     | 22  | 2    | 13     | 43     | 0.3       | 1.6     | 0.98  | 91.1      | 88.3223 | 67.1418 |
| 2009 | 6     | 22  | 2    | 23     | 43     | 0.3       | 1.6     | 0.97  | 90.4      | 88.4938 | 66.654  |
| 2009 | 6     | 22  | 2    | 33     | 43     | 0.3       | 1.6     | 0.96  | 89.6      | 88.3223 | 65.985  |
| 2009 | 6     | 22  | 2    | 43     | 43     | 0.3       | 1.6     | 0.96  | 88.6      | 88.4938 | 65.9302 |
| 2009 | 6     | 22  | 2    | 53     | 43     | 0.3       | 1.6     | 1     | 88.9      | 88.3223 | 67.8648 |
| 2009 | 6     | 22  | 3    | 3      | 43     | 0.3       | 1.6     | 0.97  | 88.3      | 88.3223 | 66.4188 |
| 2009 | 6     | 22  | 3    | 13     | 43     | 0.3       | 1.6     | 1.01  | 89.3      | 88.4938 | 68.2463 |
| 2009 | 6     | 22  | 3    | 23     | 43     | 0.3       | 1.6     | 1     | 89.1      | 88.4938 | 67.9568 |
| 2009 | 6     | 22  | 3    | 33     | 43     | 0.3       | 1.6     | 1     | 89.6      | 88.3223 | 67.8648 |
| 2009 | 6     | 22  | 3    | 43     | 43     | 0.3       | 1.6     | 0.98  | 92.1      | 88.4938 | 66.9435 |
| 2009 | 6     | 22  | 3    | 53     | 43     | 0.3       | 1.6     | 0.99  | 88.9      | 88.4938 | 67.3778 |
| 2009 | 6     | 22  | 4    | 3      | 43     | 0.3       | 1.6     | 0.99  | 87.7      | 88.4938 | 67.6673 |
| 2009 | 6     | 22  | 4    | 13     | 43     | 0.3       | 1.6     | 1.01  | 90.4      | 88.4938 | 68.2463 |
| 2009 | 6     | 22  | 4    | 23     | 43     | 0.3       | 1.6     | 0.98  | 90.4      | 88.4938 | 66.9435 |
| 2009 | 6     | 22  | 4    | 33     | 43     | 0.3       | 1.6     | 1.05  | 85.9      | 88.4938 | 70.1281 |
| 2009 | 6     | 22  | 4    | 43     | 43     | 0.3       | 1.6     | 0.99  | 90.4      | 88.4938 | 67.6673 |
| 2009 | 6     | 22  | 4    | 53     | 43     | 0.3       | 1.6     | 0.97  | 91.4      | 88.4938 | 66.7988 |
| 2009 | 6     | 22  | 5    | 3      | 43     | 0.3       | 1.6     | 1.03  | 90        | 88.4938 | 69.4043 |
| 2009 | 6     | 22  | 5    | 13     | 43     | 0.3       | 1.6     | 0.92  | 90.2      | 88.6654 | 64.571  |
| 2009 | 6     | 22  | 5    | 23     | 43     | 0.3       | 1.6     | 0.95  | 89.2      | 88.4938 | 65.9302 |
| 2009 | 6     | 22  | 5    | 33     | 43     | 0.3       | 1.6     | 1.02  | 88        | 88.4938 | 68.8253 |
| 2009 | 6     | 22  | 5    | 43     | 43     | 0.3       | 1.6     | 0.98  | 90.4      | 88.6654 | 67.0344 |
| 2009 | 6     | 22  | 5    | 53     | 43     | 0.3       | 1.6     | 0.99  | 90        | 88.4938 | 67.3778 |
| 2009 | 6     | 22  | 6    | 3      | 43     | 0.3       | 1.6     | 1.06  | 89.8      | 88.6654 | 70.512  |
| 2009 | 6     | 22  | 6    | 13     | 43     | 0.3       | 1.6     | 0.97  | 87.5      | 88.6654 | 66.5997 |
| 2009 | 6     | 22  | 6    | 23     | 43     | 0.3       | 1.6     | 1.08  | 89.1      | 88.3223 | 71.3352 |
| 2009 | 6     | 22  | 6    | 33     | 43     | 0.3       | 1.6     | 0.94  | 90.8      | 88.6654 | 65.4405 |
| 2009 | 6     | 22  | 6    | 43     | 43     | 0.3       | 1.6     | 0.98  | 90.8      | 88.4938 | 67.233  |
| 2009 | 6     | 22  | 6    | 53     | 43     | 0.3       | 1.6     | 0.99  | 90        | 88.6654 | 67.4691 |
| 2009 | 6     | 22  | 7    | 3      | 43     | 0.3       | 1.6     | 0.95  | 91        | 88.4938 | 65.7855 |
| 2009 | 6     | 22  | 7    | 13     | 43     | 0.3       | 1.6     | 1     | 87.8      | 88.4938 | 68.1015 |
| 2009 | 6     | 22  | 7    | 23     | 43     | 0.3       | 1.6     | 0.99  | 87.7      | 88.6654 | 67.614  |
| 2009 | 6     | 22  | 7    | 33     | 43     | 0.3       | 1.6     | 0.95  | 92.8      | 88.4938 | 65.6407 |
| 2009 | 6     | 22  | 7    | 43     | 43     | 0.3       | 1.6     | 0.98  | 88.3      | 88.6654 | 67.1793 |
| 2009 | 6     | 22  | 7    | 53     | 43     | 0.3       | 1.6     | 1     | 88.7      | 88.4938 | 67.9568 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 22  | 8    | 3      | 43     | 0.3       | 1.6     | 0.99  | 88.9      | 88.4938 | 67.5225 |
| 2009 | 6     | 22  | 8    | 13     | 43     | 0.3       | 1.6     | 1.04  | 89.3      | 88.6654 | 69.7875 |
| 2009 | 6     | 22  | 8    | 23     | 43     | 0.3       | 1.6     | 0.97  | 86.9      | 88.4938 | 66.654  |
| 2009 | 6     | 22  | 8    | 33     | 43     | 0.3       | 1.6     | 0.96  | 87.5      | 88.6654 | 66.3099 |
| 2009 | 6     | 22  | 8    | 43     | 43     | 0.3       | 1.6     | 1.01  | 89.3      | 88.4938 | 68.2463 |
| 2009 | 6     | 22  | 8    | 53     | 43     | 0.3       | 1.6     | 0.97  | 90.4      | 88.3223 | 66.708  |
| 2009 | 6     | 22  | 9    | 3      | 43     | 0.3       | 1.6     | 1.01  | 88        | 88.3223 | 68.2986 |
| 2009 | 6     | 22  | 9    | 13     | 43     | 0.3       | 1.6     | 1     | 87.6      | 88.3223 | 67.7202 |
| 2009 | 6     | 22  | 9    | 23     | 43     | 0.3       | 1.6     | 1.08  | 89.3      | 88.4938 | 71.4308 |
| 2009 | 6     | 22  | 9    | 33     | 43     | 0.3       | 1.6     | 0.94  | 90.2      | 88.3223 | 65.4066 |
| 2009 | 6     | 22  | 9    | 43     | 43     | 0.3       | 1.6     | 1.05  | 90.7      | 88.3223 | 69.8892 |
| 2009 | 6     | 22  | 9    | 53     | 43     | 0.3       | 1.6     | 1.02  | 88.2      | 88.151  | 68.4949 |
| 2009 | 6     | 22  | 10   | 3      | 43     | 0.3       | 1.6     | 1     | 89.2      | 88.3223 | 67.7202 |
| 2009 | 6     | 22  | 10   | 13     | 43     | 0.3       | 1.6     | 1.01  | 87        | 88.3223 | 68.2986 |
| 2009 | 6     | 22  | 10   | 23     | 43     | 0.3       | 1.6     | 1.02  | 90.6      | 88.3223 | 68.7324 |
| 2009 | 6     | 22  | 10   | 33     | 43     | 0.3       | 1.6     | 0.98  | 91.3      | 88.4938 | 67.0883 |
| 2009 | 6     | 22  | 10   | 43     | 43     | 0.3       | 1.6     | 0.99  | 91.9      | 88.4938 | 67.3778 |
| 2009 | 6     | 22  | 10   | 53     | 43     | 0.3       | 1.6     | 0.99  | 89.6      | 88.837  | 67.5603 |
| 2009 | 6     | 22  | 11   | 3      | 43     | 0.3       | 1.6     | 0.97  | 87.5      | 88.837  | 66.69   |
| 2009 | 6     | 22  | 11   | 13     | 43     | 0.3       | 1.6     | 1.05  | 87.7      | 88.837  | 70.4613 |
| 2009 | 6     | 22  | 11   | 23     | 43     | 0.3       | 1.6     | 0.93  | 92.8      | 89.0088 | 65.183  |
| 2009 | 6     | 22  | 11   | 33     | 43     | 0.3       | 1.6     | 0.97  | 88.3      | 89.0088 | 66.7802 |
| 2009 | 6     | 22  | 11   | 43     | 43     | 0.3       | 1.6     | 0.98  | 89.6      | 89.0088 | 67.2158 |
| 2009 | 6     | 22  | 11   | 53     | 43     | 0.3       | 1.6     | 0.95  | 90.4      | 89.0088 | 66.0542 |
| 2009 | 6     | 22  | 12   | 3      | 43     | 0.3       | 1.6     | 0.99  | 88.9      | 89.0088 | 67.6514 |
| 2009 | 6     | 22  | 12   | 13     | 43     | 0.3       | 1.6     | 1     | 87.4      | 88.837  | 67.9955 |
| 2009 | 6     | 22  | 12   | 23     | 43     | 0.3       | 1.6     | 1.04  | 90.9      | 88.837  | 69.7361 |
| 2009 | 6     | 22  | 12   | 33     | 43     | 0.3       | 1.6     | 0.96  | 89.2      | 88.837  | 66.5449 |
| 2009 | 6     | 22  | 12   | 43     | 43     | 0.3       | 1.6     | 0.99  | 89.1      | 88.837  | 67.7054 |
| 2009 | 6     | 22  | 12   | 53     | 43     | 0.3       | 1.6     | 1.02  | 90.2      | 88.6654 | 68.9181 |
| 2009 | 6     | 22  | 13   | 3      | 43     | 0.3       | 1.6     | 0.89  | 88.5      | 88.6654 | 63.2669 |
| 2009 | 6     | 22  | 13   | 13     | 43     | 0.3       | 1.6     | 0.96  | 90.2      | 88.6654 | 66.4548 |
| 2009 | 6     | 22  | 13   | 23     | 43     | 0.3       | 1.6     | 0.98  | 88.8      | 88.4938 | 66.9435 |
| 2009 | 6     | 22  | 13   | 33     | 43     | 0.3       | 1.6     | 1     | 89.8      | 88.4938 | 68.1015 |
| 2009 | 6     | 22  | 13   | 43     | 43     | 0.3       | 1.6     | 1.07  | 90        | 88.4938 | 70.8518 |
| 2009 | 6     | 22  | 13   | 53     | 43     | 0.3       | 1.6     | 0.96  | 90        | 88.3223 | 65.985  |
| 2009 | 6     | 22  | 14   | 3      | 43     | 0.3       | 1.6     | 0.97  | 87.5      | 88.3223 | 66.4188 |
| 2009 | 6     | 22  | 14   | 13     | 43     | 0.3       | 1.6     | 1.01  | 87.6      | 88.151  | 68.0616 |
| 2009 | 6     | 22  | 14   | 23     | 43     | 0.3       | 1.6     | 0.98  | 88.1      | 88.151  | 67.0504 |
| 2009 | 6     | 22  | 14   | 33     | 43     | 0.3       | 1.6     | 0.94  | 90        | 88.151  | 64.8837 |
| 2009 | 6     | 22  | 14   | 43     | 43     | 0.3       | 1.6     | 0.98  | 89.6      | 88.151  | 66.906  |
| 2009 | 6     | 22  | 14   | 53     | 43     | 0.3       | 1.6     | 1     | 88.9      | 87.9797 | 67.8248 |
| 2009 | 6     | 22  | 15   | 3      | 43     | 0.3       | 1.6     | 0.99  | 89.8      | 87.9797 | 67.3919 |
| 2009 | 6     | 22  | 15   | 13     | 43     | 0.3       | 1.6     | 0.96  | 88        | 87.9797 | 65.8046 |
| 2009 | 6     | 22  | 15   | 23     | 43     | 0.3       | 1.6     | 0.98  | 90.2      | 87.9797 | 66.959  |
| 2009 | 6     | 22  | 15   | 33     | 43     | 0.3       | 1.6     | 0.95  | 92.4      | 87.9797 | 65.3717 |
| 2009 | 6     | 22  | 15   | 43     | 43     | 0.3       | 1.6     | 1     | 90.2      | 87.9797 | 67.8248 |
| 2009 | 6     | 22  | 15   | 53     | 43     | 0.3       | 1.6     | 0.93  | 87        | 87.9797 | 64.6502 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 22  | 16   | 3      | 43     | 0.3       | 1.6     | 1.02  | 89.6      | 87.9797 | 68.402  |
| 2009 | 6     | 22  | 16   | 13     | 43     | 0.3       | 1.6     | 1.06  | 89.1      | 88.151  | 70.2284 |
| 2009 | 6     | 22  | 16   | 23     | 43     | 0.3       | 1.6     | 1     | 88.3      | 87.9797 | 67.6805 |
| 2009 | 6     | 22  | 16   | 33     | 43     | 0.3       | 1.6     | 0.99  | 88.5      | 87.8085 | 67.0117 |
| 2009 | 6     | 22  | 16   | 43     | 43     | 0.3       | 1.6     | 0.97  | 87.7      | 87.9797 | 66.2375 |
| 2009 | 6     | 22  | 16   | 53     | 43     | 0.3       | 1.6     | 0.96  | 89        | 87.9797 | 66.0932 |
| 2009 | 6     | 22  | 17   | 3      | 43     | 0.3       | 1.6     | 0.94  | 87.6      | 87.9797 | 65.0831 |
| 2009 | 6     | 22  | 17   | 13     | 43     | 0.3       | 1.6     | 0.98  | 90        | 87.9797 | 66.8147 |
| 2009 | 6     | 22  | 17   | 23     | 43     | 0.3       | 1.6     | 1.03  | 87.6      | 87.9797 | 68.9792 |
| 2009 | 6     | 22  | 17   | 33     | 43     | 0.3       | 1.6     | 1.07  | 93        | 88.151  | 70.6617 |
| 2009 | 6     | 22  | 17   | 43     | 43     | 0.3       | 1.6     | 0.98  | 89.2      | 88.151  | 66.906  |
| 2009 | 6     | 22  | 17   | 53     | 43     | 0.3       | 1.6     | 0.99  | 90        | 88.151  | 67.4838 |
| 2009 | 6     | 22  | 18   | 3      | 43     | 0.3       | 1.6     | 1.06  | 91.6      | 88.151  | 70.5173 |
| 2009 | 6     | 22  | 18   | 13     | 43     | 0.3       | 1.6     | 0.99  | 92.3      | 88.3223 | 67.1418 |
| 2009 | 6     | 22  | 18   | 23     | 43     | 0.3       | 1.6     | 1     | 87.9      | 88.3223 | 67.7202 |
| 2009 | 6     | 22  | 18   | 33     | 43     | 0.3       | 1.6     | 1.02  | 89.3      | 88.4938 | 68.97   |
| 2009 | 6     | 22  | 18   | 43     | 43     | 0.3       | 1.6     | 1.02  | 86.7      | 88.4938 | 68.6805 |
| 2009 | 6     | 22  | 18   | 53     | 43     | 0.3       | 1.6     | 1.03  | 88.4      | 88.4938 | 69.4043 |
| 2009 | 6     | 22  | 19   | 3      | 43     | 0.3       | 1.6     | 0.99  | 90.8      | 88.4938 | 67.3778 |
| 2009 | 6     | 22  | 19   | 13     | 43     | 0.3       | 1.6     | 1.02  | 90        | 88.4938 | 68.8253 |
| 2009 | 6     | 22  | 19   | 23     | 43     | 0.3       | 1.6     | 1     | 88.1      | 88.4938 | 67.9568 |
| 2009 | 6     | 22  | 19   | 33     | 43     | 0.3       | 1.6     | 0.97  | 90.6      | 88.6654 | 66.8895 |
| 2009 | 6     | 22  | 19   | 43     | 43     | 0.3       | 1.6     | 1.05  | 90.5      | 88.6654 | 70.0773 |
| 2009 | 6     | 22  | 19   | 53     | 43     | 0.3       | 1.6     | 0.99  | 89.2      | 88.6654 | 67.614  |
| 2009 | 6     | 22  | 20   | 3      | 43     | 0.3       | 1.6     | 0.98  | 92.9      | 88.6654 | 67.1793 |
| 2009 | 6     | 22  | 20   | 13     | 43     | 0.3       | 1.6     | 1     | 89.8      | 88.6654 | 67.9038 |
| 2009 | 6     | 22  | 20   | 23     | 43     | 0.3       | 1.6     | 0.97  | 90.4      | 88.6654 | 66.7446 |
| 2009 | 6     | 22  | 20   | 33     | 43     | 0.3       | 1.6     | 0.99  | 91.9      | 88.6654 | 67.7589 |
| 2009 | 6     | 22  | 20   | 43     | 43     | 0.3       | 1.6     | 0.98  | 89.2      | 88.837  | 67.4153 |
| 2009 | 6     | 22  | 20   | 53     | 43     | 0.3       | 1.6     | 1.06  | 88.4      | 88.837  | 70.7514 |
| 2009 | 6     | 22  | 21   | 3      | 43     | 0.3       | 1.6     | 1     | 90.2      | 88.837  | 68.1405 |
| 2009 | 6     | 22  | 21   | 13     | 43     | 0.3       | 1.6     | 1.02  | 91.7      | 88.837  | 68.8658 |
| 2009 | 6     | 22  | 21   | 23     | 43     | 0.3       | 1.6     | 0.96  | 90.4      | 88.837  | 66.3999 |
| 2009 | 6     | 22  | 21   | 33     | 43     | 0.3       | 1.6     | 1.01  | 89.8      | 88.837  | 68.5757 |
| 2009 | 6     | 22  | 21   | 43     | 43     | 0.3       | 1.6     | 1.02  | 91.8      | 88.837  | 69.1559 |
| 2009 | 6     | 22  | 21   | 53     | 43     | 0.3       | 1.6     | 1     | 90        | 88.837  | 68.2856 |
| 2009 | 6     | 22  | 22   | 3      | 43     | 0.3       | 1.6     | 1.03  | 89.5      | 88.837  | 69.591  |
| 2009 | 6     | 22  | 22   | 13     | 43     | 0.3       | 1.6     | 0.97  | 89.4      | 88.837  | 66.9801 |
| 2009 | 6     | 22  | 22   | 23     | 43     | 0.3       | 1.6     | 1.02  | 91.7      | 88.837  | 69.0108 |
| 2009 | 6     | 22  | 22   | 33     | 43     | 0.3       | 1.6     | 0.97  | 91.8      | 88.837  | 66.5449 |
| 2009 | 6     | 22  | 22   | 43     | 43     | 0.3       | 1.6     | 0.93  | 89        | 88.837  | 65.0944 |
| 2009 | 6     | 22  | 22   | 53     | 43     | 0.3       | 1.6     | 0.96  | 90.2      | 88.837  | 66.2548 |
| 2009 | 6     | 22  | 23   | 3      | 43     | 0.3       | 1.6     | 1.03  | 89.1      | 88.837  | 69.591  |
| 2009 | 6     | 22  | 23   | 13     | 43     | 0.3       | 1.6     | 1.05  | 92.1      | 88.837  | 70.3163 |
| 2009 | 6     | 22  | 23   | 23     | 43     | 0.3       | 1.6     | 1     | 89.2      | 88.837  | 68.1405 |
| 2009 | 6     | 22  | 23   | 33     | 43     | 0.3       | 1.6     | 0.99  | 88.3      | 88.837  | 67.7054 |
| 2009 | 6     | 22  | 23   | 43     | 43     | 0.3       | 1.6     | 1.03  | 90.7      | 88.837  | 69.591  |
| 2009 | 6     | 22  | 23   | 53     | 43     | 0.3       | 1.6     | 0.99  | 89.8      | 88.837  | 67.8504 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 23  | 0    | 3      | 43     | 0.3       | 1.6     | 1.02  | 94.2      | 88.837  | 68.8658 |
| 2009 | 6     | 23  | 0    | 13     | 43     | 0.3       | 1.6     | 1.01  | 90        | 88.837  | 68.7207 |
| 2009 | 6     | 23  | 0    | 23     | 43     | 0.3       | 1.6     | 0.96  | 90.8      | 88.837  | 66.2548 |
| 2009 | 6     | 23  | 0    | 33     | 43     | 0.3       | 1.6     | 1.02  | 91.8      | 88.837  | 69.1559 |
| 2009 | 6     | 23  | 0    | 43     | 43     | 0.3       | 1.6     | 1.03  | 91.1      | 88.837  | 69.3009 |
| 2009 | 6     | 23  | 0    | 53     | 43     | 0.3       | 1.6     | 0.97  | 88.1      | 88.837  | 66.9801 |
| 2009 | 6     | 23  | 1    | 3      | 43     | 0.3       | 1.6     | 0.98  | 92.7      | 88.837  | 67.1252 |
| 2009 | 6     | 23  | 1    | 13     | 43     | 0.3       | 1.6     | 1.01  | 91.5      | 88.837  | 68.5757 |
| 2009 | 6     | 23  | 1    | 23     | 43     | 0.3       | 1.6     | 0.97  | 88.2      | 88.837  | 66.5449 |
| 2009 | 6     | 23  | 1    | 33     | 43     | 0.3       | 1.6     | 1     | 90        | 88.6654 | 68.0487 |
| 2009 | 6     | 23  | 1    | 43     | 43     | 0.3       | 1.6     | 0.97  | 93.9      | 88.6654 | 66.4548 |
| 2009 | 6     | 23  | 1    | 53     | 43     | 0.3       | 1.6     | 0.96  | 91        | 88.6654 | 66.4548 |
| 2009 | 6     | 23  | 2    | 3      | 43     | 0.3       | 1.6     | 1.01  | 91.5      | 88.6654 | 68.6283 |
| 2009 | 6     | 23  | 2    | 13     | 43     | 0.3       | 1.6     | 0.99  | 91.5      | 88.6654 | 67.4691 |
| 2009 | 6     | 23  | 2    | 23     | 43     | 0.3       | 1.6     | 1.02  | 92        | 88.6654 | 68.9181 |
| 2009 | 6     | 23  | 2    | 33     | 43     | 0.3       | 1.6     | 1.05  | 90        | 88.6654 | 70.2222 |
| 2009 | 6     | 23  | 2    | 43     | 43     | 0.3       | 1.6     | 0.93  | 90.4      | 88.4938 | 64.917  |
| 2009 | 6     | 23  | 2    | 53     | 43     | 0.3       | 1.6     | 0.99  | 90.6      | 88.6654 | 67.4691 |
| 2009 | 6     | 23  | 3    | 3      | 43     | 0.3       | 1.6     | 1.04  | 90.5      | 88.4938 | 69.549  |
| 2009 | 6     | 23  | 3    | 13     | 43     | 0.3       | 1.6     | 0.96  | 91.8      | 88.4938 | 66.2197 |
| 2009 | 6     | 23  | 3    | 23     | 43     | 0.3       | 1.6     | 0.98  | 90.8      | 88.4938 | 66.9435 |
| 2009 | 6     | 23  | 3    | 33     | 43     | 0.3       | 1.6     | 1.01  | 89.6      | 88.4938 | 68.391  |
| 2009 | 6     | 23  | 3    | 43     | 43     | 0.3       | 1.6     | 1.05  | 91.8      | 88.4938 | 70.2728 |
| 2009 | 6     | 23  | 3    | 53     | 43     | 0.3       | 1.6     | 0.96  | 89.2      | 88.4938 | 66.3645 |
| 2009 | 6     | 23  | 4    | 3      | 43     | 0.3       | 1.6     | 1.01  | 90.6      | 88.4938 | 68.2463 |
| 2009 | 6     | 23  | 4    | 13     | 43     | 0.3       | 1.6     | 1.01  | 90        | 88.4938 | 68.2463 |
| 2009 | 6     | 23  | 4    | 23     | 43     | 0.3       | 1.6     | 1     | 92.1      | 88.4938 | 67.812  |
| 2009 | 6     | 23  | 4    | 33     | 43     | 0.3       | 1.6     | 1     | 90.2      | 88.3223 | 68.0094 |
| 2009 | 6     | 23  | 4    | 43     | 43     | 0.3       | 1.6     | 0.97  | 90        | 88.3223 | 66.708  |
| 2009 | 6     | 23  | 4    | 53     | 43     | 0.3       | 1.6     | 0.99  | 90.9      | 88.3223 | 67.5756 |
| 2009 | 6     | 23  | 5    | 3      | 43     | 0.3       | 1.6     | 0.98  | 90.8      | 88.3223 | 66.8526 |
| 2009 | 6     | 23  | 5    | 13     | 43     | 0.3       | 1.6     | 0.97  | 87.9      | 88.3223 | 66.5634 |
| 2009 | 6     | 23  | 5    | 23     | 43     | 0.3       | 1.6     | 0.97  | 91.9      | 88.151  | 66.6171 |
| 2009 | 6     | 23  | 5    | 33     | 43     | 0.3       | 1.6     | 0.96  | 91.2      | 88.151  | 66.1837 |
| 2009 | 6     | 23  | 5    | 43     | 43     | 0.3       | 1.6     | 0.99  | 91.1      | 88.151  | 67.1949 |
| 2009 | 6     | 23  | 5    | 53     | 43     | 0.3       | 1.6     | 0.96  | 90.2      | 88.151  | 66.1837 |
| 2009 | 6     | 23  | 6    | 3      | 43     | 0.3       | 1.6     | 0.99  | 90        | 88.151  | 67.3393 |
| 2009 | 6     | 23  | 6    | 13     | 43     | 0.3       | 1.6     | 0.97  | 90.8      | 88.151  | 66.6171 |
| 2009 | 6     | 23  | 6    | 23     | 43     | 0.3       | 1.6     | 0.98  | 89.8      | 87.9797 | 66.6704 |
| 2009 | 6     | 23  | 6    | 33     | 43     | 0.3       | 1.6     | 1.03  | 89.5      | 87.9797 | 69.1235 |
| 2009 | 6     | 23  | 6    | 43     | 43     | 0.3       | 1.6     | 0.97  | 88.3      | 87.9797 | 66.5261 |
| 2009 | 6     | 23  | 6    | 53     | 43     | 0.3       | 1.6     | 0.96  | 93.5      | 87.8085 | 65.5702 |
| 2009 | 6     | 23  | 7    | 3      | 43     | 0.3       | 1.6     | 0.99  | 91.7      | 87.8085 | 67.1558 |
| 2009 | 6     | 23  | 7    | 13     | 43     | 0.3       | 1.6     | 0.99  | 88.3      | 87.6373 | 66.92   |
| 2009 | 6     | 23  | 7    | 23     | 43     | 0.3       | 1.6     | 1.05  | 92.3      | 87.6373 | 69.5119 |
| 2009 | 6     | 23  | 7    | 33     | 43     | 0.3       | 1.6     | 1     | 92.4      | 87.4663 | 67.5474 |
| 2009 | 6     | 23  | 7    | 43     | 43     | 0.3       | 1.6     | 1.02  | 90.7      | 87.4663 | 68.2666 |
| 2009 | 6     | 23  | 7    | 53     | 43     | 0.3       | 1.6     | 0.97  | 89.4      | 87.4663 | 66.1089 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 23  | 8    | 3      | 43     | 0.3       | 1.6     | 1     | 89.6      | 87.4663 | 67.4035 |
| 2009 | 6     | 23  | 8    | 13     | 43     | 0.3       | 1.6     | 0.99  | 86.8      | 87.4663 | 66.972  |
| 2009 | 6     | 23  | 8    | 23     | 43     | 0.3       | 1.6     | 0.98  | 93.4      | 87.2954 | 66.4489 |
| 2009 | 6     | 23  | 8    | 33     | 43     | 0.3       | 1.6     | 1.04  | 92        | 87.2954 | 69.0353 |
| 2009 | 6     | 23  | 8    | 43     | 43     | 0.3       | 1.6     | 1     | 91.7      | 87.1245 | 67.362  |
| 2009 | 6     | 23  | 8    | 53     | 43     | 0.3       | 1.6     | 0.97  | 90        | 87.1245 | 65.9266 |
| 2009 | 6     | 23  | 9    | 3      | 43     | 0.3       | 1.6     | 0.97  | 89.2      | 87.1245 | 65.9266 |
| 2009 | 6     | 23  | 9    | 13     | 43     | 0.3       | 1.6     | 1.01  | 92.4      | 86.9538 | 67.6993 |
| 2009 | 6     | 23  | 9    | 23     | 43     | 0.3       | 1.6     | 1.01  | 88.5      | 86.9538 | 67.5559 |
| 2009 | 6     | 23  | 9    | 33     | 43     | 0.3       | 1.6     | 0.99  | 90.4      | 86.9538 | 66.5522 |
| 2009 | 6     | 23  | 9    | 43     | 43     | 0.3       | 1.6     | 0.97  | 91.5      | 86.9538 | 65.8353 |
| 2009 | 6     | 23  | 9    | 53     | 43     | 0.3       | 1.6     | 1.01  | 93.2      | 86.7831 | 67.3195 |
| 2009 | 6     | 23  | 10   | 3      | 43     | 0.3       | 1.6     | 0.98  | 89.2      | 86.7831 | 66.0304 |
| 2009 | 6     | 23  | 10   | 13     | 43     | 0.3       | 1.6     | 1.03  | 89.3      | 86.7831 | 68.3221 |
| 2009 | 6     | 23  | 10   | 23     | 43     | 0.3       | 1.6     | 1.03  | 90        | 86.7831 | 68.4653 |
| 2009 | 6     | 23  | 10   | 33     | 43     | 0.3       | 1.6     | 0.99  | 88.7      | 86.9538 | 66.5522 |
| 2009 | 6     | 23  | 10   | 43     | 43     | 0.3       | 1.6     | 1.02  | 89.6      | 86.7831 | 67.8924 |
| 2009 | 6     | 23  | 10   | 53     | 43     | 0.3       | 1.6     | 0.96  | 88.4      | 86.7831 | 65.171  |
| 2009 | 6     | 23  | 11   | 3      | 43     | 0.3       | 1.6     | 0.99  | 88.5      | 86.7831 | 66.6033 |
| 2009 | 6     | 23  | 11   | 13     | 43     | 0.3       | 1.6     | 0.98  | 88.1      | 86.7831 | 66.0304 |
| 2009 | 6     | 23  | 11   | 23     | 43     | 0.3       | 1.6     | 1.05  | 88.9      | 86.7831 | 69.1815 |
| 2009 | 6     | 23  | 11   | 33     | 43     | 0.3       | 1.6     | 0.99  | 90.8      | 86.7831 | 66.4601 |
| 2009 | 6     | 23  | 11   | 43     | 43     | 0.3       | 1.6     | 0.96  | 89.2      | 86.7831 | 65.171  |
| 2009 | 6     | 23  | 11   | 53     | 43     | 0.3       | 1.6     | 0.95  | 88.6      | 86.7831 | 64.5981 |
| 2009 | 6     | 23  | 12   | 3      | 43     | 0.3       | 1.6     | 0.99  | 91.5      | 86.7831 | 66.6033 |
| 2009 | 6     | 23  | 12   | 13     | 43     | 0.3       | 1.6     | 1     | 89.1      | 86.7831 | 67.033  |
| 2009 | 6     | 23  | 12   | 23     | 43     | 0.3       | 1.6     | 0.98  | 89.4      | 86.6126 | 65.9386 |
| 2009 | 6     | 23  | 12   | 33     | 43     | 0.3       | 1.6     | 0.92  | 86.7      | 86.6126 | 63.2201 |
| 2009 | 6     | 23  | 12   | 43     | 43     | 0.3       | 1.6     | 0.98  | 89        | 86.6126 | 65.9386 |
| 2009 | 6     | 23  | 12   | 53     | 43     | 0.3       | 1.6     | 1.01  | 89.4      | 86.6126 | 67.5125 |
| 2009 | 6     | 23  | 13   | 3      | 43     | 0.3       | 1.6     | 0.9   | 87.1      | 86.4421 | 62.2737 |
| 2009 | 6     | 23  | 13   | 13     | 43     | 0.3       | 1.6     | 0.96  | 87.8      | 86.2717 | 64.7555 |
| 2009 | 6     | 23  | 13   | 23     | 43     | 0.3       | 1.6     | 1.03  | 87.8      | 86.2717 | 68.1819 |
| 2009 | 6     | 23  | 13   | 33     | 43     | 0.3       | 1.6     | 0.94  | 89.8      | 86.1014 | 63.8089 |
| 2009 | 6     | 23  | 13   | 43     | 43     | 0.3       | 1.6     | 1.02  | 90        | 86.1014 | 67.3742 |
| 2009 | 6     | 23  | 13   | 53     | 43     | 0.3       | 1.6     | 1.04  | 87.1      | 86.1014 | 68.5151 |
| 2009 | 6     | 23  | 14   | 3      | 43     | 0.3       | 1.6     | 0.98  | 89.6      | 86.1014 | 65.9481 |
| 2009 | 6     | 23  | 14   | 13     | 43     | 0.3       | 1.6     | 0.97  | 86.3      | 85.9311 | 65.1434 |
| 2009 | 6     | 23  | 14   | 23     | 43     | 0.3       | 1.6     | 0.98  | 89.8      | 85.9311 | 65.5707 |
| 2009 | 6     | 23  | 14   | 33     | 43     | 0.3       | 1.6     | 1.02  | 90.7      | 85.9311 | 67.4227 |
| 2009 | 6     | 23  | 14   | 43     | 43     | 0.3       | 1.6     | 1.03  | 87.8      | 85.9311 | 67.9925 |
| 2009 | 6     | 23  | 14   | 53     | 43     | 0.3       | 1.6     | 1     | 90.4      | 85.761  | 66.3324 |
| 2009 | 6     | 23  | 15   | 3      | 43     | 0.3       | 1.6     | 0.98  | 88.1      | 85.761  | 65.6209 |
| 2009 | 6     | 23  | 15   | 13     | 43     | 0.3       | 1.6     | 1.04  | 91.1      | 85.761  | 68.04   |
| 2009 | 6     | 23  | 15   | 23     | 43     | 0.3       | 1.6     | 0.95  | 88.8      | 85.761  | 64.0555 |
| 2009 | 6     | 23  | 15   | 33     | 43     | 0.3       | 1.6     | 1.06  | 90        | 85.761  | 68.8939 |
| 2009 | 6     | 23  | 15   | 43     | 43     | 0.3       | 1.6     | 0.99  | 86.4      | 85.761  | 65.7632 |
| 2009 | 6     | 23  | 15   | 53     | 43     | 0.3       | 1.6     | 0.99  | 88.3      | 85.761  | 66.0478 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 23  | 16   | 3      | 43     | 0.3       | 1.6     | 1.01  | 89.3      | 85.591  | 66.6656 |
| 2009 | 6     | 23  | 16   | 13     | 43     | 0.3       | 1.6     | 1     | 89.2      | 85.591  | 66.2392 |
| 2009 | 6     | 23  | 16   | 23     | 43     | 0.3       | 1.6     | 1.01  | 89.3      | 85.591  | 66.9499 |
| 2009 | 6     | 23  | 16   | 33     | 43     | 0.3       | 1.6     | 0.96  | 89.6      | 85.591  | 64.5334 |
| 2009 | 6     | 23  | 16   | 43     | 43     | 0.3       | 1.6     | 1     | 88.1      | 85.591  | 66.3814 |
| 2009 | 6     | 23  | 16   | 53     | 43     | 0.3       | 1.6     | 0.99  | 85.6      | 85.591  | 65.6706 |
| 2009 | 6     | 23  | 17   | 3      | 43     | 0.3       | 1.6     | 1.01  | 87.8      | 85.591  | 66.6656 |
| 2009 | 6     | 23  | 17   | 13     | 43     | 0.3       | 1.6     | 0.96  | 90.4      | 85.421  | 64.726  |
| 2009 | 6     | 23  | 17   | 23     | 43     | 0.3       | 1.6     | 1.02  | 90        | 85.591  | 67.3764 |
| 2009 | 6     | 23  | 17   | 33     | 43     | 0.3       | 1.6     | 1.02  | 87.6      | 85.421  | 67.2819 |
| 2009 | 6     | 23  | 17   | 43     | 43     | 0.3       | 1.6     | 0.99  | 88.9      | 85.421  | 65.72   |
| 2009 | 6     | 23  | 17   | 53     | 43     | 0.3       | 1.6     | 0.98  | 87.5      | 85.421  | 65.436  |
| 2009 | 6     | 23  | 18   | 3      | 43     | 0.3       | 1.6     | 0.98  | 87.1      | 85.421  | 65.436  |
| 2009 | 6     | 23  | 18   | 13     | 43     | 0.3       | 1.6     | 0.96  | 88.8      | 85.421  | 64.584  |
| 2009 | 6     | 23  | 18   | 23     | 43     | 0.3       | 1.6     | 0.99  | 91.7      | 85.421  | 65.862  |
| 2009 | 6     | 23  | 18   | 33     | 43     | 0.3       | 1.6     | 0.98  | 91.1      | 85.421  | 65.436  |
| 2009 | 6     | 23  | 18   | 43     | 43     | 0.3       | 1.6     | 0.97  | 89.2      | 85.421  | 65.152  |
| 2009 | 6     | 23  | 18   | 53     | 43     | 0.3       | 1.6     | 0.96  | 92.7      | 85.421  | 64.442  |
| 2009 | 6     | 23  | 19   | 3      | 43     | 0.3       | 1.6     | 1.01  | 89.4      | 85.421  | 66.5719 |
| 2009 | 6     | 23  | 19   | 13     | 43     | 0.3       | 1.6     | 0.91  | 90        | 85.421  | 62.1702 |
| 2009 | 6     | 23  | 19   | 23     | 43     | 0.3       | 1.6     | 1.06  | 87.7      | 85.421  | 68.7018 |
| 2009 | 6     | 23  | 19   | 33     | 43     | 0.3       | 1.6     | 1     | 88.3      | 85.421  | 66.1459 |
| 2009 | 6     | 23  | 19   | 43     | 43     | 0.3       | 1.6     | 1.04  | 89.3      | 85.421  | 67.9918 |
| 2009 | 6     | 23  | 19   | 53     | 43     | 0.3       | 1.6     | 1.04  | 86        | 85.421  | 67.7078 |
| 2009 | 6     | 23  | 20   | 3      | 43     | 0.3       | 1.6     | 1.06  | 90.7      | 85.421  | 68.7018 |
| 2009 | 6     | 23  | 20   | 13     | 43     | 0.3       | 1.6     | 1     | 90.2      | 85.591  | 66.2392 |
| 2009 | 6     | 23  | 20   | 23     | 43     | 0.3       | 1.6     | 1.01  | 89.8      | 85.591  | 66.8078 |
| 2009 | 6     | 23  | 20   | 33     | 43     | 0.3       | 1.6     | 0.99  | 90.8      | 85.591  | 65.8128 |
| 2009 | 6     | 23  | 20   | 43     | 43     | 0.3       | 1.6     | 0.95  | 89.6      | 85.591  | 64.3913 |
| 2009 | 6     | 23  | 20   | 53     | 43     | 0.3       | 1.6     | 1.04  | 89.3      | 85.761  | 68.04   |
| 2009 | 6     | 23  | 21   | 3      | 43     | 0.3       | 1.6     | 1     | 89.1      | 85.761  | 66.3324 |
| 2009 | 6     | 23  | 21   | 13     | 43     | 0.3       | 1.6     | 1     | 87.4      | 85.9311 | 66.283  |
| 2009 | 6     | 23  | 21   | 23     | 43     | 0.3       | 1.6     | 0.98  | 89.8      | 86.1014 | 65.9481 |
| 2009 | 6     | 23  | 21   | 33     | 43     | 0.3       | 1.6     | 1     | 89.8      | 86.2717 | 66.7542 |
| 2009 | 6     | 23  | 21   | 43     | 43     | 0.3       | 1.6     | 0.99  | 93.4      | 86.2717 | 66.0404 |
| 2009 | 6     | 23  | 21   | 53     | 43     | 0.3       | 1.6     | 1.02  | 90.6      | 86.2717 | 67.7536 |
| 2009 | 6     | 23  | 22   | 3      | 43     | 0.3       | 1.6     | 1.02  | 89.4      | 86.4421 | 67.5619 |
| 2009 | 6     | 23  | 22   | 13     | 43     | 0.3       | 1.6     | 1     | 89.6      | 86.4421 | 66.9902 |
| 2009 | 6     | 23  | 22   | 23     | 43     | 0.3       | 1.6     | 1     | 88.3      | 86.4421 | 66.8472 |
| 2009 | 6     | 23  | 22   | 33     | 43     | 0.3       | 1.6     | 1.01  | 92.8      | 86.4421 | 66.9902 |
| 2009 | 6     | 23  | 22   | 43     | 43     | 0.3       | 1.6     | 1.02  | 90        | 86.4421 | 67.8477 |
| 2009 | 6     | 23  | 22   | 53     | 43     | 0.3       | 1.6     | 0.98  | 88.9      | 86.6126 | 66.2248 |
| 2009 | 6     | 23  | 23   | 3      | 43     | 0.3       | 1.6     | 0.91  | 90.8      | 86.6126 | 63.0771 |
| 2009 | 6     | 23  | 23   | 13     | 43     | 0.3       | 1.6     | 1     | 87.9      | 86.6126 | 67.0832 |
| 2009 | 6     | 23  | 23   | 23     | 43     | 0.3       | 1.6     | 1     | 88.7      | 86.6126 | 67.0832 |
| 2009 | 6     | 23  | 23   | 33     | 43     | 0.3       | 1.6     | 1     | 91.9      | 86.6126 | 66.7971 |
| 2009 | 6     | 23  | 23   | 43     | 43     | 0.3       | 1.6     | 1.01  | 90.7      | 86.7831 | 67.6059 |
| 2009 | 6     | 23  | 23   | 53     | 43     | 0.3       | 1.6     | 0.95  | 91.6      | 86.7831 | 64.5981 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 24  | 0    | 3      | 43     | 0.3       | 1.6     | 0.98  | 91        | 86.7831 | 66.1736 |
| 2009 | 6     | 24  | 0    | 13     | 43     | 0.3       | 1.6     | 0.96  | 91        | 86.7831 | 65.171  |
| 2009 | 6     | 24  | 0    | 23     | 43     | 0.3       | 1.6     | 0.92  | 90.4      | 86.7831 | 63.5954 |
| 2009 | 6     | 24  | 0    | 33     | 43     | 0.3       | 1.6     | 1.03  | 91.3      | 86.7831 | 68.4653 |
| 2009 | 6     | 24  | 0    | 43     | 43     | 0.3       | 1.6     | 0.91  | 90.6      | 86.7831 | 63.1657 |
| 2009 | 6     | 24  | 0    | 53     | 43     | 0.3       | 1.6     | 1.02  | 93.1      | 86.9538 | 67.6993 |
| 2009 | 6     | 24  | 1    | 3      | 43     | 0.3       | 1.6     | 0.97  | 92.5      | 86.9538 | 65.8353 |
| 2009 | 6     | 24  | 1    | 13     | 43     | 0.3       | 1.6     | 1.01  | 90.2      | 86.9538 | 67.5559 |
| 2009 | 6     | 24  | 1    | 23     | 43     | 0.3       | 1.6     | 0.94  | 89        | 86.9538 | 64.5448 |
| 2009 | 6     | 24  | 1    | 33     | 43     | 0.3       | 1.6     | 0.98  | 88.8      | 86.9538 | 66.1221 |
| 2009 | 6     | 24  | 1    | 43     | 43     | 0.3       | 1.6     | 0.99  | 91.1      | 86.9538 | 66.839  |
| 2009 | 6     | 24  | 1    | 53     | 43     | 0.3       | 1.6     | 0.98  | 88.1      | 86.9538 | 66.4088 |
| 2009 | 6     | 24  | 2    | 3      | 43     | 0.3       | 1.6     | 0.98  | 91        | 86.9538 | 66.4088 |
| 2009 | 6     | 24  | 2    | 13     | 43     | 0.3       | 1.6     | 1.04  | 90.9      | 87.1245 | 68.9409 |
| 2009 | 6     | 24  | 2    | 23     | 43     | 0.3       | 1.6     | 0.93  | 87        | 87.1245 | 63.917  |
| 2009 | 6     | 24  | 2    | 33     | 43     | 0.3       | 1.6     | 0.92  | 91        | 87.1245 | 63.4864 |
| 2009 | 6     | 24  | 2    | 43     | 43     | 0.3       | 1.6     | 1.01  | 90        | 87.1245 | 67.5055 |
| 2009 | 6     | 24  | 2    | 53     | 43     | 0.3       | 1.6     | 0.98  | 90.6      | 87.1245 | 66.5007 |
| 2009 | 6     | 24  | 3    | 3      | 43     | 0.3       | 1.6     | 0.97  | 89.8      | 87.1245 | 65.9266 |
| 2009 | 6     | 24  | 3    | 13     | 43     | 0.3       | 1.6     | 0.97  | 89.2      | 87.2954 | 66.0178 |
| 2009 | 6     | 24  | 3    | 23     | 43     | 0.3       | 1.6     | 0.97  | 89.6      | 87.2954 | 66.1615 |
| 2009 | 6     | 24  | 3    | 33     | 43     | 0.3       | 1.6     | 0.98  | 88.7      | 87.2954 | 66.5926 |
| 2009 | 6     | 24  | 3    | 43     | 43     | 0.3       | 1.6     | 1     | 91.3      | 87.4663 | 67.2597 |
| 2009 | 6     | 24  | 3    | 53     | 43     | 0.3       | 1.6     | 1     | 93.2      | 87.4663 | 67.4035 |
| 2009 | 6     | 24  | 4    | 3      | 43     | 0.3       | 1.6     | 1.01  | 90.2      | 87.4663 | 67.9789 |
| 2009 | 6     | 24  | 4    | 13     | 43     | 0.3       | 1.6     | 1     | 91.1      | 87.6373 | 67.352  |
| 2009 | 6     | 24  | 4    | 23     | 43     | 0.3       | 1.6     | 1.03  | 88.4      | 87.6373 | 68.7919 |
| 2009 | 6     | 24  | 4    | 33     | 43     | 0.3       | 1.6     | 0.95  | 91.6      | 87.9797 | 65.2274 |
| 2009 | 6     | 24  | 4    | 43     | 43     | 0.3       | 1.6     | 1.03  | 91.5      | 87.8085 | 68.7415 |
| 2009 | 6     | 24  | 4    | 53     | 43     | 0.3       | 1.6     | 0.96  | 88.6      | 88.151  | 65.8948 |
| 2009 | 6     | 24  | 5    | 3      | 43     | 0.3       | 1.6     | 1.01  | 90        | 88.151  | 68.0616 |
| 2009 | 6     | 24  | 5    | 13     | 43     | 0.3       | 1.6     | 0.98  | 90        | 88.151  | 67.0504 |
| 2009 | 6     | 24  | 5    | 23     | 43     | 0.3       | 1.6     | 0.96  | 88.8      | 88.151  | 66.0393 |
| 2009 | 6     | 24  | 5    | 33     | 43     | 0.3       | 1.6     | 1.01  | 90.2      | 88.151  | 68.206  |
| 2009 | 6     | 24  | 5    | 43     | 43     | 0.3       | 1.6     | 0.98  | 90.8      | 88.3223 | 66.8526 |
| 2009 | 6     | 24  | 5    | 53     | 43     | 0.3       | 1.6     | 0.99  | 88.5      | 88.3223 | 67.2864 |
| 2009 | 6     | 24  | 6    | 3      | 43     | 0.3       | 1.6     | 1     | 91.7      | 88.3223 | 67.7202 |
| 2009 | 6     | 24  | 6    | 13     | 43     | 0.3       | 1.6     | 1.07  | 92.1      | 88.3223 | 70.7568 |
| 2009 | 6     | 24  | 6    | 23     | 43     | 0.3       | 1.6     | 0.99  | 88.1      | 88.3223 | 67.5756 |
| 2009 | 6     | 24  | 6    | 33     | 43     | 0.3       | 1.6     | 1.03  | 88.5      | 88.3223 | 69.1662 |
| 2009 | 6     | 24  | 6    | 43     | 43     | 0.3       | 1.6     | 0.97  | 89.2      | 88.4938 | 66.654  |
| 2009 | 6     | 24  | 6    | 53     | 43     | 0.3       | 1.6     | 0.99  | 90.4      | 88.4938 | 67.6673 |
| 2009 | 6     | 24  | 7    | 3      | 43     | 0.3       | 1.6     | 1.01  | 90.9      | 88.4938 | 68.391  |
| 2009 | 6     | 24  | 7    | 13     | 43     | 0.3       | 1.6     | 0.98  | 93.6      | 88.4938 | 67.0883 |
| 2009 | 6     | 24  | 7    | 23     | 43     | 0.3       | 1.6     | 0.98  | 88.7      | 88.4938 | 67.0883 |
| 2009 | 6     | 24  | 7    | 33     | 43     | 0.3       | 1.6     | 0.93  | 85.5      | 88.4938 | 64.6275 |
| 2009 | 6     | 24  | 7    | 43     | 43     | 0.3       | 1.6     | 0.98  | 89.2      | 88.4938 | 67.0883 |
| 2009 | 6     | 24  | 7    | 53     | 43     | 0.3       | 1.6     | 1.03  | 91.3      | 88.6654 | 69.2079 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 24  | 8    | 3      | 43     | 0.3       | 1.6     | 1     | 91.3      | 88.6654 | 68.0487 |
| 2009 | 6     | 24  | 8    | 13     | 43     | 0.3       | 1.6     | 1.06  | 87.9      | 88.6654 | 70.6569 |
| 2009 | 6     | 24  | 8    | 23     | 43     | 0.3       | 1.6     | 1     | 89.6      | 88.6654 | 68.0487 |
| 2009 | 6     | 24  | 8    | 33     | 43     | 0.3       | 1.6     | 0.94  | 90.8      | 88.6654 | 65.4405 |
| 2009 | 6     | 24  | 8    | 43     | 43     | 0.3       | 1.6     | 0.98  | 91.5      | 88.6654 | 67.3242 |
| 2009 | 6     | 24  | 8    | 53     | 43     | 0.3       | 1.6     | 1     | 90        | 88.6654 | 68.0487 |
| 2009 | 6     | 24  | 9    | 3      | 43     | 0.3       | 1.6     | 0.95  | 90.8      | 88.6654 | 65.7303 |
| 2009 | 6     | 24  | 9    | 13     | 43     | 0.3       | 1.6     | 0.95  | 90.8      | 88.6654 | 65.7303 |
| 2009 | 6     | 24  | 9    | 23     | 43     | 0.3       | 1.6     | 1.01  | 87        | 88.6654 | 68.4834 |
| 2009 | 6     | 24  | 9    | 33     | 43     | 0.3       | 1.6     | 1.04  | 86.6      | 88.6654 | 69.6426 |
| 2009 | 6     | 24  | 9    | 43     | 43     | 0.3       | 1.6     | 0.99  | 91.7      | 88.6654 | 67.7589 |
| 2009 | 6     | 24  | 9    | 53     | 43     | 0.3       | 1.6     | 0.99  | 89.1      | 88.6654 | 67.7589 |
| 2009 | 6     | 24  | 10   | 3      | 43     | 0.3       | 1.6     | 1.01  | 90.6      | 88.6654 | 68.3385 |
| 2009 | 6     | 24  | 10   | 13     | 43     | 0.3       | 1.6     | 1     | 90.4      | 88.6654 | 68.1936 |
| 2009 | 6     | 24  | 10   | 23     | 43     | 0.3       | 1.6     | 1.02  | 88.3      | 88.6654 | 68.9181 |
| 2009 | 6     | 24  | 10   | 33     | 43     | 0.3       | 1.6     | 1.02  | 90.7      | 88.6654 | 68.7732 |
| 2009 | 6     | 24  | 10   | 43     | 43     | 0.3       | 1.6     | 1.02  | 87.4      | 88.6654 | 69.063  |
| 2009 | 6     | 24  | 10   | 53     | 43     | 0.3       | 1.6     | 0.98  | 86.7      | 88.6654 | 67.0344 |
| 2009 | 6     | 24  | 11   | 3      | 43     | 0.3       | 1.6     | 1.01  | 90        | 88.6654 | 68.6283 |
| 2009 | 6     | 24  | 11   | 13     | 43     | 0.3       | 1.6     | 1.02  | 91.5      | 88.6654 | 69.063  |
| 2009 | 6     | 24  | 11   | 23     | 43     | 0.3       | 1.6     | 1.01  | 90.7      | 88.6654 | 68.4834 |
| 2009 | 6     | 24  | 11   | 33     | 43     | 0.3       | 1.6     | 0.98  | 90        | 88.4938 | 66.9435 |
| 2009 | 6     | 24  | 11   | 43     | 43     | 0.3       | 1.6     | 0.95  | 89.6      | 88.4938 | 65.7855 |
| 2009 | 6     | 24  | 11   | 53     | 43     | 0.3       | 1.6     | 0.92  | 89.6      | 88.3223 | 64.2497 |
| 2009 | 6     | 24  | 12   | 3      | 43     | 0.3       | 1.6     | 1.01  | 91.3      | 88.3223 | 68.154  |
| 2009 | 6     | 24  | 12   | 13     | 43     | 0.3       | 1.6     | 0.98  | 90.4      | 88.3223 | 66.9972 |
| 2009 | 6     | 24  | 12   | 23     | 43     | 0.3       | 1.6     | 1.02  | 88.5      | 88.3223 | 68.5878 |
| 2009 | 6     | 24  | 12   | 33     | 43     | 0.3       | 1.6     | 1     | 87.6      | 88.3223 | 67.8648 |
| 2009 | 6     | 24  | 12   | 43     | 43     | 0.3       | 1.6     | 0.95  | 89.6      | 88.151  | 65.6059 |
| 2009 | 6     | 24  | 12   | 53     | 43     | 0.3       | 1.6     | 0.95  | 88.4      | 88.151  | 65.6059 |
| 2009 | 6     | 24  | 13   | 3      | 43     | 0.3       | 1.6     | 0.98  | 89.2      | 88.151  | 66.7615 |
| 2009 | 6     | 24  | 13   | 13     | 43     | 0.3       | 1.6     | 1.01  | 88.1      | 88.151  | 68.3505 |
| 2009 | 6     | 24  | 13   | 23     | 43     | 0.3       | 1.6     | 1.08  | 88.4      | 88.151  | 71.2395 |
| 2009 | 6     | 24  | 13   | 33     | 43     | 0.3       | 1.6     | 1.01  | 87.6      | 87.9797 | 67.9691 |
| 2009 | 6     | 24  | 13   | 43     | 43     | 0.3       | 1.6     | 0.94  | 90.6      | 88.4938 | 65.2065 |
| 2009 | 6     | 24  | 13   | 53     | 43     | 0.3       | 1.6     | 0.99  | 88.5      | 88.837  | 67.5603 |
| 2009 | 6     | 24  | 14   | 3      | 43     | 0.3       | 1.6     | 0.96  | 87.3      | 89.1806 | 66.5797 |
| 2009 | 6     | 24  | 14   | 13     | 43     | 0.3       | 1.6     | 0.94  | 86.8      | 89.5245 | 65.594  |
| 2009 | 6     | 24  | 14   | 23     | 43     | 0.3       | 1.6     | 0.99  | 86.8      | 89.6966 | 68.0152 |
| 2009 | 6     | 24  | 14   | 33     | 43     | 0.3       | 1.6     | 0.98  | 90.2      | 89.8688 | 67.9599 |
| 2009 | 6     | 24  | 14   | 43     | 43     | 0.3       | 1.6     | 0.98  | 90        | 90.0411 | 67.7582 |
| 2009 | 6     | 24  | 14   | 53     | 43     | 0.3       | 1.6     | 0.94  | 88.2      | 90.3859 | 66.0354 |
| 2009 | 6     | 24  | 15   | 3      | 43     | 0.3       | 1.6     | 1.04  | 89.1      | 90.7311 | 70.905  |
| 2009 | 6     | 24  | 15   | 13     | 43     | 0.3       | 1.6     | 0.96  | 88.2      | 90.9038 | 67.327  |
| 2009 | 6     | 24  | 15   | 23     | 43     | 0.3       | 1.6     | 0.92  | 84.7      | 90.9038 | 65.2716 |
| 2009 | 6     | 24  | 15   | 33     | 43     | 0.3       | 1.6     | 0.91  | 91.9      | 90.9038 | 64.9779 |
| 2009 | 6     | 24  | 15   | 43     | 43     | 0.3       | 1.6     | 0.96  | 89.2      | 90.9038 | 67.327  |
| 2009 | 6     | 24  | 15   | 53     | 43     | 0.3       | 1.6     | 0.99  | 90        | 90.9038 | 68.7952 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 24  | 16   | 3      | 43     | 0.3       | 1.6     | 0.89  | 89.6      | 90.9038 | 64.2438 |
| 2009 | 6     | 24  | 16   | 13     | 43     | 0.3       | 1.6     | 0.96  | 90        | 90.9038 | 67.6207 |
| 2009 | 6     | 24  | 16   | 23     | 43     | 0.3       | 1.6     | 0.95  | 88.4      | 90.7311 | 66.9448 |
| 2009 | 6     | 24  | 16   | 33     | 43     | 0.3       | 1.6     | 1.02  | 86.9      | 90.7311 | 69.8783 |
| 2009 | 6     | 24  | 16   | 43     | 43     | 0.3       | 1.6     | 0.94  | 90.8      | 90.5585 | 66.27   |
| 2009 | 6     | 24  | 16   | 53     | 43     | 0.3       | 1.6     | 0.97  | 88.1      | 90.5585 | 67.4422 |
| 2009 | 6     | 24  | 17   | 3      | 43     | 0.3       | 1.6     | 1.01  | 88.5      | 90.2134 | 69.4569 |
| 2009 | 6     | 24  | 17   | 13     | 43     | 0.3       | 1.6     | 0.94  | 90        | 90.2134 | 66.0935 |
| 2009 | 6     | 24  | 17   | 23     | 43     | 0.3       | 1.6     | 0.97  | 89.4      | 90.0411 | 67.32   |
| 2009 | 6     | 24  | 17   | 33     | 43     | 0.3       | 1.6     | 0.94  | 90.6      | 90.0411 | 66.2974 |
| 2009 | 6     | 24  | 17   | 43     | 43     | 0.3       | 1.6     | 0.99  | 87.9      | 89.6966 | 68.3068 |
| 2009 | 6     | 24  | 17   | 53     | 43     | 0.3       | 1.6     | 0.93  | 89.2      | 89.8688 | 65.6249 |
| 2009 | 6     | 24  | 18   | 3      | 43     | 0.3       | 1.6     | 0.92  | 87.1      | 89.6966 | 64.8077 |
| 2009 | 6     | 24  | 18   | 13     | 43     | 0.3       | 1.6     | 1     | 87.9      | 89.6966 | 68.4525 |
| 2009 | 6     | 24  | 18   | 23     | 43     | 0.3       | 1.6     | 0.98  | 89.2      | 89.6966 | 67.5778 |
| 2009 | 6     | 24  | 18   | 33     | 43     | 0.3       | 1.6     | 0.93  | 90        | 89.6966 | 65.2451 |
| 2009 | 6     | 24  | 18   | 43     | 43     | 0.3       | 1.6     | 1.01  | 87.6      | 89.6966 | 68.8899 |
| 2009 | 6     | 24  | 18   | 53     | 43     | 0.3       | 1.6     | 0.99  | 88.3      | 89.5245 | 68.2157 |
| 2009 | 6     | 24  | 19   | 3      | 43     | 0.3       | 1.6     | 0.9   | 87.3      | 89.5245 | 63.9919 |
| 2009 | 6     | 24  | 19   | 13     | 43     | 0.3       | 1.6     | 1.05  | 87        | 89.5245 | 70.8373 |
| 2009 | 6     | 24  | 19   | 23     | 43     | 0.3       | 1.6     | 0.97  | 88.3      | 89.6966 | 67.2862 |
| 2009 | 6     | 24  | 19   | 33     | 43     | 0.3       | 1.6     | 1.05  | 89.3      | 89.6966 | 70.6395 |
| 2009 | 6     | 24  | 19   | 43     | 43     | 0.3       | 1.6     | 1.01  | 88.3      | 89.8688 | 68.9815 |
| 2009 | 6     | 24  | 19   | 53     | 43     | 0.3       | 1.6     | 1.03  | 89.3      | 89.8688 | 69.8572 |
| 2009 | 6     | 24  | 20   | 3      | 43     | 0.3       | 1.6     | 1     | 88.9      | 90.0411 | 68.6348 |
| 2009 | 6     | 24  | 20   | 13     | 43     | 0.3       | 1.6     | 1.02  | 88.3      | 90.0411 | 69.8035 |
| 2009 | 6     | 24  | 20   | 23     | 43     | 0.3       | 1.6     | 0.97  | 88.3      | 90.2134 | 67.4096 |
| 2009 | 6     | 24  | 20   | 33     | 43     | 0.3       | 1.6     | 0.99  | 88.3      | 90.3859 | 68.6703 |
| 2009 | 6     | 24  | 20   | 43     | 43     | 0.3       | 1.6     | 1.03  | 88.7      | 90.5585 | 70.3728 |
| 2009 | 6     | 24  | 20   | 53     | 43     | 0.3       | 1.6     | 0.99  | 87.5      | 90.7311 | 68.5582 |
| 2009 | 6     | 24  | 21   | 3      | 43     | 0.3       | 1.6     | 0.99  | 87.7      | 90.7311 | 68.5582 |
| 2009 | 6     | 24  | 21   | 13     | 43     | 0.3       | 1.6     | 1.04  | 89.3      | 90.9038 | 70.9975 |
| 2009 | 6     | 24  | 21   | 23     | 43     | 0.3       | 1.6     | 1.06  | 88.4      | 90.9038 | 71.8784 |
| 2009 | 6     | 24  | 21   | 33     | 43     | 0.3       | 1.6     | 0.98  | 88.7      | 90.9038 | 68.208  |
| 2009 | 6     | 24  | 21   | 43     | 43     | 0.3       | 1.6     | 0.99  | 90.8      | 91.0766 | 68.8855 |
| 2009 | 6     | 24  | 21   | 53     | 43     | 0.3       | 1.6     | 0.99  | 90        | 91.0766 | 68.7385 |
| 2009 | 6     | 24  | 22   | 3      | 43     | 0.3       | 1.6     | 0.97  | 88.1      | 91.0766 | 68.0037 |
| 2009 | 6     | 24  | 22   | 13     | 43     | 0.3       | 1.6     | 1.06  | 88.8      | 91.2495 | 72.2121 |
| 2009 | 6     | 24  | 22   | 23     | 43     | 0.3       | 1.6     | 1.06  | 88.6      | 91.2495 | 71.9179 |
| 2009 | 6     | 24  | 22   | 33     | 43     | 0.3       | 1.6     | 1     | 88.5      | 91.4225 | 69.5075 |
| 2009 | 6     | 24  | 22   | 43     | 43     | 0.3       | 1.6     | 1     | 89.4      | 91.4225 | 69.6548 |
| 2009 | 6     | 24  | 22   | 53     | 43     | 0.3       | 1.6     | 1     | 88.7      | 91.7688 | 69.8359 |
| 2009 | 6     | 24  | 23   | 3      | 43     | 0.3       | 1.6     | 1.07  | 88.2      | 91.942  | 72.7323 |
| 2009 | 6     | 24  | 23   | 13     | 43     | 0.3       | 2       | 1.05  | 88.6      | 92.4624 | 72.2705 |
| 2009 | 6     | 24  | 23   | 23     | 43     | 0.3       | 2       | 1.03  | 87.5      | 92.4624 | 71.53   |
| 2009 | 6     | 24  | 23   | 33     | 43     | 0.3       | 2       | 0.96  | 91.6      | 92.636  | 68.3597 |
| 2009 | 6     | 24  | 23   | 43     | 43     | 0.3       | 2       | 0.95  | 90.4      | 92.8097 | 68.1511 |
| 2009 | 6     | 24  | 23   | 53     | 43     | 0.3       | 2       | 1.02  | 89.8      | 92.8097 | 70.9706 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 25  | 0    | 3      | 43     | 0.3       | 2       | 0.98  | 91.5      | 92.9835 | 69.5757 |
| 2009 | 6     | 25  | 0    | 13     | 43     | 0.3       | 2       | 0.98  | 89.2      | 92.9835 | 69.2786 |
| 2009 | 6     | 25  | 0    | 23     | 43     | 0.3       | 2       | 1.02  | 88.7      | 92.9835 | 71.3581 |
| 2009 | 6     | 25  | 0    | 33     | 43     | 0.3       | 2       | 1.06  | 89.3      | 93.1574 | 73.2328 |
| 2009 | 6     | 25  | 0    | 43     | 43     | 0.3       | 2       | 1.01  | 89.3      | 93.1574 | 70.7053 |
| 2009 | 6     | 25  | 0    | 53     | 43     | 0.3       | 2       | 1     | 88.3      | 93.3314 | 70.6464 |
| 2009 | 6     | 25  | 1    | 3      | 43     | 0.3       | 2       | 1.05  | 91.1      | 93.5054 | 72.6724 |
| 2009 | 6     | 25  | 1    | 13     | 43     | 0.3       | 2       | 0.94  | 90        | 93.6796 | 67.8436 |
| 2009 | 6     | 25  | 1    | 23     | 43     | 0.3       | 2       | 1.01  | 91.9      | 94.0282 | 71.4524 |
| 2009 | 6     | 25  | 1    | 33     | 43     | 0.3       | 2       | 1.01  | 90.7      | 94.3771 | 71.6316 |
| 2009 | 6     | 25  | 1    | 43     | 43     | 0.3       | 2       | 0.99  | 87.7      | 94.5517 | 70.373  |
| 2009 | 6     | 25  | 1    | 53     | 43     | 0.3       | 2       | 1.02  | 90.7      | 94.5517 | 72.1705 |
| 2009 | 6     | 25  | 2    | 3      | 43     | 0.3       | 2       | 0.97  | 87.9      | 94.7264 | 69.8615 |
| 2009 | 6     | 25  | 2    | 13     | 43     | 0.3       | 2       | 1.03  | 88.5      | 94.9012 | 72.6501 |
| 2009 | 6     | 25  | 2    | 23     | 43     | 0.3       | 2       | 1.04  | 89.6      | 94.9012 | 73.1003 |
| 2009 | 6     | 25  | 2    | 33     | 43     | 0.3       | 2       | 1.06  | 89.6      | 94.9012 | 73.8506 |
| 2009 | 6     | 25  | 2    | 43     | 43     | 0.3       | 2       | 1.03  | 89.3      | 95.0761 | 72.5898 |
| 2009 | 6     | 25  | 2    | 53     | 43     | 0.3       | 2       | 1.03  | 87.6      | 95.0761 | 72.74   |
| 2009 | 6     | 25  | 3    | 3      | 43     | 0.3       | 2       | 1.08  | 89.8      | 95.2511 | 75.0848 |
| 2009 | 6     | 25  | 3    | 13     | 43     | 0.3       | 2       | 0.97  | 92.7      | 95.2511 | 70.1238 |
| 2009 | 6     | 25  | 3    | 23     | 43     | 0.3       | 2       | 0.96  | 89.2      | 95.2511 | 69.8231 |
| 2009 | 6     | 25  | 3    | 33     | 43     | 0.3       | 2       | 0.96  | 89.2      | 95.4261 | 69.6092 |
| 2009 | 6     | 25  | 3    | 43     | 43     | 0.3       | 2       | 1.09  | 92.2      | 95.6012 | 75.8706 |
| 2009 | 6     | 25  | 3    | 53     | 43     | 0.3       | 2       | 0.95  | 89.2      | 95.7765 | 69.4809 |
| 2009 | 6     | 25  | 4    | 3      | 43     | 0.3       | 2       | 1.02  | 87.8      | 96.1272 | 72.9754 |
| 2009 | 6     | 25  | 4    | 13     | 43     | 0.3       | 2       | 1.03  | 89.5      | 96.4783 | 73.3045 |
| 2009 | 6     | 25  | 4    | 23     | 43     | 0.3       | 2       | 0.99  | 88.3      | 96.4783 | 71.6405 |
| 2009 | 6     | 25  | 4    | 33     | 43     | 0.3       | 2       | 1.07  | 88.6      | 96.654  | 75.3617 |
| 2009 | 6     | 25  | 4    | 43     | 43     | 0.3       | 2       | 1.02  | 89.1      | 96.654  | 73.242  |
| 2009 | 6     | 25  | 4    | 53     | 43     | 0.3       | 2       | 1.07  | 87.7      | 96.8298 | 75.6038 |
| 2009 | 6     | 25  | 5    | 3      | 43     | 0.3       | 2       | 1.04  | 88.7      | 96.8298 | 74.24   |
| 2009 | 6     | 25  | 5    | 13     | 43     | 0.3       | 2       | 1.04  | 90        | 96.8298 | 73.9369 |
| 2009 | 6     | 25  | 5    | 23     | 43     | 0.3       | 2       | 1.03  | 91.1      | 97.0056 | 73.571  |
| 2009 | 6     | 25  | 5    | 33     | 43     | 0.3       | 2       | 1     | 90        | 97.0056 | 72.3576 |
| 2009 | 6     | 25  | 5    | 43     | 43     | 0.3       | 2       | 1.05  | 88.9      | 97.0056 | 74.7844 |
| 2009 | 6     | 25  | 5    | 53     | 43     | 0.3       | 2       | 1.04  | 91.1      | 97.1816 | 74.2668 |
| 2009 | 6     | 25  | 6    | 3      | 43     | 0.3       | 2       | 1.01  | 90        | 97.1816 | 72.7488 |
| 2009 | 6     | 25  | 6    | 13     | 43     | 0.3       | 2       | 1.04  | 88.6      | 97.1816 | 74.4186 |
| 2009 | 6     | 25  | 6    | 23     | 43     | 0.3       | 2       | 0.94  | 91        | 97.3576 | 69.7978 |
| 2009 | 6     | 25  | 6    | 33     | 43     | 0.3       | 2       | 1.04  | 89.6      | 97.3576 | 74.5078 |
| 2009 | 6     | 25  | 6    | 43     | 43     | 0.3       | 2       | 1.03  | 89.5      | 97.3576 | 73.9001 |
| 2009 | 6     | 25  | 6    | 53     | 43     | 0.3       | 2       | 1     | 90        | 97.5337 | 72.6201 |
| 2009 | 6     | 25  | 7    | 3      | 43     | 0.3       | 2       | 1.04  | 90        | 97.5337 | 74.5969 |
| 2009 | 6     | 25  | 7    | 13     | 43     | 0.3       | 2       | 1.07  | 90.2      | 97.71   | 75.9035 |
| 2009 | 6     | 25  | 7    | 23     | 43     | 0.3       | 2       | 1.02  | 88.3      | 97.8863 | 73.5562 |
| 2009 | 6     | 25  | 7    | 33     | 43     | 0.3       | 2       | 1.02  | 92.4      | 97.8863 | 73.7086 |
| 2009 | 6     | 25  | 7    | 43     | 43     | 0.3       | 2       | 1.08  | 88.6      | 98.2392 | 76.4783 |
| 2009 | 6     | 25  | 7    | 53     | 43     | 0.3       | 2       | 1.03  | 90        | 98.4157 | 74.4301 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 25  | 8    | 3      | 43     | 0.3       | 2       | 0.98  | 90.8      | 98.4157 | 71.9866 |
| 2009 | 6     | 25  | 8    | 13     | 43     | 0.3       | 2       | 1.03  | 90.5      | 98.5924 | 74.671  |
| 2009 | 6     | 25  | 8    | 23     | 43     | 0.3       | 2       | 1     | 90.8      | 98.5924 | 73.1425 |
| 2009 | 6     | 25  | 8    | 33     | 43     | 0.3       | 2       | 1.04  | 88        | 98.7691 | 74.912  |
| 2009 | 6     | 25  | 8    | 43     | 43     | 0.3       | 2       | 1.09  | 92.1      | 98.7691 | 77.5126 |
| 2009 | 6     | 25  | 8    | 53     | 43     | 0.3       | 2       | 1.04  | 88.5      | 98.7691 | 74.912  |
| 2009 | 6     | 25  | 9    | 3      | 43     | 0.3       | 2       | 1.05  | 90.9      | 98.7691 | 75.5239 |
| 2009 | 6     | 25  | 9    | 13     | 43     | 0.3       | 2       | 1.02  | 89.6      | 98.7691 | 74.1471 |
| 2009 | 6     | 25  | 9    | 23     | 43     | 0.3       | 2       | 1.01  | 89.8      | 98.946  | 73.6221 |
| 2009 | 6     | 25  | 9    | 33     | 43     | 0.3       | 2       | 1.11  | 88.6      | 98.946  | 78.3683 |
| 2009 | 6     | 25  | 9    | 43     | 43     | 0.3       | 2       | 1.07  | 87.9      | 98.946  | 76.5311 |
| 2009 | 6     | 25  | 9    | 53     | 43     | 0.3       | 2       | 1.03  | 90.4      | 98.946  | 74.5408 |
| 2009 | 6     | 25  | 10   | 3      | 43     | 0.3       | 2       | 0.97  | 88.1      | 98.946  | 71.938  |
| 2009 | 6     | 25  | 10   | 13     | 43     | 0.3       | 2       | 1.04  | 90.4      | 98.946  | 75.3063 |
| 2009 | 6     | 25  | 10   | 23     | 43     | 0.3       | 2       | 1.02  | 90.2      | 99.1229 | 74.4751 |
| 2009 | 6     | 25  | 10   | 33     | 43     | 0.3       | 2       | 1.03  | 89.6      | 99.1229 | 74.6283 |
| 2009 | 6     | 25  | 10   | 43     | 43     | 0.3       | 2       | 1     | 89.4      | 99.1229 | 73.2493 |
| 2009 | 6     | 25  | 10   | 53     | 43     | 0.3       | 2       | 1.02  | 92        | 99.1229 | 74.1686 |
| 2009 | 6     | 25  | 11   | 3      | 43     | 0.3       | 2       | 0.99  | 92.3      | 99.1229 | 72.6363 |
| 2009 | 6     | 25  | 11   | 13     | 43     | 0.3       | 2       | 1.02  | 90.9      | 99.1229 | 74.1686 |
| 2009 | 6     | 25  | 11   | 23     | 43     | 0.3       | 2       | 1.06  | 89.5      | 99.1229 | 76.3139 |
| 2009 | 6     | 25  | 11   | 33     | 43     | 0.3       | 2       | 1.04  | 89.6      | 99.1229 | 75.3945 |
| 2009 | 6     | 25  | 11   | 43     | 43     | 0.3       | 2       | 1.01  | 88.9      | 99.1229 | 74.0154 |
| 2009 | 6     | 25  | 11   | 53     | 43     | 0.3       | 2       | 1.04  | 89.3      | 99.1229 | 75.3945 |
| 2009 | 6     | 25  | 12   | 3      | 43     | 0.3       | 2       | 0.97  | 90        | 99.1229 | 71.8702 |
| 2009 | 6     | 25  | 12   | 13     | 43     | 0.3       | 2       | 1.05  | 88.7      | 99.1229 | 75.701  |
| 2009 | 6     | 25  | 12   | 23     | 43     | 0.3       | 2       | 1     | 89.4      | 99.1229 | 73.2493 |
| 2009 | 6     | 25  | 12   | 33     | 43     | 0.3       | 2       | 1.06  | 90.7      | 99.1229 | 76.1607 |
| 2009 | 6     | 25  | 12   | 43     | 43     | 0.3       | 2       | 1.01  | 91.9      | 99.1229 | 73.709  |
| 2009 | 6     | 25  | 12   | 53     | 43     | 0.3       | 2       | 1.05  | 88.4      | 99.1229 | 75.5477 |
| 2009 | 6     | 25  | 13   | 3      | 43     | 0.3       | 2       | 1.04  | 91.4      | 99.1229 | 75.3945 |
| 2009 | 6     | 25  | 13   | 13     | 43     | 0.3       | 2       | 1.03  | 88.7      | 99.1229 | 74.7816 |
| 2009 | 6     | 25  | 13   | 23     | 43     | 0.3       | 2       | 1.06  | 85.8      | 98.946  | 76.0718 |
| 2009 | 6     | 25  | 13   | 33     | 43     | 0.3       | 2       | 1.05  | 89.8      | 98.946  | 75.6125 |
| 2009 | 6     | 25  | 13   | 43     | 43     | 0.3       | 2       | 1.01  | 88.7      | 98.946  | 73.9283 |
| 2009 | 6     | 25  | 13   | 53     | 43     | 0.3       | 2       | 1.04  | 84.2      | 98.7691 | 74.912  |
| 2009 | 6     | 25  | 14   | 3      | 43     | 0.3       | 2       | 1.04  | 87.5      | 98.946  | 75.0001 |
| 2009 | 6     | 25  | 14   | 13     | 43     | 0.3       | 2       | 1.06  | 88.6      | 98.946  | 76.2249 |
| 2009 | 6     | 25  | 14   | 23     | 43     | 0.3       | 2       | 1.06  | 90.7      | 99.1229 | 76.0074 |
| 2009 | 6     | 25  | 14   | 33     | 43     | 0.3       | 2       | 1.02  | 87.6      | 98.946  | 74.0815 |
| 2009 | 6     | 25  | 14   | 43     | 43     | 0.3       | 2       | 1     | 87.4      | 98.946  | 73.0097 |
| 2009 | 6     | 25  | 14   | 53     | 43     | 0.3       | 2       | 0.99  | 88.7      | 98.946  | 72.7035 |
| 2009 | 6     | 25  | 15   | 3      | 43     | 0.3       | 2       | 0.98  | 87.9      | 98.7691 | 72.4644 |
| 2009 | 6     | 25  | 15   | 13     | 43     | 0.3       | 2       | 0.99  | 86.8      | 98.7691 | 72.7703 |
| 2009 | 6     | 25  | 15   | 23     | 43     | 0.3       | 2       | 1.1   | 87.1      | 98.946  | 78.0621 |
| 2009 | 6     | 25  | 15   | 33     | 43     | 0.3       | 2       | 1.05  | 85.5      | 99.1229 | 75.701  |
| 2009 | 6     | 25  | 15   | 43     | 43     | 0.3       | 2       | 1.02  | 90        | 99.1229 | 74.4751 |
| 2009 | 6     | 25  | 15   | 53     | 43     | 0.3       | 2       | 1.06  | 87.7      | 98.946  | 76.2249 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 25  | 16   | 3      | 43     | 0.3       | 2       | 1     | 88.5      | 99.1229 | 73.5557 |
| 2009 | 6     | 25  | 16   | 13     | 43     | 0.3       | 2       | 1.06  | 85.6      | 98.946  | 75.9187 |
| 2009 | 6     | 25  | 16   | 23     | 43     | 0.3       | 2       | 1     | 88.9      | 98.946  | 73.3159 |
| 2009 | 6     | 25  | 16   | 33     | 43     | 0.3       | 2       | 1.05  | 90.5      | 98.946  | 75.6125 |
| 2009 | 6     | 25  | 16   | 43     | 43     | 0.3       | 2       | 0.99  | 85.4      | 98.946  | 72.7035 |
| 2009 | 6     | 25  | 16   | 53     | 43     | 0.3       | 2       | 1.01  | 89.1      | 98.946  | 73.9283 |
| 2009 | 6     | 25  | 17   | 3      | 43     | 0.3       | 2       | 0.98  | 87.1      | 98.946  | 72.3973 |
| 2009 | 6     | 25  | 17   | 13     | 43     | 0.3       | 2       | 1     | 85.1      | 98.946  | 73.0097 |
| 2009 | 6     | 25  | 17   | 23     | 43     | 0.3       | 2       | 0.97  | 89        | 99.1229 | 72.1766 |
| 2009 | 6     | 25  | 17   | 33     | 43     | 0.3       | 2       | 1.04  | 88.4      | 99.1229 | 75.088  |
| 2009 | 6     | 25  | 17   | 43     | 43     | 0.3       | 2       | 1.03  | 87.6      | 99.1229 | 74.9348 |
| 2009 | 6     | 25  | 17   | 53     | 43     | 0.3       | 2       | 1.08  | 86.3      | 99.1229 | 76.7736 |
| 2009 | 6     | 25  | 18   | 3      | 43     | 0.3       | 2       | 1.02  | 88.7      | 99.1229 | 74.1686 |
| 2009 | 6     | 25  | 18   | 13     | 43     | 0.3       | 2       | 1.01  | 86.8      | 99.1229 | 73.709  |
| 2009 | 6     | 25  | 18   | 23     | 43     | 0.3       | 2       | 0.99  | 87.9      | 99.1229 | 72.7896 |
| 2009 | 6     | 25  | 18   | 33     | 43     | 0.3       | 2       | 1.03  | 90.4      | 99.1229 | 74.6283 |
| 2009 | 6     | 25  | 18   | 43     | 43     | 0.3       | 2       | 1.03  | 85.6      | 99.2999 | 74.8692 |
| 2009 | 6     | 25  | 18   | 53     | 43     | 0.3       | 2       | 0.99  | 88.1      | 99.2999 | 72.8755 |
| 2009 | 6     | 25  | 19   | 3      | 43     | 0.3       | 2       | 1     | 89.2      | 99.2999 | 73.489  |
| 2009 | 6     | 25  | 19   | 13     | 43     | 0.3       | 2       | 1     | 90.8      | 99.2999 | 73.489  |
| 2009 | 6     | 25  | 19   | 23     | 43     | 0.3       | 2       | 1.01  | 87.4      | 99.2999 | 74.1024 |
| 2009 | 6     | 25  | 19   | 33     | 43     | 0.3       | 2       | 0.99  | 88.9      | 99.2999 | 73.0289 |
| 2009 | 6     | 25  | 19   | 43     | 43     | 0.3       | 2       | 1.02  | 89.3      | 99.2999 | 74.5625 |
| 2009 | 6     | 25  | 19   | 53     | 43     | 0.3       | 2       | 1.01  | 87.2      | 99.2999 | 73.949  |
| 2009 | 6     | 25  | 20   | 3      | 43     | 0.3       | 2       | 0.97  | 88.8      | 99.2999 | 71.9554 |
| 2009 | 6     | 25  | 20   | 13     | 43     | 0.3       | 2       | 1.05  | 87.8      | 99.2999 | 75.636  |
| 2009 | 6     | 25  | 20   | 23     | 43     | 0.3       | 2       | 0.97  | 88.8      | 99.2999 | 72.2621 |
| 2009 | 6     | 25  | 20   | 33     | 43     | 0.3       | 2       | 1.01  | 89.3      | 99.2999 | 74.1024 |
| 2009 | 6     | 25  | 20   | 43     | 43     | 0.3       | 2       | 1.01  | 90.9      | 99.2999 | 73.7957 |
| 2009 | 6     | 25  | 20   | 53     | 43     | 0.3       | 2       | 1.02  | 89.8      | 99.4771 | 74.6498 |
| 2009 | 6     | 25  | 21   | 3      | 43     | 0.3       | 2       | 1.03  | 89.3      | 99.4771 | 75.1102 |
| 2009 | 6     | 25  | 21   | 13     | 43     | 0.3       | 2       | 1.03  | 87.8      | 99.4771 | 74.8032 |
| 2009 | 6     | 25  | 21   | 23     | 43     | 0.3       | 2       | 1.04  | 88.6      | 99.4771 | 75.5707 |
| 2009 | 6     | 25  | 21   | 33     | 43     | 0.3       | 2       | 0.96  | 90        | 99.4771 | 71.58   |
| 2009 | 6     | 25  | 21   | 43     | 43     | 0.3       | 2       | 1.03  | 88.9      | 99.4771 | 74.8032 |
| 2009 | 6     | 25  | 21   | 53     | 43     | 0.3       | 2       | 0.95  | 89        | 99.4771 | 71.4266 |
| 2009 | 6     | 25  | 22   | 3      | 43     | 0.3       | 2       | 1.02  | 88.5      | 99.2999 | 74.2558 |
| 2009 | 6     | 25  | 22   | 13     | 43     | 0.3       | 2       | 0.99  | 90.4      | 99.2999 | 73.1822 |
| 2009 | 6     | 25  | 22   | 23     | 43     | 0.3       | 2       | 1.02  | 85.7      | 99.2999 | 74.1024 |
| 2009 | 6     | 25  | 22   | 33     | 43     | 0.3       | 2       | 0.99  | 85.8      | 99.2999 | 72.7222 |
| 2009 | 6     | 25  | 22   | 43     | 43     | 0.3       | 2       | 1.03  | 88.9      | 99.2999 | 75.0226 |
| 2009 | 6     | 25  | 22   | 53     | 43     | 0.3       | 2       | 1     | 86.2      | 99.2999 | 73.3356 |
| 2009 | 6     | 25  | 23   | 3      | 43     | 0.3       | 2       | 0.99  | 87.3      | 99.2999 | 73.0289 |
| 2009 | 6     | 25  | 23   | 13     | 43     | 0.3       | 2       | 1.02  | 89.4      | 99.2999 | 74.2558 |
| 2009 | 6     | 25  | 23   | 23     | 43     | 0.3       | 2       | 0.97  | 86.3      | 99.2999 | 71.9554 |
| 2009 | 6     | 25  | 23   | 33     | 43     | 0.3       | 2       | 1.08  | 90        | 99.2999 | 77.3229 |
| 2009 | 6     | 25  | 23   | 43     | 43     | 0.3       | 2       | 1.02  | 91.3      | 99.2999 | 74.4091 |
| 2009 | 6     | 25  | 23   | 53     | 43     | 0.3       | 2       | 0.97  | 88.6      | 99.2999 | 72.2621 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 26  | 0    | 3      | 43     | 0.3       | 2       | 1.01  | 87.6      | 99.2999 | 74.1024 |
| 2009 | 6     | 26  | 0    | 13     | 43     | 0.3       | 2       | 0.98  | 87.9      | 99.2999 | 72.2621 |
| 2009 | 6     | 26  | 0    | 23     | 43     | 0.3       | 2       | 1     | 89.2      | 99.2999 | 73.489  |
| 2009 | 6     | 26  | 0    | 33     | 43     | 0.3       | 2       | 1.03  | 87.3      | 99.2999 | 74.8692 |
| 2009 | 6     | 26  | 0    | 43     | 43     | 0.3       | 2       | 1.02  | 87.8      | 99.2999 | 74.2558 |
| 2009 | 6     | 26  | 0    | 53     | 43     | 0.3       | 2       | 0.98  | 88.3      | 99.2999 | 72.5688 |
| 2009 | 6     | 26  | 1    | 3      | 43     | 0.3       | 2       | 1.04  | 88        | 99.2999 | 75.1759 |
| 2009 | 6     | 26  | 1    | 13     | 43     | 0.3       | 2       | 1.03  | 88        | 99.2999 | 74.7158 |
| 2009 | 6     | 26  | 1    | 23     | 43     | 0.3       | 2       | 1     | 91.7      | 99.2999 | 73.3356 |
| 2009 | 6     | 26  | 1    | 33     | 43     | 0.3       | 2       | 1     | 87        | 99.2999 | 73.489  |
| 2009 | 6     | 26  | 1    | 43     | 43     | 0.3       | 2       | 0.99  | 88.9      | 99.2999 | 72.8755 |
| 2009 | 6     | 26  | 1    | 53     | 43     | 0.3       | 2       | 1.03  | 89.3      | 99.2999 | 75.0226 |
| 2009 | 6     | 26  | 2    | 3      | 43     | 0.3       | 2       | 0.99  | 86.6      | 99.2999 | 72.7222 |
| 2009 | 6     | 26  | 2    | 13     | 43     | 0.3       | 2       | 0.99  | 89.8      | 99.2999 | 72.8755 |
| 2009 | 6     | 26  | 2    | 23     | 43     | 0.3       | 2       | 1.04  | 86.9      | 99.2999 | 75.1759 |
| 2009 | 6     | 26  | 2    | 33     | 43     | 0.3       | 2       | 1     | 87.9      | 99.2999 | 73.6423 |
| 2009 | 6     | 26  | 2    | 43     | 43     | 0.3       | 2       | 0.96  | 87.5      | 99.2999 | 71.4953 |
| 2009 | 6     | 26  | 2    | 53     | 43     | 0.3       | 2       | 0.97  | 90.8      | 99.2999 | 72.1087 |
| 2009 | 6     | 26  | 3    | 3      | 43     | 0.3       | 2       | 0.97  | 89.8      | 99.2999 | 71.9554 |
| 2009 | 6     | 26  | 3    | 13     | 43     | 0.3       | 2       | 0.96  | 89.6      | 99.2999 | 71.802  |
| 2009 | 6     | 26  | 3    | 23     | 43     | 0.3       | 2       | 1     | 87.9      | 99.2999 | 73.489  |
| 2009 | 6     | 26  | 3    | 33     | 43     | 0.3       | 2       | 1.03  | 91.6      | 99.2999 | 75.0226 |
| 2009 | 6     | 26  | 3    | 43     | 43     | 0.3       | 2       | 0.94  | 87.6      | 99.2999 | 70.7285 |
| 2009 | 6     | 26  | 3    | 53     | 43     | 0.3       | 2       | 0.98  | 89        | 99.4771 | 72.6544 |
| 2009 | 6     | 26  | 4    | 3      | 43     | 0.3       | 2       | 1.07  | 86.8      | 99.2999 | 76.8629 |
| 2009 | 6     | 26  | 4    | 13     | 43     | 0.3       | 2       | 0.97  | 92.1      | 99.2999 | 71.9554 |
| 2009 | 6     | 26  | 4    | 23     | 43     | 0.3       | 2       | 0.94  | 91.8      | 99.2999 | 70.7285 |
| 2009 | 6     | 26  | 4    | 33     | 43     | 0.3       | 2       | 0.92  | 89.2      | 99.2999 | 69.8084 |
| 2009 | 6     | 26  | 4    | 43     | 43     | 0.3       | 2       | 0.98  | 90        | 99.2999 | 72.5688 |
| 2009 | 6     | 26  | 4    | 53     | 43     | 0.3       | 2       | 0.98  | 90.2      | 99.2999 | 72.7222 |
| 2009 | 6     | 26  | 5    | 3      | 43     | 0.3       | 2       | 1.02  | 88.9      | 99.2999 | 74.4091 |
| 2009 | 6     | 26  | 5    | 13     | 43     | 0.3       | 2       | 1.01  | 90.9      | 99.2999 | 73.7957 |
| 2009 | 6     | 26  | 5    | 23     | 43     | 0.3       | 2       | 0.95  | 89.4      | 99.2999 | 71.1886 |
| 2009 | 6     | 26  | 5    | 33     | 43     | 0.3       | 2       | 1     | 88.3      | 99.2999 | 73.6423 |
| 2009 | 6     | 26  | 5    | 43     | 43     | 0.3       | 2       | 1.04  | 87.1      | 99.2999 | 75.4826 |
| 2009 | 6     | 26  | 5    | 53     | 43     | 0.3       | 2       | 1.01  | 91.7      | 99.2999 | 74.1024 |
| 2009 | 6     | 26  | 6    | 3      | 43     | 0.3       | 2       | 0.99  | 89.2      | 99.2999 | 73.1822 |
| 2009 | 6     | 26  | 6    | 13     | 43     | 0.3       | 2       | 1.02  | 90        | 99.2999 | 74.5625 |
| 2009 | 6     | 26  | 6    | 23     | 43     | 0.3       | 2       | 1.03  | 86        | 99.2999 | 74.5625 |
| 2009 | 6     | 26  | 6    | 33     | 43     | 0.3       | 2       | 1     | 86.6      | 99.2999 | 73.3356 |
| 2009 | 6     | 26  | 6    | 43     | 43     | 0.3       | 2       | 1.02  | 89.6      | 99.1229 | 74.4751 |
| 2009 | 6     | 26  | 6    | 53     | 43     | 0.3       | 2       | 1.06  | 90.4      | 99.1229 | 76.0074 |
| 2009 | 6     | 26  | 7    | 3      | 43     | 0.3       | 2       | 1.05  | 89.5      | 99.1229 | 75.701  |
| 2009 | 6     | 26  | 7    | 13     | 43     | 0.3       | 2       | 1.02  | 88.9      | 99.1229 | 74.3219 |
| 2009 | 6     | 26  | 7    | 23     | 43     | 0.3       | 2       | 1.05  | 89.3      | 99.1229 | 75.5477 |
| 2009 | 6     | 26  | 7    | 33     | 43     | 0.3       | 2       | 1.04  | 89.5      | 99.1229 | 75.088  |
| 2009 | 6     | 26  | 7    | 43     | 43     | 0.3       | 2       | 0.97  | 88.6      | 99.1229 | 72.1766 |
| 2009 | 6     | 26  | 7    | 53     | 43     | 0.3       | 2       | 0.96  | 89        | 99.1229 | 71.7169 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 26  | 8    | 3      | 43     | 0.3       | 2       | 0.99  | 87.9      | 99.1229 | 72.7896 |
| 2009 | 6     | 26  | 8    | 13     | 43     | 0.3       | 2       | 1     | 88.7      | 99.1229 | 73.2493 |
| 2009 | 6     | 26  | 8    | 23     | 43     | 0.3       | 2       | 1.03  | 88.4      | 99.1229 | 74.7816 |
| 2009 | 6     | 26  | 8    | 33     | 43     | 0.3       | 2       | 1     | 87.6      | 99.1229 | 73.5557 |
| 2009 | 6     | 26  | 8    | 43     | 43     | 0.3       | 2       | 1.01  | 90.6      | 99.1229 | 73.8622 |
| 2009 | 6     | 26  | 8    | 53     | 43     | 0.3       | 2       | 1.01  | 88.9      | 99.1229 | 73.8622 |
| 2009 | 6     | 26  | 9    | 3      | 43     | 0.3       | 2       | 0.99  | 90        | 99.1229 | 72.7896 |
| 2009 | 6     | 26  | 9    | 13     | 43     | 0.3       | 2       | 1.05  | 88.7      | 99.1229 | 75.5477 |
| 2009 | 6     | 26  | 9    | 23     | 43     | 0.3       | 2       | 1.01  | 87.8      | 99.1229 | 73.8622 |
| 2009 | 6     | 26  | 9    | 33     | 43     | 0.3       | 2       | 1.05  | 88.6      | 98.946  | 75.7656 |
| 2009 | 6     | 26  | 9    | 43     | 43     | 0.3       | 2       | 1.06  | 89.8      | 98.946  | 75.9187 |
| 2009 | 6     | 26  | 9    | 53     | 43     | 0.3       | 2       | 1.11  | 90.7      | 98.946  | 78.2152 |
| 2009 | 6     | 26  | 10   | 3      | 43     | 0.3       | 2       | 1     | 90.4      | 98.946  | 73.3159 |
| 2009 | 6     | 26  | 10   | 13     | 43     | 0.3       | 2       | 0.97  | 87.1      | 98.946  | 71.938  |
| 2009 | 6     | 26  | 10   | 23     | 43     | 0.3       | 2       | 1.05  | 91.3      | 98.7691 | 75.5239 |
| 2009 | 6     | 26  | 10   | 33     | 43     | 0.3       | 2       | 1.05  | 90        | 98.7691 | 75.6769 |
| 2009 | 6     | 26  | 10   | 43     | 43     | 0.3       | 2       | 0.99  | 88.3      | 98.5924 | 72.684  |
| 2009 | 6     | 26  | 10   | 53     | 43     | 0.3       | 2       | 1.08  | 91.7      | 98.4157 | 76.8736 |
| 2009 | 6     | 26  | 11   | 3      | 43     | 0.3       | 2       | 0.97  | 88.1      | 98.2392 | 71.4428 |
| 2009 | 6     | 26  | 11   | 13     | 43     | 0.3       | 2       | 0.96  | 88.4      | 98.2392 | 70.8325 |
| 2009 | 6     | 26  | 11   | 23     | 43     | 0.3       | 2       | 1.04  | 91.8      | 98.0627 | 74.7112 |
| 2009 | 6     | 26  | 11   | 33     | 43     | 0.3       | 2       | 1.04  | 90        | 98.0627 | 74.5588 |
| 2009 | 6     | 26  | 11   | 43     | 43     | 0.3       | 2       | 0.97  | 89        | 98.0627 | 71.3571 |
| 2009 | 6     | 26  | 11   | 53     | 43     | 0.3       | 2       | 1.03  | 88.4      | 98.0627 | 74.2538 |
| 2009 | 6     | 26  | 12   | 3      | 43     | 0.3       | 2       | 1.02  | 90        | 97.8863 | 73.5562 |
| 2009 | 6     | 26  | 12   | 13     | 43     | 0.3       | 2       | 1.03  | 89.6      | 97.8863 | 74.3179 |
| 2009 | 6     | 26  | 12   | 23     | 43     | 0.3       | 2       | 1     | 90.8      | 97.8863 | 72.7946 |
| 2009 | 6     | 26  | 12   | 33     | 43     | 0.3       | 2       | 0.97  | 89.2      | 97.8863 | 71.4236 |
| 2009 | 6     | 26  | 12   | 43     | 43     | 0.3       | 2       | 1.02  | 90.9      | 97.8863 | 73.8609 |
| 2009 | 6     | 26  | 12   | 53     | 43     | 0.3       | 2       | 1.01  | 90        | 97.8863 | 73.0992 |
| 2009 | 6     | 26  | 13   | 3      | 43     | 0.3       | 2       | 1     | 88.3      | 97.8863 | 72.7946 |
| 2009 | 6     | 26  | 13   | 13     | 43     | 0.3       | 2       | 1.02  | 89.1      | 97.8863 | 73.7086 |
| 2009 | 6     | 26  | 13   | 23     | 43     | 0.3       | 2       | 1.02  | 89.6      | 97.8863 | 73.8609 |
| 2009 | 6     | 26  | 13   | 33     | 43     | 0.3       | 2       | 1.03  | 88.9      | 97.71   | 74.2294 |
| 2009 | 6     | 26  | 13   | 43     | 43     | 0.3       | 2       | 1.1   | 90        | 97.71   | 77.2733 |
| 2009 | 6     | 26  | 13   | 53     | 43     | 0.3       | 2       | 0.98  | 87.5      | 97.71   | 71.7942 |
| 2009 | 6     | 26  | 14   | 3      | 43     | 0.3       | 2       | 0.98  | 90.4      | 97.71   | 71.642  |
| 2009 | 6     | 26  | 14   | 13     | 43     | 0.3       | 2       | 1.06  | 88.8      | 97.71   | 75.2947 |
| 2009 | 6     | 26  | 14   | 23     | 43     | 0.3       | 2       | 0.96  | 90        | 97.71   | 70.881  |
| 2009 | 6     | 26  | 14   | 33     | 43     | 0.3       | 2       | 0.99  | 88.7      | 97.71   | 72.2508 |
| 2009 | 6     | 26  | 14   | 43     | 43     | 0.3       | 2       | 0.99  | 90.2      | 97.71   | 72.2508 |
| 2009 | 6     | 26  | 14   | 53     | 43     | 0.3       | 2       | 1.08  | 89.5      | 97.71   | 76.2079 |
| 2009 | 6     | 26  | 15   | 3      | 43     | 0.3       | 2       | 1.05  | 87.3      | 97.71   | 74.8382 |
| 2009 | 6     | 26  | 15   | 13     | 43     | 0.3       | 2       | 1.05  | 87.7      | 97.71   | 74.9903 |
| 2009 | 6     | 26  | 15   | 23     | 43     | 0.3       | 2       | 1.05  | 88.2      | 97.5337 | 74.749  |
| 2009 | 6     | 26  | 15   | 33     | 43     | 0.3       | 2       | 0.97  | 87.5      | 97.5337 | 71.2514 |
| 2009 | 6     | 26  | 15   | 43     | 43     | 0.3       | 2       | 1.01  | 88.3      | 97.5337 | 73.2283 |
| 2009 | 6     | 26  | 15   | 53     | 43     | 0.3       | 2       | 1.06  | 88.9      | 97.5337 | 75.2052 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 26  | 16   | 3      | 43     | 0.3       | 2       | 0.99  | 87.9      | 97.5337 | 72.1639 |
| 2009 | 6     | 26  | 16   | 13     | 43     | 0.3       | 2       | 0.98  | 89.2      | 97.3576 | 71.773  |
| 2009 | 6     | 26  | 16   | 23     | 43     | 0.3       | 2       | 1.01  | 90.2      | 97.5337 | 73.0763 |
| 2009 | 6     | 26  | 16   | 33     | 43     | 0.3       | 2       | 1.03  | 90        | 97.3576 | 73.7482 |
| 2009 | 6     | 26  | 16   | 43     | 43     | 0.3       | 2       | 1.04  | 88        | 97.3576 | 74.5078 |
| 2009 | 6     | 26  | 16   | 53     | 43     | 0.3       | 2       | 1.07  | 88.6      | 97.3576 | 75.7233 |
| 2009 | 6     | 26  | 17   | 3      | 43     | 0.3       | 2       | 1     | 88.5      | 97.3576 | 72.5327 |
| 2009 | 6     | 26  | 17   | 13     | 43     | 0.3       | 2       | 1.01  | 89.6      | 97.3576 | 72.8365 |
| 2009 | 6     | 26  | 17   | 23     | 43     | 0.3       | 2       | 1.02  | 88.3      | 97.3576 | 73.4443 |
| 2009 | 6     | 26  | 17   | 33     | 43     | 0.3       | 2       | 1.01  | 89.3      | 97.3576 | 72.9885 |
| 2009 | 6     | 26  | 17   | 43     | 43     | 0.3       | 2       | 1.04  | 90.5      | 97.3576 | 74.5078 |
| 2009 | 6     | 26  | 17   | 53     | 43     | 0.3       | 2       | 1.02  | 89.8      | 97.3576 | 73.4443 |
| 2009 | 6     | 26  | 18   | 3      | 43     | 0.3       | 2       | 0.97  | 91.9      | 97.3576 | 71.3172 |
| 2009 | 6     | 26  | 18   | 13     | 43     | 0.3       | 2       | 1.05  | 88        | 97.3576 | 74.8117 |
| 2009 | 6     | 26  | 18   | 23     | 43     | 0.3       | 2       | 0.99  | 89.2      | 97.3576 | 72.0769 |
| 2009 | 6     | 26  | 18   | 33     | 43     | 0.3       | 2       | 0.94  | 87.4      | 97.3576 | 69.6459 |
| 2009 | 6     | 26  | 18   | 43     | 43     | 0.3       | 2       | 1.05  | 89.3      | 97.3576 | 74.9637 |
| 2009 | 6     | 26  | 18   | 53     | 43     | 0.3       | 2       | 0.99  | 92.1      | 97.3576 | 71.9249 |
| 2009 | 6     | 26  | 19   | 3      | 43     | 0.3       | 2       | 1.01  | 90        | 97.3576 | 73.1404 |
| 2009 | 6     | 26  | 19   | 13     | 43     | 0.3       | 2       | 1.01  | 89.8      | 97.1816 | 73.0524 |
| 2009 | 6     | 26  | 19   | 23     | 43     | 0.3       | 2       | 0.99  | 90        | 97.3576 | 72.2288 |
| 2009 | 6     | 26  | 19   | 33     | 43     | 0.3       | 2       | 1.05  | 88.4      | 97.3576 | 74.6598 |
| 2009 | 6     | 26  | 19   | 43     | 43     | 0.3       | 2       | 1.01  | 88.9      | 97.3576 | 73.1404 |
| 2009 | 6     | 26  | 19   | 53     | 43     | 0.3       | 2       | 1.09  | 88.1      | 97.3576 | 76.6349 |
| 2009 | 6     | 26  | 20   | 3      | 43     | 0.3       | 2       | 1     | 90.2      | 97.3576 | 72.3807 |
| 2009 | 6     | 26  | 20   | 13     | 43     | 0.3       | 2       | 0.99  | 91.5      | 97.3576 | 71.9249 |
| 2009 | 6     | 26  | 20   | 23     | 43     | 0.3       | 2       | 1.01  | 88.5      | 97.3576 | 72.8365 |
| 2009 | 6     | 26  | 20   | 33     | 43     | 0.3       | 2       | 1.06  | 90.5      | 97.3576 | 75.1156 |
| 2009 | 6     | 26  | 20   | 43     | 43     | 0.3       | 2       | 1.04  | 89.8      | 97.3576 | 74.3559 |
| 2009 | 6     | 26  | 20   | 53     | 43     | 0.3       | 2       | 1.07  | 89.8      | 97.3576 | 75.5714 |
| 2009 | 6     | 26  | 21   | 3      | 43     | 0.3       | 2       | 0.96  | 89        | 97.3576 | 70.5575 |
| 2009 | 6     | 26  | 21   | 13     | 43     | 0.3       | 2       | 0.95  | 88        | 97.3576 | 70.2536 |
| 2009 | 6     | 26  | 21   | 23     | 43     | 0.3       | 2       | 0.99  | 87.9      | 97.3576 | 72.0769 |
| 2009 | 6     | 26  | 21   | 33     | 43     | 0.3       | 2       | 1     | 90.9      | 97.3576 | 72.5327 |
| 2009 | 6     | 26  | 21   | 43     | 43     | 0.3       | 2       | 0.98  | 89        | 97.3576 | 71.4691 |
| 2009 | 6     | 26  | 21   | 53     | 43     | 0.3       | 2       | 0.99  | 87.9      | 97.3576 | 71.9249 |
| 2009 | 6     | 26  | 22   | 3      | 43     | 0.3       | 2       | 1.03  | 90.4      | 97.3576 | 73.7482 |
| 2009 | 6     | 26  | 22   | 13     | 43     | 0.3       | 2       | 1.08  | 92.6      | 97.3576 | 76.0272 |
| 2009 | 6     | 26  | 22   | 23     | 43     | 0.3       | 2       | 1.01  | 89.3      | 97.3576 | 73.1404 |
| 2009 | 6     | 26  | 22   | 33     | 43     | 0.3       | 2       | 1.05  | 88.8      | 97.3576 | 74.9637 |
| 2009 | 6     | 26  | 22   | 43     | 43     | 0.3       | 2       | 1.02  | 90.2      | 97.3576 | 73.5962 |
| 2009 | 6     | 26  | 22   | 53     | 43     | 0.3       | 2       | 1.02  | 87.1      | 97.3576 | 73.5962 |
| 2009 | 6     | 26  | 23   | 3      | 43     | 0.3       | 2       | 1.03  | 90        | 97.3576 | 73.9001 |
| 2009 | 6     | 26  | 23   | 13     | 43     | 0.3       | 2       | 1.01  | 89.6      | 97.3576 | 73.1404 |
| 2009 | 6     | 26  | 23   | 23     | 43     | 0.3       | 2       | 1.01  | 90        | 97.3576 | 73.1404 |
| 2009 | 6     | 26  | 23   | 33     | 43     | 0.3       | 2       | 1.03  | 91.8      | 97.3576 | 73.7482 |
| 2009 | 6     | 26  | 23   | 43     | 43     | 0.3       | 2       | 1.03  | 89.1      | 97.3576 | 73.9001 |
| 2009 | 6     | 26  | 23   | 53     | 43     | 0.3       | 2       | 0.96  | 92.2      | 97.3576 | 70.5575 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 27  | 0    | 3      | 43     | 0.3       | 2       | 1     | 90.6      | 97.3576 | 72.5327 |
| 2009 | 6     | 27  | 0    | 13     | 43     | 0.3       | 2       | 0.96  | 89.6      | 97.3576 | 70.8614 |
| 2009 | 6     | 27  | 0    | 23     | 43     | 0.3       | 2       | 0.96  | 89.2      | 97.3576 | 70.5575 |
| 2009 | 6     | 27  | 0    | 33     | 43     | 0.3       | 2       | 0.97  | 87.5      | 97.3576 | 71.1652 |
| 2009 | 6     | 27  | 0    | 43     | 43     | 0.3       | 2       | 0.94  | 90.8      | 97.3576 | 69.4939 |
| 2009 | 6     | 27  | 0    | 53     | 43     | 0.3       | 2       | 1     | 87.4      | 97.3576 | 72.2288 |
| 2009 | 6     | 27  | 1    | 3      | 43     | 0.3       | 2       | 0.95  | 91        | 97.3576 | 70.2536 |
| 2009 | 6     | 27  | 1    | 13     | 43     | 0.3       | 2       | 1.01  | 88.3      | 97.5337 | 73.0763 |
| 2009 | 6     | 27  | 1    | 23     | 43     | 0.3       | 2       | 0.95  | 86.6      | 97.3576 | 69.9498 |
| 2009 | 6     | 27  | 1    | 33     | 43     | 0.3       | 2       | 1.01  | 93.2      | 97.5337 | 72.9242 |
| 2009 | 6     | 27  | 1    | 43     | 43     | 0.3       | 2       | 1.04  | 91.5      | 97.5337 | 74.2928 |
| 2009 | 6     | 27  | 1    | 53     | 43     | 0.3       | 2       | 0.94  | 87        | 97.5337 | 69.7308 |
| 2009 | 6     | 27  | 2    | 3      | 43     | 0.3       | 2       | 1.03  | 88.9      | 97.5337 | 73.8366 |
| 2009 | 6     | 27  | 2    | 13     | 43     | 0.3       | 2       | 1     | 90.2      | 97.5337 | 72.6201 |
| 2009 | 6     | 27  | 2    | 23     | 43     | 0.3       | 2       | 1.02  | 89.4      | 97.5337 | 73.3804 |
| 2009 | 6     | 27  | 2    | 33     | 43     | 0.3       | 2       | 1.05  | 90        | 97.5337 | 74.9011 |
| 2009 | 6     | 27  | 2    | 43     | 43     | 0.3       | 2       | 1.03  | 89.1      | 97.5337 | 73.9887 |
| 2009 | 6     | 27  | 2    | 53     | 43     | 0.3       | 2       | 1.05  | 86.8      | 97.5337 | 74.749  |
| 2009 | 6     | 27  | 3    | 3      | 43     | 0.3       | 2       | 0.94  | 89.8      | 97.5337 | 69.8828 |
| 2009 | 6     | 27  | 3    | 13     | 43     | 0.3       | 2       | 1.03  | 90.5      | 97.5337 | 73.8366 |
| 2009 | 6     | 27  | 3    | 23     | 43     | 0.3       | 2       | 1.06  | 89.3      | 97.5337 | 75.5094 |
| 2009 | 6     | 27  | 3    | 33     | 43     | 0.3       | 2       | 0.94  | 90        | 97.5337 | 69.5787 |
| 2009 | 6     | 27  | 3    | 43     | 43     | 0.3       | 2       | 1.05  | 92.7      | 97.5337 | 74.9011 |
| 2009 | 6     | 27  | 3    | 53     | 43     | 0.3       | 2       | 1.02  | 91.3      | 97.71   | 73.6206 |
| 2009 | 6     | 27  | 4    | 3      | 43     | 0.3       | 2       | 1     | 87.6      | 97.71   | 72.8596 |
| 2009 | 6     | 27  | 4    | 13     | 43     | 0.3       | 2       | 0.96  | 91.4      | 97.71   | 71.0332 |
| 2009 | 6     | 27  | 4    | 23     | 43     | 0.3       | 2       | 1.04  | 88.9      | 97.71   | 74.686  |
| 2009 | 6     | 27  | 4    | 33     | 43     | 0.3       | 2       | 1.03  | 89.3      | 97.71   | 74.2294 |
| 2009 | 6     | 27  | 4    | 43     | 43     | 0.3       | 2       | 0.94  | 91.2      | 97.71   | 69.9678 |
| 2009 | 6     | 27  | 4    | 53     | 43     | 0.3       | 2       | 1.01  | 90.9      | 97.8863 | 73.2516 |
| 2009 | 6     | 27  | 5    | 3      | 43     | 0.3       | 2       | 1.03  | 90.2      | 97.8863 | 74.3179 |
| 2009 | 6     | 27  | 5    | 13     | 43     | 0.3       | 2       | 0.99  | 90.9      | 97.8863 | 72.3376 |
| 2009 | 6     | 27  | 5    | 23     | 43     | 0.3       | 2       | 1.08  | 91.2      | 97.8863 | 76.2981 |
| 2009 | 6     | 27  | 5    | 33     | 43     | 0.3       | 2       | 1     | 90.6      | 97.8863 | 72.7946 |
| 2009 | 6     | 27  | 5    | 43     | 43     | 0.3       | 2       | 1.05  | 88.6      | 97.8863 | 74.9272 |
| 2009 | 6     | 27  | 5    | 53     | 43     | 0.3       | 2       | 1     | 88.9      | 98.2392 | 73.1213 |
| 2009 | 6     | 27  | 6    | 3      | 43     | 0.3       | 2       | 1.03  | 92.9      | 98.2392 | 74.4946 |
| 2009 | 6     | 27  | 6    | 13     | 43     | 0.3       | 2       | 1.01  | 87.8      | 98.2392 | 73.5791 |
| 2009 | 6     | 27  | 6    | 23     | 43     | 0.3       | 2       | 0.97  | 91        | 98.4157 | 71.8339 |
| 2009 | 6     | 27  | 6    | 33     | 43     | 0.3       | 2       | 1     | 90        | 98.4157 | 72.9029 |
| 2009 | 6     | 27  | 6    | 43     | 43     | 0.3       | 2       | 1.03  | 90        | 98.4157 | 74.5828 |
| 2009 | 6     | 27  | 6    | 53     | 43     | 0.3       | 2       | 0.99  | 89.2      | 98.4157 | 72.7502 |
| 2009 | 6     | 27  | 7    | 3      | 43     | 0.3       | 2       | 0.99  | 89.6      | 98.4157 | 72.5975 |
| 2009 | 6     | 27  | 7    | 13     | 43     | 0.3       | 2       | 1.02  | 87.2      | 98.4157 | 73.972  |
| 2009 | 6     | 27  | 7    | 23     | 43     | 0.3       | 2       | 1.02  | 89.8      | 98.4157 | 73.972  |
| 2009 | 6     | 27  | 7    | 33     | 43     | 0.3       | 2       | 0.99  | 90.9      | 98.4157 | 72.5975 |
| 2009 | 6     | 27  | 7    | 43     | 43     | 0.3       | 2       | 0.96  | 89        | 98.4157 | 71.3758 |
| 2009 | 6     | 27  | 7    | 53     | 43     | 0.3       | 2       | 1.01  | 90.6      | 98.2392 | 73.4265 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 27  | 8    | 3      | 43     | 0.3       | 2       | 1.04  | 92        | 98.4157 | 75.041  |
| 2009 | 6     | 27  | 8    | 13     | 43     | 0.3       | 2       | 0.91  | 89        | 98.2392 | 68.8488 |
| 2009 | 6     | 27  | 8    | 23     | 43     | 0.3       | 2       | 1.01  | 88        | 98.2392 | 73.4265 |
| 2009 | 6     | 27  | 8    | 33     | 43     | 0.3       | 2       | 0.95  | 90        | 98.2392 | 70.6799 |
| 2009 | 6     | 27  | 8    | 43     | 43     | 0.3       | 2       | 0.96  | 90.8      | 98.2392 | 71.2903 |
| 2009 | 6     | 27  | 8    | 53     | 43     | 0.3       | 2       | 1.01  | 91.5      | 98.2392 | 73.2739 |
| 2009 | 6     | 27  | 9    | 3      | 43     | 0.3       | 2       | 1     | 90.4      | 98.0627 | 73.0342 |
| 2009 | 6     | 27  | 9    | 13     | 43     | 0.3       | 2       | 0.96  | 86.5      | 98.0627 | 70.7473 |
| 2009 | 6     | 27  | 9    | 23     | 43     | 0.3       | 2       | 1.01  | 90        | 98.0627 | 73.4915 |
| 2009 | 6     | 27  | 9    | 33     | 43     | 0.3       | 2       | 1.01  | 89.1      | 98.0627 | 73.4915 |
| 2009 | 6     | 27  | 9    | 43     | 43     | 0.3       | 2       | 1     | 90        | 98.0627 | 72.7292 |
| 2009 | 6     | 27  | 9    | 53     | 43     | 0.3       | 2       | 0.98  | 93.3      | 98.0627 | 71.8145 |
| 2009 | 6     | 27  | 10   | 3      | 43     | 0.3       | 2       | 1.02  | 90        | 97.8863 | 73.5562 |
| 2009 | 6     | 27  | 10   | 13     | 43     | 0.3       | 2       | 1.05  | 90.5      | 97.8863 | 74.9272 |
| 2009 | 6     | 27  | 10   | 23     | 43     | 0.3       | 2       | 0.99  | 90        | 98.0627 | 72.5768 |
| 2009 | 6     | 27  | 10   | 33     | 43     | 0.3       | 2       | 1.05  | 89.3      | 97.71   | 74.9903 |
| 2009 | 6     | 27  | 10   | 43     | 43     | 0.3       | 2       | 0.96  | 90        | 97.71   | 71.0332 |
| 2009 | 6     | 27  | 10   | 53     | 43     | 0.3       | 2       | 1.01  | 90.2      | 97.71   | 73.0118 |
| 2009 | 6     | 27  | 11   | 3      | 43     | 0.3       | 2       | 1     | 89.1      | 97.71   | 72.7074 |
| 2009 | 6     | 27  | 11   | 13     | 43     | 0.3       | 2       | 1.01  | 90        | 97.71   | 73.164  |
| 2009 | 6     | 27  | 11   | 23     | 43     | 0.3       | 2       | 0.97  | 89.8      | 97.71   | 71.3376 |
| 2009 | 6     | 27  | 11   | 33     | 43     | 0.3       | 2       | 1.08  | 90.3      | 97.71   | 76.5123 |
| 2009 | 6     | 27  | 11   | 43     | 43     | 0.3       | 2       | 1.01  | 88.3      | 97.71   | 73.164  |
| 2009 | 6     | 27  | 11   | 53     | 43     | 0.3       | 2       | 0.98  | 87.1      | 97.71   | 71.4898 |
| 2009 | 6     | 27  | 12   | 3      | 43     | 0.3       | 2       | 0.97  | 89.6      | 97.71   | 71.1854 |
| 2009 | 6     | 27  | 12   | 13     | 43     | 0.3       | 2       | 1     | 90.7      | 97.71   | 72.8596 |
| 2009 | 6     | 27  | 12   | 23     | 43     | 0.3       | 2       | 0.94  | 88.6      | 97.71   | 69.9678 |
| 2009 | 6     | 27  | 12   | 33     | 43     | 0.3       | 2       | 0.95  | 90        | 97.71   | 70.4244 |
| 2009 | 6     | 27  | 12   | 43     | 43     | 0.3       | 2       | 0.94  | 91.8      | 97.71   | 69.8156 |
| 2009 | 6     | 27  | 12   | 53     | 43     | 0.3       | 2       | 1.01  | 88.9      | 97.71   | 73.0118 |
| 2009 | 6     | 27  | 13   | 3      | 43     | 0.3       | 2       | 1.04  | 92        | 97.71   | 74.3816 |
| 2009 | 6     | 27  | 13   | 13     | 43     | 0.3       | 2       | 1.01  | 88.5      | 97.8863 | 73.0992 |
| 2009 | 6     | 27  | 13   | 23     | 43     | 0.3       | 2       | 1.02  | 88.3      | 97.71   | 73.6206 |
| 2009 | 6     | 27  | 13   | 33     | 43     | 0.3       | 2       | 1.01  | 91.7      | 97.71   | 73.0118 |
| 2009 | 6     | 27  | 13   | 43     | 43     | 0.3       | 2       | 0.99  | 90        | 97.8863 | 72.4899 |
| 2009 | 6     | 27  | 13   | 53     | 43     | 0.3       | 2       | 0.99  | 90.2      | 97.8863 | 72.4899 |
| 2009 | 6     | 27  | 14   | 3      | 43     | 0.3       | 2       | 1     | 87.2      | 97.8863 | 72.6423 |
| 2009 | 6     | 27  | 14   | 13     | 43     | 0.3       | 2       | 1.01  | 89.8      | 97.71   | 73.164  |
| 2009 | 6     | 27  | 14   | 23     | 43     | 0.3       | 2       | 1.01  | 87.2      | 97.71   | 72.8596 |
| 2009 | 6     | 27  | 14   | 33     | 43     | 0.3       | 2       | 1.06  | 86.1      | 97.71   | 75.2947 |
| 2009 | 6     | 27  | 14   | 43     | 43     | 0.3       | 2       | 0.99  | 89.2      | 97.71   | 72.2508 |
| 2009 | 6     | 27  | 14   | 53     | 43     | 0.3       | 2       | 1     | 89.2      | 97.71   | 72.5552 |
| 2009 | 6     | 27  | 15   | 3      | 43     | 0.3       | 2       | 0.96  | 90        | 97.71   | 71.0332 |
| 2009 | 6     | 27  | 15   | 13     | 43     | 0.3       | 2       | 1.05  | 90        | 97.5337 | 75.0531 |
| 2009 | 6     | 27  | 15   | 23     | 43     | 0.3       | 2       | 1.11  | 90.7      | 97.71   | 77.7299 |
| 2009 | 6     | 27  | 15   | 33     | 43     | 0.3       | 2       | 0.99  | 88.7      | 97.71   | 72.403  |
| 2009 | 6     | 27  | 15   | 43     | 43     | 0.3       | 2       | 1.05  | 89.3      | 97.71   | 74.9903 |
| 2009 | 6     | 27  | 15   | 53     | 43     | 0.3       | 2       | 0.98  | 88.3      | 97.71   | 71.9464 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 27  | 16   | 3      | 43     | 0.3       | 2       | 0.96  | 89        | 97.71   | 70.881  |
| 2009 | 6     | 27  | 16   | 13     | 43     | 0.3       | 2       | 0.98  | 87.7      | 97.71   | 71.642  |
| 2009 | 6     | 27  | 16   | 23     | 43     | 0.3       | 2       | 1     | 91.9      | 97.71   | 72.5552 |
| 2009 | 6     | 27  | 16   | 33     | 43     | 0.3       | 2       | 1.01  | 90        | 97.71   | 73.3162 |
| 2009 | 6     | 27  | 16   | 43     | 43     | 0.3       | 2       | 1     | 89.6      | 97.71   | 72.8596 |
| 2009 | 6     | 27  | 16   | 53     | 43     | 0.3       | 2       | 0.98  | 88.1      | 97.71   | 71.7942 |
| 2009 | 6     | 27  | 17   | 3      | 43     | 0.3       | 2       | 1.02  | 88.5      | 97.71   | 73.7728 |
| 2009 | 6     | 27  | 17   | 13     | 43     | 0.3       | 2       | 1.03  | 90.7      | 97.71   | 73.925  |
| 2009 | 6     | 27  | 17   | 23     | 43     | 0.3       | 2       | 0.99  | 89.6      | 97.71   | 72.0986 |
| 2009 | 6     | 27  | 17   | 33     | 43     | 0.3       | 2       | 0.99  | 88.9      | 97.71   | 72.2508 |
| 2009 | 6     | 27  | 17   | 43     | 43     | 0.3       | 2       | 1.03  | 86.3      | 97.71   | 73.7728 |
| 2009 | 6     | 27  | 17   | 53     | 43     | 0.3       | 2       | 1.04  | 89.1      | 97.71   | 74.3816 |
| 2009 | 6     | 27  | 18   | 3      | 43     | 0.3       | 2       | 0.99  | 88.1      | 97.71   | 72.2508 |
| 2009 | 6     | 27  | 18   | 13     | 43     | 0.3       | 2       | 0.98  | 87.5      | 97.71   | 71.7942 |
| 2009 | 6     | 27  | 18   | 23     | 43     | 0.3       | 2       | 1.01  | 90.7      | 97.71   | 73.3162 |
| 2009 | 6     | 27  | 18   | 33     | 43     | 0.3       | 2       | 1     | 88.3      | 97.71   | 72.7074 |
| 2009 | 6     | 27  | 18   | 43     | 43     | 0.3       | 2       | 0.98  | 88.9      | 97.71   | 71.9464 |
| 2009 | 6     | 27  | 18   | 53     | 43     | 0.3       | 2       | 1.03  | 90.2      | 97.71   | 74.2294 |
| 2009 | 6     | 27  | 19   | 3      | 43     | 0.3       | 2       | 1.02  | 87.4      | 97.71   | 73.6206 |
| 2009 | 6     | 27  | 19   | 13     | 43     | 0.3       | 2       | 0.99  | 90.2      | 97.71   | 72.403  |
| 2009 | 6     | 27  | 19   | 23     | 43     | 0.3       | 2       | 1     | 90.2      | 97.71   | 72.7074 |
| 2009 | 6     | 27  | 19   | 33     | 43     | 0.3       | 2       | 0.97  | 88.5      | 97.71   | 71.3376 |
| 2009 | 6     | 27  | 19   | 43     | 43     | 0.3       | 2       | 1.05  | 86.6      | 97.71   | 74.8382 |
| 2009 | 6     | 27  | 19   | 53     | 43     | 0.3       | 2       | 0.98  | 88.3      | 97.71   | 71.642  |
| 2009 | 6     | 27  | 20   | 3      | 43     | 0.3       | 2       | 1.07  | 89.3      | 97.71   | 75.7513 |
| 2009 | 6     | 27  | 20   | 13     | 43     | 0.3       | 2       | 1.05  | 91.1      | 97.71   | 74.8382 |
| 2009 | 6     | 27  | 20   | 23     | 43     | 0.3       | 2       | 1.05  | 93.2      | 97.71   | 74.9903 |
| 2009 | 6     | 27  | 20   | 33     | 43     | 0.3       | 2       | 1.02  | 89.4      | 97.71   | 73.6206 |
| 2009 | 6     | 27  | 20   | 43     | 43     | 0.3       | 2       | 1.06  | 90.2      | 97.71   | 75.2947 |
| 2009 | 6     | 27  | 20   | 53     | 43     | 0.3       | 2       | 1.05  | 91.3      | 97.71   | 74.9903 |
| 2009 | 6     | 27  | 21   | 3      | 43     | 0.3       | 2       | 1.01  | 87.6      | 97.8863 | 73.4039 |
| 2009 | 6     | 27  | 21   | 13     | 43     | 0.3       | 2       | 1.02  | 90        | 97.8863 | 73.5562 |
| 2009 | 6     | 27  | 21   | 23     | 43     | 0.3       | 2       | 1.03  | 90        | 97.8863 | 74.1655 |
| 2009 | 6     | 27  | 21   | 33     | 43     | 0.3       | 2       | 1.03  | 88.5      | 97.8863 | 74.1655 |
| 2009 | 6     | 27  | 21   | 43     | 43     | 0.3       | 2       | 1.04  | 88.5      | 97.8863 | 74.4702 |
| 2009 | 6     | 27  | 21   | 53     | 43     | 0.3       | 2       | 0.99  | 87.3      | 97.8863 | 72.0329 |
| 2009 | 6     | 27  | 22   | 3      | 43     | 0.3       | 2       | 1.06  | 90.4      | 97.8863 | 75.6888 |
| 2009 | 6     | 27  | 22   | 13     | 43     | 0.3       | 2       | 1     | 86.6      | 98.0627 | 72.5768 |
| 2009 | 6     | 27  | 22   | 23     | 43     | 0.3       | 2       | 1     | 88.3      | 98.0627 | 72.7292 |
| 2009 | 6     | 27  | 22   | 33     | 43     | 0.3       | 2       | 0.98  | 88.7      | 98.0627 | 72.1194 |
| 2009 | 6     | 27  | 22   | 43     | 43     | 0.3       | 2       | 1.06  | 90.2      | 98.2392 | 75.5627 |
| 2009 | 6     | 27  | 22   | 53     | 43     | 0.3       | 2       | 1.03  | 90.9      | 98.2392 | 74.342  |
| 2009 | 6     | 27  | 23   | 3      | 43     | 0.3       | 2       | 0.99  | 88.9      | 98.5924 | 72.684  |
| 2009 | 6     | 27  | 23   | 13     | 43     | 0.3       | 2       | 0.95  | 87.6      | 98.5924 | 70.8498 |
| 2009 | 6     | 27  | 23   | 23     | 43     | 0.3       | 2       | 0.97  | 88.2      | 98.7691 | 71.5465 |
| 2009 | 6     | 27  | 23   | 33     | 43     | 0.3       | 2       | 0.96  | 88.2      | 98.7691 | 71.0876 |
| 2009 | 6     | 27  | 23   | 43     | 43     | 0.3       | 2       | 0.98  | 88.3      | 98.7691 | 72.4644 |
| 2009 | 6     | 27  | 23   | 53     | 43     | 0.3       | 2       | 1     | 89.8      | 98.7691 | 73.2293 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 28  | 0    | 3      | 43     | 0.3       | 2       | 0.97  | 87.3      | 98.946  | 71.7849 |
| 2009 | 6     | 28  | 0    | 13     | 43     | 0.3       | 2       | 1     | 89.4      | 98.946  | 73.1628 |
| 2009 | 6     | 28  | 0    | 23     | 43     | 0.3       | 2       | 0.98  | 88.7      | 98.946  | 72.2442 |
| 2009 | 6     | 28  | 0    | 33     | 43     | 0.3       | 2       | 1     | 89.2      | 98.946  | 73.1628 |
| 2009 | 6     | 28  | 0    | 43     | 43     | 0.3       | 2       | 1     | 87.6      | 99.1229 | 73.5557 |
| 2009 | 6     | 28  | 0    | 53     | 43     | 0.3       | 2       | 0.96  | 86.7      | 99.1229 | 71.2573 |
| 2009 | 6     | 28  | 1    | 3      | 43     | 0.3       | 2       | 0.94  | 90.2      | 99.1229 | 70.3379 |
| 2009 | 6     | 28  | 1    | 13     | 43     | 0.3       | 2       | 1.01  | 88.5      | 99.1229 | 73.8622 |
| 2009 | 6     | 28  | 1    | 23     | 43     | 0.3       | 2       | 1.01  | 85        | 99.1229 | 73.709  |
| 2009 | 6     | 28  | 1    | 33     | 43     | 0.3       | 2       | 0.97  | 89.2      | 99.2999 | 71.9554 |
| 2009 | 6     | 28  | 1    | 43     | 43     | 0.3       | 2       | 0.92  | 90.2      | 99.2999 | 69.5016 |
| 2009 | 6     | 28  | 1    | 53     | 43     | 0.3       | 2       | 1     | 90.2      | 99.2999 | 73.489  |
| 2009 | 6     | 28  | 2    | 3      | 43     | 0.3       | 2       | 1.03  | 89.8      | 99.2999 | 75.0226 |
| 2009 | 6     | 28  | 2    | 13     | 43     | 0.3       | 2       | 0.99  | 87.3      | 99.2999 | 72.7222 |
| 2009 | 6     | 28  | 2    | 23     | 43     | 0.3       | 2       | 1.03  | 88.7      | 99.2999 | 74.7158 |
| 2009 | 6     | 28  | 2    | 33     | 43     | 0.3       | 2       | 0.92  | 85.5      | 99.2999 | 69.655  |
| 2009 | 6     | 28  | 2    | 43     | 43     | 0.3       | 2       | 0.96  | 87.7      | 99.2999 | 71.6487 |
| 2009 | 6     | 28  | 2    | 53     | 43     | 0.3       | 2       | 0.98  | 89.6      | 99.2999 | 72.5688 |
| 2009 | 6     | 28  | 3    | 3      | 43     | 0.3       | 2       | 1     | 87.4      | 99.2999 | 73.1822 |
| 2009 | 6     | 28  | 3    | 13     | 43     | 0.3       | 2       | 1.01  | 87.4      | 99.2999 | 73.7957 |
| 2009 | 6     | 28  | 3    | 23     | 43     | 0.3       | 2       | 1.06  | 89.8      | 99.2999 | 76.0961 |
| 2009 | 6     | 28  | 3    | 33     | 43     | 0.3       | 2       | 1.03  | 87.5      | 99.4771 | 75.1102 |
| 2009 | 6     | 28  | 3    | 43     | 43     | 0.3       | 2       | 0.98  | 88.7      | 99.4771 | 72.5009 |
| 2009 | 6     | 28  | 3    | 53     | 43     | 0.3       | 2       | 1     | 89.1      | 99.4771 | 73.7288 |
| 2009 | 6     | 28  | 4    | 3      | 43     | 0.3       | 2       | 1.01  | 88.9      | 99.4771 | 74.0358 |
| 2009 | 6     | 28  | 4    | 13     | 43     | 0.3       | 2       | 0.98  | 88.5      | 99.4771 | 72.8079 |
| 2009 | 6     | 28  | 4    | 23     | 43     | 0.3       | 2       | 0.96  | 89        | 99.4771 | 71.7335 |
| 2009 | 6     | 28  | 4    | 33     | 43     | 0.3       | 2       | 1.04  | 86.9      | 99.4771 | 75.2637 |
| 2009 | 6     | 28  | 4    | 43     | 43     | 0.3       | 2       | 0.98  | 87.1      | 99.4771 | 72.6544 |
| 2009 | 6     | 28  | 4    | 53     | 43     | 0.3       | 2       | 0.96  | 86.5      | 99.4771 | 71.4266 |
| 2009 | 6     | 28  | 5    | 3      | 43     | 0.3       | 2       | 0.94  | 88.8      | 99.4771 | 70.8126 |
| 2009 | 6     | 28  | 5    | 13     | 43     | 0.3       | 2       | 0.94  | 85.4      | 99.4771 | 70.6591 |
| 2009 | 6     | 28  | 5    | 23     | 43     | 0.3       | 2       | 0.98  | 87.3      | 99.4771 | 72.3475 |
| 2009 | 6     | 28  | 5    | 33     | 43     | 0.3       | 2       | 1     | 87.2      | 99.4771 | 73.2684 |
| 2009 | 6     | 28  | 5    | 43     | 43     | 0.3       | 2       | 1.03  | 87.6      | 99.4771 | 74.9567 |
| 2009 | 6     | 28  | 5    | 53     | 43     | 0.3       | 2       | 1     | 86.8      | 99.4771 | 73.4219 |
| 2009 | 6     | 28  | 6    | 3      | 43     | 0.3       | 2       | 1.01  | 89.3      | 99.6543 | 74.2761 |
| 2009 | 6     | 28  | 6    | 13     | 43     | 0.3       | 2       | 0.96  | 89.2      | 99.6543 | 71.6647 |
| 2009 | 6     | 28  | 6    | 23     | 43     | 0.3       | 2       | 0.99  | 90        | 99.6543 | 73.3544 |
| 2009 | 6     | 28  | 6    | 33     | 43     | 0.3       | 2       | 1.02  | 90        | 99.6543 | 74.5833 |
| 2009 | 6     | 28  | 6    | 43     | 43     | 0.3       | 2       | 1.01  | 87.4      | 99.6543 | 73.9689 |
| 2009 | 6     | 28  | 6    | 53     | 43     | 0.3       | 2       | 0.99  | 88.7      | 99.6543 | 73.3544 |
| 2009 | 6     | 28  | 7    | 3      | 43     | 0.3       | 2       | 0.96  | 88.8      | 99.6543 | 71.6647 |
| 2009 | 6     | 28  | 7    | 13     | 43     | 0.3       | 2       | 1     | 88.5      | 99.6543 | 73.6616 |
| 2009 | 6     | 28  | 7    | 23     | 43     | 0.3       | 2       | 0.97  | 87.1      | 99.6543 | 72.2791 |
| 2009 | 6     | 28  | 7    | 33     | 43     | 0.3       | 2       | 0.98  | 87.3      | 99.6543 | 72.74   |
| 2009 | 6     | 28  | 7    | 43     | 43     | 0.3       | 2       | 1.05  | 90        | 99.6543 | 75.8122 |
| 2009 | 6     | 28  | 7    | 53     | 43     | 0.3       | 2       | 1     | 87.9      | 99.6543 | 73.508  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 28  | 8    | 3      | 43     | 0.3       | 2       | 1     | 88.3      | 99.6543 | 73.6616 |
| 2009 | 6     | 28  | 8    | 13     | 43     | 0.3       | 2       | 1     | 90.6      | 99.6543 | 73.508  |
| 2009 | 6     | 28  | 8    | 23     | 43     | 0.3       | 2       | 1     | 86.6      | 99.6543 | 73.6616 |
| 2009 | 6     | 28  | 8    | 33     | 43     | 0.3       | 2       | 1.02  | 90.7      | 99.6543 | 74.4297 |
| 2009 | 6     | 28  | 8    | 43     | 43     | 0.3       | 2       | 1.02  | 88.3      | 99.6543 | 74.7369 |
| 2009 | 6     | 28  | 8    | 53     | 43     | 0.3       | 2       | 1     | 89.6      | 99.6543 | 73.8153 |
| 2009 | 6     | 28  | 9    | 3      | 43     | 0.3       | 2       | 1.01  | 88.7      | 99.6543 | 74.1225 |
| 2009 | 6     | 28  | 9    | 13     | 43     | 0.3       | 2       | 1.04  | 89.5      | 99.6543 | 75.3514 |
| 2009 | 6     | 28  | 9    | 23     | 43     | 0.3       | 2       | 1.01  | 92.2      | 99.6543 | 73.9689 |
| 2009 | 6     | 28  | 9    | 33     | 43     | 0.3       | 2       | 1.05  | 87.7      | 99.6543 | 76.1194 |
| 2009 | 6     | 28  | 9    | 43     | 43     | 0.3       | 2       | 1.04  | 89.8      | 99.6543 | 75.3514 |
| 2009 | 6     | 28  | 9    | 53     | 43     | 0.3       | 2       | 1.02  | 89.1      | 99.6543 | 74.4297 |
| 2009 | 6     | 28  | 10   | 3      | 43     | 0.3       | 2       | 1.04  | 88.9      | 99.6543 | 75.3514 |
| 2009 | 6     | 28  | 10   | 13     | 43     | 0.3       | 2       | 1     | 90.8      | 99.6543 | 73.508  |
| 2009 | 6     | 28  | 10   | 23     | 43     | 0.3       | 2       | 0.97  | 88.1      | 99.6543 | 72.1255 |
| 2009 | 6     | 28  | 10   | 33     | 43     | 0.3       | 2       | 1     | 89.1      | 99.6543 | 73.6616 |
| 2009 | 6     | 28  | 10   | 43     | 43     | 0.3       | 2       | 0.96  | 92        | 99.6543 | 71.5111 |
| 2009 | 6     | 28  | 10   | 53     | 43     | 0.3       | 2       | 1.03  | 88.4      | 99.6543 | 75.1978 |
| 2009 | 6     | 28  | 11   | 3      | 43     | 0.3       | 2       | 1     | 88.3      | 99.6543 | 73.508  |
| 2009 | 6     | 28  | 11   | 13     | 43     | 0.3       | 2       | 1     | 90.9      | 99.6543 | 73.8153 |
| 2009 | 6     | 28  | 11   | 23     | 43     | 0.3       | 2       | 1.04  | 89.3      | 99.6543 | 75.3514 |
| 2009 | 6     | 28  | 11   | 33     | 43     | 0.3       | 2       | 1.07  | 87.9      | 99.6543 | 77.0411 |
| 2009 | 6     | 28  | 11   | 43     | 43     | 0.3       | 2       | 1.02  | 87.6      | 99.6543 | 74.5833 |
| 2009 | 6     | 28  | 11   | 53     | 43     | 0.3       | 2       | 0.98  | 88.8      | 99.6543 | 72.5864 |
| 2009 | 6     | 28  | 12   | 3      | 43     | 0.3       | 2       | 0.98  | 88.5      | 99.6543 | 72.5864 |
| 2009 | 6     | 28  | 12   | 13     | 43     | 0.3       | 2       | 1.01  | 90        | 99.6543 | 73.9689 |
| 2009 | 6     | 28  | 12   | 23     | 43     | 0.3       | 2       | 1     | 88.7      | 99.6543 | 73.508  |
| 2009 | 6     | 28  | 12   | 33     | 43     | 0.3       | 2       | 1.03  | 87.6      | 99.6543 | 75.1978 |
| 2009 | 6     | 28  | 12   | 43     | 43     | 0.3       | 2       | 0.99  | 89.6      | 99.6543 | 73.3544 |
| 2009 | 6     | 28  | 12   | 53     | 43     | 0.3       | 2       | 1.03  | 89.1      | 99.6543 | 74.8905 |
| 2009 | 6     | 28  | 13   | 3      | 43     | 0.3       | 2       | 1.03  | 89.1      | 99.4771 | 74.8032 |
| 2009 | 6     | 28  | 13   | 13     | 43     | 0.3       | 2       | 1.01  | 91.1      | 99.6543 | 73.9689 |
| 2009 | 6     | 28  | 13   | 23     | 43     | 0.3       | 2       | 1.02  | 87.1      | 99.6543 | 74.7369 |
| 2009 | 6     | 28  | 13   | 33     | 43     | 0.3       | 2       | 0.99  | 88.7      | 99.4771 | 72.9614 |
| 2009 | 6     | 28  | 13   | 43     | 43     | 0.3       | 2       | 1.05  | 89.3      | 99.4771 | 75.8776 |
| 2009 | 6     | 28  | 13   | 53     | 43     | 0.3       | 2       | 0.99  | 86        | 99.4771 | 73.1149 |
| 2009 | 6     | 28  | 14   | 3      | 43     | 0.3       | 2       | 0.99  | 90.2      | 99.4771 | 72.9614 |
| 2009 | 6     | 28  | 14   | 13     | 43     | 0.3       | 2       | 1.01  | 90.7      | 99.2999 | 73.7957 |
| 2009 | 6     | 28  | 14   | 23     | 43     | 0.3       | 2       | 1.08  | 91.4      | 99.4771 | 77.4125 |
| 2009 | 6     | 28  | 14   | 33     | 43     | 0.3       | 2       | 1.07  | 89.8      | 99.4771 | 76.7986 |
| 2009 | 6     | 28  | 14   | 43     | 43     | 0.3       | 2       | 0.99  | 90.8      | 99.4771 | 73.2684 |
| 2009 | 6     | 28  | 14   | 53     | 43     | 0.3       | 2       | 1.02  | 89.4      | 99.2999 | 74.5625 |
| 2009 | 6     | 28  | 15   | 3      | 43     | 0.3       | 2       | 1.02  | 87.2      | 99.2999 | 74.2558 |
| 2009 | 6     | 28  | 15   | 13     | 43     | 0.3       | 2       | 0.99  | 87.3      | 99.4771 | 73.1149 |
| 2009 | 6     | 28  | 15   | 23     | 43     | 0.3       | 2       | 0.93  | 87.2      | 99.2999 | 70.2684 |
| 2009 | 6     | 28  | 15   | 33     | 43     | 0.3       | 2       | 1     | 87.4      | 99.1229 | 73.4025 |
| 2009 | 6     | 28  | 15   | 43     | 43     | 0.3       | 2       | 1.01  | 88.3      | 99.2999 | 73.7957 |
| 2009 | 6     | 28  | 15   | 53     | 43     | 0.3       | 2       | 1     | 87.9      | 99.1229 | 73.2493 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 28  | 16   | 3      | 43     | 0.3       | 2       | 0.98  | 90        | 99.2999  | 72.4155 |
| 2009 | 6     | 28  | 16   | 13     | 43     | 0.3       | 2       | 1     | 89.8      | 99.2999  | 73.6423 |
| 2009 | 6     | 28  | 16   | 23     | 43     | 0.3       | 2       | 0.98  | 91.5      | 99.2999  | 72.5688 |
| 2009 | 6     | 28  | 16   | 33     | 43     | 0.3       | 2       | 0.96  | 87.1      | 99.2999  | 71.6487 |
| 2009 | 6     | 28  | 16   | 43     | 43     | 0.3       | 2       | 1     | 88.1      | 99.1229  | 73.4025 |
| 2009 | 6     | 28  | 16   | 53     | 43     | 0.3       | 2       | 1.01  | 88.5      | 99.2999  | 73.7957 |
| 2009 | 6     | 28  | 17   | 3      | 43     | 0.3       | 2       | 1.05  | 89.1      | 99.2999  | 75.9427 |
| 2009 | 6     | 28  | 17   | 13     | 43     | 0.3       | 2       | 0.98  | 88.3      | 99.2999  | 72.7222 |
| 2009 | 6     | 28  | 17   | 23     | 43     | 0.3       | 2       | 1.03  | 88        | 99.2999  | 75.0226 |
| 2009 | 6     | 28  | 17   | 33     | 43     | 0.3       | 2       | 1.06  | 89.3      | 99.4771  | 76.3381 |
| 2009 | 6     | 28  | 17   | 43     | 43     | 0.3       | 2       | 1.09  | 90        | 99.4771  | 77.8729 |
| 2009 | 6     | 28  | 17   | 53     | 43     | 0.3       | 2       | 1     | 92.2      | 99.4771  | 73.7288 |
| 2009 | 6     | 28  | 18   | 3      | 43     | 0.3       | 2       | 1.06  | 87.7      | 99.6543  | 76.4267 |
| 2009 | 6     | 28  | 18   | 13     | 43     | 0.3       | 2       | 1.05  | 89.5      | 99.6543  | 75.9658 |
| 2009 | 6     | 28  | 18   | 23     | 43     | 0.3       | 2       | 1.02  | 90        | 99.6543  | 74.4297 |
| 2009 | 6     | 28  | 18   | 33     | 43     | 0.3       | 2       | 1.01  | 89.6      | 99.6543  | 74.1225 |
| 2009 | 6     | 28  | 18   | 43     | 43     | 0.3       | 2       | 1.05  | 88.6      | 99.6543  | 75.9658 |
| 2009 | 6     | 28  | 18   | 53     | 43     | 0.3       | 2       | 0.97  | 90.6      | 99.6543  | 72.4327 |
| 2009 | 6     | 28  | 19   | 3      | 43     | 0.3       | 2       | 1.02  | 89.6      | 99.6543  | 74.5833 |
| 2009 | 6     | 28  | 19   | 13     | 43     | 0.3       | 2       | 1.08  | 87.7      | 99.6543  | 77.502  |
| 2009 | 6     | 28  | 19   | 23     | 43     | 0.3       | 2       | 1.02  | 88.9      | 99.6543  | 74.4297 |
| 2009 | 6     | 28  | 19   | 33     | 43     | 0.3       | 2       | 0.96  | 90        | 99.8316  | 71.903  |
| 2009 | 6     | 28  | 19   | 43     | 43     | 0.3       | 2       | 1.04  | 91.4      | 99.8316  | 75.7464 |
| 2009 | 6     | 28  | 19   | 53     | 43     | 0.3       | 2       | 1.04  | 90.2      | 99.8316  | 75.7464 |
| 2009 | 6     | 28  | 20   | 3      | 43     | 0.3       | 2       | 0.94  | 88.6      | 99.8316  | 70.8268 |
| 2009 | 6     | 28  | 20   | 13     | 43     | 0.3       | 2       | 1.05  | 90        | 99.8316  | 76.0539 |
| 2009 | 6     | 28  | 20   | 23     | 43     | 0.3       | 2       | 1.03  | 91.8      | 99.8316  | 75.1315 |
| 2009 | 6     | 28  | 20   | 33     | 43     | 0.3       | 2       | 0.99  | 91.3      | 99.8316  | 73.2866 |
| 2009 | 6     | 28  | 20   | 43     | 43     | 0.3       | 2       | 0.96  | 89.2      | 99.8316  | 71.7492 |
| 2009 | 6     | 28  | 20   | 53     | 43     | 0.3       | 2       | 1.02  | 90        | 99.8316  | 74.6703 |
| 2009 | 6     | 28  | 21   | 3      | 43     | 0.3       | 2       | 0.99  | 90.4      | 100.0089 | 73.3723 |
| 2009 | 6     | 28  | 21   | 13     | 43     | 0.3       | 2       | 1     | 90        | 100.0089 | 73.8339 |
| 2009 | 6     | 28  | 21   | 23     | 43     | 0.3       | 2       | 1.02  | 88.2      | 100.0089 | 74.911  |
| 2009 | 6     | 28  | 21   | 33     | 43     | 0.3       | 2       | 1     | 90.9      | 100.0089 | 73.8339 |
| 2009 | 6     | 28  | 21   | 43     | 43     | 0.3       | 2       | 0.99  | 89.8      | 100.0089 | 73.2185 |
| 2009 | 6     | 28  | 21   | 53     | 43     | 0.3       | 2       | 1.06  | 88.9      | 100.0089 | 76.7574 |
| 2009 | 6     | 28  | 22   | 3      | 43     | 0.3       | 2       | 1.01  | 88        | 100.0089 | 74.4494 |
| 2009 | 6     | 28  | 22   | 13     | 43     | 0.3       | 2       | 1.02  | 87.6      | 100.1864 | 74.6899 |
| 2009 | 6     | 28  | 22   | 23     | 43     | 0.3       | 2       | 1.03  | 90.9      | 100.1864 | 75.1519 |
| 2009 | 6     | 28  | 22   | 33     | 43     | 0.3       | 2       | 1.02  | 89.4      | 100.1864 | 74.8439 |
| 2009 | 6     | 28  | 22   | 43     | 43     | 0.3       | 2       | 1.02  | 88.3      | 100.1864 | 74.9979 |
| 2009 | 6     | 28  | 22   | 53     | 43     | 0.3       | 2       | 1.01  | 88.5      | 100.1864 | 74.5359 |
| 2009 | 6     | 28  | 23   | 3      | 43     | 0.3       | 2       | 1.06  | 87.7      | 100.1864 | 76.6918 |
| 2009 | 6     | 28  | 23   | 13     | 43     | 0.3       | 2       | 1     | 87.2      | 100.1864 | 73.612  |
| 2009 | 6     | 28  | 23   | 23     | 43     | 0.3       | 2       | 0.98  | 87.9      | 100.364  | 73.0812 |
| 2009 | 6     | 28  | 23   | 33     | 43     | 0.3       | 2       | 0.98  | 89.4      | 100.5416 | 73.1662 |
| 2009 | 6     | 28  | 23   | 43     | 43     | 0.3       | 2       | 1.02  | 92.2      | 100.7194 | 74.9492 |
| 2009 | 6     | 28  | 23   | 53     | 43     | 0.3       | 2       | 1.02  | 90        | 100.7194 | 74.9492 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 29  | 0    | 3      | 43     | 0.3       | 2       | 1.04  | 88.2      | 100.8972 | 75.9624 |
| 2009 | 6     | 29  | 0    | 13     | 43     | 0.3       | 2       | 1.04  | 89.8      | 100.8972 | 75.9624 |
| 2009 | 6     | 29  | 0    | 23     | 43     | 0.3       | 2       | 0.95  | 89.2      | 101.0751 | 72.0294 |
| 2009 | 6     | 29  | 0    | 33     | 43     | 0.3       | 2       | 0.98  | 88.7      | 101.0751 | 73.2663 |
| 2009 | 6     | 29  | 0    | 43     | 43     | 0.3       | 2       | 1.04  | 88.5      | 101.0751 | 76.0493 |
| 2009 | 6     | 29  | 0    | 53     | 43     | 0.3       | 2       | 1     | 88.9      | 101.0751 | 74.194  |
| 2009 | 6     | 29  | 1    | 3      | 43     | 0.3       | 2       | 0.98  | 89.2      | 101.2531 | 73.6604 |
| 2009 | 6     | 29  | 1    | 13     | 43     | 0.3       | 2       | 1.06  | 87.7      | 101.2531 | 77.0645 |
| 2009 | 6     | 29  | 1    | 23     | 43     | 0.3       | 2       | 1.03  | 86.7      | 101.2531 | 75.6719 |
| 2009 | 6     | 29  | 1    | 33     | 43     | 0.3       | 2       | 1.03  | 90        | 101.2531 | 75.6719 |
| 2009 | 6     | 29  | 1    | 43     | 43     | 0.3       | 2       | 1.01  | 88.9      | 101.2531 | 74.7435 |
| 2009 | 6     | 29  | 1    | 53     | 43     | 0.3       | 2       | 1.07  | 87.7      | 101.4312 | 77.9262 |
| 2009 | 6     | 29  | 2    | 3      | 43     | 0.3       | 2       | 1     | 89.3      | 101.4312 | 74.6742 |
| 2009 | 6     | 29  | 2    | 13     | 43     | 0.3       | 2       | 1.02  | 89.6      | 101.4312 | 75.4485 |
| 2009 | 6     | 29  | 2    | 23     | 43     | 0.3       | 2       | 1.05  | 87        | 101.4312 | 76.8422 |
| 2009 | 6     | 29  | 2    | 33     | 43     | 0.3       | 2       | 1.03  | 87.6      | 101.4312 | 75.7582 |
| 2009 | 6     | 29  | 2    | 43     | 43     | 0.3       | 2       | 1.08  | 88.3      | 101.4312 | 78.0811 |
| 2009 | 6     | 29  | 2    | 53     | 43     | 0.3       | 2       | 0.99  | 88.9      | 101.4312 | 74.0548 |
| 2009 | 6     | 29  | 3    | 3      | 43     | 0.3       | 2       | 0.99  | 87.5      | 101.4312 | 73.9    |
| 2009 | 6     | 29  | 3    | 13     | 43     | 0.3       | 2       | 0.98  | 87.3      | 101.4312 | 73.2805 |
| 2009 | 6     | 29  | 3    | 23     | 43     | 0.3       | 2       | 1.01  | 89.8      | 101.4312 | 74.8291 |
| 2009 | 6     | 29  | 3    | 33     | 43     | 0.3       | 2       | 1.04  | 86.7      | 101.6094 | 76.1544 |
| 2009 | 6     | 29  | 3    | 43     | 43     | 0.3       | 2       | 1.02  | 90.2      | 101.6094 | 75.6895 |
| 2009 | 6     | 29  | 3    | 53     | 43     | 0.3       | 2       | 1.02  | 87.6      | 101.6094 | 75.5345 |
| 2009 | 6     | 29  | 4    | 3      | 43     | 0.3       | 2       | 1.01  | 90        | 101.6094 | 75.0696 |
| 2009 | 6     | 29  | 4    | 13     | 43     | 0.3       | 2       | 1.04  | 88.7      | 101.6094 | 76.6194 |
| 2009 | 6     | 29  | 4    | 23     | 43     | 0.3       | 2       | 0.99  | 88.3      | 101.6094 | 74.1397 |
| 2009 | 6     | 29  | 4    | 33     | 43     | 0.3       | 2       | 1.01  | 87.6      | 101.6094 | 74.9146 |
| 2009 | 6     | 29  | 4    | 43     | 43     | 0.3       | 2       | 0.99  | 89.6      | 101.6094 | 74.2947 |
| 2009 | 6     | 29  | 4    | 53     | 43     | 0.3       | 2       | 1     | 88.7      | 101.6094 | 74.6046 |
| 2009 | 6     | 29  | 5    | 3      | 43     | 0.3       | 2       | 0.99  | 88.1      | 101.6094 | 73.9847 |
| 2009 | 6     | 29  | 5    | 13     | 43     | 0.3       | 2       | 0.97  | 88.5      | 101.6094 | 73.2098 |
| 2009 | 6     | 29  | 5    | 23     | 43     | 0.3       | 2       | 1.03  | 88.7      | 101.6094 | 75.8445 |
| 2009 | 6     | 29  | 5    | 33     | 43     | 0.3       | 2       | 0.99  | 86.2      | 101.6094 | 73.8298 |
| 2009 | 6     | 29  | 5    | 43     | 43     | 0.3       | 2       | 1.01  | 90        | 101.6094 | 75.0696 |
| 2009 | 6     | 29  | 5    | 53     | 43     | 0.3       | 2       | 1.01  | 88        | 101.6094 | 75.2246 |
| 2009 | 6     | 29  | 6    | 3      | 43     | 0.3       | 2       | 1.02  | 88.5      | 101.6094 | 75.5345 |
| 2009 | 6     | 29  | 6    | 13     | 43     | 0.3       | 2       | 1.03  | 90.7      | 101.6094 | 76.1544 |
| 2009 | 6     | 29  | 6    | 23     | 43     | 0.3       | 2       | 1.05  | 87.9      | 101.7877 | 77.1714 |
| 2009 | 6     | 29  | 6    | 33     | 43     | 0.3       | 2       | 1     | 89.8      | 101.6094 | 74.4497 |
| 2009 | 6     | 29  | 6    | 43     | 43     | 0.3       | 2       | 1.01  | 87.4      | 101.7877 | 75      |
| 2009 | 6     | 29  | 6    | 53     | 43     | 0.3       | 2       | 0.98  | 88.3      | 101.7877 | 73.9143 |
| 2009 | 6     | 29  | 7    | 3      | 43     | 0.3       | 2       | 1.03  | 88.9      | 101.7877 | 76.0857 |
| 2009 | 6     | 29  | 7    | 13     | 43     | 0.3       | 2       | 1.08  | 88.8      | 101.7877 | 78.5674 |
| 2009 | 6     | 29  | 7    | 23     | 43     | 0.3       | 2       | 1.06  | 86.8      | 101.7877 | 77.3265 |
| 2009 | 6     | 29  | 7    | 33     | 43     | 0.3       | 2       | 1.03  | 86.9      | 101.7877 | 75.9306 |
| 2009 | 6     | 29  | 7    | 43     | 43     | 0.3       | 2       | 1.05  | 90        | 101.7877 | 76.8612 |
| 2009 | 6     | 29  | 7    | 53     | 43     | 0.3       | 2       | 0.98  | 88.9      | 101.7877 | 73.7592 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 29  | 8    | 3      | 43     | 0.3       | 2       | 0.93  | 89.6      | 101.7877 | 71.4327 |
| 2009 | 6     | 29  | 8    | 13     | 43     | 0.3       | 2       | 0.99  | 86.8      | 101.7877 | 74.2245 |
| 2009 | 6     | 29  | 8    | 23     | 43     | 0.3       | 2       | 1.02  | 88.5      | 101.7877 | 75.6204 |
| 2009 | 6     | 29  | 8    | 33     | 43     | 0.3       | 2       | 1.07  | 86        | 101.7877 | 77.7918 |
| 2009 | 6     | 29  | 8    | 43     | 43     | 0.3       | 2       | 0.98  | 88.3      | 101.6094 | 73.5198 |
| 2009 | 6     | 29  | 8    | 53     | 43     | 0.3       | 2       | 1.03  | 87.6      | 101.6094 | 75.8445 |
| 2009 | 6     | 29  | 9    | 3      | 43     | 0.3       | 2       | 1.01  | 89.3      | 101.6094 | 75.2246 |
| 2009 | 6     | 29  | 9    | 13     | 43     | 0.3       | 2       | 1.05  | 87.5      | 101.6094 | 77.0843 |
| 2009 | 6     | 29  | 9    | 23     | 43     | 0.3       | 2       | 0.98  | 87.9      | 101.6094 | 73.8298 |
| 2009 | 6     | 29  | 9    | 33     | 43     | 0.3       | 2       | 1     | 87        | 101.4312 | 74.2097 |
| 2009 | 6     | 29  | 9    | 43     | 43     | 0.3       | 2       | 1.04  | 86.7      | 101.4312 | 76.068  |
| 2009 | 6     | 29  | 9    | 53     | 43     | 0.3       | 2       | 1     | 84.3      | 101.4312 | 74.0548 |
| 2009 | 6     | 29  | 10   | 3      | 43     | 0.3       | 2       | 0.96  | 88        | 101.4312 | 72.3514 |
| 2009 | 6     | 29  | 10   | 13     | 43     | 0.3       | 2       | 1.01  | 88.5      | 101.4312 | 74.8291 |
| 2009 | 6     | 29  | 10   | 23     | 43     | 0.3       | 2       | 1.02  | 87.8      | 101.2531 | 75.5172 |
| 2009 | 6     | 29  | 10   | 33     | 43     | 0.3       | 2       | 1.01  | 88.3      | 101.0751 | 74.6578 |
| 2009 | 6     | 29  | 10   | 43     | 43     | 0.3       | 2       | 1.02  | 87.2      | 101.0751 | 75.2763 |
| 2009 | 6     | 29  | 10   | 53     | 43     | 0.3       | 2       | 1.05  | 88.7      | 101.0751 | 76.5132 |
| 2009 | 6     | 29  | 11   | 3      | 43     | 0.3       | 2       | 1.02  | 90        | 100.8972 | 75.0355 |
| 2009 | 6     | 29  | 11   | 13     | 43     | 0.3       | 2       | 1.01  | 87.9      | 100.7194 | 74.4861 |
| 2009 | 6     | 29  | 11   | 23     | 43     | 0.3       | 2       | 0.99  | 90        | 100.7194 | 73.8687 |
| 2009 | 6     | 29  | 11   | 33     | 43     | 0.3       | 2       | 1.02  | 87.2      | 100.7194 | 75.1036 |
| 2009 | 6     | 29  | 11   | 43     | 43     | 0.3       | 2       | 1.07  | 88.4      | 100.5416 | 77.1765 |
| 2009 | 6     | 29  | 11   | 53     | 43     | 0.3       | 2       | 1.05  | 88.7      | 100.5416 | 76.4053 |
| 2009 | 6     | 29  | 12   | 3      | 43     | 0.3       | 2       | 1.08  | 86.7      | 100.5416 | 77.7934 |
| 2009 | 6     | 29  | 12   | 13     | 43     | 0.3       | 2       | 1.02  | 88.5      | 100.5416 | 75.0171 |
| 2009 | 6     | 29  | 12   | 23     | 43     | 0.3       | 2       | 1.01  | 88.5      | 100.5416 | 74.7086 |
| 2009 | 6     | 29  | 12   | 33     | 43     | 0.3       | 2       | 0.99  | 87.7      | 100.5416 | 73.629  |
| 2009 | 6     | 29  | 12   | 43     | 43     | 0.3       | 2       | 0.99  | 89.8      | 100.364  | 73.3894 |
| 2009 | 6     | 29  | 12   | 53     | 43     | 0.3       | 2       | 1.02  | 86.5      | 100.364  | 74.6223 |
| 2009 | 6     | 29  | 13   | 3      | 43     | 0.3       | 2       | 1.02  | 86.7      | 100.364  | 74.9306 |
| 2009 | 6     | 29  | 13   | 13     | 43     | 0.3       | 2       | 0.95  | 85.4      | 100.364  | 71.3859 |
| 2009 | 6     | 29  | 13   | 23     | 43     | 0.3       | 2       | 0.98  | 89.2      | 100.364  | 73.0812 |
| 2009 | 6     | 29  | 13   | 33     | 43     | 0.3       | 2       | 1     | 88.5      | 100.364  | 73.8518 |
| 2009 | 6     | 29  | 13   | 43     | 43     | 0.3       | 2       | 1.01  | 89.6      | 100.1864 | 74.3819 |
| 2009 | 6     | 29  | 13   | 53     | 43     | 0.3       | 2       | 1.05  | 87        | 100.1864 | 76.2298 |
| 2009 | 6     | 29  | 14   | 3      | 43     | 0.3       | 2       | 0.94  | 88.2      | 100.1864 | 71.1481 |
| 2009 | 6     | 29  | 14   | 13     | 43     | 0.3       | 2       | 1.06  | 88.9      | 100.1864 | 76.5378 |
| 2009 | 6     | 29  | 14   | 23     | 43     | 0.3       | 2       | 0.96  | 89        | 100.1864 | 71.9181 |
| 2009 | 6     | 29  | 14   | 33     | 43     | 0.3       | 2       | 0.98  | 87.5      | 100.1864 | 72.688  |
| 2009 | 6     | 29  | 14   | 43     | 43     | 0.3       | 2       | 1.04  | 87.6      | 100.1864 | 75.6138 |
| 2009 | 6     | 29  | 14   | 53     | 43     | 0.3       | 2       | 1.01  | 88.5      | 100.0089 | 74.4494 |
| 2009 | 6     | 29  | 15   | 3      | 43     | 0.3       | 2       | 0.99  | 87.5      | 100.0089 | 73.3723 |
| 2009 | 6     | 29  | 15   | 13     | 43     | 0.3       | 2       | 1     | 89.1      | 100.0089 | 73.8339 |
| 2009 | 6     | 29  | 15   | 23     | 43     | 0.3       | 2       | 0.95  | 90.4      | 100.0089 | 71.526  |
| 2009 | 6     | 29  | 15   | 33     | 43     | 0.3       | 2       | 1     | 86.4      | 100.0089 | 73.6801 |
| 2009 | 6     | 29  | 15   | 43     | 43     | 0.3       | 2       | 1.06  | 89.5      | 100.0089 | 76.7574 |
| 2009 | 6     | 29  | 15   | 53     | 43     | 0.3       | 2       | 1.07  | 87.9      | 100.0089 | 76.9112 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 29  | 16   | 3      | 43     | 0.3       | 2       | 1     | 89.3      | 100.0089 | 73.9878 |
| 2009 | 6     | 29  | 16   | 13     | 43     | 0.3       | 2       | 1.03  | 90.4      | 100.0089 | 75.0648 |
| 2009 | 6     | 29  | 16   | 23     | 43     | 0.3       | 2       | 0.99  | 89.2      | 100.0089 | 73.2185 |
| 2009 | 6     | 29  | 16   | 33     | 43     | 0.3       | 2       | 1.01  | 88.9      | 100.0089 | 74.1417 |
| 2009 | 6     | 29  | 16   | 43     | 43     | 0.3       | 2       | 1.08  | 88.4      | 99.8316  | 77.4376 |
| 2009 | 6     | 29  | 16   | 53     | 43     | 0.3       | 2       | 1.01  | 88.3      | 100.0089 | 74.4494 |
| 2009 | 6     | 29  | 17   | 3      | 43     | 0.3       | 2       | 1.03  | 89.3      | 100.0089 | 75.3726 |
| 2009 | 6     | 29  | 17   | 13     | 43     | 0.3       | 2       | 1.06  | 89.8      | 100.0089 | 76.4496 |
| 2009 | 6     | 29  | 17   | 23     | 43     | 0.3       | 2       | 1.03  | 89.6      | 100.0089 | 75.0648 |
| 2009 | 6     | 29  | 17   | 33     | 43     | 0.3       | 2       | 0.98  | 90.8      | 100.0089 | 72.9107 |
| 2009 | 6     | 29  | 17   | 43     | 43     | 0.3       | 2       | 1     | 86.6      | 100.0089 | 73.5262 |
| 2009 | 6     | 29  | 17   | 53     | 43     | 0.3       | 2       | 1     | 88.9      | 100.0089 | 73.8339 |
| 2009 | 6     | 29  | 18   | 3      | 43     | 0.3       | 2       | 1     | 89.8      | 100.0089 | 73.8339 |
| 2009 | 6     | 29  | 18   | 13     | 43     | 0.3       | 2       | 1.01  | 88        | 100.0089 | 74.4494 |
| 2009 | 6     | 29  | 18   | 23     | 43     | 0.3       | 2       | 1.04  | 88.7      | 100.0089 | 75.8342 |
| 2009 | 6     | 29  | 18   | 33     | 43     | 0.3       | 2       | 0.98  | 87.5      | 100.0089 | 72.9107 |
| 2009 | 6     | 29  | 18   | 43     | 43     | 0.3       | 2       | 1.09  | 89.3      | 100.0089 | 77.9883 |
| 2009 | 6     | 29  | 18   | 53     | 43     | 0.3       | 2       | 1.03  | 87.3      | 100.0089 | 75.0648 |
| 2009 | 6     | 29  | 19   | 3      | 43     | 0.3       | 2       | 1.03  | 88.5      | 100.0089 | 75.3726 |
| 2009 | 6     | 29  | 19   | 13     | 43     | 0.3       | 2       | 1     | 87.4      | 100.0089 | 73.8339 |
| 2009 | 6     | 29  | 19   | 23     | 43     | 0.3       | 2       | 1.01  | 87.6      | 100.1864 | 74.2279 |
| 2009 | 6     | 29  | 19   | 33     | 43     | 0.3       | 2       | 1.01  | 90        | 100.1864 | 74.3819 |
| 2009 | 6     | 29  | 19   | 43     | 43     | 0.3       | 2       | 1.02  | 86.9      | 100.1864 | 74.5359 |
| 2009 | 6     | 29  | 19   | 53     | 43     | 0.3       | 2       | 1.01  | 87.9      | 100.1864 | 74.2279 |
| 2009 | 6     | 29  | 20   | 3      | 43     | 0.3       | 2       | 1.07  | 89.5      | 100.364  | 77.2423 |
| 2009 | 6     | 29  | 20   | 13     | 43     | 0.3       | 2       | 0.99  | 90        | 100.364  | 73.5435 |
| 2009 | 6     | 29  | 20   | 23     | 43     | 0.3       | 2       | 0.98  | 87.1      | 100.5416 | 73.1662 |
| 2009 | 6     | 29  | 20   | 33     | 43     | 0.3       | 2       | 1.05  | 88.2      | 100.7194 | 76.3385 |
| 2009 | 6     | 29  | 20   | 43     | 43     | 0.3       | 2       | 1.05  | 87.7      | 100.8972 | 76.4259 |
| 2009 | 6     | 29  | 20   | 53     | 43     | 0.3       | 2       | 0.97  | 90        | 101.2531 | 72.8867 |
| 2009 | 6     | 29  | 21   | 3      | 43     | 0.3       | 2       | 1.01  | 86.1      | 101.4312 | 74.984  |
| 2009 | 6     | 29  | 21   | 13     | 43     | 0.3       | 2       | 0.95  | 89.4      | 101.4312 | 72.3514 |
| 2009 | 6     | 29  | 21   | 23     | 43     | 0.3       | 2       | 1.04  | 90.2      | 101.6094 | 76.6194 |
| 2009 | 6     | 29  | 21   | 33     | 43     | 0.3       | 2       | 0.98  | 87.9      | 101.6094 | 73.8298 |
| 2009 | 6     | 29  | 21   | 43     | 43     | 0.3       | 2       | 1     | 87        | 101.7877 | 74.3796 |
| 2009 | 6     | 29  | 21   | 53     | 43     | 0.3       | 2       | 1     | 88.9      | 101.7877 | 74.6898 |
| 2009 | 6     | 29  | 22   | 3      | 43     | 0.3       | 2       | 1.03  | 88.2      | 101.7877 | 76.0857 |
| 2009 | 6     | 29  | 22   | 13     | 43     | 0.3       | 2       | 1.03  | 85.6      | 101.966  | 76.0167 |
| 2009 | 6     | 29  | 22   | 23     | 43     | 0.3       | 2       | 1.04  | 87.1      | 101.966  | 76.7928 |
| 2009 | 6     | 29  | 22   | 33     | 43     | 0.3       | 2       | 1.04  | 88.7      | 101.966  | 76.6376 |
| 2009 | 6     | 29  | 22   | 43     | 43     | 0.3       | 2       | 0.97  | 87.9      | 102.1445 | 73.4618 |
| 2009 | 6     | 29  | 22   | 53     | 43     | 0.3       | 2       | 0.96  | 88.2      | 102.1445 | 72.9957 |
| 2009 | 6     | 29  | 23   | 3      | 43     | 0.3       | 2       | 1     | 88.7      | 102.3231 | 74.9447 |
| 2009 | 6     | 29  | 23   | 13     | 43     | 0.3       | 2       | 1.08  | 86.2      | 102.3231 | 78.365  |
| 2009 | 6     | 29  | 23   | 23     | 43     | 0.3       | 2       | 1.04  | 88.9      | 102.5017 | 76.741  |
| 2009 | 6     | 29  | 23   | 33     | 43     | 0.3       | 2       | 1.04  | 87.5      | 102.8592 | 76.9129 |
| 2009 | 6     | 29  | 23   | 43     | 43     | 0.3       | 2       | 1.06  | 87.9      | 103.0381 | 77.9344 |
| 2009 | 6     | 29  | 23   | 53     | 43     | 0.3       | 2       | 0.98  | 87.7      | 103.3962 | 74.2026 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 30  | 0    | 3      | 43     | 0.3       | 2       | 1.01  | 88        | 103.5754 | 76.0051 |
| 2009 | 6     | 30  | 0    | 13     | 43     | 0.3       | 2       | 1.04  | 88.7      | 103.5754 | 77.4118 |
| 2009 | 6     | 30  | 0    | 23     | 43     | 0.3       | 2       | 1.08  | 85.3      | 103.7546 | 79.0615 |
| 2009 | 6     | 30  | 0    | 33     | 43     | 0.3       | 2       | 1.02  | 87.2      | 103.7546 | 76.7153 |
| 2009 | 6     | 30  | 0    | 43     | 43     | 0.3       | 2       | 1.04  | 86.9      | 103.934  | 77.5828 |
| 2009 | 6     | 30  | 0    | 53     | 43     | 0.3       | 2       | 1.06  | 90        | 103.934  | 78.522  |
| 2009 | 6     | 30  | 1    | 3      | 43     | 0.3       | 2       | 1.02  | 88.5      | 104.1135 | 76.7282 |
| 2009 | 6     | 30  | 1    | 13     | 43     | 0.3       | 2       | 0.99  | 87        | 104.1135 | 75.1617 |
| 2009 | 6     | 30  | 1    | 23     | 43     | 0.3       | 2       | 1.04  | 91.3      | 104.1135 | 77.6681 |
| 2009 | 6     | 30  | 1    | 33     | 43     | 0.3       | 2       | 1.04  | 89.8      | 104.293  | 77.5966 |
| 2009 | 6     | 30  | 1    | 43     | 43     | 0.3       | 2       | 1     | 90.2      | 104.4726 | 75.799  |
| 2009 | 6     | 30  | 1    | 53     | 43     | 0.3       | 2       | 1.03  | 88.4      | 104.6523 | 77.6095 |
| 2009 | 6     | 30  | 2    | 3      | 43     | 0.3       | 2       | 1.03  | 86.2      | 104.8321 | 77.5371 |
| 2009 | 6     | 30  | 2    | 13     | 43     | 0.3       | 2       | 1.03  | 88.7      | 105.372  | 77.9477 |
| 2009 | 6     | 30  | 2    | 23     | 43     | 0.3       | 2       | 1.09  | 86.2      | 105.5522 | 80.3955 |
| 2009 | 6     | 30  | 2    | 33     | 43     | 0.3       | 2       | 1.07  | 86.3      | 105.7325 | 79.8507 |
| 2009 | 6     | 30  | 2    | 43     | 43     | 0.3       | 2       | 1.06  | 88.6      | 105.7325 | 79.22   |
| 2009 | 6     | 30  | 2    | 53     | 43     | 0.3       | 2       | 1.09  | 88.6      | 105.9128 | 80.8828 |
| 2009 | 6     | 30  | 3    | 3      | 43     | 0.3       | 2       | 1.04  | 87.1      | 105.9128 | 78.6736 |
| 2009 | 6     | 30  | 3    | 13     | 43     | 0.3       | 2       | 1.02  | 88.2      | 106.0932 | 77.4947 |
| 2009 | 6     | 30  | 3    | 23     | 43     | 0.3       | 2       | 1.08  | 89        | 106.0932 | 80.3371 |
| 2009 | 6     | 30  | 3    | 33     | 43     | 0.3       | 2       | 1.1   | 89.3      | 106.2737 | 81.5286 |
| 2009 | 6     | 30  | 3    | 43     | 43     | 0.3       | 2       | 1.06  | 87.3      | 106.2737 | 79.6323 |
| 2009 | 6     | 30  | 3    | 53     | 43     | 0.3       | 2       | 1     | 88.5      | 106.4543 | 76.7124 |
| 2009 | 6     | 30  | 4    | 3      | 43     | 0.3       | 2       | 1.04  | 86.9      | 106.4543 | 78.7682 |
| 2009 | 6     | 30  | 4    | 13     | 43     | 0.3       | 2       | 1.04  | 86.7      | 106.635  | 78.5356 |
| 2009 | 6     | 30  | 4    | 23     | 43     | 0.3       | 2       | 1     | 89.4      | 106.8158 | 77.1939 |
| 2009 | 6     | 30  | 4    | 33     | 43     | 0.3       | 2       | 1.03  | 88        | 107.3587 | 78.5519 |
| 2009 | 6     | 30  | 4    | 43     | 43     | 0.3       | 2       | 0.99  | 88.5      | 107.5399 | 76.7293 |
| 2009 | 6     | 30  | 4    | 53     | 43     | 0.3       | 2       | 1.03  | 88.5      | 107.7211 | 78.8766 |
| 2009 | 6     | 30  | 5    | 3      | 43     | 0.3       | 2       | 1.01  | 88.5      | 107.9024 | 78.0054 |
| 2009 | 6     | 30  | 5    | 13     | 43     | 0.3       | 2       | 1.03  | 87.3      | 107.9024 | 78.8005 |
| 2009 | 6     | 30  | 5    | 23     | 43     | 0.3       | 2       | 1.09  | 89        | 107.9024 | 81.8218 |
| 2009 | 6     | 30  | 5    | 33     | 43     | 0.3       | 2       | 1.11  | 87.8      | 108.0838 | 82.8612 |
| 2009 | 6     | 30  | 5    | 43     | 43     | 0.3       | 2       | 1.05  | 88.6      | 108.0838 | 79.8379 |
| 2009 | 6     | 30  | 5    | 53     | 43     | 0.3       | 2       | 0.97  | 91        | 108.2653 | 76.418  |
| 2009 | 6     | 30  | 6    | 3      | 43     | 0.3       | 2       | 1.01  | 90.2      | 108.2653 | 78.3288 |
| 2009 | 6     | 30  | 6    | 13     | 43     | 0.3       | 2       | 0.96  | 90        | 108.2653 | 75.9403 |
| 2009 | 6     | 30  | 6    | 23     | 43     | 0.3       | 2       | 0.98  | 90.2      | 108.4469 | 76.6581 |
| 2009 | 6     | 30  | 6    | 33     | 43     | 0.3       | 2       | 1.02  | 89.6      | 108.4469 | 78.8888 |
| 2009 | 6     | 30  | 6    | 43     | 43     | 0.3       | 2       | 1.04  | 86.9      | 108.6286 | 79.9277 |
| 2009 | 6     | 30  | 6    | 53     | 43     | 0.3       | 2       | 1.09  | 89.7      | 108.6286 | 82.1599 |
| 2009 | 6     | 30  | 7    | 3      | 43     | 0.3       | 2       | 1.01  | 88.7      | 108.6286 | 78.4927 |
| 2009 | 6     | 30  | 7    | 13     | 43     | 0.3       | 2       | 1     | 88.7      | 108.8104 | 77.9363 |
| 2009 | 6     | 30  | 7    | 23     | 43     | 0.3       | 2       | 1.02  | 89.8      | 108.9922 | 78.9755 |
| 2009 | 6     | 30  | 7    | 33     | 43     | 0.3       | 2       | 1.03  | 88.9      | 109.3562 | 79.4588 |
| 2009 | 6     | 30  | 7    | 43     | 43     | 0.3       | 2       | 0.97  | 88.2      | 109.5384 | 76.5011 |
| 2009 | 6     | 30  | 7    | 53     | 43     | 0.3       | 2       | 1.01  | 90        | 109.7206 | 78.9821 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 30  | 8    | 3      | 43     | 0.3       | 2       | 1.01  | 89.3      | 109.9029 | 79.0633 |
| 2009 | 6     | 30  | 8    | 13     | 43     | 0.3       | 2.3     | 1     | 89.2      | 110.0853 | 78.5032 |
| 2009 | 6     | 30  | 8    | 23     | 43     | 0.3       | 2.3     | 0.98  | 90.6      | 110.0853 | 77.3812 |
| 2009 | 6     | 30  | 8    | 33     | 43     | 0.3       | 2.3     | 1.09  | 86.9      | 110.2677 | 83.0747 |
| 2009 | 6     | 30  | 8    | 43     | 43     | 0.3       | 2.3     | 1.05  | 90.2      | 110.2677 | 81.15   |
| 2009 | 6     | 30  | 8    | 53     | 43     | 0.3       | 2.3     | 1.05  | 89.3      | 110.2677 | 80.8293 |
| 2009 | 6     | 30  | 9    | 3      | 43     | 0.3       | 2.3     | 1     | 88.9      | 110.4503 | 78.8248 |
| 2009 | 6     | 30  | 9    | 13     | 43     | 0.3       | 2.3     | 1.03  | 90.4      | 110.4503 | 80.1087 |
| 2009 | 6     | 30  | 9    | 23     | 43     | 0.3       | 2.3     | 1.05  | 87.1      | 110.4503 | 81.2322 |
| 2009 | 6     | 30  | 9    | 33     | 43     | 0.3       | 2.3     | 0.98  | 88.7      | 110.633  | 77.7811 |
| 2009 | 6     | 30  | 9    | 43     | 43     | 0.3       | 2.3     | 1.01  | 89.3      | 110.633  | 79.0659 |
| 2009 | 6     | 30  | 9    | 53     | 43     | 0.3       | 2.3     | 1.02  | 88.5      | 110.633  | 79.7083 |
| 2009 | 6     | 30  | 10   | 3      | 43     | 0.3       | 2.3     | 1.01  | 90.2      | 110.633  | 79.2265 |
| 2009 | 6     | 30  | 10   | 13     | 43     | 0.3       | 2.3     | 1.05  | 87.7      | 110.633  | 81.1536 |
| 2009 | 6     | 30  | 10   | 23     | 43     | 0.3       | 2.3     | 1.01  | 89.3      | 110.8158 | 79.3071 |
| 2009 | 6     | 30  | 10   | 33     | 43     | 0.3       | 2.3     | 1.03  | 88.2      | 110.8158 | 80.2713 |
| 2009 | 6     | 30  | 10   | 43     | 43     | 0.3       | 2.3     | 1.06  | 90        | 110.8158 | 81.5568 |
| 2009 | 6     | 30  | 10   | 53     | 43     | 0.3       | 2.3     | 1.06  | 88.9      | 110.8158 | 81.7175 |
| 2009 | 6     | 30  | 11   | 3      | 43     | 0.3       | 2.3     | 1.01  | 90.4      | 110.8158 | 79.3071 |
| 2009 | 6     | 30  | 11   | 13     | 43     | 0.3       | 2.3     | 1     | 86.6      | 110.9986 | 78.7444 |
| 2009 | 6     | 30  | 11   | 23     | 43     | 0.3       | 2.3     | 1     | 90.4      | 110.9986 | 79.066  |
| 2009 | 6     | 30  | 11   | 33     | 43     | 0.3       | 2.3     | 1.04  | 88        | 110.9986 | 80.8347 |
| 2009 | 6     | 30  | 11   | 43     | 43     | 0.3       | 2.3     | 1.06  | 90.7      | 111.1815 | 81.7206 |
| 2009 | 6     | 30  | 11   | 53     | 43     | 0.3       | 2.3     | 1.04  | 89.8      | 110.9986 | 80.8347 |
| 2009 | 6     | 30  | 12   | 3      | 43     | 0.3       | 2.3     | 1.01  | 90.6      | 111.1815 | 79.6289 |
| 2009 | 6     | 30  | 12   | 13     | 43     | 0.3       | 2.3     | 1.02  | 87.6      | 111.1815 | 79.7898 |
| 2009 | 6     | 30  | 12   | 23     | 43     | 0.3       | 2.3     | 1.03  | 89.6      | 111.1815 | 80.2725 |
| 2009 | 6     | 30  | 12   | 33     | 43     | 0.3       | 2.3     | 1.01  | 89.4      | 111.3646 | 79.3873 |
| 2009 | 6     | 30  | 12   | 43     | 43     | 0.3       | 2.3     | 1.05  | 90.9      | 111.3646 | 81.6413 |
| 2009 | 6     | 30  | 12   | 53     | 43     | 0.3       | 2.3     | 1.04  | 89.3      | 111.3646 | 80.8363 |
| 2009 | 6     | 30  | 13   | 3      | 43     | 0.3       | 2.3     | 1     | 87.2      | 111.3646 | 78.7433 |
| 2009 | 6     | 30  | 13   | 13     | 43     | 0.3       | 2.3     | 1.02  | 89.6      | 111.5477 | 80.1117 |
| 2009 | 6     | 30  | 13   | 23     | 43     | 0.3       | 2.3     | 0.97  | 88.3      | 111.9142 | 78.0142 |
| 2009 | 6     | 30  | 13   | 33     | 43     | 0.3       | 2.3     | 0.97  | 88.8      | 112.4646 | 78.0887 |
| 2009 | 6     | 30  | 13   | 43     | 43     | 0.3       | 2.3     | 1.07  | 89.5      | 112.6482 | 83.1796 |
| 2009 | 6     | 30  | 13   | 53     | 43     | 0.3       | 2.3     | 0.96  | 90.4      | 112.6482 | 77.682  |
| 2009 | 6     | 30  | 14   | 3      | 43     | 0.3       | 2.3     | 1.01  | 88.3      | 112.832  | 80.1869 |
| 2009 | 6     | 30  | 14   | 13     | 43     | 0.3       | 2.3     | 1.01  | 89.6      | 112.832  | 80.0251 |
| 2009 | 6     | 30  | 14   | 23     | 43     | 0.3       | 2.3     | 1.03  | 88        | 112.832  | 81.1576 |
| 2009 | 6     | 30  | 14   | 33     | 43     | 0.3       | 2.3     | 1.06  | 90        | 113.0158 | 82.6946 |
| 2009 | 6     | 30  | 14   | 43     | 43     | 0.3       | 2.3     | 1.01  | 91.1      | 113.0158 | 80.2663 |
| 2009 | 6     | 30  | 14   | 53     | 43     | 0.3       | 2.3     | 1.07  | 88.4      | 113.0158 | 83.0184 |
| 2009 | 6     | 30  | 15   | 3      | 43     | 0.3       | 2.3     | 1     | 87.6      | 113.0158 | 79.9425 |
| 2009 | 6     | 30  | 15   | 13     | 43     | 0.3       | 2.3     | 0.99  | 87.3      | 113.0158 | 79.133  |
| 2009 | 6     | 30  | 15   | 23     | 43     | 0.3       | 2.3     | 1.06  | 89.5      | 113.0158 | 82.6946 |
| 2009 | 6     | 30  | 15   | 33     | 43     | 0.3       | 2.3     | 0.97  | 89        | 113.1997 | 78.5637 |
| 2009 | 6     | 30  | 15   | 43     | 43     | 0.3       | 2.3     | 1.03  | 88        | 113.1997 | 81.1554 |
| 2009 | 6     | 30  | 15   | 53     | 43     | 0.3       | 2.3     | 1.02  | 89.1      | 113.1997 | 80.6695 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 30  | 16   | 3      | 43     | 0.3       | 2.3     | 0.99  | 89.1      | 113.1997 | 79.5356 |
| 2009 | 6     | 30  | 16   | 13     | 43     | 0.3       | 2.3     | 1.02  | 88.9      | 113.1997 | 80.9935 |
| 2009 | 6     | 30  | 16   | 23     | 43     | 0.3       | 2.3     | 0.97  | 88.8      | 113.1997 | 78.5637 |
| 2009 | 6     | 30  | 16   | 33     | 43     | 0.3       | 2.3     | 1.03  | 90        | 113.1997 | 81.1554 |
| 2009 | 6     | 30  | 16   | 43     | 43     | 0.3       | 2.3     | 1.06  | 89.3      | 113.3838 | 83.018  |
| 2009 | 6     | 30  | 16   | 53     | 43     | 0.3       | 2.3     | 0.97  | 90        | 113.3838 | 78.6418 |
| 2009 | 6     | 30  | 17   | 3      | 43     | 0.3       | 2.3     | 1.06  | 89.1      | 113.3838 | 82.8559 |
| 2009 | 6     | 30  | 17   | 13     | 43     | 0.3       | 2.3     | 1.01  | 88.3      | 113.3838 | 80.2626 |
| 2009 | 6     | 30  | 17   | 23     | 43     | 0.3       | 2.3     | 1.02  | 89.3      | 113.3838 | 80.7489 |
| 2009 | 6     | 30  | 17   | 33     | 43     | 0.3       | 2.3     | 1.02  | 88        | 113.3838 | 80.7489 |
| 2009 | 6     | 30  | 17   | 43     | 43     | 0.3       | 2.3     | 1.04  | 89.6      | 113.5678 | 82.1255 |
| 2009 | 6     | 30  | 17   | 53     | 43     | 0.3       | 2.3     | 1.05  | 88.6      | 113.5678 | 82.2877 |
| 2009 | 6     | 30  | 18   | 3      | 43     | 0.3       | 2.3     | 1     | 89.1      | 113.752  | 80.0959 |
| 2009 | 6     | 30  | 18   | 13     | 43     | 0.3       | 2.3     | 0.99  | 87.5      | 113.9363 | 79.6873 |
| 2009 | 6     | 30  | 18   | 23     | 43     | 0.3       | 2.3     | 1.07  | 89.3      | 114.1207 | 83.5022 |
| 2009 | 6     | 30  | 18   | 33     | 43     | 0.3       | 2.3     | 1.01  | 88.3      | 114.3051 | 80.9815 |
| 2009 | 6     | 30  | 18   | 43     | 43     | 0.3       | 2.3     | 1     | 89.3      | 114.4897 | 80.5722 |
| 2009 | 6     | 30  | 18   | 53     | 43     | 0.3       | 2.3     | 1.01  | 88.7      | 114.4897 | 81.0601 |
| 2009 | 6     | 30  | 19   | 3      | 43     | 0.3       | 2.3     | 1.02  | 89.3      | 114.6743 | 81.4641 |
| 2009 | 6     | 30  | 19   | 13     | 43     | 0.3       | 2.3     | 0.95  | 88.8      | 114.6743 | 78.0465 |
| 2009 | 6     | 30  | 19   | 23     | 43     | 0.3       | 2.3     | 1     | 87.8      | 114.6743 | 80.6504 |
| 2009 | 6     | 30  | 19   | 33     | 43     | 0.3       | 2.3     | 1.05  | 89.1      | 114.6743 | 83.0916 |
| 2009 | 6     | 30  | 19   | 43     | 43     | 0.3       | 2.3     | 1.01  | 88.9      | 114.859  | 80.8914 |
| 2009 | 6     | 30  | 19   | 53     | 43     | 0.3       | 2.3     | 1.07  | 90.5      | 114.6743 | 83.9053 |
| 2009 | 6     | 30  | 20   | 3      | 43     | 0.3       | 2.3     | 1.07  | 89.3      | 114.859  | 84.1481 |
| 2009 | 6     | 30  | 20   | 13     | 43     | 0.3       | 2.3     | 1.01  | 86.8      | 114.859  | 80.8914 |
| 2009 | 6     | 30  | 20   | 23     | 43     | 0.3       | 2.3     | 1.01  | 90.2      | 114.859  | 80.8914 |
| 2009 | 6     | 30  | 20   | 33     | 43     | 0.3       | 2.3     | 1.05  | 90        | 115.0439 | 82.9247 |
| 2009 | 6     | 30  | 20   | 43     | 43     | 0.3       | 2.3     | 1.02  | 87.8      | 115.0439 | 81.7842 |
| 2009 | 6     | 30  | 20   | 53     | 43     | 0.3       | 2.3     | 1     | 87.9      | 115.0439 | 80.6437 |
| 2009 | 6     | 30  | 21   | 3      | 43     | 0.3       | 2.3     | 1     | 90.6      | 115.0439 | 80.8066 |
| 2009 | 6     | 30  | 21   | 13     | 43     | 0.3       | 2.3     | 1.01  | 88.1      | 115.0439 | 80.9695 |
| 2009 | 6     | 30  | 21   | 23     | 43     | 0.3       | 2.3     | 1.07  | 85.4      | 115.0439 | 83.9023 |
| 2009 | 6     | 30  | 21   | 33     | 43     | 0.3       | 2.3     | 1.02  | 88        | 115.0439 | 81.4583 |
| 2009 | 6     | 30  | 21   | 43     | 43     | 0.3       | 2.3     | 1.09  | 89.7      | 115.0439 | 85.0428 |
| 2009 | 6     | 30  | 21   | 53     | 43     | 0.3       | 2.3     | 0.97  | 88.8      | 115.0439 | 79.1773 |
| 2009 | 6     | 30  | 22   | 3      | 43     | 0.3       | 2.3     | 1.01  | 89.3      | 115.2288 | 81.3736 |
| 2009 | 6     | 30  | 22   | 13     | 43     | 0.3       | 2.3     | 0.99  | 87.7      | 115.2288 | 80.2325 |
| 2009 | 6     | 30  | 22   | 23     | 43     | 0.3       | 2.3     | 1.02  | 86.1      | 115.2288 | 81.6996 |
| 2009 | 6     | 30  | 22   | 33     | 43     | 0.3       | 2.3     | 1     | 87.6      | 115.2288 | 80.7215 |
| 2009 | 6     | 30  | 22   | 43     | 43     | 0.3       | 2.3     | 1.06  | 87.7      | 115.4137 | 83.5722 |
| 2009 | 6     | 30  | 22   | 53     | 43     | 0.3       | 2.3     | 1.04  | 87.3      | 115.4137 | 82.7566 |
| 2009 | 6     | 30  | 23   | 3      | 43     | 0.3       | 2.3     | 1.04  | 88        | 115.5988 | 82.9985 |
| 2009 | 6     | 30  | 23   | 13     | 43     | 0.3       | 2.3     | 1.05  | 87.7      | 115.5988 | 83.3249 |
| 2009 | 6     | 30  | 23   | 23     | 43     | 0.3       | 2.3     | 1     | 86.6      | 115.5988 | 80.5505 |
| 2009 | 6     | 30  | 23   | 33     | 43     | 0.3       | 2.3     | 1.02  | 88.7      | 115.784  | 81.7709 |
| 2009 | 6     | 30  | 23   | 43     | 43     | 0.3       | 2.3     | 1.02  | 86.3      | 115.9693 | 81.6854 |
| 2009 | 6     | 30  | 23   | 53     | 43     | 0.3       | 2.3     | 1.05  | 88.4      | 115.9693 | 83.3193 |

File\_Name 090615BK.RTN.WAD  
 Start\_Date\_and\_Time 2009/06/15 10:55:28  
 Site\_Name BLACKROCK RTN LOR  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P1685  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge LEW  
 #\_Stations 9  
 Total\_Width 6.000 ft  
 Total\_Area 7.441 ft^2  
 Total\_Discharge 3.8287 cfs  
 Mean\_Depth 1.240 ft  
 Mean\_Velocity 0.5145 ft/s  
 Mean\_SNR 28.4 dB  
 Mean\_Verr 0.0126 ft/s  
 Mean\_Temp 67.40 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 6.6 %  
 Accuracy 1.0 %  
 Depth 0.2 %  
 Velocity 0.9 %  
 Width 0.2 %  
 Method 2.9 %  
 #\_Stations 5.8 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 4.9 %  
 Accuracy 1.0 %  
 Depth 0.0 %  
 Velocity 4.8 %  
 Width 0.2 %

#### Supplemental\_Data

Gauge\_Height\_Change 0.000 ft

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/15 | 10:54:07 | 0.000        | 1.250            | 3.7602          |          |
| 02     | 2009/06/15 | 11:03:08 | 6.000        | 1.250            | 3.3302          |          |

## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/15/2009 10:54

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc  | Depth | %Dep | MeasD | Npts | Spike | Vel    | SNR  | Angle | Verr   | Bnd | Temp   | CorrFact | MeanV  | Area   | Flow   | %Q   |
|----|-------|------|-------|------|-------|------|-------|--------|------|-------|--------|-----|--------|----------|--------|--------|--------|------|
| () | ()    | (ft) | (ft)  | (*D) | (ft)  | ()   | ()    | (ft/s) | (dB) | (deg) | (ft/s) | ()  | (degF) | ()       | (ft/s) | (ft^2) | (cfs)  | (%)  |
| 0  | 10:55 | 0    | 1.24  | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0.4242 | 0.31   | 0.1315 | 3.4  |
| 1  | 10:55 | 0.5  | 1.24  | 0.6  | 0.496 | 40   | 0     | 0.424  | 34.2 | -1    | 0.01   | 0   | 67.33  | 1        | 0.4242 | 0.62   | 0.263  | 6.9  |
| 2  | 10:56 | 1    | 1.24  | 0.6  | 0.496 | 40   | 1     | 0.509  | 34.2 | 2     | 0.01   | 0   | 67.35  | 1        | 0.5092 | 0.93   | 0.4736 | 12.4 |
| 3  | 10:57 | 2    | 1.24  | 0.6  | 0.496 | 40   | 1     | 0.66   | 29.2 | 1     | 0.009  | 0   | 67.37  | 1        | 0.6604 | 1.24   | 0.819  | 21.4 |
| 4  | 10:58 | 3    | 1.24  | 0.6  | 0.496 | 40   | 0     | 0.575  | 29.4 | 2     | 0.013  | 0   | 67.41  | 1        | 0.5745 | 1.24   | 0.7124 | 18.6 |
| 5  | 10:59 | 4    | 1.24  | 0.6  | 0.496 | 40   | 0     | 0.584  | 26.2 | -4    | 0.012  | 0   | 67.42  | 1        | 0.5837 | 1.24   | 0.7238 | 18.9 |
| 6  | 11:00 | 5    | 1.24  | 0.6  | 0.496 | 40   | 0     | 0.499  | 23.4 | -2    | 0.019  | 0   | 67.44  | 1        | 0.4987 | 0.93   | 0.4638 | 12.1 |
| 7  | 11:01 | 5.5  | 1.24  | 0.6  | 0.496 | 40   | 0     | 0.26   | 22.5 | -8    | 0.015  | 0   | 67.44  | 1        | 0.2595 | 0.62   | 0.1609 | 4.2  |
| 8  | 11:01 | 6    | 1.24  | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0.2595 | 0.31   | 0.0805 | 2.1  |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 1   | 0    | 2      | 31     | 1.05      | -0.154    | 1.109 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 60.2 | 169        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 1   | 0    | 12     | 31     | 0.971     | -0.164    | 1.109 | 0.033     | 0.03      | 0         | 57.2 | 58.9 | 60.6 | 167        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 0    | 22     | 31     | 0.997     | -0.089    | 1.109 | 0.036     | 0.033     | 0         | 58   | 58.5 | 59.8 | 168        | 170        | 0          | 33     | 34     |
| 2009 | 6     | 1   | 0    | 32     | 31     | 0.965     | -0.075    | 1.109 | 0.036     | 0.033     | 0         | 57.6 | 58.5 | 60.6 | 167        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 0    | 42     | 31     | 1.086     | -0.164    | 1.109 | 0.039     | 0.039     | 0         | 57.6 | 58.9 | 59.3 | 168        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 0    | 52     | 31     | 1.043     | -0.085    | 1.109 | 0.036     | 0.033     | 0         | 57.2 | 58.5 | 60.6 | 167        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 1    | 2      | 31     | 0.991     | -0.131    | 1.109 | 0.036     | 0.033     | 0         | 58   | 59.8 | 59.3 | 169        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 1    | 12     | 31     | 0.978     | -0.138    | 1.109 | 0.036     | 0.033     | 0         | 57.6 | 58   | 61.9 | 167        | 169        | 0          | 33     | 34     |
| 2009 | 6     | 1   | 1    | 22     | 31     | 1.02      | -0.128    | 1.109 | 0.036     | 0.033     | 0         | 57.2 | 59.3 | 59.8 | 167        | 170        | 0          | 34     | 32     |
| 2009 | 6     | 1   | 1    | 32     | 31     | 1.004     | -0.144    | 1.106 | 0.03      | 0.03      | 0         | 57.6 | 59.3 | 60.2 | 168        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 1    | 42     | 31     | 1.037     | -0.052    | 1.109 | 0.039     | 0.036     | 0         | 57.2 | 58.5 | 61.1 | 167        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 1    | 52     | 31     | 0.955     | -0.174    | 1.109 | 0.033     | 0.03      | 0         | 57.6 | 58.5 | 60.6 | 167        | 170        | 0          | 33     | 34     |
| 2009 | 6     | 1   | 2    | 2      | 31     | 0.984     | -0.131    | 1.109 | 0.036     | 0.033     | 0         | 57.2 | 58   | 60.6 | 167        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 2    | 12     | 31     | 0.948     | -0.105    | 1.109 | 0.039     | 0.039     | 0         | 57.2 | 58   | 60.6 | 167        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 2    | 22     | 31     | 0.994     | -0.102    | 1.109 | 0.033     | 0.03      | 0         | 57.6 | 59.3 | 60.6 | 168        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 2    | 32     | 31     | 0.984     | -0.102    | 1.109 | 0.033     | 0.03      | 0         | 57.6 | 58.9 | 60.6 | 167        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 2    | 42     | 31     | 0.997     | -0.174    | 1.109 | 0.033     | 0.03      | 0         | 56.8 | 58.5 | 62.8 | 166        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 2    | 52     | 31     | 1.037     | -0.072    | 1.109 | 0.036     | 0.033     | 0         | 57.2 | 58   | 62.8 | 166        | 169        | 0          | 33     | 34     |
| 2009 | 6     | 1   | 3    | 2      | 31     | 0.984     | -0.098    | 1.109 | 0.033     | 0.03      | 0         | 57.2 | 58   | 62.4 | 166        | 169        | 0          | 33     | 34     |
| 2009 | 6     | 1   | 3    | 12     | 31     | 0.965     | -0.043    | 1.109 | 0.033     | 0.03      | 0         | 56.8 | 58   | 62.8 | 166        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 3    | 22     | 31     | 0.961     | -0.079    | 1.109 | 0.039     | 0.039     | 0         | 57.2 | 58.5 | 64.1 | 166        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 3    | 32     | 31     | 0.974     | -0.098    | 1.109 | 0.033     | 0.033     | 0         | 57.2 | 58   | 63.2 | 166        | 169        | 0          | 33     | 34     |
| 2009 | 6     | 1   | 3    | 42     | 31     | 0.991     | -0.125    | 1.109 | 0.036     | 0.033     | 0         | 56.8 | 58.9 | 62.4 | 166        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 3    | 52     | 31     | 0.925     | -0.131    | 1.109 | 0.033     | 0.03      | 0         | 57.2 | 58   | 63.2 | 167        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 4    | 2      | 31     | 1.024     | -0.157    | 1.109 | 0.036     | 0.033     | 0         | 56.8 | 57.6 | 63.6 | 165        | 168        | 0          | 33     | 34     |
| 2009 | 6     | 1   | 4    | 12     | 31     | 1.056     | -0.121    | 1.109 | 0.036     | 0.033     | 0         | 56.8 | 58   | 64.1 | 166        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 4    | 22     | 31     | 0.978     | -0.161    | 1.109 | 0.036     | 0.033     | 0         | 57.2 | 58.5 | 63.6 | 167        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 4    | 32     | 31     | 0.942     | -0.164    | 1.109 | 0.039     | 0.039     | 0         | 56.8 | 58   | 64.1 | 166        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 4    | 42     | 31     | 0.984     | -0.098    | 1.109 | 0.033     | 0.03      | 0         | 57.2 | 58.9 | 61.1 | 167        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 4    | 52     | 31     | 1.017     | -0.098    | 1.109 | 0.046     | 0.043     | 0         | 57.6 | 58.9 | 61.5 | 168        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 5    | 2      | 31     | 1.004     | -0.128    | 1.109 | 0.036     | 0.033     | 0         | 57.6 | 58.5 | 61.5 | 167        | 170        | 0          | 33     | 34     |
| 2009 | 6     | 1   | 5    | 12     | 31     | 1.01      | -0.092    | 1.109 | 0.033     | 0.03      | 0         | 56.8 | 58   | 63.2 | 166        | 168        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 5    | 22     | 31     | 0.994     | -0.135    | 1.109 | 0.039     | 0.036     | 0         | 57.2 | 59.3 | 61.5 | 168        | 172        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 5    | 32     | 31     | 1.001     | -0.161    | 1.109 | 0.033     | 0.03      | 0         | 57.2 | 58.5 | 61.9 | 166        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 5    | 42     | 31     | 1.024     | -0.059    | 1.109 | 0.036     | 0.033     | 0         | 57.2 | 57.6 | 64.1 | 166        | 168        | 0          | 33     | 34     |
| 2009 | 6     | 1   | 5    | 52     | 31     | 0.997     | -0.115    | 1.109 | 0.036     | 0.033     | 0         | 56.8 | 58   | 63.6 | 166        | 168        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 6    | 2      | 31     | 0.938     | -0.194    | 1.109 | 0.033     | 0.03      | 0         | 55.9 | 56.8 | 64.9 | 164        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 1   | 6    | 12     | 31     | 0.984     | -0.098    | 1.109 | 0.033     | 0.03      | 0         | 55.5 | 57.2 | 65.8 | 163        | 166        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 6    | 22     | 31     | 0.955     | -0.138    | 1.109 | 0.039     | 0.036     | 0         | 56.3 | 57.2 | 64.9 | 164        | 167        | 0          | 33     | 34     |
| 2009 | 6     | 1   | 6    | 32     | 31     | 0.948     | -0.089    | 1.109 | 0.036     | 0.033     | 0         | 55.9 | 57.6 | 64.9 | 164        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 6    | 42     | 31     | 0.988     | -0.187    | 1.109 | 0.036     | 0.033     | 0         | 55.9 | 57.2 | 65.8 | 164        | 166        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 6    | 52     | 31     | 1.056     | -0.226    | 1.109 | 0.033     | 0.03      | 0         | 55.9 | 57.6 | 64.1 | 165        | 168        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 7    | 2      | 31     | 0.988     | -0.115    | 1.109 | 0.036     | 0.033     | 0         | 56.8 | 57.6 | 64.1 | 165        | 168        | 0          | 33     | 34     |
| 2009 | 6     | 1   | 7    | 12     | 31     | 0.945     | -0.138    | 1.109 | 0.033     | 0.03      | 0         | 56.3 | 58   | 64.1 | 165        | 168        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 7    | 22     | 31     | 0.951     | -0.141    | 1.109 | 0.036     | 0.033     | 0         | 56.3 | 57.6 | 64.9 | 164        | 168        | 0          | 33     | 34     |
| 2009 | 6     | 1   | 7    | 32     | 31     | 1.014     | -0.164    | 1.109 | 0.039     | 0.036     | 0         | 57.2 | 58.9 | 63.6 | 167        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 7    | 42     | 31     | 0.945     | -0.144    | 1.109 | 0.039     | 0.036     | 0         | 57.2 | 58   | 63.2 | 166        | 169        | 0          | 33     | 34     |
| 2009 | 6     | 1   | 7    | 52     | 31     | 0.951     | -0.118    | 1.109 | 0.033     | 0.03      | 0         | 56.8 | 58   | 64.9 | 166        | 169        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 1   | 8    | 2      | 31     | 1.02      | -0.131    | 1.109 | 0.033     | 0.03      | 0         | 56.3 | 57.6 | 63.6 | 165        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 8    | 12     | 31     | 0.981     | -0.154    | 1.109 | 0.033     | 0.03      | 0         | 57.2 | 58.5 | 64.1 | 167        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 8    | 22     | 31     | 0.938     | -0.138    | 1.109 | 0.033     | 0.03      | 0         | 57.2 | 58.9 | 64.1 | 167        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 8    | 32     | 31     | 0.945     | -0.069    | 1.109 | 0.033     | 0.03      | 0         | 57.2 | 58   | 64.1 | 167        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 8    | 42     | 31     | 0.978     | -0.18     | 1.109 | 0.036     | 0.033     | 0         | 56.8 | 58   | 64.5 | 166        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 8    | 52     | 31     | 1.014     | -0.18     | 1.109 | 0.033     | 0.03      | 0         | 57.2 | 58.9 | 63.6 | 167        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 9    | 2      | 31     | 0.942     | -0.167    | 1.109 | 0.039     | 0.036     | 0         | 56.8 | 58   | 65.4 | 166        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 9    | 12     | 31     | 1.03      | -0.157    | 1.109 | 0.036     | 0.033     | 0         | 57.6 | 58.5 | 64.5 | 167        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 9    | 22     | 31     | 0.948     | -0.135    | 1.109 | 0.036     | 0.033     | 0         | 57.2 | 58   | 64.9 | 167        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 9    | 32     | 31     | 1.014     | -0.144    | 1.109 | 0.039     | 0.036     | 0         | 58   | 58.9 | 63.2 | 168        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 9    | 42     | 31     | 0.922     | -0.098    | 1.109 | 0.036     | 0.033     | 0         | 57.2 | 58   | 64.1 | 166        | 168        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 9    | 52     | 31     | 0.945     | -0.105    | 1.109 | 0.036     | 0.033     | 0         | 56.3 | 57.6 | 64.9 | 165        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 10   | 2      | 31     | 0.961     | -0.164    | 1.109 | 0.039     | 0.036     | 0         | 57.2 | 58.5 | 63.6 | 166        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 10   | 12     | 31     | 1.05      | -0.095    | 1.109 | 0.033     | 0.03      | 0         | 56.3 | 57.6 | 65.4 | 165        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 10   | 22     | 31     | 0.988     | -0.161    | 1.109 | 0.039     | 0.039     | 0         | 56.8 | 58   | 65.8 | 165        | 168        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 10   | 32     | 31     | 0.948     | -0.112    | 1.109 | 0.033     | 0.03      | 0         | 57.6 | 58.5 | 63.2 | 168        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 10   | 42     | 31     | 0.958     | -0.121    | 1.109 | 0.033     | 0.03      | 0         | 57.2 | 58.5 | 64.1 | 167        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 10   | 52     | 31     | 1.04      | -0.131    | 1.109 | 0.036     | 0.033     | 0         | 58   | 59.3 | 62.8 | 169        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 11   | 2      | 31     | 1.014     | -0.128    | 1.109 | 0.033     | 0.03      | 0         | 57.2 | 58.5 | 64.5 | 167        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 11   | 12     | 31     | 0.958     | -0.135    | 1.109 | 0.036     | 0.033     | 0         | 58   | 59.3 | 63.2 | 168        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 11   | 22     | 31     | 0.971     | -0.089    | 1.109 | 0.036     | 0.033     | 0         | 58.5 | 59.3 | 62.8 | 169        | 172        | 0          | 33     | 34     |
| 2009 | 6     | 1   | 11   | 32     | 31     | 0.922     | -0.095    | 1.109 | 0.03      | 0.03      | 0         | 58.5 | 59.8 | 61.9 | 169        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 11   | 42     | 31     | 0.988     | -0.079    | 1.109 | 0.039     | 0.039     | 0         | 58.9 | 61.1 | 60.6 | 171        | 174        | 0          | 34     | 32     |
| 2009 | 6     | 1   | 11   | 52     | 31     | 1.053     | -0.092    | 1.106 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 61.5 | 170        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 12   | 2      | 31     | 0.971     | -0.026    | 1.106 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 61.1 | 171        | 173        | 0          | 32     | 32     |
| 2009 | 6     | 1   | 12   | 12     | 31     | 1.063     | -0.062    | 1.106 | 0.039     | 0.036     | 0         | 58.9 | 61.1 | 60.2 | 171        | 174        | 0          | 34     | 32     |
| 2009 | 6     | 1   | 12   | 22     | 31     | 0.892     | -0.079    | 1.102 | 0.033     | 0.03      | 0         | 59.3 | 61.1 | 59.3 | 171        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 12   | 32     | 31     | 0.932     | 0         | 1.102 | 0.036     | 0.033     | 0         | 59.8 | 61.1 | 59.3 | 172        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 12   | 42     | 31     | 0.935     | -0.069    | 1.102 | 0.036     | 0.033     | 0         | 59.3 | 60.6 | 61.1 | 171        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 12   | 52     | 31     | 0.981     | -0.039    | 1.099 | 0.033     | 0.03      | 0         | 60.2 | 61.5 | 60.2 | 173        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 13   | 2      | 31     | 0.984     | 0.02      | 1.099 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 57.6 | 174        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 13   | 12     | 31     | 1.001     | -0.095    | 1.099 | 0.039     | 0.036     | 0         | 60.2 | 61.5 | 59.3 | 173        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 13   | 22     | 31     | 1.037     | -0.089    | 1.099 | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 59.3 | 172        | 175        | 0          | 33     | 34     |
| 2009 | 6     | 1   | 13   | 32     | 31     | 0.974     | -0.046    | 1.099 | 0.039     | 0.039     | 0         | 58.5 | 60.2 | 60.2 | 169        | 172        | 0          | 33     | 32     |
| 2009 | 6     | 1   | 13   | 42     | 31     | 0.958     | -0.075    | 1.099 | 0.03      | 0.03      | 0         | 58.9 | 59.8 | 60.6 | 170        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 13   | 52     | 31     | 0.948     | -0.066    | 1.099 | 0.039     | 0.036     | 0         | 59.3 | 60.6 | 59.8 | 171        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 1   | 14   | 2      | 31     | 0.899     | -0.085    | 1.099 | 0.039     | 0.036     | 0         | 58.5 | 59.8 | 60.2 | 170        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 14   | 12     | 31     | 0.945     | -0.03     | 1.099 | 0.036     | 0.033     | 0         | 58.5 | 60.2 | 60.6 | 170        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 14   | 22     | 31     | 0.955     | -0.102    | 1.099 | 0.036     | 0.033     | 0         | 58   | 60.2 | 59.8 | 169        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 14   | 32     | 31     | 0.988     | -0.075    | 1.099 | 0.039     | 0.036     | 0         | 58.9 | 59.8 | 60.2 | 170        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 14   | 42     | 31     | 1.001     | -0.003    | 1.096 | 0.043     | 0.043     | 0         | 59.3 | 61.1 | 59.8 | 171        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 1   | 14   | 52     | 31     | 0.948     | 0.043     | 1.099 | 0.036     | 0.033     | 0         | 59.3 | 60.6 | 60.6 | 171        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 1   | 15   | 2      | 31     | 0.922     | -0.007    | 1.099 | 0.036     | 0.033     | 0         | 59.3 | 59.8 | 60.6 | 171        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 15   | 12     | 31     | 0.958     | -0.072    | 1.099 | 0.036     | 0.033     | 0         | 58.9 | 59.3 | 60.2 | 170        | 172        | 0          | 33     | 34     |
| 2009 | 6     | 1   | 15   | 22     | 31     | 1.004     | -0.052    | 1.096 | 0.039     | 0.036     | 0         | 58.5 | 58.9 | 59.8 | 169        | 171        | 0          | 33     | 34     |
| 2009 | 6     | 1   | 15   | 32     | 31     | 0.932     | -0.007    | 1.099 | 0.046     | 0.043     | 0         | 62.8 | 64.5 | 52.9 | 179        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 15   | 42     | 31     | 0.935     | 0.125     | 1.096 | 0.046     | 0.046     | 0         | 64.1 | 65.8 | 51.2 | 182        | 186        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 15   | 52     | 31     | 0.948     | 0.118     | 1.096 | 0.039     | 0.039     | 0         | 62.4 | 63.2 | 56.3 | 177        | 180        | 0          | 32     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 1   | 16   | 2      | 31     | 0.965     | 0.236     | 1.096 | 0.043     | 0.039     | 0         | 60.6 | 62.4 | 58   | 175        | 178        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 16   | 12     | 31     | 0.932     | 0.131     | 1.096 | 0.043     | 0.039     | 0         | 59.8 | 61.5 | 58   | 173        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 16   | 22     | 31     | 0.948     | 0.075     | 1.096 | 0.036     | 0.033     | 0         | 59.8 | 61.1 | 59.8 | 172        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 16   | 32     | 31     | 0.942     | 0.098     | 1.093 | 0.039     | 0.036     | 0         | 59.8 | 61.1 | 60.2 | 172        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 1   | 16   | 42     | 31     | 0.942     | 0.023     | 1.093 | 0.046     | 0.043     | 0         | 58.9 | 60.6 | 60.2 | 171        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 16   | 52     | 31     | 0.899     | 0.148     | 1.089 | 0.046     | 0.043     | 0         | 58.9 | 60.6 | 59.8 | 171        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 17   | 2      | 31     | 0.883     | 0.043     | 1.089 | 0.039     | 0.039     | 0         | 58.9 | 60.6 | 58.5 | 171        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 17   | 12     | 31     | 0.906     | 0.079     | 1.089 | 0.039     | 0.036     | 0         | 58.9 | 60.2 | 58.5 | 170        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 17   | 22     | 31     | 0.938     | 0.062     | 1.089 | 0.039     | 0.039     | 0         | 58.5 | 60.2 | 60.2 | 170        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 17   | 32     | 31     | 0.889     | -0.043    | 1.089 | 0.039     | 0.039     | 0         | 59.3 | 61.1 | 60.2 | 172        | 174        | 0          | 34     | 32     |
| 2009 | 6     | 1   | 17   | 42     | 31     | 0.928     | 0.043     | 1.086 | 0.039     | 0.039     | 0         | 59.3 | 60.6 | 61.5 | 171        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 1   | 17   | 52     | 31     | 0.886     | -0.003    | 1.086 | 0.043     | 0.039     | 0         | 58.5 | 59.8 | 62.8 | 169        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 18   | 2      | 31     | 0.863     | -0.085    | 1.086 | 0.046     | 0.043     | 0         | 58.5 | 60.2 | 62.4 | 170        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 18   | 12     | 31     | 0.932     | 0.013     | 1.086 | 0.043     | 0.039     | 0         | 58.9 | 59.8 | 62.8 | 170        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 18   | 22     | 31     | 0.961     | -0.052    | 1.086 | 0.043     | 0.039     | 0         | 58.5 | 58.9 | 63.2 | 169        | 171        | 0          | 33     | 34     |
| 2009 | 6     | 1   | 18   | 32     | 31     | 0.945     | -0.072    | 1.086 | 0.043     | 0.039     | 0         | 58.5 | 59.3 | 62.8 | 169        | 172        | 0          | 33     | 34     |
| 2009 | 6     | 1   | 18   | 42     | 31     | 0.876     | -0.03     | 1.086 | 0.046     | 0.046     | 0         | 58   | 58.9 | 64.1 | 169        | 171        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 18   | 52     | 31     | 0.951     | -0.023    | 1.086 | 0.043     | 0.039     | 0         | 58.5 | 60.2 | 62.4 | 170        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 19   | 2      | 31     | 0.892     | -0.125    | 1.083 | 0.039     | 0.036     | 0         | 58.5 | 58.9 | 63.2 | 169        | 171        | 0          | 33     | 34     |
| 2009 | 6     | 1   | 19   | 12     | 31     | 0.922     | -0.052    | 1.083 | 0.043     | 0.039     | 0         | 58   | 58.9 | 64.1 | 168        | 171        | 0          | 33     | 34     |
| 2009 | 6     | 1   | 19   | 22     | 31     | 0.988     | -0.118    | 1.083 | 0.039     | 0.036     | 0         | 58.5 | 59.8 | 64.1 | 169        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 19   | 32     | 31     | 0.85      | -0.098    | 1.083 | 0.039     | 0.036     | 0         | 58   | 59.3 | 64.5 | 168        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 19   | 42     | 31     | 0.915     | -0.105    | 1.083 | 0.039     | 0.039     | 0         | 58.9 | 60.6 | 63.2 | 171        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 19   | 52     | 31     | 0.994     | -0.082    | 1.083 | 0.043     | 0.039     | 0         | 58.9 | 60.2 | 63.6 | 170        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 20   | 2      | 31     | 0.869     | -0.072    | 1.083 | 0.043     | 0.039     | 0         | 58   | 60.2 | 63.6 | 168        | 172        | 0          | 33     | 32     |
| 2009 | 6     | 1   | 20   | 12     | 31     | 0.945     | -0.043    | 1.083 | 0.039     | 0.036     | 0         | 58   | 59.3 | 63.2 | 168        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 20   | 22     | 31     | 0.876     | -0.141    | 1.079 | 0.039     | 0.036     | 0         | 58.5 | 60.2 | 61.9 | 170        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 20   | 32     | 31     | 0.85      | -0.203    | 1.079 | 0.036     | 0.033     | 0         | 59.3 | 61.1 | 61.1 | 172        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 20   | 42     | 31     | 0.909     | -0.013    | 1.079 | 0.046     | 0.046     | 0         | 59.8 | 60.6 | 61.9 | 173        | 175        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 20   | 52     | 31     | 0.902     | -0.121    | 1.079 | 0.036     | 0.033     | 0         | 58.5 | 60.2 | 61.5 | 170        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 21   | 2      | 31     | 0.909     | -0.141    | 1.079 | 0.043     | 0.039     | 0         | 58.5 | 59.8 | 61.9 | 170        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 21   | 12     | 31     | 0.925     | -0.092    | 1.079 | 0.039     | 0.039     | 0         | 59.3 | 60.2 | 61.1 | 171        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 21   | 22     | 31     | 0.892     | -0.118    | 1.079 | 0.036     | 0.033     | 0         | 58.5 | 59.8 | 61.9 | 170        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 21   | 32     | 31     | 0.879     | -0.105    | 1.079 | 0.039     | 0.036     | 0         | 58   | 59.8 | 62.8 | 169        | 171        | 0          | 34     | 32     |
| 2009 | 6     | 1   | 21   | 42     | 31     | 0.863     | -0.157    | 1.079 | 0.043     | 0.039     | 0         | 58.5 | 60.2 | 61.1 | 170        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 21   | 52     | 31     | 0.915     | -0.069    | 1.076 | 0.039     | 0.039     | 0         | 57.6 | 58.9 | 62.8 | 168        | 171        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 22   | 2      | 31     | 0.807     | -0.167    | 1.076 | 0.049     | 0.046     | 0         | 57.2 | 59.3 | 62.8 | 167        | 170        | 0          | 34     | 32     |
| 2009 | 6     | 1   | 22   | 12     | 31     | 0.879     | -0.164    | 1.076 | 0.039     | 0.039     | 0         | 57.6 | 58.5 | 62.8 | 167        | 170        | 0          | 33     | 34     |
| 2009 | 6     | 1   | 22   | 22     | 31     | 0.837     | -0.108    | 1.076 | 0.039     | 0.039     | 0         | 57.2 | 59.3 | 61.9 | 167        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 22   | 32     | 31     | 0.925     | -0.105    | 1.076 | 0.049     | 0.049     | 0         | 58   | 59.3 | 62.8 | 168        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 22   | 42     | 31     | 0.814     | -0.115    | 1.076 | 0.039     | 0.039     | 0         | 57.6 | 58.9 | 63.6 | 167        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 22   | 52     | 31     | 0.899     | -0.075    | 1.076 | 0.039     | 0.039     | 0         | 57.6 | 58.9 | 64.1 | 167        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 23   | 2      | 31     | 0.896     | -0.023    | 1.076 | 0.036     | 0.033     | 0         | 58   | 58.5 | 63.6 | 168        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 23   | 12     | 31     | 0.889     | -0.075    | 1.076 | 0.043     | 0.043     | 0         | 57.2 | 58.5 | 63.2 | 166        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 23   | 22     | 31     | 0.866     | -0.118    | 1.076 | 0.039     | 0.039     | 0         | 56.8 | 58.5 | 63.2 | 166        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 23   | 32     | 31     | 0.86      | -0.112    | 1.076 | 0.043     | 0.039     | 0         | 56.8 | 58   | 62.8 | 166        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 23   | 42     | 31     | 0.82      | -0.131    | 1.073 | 0.033     | 0.03      | 0         | 57.2 | 58.5 | 62.4 | 167        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 23   | 52     | 31     | 0.879     | -0.092    | 1.073 | 0.039     | 0.036     | 0         | 57.2 | 58.5 | 63.2 | 167        | 169        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 2   | 0    | 2      | 31     | 0.942     | -0.135    | 1.073 | 0.043     | 0.039     | 0         | 57.6 | 58.9 | 62.4 | 167        | 171        | 0          | 33     | 34     |
| 2009 | 6     | 2   | 0    | 12     | 31     | 0.853     | -0.105    | 1.073 | 0.039     | 0.036     | 0         | 57.6 | 58   | 62.8 | 167        | 169        | 0          | 33     | 34     |
| 2009 | 6     | 2   | 0    | 22     | 31     | 0.902     | -0.115    | 1.073 | 0.036     | 0.033     | 0         | 57.2 | 58.5 | 60.6 | 166        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 0    | 32     | 31     | 0.833     | -0.013    | 1.073 | 0.043     | 0.039     | 0         | 57.2 | 58   | 62.4 | 167        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 0    | 42     | 31     | 0.84      | -0.118    | 1.073 | 0.039     | 0.039     | 0         | 57.2 | 58.9 | 61.9 | 167        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 0    | 52     | 31     | 0.863     | -0.056    | 1.07  | 0.043     | 0.039     | 0         | 56.8 | 58.5 | 61.5 | 166        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 1    | 2      | 31     | 0.807     | -0.072    | 1.07  | 0.039     | 0.036     | 0         | 57.2 | 58   | 61.5 | 166        | 169        | 0          | 33     | 34     |
| 2009 | 6     | 2   | 1    | 12     | 31     | 0.866     | -0.082    | 1.07  | 0.039     | 0.039     | 0         | 56.8 | 58.5 | 60.6 | 166        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 1    | 22     | 31     | 0.86      | -0.118    | 1.07  | 0.033     | 0.03      | 0         | 57.2 | 58.5 | 61.9 | 166        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 1    | 32     | 31     | 0.85      | -0.085    | 1.07  | 0.039     | 0.039     | 0         | 57.6 | 58.9 | 59.3 | 167        | 171        | 0          | 33     | 34     |
| 2009 | 6     | 2   | 1    | 42     | 31     | 0.886     | -0.18     | 1.07  | 0.039     | 0.039     | 0         | 57.2 | 58   | 61.1 | 166        | 169        | 0          | 33     | 34     |
| 2009 | 6     | 2   | 1    | 52     | 31     | 0.801     | -0.125    | 1.07  | 0.036     | 0.033     | 0         | 57.6 | 58.9 | 59.8 | 168        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 2    | 2      | 31     | 0.873     | -0.115    | 1.07  | 0.043     | 0.039     | 0         | 56.3 | 58.5 | 60.6 | 165        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 2    | 12     | 31     | 0.853     | -0.069    | 1.07  | 0.039     | 0.036     | 0         | 57.2 | 58.9 | 59.3 | 167        | 171        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 2    | 22     | 31     | 0.823     | -0.105    | 1.066 | 0.039     | 0.036     | 0         | 57.2 | 58   | 59.3 | 166        | 169        | 0          | 33     | 34     |
| 2009 | 6     | 2   | 2    | 32     | 31     | 0.837     | -0.105    | 1.066 | 0.039     | 0.036     | 0         | 57.2 | 57.6 | 60.2 | 166        | 168        | 0          | 33     | 34     |
| 2009 | 6     | 2   | 2    | 42     | 31     | 0.804     | -0.075    | 1.066 | 0.039     | 0.036     | 0         | 56.3 | 58   | 61.5 | 165        | 168        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 2    | 52     | 31     | 0.82      | -0.059    | 1.066 | 0.039     | 0.039     | 0         | 57.2 | 58   | 59.8 | 166        | 169        | 0          | 33     | 34     |
| 2009 | 6     | 2   | 3    | 2      | 31     | 0.837     | -0.128    | 1.063 | 0.039     | 0.039     | 0         | 56.3 | 57.6 | 59.3 | 165        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 3    | 12     | 31     | 0.794     | -0.102    | 1.066 | 0.039     | 0.036     | 0         | 56.3 | 57.6 | 61.1 | 165        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 3    | 22     | 31     | 0.889     | -0.135    | 1.063 | 0.039     | 0.036     | 0         | 56.3 | 57.2 | 59.8 | 165        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 3    | 32     | 31     | 0.823     | -0.121    | 1.063 | 0.043     | 0.039     | 0         | 57.2 | 58.5 | 58.9 | 166        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 3    | 42     | 31     | 0.86      | -0.197    | 1.063 | 0.036     | 0.033     | 0         | 56.3 | 57.2 | 60.2 | 165        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 3    | 52     | 31     | 0.843     | -0.102    | 1.063 | 0.039     | 0.036     | 0         | 56.8 | 58   | 59.8 | 165        | 168        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 4    | 2      | 31     | 0.833     | -0.007    | 1.063 | 0.039     | 0.039     | 0         | 56.3 | 57.2 | 61.5 | 165        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 4    | 12     | 31     | 0.837     | -0.161    | 1.063 | 0.039     | 0.039     | 0         | 56.3 | 57.2 | 61.1 | 165        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 4    | 22     | 31     | 0.863     | -0.095    | 1.063 | 0.039     | 0.039     | 0         | 55.5 | 57.2 | 61.9 | 163        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 4    | 32     | 31     | 0.83      | -0.085    | 1.063 | 0.039     | 0.036     | 0         | 55.9 | 57.2 | 62.4 | 164        | 166        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 4    | 42     | 31     | 0.863     | -0.102    | 1.063 | 0.039     | 0.039     | 0         | 55.5 | 57.6 | 62.8 | 163        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 4    | 52     | 31     | 0.856     | -0.121    | 1.063 | 0.036     | 0.033     | 0         | 55.9 | 57.6 | 62.4 | 164        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 5    | 2      | 31     | 0.771     | -0.062    | 1.063 | 0.036     | 0.033     | 0         | 56.3 | 56.8 | 62.8 | 164        | 166        | 0          | 33     | 34     |
| 2009 | 6     | 2   | 5    | 12     | 31     | 0.827     | -0.095    | 1.063 | 0.039     | 0.039     | 0         | 56.3 | 57.6 | 62.8 | 164        | 167        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 5    | 22     | 31     | 0.86      | -0.141    | 1.06  | 0.039     | 0.039     | 0         | 55.9 | 57.6 | 61.5 | 163        | 167        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 5    | 32     | 31     | 0.778     | -0.151    | 1.06  | 0.036     | 0.033     | 0         | 55.9 | 57.6 | 60.6 | 163        | 168        | 0          | 33     | 34     |
| 2009 | 6     | 2   | 5    | 42     | 31     | 0.787     | -0.128    | 1.06  | 0.039     | 0.036     | 0         | 55.9 | 57.2 | 61.9 | 164        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 5    | 52     | 31     | 0.814     | -0.135    | 1.063 | 0.036     | 0.033     | 0         | 55   | 56.8 | 63.2 | 162        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 6    | 2      | 31     | 0.827     | -0.102    | 1.06  | 0.033     | 0.03      | 0         | 55.5 | 56.8 | 61.9 | 163        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 6    | 12     | 31     | 0.797     | -0.135    | 1.063 | 0.039     | 0.036     | 0         | 54.6 | 56.3 | 64.1 | 161        | 164        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 6    | 22     | 31     | 0.804     | -0.102    | 1.063 | 0.046     | 0.043     | 0         | 55   | 57.2 | 63.2 | 162        | 166        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 6    | 32     | 31     | 0.896     | -0.128    | 1.06  | 0.046     | 0.043     | 0         | 54.6 | 55.9 | 65.4 | 161        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 6    | 42     | 31     | 0.83      | -0.135    | 1.06  | 0.036     | 0.033     | 0         | 54.2 | 55.9 | 64.5 | 160        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 6    | 52     | 31     | 0.791     | -0.075    | 1.056 | 0.036     | 0.033     | 0         | 55   | 56.8 | 64.5 | 162        | 165        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 7    | 2      | 31     | 0.837     | -0.167    | 1.06  | 0.039     | 0.039     | 0         | 54.6 | 56.3 | 64.1 | 161        | 164        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 7    | 12     | 31     | 0.883     | -0.007    | 1.056 | 0.039     | 0.039     | 0         | 55.5 | 56.8 | 62.4 | 163        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 7    | 22     | 31     | 0.791     | -0.046    | 1.053 | 0.039     | 0.039     | 0         | 55   | 56.3 | 64.1 | 161        | 165        | 0          | 33     | 34     |
| 2009 | 6     | 2   | 7    | 32     | 31     | 0.774     | -0.03     | 1.053 | 0.036     | 0.033     | 0         | 54.6 | 56.8 | 64.1 | 161        | 165        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 7    | 42     | 31     | 0.784     | -0.079    | 1.053 | 0.039     | 0.039     | 0         | 55   | 56.3 | 64.5 | 162        | 165        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 7    | 52     | 31     | 0.84      | -0.098    | 1.053 | 0.039     | 0.036     | 0         | 54.6 | 55.5 | 64.5 | 161        | 163        | 0          | 34     | 34     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 2   | 8    | 2      | 31     | 0.843     | -0.062    | 1.05  | 0.036     | 0.033     | 0         | 54.6 | 55.9 | 64.1 | 161        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 8    | 12     | 31     | 0.797     | -0.089    | 1.05  | 0.043     | 0.039     | 0         | 54.6 | 55.9 | 64.9 | 161        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 8    | 22     | 31     | 0.827     | -0.102    | 1.05  | 0.039     | 0.039     | 0         | 54.6 | 56.8 | 64.1 | 161        | 165        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 8    | 32     | 31     | 0.807     | -0.2      | 1.05  | 0.039     | 0.036     | 0         | 54.6 | 55.9 | 64.5 | 161        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 8    | 42     | 31     | 0.761     | -0.079    | 1.05  | 0.039     | 0.039     | 0         | 55   | 57.2 | 64.5 | 162        | 166        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 8    | 52     | 31     | 0.84      | -0.075    | 1.047 | 0.036     | 0.033     | 0         | 54.6 | 56.8 | 64.5 | 161        | 165        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 9    | 2      | 31     | 0.82      | -0.075    | 1.05  | 0.039     | 0.036     | 0         | 55.5 | 56.8 | 65.4 | 162        | 166        | 0          | 33     | 34     |
| 2009 | 6     | 2   | 9    | 12     | 31     | 0.768     | -0.062    | 1.047 | 0.036     | 0.033     | 0         | 53.8 | 55.9 | 65.8 | 159        | 163        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 9    | 22     | 31     | 0.837     | -0.066    | 1.047 | 0.036     | 0.033     | 0         | 54.6 | 56.8 | 66.7 | 161        | 165        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 9    | 32     | 31     | 0.837     | -0.072    | 1.047 | 0.039     | 0.036     | 0         | 54.6 | 56.3 | 66.7 | 161        | 164        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 9    | 42     | 31     | 0.837     | -0.138    | 1.047 | 0.039     | 0.036     | 0         | 55   | 56.8 | 67.1 | 161        | 165        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 9    | 52     | 31     | 0.781     | -0.089    | 1.043 | 0.039     | 0.036     | 0         | 54.6 | 56.8 | 67.1 | 161        | 165        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 10   | 2      | 31     | 0.817     | -0.046    | 1.043 | 0.039     | 0.036     | 0         | 55.5 | 57.2 | 66.7 | 163        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 10   | 12     | 31     | 0.784     | -0.016    | 1.043 | 0.039     | 0.039     | 0         | 55.5 | 56.8 | 67.5 | 162        | 166        | 0          | 33     | 34     |
| 2009 | 6     | 2   | 10   | 22     | 31     | 0.761     | -0.066    | 1.043 | 0.039     | 0.036     | 0         | 55.5 | 57.2 | 67.5 | 162        | 166        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 10   | 32     | 31     | 0.764     | -0.092    | 1.043 | 0.036     | 0.033     | 0         | 55.9 | 57.2 | 66.7 | 163        | 166        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 10   | 42     | 31     | 0.801     | -0.033    | 1.04  | 0.043     | 0.039     | 0         | 56.8 | 58   | 66.2 | 165        | 168        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 10   | 52     | 31     | 0.807     | -0.052    | 1.04  | 0.036     | 0.033     | 0         | 56.3 | 58   | 65.8 | 164        | 168        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 11   | 2      | 31     | 0.787     | -0.089    | 1.04  | 0.049     | 0.046     | 0         | 56.8 | 57.6 | 67.5 | 165        | 167        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 11   | 12     | 31     | 0.781     | -0.052    | 1.04  | 0.039     | 0.036     | 0         | 55.9 | 57.6 | 66.2 | 164        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 11   | 22     | 31     | 0.784     | -0.112    | 1.04  | 0.039     | 0.039     | 0         | 57.2 | 58.9 | 64.9 | 167        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 11   | 32     | 31     | 0.797     | -0.052    | 1.037 | 0.039     | 0.036     | 0         | 57.6 | 59.8 | 62.4 | 168        | 171        | 0          | 34     | 32     |
| 2009 | 6     | 2   | 11   | 42     | 31     | 0.745     | -0.072    | 1.037 | 0.039     | 0.036     | 0         | 57.6 | 58.9 | 63.6 | 167        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 11   | 52     | 31     | 0.728     | -0.066    | 1.037 | 0.043     | 0.039     | 0         | 57.6 | 59.3 | 63.6 | 168        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 12   | 2      | 31     | 0.751     | -0.049    | 1.033 | 0.039     | 0.039     | 0         | 58.5 | 59.3 | 60.6 | 169        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 12   | 12     | 31     | 0.725     | 0.023     | 1.03  | 0.039     | 0.039     | 0         | 58.5 | 59.3 | 61.9 | 169        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 12   | 22     | 31     | 0.755     | -0.043    | 1.03  | 0.039     | 0.036     | 0         | 57.6 | 59.3 | 61.9 | 168        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 12   | 32     | 31     | 0.771     | 0.01      | 1.024 | 0.039     | 0.039     | 0         | 58.5 | 60.6 | 58.5 | 169        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 2   | 12   | 42     | 31     | 0.715     | -0.007    | 1.02  | 0.039     | 0.036     | 0         | 58.5 | 59.8 | 61.1 | 169        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 12   | 52     | 31     | 0.745     | -0.003    | 1.017 | 0.036     | 0.033     | 0         | 59.8 | 61.5 | 58.9 | 172        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 2   | 13   | 2      | 31     | 0.801     | -0.01     | 1.017 | 0.039     | 0.036     | 0         | 59.8 | 61.9 | 59.8 | 173        | 176        | 0          | 34     | 32     |
| 2009 | 6     | 2   | 13   | 12     | 31     | 0.719     | -0.01     | 1.014 | 0.039     | 0.036     | 0         | 59.8 | 61.1 | 58.5 | 172        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 13   | 22     | 31     | 0.682     | 0.095     | 1.014 | 0.039     | 0.039     | 0         | 59.8 | 61.1 | 58.5 | 172        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 13   | 32     | 31     | 0.768     | 0.003     | 1.014 | 0.039     | 0.036     | 0         | 58.9 | 61.9 | 61.5 | 171        | 176        | 0          | 34     | 32     |
| 2009 | 6     | 2   | 13   | 42     | 31     | 0.774     | 0.062     | 1.014 | 0.033     | 0.03      | 0         | 58.5 | 60.2 | 63.2 | 169        | 172        | 0          | 33     | 32     |
| 2009 | 6     | 2   | 13   | 52     | 31     | 0.709     | 0.026     | 1.01  | 0.039     | 0.036     | 0         | 58.5 | 59.8 | 63.6 | 169        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 14   | 2      | 31     | 0.725     | 0.164     | 1.01  | 0.043     | 0.039     | 0         | 58.5 | 60.2 | 60.6 | 169        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 14   | 12     | 31     | 0.741     | 0.052     | 1.01  | 0.039     | 0.036     | 0         | 58.9 | 61.1 | 61.5 | 170        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 2   | 14   | 22     | 31     | 0.712     | 0.069     | 1.01  | 0.049     | 0.046     | 0         | 59.8 | 61.5 | 60.6 | 172        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 14   | 32     | 31     | 0.748     | 0.007     | 1.01  | 0.039     | 0.039     | 0         | 62.4 | 63.6 | 57.6 | 177        | 181        | 0          | 32     | 33     |
| 2009 | 6     | 2   | 14   | 42     | 31     | 0.712     | 0.013     | 1.01  | 0.033     | 0.03      | 0         | 61.1 | 62.8 | 59.8 | 175        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 14   | 52     | 31     | 0.722     | 0.056     | 1.01  | 0.039     | 0.039     | 0         | 61.5 | 62.8 | 59.8 | 176        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 15   | 2      | 31     | 0.669     | 0.125     | 1.007 | 0.039     | 0.039     | 0         | 61.5 | 63.6 | 58.5 | 176        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 15   | 12     | 31     | 0.732     | 0         | 1.007 | 0.036     | 0.033     | 0         | 63.2 | 64.5 | 56.8 | 180        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 15   | 22     | 31     | 0.764     | 0.056     | 1.007 | 0.039     | 0.036     | 0         | 62.8 | 64.9 | 55.9 | 179        | 183        | 0          | 33     | 32     |
| 2009 | 6     | 2   | 15   | 32     | 31     | 0.738     | 0.023     | 1.007 | 0.039     | 0.036     | 0         | 63.2 | 64.9 | 57.2 | 180        | 184        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 15   | 42     | 31     | 0.676     | 0.089     | 1.007 | 0.039     | 0.036     | 0         | 62.8 | 64.9 | 56.3 | 179        | 183        | 0          | 33     | 32     |
| 2009 | 6     | 2   | 15   | 52     | 31     | 0.696     | 0.033     | 1.007 | 0.039     | 0.039     | 0         | 61.9 | 63.2 | 57.6 | 176        | 180        | 0          | 32     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 2   | 16   | 2      | 31     | 0.653     | 0.154     | 1.007 | 0.039     | 0.039     | 0         | 62.4 | 64.5 | 56.3 | 178        | 182        | 0          | 33     | 32     |
| 2009 | 6     | 2   | 16   | 12     | 31     | 0.686     | 0.131     | 1.007 | 0.046     | 0.043     | 0         | 61.1 | 63.2 | 58.9 | 175        | 179        | 0          | 33     | 32     |
| 2009 | 6     | 2   | 16   | 22     | 31     | 0.768     | 0.112     | 1.007 | 0.043     | 0.039     | 0         | 61.5 | 62.4 | 60.2 | 176        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 16   | 32     | 31     | 0.6       | 0.095     | 1.007 | 0.039     | 0.036     | 0         | 60.6 | 62.4 | 59.8 | 174        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 16   | 42     | 31     | 0.676     | 0.072     | 1.007 | 0.039     | 0.036     | 0         | 60.6 | 62.8 | 61.5 | 174        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 2   | 16   | 52     | 31     | 0.653     | 0.03      | 1.007 | 0.039     | 0.036     | 0         | 61.1 | 63.2 | 61.1 | 175        | 179        | 0          | 33     | 32     |
| 2009 | 6     | 2   | 17   | 2      | 31     | 0.702     | 0.049     | 1.007 | 0.039     | 0.039     | 0         | 61.5 | 63.2 | 59.8 | 177        | 180        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 17   | 12     | 31     | 0.669     | 0.026     | 1.007 | 0.043     | 0.039     | 0         | 60.2 | 61.9 | 62.8 | 173        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 17   | 22     | 31     | 0.699     | -0.023    | 1.007 | 0.039     | 0.039     | 0         | 62.4 | 63.6 | 57.6 | 178        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 17   | 32     | 31     | 0.623     | -0.049    | 1.007 | 0.039     | 0.039     | 0         | 61.5 | 62.8 | 60.6 | 176        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 17   | 42     | 31     | 0.745     | 0.092     | 1.004 | 0.046     | 0.043     | 0         | 59.3 | 61.1 | 62.4 | 171        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 17   | 52     | 31     | 0.607     | 0.069     | 1.004 | 0.046     | 0.043     | 0         | 60.2 | 61.9 | 57.2 | 174        | 177        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 18   | 2      | 31     | 0.633     | 0.02      | 1.004 | 0.043     | 0.039     | 0         | 59.3 | 61.1 | 61.1 | 171        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 18   | 12     | 31     | 0.758     | 0.03      | 1.004 | 0.043     | 0.039     | 0         | 59.8 | 61.5 | 59.8 | 172        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 18   | 22     | 31     | 0.689     | 0.046     | 1.001 | 0.036     | 0.033     | 0         | 60.2 | 61.9 | 59.8 | 173        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 2   | 18   | 32     | 31     | 0.653     | 0.049     | 1.001 | 0.039     | 0.036     | 0         | 58.9 | 61.5 | 60.6 | 171        | 175        | 0          | 34     | 32     |
| 2009 | 6     | 2   | 18   | 42     | 31     | 0.686     | -0.016    | 1.001 | 0.039     | 0.036     | 0         | 61.1 | 62.8 | 57.2 | 175        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 18   | 52     | 31     | 0.656     | -0.043    | 1.001 | 0.033     | 0.03      | 0         | 59.3 | 61.5 | 61.1 | 171        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 19   | 2      | 31     | 0.64      | -0.026    | 1.001 | 0.039     | 0.039     | 0         | 61.5 | 63.2 | 57.6 | 176        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 19   | 12     | 31     | 0.673     | -0.069    | 1.001 | 0.043     | 0.039     | 0         | 58.9 | 60.2 | 59.8 | 170        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 19   | 22     | 31     | 0.682     | 0.02      | 1.001 | 0.039     | 0.036     | 0         | 59.3 | 61.1 | 56.3 | 171        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 19   | 32     | 31     | 0.659     | 0         | 1.001 | 0.039     | 0.036     | 0         | 58.9 | 61.5 | 59.8 | 171        | 175        | 0          | 34     | 32     |
| 2009 | 6     | 2   | 19   | 42     | 31     | 0.692     | -0.036    | 1.001 | 0.033     | 0.03      | 0         | 58.9 | 60.6 | 61.9 | 170        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 19   | 52     | 31     | 0.745     | -0.033    | 1.001 | 0.039     | 0.039     | 0         | 59.3 | 61.1 | 61.9 | 171        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 20   | 2      | 31     | 0.594     | 0.043     | 1.001 | 0.036     | 0.033     | 0         | 58   | 59.8 | 61.5 | 168        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 20   | 12     | 31     | 0.656     | -0.066    | 1.001 | 0.036     | 0.033     | 0         | 59.3 | 61.5 | 60.2 | 171        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 20   | 22     | 31     | 0.705     | -0.066    | 0.997 | 0.039     | 0.036     | 0         | 57.6 | 59.8 | 61.1 | 168        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 20   | 32     | 31     | 0.676     | -0.066    | 0.997 | 0.043     | 0.039     | 0         | 58.5 | 60.6 | 60.6 | 169        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 20   | 42     | 31     | 0.709     | 0.013     | 0.997 | 0.043     | 0.039     | 0         | 59.8 | 62.4 | 60.6 | 173        | 178        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 20   | 52     | 31     | 0.63      | -0.095    | 0.997 | 0.036     | 0.033     | 0         | 58   | 60.2 | 61.1 | 168        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 21   | 2      | 31     | 0.758     | 0.02      | 0.997 | 0.043     | 0.039     | 0         | 59.3 | 61.5 | 59.3 | 171        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 21   | 12     | 31     | 0.702     | -0.007    | 0.997 | 0.039     | 0.039     | 0         | 58.5 | 60.6 | 60.2 | 169        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 21   | 22     | 31     | 0.699     | -0.02     | 0.997 | 0.039     | 0.039     | 0         | 58.9 | 61.1 | 55.5 | 171        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 21   | 32     | 31     | 0.656     | -0.043    | 0.997 | 0.039     | 0.039     | 0         | 58.5 | 60.6 | 60.6 | 170        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 21   | 42     | 31     | 0.656     | -0.121    | 0.997 | 0.049     | 0.046     | 0         | 58.5 | 60.6 | 61.1 | 169        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 21   | 52     | 31     | 0.715     | -0.003    | 0.997 | 0.036     | 0.033     | 0         | 57.6 | 60.2 | 62.4 | 167        | 172        | 0          | 33     | 32     |
| 2009 | 6     | 2   | 22   | 2      | 31     | 0.669     | -0.046    | 0.997 | 0.043     | 0.039     | 0         | 57.2 | 58.9 | 63.2 | 166        | 171        | 0          | 33     | 34     |
| 2009 | 6     | 2   | 22   | 12     | 31     | 0.646     | -0.079    | 0.997 | 0.043     | 0.039     | 0         | 58   | 60.6 | 61.1 | 169        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 22   | 22     | 31     | 0.686     | -0.033    | 0.997 | 0.039     | 0.039     | 0         | 57.2 | 59.8 | 63.6 | 167        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 22   | 32     | 31     | 0.689     | -0.046    | 0.997 | 0.039     | 0.039     | 0         | 58.9 | 60.6 | 61.9 | 170        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 22   | 42     | 31     | 0.64      | -0.079    | 0.997 | 0.033     | 0.03      | 0         | 58   | 59.8 | 62.8 | 168        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 22   | 52     | 31     | 0.702     | -0.079    | 0.997 | 0.039     | 0.039     | 0         | 58   | 60.2 | 63.6 | 168        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 23   | 2      | 31     | 0.702     | -0.043    | 0.997 | 0.043     | 0.039     | 0         | 56.8 | 58.9 | 64.9 | 166        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 23   | 12     | 31     | 0.633     | 0         | 0.997 | 0.039     | 0.039     | 0         | 56.8 | 59.3 | 63.2 | 166        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 23   | 22     | 31     | 0.633     | -0.036    | 0.997 | 0.049     | 0.049     | 0         | 58   | 60.6 | 62.8 | 169        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 23   | 32     | 31     | 0.732     | 0.003     | 0.997 | 0.039     | 0.036     | 0         | 57.6 | 60.2 | 62.8 | 167        | 172        | 0          | 33     | 32     |
| 2009 | 6     | 2   | 23   | 42     | 31     | 0.679     | -0.03     | 0.997 | 0.039     | 0.039     | 0         | 57.2 | 59.3 | 62.4 | 167        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 23   | 52     | 31     | 0.689     | -0.082    | 0.997 | 0.039     | 0.036     | 0         | 57.2 | 59.3 | 62.8 | 167        | 171        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 3   | 0    | 2      | 31     | 0.65      | -0.079    | 0.994 | 0.039     | 0.036     | 0         | 56.8 | 58.9 | 64.1 | 165        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 3   | 0    | 12     | 31     | 0.663     | -0.046    | 0.997 | 0.043     | 0.039     | 0         | 57.2 | 59.8 | 63.6 | 166        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 3   | 0    | 22     | 31     | 0.643     | -0.026    | 0.994 | 0.036     | 0.033     | 0         | 57.2 | 58.9 | 64.1 | 166        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 3   | 0    | 32     | 31     | 0.709     | -0.059    | 0.997 | 0.049     | 0.046     | 0         | 57.2 | 58.9 | 63.2 | 166        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 3   | 0    | 42     | 31     | 0.64      | -0.072    | 0.994 | 0.039     | 0.036     | 0         | 55.5 | 58.5 | 64.9 | 163        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 0    | 52     | 31     | 0.65      | -0.036    | 0.994 | 0.039     | 0.036     | 0         | 56.8 | 58   | 64.1 | 165        | 169        | 0          | 33     | 34     |
| 2009 | 6     | 3   | 1    | 2      | 31     | 0.653     | -0.052    | 0.994 | 0.039     | 0.036     | 0         | 55.9 | 57.6 | 64.1 | 163        | 168        | 0          | 33     | 34     |
| 2009 | 6     | 3   | 1    | 12     | 31     | 0.666     | -0.098    | 0.994 | 0.046     | 0.043     | 0         | 56.3 | 58.5 | 64.5 | 165        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 1    | 22     | 31     | 0.712     | -0.112    | 0.994 | 0.046     | 0.043     | 0         | 55.9 | 57.6 | 64.1 | 164        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 1    | 32     | 31     | 0.676     | -0.016    | 0.994 | 0.039     | 0.036     | 0         | 55.9 | 57.6 | 63.6 | 164        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 1    | 42     | 31     | 0.696     | -0.033    | 0.994 | 0.043     | 0.039     | 0         | 56.3 | 58   | 64.5 | 164        | 169        | 0          | 33     | 34     |
| 2009 | 6     | 3   | 1    | 52     | 31     | 0.679     | -0.066    | 0.994 | 0.039     | 0.039     | 0         | 56.3 | 58.9 | 63.6 | 165        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 2    | 2      | 31     | 0.728     | -0.033    | 0.994 | 0.033     | 0.03      | 0         | 55.9 | 58   | 64.1 | 164        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 2    | 12     | 31     | 0.676     | -0.066    | 0.994 | 0.039     | 0.036     | 0         | 57.2 | 59.3 | 63.2 | 166        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 3   | 2    | 22     | 31     | 0.659     | -0.036    | 0.994 | 0.039     | 0.039     | 0         | 56.3 | 58.5 | 64.5 | 165        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 2    | 32     | 31     | 0.656     | -0.138    | 0.994 | 0.039     | 0.039     | 0         | 55.9 | 57.6 | 64.9 | 164        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 2    | 42     | 31     | 0.614     | -0.082    | 0.994 | 0.043     | 0.039     | 0         | 55.9 | 58   | 64.1 | 163        | 169        | 0          | 33     | 34     |
| 2009 | 6     | 3   | 2    | 52     | 31     | 0.656     | -0.079    | 0.994 | 0.036     | 0.033     | 0         | 55.9 | 58   | 64.1 | 164        | 168        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 3    | 2      | 31     | 0.676     | -0.144    | 0.994 | 0.049     | 0.049     | 0         | 56.8 | 58.5 | 64.1 | 165        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 3   | 3    | 12     | 31     | 0.725     | -0.075    | 0.994 | 0.039     | 0.039     | 0         | 55.5 | 57.6 | 64.5 | 163        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 3    | 22     | 31     | 0.633     | -0.079    | 0.994 | 0.039     | 0.036     | 0         | 55.5 | 57.6 | 64.9 | 163        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 3    | 32     | 31     | 0.722     | -0.069    | 0.994 | 0.043     | 0.039     | 0         | 55.9 | 58   | 65.4 | 164        | 168        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 3    | 42     | 31     | 0.673     | -0.013    | 0.994 | 0.036     | 0.033     | 0         | 55.5 | 58   | 65.4 | 163        | 168        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 3    | 52     | 31     | 0.682     | -0.046    | 0.994 | 0.039     | 0.036     | 0         | 55   | 57.2 | 65.4 | 162        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 4    | 2      | 31     | 0.659     | -0.082    | 0.994 | 0.039     | 0.036     | 0         | 56.3 | 57.6 | 64.9 | 164        | 168        | 0          | 33     | 34     |
| 2009 | 6     | 3   | 4    | 12     | 31     | 0.702     | -0.112    | 0.994 | 0.039     | 0.036     | 0         | 55.5 | 58   | 63.6 | 163        | 168        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 4    | 22     | 31     | 0.702     | -0.102    | 0.994 | 0.033     | 0.03      | 0         | 55.5 | 58   | 64.5 | 163        | 168        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 4    | 32     | 31     | 0.633     | -0.056    | 0.994 | 0.043     | 0.039     | 0         | 55   | 56.8 | 64.9 | 162        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 3   | 4    | 42     | 31     | 0.659     | -0.095    | 0.994 | 0.036     | 0.033     | 0         | 55.5 | 57.6 | 64.5 | 163        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 4    | 52     | 31     | 0.627     | -0.049    | 0.994 | 0.043     | 0.039     | 0         | 55   | 57.6 | 65.4 | 161        | 167        | 0          | 33     | 33     |
| 2009 | 6     | 3   | 5    | 2      | 31     | 0.633     | -0.105    | 0.994 | 0.039     | 0.039     | 0         | 55.5 | 57.6 | 65.8 | 162        | 167        | 0          | 33     | 33     |
| 2009 | 6     | 3   | 5    | 12     | 31     | 0.63      | -0.125    | 0.994 | 0.039     | 0.036     | 0         | 55.5 | 57.2 | 65.8 | 162        | 166        | 0          | 33     | 33     |
| 2009 | 6     | 3   | 5    | 22     | 31     | 0.653     | -0.144    | 0.994 | 0.046     | 0.043     | 0         | 55.5 | 57.6 | 64.9 | 163        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 5    | 32     | 31     | 0.699     | -0.098    | 0.994 | 0.036     | 0.033     | 0         | 55.5 | 57.2 | 65.8 | 162        | 167        | 0          | 33     | 34     |
| 2009 | 6     | 3   | 5    | 42     | 31     | 0.696     | -0.095    | 0.994 | 0.039     | 0.039     | 0         | 54.6 | 56.3 | 66.2 | 161        | 165        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 5    | 52     | 31     | 0.686     | -0.112    | 0.991 | 0.043     | 0.039     | 0         | 55   | 57.2 | 65.4 | 161        | 166        | 0          | 33     | 33     |
| 2009 | 6     | 3   | 6    | 2      | 31     | 0.623     | -0.098    | 0.991 | 0.033     | 0.03      | 0         | 54.6 | 56.3 | 66.7 | 160        | 164        | 0          | 33     | 33     |
| 2009 | 6     | 3   | 6    | 12     | 31     | 0.676     | -0.033    | 0.991 | 0.039     | 0.036     | 0         | 53.8 | 55.5 | 66.7 | 158        | 163        | 0          | 33     | 34     |
| 2009 | 6     | 3   | 6    | 22     | 31     | 0.679     | -0.062    | 0.991 | 0.039     | 0.039     | 0         | 53.8 | 55.5 | 67.5 | 158        | 163        | 0          | 33     | 34     |
| 2009 | 6     | 3   | 6    | 32     | 31     | 0.627     | -0.056    | 0.991 | 0.039     | 0.036     | 0         | 53.3 | 55   | 67.5 | 158        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 6    | 42     | 31     | 0.673     | -0.062    | 0.991 | 0.046     | 0.043     | 0         | 53.3 | 55.9 | 67.5 | 158        | 163        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 6    | 52     | 31     | 0.712     | -0.092    | 0.991 | 0.039     | 0.036     | 0         | 53.3 | 55   | 67.5 | 158        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 7    | 2      | 31     | 0.689     | -0.135    | 0.991 | 0.033     | 0.03      | 0         | 53.3 | 55.9 | 67.1 | 158        | 163        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 7    | 12     | 31     | 0.673     | -0.069    | 0.991 | 0.043     | 0.039     | 0         | 52.9 | 55   | 67.1 | 157        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 7    | 22     | 31     | 0.673     | -0.095    | 0.991 | 0.033     | 0.03      | 0         | 53.3 | 55.5 | 67.1 | 158        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 7    | 32     | 31     | 0.63      | -0.026    | 0.991 | 0.033     | 0.03      | 0         | 53.3 | 55.9 | 64.5 | 158        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 7    | 42     | 31     | 0.656     | -0.112    | 0.991 | 0.036     | 0.033     | 0         | 53.8 | 55.9 | 64.1 | 159        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 7    | 52     | 31     | 0.741     | -0.066    | 0.991 | 0.039     | 0.036     | 0         | 54.2 | 55.5 | 65.8 | 159        | 163        | 0          | 33     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 3   | 8    | 2      | 31     | 0.656     | -0.095    | 0.991 | 0.039     | 0.039     | 0         | 53.8 | 55.9 | 66.2 | 159        | 163        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 8    | 12     | 31     | 0.702     | -0.125    | 0.991 | 0.033     | 0.03      | 0         | 53.3 | 55.5 | 65.4 | 158        | 162        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 8    | 22     | 31     | 0.719     | -0.092    | 0.991 | 0.036     | 0.033     | 0         | 53.3 | 55.9 | 65.8 | 158        | 163        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 8    | 32     | 31     | 0.669     | -0.112    | 0.991 | 0.049     | 0.046     | 0         | 52.9 | 55.5 | 64.9 | 157        | 162        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 8    | 42     | 31     | 0.636     | -0.135    | 0.988 | 0.036     | 0.033     | 0         | 53.8 | 55   | 63.2 | 158        | 162        | 0          | 33     | 34     |
| 2009 | 6     | 3   | 8    | 52     | 31     | 0.699     | -0.062    | 0.988 | 0.033     | 0.03      | 0         | 53.3 | 55.9 | 61.9 | 158        | 163        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 9    | 2      | 31     | 0.633     | -0.095    | 0.988 | 0.039     | 0.036     | 0         | 53.3 | 55   | 64.9 | 158        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 3   | 9    | 12     | 31     | 0.676     | -0.115    | 0.988 | 0.039     | 0.036     | 0         | 52.9 | 55.5 | 64.5 | 157        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 9    | 22     | 31     | 0.64      | -0.115    | 0.988 | 0.033     | 0.03      | 0         | 53.8 | 55.9 | 65.4 | 159        | 163        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 9    | 32     | 31     | 0.669     | -0.098    | 0.988 | 0.039     | 0.036     | 0         | 53.3 | 55.5 | 64.9 | 158        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 9    | 42     | 31     | 0.682     | -0.115    | 0.988 | 0.033     | 0.033     | 0         | 54.2 | 56.8 | 63.6 | 160        | 165        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 9    | 52     | 31     | 0.676     | -0.03     | 0.984 | 0.039     | 0.036     | 0         | 58.9 | 61.1 | 55   | 171        | 176        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 10   | 2      | 31     | 0.676     | 0.033     | 0.981 | 0.036     | 0.033     | 0         | 61.5 | 64.1 | 53.3 | 176        | 183        | 0          | 33     | 34     |
| 2009 | 6     | 3   | 10   | 12     | 31     | 0.627     | 0.016     | 0.984 | 0.039     | 0.036     | 0         | 59.8 | 61.9 | 55.5 | 172        | 178        | 0          | 33     | 34     |
| 2009 | 6     | 3   | 10   | 22     | 31     | 0.676     | 0.072     | 0.984 | 0.043     | 0.039     | 0         | 59.3 | 61.5 | 57.2 | 172        | 177        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 10   | 32     | 31     | 0.61      | 0.023     | 0.988 | 0.033     | 0.033     | 0         | 58   | 59.8 | 61.1 | 168        | 173        | 0          | 33     | 34     |
| 2009 | 6     | 3   | 10   | 42     | 31     | 0.646     | -0.016    | 0.988 | 0.033     | 0.03      | 0         | 57.2 | 59.8 | 61.1 | 168        | 173        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 10   | 52     | 31     | 0.64      | 0.026     | 0.988 | 0.033     | 0.03      | 0         | 56.3 | 58   | 62.4 | 165        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 11   | 2      | 31     | 0.689     | 0.069     | 0.988 | 0.039     | 0.036     | 0         | 56.3 | 58.5 | 62.8 | 165        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 11   | 12     | 31     | 0.663     | -0.069    | 0.988 | 0.039     | 0.039     | 0         | 56.8 | 58.5 | 62.4 | 166        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 11   | 22     | 31     | 0.686     | -0.092    | 0.988 | 0.043     | 0.039     | 0         | 56.3 | 57.6 | 63.6 | 164        | 168        | 0          | 33     | 34     |
| 2009 | 6     | 3   | 11   | 32     | 31     | 0.564     | -0.059    | 0.988 | 0.039     | 0.039     | 0         | 55   | 57.6 | 63.6 | 162        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 11   | 42     | 31     | 0.712     | 0.046     | 0.988 | 0.033     | 0.033     | 0         | 55.5 | 57.6 | 64.1 | 162        | 167        | 0          | 33     | 33     |
| 2009 | 6     | 3   | 11   | 52     | 31     | 0.659     | -0.069    | 0.988 | 0.036     | 0.033     | 0         | 54.6 | 56.8 | 64.5 | 161        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 12   | 2      | 31     | 0.653     | -0.036    | 0.988 | 0.043     | 0.039     | 0         | 54.6 | 56.8 | 64.9 | 160        | 165        | 0          | 33     | 33     |
| 2009 | 6     | 3   | 12   | 12     | 31     | 0.676     | -0.059    | 0.988 | 0.039     | 0.039     | 0         | 55   | 56.8 | 64.1 | 161        | 165        | 0          | 33     | 33     |
| 2009 | 6     | 3   | 12   | 22     | 31     | 0.627     | -0.052    | 0.984 | 0.039     | 0.036     | 0         | 54.2 | 55.9 | 65.4 | 160        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 12   | 32     | 31     | 0.597     | -0.03     | 0.988 | 0.036     | 0.033     | 0         | 54.2 | 55.9 | 64.5 | 160        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 12   | 42     | 31     | 0.61      | 0         | 0.988 | 0.039     | 0.036     | 0         | 54.6 | 56.8 | 64.5 | 161        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 12   | 52     | 31     | 0.643     | -0.03     | 0.984 | 0.046     | 0.046     | 0         | 53.8 | 56.3 | 64.5 | 159        | 165        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 13   | 2      | 31     | 0.696     | 0         | 0.984 | 0.036     | 0.033     | 0         | 54.2 | 55.9 | 64.9 | 159        | 164        | 0          | 33     | 34     |
| 2009 | 6     | 3   | 13   | 12     | 31     | 0.656     | -0.033    | 0.984 | 0.043     | 0.039     | 0         | 54.2 | 55.9 | 64.5 | 160        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 13   | 22     | 31     | 0.692     | -0.016    | 0.981 | 0.046     | 0.046     | 0         | 54.2 | 55.9 | 64.5 | 159        | 164        | 0          | 33     | 34     |
| 2009 | 6     | 3   | 13   | 32     | 31     | 0.64      | -0.062    | 0.981 | 0.039     | 0.039     | 0         | 54.2 | 56.3 | 63.6 | 159        | 164        | 0          | 33     | 33     |
| 2009 | 6     | 3   | 13   | 42     | 31     | 0.699     | -0.069    | 0.981 | 0.039     | 0.036     | 0         | 56.8 | 58.9 | 61.1 | 165        | 171        | 0          | 33     | 34     |
| 2009 | 6     | 3   | 13   | 52     | 31     | 0.617     | -0.016    | 0.978 | 0.036     | 0.033     | 0         | 56.3 | 58.5 | 61.5 | 164        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 3   | 14   | 2      | 31     | 0.663     | -0.016    | 0.978 | 0.036     | 0.033     | 0         | 56.3 | 58.5 | 61.5 | 164        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 3   | 14   | 12     | 31     | 0.65      | 0.007     | 0.978 | 0.036     | 0.033     | 0         | 55.9 | 58.5 | 61.9 | 163        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 3   | 14   | 22     | 31     | 0.666     | 0.033     | 0.978 | 0.036     | 0.033     | 0         | 55.5 | 58   | 61.5 | 163        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 14   | 32     | 31     | 0.682     | -0.013    | 0.974 | 0.039     | 0.036     | 0         | 55.9 | 58   | 60.6 | 164        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 14   | 42     | 31     | 0.63      | -0.095    | 0.974 | 0.033     | 0.03      | 0         | 56.8 | 58.5 | 60.2 | 165        | 170        | 0          | 33     | 34     |
| 2009 | 6     | 3   | 14   | 52     | 31     | 0.663     | -0.082    | 0.978 | 0.039     | 0.036     | 0         | 56.3 | 58.9 | 60.6 | 165        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 15   | 2      | 31     | 0.643     | -0.082    | 0.974 | 0.043     | 0.039     | 0         | 57.6 | 60.2 | 59.8 | 168        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 15   | 12     | 31     | 0.689     | 0.007     | 0.974 | 0.039     | 0.039     | 0         | 57.2 | 59.8 | 58.9 | 167        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 15   | 22     | 31     | 0.61      | -0.043    | 0.978 | 0.033     | 0.03      | 0         | 58   | 60.2 | 57.6 | 168        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 3   | 15   | 32     | 31     | 0.61      | 0.01      | 0.978 | 0.043     | 0.039     | 0         | 61.5 | 64.9 | 51.6 | 177        | 184        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 15   | 42     | 31     | 0.587     | 0.016     | 0.978 | 0.039     | 0.036     | 0         | 59.8 | 62.8 | 54.6 | 173        | 179        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 15   | 52     | 31     | 0.597     | 0.046     | 0.978 | 0.039     | 0.036     | 0         | 61.5 | 64.1 | 51.2 | 177        | 183        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 3   | 16   | 2      | 31     | 0.581     | 0.03      | 0.978 | 0.036     | 0.033     | 0         | 59.8 | 62.8 | 54.6 | 173        | 179        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 16   | 12     | 31     | 0.653     | 0.043     | 0.981 | 0.043     | 0.039     | 0         | 59.3 | 61.5 | 55.9 | 172        | 177        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 16   | 22     | 31     | 0.545     | 0.039     | 0.981 | 0.039     | 0.039     | 0         | 58.9 | 61.5 | 56.3 | 171        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 16   | 32     | 31     | 0.682     | 0.039     | 0.981 | 0.039     | 0.039     | 0         | 59.3 | 61.5 | 55   | 172        | 177        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 16   | 42     | 31     | 0.643     | 0.079     | 0.981 | 0.046     | 0.043     | 0         | 59.3 | 61.9 | 54.2 | 172        | 178        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 16   | 52     | 31     | 0.636     | -0.003    | 0.981 | 0.036     | 0.033     | 0         | 61.1 | 63.6 | 52.5 | 175        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 3   | 17   | 2      | 31     | 0.623     | 0.056     | 0.981 | 0.043     | 0.039     | 0         | 59.8 | 63.2 | 53.8 | 173        | 180        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 17   | 12     | 31     | 0.689     | 0.095     | 0.984 | 0.039     | 0.036     | 0         | 60.2 | 61.9 | 55   | 173        | 178        | 0          | 33     | 34     |
| 2009 | 6     | 3   | 17   | 22     | 31     | 0.692     | 0.105     | 0.984 | 0.039     | 0.036     | 0         | 61.1 | 63.2 | 54.2 | 175        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 3   | 17   | 32     | 31     | 0.663     | 0.052     | 0.984 | 0.039     | 0.039     | 0         | 59.3 | 61.9 | 55.9 | 172        | 178        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 17   | 42     | 31     | 0.659     | 0.089     | 0.984 | 0.043     | 0.039     | 0         | 59.8 | 61.9 | 55.5 | 172        | 178        | 0          | 33     | 34     |
| 2009 | 6     | 3   | 17   | 52     | 31     | 0.719     | 0.098     | 0.988 | 0.039     | 0.036     | 0         | 59.3 | 61.5 | 56.3 | 171        | 177        | 0          | 33     | 34     |
| 2009 | 6     | 3   | 18   | 2      | 31     | 0.577     | 0.049     | 0.988 | 0.039     | 0.039     | 0         | 58   | 60.6 | 57.6 | 169        | 175        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 18   | 12     | 31     | 0.627     | 0.072     | 0.984 | 0.043     | 0.039     | 0         | 60.2 | 62.4 | 55   | 173        | 179        | 0          | 33     | 34     |
| 2009 | 6     | 3   | 18   | 22     | 31     | 0.636     | -0.016    | 0.988 | 0.039     | 0.036     | 0         | 57.2 | 60.2 | 59.3 | 167        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 18   | 32     | 31     | 0.689     | 0.085     | 0.988 | 0.039     | 0.039     | 0         | 58   | 59.8 | 60.2 | 168        | 173        | 0          | 33     | 34     |
| 2009 | 6     | 3   | 18   | 42     | 31     | 0.636     | 0.013     | 0.988 | 0.036     | 0.033     | 0         | 57.6 | 59.8 | 59.3 | 168        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 18   | 52     | 31     | 0.636     | 0.052     | 0.988 | 0.039     | 0.039     | 0         | 57.2 | 58.9 | 61.1 | 167        | 171        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 19   | 2      | 31     | 0.689     | 0.01      | 0.988 | 0.043     | 0.039     | 0         | 56.8 | 58.9 | 61.9 | 166        | 171        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 19   | 12     | 31     | 0.564     | -0.003    | 0.991 | 0.039     | 0.039     | 0         | 57.6 | 59.3 | 61.9 | 168        | 172        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 19   | 22     | 31     | 0.591     | 0.016     | 0.988 | 0.046     | 0.043     | 0         | 56.8 | 58.9 | 62.8 | 166        | 171        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 19   | 32     | 31     | 0.666     | -0.023    | 0.991 | 0.039     | 0.039     | 0         | 55.5 | 57.6 | 64.5 | 163        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 19   | 42     | 31     | 0.633     | -0.036    | 0.991 | 0.039     | 0.036     | 0         | 56.3 | 57.6 | 64.5 | 165        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 19   | 52     | 31     | 0.696     | -0.052    | 0.991 | 0.036     | 0.033     | 0         | 57.2 | 58.5 | 63.6 | 167        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 20   | 2      | 31     | 0.633     | -0.01     | 0.988 | 0.039     | 0.039     | 0         | 55   | 56.8 | 64.9 | 163        | 166        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 20   | 12     | 31     | 0.686     | -0.154    | 0.991 | 0.039     | 0.036     | 0         | 55.9 | 57.2 | 64.9 | 164        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 20   | 22     | 31     | 0.62      | -0.148    | 0.988 | 0.043     | 0.039     | 0         | 56.3 | 57.6 | 64.1 | 165        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 20   | 32     | 31     | 0.682     | -0.059    | 0.988 | 0.039     | 0.039     | 0         | 55.9 | 57.2 | 64.5 | 164        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 20   | 42     | 31     | 0.666     | -0.079    | 0.988 | 0.036     | 0.033     | 0         | 55.9 | 57.2 | 64.9 | 164        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 20   | 52     | 31     | 0.633     | -0.118    | 0.988 | 0.039     | 0.036     | 0         | 56.8 | 57.6 | 62.8 | 166        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 21   | 2      | 31     | 0.732     | -0.043    | 0.988 | 0.039     | 0.036     | 0         | 56.3 | 57.6 | 63.6 | 165        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 21   | 12     | 31     | 0.712     | -0.082    | 0.988 | 0.039     | 0.036     | 0         | 56.8 | 58.5 | 63.2 | 166        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 21   | 22     | 31     | 0.673     | -0.075    | 0.988 | 0.039     | 0.039     | 0         | 55.9 | 57.6 | 64.1 | 164        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 21   | 32     | 31     | 0.699     | -0.039    | 0.988 | 0.039     | 0.036     | 0         | 56.3 | 57.6 | 63.2 | 165        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 21   | 42     | 31     | 0.682     | -0.033    | 0.988 | 0.046     | 0.043     | 0         | 56.3 | 57.6 | 64.1 | 165        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 21   | 52     | 31     | 0.64      | -0.066    | 0.988 | 0.039     | 0.036     | 0         | 55.9 | 57.6 | 63.6 | 164        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 22   | 2      | 31     | 0.663     | -0.003    | 0.991 | 0.036     | 0.033     | 0         | 55.9 | 57.6 | 63.6 | 164        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 22   | 12     | 31     | 0.666     | -0.092    | 0.988 | 0.043     | 0.039     | 0         | 55.5 | 57.2 | 64.9 | 163        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 22   | 22     | 31     | 0.623     | -0.046    | 0.991 | 0.039     | 0.039     | 0         | 55.9 | 57.6 | 63.6 | 164        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 22   | 32     | 31     | 0.673     | -0.059    | 0.991 | 0.039     | 0.036     | 0         | 55.5 | 57.2 | 64.5 | 163        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 22   | 42     | 31     | 0.692     | -0.138    | 0.991 | 0.043     | 0.039     | 0         | 55.5 | 56.8 | 65.4 | 163        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 22   | 52     | 31     | 0.62      | -0.082    | 0.991 | 0.039     | 0.036     | 0         | 55.9 | 57.2 | 64.9 | 164        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 23   | 2      | 31     | 0.643     | -0.072    | 0.991 | 0.039     | 0.036     | 0         | 55.9 | 57.2 | 64.5 | 164        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 23   | 12     | 31     | 0.623     | -0.095    | 0.988 | 0.039     | 0.036     | 0         | 55.9 | 57.2 | 64.9 | 164        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 23   | 22     | 31     | 0.663     | -0.062    | 0.991 | 0.049     | 0.046     | 0         | 55.9 | 57.6 | 64.5 | 164        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 23   | 32     | 31     | 0.676     | -0.016    | 0.991 | 0.036     | 0.033     | 0         | 55.9 | 57.6 | 64.9 | 163        | 167        | 0          | 33     | 33     |
| 2009 | 6     | 3   | 23   | 42     | 31     | 0.656     | -0.095    | 0.991 | 0.043     | 0.039     | 0         | 55   | 56.8 | 64.9 | 162        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 23   | 52     | 31     | 0.709     | -0.059    | 0.991 | 0.036     | 0.033     | 0         | 55.5 | 56.8 | 64.9 | 163        | 166        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 4   | 0    | 2      | 31     | 0.692     | -0.095    | 0.991 | 0.039     | 0.036     | 0         | 55   | 56.8 | 65.8 | 162        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 0    | 12     | 31     | 0.715     | -0.069    | 0.991 | 0.039     | 0.039     | 0         | 55.5 | 56.3 | 65.4 | 163        | 165        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 0    | 22     | 31     | 0.6       | -0.157    | 0.991 | 0.046     | 0.043     | 0         | 55   | 56.8 | 64.5 | 162        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 0    | 32     | 31     | 0.669     | -0.125    | 0.991 | 0.043     | 0.039     | 0         | 55.5 | 56.3 | 65.8 | 163        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 4   | 0    | 42     | 31     | 0.636     | -0.128    | 0.991 | 0.043     | 0.039     | 0         | 55   | 56.8 | 64.5 | 163        | 166        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 0    | 52     | 31     | 0.6       | -0.079    | 0.991 | 0.036     | 0.033     | 0         | 55   | 57.2 | 65.8 | 162        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 1    | 2      | 31     | 0.633     | -0.069    | 0.991 | 0.043     | 0.039     | 0         | 55.5 | 57.2 | 65.4 | 163        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 1    | 12     | 31     | 0.656     | -0.125    | 0.991 | 0.039     | 0.036     | 0         | 55.9 | 57.2 | 64.5 | 164        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 1    | 22     | 31     | 0.614     | -0.03     | 0.991 | 0.043     | 0.039     | 0         | 55.5 | 57.2 | 65.4 | 163        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 1    | 32     | 31     | 0.719     | -0.128    | 0.991 | 0.039     | 0.036     | 0         | 55.9 | 57.6 | 65.4 | 165        | 168        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 1    | 42     | 31     | 0.692     | -0.059    | 0.991 | 0.033     | 0.03      | 0         | 55.5 | 56.8 | 64.9 | 163        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 4   | 1    | 52     | 31     | 0.62      | -0.148    | 0.991 | 0.043     | 0.039     | 0         | 55.9 | 57.2 | 65.4 | 164        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 2    | 2      | 31     | 0.669     | -0.131    | 0.991 | 0.039     | 0.039     | 0         | 55.9 | 57.6 | 65.8 | 164        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 2    | 12     | 31     | 0.646     | -0.056    | 0.991 | 0.039     | 0.036     | 0         | 57.2 | 58.5 | 64.5 | 167        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 2    | 22     | 31     | 0.659     | -0.141    | 0.991 | 0.043     | 0.039     | 0         | 56.8 | 58.5 | 64.5 | 166        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 2    | 32     | 31     | 0.705     | -0.066    | 0.991 | 0.043     | 0.039     | 0         | 56.3 | 57.6 | 65.4 | 165        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 2    | 42     | 31     | 0.663     | -0.056    | 0.991 | 0.043     | 0.039     | 0         | 55.9 | 57.6 | 65.4 | 165        | 169        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 2    | 52     | 31     | 0.607     | -0.072    | 0.991 | 0.036     | 0.033     | 0         | 56.3 | 57.6 | 65.4 | 165        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 3    | 2      | 31     | 0.62      | -0.098    | 0.991 | 0.039     | 0.036     | 0         | 56.3 | 58   | 64.9 | 165        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 3    | 12     | 31     | 0.64      | -0.062    | 0.991 | 0.043     | 0.039     | 0         | 56.8 | 57.6 | 64.5 | 166        | 169        | 0          | 34     | 35     |
| 2009 | 6     | 4   | 3    | 22     | 31     | 0.653     | -0.121    | 0.991 | 0.039     | 0.039     | 0         | 56.8 | 58   | 65.4 | 166        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 3    | 32     | 31     | 0.63      | 0         | 0.991 | 0.039     | 0.039     | 0         | 55.9 | 57.2 | 65.4 | 164        | 168        | 0          | 34     | 35     |
| 2009 | 6     | 4   | 3    | 42     | 31     | 0.702     | -0.043    | 0.991 | 0.039     | 0.036     | 0         | 55.9 | 57.6 | 65.8 | 164        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 3    | 52     | 31     | 0.722     | -0.033    | 0.991 | 0.043     | 0.039     | 0         | 55.9 | 57.6 | 64.9 | 164        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 4    | 2      | 31     | 0.63      | -0.121    | 0.991 | 0.039     | 0.036     | 0         | 55.9 | 57.6 | 65.8 | 164        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 4    | 12     | 31     | 0.646     | -0.079    | 0.991 | 0.039     | 0.039     | 0         | 55.5 | 57.6 | 66.2 | 163        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 4    | 22     | 31     | 0.64      | -0.052    | 0.991 | 0.039     | 0.036     | 0         | 55.5 | 56.8 | 66.7 | 163        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 4   | 4    | 32     | 31     | 0.666     | -0.108    | 0.991 | 0.043     | 0.039     | 0         | 55.5 | 57.2 | 67.1 | 163        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 4    | 42     | 31     | 0.666     | -0.125    | 0.991 | 0.043     | 0.039     | 0         | 56.3 | 57.6 | 66.2 | 164        | 168        | 0          | 33     | 34     |
| 2009 | 6     | 4   | 4    | 52     | 31     | 0.64      | -0.039    | 0.991 | 0.039     | 0.039     | 0         | 55.5 | 57.2 | 66.2 | 163        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 5    | 2      | 31     | 0.653     | -0.062    | 0.991 | 0.039     | 0.036     | 0         | 55.5 | 57.2 | 67.1 | 163        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 5    | 12     | 31     | 0.699     | -0.023    | 0.991 | 0.036     | 0.033     | 0         | 54.6 | 56.3 | 67.9 | 161        | 165        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 5    | 22     | 31     | 0.571     | -0.144    | 0.991 | 0.039     | 0.039     | 0         | 55.9 | 58.5 | 65.8 | 165        | 169        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 5    | 32     | 31     | 0.686     | -0.144    | 0.991 | 0.039     | 0.039     | 0         | 54.6 | 56.3 | 67.5 | 161        | 165        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 5    | 42     | 31     | 0.669     | -0.085    | 0.991 | 0.039     | 0.036     | 0         | 53.3 | 55.5 | 68.8 | 159        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 5    | 52     | 31     | 0.722     | -0.131    | 0.991 | 0.039     | 0.039     | 0         | 55   | 57.2 | 67.1 | 162        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 6    | 2      | 31     | 0.719     | -0.075    | 0.991 | 0.046     | 0.043     | 0         | 54.6 | 55.9 | 67.9 | 161        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 4   | 6    | 12     | 31     | 0.65      | -0.052    | 0.991 | 0.036     | 0.033     | 0         | 53.8 | 55.5 | 69.2 | 159        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 6    | 22     | 31     | 0.725     | -0.121    | 0.991 | 0.036     | 0.033     | 0         | 54.6 | 55.5 | 68.4 | 161        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 4   | 6    | 32     | 31     | 0.679     | -0.039    | 0.991 | 0.036     | 0.033     | 0         | 55   | 56.8 | 67.9 | 162        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 6    | 42     | 31     | 0.748     | -0.125    | 0.991 | 0.049     | 0.046     | 0         | 53.3 | 55.5 | 69.7 | 159        | 163        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 6    | 52     | 31     | 0.663     | -0.092    | 0.991 | 0.039     | 0.036     | 0         | 53.8 | 55.5 | 69.7 | 159        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 7    | 2      | 31     | 0.679     | -0.121    | 0.991 | 0.039     | 0.036     | 0         | 53.3 | 55   | 68.8 | 159        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 7    | 12     | 31     | 0.712     | -0.085    | 0.991 | 0.039     | 0.039     | 0         | 52.9 | 55.5 | 69.2 | 158        | 163        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 7    | 22     | 31     | 0.692     | -0.144    | 0.991 | 0.036     | 0.033     | 0         | 53.8 | 56.3 | 68.8 | 160        | 165        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 7    | 32     | 31     | 0.692     | -0.003    | 0.991 | 0.036     | 0.033     | 0         | 53.3 | 55   | 69.2 | 159        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 7    | 42     | 31     | 0.673     | -0.108    | 0.991 | 0.039     | 0.039     | 0         | 54.2 | 55.5 | 69.2 | 160        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 4   | 7    | 52     | 31     | 0.646     | -0.105    | 0.991 | 0.036     | 0.033     | 0         | 53.3 | 55   | 69.7 | 158        | 163        | 0          | 34     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 4   | 8    | 2      | 31     | 0.633     | -0.059    | 0.991 | 0.039     | 0.039     | 0         | 54.6 | 55.9 | 67.9 | 161        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 4   | 8    | 12     | 31     | 0.653     | -0.095    | 0.991 | 0.033     | 0.03      | 0         | 55.5 | 56.8 | 67.1 | 163        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 4   | 8    | 22     | 31     | 0.604     | -0.069    | 0.994 | 0.039     | 0.039     | 0         | 56.3 | 58   | 66.7 | 165        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 8    | 32     | 31     | 0.643     | -0.102    | 0.991 | 0.046     | 0.043     | 0         | 55.9 | 57.2 | 67.1 | 164        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 8    | 42     | 31     | 0.663     | -0.164    | 0.991 | 0.039     | 0.039     | 0         | 55   | 56.3 | 67.5 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 8    | 52     | 31     | 0.623     | -0.072    | 0.991 | 0.043     | 0.039     | 0         | 56.8 | 58   | 65.8 | 166        | 170        | 0          | 34     | 35     |
| 2009 | 6     | 4   | 9    | 2      | 31     | 0.656     | -0.092    | 0.994 | 0.039     | 0.039     | 0         | 54.6 | 56.8 | 67.5 | 162        | 166        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 9    | 12     | 31     | 0.669     | -0.121    | 0.994 | 0.039     | 0.036     | 0         | 58   | 60.2 | 63.2 | 170        | 174        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 9    | 22     | 31     | 0.669     | -0.098    | 0.994 | 0.036     | 0.033     | 0         | 56.8 | 58.9 | 66.2 | 166        | 171        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 9    | 32     | 31     | 0.705     | -0.052    | 0.994 | 0.036     | 0.033     | 0         | 57.2 | 59.3 | 65.8 | 167        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 9    | 42     | 31     | 0.705     | -0.105    | 0.991 | 0.039     | 0.039     | 0         | 56.3 | 58   | 65.8 | 165        | 168        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 9    | 52     | 31     | 0.692     | -0.102    | 0.991 | 0.043     | 0.039     | 0         | 55.5 | 56.8 | 67.1 | 163        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 10   | 2      | 31     | 0.63      | -0.095    | 0.991 | 0.043     | 0.039     | 0         | 55.9 | 57.2 | 64.9 | 164        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 10   | 12     | 31     | 0.778     | -0.082    | 0.991 | 0.039     | 0.039     | 0         | 58   | 58.9 | 61.5 | 169        | 171        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 10   | 22     | 31     | 0.584     | -0.118    | 0.991 | 0.039     | 0.039     | 0         | 56.8 | 57.2 | 65.4 | 166        | 168        | 0          | 34     | 35     |
| 2009 | 6     | 4   | 10   | 32     | 31     | 0.735     | -0.108    | 0.991 | 0.043     | 0.039     | 0         | 58   | 58.9 | 62.8 | 170        | 171        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 10   | 42     | 31     | 0.676     | -0.089    | 0.991 | 0.039     | 0.039     | 0         | 58.9 | 59.8 | 61.9 | 171        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 10   | 52     | 31     | 0.623     | -0.118    | 0.991 | 0.036     | 0.033     | 0         | 59.8 | 60.2 | 61.1 | 173        | 174        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 11   | 2      | 31     | 0.656     | -0.033    | 0.991 | 0.036     | 0.033     | 0         | 58.5 | 58.9 | 62.8 | 170        | 171        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 11   | 12     | 31     | 0.735     | 0         | 0.991 | 0.039     | 0.039     | 0         | 58.9 | 59.3 | 62.4 | 171        | 172        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 11   | 22     | 31     | 0.64      | -0.066    | 0.991 | 0.043     | 0.043     | 0         | 58.9 | 59.8 | 60.6 | 171        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 11   | 32     | 31     | 0.64      | -0.089    | 0.994 | 0.039     | 0.036     | 0         | 61.1 | 61.5 | 60.2 | 176        | 177        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 11   | 42     | 31     | 0.692     | -0.049    | 0.991 | 0.046     | 0.043     | 0         | 60.2 | 61.1 | 60.6 | 174        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 11   | 52     | 31     | 0.62      | -0.059    | 0.994 | 0.039     | 0.036     | 0         | 60.6 | 61.1 | 59.8 | 175        | 176        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 12   | 2      | 31     | 0.636     | -0.085    | 0.991 | 0.043     | 0.039     | 0         | 60.6 | 61.5 | 59.3 | 175        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 12   | 12     | 31     | 0.692     | -0.102    | 0.991 | 0.039     | 0.039     | 0         | 60.2 | 60.6 | 60.2 | 174        | 175        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 12   | 22     | 31     | 0.584     | -0.082    | 0.991 | 0.039     | 0.039     | 0         | 60.2 | 61.5 | 60.6 | 174        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 12   | 32     | 31     | 0.64      | 0         | 0.991 | 0.036     | 0.033     | 0         | 60.2 | 61.1 | 59.8 | 174        | 176        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 12   | 42     | 31     | 0.636     | -0.03     | 0.991 | 0.036     | 0.033     | 0         | 61.1 | 61.5 | 58.5 | 176        | 177        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 12   | 52     | 31     | 0.656     | -0.023    | 0.988 | 0.036     | 0.033     | 0         | 61.5 | 61.9 | 56.8 | 176        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 4   | 13   | 2      | 31     | 0.646     | -0.023    | 0.988 | 0.036     | 0.033     | 0         | 61.9 | 62.4 | 55.9 | 178        | 178        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 13   | 12     | 31     | 0.663     | -0.046    | 0.988 | 0.039     | 0.039     | 0         | 60.6 | 61.5 | 59.3 | 175        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 13   | 22     | 31     | 0.653     | -0.069    | 0.984 | 0.039     | 0.036     | 0         | 61.9 | 62.4 | 57.2 | 177        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 4   | 13   | 32     | 31     | 0.663     | 0.013     | 0.988 | 0.043     | 0.039     | 0         | 61.9 | 62.8 | 57.2 | 178        | 179        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 13   | 42     | 31     | 0.725     | -0.039    | 0.988 | 0.039     | 0.036     | 0         | 61.5 | 62.4 | 58   | 177        | 178        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 13   | 52     | 31     | 0.64      | -0.003    | 0.984 | 0.039     | 0.036     | 0         | 61.5 | 62.8 | 57.2 | 177        | 179        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 14   | 2      | 31     | 0.686     | 0.062     | 0.984 | 0.039     | 0.036     | 0         | 62.4 | 63.2 | 55.5 | 179        | 180        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 14   | 12     | 31     | 0.62      | -0.082    | 0.984 | 0.046     | 0.043     | 0         | 64.1 | 64.5 | 53.8 | 182        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 4   | 14   | 22     | 31     | 0.614     | 0         | 0.981 | 0.043     | 0.039     | 0         | 63.6 | 64.5 | 53.8 | 181        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 4   | 14   | 32     | 31     | 0.669     | -0.03     | 0.984 | 0.043     | 0.039     | 0         | 64.9 | 64.5 | 54.2 | 184        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 4   | 14   | 42     | 31     | 0.607     | -0.026    | 0.981 | 0.036     | 0.033     | 0         | 63.2 | 64.1 | 55.9 | 180        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 4   | 14   | 52     | 31     | 0.702     | 0         | 0.981 | 0.039     | 0.036     | 0         | 63.6 | 64.1 | 54.6 | 181        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 4   | 15   | 2      | 31     | 0.666     | 0.052     | 0.978 | 0.039     | 0.036     | 0         | 63.2 | 63.6 | 53.3 | 180        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 4   | 15   | 12     | 31     | 0.65      | -0.115    | 0.981 | 0.039     | 0.039     | 0         | 63.6 | 63.6 | 52.5 | 181        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 4   | 15   | 22     | 31     | 0.63      | -0.072    | 0.978 | 0.043     | 0.039     | 0         | 63.6 | 64.9 | 53.8 | 182        | 184        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 15   | 32     | 31     | 0.636     | -0.049    | 0.981 | 0.039     | 0.036     | 0         | 64.1 | 64.5 | 52.9 | 182        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 4   | 15   | 42     | 31     | 0.627     | -0.049    | 0.978 | 0.039     | 0.036     | 0         | 64.5 | 64.5 | 52.9 | 183        | 184        | 0          | 33     | 34     |
| 2009 | 6     | 4   | 15   | 52     | 31     | 0.63      | -0.082    | 0.981 | 0.043     | 0.039     | 0         | 64.1 | 64.9 | 53.3 | 182        | 184        | 0          | 33     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 4   | 16   | 2      | 31     | 0.656     | 0.03      | 0.981 | 0.039     | 0.039     | 0         | 63.2 | 63.6 | 54.2 | 180        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 4   | 16   | 12     | 31     | 0.653     | 0.03      | 0.978 | 0.039     | 0.036     | 0         | 63.6 | 63.6 | 54.2 | 181        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 4   | 16   | 22     | 31     | 0.61      | 0.007     | 0.978 | 0.043     | 0.039     | 0         | 62.4 | 63.6 | 54.6 | 179        | 181        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 16   | 32     | 31     | 0.673     | -0.003    | 0.978 | 0.043     | 0.039     | 0         | 62.4 | 63.2 | 53.8 | 179        | 180        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 16   | 42     | 31     | 0.663     | 0.03      | 0.978 | 0.036     | 0.033     | 0         | 63.2 | 64.5 | 53.3 | 180        | 182        | 0          | 33     | 32     |
| 2009 | 6     | 4   | 16   | 52     | 31     | 0.61      | 0.046     | 0.978 | 0.043     | 0.039     | 0         | 62.8 | 63.6 | 53.8 | 178        | 181        | 0          | 32     | 33     |
| 2009 | 6     | 4   | 17   | 2      | 31     | 0.663     | 0.016     | 0.974 | 0.043     | 0.039     | 0         | 61.5 | 62.4 | 55   | 176        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 4   | 17   | 12     | 31     | 0.669     | -0.007    | 0.978 | 0.039     | 0.039     | 0         | 64.5 | 65.4 | 52.5 | 183        | 185        | 0          | 33     | 33     |
| 2009 | 6     | 4   | 17   | 22     | 31     | 0.63      | -0.023    | 0.978 | 0.036     | 0.033     | 0         | 61.5 | 62.4 | 56.3 | 176        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 4   | 17   | 32     | 31     | 0.62      | 0.007     | 0.978 | 0.043     | 0.039     | 0         | 62.8 | 63.6 | 53.3 | 180        | 182        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 17   | 42     | 31     | 0.663     | -0.072    | 0.978 | 0.043     | 0.043     | 0         | 63.2 | 63.6 | 53.8 | 180        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 4   | 17   | 52     | 31     | 0.709     | -0.036    | 0.978 | 0.036     | 0.033     | 0         | 61.5 | 63.2 | 55   | 177        | 179        | 0          | 34     | 32     |
| 2009 | 6     | 4   | 18   | 2      | 31     | 0.623     | 0.013     | 0.978 | 0.039     | 0.036     | 0         | 61.9 | 62.8 | 55   | 177        | 180        | 0          | 33     | 34     |
| 2009 | 6     | 4   | 18   | 12     | 31     | 0.659     | 0.052     | 0.978 | 0.039     | 0.036     | 0         | 62.8 | 64.1 | 53.3 | 180        | 182        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 18   | 22     | 31     | 0.768     | -0.03     | 0.978 | 0.039     | 0.039     | 0         | 62.4 | 62.8 | 54.2 | 178        | 180        | 0          | 33     | 34     |
| 2009 | 6     | 4   | 18   | 32     | 31     | 0.63      | 0.033     | 0.978 | 0.043     | 0.039     | 0         | 61.1 | 61.5 | 55.5 | 176        | 177        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 18   | 42     | 31     | 0.64      | -0.033    | 0.978 | 0.043     | 0.039     | 0         | 59.8 | 61.1 | 57.6 | 172        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 4   | 18   | 52     | 31     | 0.607     | -0.013    | 0.978 | 0.039     | 0.039     | 0         | 59.3 | 60.6 | 58   | 172        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 19   | 2      | 31     | 0.663     | -0.033    | 0.978 | 0.039     | 0.036     | 0         | 58.5 | 59.3 | 60.2 | 169        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 4   | 19   | 12     | 31     | 0.627     | 0.03      | 0.978 | 0.033     | 0.03      | 0         | 57.2 | 58   | 61.1 | 167        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 19   | 22     | 31     | 0.643     | -0.043    | 0.978 | 0.039     | 0.039     | 0         | 57.2 | 58   | 61.1 | 167        | 168        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 19   | 32     | 31     | 0.614     | -0.095    | 0.978 | 0.033     | 0.03      | 0         | 57.2 | 58   | 61.9 | 166        | 167        | 0          | 33     | 32     |
| 2009 | 6     | 4   | 19   | 42     | 31     | 0.643     | -0.095    | 0.978 | 0.039     | 0.039     | 0         | 62.8 | 63.6 | 52.9 | 180        | 181        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 19   | 52     | 31     | 0.663     | -0.075    | 0.978 | 0.039     | 0.039     | 0         | 56.3 | 57.6 | 61.5 | 165        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 20   | 2      | 31     | 0.571     | -0.085    | 0.978 | 0.033     | 0.03      | 0         | 56.3 | 58   | 61.9 | 165        | 168        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 20   | 12     | 31     | 0.653     | -0.075    | 0.981 | 0.039     | 0.036     | 0         | 56.3 | 56.8 | 62.4 | 165        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 20   | 22     | 31     | 0.607     | -0.056    | 0.978 | 0.036     | 0.033     | 0         | 56.8 | 57.6 | 61.5 | 166        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 20   | 32     | 31     | 0.65      | -0.148    | 0.978 | 0.039     | 0.036     | 0         | 57.6 | 58   | 61.5 | 168        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 20   | 42     | 31     | 0.577     | -0.138    | 0.978 | 0.036     | 0.033     | 0         | 59.3 | 60.2 | 58   | 171        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 4   | 20   | 52     | 31     | 0.558     | -0.066    | 0.981 | 0.043     | 0.039     | 0         | 58.9 | 59.3 | 59.3 | 171        | 172        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 21   | 2      | 31     | 0.623     | -0.026    | 0.984 | 0.039     | 0.036     | 0         | 59.8 | 61.1 | 58   | 173        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 21   | 12     | 31     | 0.633     | -0.049    | 0.981 | 0.039     | 0.036     | 0         | 58.9 | 59.3 | 58.9 | 171        | 172        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 21   | 22     | 31     | 0.63      | -0.069    | 0.984 | 0.039     | 0.036     | 0         | 58.9 | 59.8 | 59.3 | 171        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 21   | 32     | 31     | 0.666     | -0.095    | 0.984 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 58.9 | 171        | 174        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 21   | 42     | 31     | 0.62      | -0.085    | 0.988 | 0.039     | 0.036     | 0         | 59.3 | 60.2 | 59.3 | 172        | 174        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 21   | 52     | 31     | 0.64      | -0.082    | 0.988 | 0.046     | 0.043     | 0         | 60.2 | 60.6 | 58.9 | 173        | 175        | 0          | 33     | 34     |
| 2009 | 6     | 4   | 22   | 2      | 31     | 0.607     | -0.085    | 0.988 | 0.043     | 0.039     | 0         | 59.3 | 60.6 | 59.3 | 172        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 22   | 12     | 31     | 0.614     | -0.059    | 0.988 | 0.043     | 0.039     | 0         | 59.3 | 60.2 | 60.2 | 171        | 174        | 0          | 33     | 34     |
| 2009 | 6     | 4   | 22   | 22     | 31     | 0.676     | -0.066    | 0.988 | 0.039     | 0.039     | 0         | 58.5 | 59.8 | 60.6 | 170        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 22   | 32     | 31     | 0.715     | -0.079    | 0.988 | 0.039     | 0.036     | 0         | 59.8 | 60.2 | 60.2 | 172        | 174        | 0          | 33     | 34     |
| 2009 | 6     | 4   | 22   | 42     | 31     | 0.686     | -0.131    | 0.988 | 0.039     | 0.036     | 0         | 58.5 | 59.8 | 60.2 | 170        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 22   | 52     | 31     | 0.636     | -0.128    | 0.988 | 0.039     | 0.036     | 0         | 58.5 | 59.8 | 60.6 | 170        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 23   | 2      | 31     | 0.728     | -0.118    | 0.991 | 0.039     | 0.036     | 0         | 58.9 | 60.2 | 60.6 | 171        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 23   | 12     | 31     | 0.702     | -0.131    | 0.988 | 0.043     | 0.043     | 0         | 58.9 | 59.8 | 60.6 | 171        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 23   | 22     | 31     | 0.574     | -0.033    | 0.988 | 0.046     | 0.043     | 0         | 58.5 | 59.3 | 61.1 | 169        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 4   | 23   | 32     | 31     | 0.666     | -0.095    | 0.988 | 0.039     | 0.039     | 0         | 58.9 | 59.3 | 60.6 | 170        | 172        | 0          | 33     | 34     |
| 2009 | 6     | 4   | 23   | 42     | 31     | 0.679     | -0.144    | 0.988 | 0.046     | 0.043     | 0         | 59.8 | 61.5 | 58.9 | 173        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 23   | 52     | 31     | 0.62      | -0.039    | 0.991 | 0.039     | 0.039     | 0         | 58.9 | 59.8 | 60.2 | 171        | 173        | 0          | 34     | 34     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 5   | 0    | 2      | 31     | 0.682     | -0.079    | 0.991 | 0.046     | 0.043     | 0         | 57.6 | 59.3 | 61.5 | 169        | 172        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 0    | 12     | 31     | 0.627     | -0.007    | 0.991 | 0.039     | 0.039     | 0         | 58.5 | 59.3 | 61.5 | 170        | 172        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 0    | 22     | 31     | 0.702     | -0.039    | 0.991 | 0.033     | 0.03      | 0         | 58.5 | 59.3 | 60.6 | 170        | 172        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 0    | 32     | 31     | 0.581     | -0.02     | 0.991 | 0.039     | 0.036     | 0         | 58.5 | 58.9 | 61.1 | 170        | 171        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 0    | 42     | 31     | 0.591     | -0.079    | 0.991 | 0.033     | 0.03      | 0         | 57.6 | 58.5 | 62.4 | 168        | 171        | 0          | 34     | 35     |
| 2009 | 6     | 5   | 0    | 52     | 31     | 0.62      | -0.079    | 0.991 | 0.039     | 0.036     | 0         | 58.5 | 59.8 | 61.1 | 170        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 1    | 2      | 31     | 0.623     | -0.075    | 0.991 | 0.036     | 0.033     | 0         | 59.8 | 60.6 | 60.6 | 172        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 5   | 1    | 12     | 31     | 0.666     | -0.108    | 0.991 | 0.043     | 0.039     | 0         | 59.3 | 60.2 | 61.5 | 171        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 5   | 1    | 22     | 31     | 0.571     | 0.036     | 0.991 | 0.039     | 0.036     | 0         | 58.9 | 59.8 | 60.6 | 171        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 1    | 32     | 31     | 0.627     | -0.089    | 0.991 | 0.039     | 0.036     | 0         | 59.8 | 60.2 | 58.9 | 173        | 174        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 1    | 42     | 31     | 0.636     | -0.062    | 0.991 | 0.036     | 0.033     | 0         | 58.9 | 59.8 | 61.1 | 171        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 1    | 52     | 31     | 0.62      | -0.062    | 0.991 | 0.039     | 0.036     | 0         | 59.8 | 61.9 | 58.5 | 174        | 177        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 2    | 2      | 31     | 0.666     | -0.075    | 0.991 | 0.039     | 0.036     | 0         | 60.6 | 61.9 | 57.6 | 175        | 178        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 2    | 12     | 31     | 0.715     | -0.059    | 0.991 | 0.036     | 0.033     | 0         | 60.2 | 61.9 | 59.3 | 174        | 177        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 2    | 22     | 31     | 0.597     | -0.085    | 0.991 | 0.046     | 0.043     | 0         | 59.8 | 61.1 | 60.2 | 173        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 2    | 32     | 31     | 0.725     | -0.148    | 0.994 | 0.039     | 0.036     | 0         | 59.8 | 60.6 | 61.5 | 172        | 175        | 0          | 33     | 34     |
| 2009 | 6     | 5   | 2    | 42     | 31     | 0.643     | -0.174    | 0.991 | 0.046     | 0.043     | 0         | 60.6 | 61.9 | 59.3 | 175        | 178        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 2    | 52     | 31     | 0.607     | -0.092    | 0.994 | 0.039     | 0.039     | 0         | 60.2 | 61.5 | 60.2 | 174        | 177        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 3    | 2      | 31     | 0.735     | -0.095    | 0.994 | 0.039     | 0.039     | 0         | 59.3 | 60.2 | 61.5 | 172        | 174        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 3    | 12     | 31     | 0.646     | -0.105    | 0.994 | 0.049     | 0.049     | 0         | 62.8 | 63.6 | 57.6 | 180        | 182        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 3    | 22     | 31     | 0.614     | -0.039    | 0.994 | 0.039     | 0.036     | 0         | 59.3 | 59.8 | 61.5 | 172        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 3    | 32     | 31     | 0.663     | -0.095    | 0.994 | 0.046     | 0.043     | 0         | 58.9 | 59.8 | 61.9 | 171        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 3    | 42     | 31     | 0.745     | -0.03     | 0.994 | 0.039     | 0.036     | 0         | 59.3 | 59.8 | 62.8 | 171        | 173        | 0          | 33     | 34     |
| 2009 | 6     | 5   | 3    | 52     | 31     | 0.676     | -0.112    | 0.994 | 0.036     | 0.033     | 0         | 58   | 58.9 | 63.2 | 169        | 171        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 4    | 2      | 31     | 0.679     | -0.082    | 0.994 | 0.039     | 0.036     | 0         | 58.5 | 59.8 | 63.2 | 170        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 4    | 12     | 31     | 0.676     | -0.095    | 0.994 | 0.039     | 0.039     | 0         | 60.2 | 61.1 | 62.4 | 174        | 176        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 4    | 22     | 31     | 0.633     | -0.118    | 0.994 | 0.039     | 0.039     | 0         | 58   | 58.9 | 64.1 | 169        | 171        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 4    | 32     | 31     | 0.604     | -0.079    | 0.994 | 0.036     | 0.033     | 0         | 57.2 | 58   | 64.1 | 167        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 4    | 42     | 31     | 0.64      | -0.043    | 0.994 | 0.033     | 0.03      | 0         | 56.8 | 58   | 65.4 | 166        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 4    | 52     | 31     | 0.722     | -0.043    | 0.994 | 0.039     | 0.036     | 0         | 56.3 | 57.6 | 65.8 | 165        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 5    | 2      | 31     | 0.669     | -0.046    | 0.994 | 0.039     | 0.036     | 0         | 55.9 | 56.3 | 67.1 | 164        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 5   | 5    | 12     | 31     | 0.705     | -0.075    | 0.994 | 0.036     | 0.033     | 0         | 55.5 | 57.2 | 66.7 | 163        | 166        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 5    | 22     | 31     | 0.676     | -0.079    | 0.994 | 0.039     | 0.036     | 0         | 55   | 56.8 | 67.1 | 162        | 165        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 5    | 32     | 31     | 0.627     | -0.161    | 0.994 | 0.046     | 0.043     | 0         | 54.2 | 55.5 | 67.9 | 160        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 5    | 42     | 31     | 0.722     | -0.062    | 0.994 | 0.046     | 0.043     | 0         | 54.2 | 55.5 | 67.5 | 160        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 5    | 52     | 31     | 0.653     | -0.049    | 0.994 | 0.043     | 0.039     | 0         | 54.2 | 55   | 69.2 | 160        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 6    | 2      | 31     | 0.709     | -0.052    | 0.994 | 0.039     | 0.039     | 0         | 54.6 | 55.5 | 67.5 | 161        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 6    | 12     | 31     | 0.692     | -0.095    | 0.994 | 0.036     | 0.033     | 0         | 55   | 55.5 | 67.9 | 161        | 163        | 0          | 33     | 34     |
| 2009 | 6     | 5   | 6    | 22     | 31     | 0.689     | -0.089    | 0.994 | 0.036     | 0.033     | 0         | 53.8 | 55   | 68.8 | 159        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 6    | 32     | 31     | 0.722     | -0.098    | 0.994 | 0.036     | 0.033     | 0         | 52.5 | 54.6 | 69.7 | 157        | 160        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 6    | 42     | 31     | 0.673     | -0.112    | 0.994 | 0.036     | 0.033     | 0         | 53.3 | 54.6 | 69.7 | 158        | 161        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 6    | 52     | 31     | 0.64      | -0.043    | 0.994 | 0.036     | 0.033     | 0         | 55   | 55.9 | 68.4 | 162        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 7    | 2      | 31     | 0.768     | -0.049    | 0.994 | 0.043     | 0.039     | 0         | 54.6 | 56.3 | 67.9 | 161        | 164        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 7    | 12     | 31     | 0.673     | -0.098    | 0.994 | 0.039     | 0.036     | 0         | 54.2 | 55   | 69.2 | 160        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 7    | 22     | 31     | 0.659     | -0.118    | 0.994 | 0.036     | 0.033     | 0         | 54.2 | 55.5 | 69.2 | 160        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 7    | 32     | 31     | 0.702     | -0.141    | 0.994 | 0.049     | 0.046     | 0         | 54.2 | 55.5 | 69.2 | 160        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 7    | 42     | 31     | 0.656     | -0.102    | 0.994 | 0.036     | 0.033     | 0         | 54.6 | 55   | 68.8 | 160        | 162        | 0          | 33     | 34     |
| 2009 | 6     | 5   | 7    | 52     | 31     | 0.709     | -0.062    | 0.994 | 0.039     | 0.039     | 0         | 54.2 | 55   | 68.4 | 160        | 162        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 5   | 8    | 2      | 31     | 0.623     | -0.118    | 0.994 | 0.039     | 0.036     | 0         | 53.8 | 55.5 | 67.9 | 159        | 162        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 8    | 12     | 31     | 0.65      | -0.151    | 0.994 | 0.036     | 0.033     | 0         | 54.6 | 55.5 | 68.4 | 160        | 163        | 0          | 33     | 34     |
| 2009 | 6     | 5   | 8    | 22     | 31     | 0.627     | -0.023    | 0.994 | 0.039     | 0.036     | 0         | 54.2 | 55   | 68.8 | 160        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 8    | 32     | 31     | 0.715     | -0.102    | 0.994 | 0.036     | 0.033     | 0         | 53.3 | 54.6 | 69.7 | 158        | 161        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 8    | 42     | 31     | 0.719     | -0.056    | 0.994 | 0.036     | 0.033     | 0         | 54.2 | 55.5 | 68.8 | 160        | 162        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 8    | 52     | 31     | 0.633     | -0.144    | 0.994 | 0.039     | 0.039     | 0         | 53.8 | 54.2 | 69.7 | 159        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 5   | 9    | 2      | 31     | 0.686     | -0.033    | 0.994 | 0.036     | 0.033     | 0         | 54.6 | 55.5 | 68.4 | 161        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 9    | 12     | 31     | 0.663     | -0.072    | 0.994 | 0.039     | 0.039     | 0         | 54.2 | 55.5 | 67.9 | 160        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 9    | 22     | 31     | 0.673     | -0.079    | 0.994 | 0.043     | 0.039     | 0         | 55.9 | 56.8 | 66.2 | 164        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 9    | 32     | 31     | 0.709     | -0.007    | 0.991 | 0.039     | 0.039     | 0         | 55.5 | 55.9 | 66.7 | 162        | 165        | 0          | 33     | 35     |
| 2009 | 6     | 5   | 9    | 42     | 31     | 0.682     | -0.059    | 0.994 | 0.039     | 0.036     | 0         | 54.6 | 55.9 | 68.4 | 161        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 9    | 52     | 31     | 0.696     | -0.105    | 0.994 | 0.033     | 0.03      | 0         | 54.2 | 55   | 69.2 | 160        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 10   | 2      | 31     | 0.535     | -0.056    | 0.994 | 0.039     | 0.039     | 0         | 54.2 | 55.9 | 68.8 | 160        | 163        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 10   | 12     | 31     | 0.682     | -0.151    | 0.994 | 0.036     | 0.033     | 0         | 53.3 | 53.8 | 69.7 | 157        | 159        | 0          | 33     | 34     |
| 2009 | 6     | 5   | 10   | 22     | 31     | 0.666     | -0.095    | 0.994 | 0.039     | 0.036     | 0         | 54.6 | 55.5 | 68.4 | 161        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 10   | 32     | 31     | 0.696     | -0.059    | 0.994 | 0.039     | 0.039     | 0         | 55.5 | 56.8 | 67.5 | 163        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 10   | 42     | 31     | 0.659     | -0.148    | 0.994 | 0.043     | 0.039     | 0         | 56.3 | 57.2 | 66.7 | 165        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 10   | 52     | 31     | 0.643     | -0.016    | 0.994 | 0.043     | 0.039     | 0         | 56.3 | 57.6 | 67.1 | 165        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 11   | 2      | 31     | 0.719     | -0.125    | 0.994 | 0.036     | 0.033     | 0         | 55.9 | 56.8 | 66.2 | 164        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 11   | 12     | 31     | 0.65      | -0.082    | 0.994 | 0.039     | 0.036     | 0         | 56.3 | 57.2 | 66.2 | 165        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 11   | 22     | 31     | 0.659     | -0.092    | 0.994 | 0.039     | 0.039     | 0         | 55.5 | 56.8 | 67.1 | 163        | 165        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 11   | 32     | 31     | 0.604     | 0.003     | 0.994 | 0.036     | 0.033     | 0         | 56.3 | 57.2 | 67.9 | 164        | 166        | 0          | 33     | 33     |
| 2009 | 6     | 5   | 11   | 42     | 31     | 0.696     | -0.016    | 0.994 | 0.036     | 0.033     | 0         | 55.9 | 56.8 | 67.1 | 164        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 11   | 52     | 31     | 0.669     | -0.112    | 0.994 | 0.043     | 0.039     | 0         | 55.9 | 57.6 | 65.8 | 164        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 12   | 2      | 31     | 0.659     | -0.144    | 0.994 | 0.036     | 0.033     | 0         | 56.3 | 57.6 | 65.8 | 165        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 12   | 12     | 31     | 0.715     | -0.046    | 0.994 | 0.039     | 0.036     | 0         | 55.9 | 55.9 | 65.4 | 164        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 12   | 22     | 31     | 0.614     | -0.089    | 0.994 | 0.039     | 0.039     | 0         | 57.2 | 57.6 | 64.9 | 167        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 12   | 32     | 31     | 0.673     | -0.112    | 0.994 | 0.033     | 0.03      | 0         | 57.2 | 58   | 65.4 | 167        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 12   | 42     | 31     | 0.676     | -0.079    | 0.994 | 0.039     | 0.036     | 0         | 57.2 | 59.3 | 62.8 | 168        | 171        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 12   | 52     | 31     | 0.623     | -0.013    | 0.994 | 0.043     | 0.039     | 0         | 57.2 | 59.3 | 64.9 | 168        | 171        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 13   | 2      | 31     | 0.689     | -0.098    | 0.994 | 0.033     | 0.03      | 0         | 57.2 | 58.9 | 63.6 | 167        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 13   | 12     | 31     | 0.646     | 0.016     | 0.994 | 0.039     | 0.039     | 0         | 58   | 59.3 | 62.8 | 169        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 13   | 22     | 31     | 0.692     | -0.092    | 0.994 | 0.039     | 0.036     | 0         | 57.2 | 58.5 | 64.9 | 167        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 13   | 32     | 31     | 0.676     | 0.013     | 0.994 | 0.033     | 0.03      | 0         | 57.6 | 58.5 | 63.2 | 168        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 13   | 42     | 31     | 0.646     | -0.066    | 0.994 | 0.039     | 0.036     | 0         | 58   | 59.3 | 64.1 | 168        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 5   | 13   | 52     | 31     | 0.738     | -0.003    | 0.991 | 0.036     | 0.033     | 0         | 58.5 | 58.9 | 63.6 | 169        | 171        | 0          | 33     | 34     |
| 2009 | 6     | 5   | 14   | 2      | 31     | 0.715     | 0         | 0.991 | 0.039     | 0.036     | 0         | 58   | 59.3 | 61.5 | 169        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 14   | 12     | 31     | 0.656     | -0.016    | 0.991 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 62.4 | 170        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 5   | 14   | 22     | 31     | 0.728     | 0.052     | 0.991 | 0.036     | 0.033     | 0         | 59.3 | 60.2 | 61.5 | 171        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 5   | 14   | 32     | 31     | 0.712     | 0.03      | 0.988 | 0.039     | 0.036     | 0         | 58.9 | 60.2 | 60.6 | 170        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 5   | 14   | 42     | 31     | 0.577     | -0.03     | 0.988 | 0.043     | 0.039     | 0         | 59.3 | 59.8 | 59.8 | 171        | 173        | 0          | 33     | 34     |
| 2009 | 6     | 5   | 14   | 52     | 31     | 0.732     | -0.013    | 0.984 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 60.6 | 170        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 5   | 15   | 2      | 31     | 0.692     | 0         | 0.984 | 0.039     | 0.039     | 0         | 59.3 | 60.6 | 59.8 | 172        | 173        | 0          | 34     | 32     |
| 2009 | 6     | 5   | 15   | 12     | 31     | 0.666     | -0.01     | 0.984 | 0.033     | 0.03      | 0         | 58.9 | 60.6 | 61.5 | 171        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 15   | 22     | 31     | 0.656     | 0.059     | 0.981 | 0.036     | 0.033     | 0         | 58.9 | 60.6 | 61.1 | 171        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 15   | 32     | 31     | 0.633     | 0.02      | 0.981 | 0.036     | 0.033     | 0         | 59.8 | 60.2 | 61.1 | 172        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 5   | 15   | 42     | 31     | 0.682     | 0.049     | 0.981 | 0.036     | 0.033     | 0         | 58.9 | 59.8 | 60.6 | 170        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 5   | 15   | 52     | 31     | 0.696     | 0.02      | 0.981 | 0.049     | 0.049     | 0         | 58.9 | 60.2 | 61.1 | 170        | 172        | 0          | 33     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 5   | 16   | 2      | 31     | 0.732     | 0.003     | 0.981 | 0.043     | 0.039     | 0         | 60.2 | 61.9 | 58   | 173        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 5   | 16   | 12     | 31     | 0.663     | -0.043    | 0.981 | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 58.9 | 172        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 5   | 16   | 22     | 31     | 0.692     | -0.062    | 0.981 | 0.039     | 0.036     | 0         | 61.1 | 61.9 | 58.5 | 175        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 5   | 16   | 32     | 31     | 0.705     | 0.046     | 0.978 | 0.033     | 0.03      | 0         | 60.6 | 61.5 | 58.5 | 174        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 5   | 16   | 42     | 31     | 0.636     | -0.062    | 0.978 | 0.043     | 0.039     | 0         | 59.3 | 60.2 | 57.6 | 171        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 5   | 16   | 52     | 31     | 0.689     | -0.003    | 0.974 | 0.046     | 0.043     | 0         | 59.8 | 61.5 | 56.8 | 173        | 175        | 0          | 34     | 32     |
| 2009 | 6     | 5   | 17   | 2      | 31     | 0.62      | 0         | 0.978 | 0.049     | 0.046     | 0         | 60.2 | 60.6 | 56.3 | 173        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 5   | 17   | 12     | 31     | 0.627     | -0.062    | 0.974 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 59.3 | 170        | 172        | 0          | 33     | 32     |
| 2009 | 6     | 5   | 17   | 22     | 31     | 0.692     | 0.026     | 0.974 | 0.046     | 0.043     | 0         | 58.5 | 59.3 | 59.8 | 169        | 170        | 0          | 33     | 32     |
| 2009 | 6     | 5   | 17   | 32     | 31     | 0.696     | -0.046    | 0.974 | 0.039     | 0.036     | 0         | 58.9 | 59.3 | 58.9 | 170        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 5   | 17   | 42     | 31     | 0.659     | -0.108    | 0.974 | 0.043     | 0.039     | 0         | 58   | 59.8 | 59.8 | 169        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 17   | 52     | 31     | 0.623     | 0.016     | 0.974 | 0.039     | 0.036     | 0         | 57.6 | 58.9 | 60.2 | 168        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 18   | 2      | 31     | 0.725     | -0.026    | 0.974 | 0.039     | 0.039     | 0         | 58.5 | 58.5 | 60.6 | 169        | 170        | 0          | 33     | 34     |
| 2009 | 6     | 5   | 18   | 12     | 31     | 0.745     | -0.039    | 0.978 | 0.043     | 0.039     | 0         | 56.8 | 57.6 | 62.4 | 166        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 18   | 22     | 31     | 0.679     | -0.072    | 0.974 | 0.039     | 0.036     | 0         | 56.8 | 57.6 | 62.4 | 165        | 167        | 0          | 33     | 33     |
| 2009 | 6     | 5   | 18   | 32     | 31     | 0.591     | -0.062    | 0.974 | 0.039     | 0.039     | 0         | 58.5 | 59.8 | 60.2 | 170        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 18   | 42     | 31     | 0.61      | -0.033    | 0.974 | 0.039     | 0.036     | 0         | 56.8 | 57.6 | 62.8 | 166        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 18   | 52     | 31     | 0.692     | -0.079    | 0.978 | 0.036     | 0.033     | 0         | 57.6 | 58.5 | 61.9 | 167        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 5   | 19   | 2      | 31     | 0.643     | -0.118    | 0.978 | 0.046     | 0.043     | 0         | 56.8 | 57.6 | 62.8 | 165        | 167        | 0          | 33     | 33     |
| 2009 | 6     | 5   | 19   | 12     | 31     | 0.679     | -0.082    | 0.974 | 0.039     | 0.039     | 0         | 57.6 | 58.9 | 61.1 | 168        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 19   | 22     | 31     | 0.669     | -0.075    | 0.978 | 0.039     | 0.039     | 0         | 56.8 | 57.6 | 62.8 | 166        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 19   | 32     | 31     | 0.597     | -0.056    | 0.978 | 0.043     | 0.039     | 0         | 57.2 | 58   | 61.5 | 167        | 168        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 19   | 42     | 31     | 0.62      | -0.052    | 0.981 | 0.046     | 0.043     | 0         | 58.5 | 59.3 | 61.9 | 169        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 5   | 19   | 52     | 31     | 0.679     | -0.039    | 0.978 | 0.036     | 0.033     | 0         | 59.3 | 59.8 | 58.5 | 172        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 20   | 2      | 31     | 0.633     | -0.075    | 0.981 | 0.039     | 0.039     | 0         | 58.9 | 59.8 | 58.9 | 171        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 20   | 12     | 31     | 0.594     | -0.066    | 0.984 | 0.046     | 0.043     | 0         | 58.9 | 60.2 | 61.1 | 171        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 20   | 22     | 31     | 0.761     | -0.085    | 0.981 | 0.039     | 0.036     | 0         | 58.5 | 59.8 | 59.8 | 170        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 20   | 32     | 31     | 0.656     | -0.016    | 0.981 | 0.039     | 0.039     | 0         | 58   | 59.3 | 61.5 | 169        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 20   | 42     | 31     | 0.656     | -0.164    | 0.978 | 0.039     | 0.039     | 0         | 57.2 | 58   | 60.6 | 167        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 20   | 52     | 31     | 0.633     | -0.072    | 0.981 | 0.039     | 0.036     | 0         | 58.9 | 59.3 | 60.6 | 170        | 172        | 0          | 33     | 34     |
| 2009 | 6     | 5   | 21   | 2      | 31     | 0.643     | -0.118    | 0.981 | 0.043     | 0.039     | 0         | 57.6 | 58.9 | 61.1 | 168        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 21   | 12     | 31     | 0.659     | 0.02      | 0.981 | 0.033     | 0.03      | 0         | 57.2 | 58.9 | 61.1 | 167        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 21   | 22     | 31     | 0.597     | -0.105    | 0.978 | 0.039     | 0.039     | 0         | 57.2 | 57.6 | 61.1 | 166        | 168        | 0          | 33     | 34     |
| 2009 | 6     | 5   | 21   | 32     | 31     | 0.577     | -0.184    | 0.981 | 0.039     | 0.039     | 0         | 56.8 | 57.6 | 61.9 | 166        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 21   | 42     | 31     | 0.63      | -0.105    | 0.981 | 0.039     | 0.039     | 0         | 57.6 | 59.3 | 61.1 | 168        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 21   | 52     | 31     | 0.623     | -0.056    | 0.981 | 0.043     | 0.039     | 0         | 57.6 | 58.9 | 60.6 | 168        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 22   | 2      | 31     | 0.636     | -0.118    | 0.981 | 0.036     | 0.033     | 0         | 57.6 | 58.5 | 61.5 | 168        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 22   | 12     | 31     | 0.686     | -0.118    | 0.981 | 0.036     | 0.033     | 0         | 55.9 | 57.6 | 62.8 | 164        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 22   | 22     | 31     | 0.686     | -0.069    | 0.981 | 0.036     | 0.033     | 0         | 55.9 | 56.8 | 61.5 | 164        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 22   | 32     | 31     | 0.627     | -0.105    | 0.981 | 0.039     | 0.039     | 0         | 56.3 | 57.2 | 61.9 | 164        | 166        | 0          | 33     | 33     |
| 2009 | 6     | 5   | 22   | 42     | 31     | 0.607     | -0.072    | 0.981 | 0.039     | 0.036     | 0         | 55.9 | 57.2 | 63.2 | 163        | 166        | 0          | 33     | 33     |
| 2009 | 6     | 5   | 22   | 52     | 31     | 0.614     | -0.026    | 0.981 | 0.039     | 0.036     | 0         | 56.8 | 58   | 61.1 | 166        | 168        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 23   | 2      | 31     | 0.659     | -0.082    | 0.981 | 0.043     | 0.039     | 0         | 56.8 | 57.6 | 60.6 | 166        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 23   | 12     | 31     | 0.659     | -0.079    | 0.978 | 0.033     | 0.03      | 0         | 56.8 | 58   | 56.8 | 165        | 168        | 0          | 33     | 33     |
| 2009 | 6     | 5   | 23   | 22     | 31     | 0.63      | -0.03     | 0.981 | 0.039     | 0.039     | 0         | 56.8 | 57.2 | 62.4 | 166        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 23   | 32     | 31     | 0.65      | -0.079    | 0.981 | 0.039     | 0.039     | 0         | 57.2 | 58   | 61.5 | 166        | 169        | 0          | 33     | 34     |
| 2009 | 6     | 5   | 23   | 42     | 31     | 0.6       | -0.089    | 0.981 | 0.043     | 0.039     | 0         | 55.9 | 56.8 | 61.9 | 164        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 23   | 52     | 31     | 0.791     | -0.072    | 0.981 | 0.039     | 0.036     | 0         | 56.8 | 57.6 | 61.1 | 166        | 168        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 6   | 0    | 2      | 31     | 0.735     | 0.03      | 0.984 | 0.039     | 0.036     | 0         | 56.3 | 57.2 | 61.5 | 165        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 0    | 12     | 31     | 0.719     | -0.075    | 0.984 | 0.043     | 0.039     | 0         | 57.6 | 58.5 | 61.5 | 168        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 0    | 22     | 31     | 0.673     | -0.01     | 0.984 | 0.039     | 0.036     | 0         | 57.2 | 58.5 | 61.1 | 167        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 0    | 32     | 31     | 0.65      | -0.079    | 0.984 | 0.039     | 0.039     | 0         | 57.6 | 58.9 | 60.2 | 168        | 171        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 0    | 42     | 31     | 0.643     | -0.085    | 0.984 | 0.036     | 0.033     | 0         | 57.2 | 58   | 62.4 | 166        | 168        | 0          | 33     | 33     |
| 2009 | 6     | 6   | 0    | 52     | 31     | 0.587     | -0.125    | 0.984 | 0.039     | 0.036     | 0         | 58   | 58.9 | 61.1 | 169        | 171        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 1    | 2      | 31     | 0.607     | -0.098    | 0.984 | 0.039     | 0.036     | 0         | 58   | 59.3 | 60.6 | 169        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 1    | 12     | 31     | 0.732     | -0.095    | 0.984 | 0.039     | 0.036     | 0         | 58   | 58.9 | 60.2 | 169        | 171        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 1    | 22     | 31     | 0.574     | -0.03     | 0.984 | 0.039     | 0.039     | 0         | 58   | 58.9 | 59.8 | 169        | 171        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 1    | 32     | 31     | 0.689     | -0.095    | 0.981 | 0.039     | 0.036     | 0         | 57.6 | 58.9 | 60.2 | 169        | 171        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 1    | 42     | 31     | 0.682     | -0.079    | 0.984 | 0.043     | 0.039     | 0         | 57.2 | 58.5 | 59.8 | 167        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 1    | 52     | 31     | 0.604     | -0.118    | 0.984 | 0.043     | 0.039     | 0         | 56.3 | 57.6 | 61.5 | 166        | 168        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 2    | 2      | 31     | 0.653     | -0.157    | 0.984 | 0.046     | 0.046     | 0         | 58.9 | 59.8 | 59.8 | 171        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 2    | 12     | 31     | 0.686     | -0.023    | 0.984 | 0.039     | 0.036     | 0         | 57.6 | 58.9 | 59.8 | 168        | 171        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 2    | 22     | 31     | 0.686     | -0.115    | 0.988 | 0.036     | 0.033     | 0         | 59.3 | 60.6 | 58.5 | 171        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 6   | 2    | 32     | 31     | 0.702     | -0.046    | 0.984 | 0.039     | 0.039     | 0         | 57.2 | 58.5 | 61.1 | 167        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 2    | 42     | 31     | 0.715     | -0.105    | 0.988 | 0.036     | 0.033     | 0         | 57.6 | 58.9 | 60.6 | 168        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 2    | 52     | 31     | 0.679     | -0.075    | 0.984 | 0.036     | 0.033     | 0         | 58   | 59.3 | 59.8 | 169        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 3    | 2      | 31     | 0.62      | -0.161    | 0.988 | 0.036     | 0.033     | 0         | 58   | 58.9 | 59.8 | 169        | 171        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 3    | 12     | 31     | 0.633     | -0.131    | 0.988 | 0.036     | 0.033     | 0         | 57.6 | 58.9 | 60.2 | 168        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 3    | 22     | 31     | 0.633     | -0.131    | 0.988 | 0.039     | 0.039     | 0         | 57.2 | 58.5 | 61.1 | 167        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 3    | 32     | 31     | 0.682     | -0.089    | 0.988 | 0.039     | 0.036     | 0         | 57.2 | 58.5 | 61.9 | 167        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 3    | 42     | 31     | 0.705     | -0.052    | 0.988 | 0.039     | 0.039     | 0         | 57.6 | 58   | 61.5 | 167        | 169        | 0          | 33     | 34     |
| 2009 | 6     | 6   | 3    | 52     | 31     | 0.709     | -0.148    | 0.988 | 0.039     | 0.039     | 0         | 58.9 | 59.8 | 60.6 | 170        | 173        | 0          | 33     | 34     |
| 2009 | 6     | 6   | 4    | 2      | 31     | 0.679     | -0.112    | 0.988 | 0.036     | 0.033     | 0         | 56.8 | 58.5 | 62.4 | 166        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 4    | 12     | 31     | 0.653     | -0.079    | 0.988 | 0.039     | 0.036     | 0         | 57.2 | 58.9 | 61.9 | 167        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 4    | 22     | 31     | 0.669     | -0.121    | 0.988 | 0.036     | 0.033     | 0         | 57.6 | 58.5 | 62.4 | 168        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 4    | 32     | 31     | 0.6       | -0.085    | 0.988 | 0.039     | 0.036     | 0         | 57.6 | 58.9 | 61.5 | 168        | 171        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 4    | 42     | 31     | 0.666     | -0.072    | 0.988 | 0.039     | 0.039     | 0         | 56.3 | 57.6 | 63.2 | 166        | 168        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 4    | 52     | 31     | 0.623     | -0.125    | 0.988 | 0.039     | 0.039     | 0         | 55.9 | 57.6 | 63.6 | 164        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 5    | 2      | 31     | 0.623     | -0.092    | 0.988 | 0.043     | 0.039     | 0         | 55.5 | 55.9 | 64.9 | 163        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 6   | 5    | 12     | 31     | 0.6       | -0.069    | 0.988 | 0.039     | 0.036     | 0         | 55   | 55.9 | 64.5 | 162        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 5    | 22     | 31     | 0.663     | -0.105    | 0.988 | 0.039     | 0.036     | 0         | 54.6 | 55.9 | 64.5 | 161        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 5    | 32     | 31     | 0.64      | -0.043    | 0.988 | 0.033     | 0.03      | 0         | 53.8 | 55.5 | 65.4 | 159        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 5    | 42     | 31     | 0.666     | -0.069    | 0.988 | 0.039     | 0.036     | 0         | 53.8 | 55   | 67.1 | 159        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 5    | 52     | 31     | 0.709     | -0.072    | 0.988 | 0.039     | 0.036     | 0         | 54.6 | 55.9 | 65.8 | 161        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 6    | 2      | 31     | 0.633     | -0.108    | 0.988 | 0.033     | 0.03      | 0         | 52.9 | 54.6 | 66.7 | 158        | 161        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 6    | 12     | 31     | 0.614     | -0.033    | 0.988 | 0.039     | 0.039     | 0         | 52.5 | 54.2 | 67.1 | 157        | 160        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 6    | 22     | 31     | 0.728     | -0.187    | 0.988 | 0.039     | 0.036     | 0         | 53.8 | 55   | 66.2 | 159        | 161        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 6    | 32     | 31     | 0.692     | -0.131    | 0.988 | 0.043     | 0.039     | 0         | 52.9 | 54.6 | 66.7 | 157        | 161        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 6    | 42     | 31     | 0.63      | -0.141    | 0.988 | 0.036     | 0.033     | 0         | 53.8 | 55   | 66.7 | 159        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 6    | 52     | 31     | 0.64      | -0.092    | 0.988 | 0.043     | 0.039     | 0         | 53.8 | 55.5 | 65.4 | 159        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 7    | 2      | 31     | 0.699     | -0.033    | 0.988 | 0.036     | 0.033     | 0         | 54.2 | 55.5 | 65.4 | 160        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 7    | 12     | 31     | 0.64      | -0.112    | 0.988 | 0.036     | 0.033     | 0         | 53.3 | 54.6 | 64.9 | 158        | 161        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 7    | 22     | 31     | 0.673     | -0.135    | 0.988 | 0.039     | 0.036     | 0         | 52   | 53.8 | 65.8 | 156        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 7    | 32     | 31     | 0.607     | -0.118    | 0.988 | 0.033     | 0.03      | 0         | 52.5 | 54.6 | 65.8 | 157        | 160        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 7    | 42     | 31     | 0.63      | -0.187    | 0.988 | 0.043     | 0.039     | 0         | 52.5 | 53.3 | 66.7 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 6   | 7    | 52     | 31     | 0.65      | -0.079    | 0.988 | 0.036     | 0.033     | 0         | 52.5 | 53.3 | 66.2 | 156        | 158        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 6   | 8    | 2      | 31     | 0.646     | -0.043    | 0.988 | 0.039     | 0.036     | 0         | 51.6 | 53.3 | 66.7 | 154        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 8    | 12     | 31     | 0.656     | -0.102    | 0.988 | 0.036     | 0.033     | 0         | 52.5 | 53.3 | 66.2 | 155        | 158        | 0          | 33     | 34     |
| 2009 | 6     | 6   | 8    | 22     | 31     | 0.62      | -0.112    | 0.984 | 0.036     | 0.033     | 0         | 52.5 | 53.8 | 66.2 | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 8    | 32     | 31     | 0.689     | 0.059     | 0.984 | 0.033     | 0.03      | 0         | 55.9 | 58   | 61.1 | 164        | 168        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 8    | 42     | 31     | 0.663     | 0.013     | 0.984 | 0.039     | 0.039     | 0         | 58   | 59.8 | 58.9 | 169        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 8    | 52     | 31     | 0.656     | -0.02     | 0.984 | 0.033     | 0.03      | 0         | 55.5 | 56.8 | 63.2 | 163        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 9    | 2      | 31     | 0.699     | 0         | 0.984 | 0.039     | 0.036     | 0         | 55   | 56.3 | 63.6 | 162        | 165        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 9    | 12     | 31     | 0.614     | 0.036     | 0.988 | 0.039     | 0.036     | 0         | 54.2 | 55.5 | 65.4 | 160        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 9    | 22     | 31     | 0.663     | 0.03      | 0.988 | 0.036     | 0.033     | 0         | 53.3 | 54.2 | 67.1 | 158        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 9    | 32     | 31     | 0.584     | -0.079    | 0.988 | 0.039     | 0.036     | 0         | 52.9 | 54.2 | 68.4 | 157        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 9    | 42     | 31     | 0.604     | 0         | 0.988 | 0.033     | 0.03      | 0         | 52   | 53.8 | 67.9 | 155        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 9    | 52     | 31     | 0.64      | -0.118    | 0.988 | 0.033     | 0.03      | 0         | 52.9 | 53.8 | 67.1 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 6   | 10   | 2      | 31     | 0.558     | -0.016    | 0.988 | 0.033     | 0.03      | 0         | 51.2 | 52.9 | 67.9 | 154        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 10   | 12     | 31     | 0.6       | -0.023    | 0.988 | 0.039     | 0.039     | 0         | 52   | 53.8 | 66.7 | 155        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 10   | 22     | 31     | 0.653     | -0.082    | 0.988 | 0.039     | 0.036     | 0         | 52   | 53.8 | 67.1 | 155        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 10   | 32     | 31     | 0.676     | -0.125    | 0.988 | 0.039     | 0.036     | 0         | 52.9 | 54.2 | 64.9 | 157        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 10   | 42     | 31     | 0.64      | -0.095    | 0.988 | 0.043     | 0.039     | 0         | 52.5 | 54.2 | 66.2 | 157        | 160        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 10   | 52     | 31     | 0.692     | -0.082    | 0.988 | 0.043     | 0.039     | 0         | 52   | 53.3 | 67.1 | 155        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 11   | 2      | 31     | 0.604     | -0.082    | 0.988 | 0.033     | 0.03      | 0         | 53.3 | 54.2 | 65.8 | 157        | 160        | 0          | 33     | 34     |
| 2009 | 6     | 6   | 11   | 12     | 31     | 0.722     | -0.095    | 0.988 | 0.039     | 0.039     | 0         | 52.5 | 54.2 | 66.7 | 157        | 160        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 11   | 22     | 31     | 0.607     | -0.115    | 0.988 | 0.036     | 0.033     | 0         | 52.9 | 54.2 | 67.5 | 157        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 11   | 32     | 31     | 0.64      | -0.108    | 0.988 | 0.039     | 0.039     | 0         | 52.5 | 54.2 | 65.8 | 157        | 160        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 11   | 42     | 31     | 0.656     | -0.046    | 0.988 | 0.043     | 0.039     | 0         | 53.3 | 55   | 65.8 | 158        | 161        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 11   | 52     | 31     | 0.705     | -0.062    | 0.984 | 0.039     | 0.036     | 0         | 53.3 | 54.6 | 66.7 | 157        | 161        | 0          | 33     | 34     |
| 2009 | 6     | 6   | 12   | 2      | 31     | 0.627     | -0.056    | 0.988 | 0.039     | 0.036     | 0         | 52.9 | 53.8 | 66.7 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 6   | 12   | 12     | 31     | 0.646     | -0.01     | 0.984 | 0.043     | 0.039     | 0         | 53.8 | 55.5 | 65.4 | 159        | 162        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 12   | 22     | 31     | 0.679     | -0.112    | 0.984 | 0.036     | 0.033     | 0         | 54.2 | 55.5 | 66.2 | 160        | 162        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 12   | 32     | 31     | 0.64      | 0         | 0.984 | 0.039     | 0.036     | 0         | 54.6 | 55.9 | 64.9 | 161        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 12   | 42     | 31     | 0.63      | -0.033    | 0.984 | 0.039     | 0.036     | 0         | 55.9 | 56.8 | 64.5 | 163        | 166        | 0          | 33     | 34     |
| 2009 | 6     | 6   | 12   | 52     | 31     | 0.623     | -0.013    | 0.984 | 0.039     | 0.036     | 0         | 55.5 | 57.2 | 64.1 | 163        | 166        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 13   | 2      | 31     | 0.63      | -0.007    | 0.981 | 0.033     | 0.03      | 0         | 55.9 | 57.6 | 64.5 | 164        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 13   | 12     | 31     | 0.669     | 0.072     | 0.981 | 0.033     | 0.03      | 0         | 55.9 | 57.2 | 64.1 | 163        | 167        | 0          | 33     | 34     |
| 2009 | 6     | 6   | 13   | 22     | 31     | 0.699     | 0.016     | 0.981 | 0.033     | 0.03      | 0         | 56.8 | 58.5 | 63.6 | 165        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 6   | 13   | 32     | 31     | 0.61      | 0.02      | 0.978 | 0.046     | 0.043     | 0         | 56.3 | 58   | 64.5 | 165        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 13   | 42     | 31     | 0.732     | -0.026    | 0.981 | 0.036     | 0.033     | 0         | 57.2 | 58.5 | 63.6 | 167        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 13   | 52     | 31     | 0.604     | 0         | 0.978 | 0.036     | 0.033     | 0         | 58.5 | 59.3 | 60.2 | 169        | 172        | 0          | 33     | 34     |
| 2009 | 6     | 6   | 14   | 2      | 31     | 0.653     | 0.039     | 0.978 | 0.039     | 0.036     | 0         | 58   | 58.9 | 64.1 | 169        | 171        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 14   | 12     | 31     | 0.646     | 0.023     | 0.978 | 0.036     | 0.033     | 0         | 58   | 59.3 | 63.2 | 169        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 14   | 22     | 31     | 0.679     | -0.013    | 0.978 | 0.036     | 0.033     | 0         | 59.8 | 60.6 | 61.9 | 172        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 6   | 14   | 32     | 31     | 0.617     | 0.003     | 0.978 | 0.033     | 0.03      | 0         | 58.9 | 60.2 | 61.1 | 171        | 174        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 14   | 42     | 31     | 0.699     | 0.033     | 0.978 | 0.036     | 0.033     | 0         | 59.3 | 60.2 | 62.4 | 171        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 6   | 14   | 52     | 31     | 0.61      | 0.095     | 0.978 | 0.036     | 0.033     | 0         | 58.5 | 59.3 | 63.2 | 169        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 6   | 15   | 2      | 31     | 0.6       | 0.016     | 0.978 | 0.036     | 0.033     | 0         | 58.5 | 60.2 | 62.4 | 170        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 15   | 12     | 31     | 0.581     | 0.052     | 0.978 | 0.039     | 0.036     | 0         | 58.9 | 60.2 | 62.4 | 170        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 6   | 15   | 22     | 31     | 0.646     | 0.066     | 0.978 | 0.036     | 0.033     | 0         | 58   | 60.2 | 62.4 | 169        | 172        | 0          | 34     | 32     |
| 2009 | 6     | 6   | 15   | 32     | 31     | 0.702     | -0.02     | 0.978 | 0.039     | 0.036     | 0         | 59.8 | 60.6 | 62.8 | 172        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 6   | 15   | 42     | 31     | 0.646     | 0.046     | 0.978 | 0.039     | 0.039     | 0         | 57.6 | 59.3 | 63.6 | 168        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 15   | 52     | 31     | 0.594     | 0.039     | 0.978 | 0.039     | 0.039     | 0         | 56.8 | 58   | 64.5 | 165        | 168        | 0          | 33     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 6   | 16   | 2      | 31     | 0.653     | 0.082     | 0.978 | 0.043     | 0.039     | 0         | 57.2 | 58.9 | 61.9 | 167        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 16   | 12     | 31     | 0.538     | 0.033     | 0.978 | 0.039     | 0.036     | 0         | 57.2 | 58.5 | 63.6 | 166        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 6   | 16   | 22     | 31     | 0.666     | 0.036     | 0.978 | 0.039     | 0.039     | 0         | 56.8 | 57.6 | 64.9 | 165        | 167        | 0          | 33     | 33     |
| 2009 | 6     | 6   | 16   | 32     | 31     | 0.692     | -0.013    | 0.978 | 0.052     | 0.049     | 0         | 56.8 | 58   | 63.6 | 165        | 168        | 0          | 33     | 33     |
| 2009 | 6     | 6   | 16   | 42     | 31     | 0.682     | 0.016     | 0.978 | 0.039     | 0.036     | 0         | 55.9 | 57.2 | 64.5 | 164        | 166        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 16   | 52     | 31     | 0.758     | 0.049     | 0.978 | 0.039     | 0.036     | 0         | 55.9 | 56.3 | 64.1 | 163        | 164        | 0          | 33     | 33     |
| 2009 | 6     | 6   | 17   | 2      | 31     | 0.646     | 0.046     | 0.978 | 0.039     | 0.039     | 0         | 55.5 | 56.8 | 64.5 | 162        | 165        | 0          | 33     | 33     |
| 2009 | 6     | 6   | 17   | 12     | 31     | 0.686     | 0.033     | 0.978 | 0.039     | 0.039     | 0         | 54.6 | 55.9 | 64.9 | 160        | 163        | 0          | 33     | 33     |
| 2009 | 6     | 6   | 17   | 22     | 31     | 0.715     | -0.049    | 0.978 | 0.039     | 0.039     | 0         | 54.6 | 55.9 | 63.6 | 161        | 163        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 17   | 32     | 31     | 0.653     | -0.023    | 0.978 | 0.039     | 0.036     | 0         | 55.5 | 56.3 | 64.1 | 162        | 164        | 0          | 33     | 33     |
| 2009 | 6     | 6   | 17   | 42     | 31     | 0.646     | 0         | 0.978 | 0.039     | 0.036     | 0         | 55.9 | 57.2 | 63.2 | 163        | 166        | 0          | 33     | 33     |
| 2009 | 6     | 6   | 17   | 52     | 31     | 0.689     | -0.033    | 0.978 | 0.039     | 0.039     | 0         | 57.2 | 58.5 | 63.2 | 167        | 168        | 0          | 34     | 32     |
| 2009 | 6     | 6   | 18   | 2      | 31     | 0.663     | -0.007    | 0.981 | 0.039     | 0.036     | 0         | 55   | 56.3 | 63.2 | 162        | 164        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 18   | 12     | 31     | 0.689     | -0.039    | 0.981 | 0.043     | 0.039     | 0         | 54.6 | 56.8 | 63.2 | 161        | 165        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 18   | 22     | 31     | 0.636     | -0.03     | 0.981 | 0.039     | 0.036     | 0         | 55.9 | 56.8 | 63.6 | 164        | 165        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 18   | 32     | 31     | 0.659     | -0.003    | 0.984 | 0.039     | 0.039     | 0         | 56.3 | 57.6 | 63.6 | 164        | 167        | 0          | 33     | 33     |
| 2009 | 6     | 6   | 18   | 42     | 31     | 0.663     | 0.039     | 0.988 | 0.039     | 0.036     | 0         | 54.6 | 55.9 | 64.5 | 161        | 163        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 18   | 52     | 31     | 0.669     | -0.043    | 0.984 | 0.046     | 0.043     | 0         | 54.6 | 55.9 | 64.5 | 160        | 163        | 0          | 33     | 33     |
| 2009 | 6     | 6   | 19   | 2      | 31     | 0.659     | 0         | 0.988 | 0.039     | 0.039     | 0         | 56.3 | 57.2 | 63.6 | 164        | 167        | 0          | 33     | 34     |
| 2009 | 6     | 6   | 19   | 12     | 31     | 0.663     | -0.098    | 0.988 | 0.039     | 0.036     | 0         | 54.6 | 55.9 | 63.6 | 160        | 163        | 0          | 33     | 33     |
| 2009 | 6     | 6   | 19   | 22     | 31     | 0.679     | -0.072    | 0.988 | 0.036     | 0.033     | 0         | 56.8 | 57.6 | 62.8 | 165        | 167        | 0          | 33     | 33     |
| 2009 | 6     | 6   | 19   | 32     | 31     | 0.627     | -0.026    | 0.988 | 0.039     | 0.036     | 0         | 55   | 55.5 | 64.1 | 161        | 162        | 0          | 33     | 33     |
| 2009 | 6     | 6   | 19   | 42     | 31     | 0.633     | -0.033    | 0.988 | 0.039     | 0.036     | 0         | 54.6 | 55   | 65.8 | 160        | 162        | 0          | 33     | 34     |
| 2009 | 6     | 6   | 19   | 52     | 31     | 0.614     | -0.062    | 0.988 | 0.039     | 0.039     | 0         | 55   | 56.3 | 64.1 | 162        | 164        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 20   | 2      | 31     | 0.709     | -0.095    | 0.988 | 0.036     | 0.033     | 0         | 53.8 | 54.6 | 66.2 | 158        | 161        | 0          | 33     | 34     |
| 2009 | 6     | 6   | 20   | 12     | 31     | 0.715     | -0.007    | 0.991 | 0.039     | 0.039     | 0         | 54.2 | 55.5 | 65.4 | 160        | 162        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 20   | 22     | 31     | 0.712     | -0.049    | 0.991 | 0.046     | 0.043     | 0         | 54.6 | 55.9 | 65.4 | 161        | 163        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 20   | 32     | 31     | 0.597     | -0.098    | 0.991 | 0.039     | 0.036     | 0         | 54.6 | 55   | 65.4 | 160        | 162        | 0          | 33     | 34     |
| 2009 | 6     | 6   | 20   | 42     | 31     | 0.709     | -0.069    | 0.991 | 0.039     | 0.036     | 0         | 55   | 55.9 | 65.8 | 161        | 163        | 0          | 33     | 33     |
| 2009 | 6     | 6   | 20   | 52     | 31     | 0.692     | -0.102    | 0.991 | 0.036     | 0.033     | 0         | 55.5 | 55.9 | 64.1 | 162        | 164        | 0          | 33     | 34     |
| 2009 | 6     | 6   | 21   | 2      | 31     | 0.702     | 0.01      | 0.991 | 0.039     | 0.036     | 0         | 55.5 | 56.8 | 64.1 | 163        | 165        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 21   | 12     | 31     | 0.64      | -0.056    | 0.991 | 0.039     | 0.039     | 0         | 55.9 | 56.3 | 64.5 | 163        | 165        | 0          | 33     | 34     |
| 2009 | 6     | 6   | 21   | 22     | 31     | 0.673     | -0.082    | 0.991 | 0.036     | 0.033     | 0         | 55.9 | 57.2 | 64.9 | 164        | 166        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 21   | 32     | 31     | 0.63      | -0.066    | 0.991 | 0.039     | 0.036     | 0         | 56.3 | 57.2 | 63.6 | 165        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 21   | 42     | 31     | 0.696     | -0.052    | 0.991 | 0.039     | 0.039     | 0         | 55.5 | 56.8 | 64.1 | 163        | 165        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 21   | 52     | 31     | 0.663     | -0.102    | 0.991 | 0.036     | 0.033     | 0         | 56.3 | 57.2 | 64.1 | 164        | 167        | 0          | 33     | 34     |
| 2009 | 6     | 6   | 22   | 2      | 31     | 0.623     | -0.016    | 0.994 | 0.039     | 0.036     | 0         | 56.3 | 57.2 | 64.5 | 164        | 166        | 0          | 33     | 33     |
| 2009 | 6     | 6   | 22   | 12     | 31     | 0.689     | -0.066    | 0.991 | 0.039     | 0.039     | 0         | 56.8 | 58   | 62.8 | 166        | 168        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 22   | 22     | 31     | 0.692     | -0.016    | 0.994 | 0.036     | 0.033     | 0         | 56.8 | 57.6 | 63.6 | 166        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 22   | 32     | 31     | 0.656     | -0.079    | 0.994 | 0.039     | 0.036     | 0         | 56.8 | 57.6 | 64.1 | 166        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 22   | 42     | 31     | 0.735     | -0.125    | 0.994 | 0.046     | 0.046     | 0         | 56.8 | 57.6 | 64.9 | 166        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 22   | 52     | 31     | 0.643     | -0.118    | 0.994 | 0.039     | 0.036     | 0         | 56.3 | 57.2 | 63.2 | 165        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 23   | 2      | 31     | 0.676     | -0.112    | 0.994 | 0.033     | 0.03      | 0         | 56.3 | 58.5 | 63.6 | 166        | 169        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 23   | 12     | 31     | 0.62      | -0.108    | 0.994 | 0.046     | 0.043     | 0         | 57.6 | 58   | 62.4 | 167        | 169        | 0          | 33     | 34     |
| 2009 | 6     | 6   | 23   | 22     | 31     | 0.656     | -0.128    | 0.994 | 0.039     | 0.036     | 0         | 58   | 58.9 | 61.9 | 169        | 171        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 23   | 32     | 31     | 0.663     | -0.115    | 0.994 | 0.039     | 0.039     | 0         | 56.3 | 58   | 64.5 | 165        | 168        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 23   | 42     | 31     | 0.692     | -0.148    | 0.994 | 0.039     | 0.039     | 0         | 57.2 | 58.5 | 63.6 | 166        | 170        | 0          | 33     | 34     |
| 2009 | 6     | 6   | 23   | 52     | 31     | 0.702     | -0.144    | 0.994 | 0.043     | 0.039     | 0         | 57.6 | 59.3 | 63.2 | 168        | 171        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 7   | 0    | 2      | 31     | 0.705     | -0.148    | 0.994 | 0.046     | 0.043     | 0         | 57.2 | 58.5 | 63.6 | 167        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 0    | 12     | 31     | 0.663     | -0.095    | 0.994 | 0.039     | 0.036     | 0         | 57.2 | 58.9 | 64.1 | 167        | 171        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 0    | 22     | 31     | 0.686     | -0.092    | 0.994 | 0.039     | 0.036     | 0         | 57.2 | 58.5 | 63.6 | 167        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 0    | 32     | 31     | 0.702     | -0.128    | 0.994 | 0.039     | 0.039     | 0         | 57.6 | 59.3 | 63.2 | 168        | 172        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 0    | 42     | 31     | 0.676     | -0.062    | 0.994 | 0.036     | 0.033     | 0         | 57.6 | 59.3 | 62.8 | 168        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 0    | 52     | 31     | 0.728     | -0.046    | 0.994 | 0.043     | 0.039     | 0         | 57.6 | 58.9 | 64.1 | 168        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 1    | 2      | 31     | 0.699     | -0.089    | 0.994 | 0.043     | 0.039     | 0         | 57.6 | 58.5 | 64.5 | 167        | 170        | 0          | 33     | 34     |
| 2009 | 6     | 7   | 1    | 12     | 31     | 0.568     | -0.046    | 0.997 | 0.033     | 0.03      | 0         | 57.2 | 58.5 | 64.1 | 166        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 1    | 22     | 31     | 0.692     | -0.062    | 0.997 | 0.036     | 0.033     | 0         | 57.2 | 58.5 | 64.1 | 167        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 1    | 32     | 31     | 0.676     | -0.066    | 0.997 | 0.036     | 0.033     | 0         | 57.2 | 58   | 64.9 | 167        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 1    | 42     | 31     | 0.65      | -0.095    | 0.997 | 0.039     | 0.036     | 0         | 57.2 | 57.6 | 64.9 | 167        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 1    | 52     | 31     | 0.666     | -0.144    | 0.997 | 0.036     | 0.033     | 0         | 57.6 | 58.5 | 65.4 | 167        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 2    | 2      | 31     | 0.673     | -0.089    | 0.997 | 0.039     | 0.036     | 0         | 58   | 58.5 | 64.5 | 168        | 170        | 0          | 33     | 34     |
| 2009 | 6     | 7   | 2    | 12     | 31     | 0.745     | -0.112    | 0.997 | 0.039     | 0.036     | 0         | 58   | 59.3 | 64.1 | 169        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 2    | 22     | 31     | 0.669     | -0.128    | 0.997 | 0.043     | 0.039     | 0         | 57.2 | 58.9 | 64.5 | 167        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 2    | 32     | 31     | 0.676     | -0.138    | 0.997 | 0.039     | 0.039     | 0         | 57.6 | 58.5 | 64.9 | 167        | 170        | 0          | 33     | 34     |
| 2009 | 6     | 7   | 2    | 42     | 31     | 0.62      | -0.046    | 0.997 | 0.046     | 0.043     | 0         | 58   | 59.8 | 64.1 | 169        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 2    | 52     | 31     | 0.689     | -0.075    | 0.997 | 0.039     | 0.039     | 0         | 56.8 | 58.5 | 65.4 | 166        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 3    | 2      | 31     | 0.699     | -0.135    | 0.997 | 0.043     | 0.039     | 0         | 57.2 | 58   | 64.9 | 167        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 3    | 12     | 31     | 0.636     | -0.115    | 0.997 | 0.043     | 0.039     | 0         | 56.8 | 58.9 | 65.4 | 167        | 170        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 3    | 22     | 31     | 0.636     | -0.164    | 0.997 | 0.046     | 0.043     | 0         | 57.2 | 58.5 | 64.9 | 167        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 3    | 32     | 31     | 0.699     | -0.046    | 0.997 | 0.039     | 0.039     | 0         | 56.8 | 58   | 65.8 | 166        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 3    | 42     | 31     | 0.722     | -0.043    | 0.997 | 0.033     | 0.03      | 0         | 57.2 | 58.5 | 64.5 | 167        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 3    | 52     | 31     | 0.709     | -0.121    | 0.997 | 0.036     | 0.033     | 0         | 57.2 | 58.5 | 65.8 | 166        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 4    | 2      | 31     | 0.682     | -0.108    | 0.997 | 0.043     | 0.039     | 0         | 57.2 | 58   | 65.4 | 166        | 169        | 0          | 33     | 34     |
| 2009 | 6     | 7   | 4    | 12     | 31     | 0.689     | -0.079    | 0.997 | 0.039     | 0.036     | 0         | 56.8 | 58   | 64.9 | 166        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 4    | 22     | 31     | 0.646     | -0.112    | 0.997 | 0.039     | 0.039     | 0         | 56.8 | 58   | 65.4 | 166        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 4    | 32     | 31     | 0.594     | -0.046    | 0.997 | 0.039     | 0.036     | 0         | 56.3 | 57.6 | 66.2 | 165        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 4    | 42     | 31     | 0.666     | -0.164    | 0.997 | 0.036     | 0.033     | 0         | 56.8 | 58   | 65.8 | 166        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 4    | 52     | 31     | 0.682     | -0.167    | 0.997 | 0.046     | 0.043     | 0         | 55.9 | 57.2 | 65.8 | 164        | 168        | 0          | 34     | 35     |
| 2009 | 6     | 7   | 5    | 2      | 31     | 0.689     | -0.141    | 0.997 | 0.039     | 0.036     | 0         | 55.9 | 57.6 | 66.2 | 164        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 5    | 12     | 31     | 0.686     | 0.013     | 0.997 | 0.039     | 0.036     | 0         | 55.5 | 56.8 | 67.1 | 163        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 5    | 22     | 31     | 0.686     | -0.062    | 0.997 | 0.039     | 0.039     | 0         | 55.5 | 56.8 | 67.5 | 163        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 5    | 32     | 31     | 0.659     | -0.098    | 0.997 | 0.049     | 0.046     | 0         | 55   | 55.9 | 68.4 | 162        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 5    | 42     | 31     | 0.741     | -0.072    | 0.997 | 0.033     | 0.03      | 0         | 54.2 | 55.5 | 68.4 | 161        | 163        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 5    | 52     | 31     | 0.666     | -0.095    | 0.997 | 0.033     | 0.03      | 0         | 55.5 | 55.9 | 68.4 | 162        | 164        | 0          | 33     | 34     |
| 2009 | 6     | 7   | 6    | 2      | 31     | 0.699     | -0.079    | 0.997 | 0.039     | 0.039     | 0         | 54.6 | 55.5 | 68.8 | 161        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 6    | 12     | 31     | 0.699     | -0.062    | 0.997 | 0.043     | 0.039     | 0         | 54.2 | 55.9 | 69.2 | 160        | 163        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 6    | 22     | 31     | 0.643     | -0.079    | 0.997 | 0.039     | 0.036     | 0         | 53.8 | 55.5 | 69.2 | 159        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 6    | 32     | 31     | 0.692     | -0.049    | 0.997 | 0.033     | 0.03      | 0         | 54.2 | 55.5 | 69.2 | 160        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 6    | 42     | 31     | 0.712     | -0.141    | 0.997 | 0.043     | 0.039     | 0         | 55   | 56.3 | 67.9 | 162        | 165        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 6    | 52     | 31     | 0.761     | -0.082    | 0.997 | 0.043     | 0.039     | 0         | 53.8 | 55   | 68.4 | 159        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 7    | 2      | 31     | 0.584     | -0.135    | 0.997 | 0.036     | 0.033     | 0         | 54.6 | 55.9 | 67.9 | 161        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 7    | 12     | 31     | 0.679     | -0.112    | 0.997 | 0.039     | 0.036     | 0         | 54.6 | 55.9 | 68.4 | 161        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 7    | 22     | 31     | 0.666     | -0.085    | 0.997 | 0.039     | 0.036     | 0         | 54.2 | 55.5 | 68.8 | 160        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 7    | 32     | 31     | 0.623     | -0.03     | 0.997 | 0.039     | 0.039     | 0         | 54.2 | 55.9 | 68.8 | 160        | 163        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 7    | 42     | 31     | 0.712     | -0.079    | 0.997 | 0.036     | 0.033     | 0         | 53.3 | 54.6 | 68.8 | 159        | 161        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 7    | 52     | 31     | 0.774     | -0.082    | 0.997 | 0.036     | 0.033     | 0         | 55   | 56.3 | 66.7 | 162        | 164        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 7   | 8    | 2      | 31     | 0.692     | -0.082    | 0.997 | 0.043     | 0.039     | 0         | 54.2 | 55   | 68.4 | 159        | 162        | 0          | 33     | 34     |
| 2009 | 6     | 7   | 8    | 12     | 31     | 0.663     | -0.026    | 0.997 | 0.039     | 0.036     | 0         | 54.2 | 55.9 | 68.8 | 159        | 163        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 8    | 22     | 31     | 0.692     | -0.121    | 0.997 | 0.039     | 0.039     | 0         | 53.8 | 55.5 | 69.2 | 159        | 162        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 8    | 32     | 31     | 0.633     | -0.115    | 0.997 | 0.039     | 0.036     | 0         | 54.6 | 56.3 | 68.4 | 161        | 165        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 8    | 42     | 31     | 0.712     | -0.092    | 0.997 | 0.036     | 0.033     | 0         | 54.2 | 55.5 | 67.9 | 160        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 8    | 52     | 31     | 0.636     | -0.112    | 0.997 | 0.033     | 0.03      | 0         | 55   | 56.3 | 67.9 | 162        | 165        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 9    | 2      | 31     | 0.787     | -0.108    | 0.997 | 0.039     | 0.036     | 0         | 54.2 | 55.9 | 68.8 | 160        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 9    | 12     | 31     | 0.673     | -0.151    | 0.997 | 0.043     | 0.039     | 0         | 54.2 | 55.9 | 68.4 | 160        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 9    | 22     | 31     | 0.669     | -0.102    | 0.997 | 0.039     | 0.039     | 0         | 53.3 | 55   | 69.7 | 158        | 161        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 9    | 32     | 31     | 0.689     | -0.125    | 0.997 | 0.036     | 0.033     | 0         | 53.8 | 54.6 | 69.7 | 159        | 161        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 9    | 42     | 31     | 0.741     | -0.121    | 1.001 | 0.043     | 0.039     | 0         | 55   | 56.3 | 69.2 | 162        | 165        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 9    | 52     | 31     | 0.663     | -0.102    | 0.997 | 0.039     | 0.036     | 0         | 53.8 | 55   | 69.7 | 159        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 10   | 2      | 31     | 0.633     | -0.171    | 1.001 | 0.036     | 0.033     | 0         | 53.8 | 55   | 69.7 | 160        | 162        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 10   | 12     | 31     | 0.709     | -0.112    | 1.001 | 0.039     | 0.039     | 0         | 54.2 | 55.9 | 70.1 | 160        | 163        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 10   | 22     | 31     | 0.63      | -0.085    | 1.001 | 0.039     | 0.036     | 0         | 55   | 57.2 | 67.5 | 162        | 165        | 0          | 34     | 32     |
| 2009 | 6     | 7   | 10   | 32     | 31     | 0.732     | -0.095    | 1.001 | 0.039     | 0.039     | 0         | 54.6 | 56.3 | 68.4 | 161        | 164        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 10   | 42     | 31     | 0.735     | -0.102    | 1.001 | 0.033     | 0.03      | 0         | 56.8 | 58   | 67.5 | 166        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 10   | 52     | 31     | 0.669     | -0.046    | 1.001 | 0.039     | 0.039     | 0         | 55.9 | 56.8 | 68.4 | 164        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 11   | 2      | 31     | 0.686     | -0.052    | 1.001 | 0.039     | 0.039     | 0         | 55   | 55.9 | 69.2 | 161        | 164        | 0          | 33     | 34     |
| 2009 | 6     | 7   | 11   | 12     | 31     | 0.696     | -0.115    | 1.001 | 0.033     | 0.03      | 0         | 54.2 | 55.9 | 70.5 | 160        | 163        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 11   | 22     | 31     | 0.705     | -0.161    | 0.997 | 0.039     | 0.036     | 0         | 55   | 56.8 | 68.4 | 162        | 165        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 11   | 32     | 31     | 0.676     | -0.016    | 1.001 | 0.043     | 0.039     | 0         | 56.3 | 57.2 | 66.7 | 165        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 11   | 42     | 31     | 0.764     | -0.141    | 1.001 | 0.043     | 0.039     | 0         | 57.2 | 57.6 | 67.1 | 166        | 167        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 11   | 52     | 31     | 0.666     | -0.066    | 1.001 | 0.036     | 0.033     | 0         | 55.9 | 57.6 | 67.9 | 164        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 12   | 2      | 31     | 0.748     | -0.043    | 1.001 | 0.039     | 0.036     | 0         | 57.2 | 58.5 | 66.7 | 166        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 12   | 12     | 31     | 0.676     | -0.079    | 1.001 | 0.039     | 0.039     | 0         | 57.2 | 58.9 | 65.8 | 167        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 12   | 22     | 31     | 0.699     | -0.003    | 1.001 | 0.036     | 0.033     | 0         | 56.8 | 58.5 | 66.2 | 166        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 12   | 32     | 31     | 0.676     | 0.007     | 1.001 | 0.033     | 0.03      | 0         | 58   | 59.3 | 64.9 | 168        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 12   | 42     | 31     | 0.679     | -0.026    | 1.001 | 0.046     | 0.043     | 0         | 57.6 | 59.8 | 64.5 | 168        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 12   | 52     | 31     | 0.656     | -0.092    | 0.997 | 0.039     | 0.036     | 0         | 58   | 59.3 | 65.4 | 168        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 13   | 2      | 31     | 0.663     | -0.016    | 1.001 | 0.036     | 0.033     | 0         | 58.9 | 60.2 | 63.6 | 170        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 13   | 12     | 31     | 0.653     | 0.062     | 1.001 | 0.036     | 0.033     | 0         | 58.5 | 60.2 | 64.5 | 169        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 13   | 22     | 31     | 0.705     | -0.033    | 1.001 | 0.039     | 0.036     | 0         | 57.6 | 59.3 | 64.1 | 168        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 13   | 32     | 31     | 0.719     | 0.02      | 1.001 | 0.039     | 0.039     | 0         | 59.3 | 60.6 | 64.5 | 171        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 13   | 42     | 31     | 0.728     | 0.03      | 1.001 | 0.039     | 0.036     | 0         | 59.3 | 60.2 | 62.8 | 171        | 174        | 0          | 33     | 34     |
| 2009 | 6     | 7   | 13   | 52     | 31     | 0.65      | 0.039     | 0.997 | 0.036     | 0.033     | 0         | 60.6 | 61.9 | 62.4 | 174        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 7   | 14   | 2      | 31     | 0.659     | 0.039     | 1.001 | 0.039     | 0.036     | 0         | 60.2 | 61.1 | 61.9 | 173        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 14   | 12     | 31     | 0.741     | -0.039    | 0.997 | 0.036     | 0.033     | 0         | 60.2 | 61.1 | 60.6 | 173        | 176        | 0          | 33     | 34     |
| 2009 | 6     | 7   | 14   | 22     | 31     | 0.676     | 0.046     | 0.997 | 0.043     | 0.039     | 0         | 59.8 | 60.6 | 62.4 | 172        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 14   | 32     | 31     | 0.64      | -0.016    | 0.997 | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 61.5 | 173        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 14   | 42     | 31     | 0.728     | -0.016    | 0.997 | 0.033     | 0.03      | 0         | 60.2 | 61.1 | 62.4 | 173        | 176        | 0          | 33     | 34     |
| 2009 | 6     | 7   | 14   | 52     | 31     | 0.702     | 0.046     | 0.997 | 0.039     | 0.036     | 0         | 58.5 | 59.8 | 63.2 | 169        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 15   | 2      | 31     | 0.732     | -0.007    | 0.997 | 0.039     | 0.036     | 0         | 58.9 | 59.8 | 62.8 | 170        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 15   | 12     | 31     | 0.738     | -0.013    | 0.997 | 0.033     | 0.03      | 0         | 60.2 | 61.5 | 61.9 | 172        | 175        | 0          | 32     | 32     |
| 2009 | 6     | 7   | 15   | 22     | 31     | 0.741     | 0.003     | 0.997 | 0.036     | 0.033     | 0         | 59.3 | 60.6 | 62.4 | 171        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 15   | 32     | 31     | 0.689     | 0.013     | 0.997 | 0.039     | 0.036     | 0         | 60.2 | 61.9 | 61.1 | 173        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 7   | 15   | 42     | 31     | 0.696     | 0.026     | 0.997 | 0.039     | 0.036     | 0         | 59.8 | 61.5 | 61.5 | 172        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 15   | 52     | 31     | 0.64      | 0.098     | 0.997 | 0.039     | 0.036     | 0         | 56.8 | 58   | 64.1 | 166        | 168        | 0          | 34     | 33     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 7   | 16   | 2      | 31     | 0.732     | 0.023     | 0.997 | 0.033     | 0.03      | 0         | 58   | 59.8 | 62.4 | 168        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 7   | 16   | 12     | 31     | 0.689     | 0.02      | 0.997 | 0.033     | 0.03      | 0         | 58   | 60.2 | 62.8 | 169        | 172        | 0          | 34     | 32     |
| 2009 | 6     | 7   | 16   | 22     | 31     | 0.719     | 0.003     | 0.997 | 0.039     | 0.039     | 0         | 58.9 | 60.6 | 60.6 | 171        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 16   | 32     | 31     | 0.735     | -0.003    | 0.997 | 0.039     | 0.039     | 0         | 58.5 | 59.8 | 61.5 | 169        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 16   | 42     | 31     | 0.653     | 0.03      | 0.994 | 0.039     | 0.036     | 0         | 58   | 59.3 | 61.5 | 168        | 170        | 0          | 33     | 32     |
| 2009 | 6     | 7   | 16   | 52     | 31     | 0.705     | 0.007     | 0.997 | 0.039     | 0.036     | 0         | 58   | 59.8 | 62.8 | 168        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 7   | 17   | 2      | 31     | 0.636     | -0.085    | 0.997 | 0.039     | 0.036     | 0         | 57.6 | 59.3 | 62.8 | 167        | 170        | 0          | 33     | 32     |
| 2009 | 6     | 7   | 17   | 12     | 31     | 0.604     | 0.052     | 0.997 | 0.043     | 0.039     | 0         | 58   | 59.8 | 61.9 | 168        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 7   | 17   | 22     | 31     | 0.666     | -0.039    | 0.994 | 0.043     | 0.039     | 0         | 55.9 | 57.2 | 64.5 | 163        | 166        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 17   | 32     | 31     | 0.686     | 0.01      | 0.997 | 0.043     | 0.039     | 0         | 57.2 | 58.5 | 61.9 | 166        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 17   | 42     | 31     | 0.705     | -0.026    | 0.994 | 0.039     | 0.039     | 0         | 57.2 | 58.5 | 62.8 | 166        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 17   | 52     | 31     | 0.725     | -0.03     | 0.997 | 0.046     | 0.043     | 0         | 56.3 | 58.5 | 64.5 | 164        | 168        | 0          | 33     | 32     |
| 2009 | 6     | 7   | 18   | 2      | 31     | 0.715     | -0.075    | 0.994 | 0.039     | 0.036     | 0         | 56.3 | 57.6 | 64.1 | 165        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 18   | 12     | 31     | 0.666     | 0.036     | 0.997 | 0.049     | 0.046     | 0         | 56.3 | 56.8 | 64.1 | 164        | 166        | 0          | 33     | 34     |
| 2009 | 6     | 7   | 18   | 22     | 31     | 0.715     | -0.043    | 0.994 | 0.039     | 0.039     | 0         | 57.2 | 58.9 | 62.8 | 166        | 169        | 0          | 33     | 32     |
| 2009 | 6     | 7   | 18   | 32     | 31     | 0.666     | -0.069    | 0.997 | 0.043     | 0.039     | 0         | 57.2 | 58.9 | 62.8 | 167        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 18   | 42     | 31     | 0.617     | -0.118    | 0.994 | 0.036     | 0.033     | 0         | 57.2 | 59.3 | 62.4 | 167        | 170        | 0          | 34     | 32     |
| 2009 | 6     | 7   | 18   | 52     | 31     | 0.712     | -0.069    | 0.997 | 0.039     | 0.039     | 0         | 56.8 | 58.5 | 62.4 | 166        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 19   | 2      | 31     | 0.682     | -0.092    | 0.997 | 0.043     | 0.039     | 0         | 56.8 | 57.6 | 64.5 | 165        | 167        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 19   | 12     | 31     | 0.643     | 0.013     | 0.997 | 0.039     | 0.039     | 0         | 56.3 | 57.6 | 64.1 | 164        | 167        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 19   | 22     | 31     | 0.705     | -0.016    | 0.997 | 0.039     | 0.036     | 0         | 56.3 | 57.6 | 64.9 | 164        | 167        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 19   | 32     | 31     | 0.719     | -0.046    | 0.997 | 0.039     | 0.039     | 0         | 55.9 | 56.8 | 64.9 | 163        | 165        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 19   | 42     | 31     | 0.709     | -0.131    | 0.997 | 0.039     | 0.036     | 0         | 55.5 | 56.8 | 66.7 | 163        | 165        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 19   | 52     | 31     | 0.65      | -0.092    | 0.997 | 0.039     | 0.039     | 0         | 55.5 | 56.8 | 65.8 | 162        | 165        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 20   | 2      | 31     | 0.722     | -0.118    | 0.994 | 0.036     | 0.033     | 0         | 55.9 | 57.6 | 64.9 | 163        | 166        | 0          | 33     | 32     |
| 2009 | 6     | 7   | 20   | 12     | 31     | 0.715     | -0.102    | 0.997 | 0.036     | 0.033     | 0         | 55.5 | 57.2 | 65.4 | 163        | 165        | 0          | 34     | 32     |
| 2009 | 6     | 7   | 20   | 22     | 31     | 0.696     | -0.066    | 0.997 | 0.039     | 0.039     | 0         | 55.5 | 56.8 | 65.8 | 162        | 165        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 20   | 32     | 31     | 0.653     | -0.089    | 0.997 | 0.039     | 0.039     | 0         | 55.9 | 56.8 | 65.8 | 163        | 165        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 20   | 42     | 31     | 0.715     | -0.036    | 0.997 | 0.043     | 0.039     | 0         | 56.3 | 57.6 | 65.4 | 164        | 167        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 20   | 52     | 31     | 0.643     | -0.059    | 0.997 | 0.043     | 0.039     | 0         | 56.3 | 58   | 63.6 | 165        | 168        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 21   | 2      | 31     | 0.732     | -0.059    | 0.997 | 0.039     | 0.036     | 0         | 57.2 | 58   | 63.6 | 166        | 168        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 21   | 12     | 31     | 0.686     | -0.105    | 0.997 | 0.039     | 0.039     | 0         | 58   | 58.9 | 63.2 | 168        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 21   | 22     | 31     | 0.722     | -0.03     | 0.997 | 0.039     | 0.036     | 0         | 58.9 | 59.3 | 61.5 | 170        | 172        | 0          | 33     | 34     |
| 2009 | 6     | 7   | 21   | 32     | 31     | 0.738     | -0.069    | 0.997 | 0.043     | 0.039     | 0         | 58.9 | 60.2 | 61.5 | 170        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 21   | 42     | 31     | 0.719     | 0         | 0.997 | 0.039     | 0.036     | 0         | 59.8 | 60.6 | 60.6 | 173        | 175        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 21   | 52     | 31     | 0.699     | -0.102    | 0.997 | 0.043     | 0.043     | 0         | 58.9 | 60.2 | 61.9 | 170        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 22   | 2      | 31     | 0.653     | -0.138    | 0.997 | 0.043     | 0.039     | 0         | 58   | 58.9 | 62.8 | 168        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 22   | 12     | 31     | 0.607     | -0.144    | 0.997 | 0.043     | 0.039     | 0         | 58   | 59.3 | 62.8 | 169        | 172        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 22   | 22     | 31     | 0.676     | -0.052    | 0.997 | 0.039     | 0.036     | 0         | 58.5 | 60.2 | 63.2 | 169        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 22   | 32     | 31     | 0.699     | -0.059    | 0.997 | 0.043     | 0.039     | 0         | 58   | 59.3 | 63.6 | 168        | 170        | 0          | 33     | 32     |
| 2009 | 6     | 7   | 22   | 42     | 31     | 0.633     | -0.059    | 0.997 | 0.046     | 0.043     | 0         | 58.5 | 59.3 | 63.2 | 169        | 172        | 0          | 33     | 34     |
| 2009 | 6     | 7   | 22   | 52     | 31     | 0.604     | -0.043    | 0.997 | 0.033     | 0.033     | 0         | 58.5 | 60.6 | 61.9 | 170        | 173        | 0          | 34     | 32     |
| 2009 | 6     | 7   | 23   | 2      | 31     | 0.669     | -0.108    | 0.997 | 0.039     | 0.036     | 0         | 58   | 59.8 | 62.8 | 169        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 23   | 12     | 31     | 0.686     | -0.049    | 0.997 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 63.6 | 170        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 23   | 22     | 31     | 0.663     | -0.148    | 0.997 | 0.046     | 0.043     | 0         | 58.5 | 59.8 | 63.2 | 169        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 23   | 32     | 31     | 0.656     | -0.049    | 0.997 | 0.039     | 0.039     | 0         | 58   | 60.2 | 63.2 | 169        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 23   | 42     | 31     | 0.633     | -0.072    | 1.001 | 0.046     | 0.046     | 0         | 58   | 59.8 | 63.6 | 169        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 23   | 52     | 31     | 0.787     | -0.072    | 1.001 | 0.049     | 0.046     | 0         | 58.5 | 60.2 | 62.8 | 170        | 173        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 8   | 0    | 2      | 31     | 0.62      | -0.059    | 1.001 | 0.036     | 0.033     | 0         | 58.9 | 60.2 | 61.9 | 171        | 174        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 0    | 12     | 31     | 0.627     | -0.043    | 1.001 | 0.036     | 0.033     | 0         | 59.3 | 60.6 | 62.4 | 172        | 175        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 0    | 22     | 31     | 0.62      | -0.072    | 1.001 | 0.036     | 0.033     | 0         | 58.5 | 60.6 | 62.8 | 170        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 0    | 32     | 31     | 0.669     | -0.066    | 1.001 | 0.039     | 0.039     | 0         | 58.9 | 60.6 | 63.2 | 171        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 0    | 42     | 31     | 0.682     | -0.144    | 1.001 | 0.046     | 0.043     | 0         | 58.9 | 60.6 | 62.8 | 170        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 0    | 52     | 31     | 0.666     | -0.115    | 1.001 | 0.043     | 0.043     | 0         | 59.3 | 61.1 | 62.4 | 172        | 176        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 1    | 2      | 31     | 0.686     | -0.075    | 1.001 | 0.049     | 0.046     | 0         | 59.3 | 61.1 | 62.4 | 171        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 1    | 12     | 31     | 0.659     | -0.095    | 1.001 | 0.039     | 0.039     | 0         | 58.5 | 60.6 | 63.2 | 170        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 1    | 22     | 31     | 0.679     | -0.174    | 1.001 | 0.036     | 0.033     | 0         | 59.3 | 61.1 | 61.5 | 172        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 1    | 32     | 31     | 0.719     | -0.141    | 1.001 | 0.046     | 0.043     | 0         | 58.9 | 60.6 | 61.5 | 171        | 175        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 1    | 42     | 31     | 0.709     | -0.046    | 1.001 | 0.036     | 0.033     | 0         | 58.9 | 60.6 | 62.4 | 171        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 1    | 52     | 31     | 0.686     | -0.075    | 1.001 | 0.043     | 0.039     | 0         | 58.9 | 61.1 | 62.4 | 171        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 2    | 2      | 31     | 0.669     | -0.026    | 1.001 | 0.043     | 0.039     | 0         | 58.5 | 60.2 | 62.4 | 170        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 2    | 12     | 31     | 0.735     | -0.043    | 1.001 | 0.046     | 0.043     | 0         | 58.9 | 60.2 | 62.4 | 170        | 174        | 0          | 33     | 34     |
| 2009 | 6     | 8   | 2    | 22     | 31     | 0.673     | -0.066    | 1.001 | 0.039     | 0.039     | 0         | 58.9 | 60.2 | 62.4 | 171        | 174        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 2    | 32     | 31     | 0.686     | -0.079    | 1.001 | 0.043     | 0.039     | 0         | 59.3 | 60.2 | 61.9 | 171        | 174        | 0          | 33     | 34     |
| 2009 | 6     | 8   | 2    | 42     | 31     | 0.725     | -0.049    | 1.001 | 0.046     | 0.043     | 0         | 58.5 | 60.6 | 62.8 | 170        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 2    | 52     | 31     | 0.692     | -0.046    | 1.001 | 0.039     | 0.039     | 0         | 59.8 | 60.6 | 61.5 | 172        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 3    | 2      | 31     | 0.659     | -0.075    | 1.001 | 0.039     | 0.036     | 0         | 58.5 | 60.2 | 62.8 | 170        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 3    | 12     | 31     | 0.679     | -0.046    | 1.001 | 0.046     | 0.043     | 0         | 58.9 | 59.8 | 63.2 | 170        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 3    | 22     | 31     | 0.682     | -0.112    | 1.001 | 0.046     | 0.043     | 0         | 58   | 60.2 | 63.2 | 169        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 3    | 32     | 31     | 0.741     | -0.108    | 1.001 | 0.039     | 0.036     | 0         | 58.9 | 60.6 | 62.8 | 171        | 175        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 3    | 42     | 31     | 0.676     | -0.112    | 1.001 | 0.043     | 0.039     | 0         | 58.9 | 61.1 | 61.9 | 171        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 3    | 52     | 31     | 0.781     | -0.089    | 1.001 | 0.043     | 0.039     | 0         | 58.5 | 60.6 | 63.2 | 170        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 4    | 2      | 31     | 0.617     | -0.066    | 1.001 | 0.043     | 0.039     | 0         | 58.5 | 59.8 | 63.2 | 170        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 4    | 12     | 31     | 0.627     | -0.079    | 1.001 | 0.039     | 0.039     | 0         | 58.5 | 60.2 | 62.4 | 170        | 174        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 4    | 22     | 31     | 0.643     | -0.115    | 1.001 | 0.043     | 0.039     | 0         | 57.2 | 59.3 | 63.6 | 168        | 172        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 4    | 32     | 31     | 0.653     | -0.135    | 1.001 | 0.039     | 0.039     | 0         | 58   | 59.8 | 62.4 | 169        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 4    | 42     | 31     | 0.636     | -0.036    | 1.001 | 0.049     | 0.049     | 0         | 58   | 60.2 | 63.2 | 169        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 4    | 52     | 31     | 0.64      | -0.121    | 1.001 | 0.039     | 0.036     | 0         | 58   | 59.8 | 63.2 | 169        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 5    | 2      | 31     | 0.748     | -0.013    | 1.001 | 0.039     | 0.039     | 0         | 57.6 | 59.8 | 64.1 | 168        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 5    | 12     | 31     | 0.64      | -0.082    | 1.001 | 0.043     | 0.039     | 0         | 57.2 | 58.9 | 65.4 | 166        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 5    | 22     | 31     | 0.666     | -0.164    | 1.001 | 0.043     | 0.039     | 0         | 57.2 | 58.5 | 65.4 | 166        | 170        | 0          | 33     | 34     |
| 2009 | 6     | 8   | 5    | 32     | 31     | 0.669     | -0.135    | 1.001 | 0.039     | 0.036     | 0         | 56.8 | 58   | 65.8 | 166        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 5    | 42     | 31     | 0.686     | -0.125    | 1.001 | 0.036     | 0.033     | 0         | 57.2 | 58   | 65.4 | 166        | 169        | 0          | 33     | 34     |
| 2009 | 6     | 8   | 5    | 52     | 31     | 0.768     | -0.121    | 1.001 | 0.039     | 0.039     | 0         | 57.6 | 58.9 | 64.1 | 167        | 171        | 0          | 33     | 34     |
| 2009 | 6     | 8   | 6    | 2      | 31     | 0.676     | -0.066    | 1.001 | 0.039     | 0.036     | 0         | 58.9 | 60.2 | 61.9 | 171        | 174        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 6    | 12     | 31     | 0.705     | -0.079    | 1.001 | 0.039     | 0.039     | 0         | 58.5 | 59.8 | 64.1 | 169        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 6    | 22     | 31     | 0.663     | -0.102    | 1.001 | 0.043     | 0.039     | 0         | 57.6 | 58.9 | 64.9 | 167        | 171        | 0          | 33     | 34     |
| 2009 | 6     | 8   | 6    | 32     | 31     | 0.669     | -0.062    | 1.001 | 0.039     | 0.039     | 0         | 57.2 | 59.3 | 64.9 | 167        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 6    | 42     | 31     | 0.643     | -0.049    | 1.001 | 0.036     | 0.033     | 0         | 57.2 | 58.9 | 64.5 | 167        | 171        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 6    | 52     | 31     | 0.643     | -0.072    | 1.001 | 0.039     | 0.039     | 0         | 58   | 59.8 | 62.8 | 169        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 7    | 2      | 31     | 0.758     | -0.108    | 1.001 | 0.043     | 0.039     | 0         | 57.6 | 59.8 | 63.6 | 168        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 7    | 12     | 31     | 0.735     | -0.154    | 1.001 | 0.056     | 0.052     | 0         | 58.5 | 59.3 | 63.6 | 169        | 172        | 0          | 33     | 34     |
| 2009 | 6     | 8   | 7    | 22     | 31     | 0.643     | -0.062    | 1.001 | 0.043     | 0.039     | 0         | 57.6 | 59.8 | 63.2 | 168        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 7    | 32     | 31     | 0.673     | -0.046    | 1.001 | 0.043     | 0.043     | 0         | 58   | 59.8 | 64.1 | 168        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 7    | 42     | 31     | 0.719     | -0.046    | 1.001 | 0.043     | 0.039     | 0         | 57.6 | 58.9 | 64.5 | 167        | 171        | 0          | 33     | 34     |
| 2009 | 6     | 8   | 7    | 52     | 31     | 0.64      | -0.118    | 1.001 | 0.046     | 0.043     | 0         | 57.2 | 59.3 | 64.5 | 167        | 171        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 8   | 8    | 2      | 31     | 0.761     | -0.184    | 1.001 | 0.039     | 0.039     | 0         | 57.6 | 59.3 | 63.2 | 168        | 172        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 8    | 12     | 31     | 0.623     | -0.128    | 1.001 | 0.056     | 0.052     | 0         | 58   | 60.2 | 62.8 | 169        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 8    | 22     | 31     | 0.689     | -0.098    | 1.001 | 0.043     | 0.043     | 0         | 58.5 | 60.2 | 62.4 | 170        | 174        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 8    | 32     | 31     | 0.696     | -0.102    | 1.001 | 0.039     | 0.036     | 0         | 57.6 | 59.3 | 63.2 | 168        | 172        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 8    | 42     | 31     | 0.673     | -0.062    | 1.001 | 0.043     | 0.039     | 0         | 58   | 59.8 | 64.1 | 169        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 8    | 52     | 31     | 0.686     | -0.075    | 1.001 | 0.039     | 0.039     | 0         | 57.6 | 58.9 | 64.1 | 168        | 171        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 9    | 2      | 31     | 0.755     | -0.154    | 1.001 | 0.036     | 0.033     | 0         | 58   | 59.8 | 63.6 | 169        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 9    | 12     | 31     | 0.696     | -0.085    | 1.001 | 0.043     | 0.039     | 0         | 57.6 | 59.3 | 64.5 | 168        | 172        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 9    | 22     | 31     | 0.764     | -0.039    | 1.001 | 0.043     | 0.039     | 0         | 56.8 | 58.9 | 65.4 | 166        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 9    | 32     | 31     | 0.682     | -0.115    | 1.001 | 0.043     | 0.039     | 0         | 57.6 | 58.9 | 64.5 | 168        | 171        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 9    | 42     | 31     | 0.696     | -0.089    | 1.001 | 0.052     | 0.049     | 0         | 57.6 | 59.8 | 63.6 | 167        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 9    | 52     | 31     | 0.709     | -0.108    | 1.001 | 0.043     | 0.039     | 0         | 59.3 | 61.1 | 62.8 | 171        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 10   | 2      | 31     | 0.758     | -0.052    | 1.001 | 0.039     | 0.036     | 0         | 57.2 | 58.9 | 64.9 | 166        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 10   | 12     | 31     | 0.676     | -0.108    | 1.001 | 0.039     | 0.036     | 0         | 57.6 | 58.9 | 64.9 | 167        | 171        | 0          | 33     | 34     |
| 2009 | 6     | 8   | 10   | 22     | 31     | 0.712     | -0.066    | 1.001 | 0.043     | 0.039     | 0         | 56.8 | 58.9 | 64.5 | 166        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 10   | 32     | 31     | 0.702     | -0.157    | 1.001 | 0.039     | 0.039     | 0         | 58   | 59.8 | 64.5 | 168        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 10   | 42     | 31     | 0.801     | -0.013    | 1.001 | 0.039     | 0.039     | 0         | 58.9 | 60.6 | 64.5 | 170        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 10   | 52     | 31     | 0.633     | -0.085    | 1.001 | 0.043     | 0.039     | 0         | 59.8 | 61.9 | 62.4 | 172        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 8   | 11   | 2      | 31     | 0.719     | -0.089    | 1.001 | 0.039     | 0.039     | 0         | 58.9 | 60.6 | 61.9 | 171        | 175        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 11   | 12     | 31     | 0.61      | -0.085    | 1.001 | 0.039     | 0.036     | 0         | 58.9 | 60.6 | 63.6 | 170        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 8   | 11   | 22     | 31     | 0.673     | -0.033    | 1.001 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 63.2 | 171        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 11   | 32     | 31     | 0.682     | -0.026    | 1.001 | 0.039     | 0.039     | 0         | 59.3 | 60.6 | 63.2 | 171        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 11   | 42     | 31     | 0.725     | -0.154    | 1.001 | 0.039     | 0.036     | 0         | 59.3 | 61.1 | 62.4 | 171        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 11   | 52     | 31     | 0.65      | -0.03     | 1.001 | 0.039     | 0.039     | 0         | 59.3 | 60.6 | 62.8 | 171        | 175        | 0          | 33     | 34     |
| 2009 | 6     | 8   | 12   | 2      | 31     | 0.666     | -0.075    | 1.001 | 0.033     | 0.03      | 0         | 60.2 | 61.9 | 61.9 | 173        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 12   | 12     | 31     | 0.699     | 0         | 1.001 | 0.039     | 0.039     | 0         | 59.8 | 61.5 | 61.1 | 172        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 12   | 22     | 31     | 0.719     | -0.033    | 1.001 | 0.043     | 0.039     | 0         | 60.6 | 62.8 | 58.9 | 174        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 12   | 32     | 31     | 0.65      | -0.023    | 1.001 | 0.039     | 0.036     | 0         | 60.6 | 62.8 | 60.2 | 175        | 179        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 12   | 42     | 31     | 0.65      | -0.023    | 1.001 | 0.043     | 0.039     | 0         | 61.5 | 63.2 | 58.5 | 176        | 181        | 0          | 33     | 34     |
| 2009 | 6     | 8   | 12   | 52     | 31     | 0.63      | 0.075     | 1.001 | 0.046     | 0.046     | 0         | 61.1 | 63.2 | 57.6 | 175        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 13   | 2      | 31     | 0.643     | 0.013     | 0.997 | 0.039     | 0.036     | 0         | 60.6 | 62.4 | 58.9 | 174        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 13   | 12     | 31     | 0.692     | 0.03      | 1.001 | 0.036     | 0.033     | 0         | 62.4 | 63.6 | 56.8 | 178        | 182        | 0          | 33     | 34     |
| 2009 | 6     | 8   | 13   | 22     | 31     | 0.719     | -0.049    | 0.997 | 0.039     | 0.039     | 0         | 60.6 | 62.8 | 58   | 175        | 179        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 13   | 32     | 31     | 0.682     | 0.079     | 1.001 | 0.039     | 0.039     | 0         | 60.2 | 62.8 | 60.2 | 173        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 13   | 42     | 31     | 0.728     | 0         | 1.001 | 0.039     | 0.036     | 0         | 61.1 | 63.2 | 59.3 | 176        | 180        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 13   | 52     | 31     | 0.732     | -0.01     | 1.001 | 0.039     | 0.036     | 0         | 62.8 | 64.9 | 55.9 | 179        | 183        | 0          | 33     | 32     |
| 2009 | 6     | 8   | 14   | 2      | 31     | 0.646     | 0         | 1.001 | 0.036     | 0.033     | 0         | 61.9 | 64.5 | 58.9 | 177        | 182        | 0          | 33     | 32     |
| 2009 | 6     | 8   | 14   | 12     | 31     | 0.571     | -0.059    | 0.997 | 0.039     | 0.039     | 0         | 62.4 | 64.9 | 56.3 | 178        | 183        | 0          | 33     | 32     |
| 2009 | 6     | 8   | 14   | 22     | 31     | 0.676     | 0.036     | 1.001 | 0.039     | 0.039     | 0         | 62.8 | 64.9 | 57.6 | 179        | 183        | 0          | 33     | 32     |
| 2009 | 6     | 8   | 14   | 32     | 31     | 0.702     | -0.01     | 1.001 | 0.033     | 0.03      | 0         | 63.2 | 64.9 | 55.5 | 180        | 183        | 0          | 33     | 32     |
| 2009 | 6     | 8   | 14   | 42     | 31     | 0.65      | -0.016    | 1.001 | 0.039     | 0.036     | 0         | 64.1 | 65.4 | 54.2 | 182        | 185        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 14   | 52     | 31     | 0.591     | 0.049     | 0.997 | 0.043     | 0.039     | 0         | 63.2 | 65.4 | 54.6 | 181        | 185        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 15   | 2      | 31     | 0.676     | -0.085    | 0.997 | 0.039     | 0.036     | 0         | 63.2 | 65.4 | 54.6 | 180        | 185        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 15   | 12     | 31     | 0.669     | -0.016    | 1.001 | 0.036     | 0.033     | 0         | 63.2 | 65.8 | 55.9 | 180        | 185        | 0          | 33     | 32     |
| 2009 | 6     | 8   | 15   | 22     | 31     | 0.715     | -0.092    | 0.997 | 0.039     | 0.036     | 0         | 63.2 | 64.9 | 54.6 | 180        | 184        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 15   | 32     | 31     | 0.63      | 0.026     | 0.997 | 0.039     | 0.036     | 0         | 63.6 | 65.4 | 53.3 | 180        | 185        | 0          | 32     | 33     |
| 2009 | 6     | 8   | 15   | 42     | 31     | 0.686     | -0.026    | 0.997 | 0.043     | 0.039     | 0         | 62.8 | 64.9 | 54.2 | 179        | 184        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 15   | 52     | 31     | 0.666     | -0.016    | 0.997 | 0.036     | 0.033     | 0         | 63.6 | 65.8 | 53.3 | 181        | 186        | 0          | 33     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 8   | 16   | 2      | 31     | 0.692     | -0.016    | 0.994 | 0.039     | 0.036     | 0         | 62.8 | 64.9 | 54.2 | 179        | 184        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 16   | 12     | 31     | 0.705     | 0         | 0.994 | 0.039     | 0.039     | 0         | 62.8 | 65.8 | 54.2 | 179        | 185        | 0          | 33     | 32     |
| 2009 | 6     | 8   | 16   | 22     | 31     | 0.659     | -0.036    | 0.994 | 0.043     | 0.039     | 0         | 62.4 | 64.1 | 55   | 178        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 16   | 32     | 31     | 0.63      | -0.013    | 0.997 | 0.043     | 0.039     | 0         | 62.4 | 63.6 | 55   | 177        | 181        | 0          | 32     | 33     |
| 2009 | 6     | 8   | 16   | 42     | 31     | 0.699     | 0.056     | 0.994 | 0.033     | 0.03      | 0         | 60.2 | 62.8 | 57.2 | 174        | 178        | 0          | 34     | 32     |
| 2009 | 6     | 8   | 16   | 52     | 31     | 0.682     | -0.072    | 0.994 | 0.043     | 0.039     | 0         | 60.2 | 62.4 | 57.2 | 173        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 17   | 2      | 31     | 0.738     | -0.062    | 0.997 | 0.039     | 0.036     | 0         | 60.6 | 62.4 | 57.2 | 174        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 17   | 12     | 31     | 0.676     | 0.098     | 0.994 | 0.043     | 0.039     | 0         | 59.8 | 61.1 | 59.3 | 171        | 175        | 0          | 32     | 33     |
| 2009 | 6     | 8   | 17   | 22     | 31     | 0.719     | 0.003     | 0.994 | 0.039     | 0.039     | 0         | 60.2 | 61.9 | 58   | 173        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 17   | 32     | 31     | 0.791     | -0.052    | 0.994 | 0.039     | 0.039     | 0         | 60.2 | 61.9 | 56.3 | 173        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 17   | 42     | 31     | 0.741     | -0.082    | 0.994 | 0.036     | 0.033     | 0         | 61.5 | 63.6 | 54.6 | 176        | 180        | 0          | 33     | 32     |
| 2009 | 6     | 8   | 17   | 52     | 31     | 0.682     | -0.052    | 0.994 | 0.049     | 0.049     | 0         | 60.2 | 61.9 | 57.2 | 173        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 18   | 2      | 31     | 0.61      | -0.102    | 0.994 | 0.039     | 0.039     | 0         | 58.5 | 61.1 | 58.9 | 170        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 18   | 12     | 31     | 0.65      | -0.007    | 0.994 | 0.039     | 0.039     | 0         | 59.8 | 61.5 | 55.9 | 172        | 177        | 0          | 33     | 34     |
| 2009 | 6     | 8   | 18   | 22     | 31     | 0.771     | -0.013    | 0.994 | 0.039     | 0.039     | 0         | 59.3 | 60.6 | 58   | 170        | 174        | 0          | 32     | 33     |
| 2009 | 6     | 8   | 18   | 32     | 31     | 0.833     | -0.043    | 0.994 | 0.043     | 0.039     | 0         | 59.3 | 61.1 | 58.9 | 171        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 18   | 42     | 31     | 0.682     | -0.072    | 0.994 | 0.033     | 0.03      | 0         | 59.3 | 61.5 | 58   | 171        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 8   | 18   | 52     | 31     | 0.745     | 0.003     | 0.991 | 0.039     | 0.036     | 0         | 58.9 | 61.1 | 57.6 | 170        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 19   | 2      | 31     | 0.669     | -0.023    | 0.988 | 0.043     | 0.039     | 0         | 61.9 | 64.5 | 48.2 | 177        | 182        | 0          | 33     | 32     |
| 2009 | 6     | 8   | 19   | 12     | 31     | 0.696     | -0.033    | 0.991 | 0.039     | 0.039     | 0         | 59.8 | 61.5 | 54.6 | 172        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 19   | 22     | 31     | 0.653     | 0.013     | 0.991 | 0.036     | 0.033     | 0         | 58.5 | 59.8 | 58.9 | 168        | 172        | 0          | 32     | 33     |
| 2009 | 6     | 8   | 19   | 32     | 31     | 0.633     | -0.098    | 0.991 | 0.043     | 0.039     | 0         | 59.8 | 61.9 | 55   | 172        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 19   | 42     | 31     | 0.679     | -0.108    | 0.991 | 0.039     | 0.036     | 0         | 59.3 | 61.5 | 55   | 172        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 19   | 52     | 31     | 0.64      | -0.049    | 0.988 | 0.033     | 0.03      | 0         | 58.9 | 61.5 | 55   | 171        | 175        | 0          | 34     | 32     |
| 2009 | 6     | 8   | 20   | 2      | 31     | 0.682     | -0.056    | 0.991 | 0.043     | 0.039     | 0         | 58.5 | 60.2 | 56.3 | 169        | 174        | 0          | 33     | 34     |
| 2009 | 6     | 8   | 20   | 12     | 31     | 0.696     | -0.138    | 0.991 | 0.033     | 0.03      | 0         | 58.5 | 60.2 | 57.6 | 169        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 20   | 22     | 31     | 0.653     | -0.095    | 0.991 | 0.039     | 0.036     | 0         | 58   | 60.6 | 56.8 | 168        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 20   | 32     | 31     | 0.568     | -0.082    | 0.988 | 0.043     | 0.039     | 0         | 58.9 | 61.1 | 55.9 | 170        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 20   | 42     | 31     | 0.679     | -0.161    | 0.984 | 0.043     | 0.039     | 0         | 58.9 | 61.5 | 53.3 | 171        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 20   | 52     | 31     | 0.607     | -0.085    | 0.984 | 0.036     | 0.033     | 0         | 59.8 | 61.9 | 51.6 | 172        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 8   | 21   | 2      | 31     | 0.705     | -0.141    | 0.988 | 0.046     | 0.043     | 0         | 60.6 | 62.8 | 53.3 | 174        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 21   | 12     | 31     | 0.696     | -0.059    | 0.988 | 0.036     | 0.033     | 0         | 59.3 | 61.9 | 54.2 | 172        | 177        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 21   | 22     | 31     | 0.673     | -0.075    | 0.991 | 0.036     | 0.033     | 0         | 60.2 | 62.4 | 55.9 | 173        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 21   | 32     | 31     | 0.751     | -0.148    | 0.991 | 0.039     | 0.036     | 0         | 59.8 | 61.5 | 56.8 | 172        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 21   | 42     | 31     | 0.669     | -0.039    | 0.991 | 0.036     | 0.033     | 0         | 59.8 | 61.9 | 55.9 | 172        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 21   | 52     | 31     | 0.715     | -0.131    | 0.994 | 0.049     | 0.046     | 0         | 59.3 | 61.9 | 57.2 | 172        | 177        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 22   | 2      | 31     | 0.705     | -0.036    | 0.994 | 0.039     | 0.036     | 0         | 59.3 | 61.9 | 58.5 | 172        | 177        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 22   | 12     | 31     | 0.715     | -0.052    | 0.997 | 0.043     | 0.039     | 0         | 60.2 | 62.4 | 58.9 | 173        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 22   | 22     | 31     | 0.689     | -0.075    | 0.994 | 0.036     | 0.033     | 0         | 58.5 | 60.6 | 58.9 | 169        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 22   | 32     | 31     | 0.666     | -0.082    | 0.994 | 0.039     | 0.039     | 0         | 58   | 60.2 | 58.9 | 168        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 22   | 42     | 31     | 0.696     | -0.079    | 0.994 | 0.056     | 0.052     | 0         | 59.8 | 62.4 | 56.8 | 172        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 22   | 52     | 31     | 0.643     | -0.072    | 0.994 | 0.039     | 0.036     | 0         | 58.9 | 61.1 | 58   | 171        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 23   | 2      | 31     | 0.682     | -0.108    | 0.994 | 0.043     | 0.039     | 0         | 59.3 | 61.5 | 59.8 | 171        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 23   | 12     | 31     | 0.607     | -0.138    | 0.997 | 0.049     | 0.049     | 0         | 61.5 | 63.6 | 59.8 | 176        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 23   | 22     | 31     | 0.732     | -0.167    | 0.994 | 0.039     | 0.036     | 0         | 58   | 60.2 | 61.1 | 168        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 23   | 32     | 31     | 0.689     | -0.033    | 0.997 | 0.043     | 0.039     | 0         | 58   | 60.6 | 60.6 | 169        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 23   | 42     | 31     | 0.715     | -0.098    | 0.994 | 0.036     | 0.033     | 0         | 59.3 | 61.5 | 57.6 | 171        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 23   | 52     | 31     | 0.722     | -0.03     | 0.997 | 0.049     | 0.046     | 0         | 58.5 | 61.1 | 60.2 | 170        | 175        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 9   | 0    | 2      | 31     | 0.764     | -0.092    | 0.997 | 0.046     | 0.043     | 0         | 58   | 59.8 | 61.5 | 169        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 0    | 12     | 31     | 0.745     | 0         | 0.994 | 0.039     | 0.039     | 0         | 57.6 | 60.2 | 60.6 | 168        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 0    | 22     | 31     | 0.692     | -0.052    | 0.994 | 0.039     | 0.036     | 0         | 59.3 | 61.9 | 58   | 171        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 0    | 32     | 31     | 0.689     | -0.105    | 0.997 | 0.039     | 0.039     | 0         | 58.5 | 60.6 | 60.2 | 170        | 175        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 0    | 42     | 31     | 0.699     | -0.049    | 0.997 | 0.039     | 0.036     | 0         | 58.5 | 60.2 | 61.5 | 169        | 174        | 0          | 33     | 34     |
| 2009 | 6     | 9   | 0    | 52     | 31     | 0.768     | -0.098    | 0.997 | 0.039     | 0.036     | 0         | 57.6 | 59.8 | 61.5 | 167        | 173        | 0          | 33     | 34     |
| 2009 | 6     | 9   | 1    | 2      | 31     | 0.663     | -0.121    | 0.997 | 0.036     | 0.033     | 0         | 58.5 | 61.1 | 61.1 | 169        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 9   | 1    | 12     | 31     | 0.673     | -0.082    | 0.997 | 0.036     | 0.033     | 0         | 58   | 59.8 | 61.5 | 168        | 173        | 0          | 33     | 34     |
| 2009 | 6     | 9   | 1    | 22     | 31     | 0.735     | -0.069    | 0.997 | 0.043     | 0.039     | 0         | 58.9 | 61.5 | 60.2 | 170        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 1    | 32     | 31     | 0.627     | -0.036    | 0.997 | 0.043     | 0.039     | 0         | 58   | 60.6 | 60.2 | 169        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 1    | 42     | 31     | 0.755     | -0.066    | 0.997 | 0.039     | 0.039     | 0         | 58   | 60.2 | 61.1 | 168        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 1    | 52     | 31     | 0.732     | -0.131    | 0.997 | 0.039     | 0.039     | 0         | 58   | 60.2 | 61.1 | 169        | 174        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 2    | 2      | 31     | 0.682     | -0.069    | 0.997 | 0.036     | 0.033     | 0         | 58.5 | 60.6 | 61.5 | 169        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 2    | 12     | 31     | 0.617     | -0.066    | 0.997 | 0.046     | 0.046     | 0         | 58.9 | 61.1 | 60.2 | 170        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 2    | 22     | 31     | 0.728     | -0.023    | 0.997 | 0.043     | 0.039     | 0         | 57.6 | 59.8 | 61.9 | 168        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 2    | 32     | 31     | 0.669     | -0.118    | 0.997 | 0.039     | 0.039     | 0         | 57.6 | 60.2 | 61.5 | 168        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 2    | 42     | 31     | 0.673     | -0.138    | 0.997 | 0.039     | 0.039     | 0         | 58.5 | 60.6 | 61.5 | 169        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 2    | 52     | 31     | 0.636     | -0.148    | 0.997 | 0.043     | 0.039     | 0         | 58   | 61.1 | 61.1 | 169        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 3    | 2      | 31     | 0.692     | -0.092    | 0.997 | 0.039     | 0.036     | 0         | 57.6 | 60.6 | 63.2 | 168        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 3    | 12     | 31     | 0.722     | -0.095    | 0.997 | 0.046     | 0.043     | 0         | 58   | 60.2 | 61.5 | 168        | 174        | 0          | 33     | 34     |
| 2009 | 6     | 9   | 3    | 22     | 31     | 0.63      | -0.154    | 0.997 | 0.043     | 0.039     | 0         | 58.5 | 61.1 | 60.6 | 170        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 3    | 32     | 31     | 0.663     | -0.151    | 0.997 | 0.039     | 0.039     | 0         | 56.8 | 59.8 | 64.1 | 166        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 3    | 42     | 31     | 0.666     | -0.046    | 0.997 | 0.039     | 0.039     | 0         | 57.6 | 59.3 | 63.6 | 167        | 172        | 0          | 33     | 34     |
| 2009 | 6     | 9   | 3    | 52     | 31     | 0.673     | -0.095    | 0.997 | 0.039     | 0.039     | 0         | 58   | 60.2 | 62.8 | 168        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 4    | 2      | 31     | 0.64      | -0.095    | 0.997 | 0.039     | 0.036     | 0         | 57.6 | 59.8 | 62.8 | 167        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 4    | 12     | 31     | 0.636     | -0.059    | 0.997 | 0.039     | 0.039     | 0         | 57.2 | 59.8 | 63.2 | 167        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 4    | 22     | 31     | 0.692     | -0.085    | 0.997 | 0.043     | 0.039     | 0         | 58.5 | 61.1 | 62.4 | 170        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 4    | 32     | 31     | 0.699     | -0.102    | 0.997 | 0.039     | 0.039     | 0         | 58   | 60.6 | 62.4 | 169        | 175        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 4    | 42     | 31     | 0.705     | -0.089    | 0.997 | 0.039     | 0.039     | 0         | 56.8 | 59.3 | 64.5 | 166        | 172        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 4    | 52     | 31     | 0.712     | -0.075    | 0.997 | 0.036     | 0.033     | 0         | 57.2 | 59.8 | 64.5 | 167        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 5    | 2      | 31     | 0.673     | -0.072    | 0.997 | 0.036     | 0.033     | 0         | 56.3 | 58.9 | 64.9 | 165        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 5    | 12     | 31     | 0.728     | -0.043    | 0.997 | 0.033     | 0.03      | 0         | 55.9 | 58.5 | 65.4 | 164        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 5    | 22     | 31     | 0.696     | -0.046    | 0.997 | 0.039     | 0.039     | 0         | 56.8 | 58.5 | 65.4 | 165        | 170        | 0          | 33     | 34     |
| 2009 | 6     | 9   | 5    | 32     | 31     | 0.584     | -0.082    | 0.997 | 0.039     | 0.036     | 0         | 55   | 57.6 | 66.7 | 162        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 5    | 42     | 31     | 0.64      | -0.062    | 0.997 | 0.046     | 0.043     | 0         | 54.6 | 56.8 | 67.1 | 160        | 166        | 0          | 33     | 34     |
| 2009 | 6     | 9   | 5    | 52     | 31     | 0.686     | -0.108    | 0.997 | 0.043     | 0.039     | 0         | 54.6 | 56.3 | 67.1 | 160        | 165        | 0          | 33     | 34     |
| 2009 | 6     | 9   | 6    | 2      | 31     | 0.679     | -0.085    | 0.997 | 0.039     | 0.036     | 0         | 54.2 | 56.8 | 67.5 | 160        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 6    | 12     | 31     | 0.676     | -0.095    | 1.001 | 0.039     | 0.036     | 0         | 55   | 57.6 | 66.7 | 162        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 6    | 22     | 31     | 0.663     | -0.069    | 0.997 | 0.039     | 0.036     | 0         | 54.6 | 57.2 | 67.1 | 161        | 166        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 6    | 32     | 31     | 0.696     | -0.056    | 0.997 | 0.043     | 0.039     | 0         | 55.9 | 57.6 | 66.7 | 163        | 168        | 0          | 33     | 34     |
| 2009 | 6     | 9   | 6    | 42     | 31     | 0.659     | -0.121    | 0.997 | 0.039     | 0.039     | 0         | 54.6 | 57.2 | 67.9 | 161        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 6    | 52     | 31     | 0.761     | -0.21     | 0.997 | 0.039     | 0.039     | 0         | 54.6 | 56.8 | 67.1 | 161        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 7    | 2      | 31     | 0.581     | -0.102    | 0.997 | 0.039     | 0.036     | 0         | 54.2 | 57.6 | 67.5 | 160        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 7    | 12     | 31     | 0.646     | -0.125    | 0.997 | 0.039     | 0.039     | 0         | 55   | 57.6 | 66.2 | 162        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 7    | 22     | 31     | 0.656     | -0.03     | 0.997 | 0.036     | 0.033     | 0         | 55   | 57.6 | 66.7 | 162        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 7    | 32     | 31     | 0.709     | -0.069    | 0.997 | 0.039     | 0.036     | 0         | 55.9 | 58   | 66.2 | 164        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 7    | 42     | 31     | 0.63      | -0.049    | 0.997 | 0.036     | 0.033     | 0         | 55.9 | 58   | 66.7 | 163        | 168        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 7    | 52     | 31     | 0.679     | -0.128    | 0.997 | 0.036     | 0.033     | 0         | 55   | 57.2 | 66.2 | 162        | 167        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 9   | 8    | 2      | 31     | 0.709     | -0.079    | 0.997 | 0.036     | 0.033     | 0         | 55.9 | 57.6 | 65.8 | 163        | 168        | 0          | 33     | 34     |
| 2009 | 6     | 9   | 8    | 12     | 31     | 0.755     | -0.174    | 0.997 | 0.039     | 0.036     | 0         | 54.6 | 57.2 | 67.5 | 160        | 166        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 8    | 22     | 31     | 0.738     | -0.164    | 0.997 | 0.039     | 0.039     | 0         | 55.5 | 57.6 | 65.8 | 163        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 8    | 32     | 31     | 0.673     | -0.164    | 0.997 | 0.039     | 0.039     | 0         | 55   | 57.6 | 66.7 | 162        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 8    | 42     | 31     | 0.709     | -0.085    | 0.997 | 0.039     | 0.039     | 0         | 56.8 | 59.3 | 64.1 | 166        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 8    | 52     | 31     | 0.725     | -0.079    | 0.997 | 0.039     | 0.039     | 0         | 55.5 | 58   | 67.1 | 163        | 168        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 9    | 2      | 31     | 0.725     | -0.036    | 0.997 | 0.039     | 0.036     | 0         | 56.8 | 58.9 | 65.8 | 165        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 9    | 12     | 31     | 0.673     | -0.098    | 0.997 | 0.043     | 0.039     | 0         | 55.5 | 58   | 66.2 | 163        | 168        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 9    | 22     | 31     | 0.659     | -0.092    | 1.001 | 0.049     | 0.046     | 0         | 55.9 | 58.5 | 66.2 | 163        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 9    | 32     | 31     | 0.702     | -0.144    | 0.997 | 0.039     | 0.039     | 0         | 56.8 | 58.5 | 65.8 | 165        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 9    | 42     | 31     | 0.686     | -0.049    | 1.001 | 0.039     | 0.036     | 0         | 55.9 | 58   | 66.2 | 164        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 9    | 52     | 31     | 0.676     | -0.157    | 0.997 | 0.039     | 0.036     | 0         | 56.3 | 58   | 66.2 | 163        | 168        | 0          | 32     | 33     |
| 2009 | 6     | 9   | 10   | 2      | 31     | 0.712     | -0.115    | 0.997 | 0.039     | 0.036     | 0         | 54.2 | 57.2 | 67.5 | 160        | 166        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 10   | 12     | 31     | 0.679     | -0.03     | 0.997 | 0.046     | 0.043     | 0         | 55   | 56.8 | 66.2 | 161        | 165        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 10   | 22     | 31     | 0.741     | -0.075    | 0.997 | 0.039     | 0.036     | 0         | 55.5 | 57.6 | 66.2 | 162        | 167        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 10   | 32     | 31     | 0.755     | -0.085    | 1.001 | 0.039     | 0.039     | 0         | 57.6 | 60.2 | 64.9 | 166        | 172        | 0          | 32     | 32     |
| 2009 | 6     | 9   | 10   | 42     | 31     | 0.702     | -0.115    | 0.997 | 0.039     | 0.036     | 0         | 55   | 58   | 65.8 | 161        | 168        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 10   | 52     | 31     | 0.65      | -0.115    | 0.997 | 0.036     | 0.033     | 0         | 58   | 60.2 | 61.5 | 168        | 174        | 0          | 33     | 34     |
| 2009 | 6     | 9   | 11   | 2      | 31     | 0.745     | -0.079    | 0.997 | 0.049     | 0.046     | 0         | 56.8 | 58.9 | 64.1 | 165        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 11   | 12     | 31     | 0.669     | -0.03     | 0.997 | 0.033     | 0.03      | 0         | 55.9 | 58.5 | 62.8 | 164        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 11   | 22     | 31     | 0.643     | -0.105    | 0.997 | 0.036     | 0.033     | 0         | 56.8 | 60.2 | 62.4 | 166        | 172        | 0          | 34     | 32     |
| 2009 | 6     | 9   | 11   | 32     | 31     | 0.732     | -0.039    | 0.997 | 0.039     | 0.036     | 0         | 56.8 | 59.3 | 62.4 | 165        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 11   | 42     | 31     | 0.623     | -0.085    | 0.997 | 0.039     | 0.036     | 0         | 57.6 | 60.2 | 61.5 | 167        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 11   | 52     | 31     | 0.719     | -0.151    | 0.997 | 0.043     | 0.039     | 0         | 58.9 | 60.2 | 61.5 | 169        | 174        | 0          | 32     | 34     |
| 2009 | 6     | 9   | 12   | 2      | 31     | 0.548     | -0.075    | 0.997 | 0.046     | 0.046     | 0         | 56.3 | 59.3 | 61.9 | 165        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 12   | 12     | 31     | 0.623     | -0.059    | 0.997 | 0.036     | 0.033     | 0         | 57.6 | 59.8 | 61.5 | 167        | 173        | 0          | 33     | 34     |
| 2009 | 6     | 9   | 12   | 22     | 31     | 0.656     | -0.079    | 0.997 | 0.039     | 0.039     | 0         | 58.5 | 60.6 | 61.1 | 169        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 12   | 32     | 31     | 0.63      | -0.059    | 0.994 | 0.039     | 0.039     | 0         | 58.5 | 61.9 | 58.5 | 170        | 177        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 12   | 42     | 31     | 0.653     | -0.2      | 0.994 | 0.043     | 0.039     | 0         | 58.5 | 61.5 | 57.6 | 170        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 12   | 52     | 31     | 0.584     | -0.007    | 0.994 | 0.039     | 0.036     | 0         | 57.6 | 61.1 | 59.3 | 168        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 13   | 2      | 31     | 0.597     | -0.003    | 0.994 | 0.043     | 0.043     | 0         | 58.9 | 61.5 | 58.5 | 170        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 13   | 12     | 31     | 0.666     | -0.013    | 0.994 | 0.039     | 0.036     | 0         | 58.9 | 61.9 | 58   | 170        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 13   | 22     | 31     | 0.63      | -0.049    | 0.994 | 0.039     | 0.039     | 0         | 58.9 | 61.9 | 58.5 | 170        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 13   | 32     | 31     | 0.725     | 0.02      | 0.994 | 0.039     | 0.036     | 0         | 60.6 | 63.6 | 57.2 | 174        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 13   | 42     | 31     | 0.653     | -0.052    | 0.991 | 0.039     | 0.036     | 0         | 59.8 | 62.8 | 56.8 | 172        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 13   | 52     | 31     | 0.728     | 0.056     | 0.994 | 0.039     | 0.036     | 0         | 59.8 | 62.8 | 57.6 | 171        | 178        | 0          | 32     | 32     |
| 2009 | 6     | 9   | 14   | 2      | 31     | 0.604     | -0.026    | 0.991 | 0.043     | 0.039     | 0         | 59.8 | 62.4 | 57.2 | 172        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 14   | 12     | 31     | 0.627     | -0.066    | 0.988 | 0.039     | 0.036     | 0         | 60.6 | 63.2 | 55.5 | 173        | 180        | 0          | 32     | 33     |
| 2009 | 6     | 9   | 14   | 22     | 31     | 0.63      | 0         | 0.988 | 0.039     | 0.039     | 0         | 60.6 | 63.6 | 56.3 | 173        | 180        | 0          | 32     | 32     |
| 2009 | 6     | 9   | 14   | 32     | 31     | 0.699     | -0.059    | 0.988 | 0.039     | 0.039     | 0         | 59.8 | 62.8 | 56.3 | 173        | 179        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 14   | 42     | 31     | 0.63      | 0.03      | 0.991 | 0.039     | 0.039     | 0         | 59.8 | 62.8 | 58.5 | 172        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 9   | 14   | 52     | 31     | 0.673     | 0.033     | 0.988 | 0.043     | 0.039     | 0         | 58.5 | 61.5 | 57.6 | 169        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 15   | 2      | 31     | 0.636     | -0.016    | 0.991 | 0.043     | 0.039     | 0         | 59.3 | 62.4 | 58   | 171        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 15   | 12     | 31     | 0.614     | 0         | 0.991 | 0.036     | 0.033     | 0         | 60.2 | 63.2 | 57.2 | 172        | 180        | 0          | 32     | 33     |
| 2009 | 6     | 9   | 15   | 22     | 31     | 0.64      | -0.007    | 0.988 | 0.043     | 0.039     | 0         | 60.6 | 63.2 | 56.3 | 173        | 180        | 0          | 32     | 33     |
| 2009 | 6     | 9   | 15   | 32     | 31     | 0.627     | 0.003     | 0.988 | 0.039     | 0.036     | 0         | 60.2 | 63.2 | 57.2 | 173        | 179        | 0          | 33     | 32     |
| 2009 | 6     | 9   | 15   | 42     | 31     | 0.669     | 0.036     | 0.988 | 0.039     | 0.036     | 0         | 61.9 | 64.1 | 54.2 | 176        | 183        | 0          | 32     | 34     |
| 2009 | 6     | 9   | 15   | 52     | 31     | 0.712     | -0.052    | 0.988 | 0.039     | 0.036     | 0         | 60.2 | 64.1 | 52.5 | 173        | 181        | 0          | 33     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 9   | 16   | 2      | 31     | 0.679     | -0.102    | 0.991 | 0.046     | 0.043     | 0         | 60.6 | 63.6 | 54.6 | 174        | 180        | 0          | 33     | 32     |
| 2009 | 6     | 9   | 16   | 12     | 31     | 0.653     | -0.026    | 0.994 | 0.039     | 0.036     | 0         | 59.8 | 62.8 | 56.8 | 172        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 9   | 16   | 22     | 31     | 0.594     | -0.01     | 0.991 | 0.039     | 0.036     | 0         | 59.3 | 62.8 | 56.8 | 171        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 9   | 16   | 32     | 31     | 0.63      | -0.052    | 0.991 | 0.043     | 0.043     | 0         | 59.3 | 62.8 | 55.5 | 171        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 9   | 16   | 42     | 31     | 0.597     | -0.003    | 0.994 | 0.043     | 0.039     | 0         | 59.8 | 62.8 | 57.2 | 172        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 16   | 52     | 31     | 0.663     | -0.033    | 0.994 | 0.039     | 0.039     | 0         | 58.5 | 61.5 | 57.2 | 169        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 9   | 17   | 2      | 31     | 0.692     | -0.082    | 0.994 | 0.039     | 0.036     | 0         | 58.5 | 61.9 | 58.5 | 169        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 9   | 17   | 12     | 31     | 0.676     | -0.066    | 0.997 | 0.039     | 0.036     | 0         | 59.8 | 63.2 | 58   | 172        | 179        | 0          | 33     | 32     |
| 2009 | 6     | 9   | 17   | 22     | 31     | 0.577     | -0.118    | 0.997 | 0.039     | 0.039     | 0         | 59.3 | 62.4 | 57.2 | 171        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 17   | 32     | 31     | 0.702     | -0.085    | 0.997 | 0.043     | 0.039     | 0         | 58   | 61.5 | 59.8 | 168        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 9   | 17   | 42     | 31     | 0.6       | -0.03     | 0.997 | 0.039     | 0.039     | 0         | 58   | 61.1 | 60.2 | 168        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 17   | 52     | 31     | 0.682     | -0.052    | 0.997 | 0.039     | 0.039     | 0         | 58.5 | 61.1 | 59.8 | 169        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 18   | 2      | 31     | 0.709     | -0.023    | 0.997 | 0.043     | 0.043     | 0         | 57.2 | 60.6 | 61.1 | 167        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 18   | 12     | 31     | 0.666     | -0.039    | 0.997 | 0.036     | 0.033     | 0         | 58   | 61.5 | 58.9 | 168        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 9   | 18   | 22     | 31     | 0.705     | -0.102    | 0.997 | 0.039     | 0.036     | 0         | 56.8 | 60.2 | 59.8 | 166        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 18   | 32     | 31     | 0.65      | -0.164    | 0.997 | 0.039     | 0.039     | 0         | 57.2 | 60.2 | 58   | 166        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 18   | 42     | 31     | 0.702     | -0.062    | 0.997 | 0.036     | 0.033     | 0         | 57.6 | 60.2 | 61.1 | 167        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 18   | 52     | 31     | 0.686     | -0.089    | 0.997 | 0.039     | 0.036     | 0         | 58   | 61.1 | 58.9 | 168        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 19   | 2      | 31     | 0.758     | -0.095    | 0.997 | 0.033     | 0.03      | 0         | 57.6 | 60.6 | 57.6 | 167        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 19   | 12     | 31     | 0.63      | -0.154    | 0.997 | 0.043     | 0.039     | 0         | 57.6 | 60.6 | 60.2 | 167        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 19   | 22     | 31     | 0.755     | -0.125    | 1.001 | 0.039     | 0.039     | 0         | 58   | 60.6 | 61.1 | 168        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 19   | 32     | 31     | 0.722     | -0.069    | 1.001 | 0.033     | 0.03      | 0         | 57.2 | 60.2 | 61.5 | 166        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 19   | 42     | 31     | 0.594     | -0.118    | 1.001 | 0.039     | 0.039     | 0         | 57.2 | 60.6 | 61.1 | 166        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 9   | 19   | 52     | 31     | 0.659     | -0.105    | 1.001 | 0.036     | 0.033     | 0         | 56.8 | 59.8 | 62.4 | 165        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 20   | 2      | 31     | 0.646     | -0.059    | 1.001 | 0.039     | 0.039     | 0         | 55.9 | 59.8 | 62.8 | 164        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 20   | 12     | 31     | 0.784     | -0.089    | 1.001 | 0.039     | 0.036     | 0         | 58   | 61.5 | 61.5 | 168        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 9   | 20   | 22     | 31     | 0.568     | -0.108    | 1.001 | 0.033     | 0.03      | 0         | 57.6 | 60.6 | 61.5 | 167        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 20   | 32     | 31     | 0.725     | -0.062    | 1.001 | 0.033     | 0.03      | 0         | 58   | 60.6 | 61.9 | 168        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 20   | 42     | 31     | 0.663     | -0.089    | 1.001 | 0.036     | 0.033     | 0         | 57.6 | 61.1 | 61.9 | 168        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 20   | 52     | 31     | 0.676     | -0.039    | 1.001 | 0.043     | 0.039     | 0         | 57.6 | 60.6 | 63.2 | 167        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 9   | 21   | 2      | 31     | 0.676     | -0.03     | 1.004 | 0.039     | 0.036     | 0         | 58.9 | 61.5 | 61.9 | 170        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 21   | 12     | 31     | 0.732     | -0.118    | 1.004 | 0.049     | 0.049     | 0         | 57.6 | 61.5 | 61.9 | 168        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 21   | 22     | 31     | 0.719     | -0.105    | 1.004 | 0.039     | 0.036     | 0         | 61.1 | 64.1 | 58.9 | 175        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 21   | 32     | 31     | 0.764     | -0.01     | 1.004 | 0.039     | 0.036     | 0         | 58.5 | 61.5 | 62.4 | 169        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 21   | 42     | 31     | 0.719     | -0.082    | 1.004 | 0.049     | 0.046     | 0         | 59.3 | 62.4 | 61.9 | 170        | 177        | 0          | 32     | 32     |
| 2009 | 6     | 9   | 21   | 52     | 31     | 0.676     | -0.062    | 1.004 | 0.043     | 0.039     | 0         | 60.2 | 63.2 | 60.2 | 173        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 22   | 2      | 31     | 0.709     | -0.079    | 1.004 | 0.043     | 0.039     | 0         | 61.1 | 63.6 | 59.3 | 175        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 22   | 12     | 31     | 0.784     | -0.056    | 1.004 | 0.043     | 0.039     | 0         | 59.8 | 63.2 | 59.8 | 173        | 180        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 22   | 22     | 31     | 0.623     | -0.082    | 1.007 | 0.046     | 0.043     | 0         | 59.8 | 63.2 | 60.2 | 173        | 180        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 22   | 32     | 31     | 0.725     | -0.072    | 1.007 | 0.036     | 0.033     | 0         | 60.2 | 64.1 | 58.5 | 174        | 181        | 0          | 34     | 32     |
| 2009 | 6     | 9   | 22   | 42     | 31     | 0.735     | -0.039    | 1.004 | 0.039     | 0.036     | 0         | 60.2 | 63.6 | 58.9 | 173        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 22   | 52     | 31     | 0.758     | -0.062    | 1.007 | 0.039     | 0.039     | 0         | 60.6 | 64.5 | 58   | 175        | 183        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 23   | 2      | 31     | 0.758     | -0.062    | 1.007 | 0.039     | 0.036     | 0         | 60.6 | 64.5 | 58   | 175        | 183        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 23   | 12     | 31     | 0.696     | -0.144    | 1.007 | 0.039     | 0.036     | 0         | 61.1 | 64.9 | 56.8 | 176        | 184        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 23   | 22     | 31     | 0.719     | -0.112    | 1.007 | 0.049     | 0.046     | 0         | 61.5 | 64.5 | 55.5 | 176        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 23   | 32     | 31     | 0.741     | -0.059    | 1.007 | 0.046     | 0.043     | 0         | 60.6 | 64.1 | 55   | 175        | 183        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 23   | 42     | 31     | 0.686     | -0.049    | 1.007 | 0.043     | 0.039     | 0         | 61.5 | 65.4 | 55.9 | 177        | 185        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 23   | 52     | 31     | 0.741     | -0.049    | 1.007 | 0.043     | 0.039     | 0         | 61.5 | 65.4 | 55.5 | 176        | 184        | 0          | 33     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 10  | 0    | 2      | 31     | 0.738     | -0.105    | 1.007 | 0.039     | 0.036     | 0         | 61.5 | 65.4 | 54.2 | 176        | 184        | 0          | 33     | 32     |
| 2009 | 6     | 10  | 0    | 12     | 31     | 0.722     | -0.075    | 1.007 | 0.046     | 0.043     | 0         | 61.5 | 64.9 | 55.5 | 177        | 184        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 0    | 22     | 31     | 0.689     | -0.108    | 1.007 | 0.043     | 0.039     | 0         | 61.5 | 65.8 | 55.5 | 177        | 185        | 0          | 34     | 32     |
| 2009 | 6     | 10  | 0    | 32     | 31     | 0.666     | -0.151    | 1.01  | 0.043     | 0.039     | 0         | 61.9 | 64.9 | 55   | 177        | 185        | 0          | 33     | 34     |
| 2009 | 6     | 10  | 0    | 42     | 31     | 0.643     | -0.02     | 1.007 | 0.043     | 0.039     | 0         | 61.1 | 64.1 | 55.9 | 175        | 183        | 0          | 33     | 34     |
| 2009 | 6     | 10  | 0    | 52     | 31     | 0.728     | -0.049    | 1.01  | 0.043     | 0.039     | 0         | 61.1 | 64.5 | 55.5 | 175        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 1    | 2      | 31     | 0.689     | -0.075    | 1.01  | 0.039     | 0.036     | 0         | 60.6 | 64.1 | 56.8 | 174        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 1    | 12     | 31     | 0.781     | -0.052    | 1.01  | 0.039     | 0.039     | 0         | 61.9 | 64.9 | 54.2 | 177        | 185        | 0          | 33     | 34     |
| 2009 | 6     | 10  | 1    | 22     | 31     | 0.735     | -0.079    | 1.01  | 0.039     | 0.036     | 0         | 61.1 | 64.5 | 55   | 176        | 183        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 1    | 32     | 31     | 0.751     | -0.049    | 1.01  | 0.039     | 0.036     | 0         | 60.2 | 63.6 | 55.5 | 174        | 181        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 1    | 42     | 31     | 0.712     | -0.105    | 1.01  | 0.039     | 0.036     | 0         | 61.1 | 64.9 | 55   | 175        | 183        | 0          | 33     | 32     |
| 2009 | 6     | 10  | 1    | 52     | 31     | 0.656     | -0.069    | 1.01  | 0.043     | 0.039     | 0         | 61.1 | 64.1 | 55.9 | 175        | 183        | 0          | 33     | 34     |
| 2009 | 6     | 10  | 2    | 2      | 31     | 0.719     | -0.121    | 1.01  | 0.043     | 0.039     | 0         | 61.1 | 64.9 | 54.6 | 176        | 184        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 2    | 12     | 31     | 0.656     | -0.085    | 1.014 | 0.046     | 0.046     | 0         | 60.6 | 64.1 | 55.9 | 174        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 2    | 22     | 31     | 0.741     | -0.098    | 1.014 | 0.039     | 0.039     | 0         | 62.4 | 65.8 | 53.8 | 178        | 186        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 2    | 32     | 31     | 0.738     | -0.131    | 1.014 | 0.043     | 0.039     | 0         | 61.1 | 64.1 | 55.5 | 175        | 183        | 0          | 33     | 34     |
| 2009 | 6     | 10  | 2    | 42     | 31     | 0.636     | -0.131    | 1.014 | 0.039     | 0.036     | 0         | 61.5 | 64.9 | 53.8 | 176        | 184        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 2    | 52     | 31     | 0.669     | -0.046    | 1.014 | 0.046     | 0.043     | 0         | 61.1 | 64.5 | 54.2 | 175        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 3    | 2      | 31     | 0.735     | -0.098    | 1.014 | 0.039     | 0.036     | 0         | 60.6 | 64.9 | 54.2 | 175        | 184        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 3    | 12     | 31     | 0.692     | -0.128    | 1.017 | 0.039     | 0.039     | 0         | 60.6 | 64.9 | 52.9 | 175        | 184        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 3    | 22     | 31     | 0.833     | -0.095    | 1.017 | 0.039     | 0.039     | 0         | 60.6 | 64.5 | 54.2 | 175        | 183        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 3    | 32     | 31     | 0.758     | -0.112    | 1.017 | 0.039     | 0.039     | 0         | 60.2 | 64.1 | 53.8 | 173        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 3    | 42     | 31     | 0.778     | -0.105    | 1.02  | 0.043     | 0.039     | 0         | 61.1 | 64.9 | 52.5 | 175        | 184        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 3    | 52     | 31     | 0.771     | -0.171    | 1.017 | 0.039     | 0.039     | 0         | 60.6 | 64.5 | 52   | 175        | 183        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 4    | 2      | 31     | 0.784     | -0.167    | 1.02  | 0.039     | 0.039     | 0         | 61.1 | 64.5 | 51.6 | 176        | 184        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 4    | 12     | 31     | 0.735     | -0.112    | 1.02  | 0.033     | 0.03      | 0         | 60.2 | 64.1 | 53.3 | 174        | 182        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 4    | 22     | 31     | 0.728     | -0.121    | 1.02  | 0.039     | 0.036     | 0         | 60.6 | 64.5 | 52.9 | 175        | 183        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 4    | 32     | 31     | 0.715     | -0.098    | 1.02  | 0.039     | 0.036     | 0         | 61.1 | 64.9 | 52   | 175        | 184        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 4    | 42     | 31     | 0.784     | -0.085    | 1.024 | 0.039     | 0.036     | 0         | 61.1 | 64.9 | 52   | 176        | 184        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 4    | 52     | 31     | 0.764     | -0.138    | 1.027 | 0.039     | 0.039     | 0         | 60.6 | 63.6 | 54.6 | 174        | 182        | 0          | 33     | 34     |
| 2009 | 6     | 10  | 5    | 2      | 31     | 0.784     | -0.036    | 1.027 | 0.039     | 0.039     | 0         | 61.5 | 65.4 | 52.9 | 176        | 185        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 5    | 12     | 31     | 0.735     | -0.141    | 1.027 | 0.043     | 0.043     | 0         | 61.1 | 64.5 | 52.5 | 176        | 184        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 5    | 22     | 31     | 0.787     | -0.079    | 1.027 | 0.039     | 0.039     | 0         | 60.6 | 64.5 | 52.9 | 175        | 184        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 5    | 32     | 31     | 0.758     | -0.18     | 1.027 | 0.046     | 0.043     | 0         | 61.1 | 65.4 | 51.6 | 176        | 185        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 5    | 42     | 31     | 0.709     | -0.079    | 1.027 | 0.039     | 0.036     | 0         | 59.8 | 63.6 | 54.2 | 173        | 182        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 5    | 52     | 31     | 0.804     | -0.148    | 1.03  | 0.043     | 0.039     | 0         | 60.2 | 64.5 | 54.6 | 174        | 183        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 6    | 2      | 31     | 0.682     | -0.072    | 1.03  | 0.039     | 0.039     | 0         | 59.8 | 63.2 | 55.5 | 173        | 181        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 6    | 12     | 31     | 0.778     | -0.108    | 1.03  | 0.046     | 0.046     | 0         | 60.2 | 63.6 | 55.5 | 173        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 6    | 22     | 31     | 0.846     | -0.046    | 1.03  | 0.046     | 0.043     | 0         | 59.3 | 63.2 | 56.3 | 172        | 180        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 6    | 32     | 31     | 0.787     | -0.131    | 1.03  | 0.039     | 0.036     | 0         | 60.2 | 64.1 | 54.2 | 174        | 182        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 6    | 42     | 31     | 0.837     | -0.072    | 1.03  | 0.039     | 0.036     | 0         | 60.2 | 64.1 | 54.2 | 174        | 183        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 6    | 52     | 31     | 0.768     | -0.128    | 1.033 | 0.039     | 0.036     | 0         | 59.8 | 63.6 | 54.6 | 172        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 7    | 2      | 31     | 0.84      | -0.154    | 1.033 | 0.049     | 0.049     | 0         | 60.2 | 64.5 | 55   | 174        | 183        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 7    | 12     | 31     | 0.758     | -0.18     | 1.033 | 0.039     | 0.036     | 0         | 59.8 | 64.1 | 55.5 | 173        | 182        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 7    | 22     | 31     | 0.758     | -0.118    | 1.033 | 0.043     | 0.039     | 0         | 60.2 | 64.5 | 55.5 | 174        | 183        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 7    | 32     | 31     | 0.787     | -0.125    | 1.033 | 0.039     | 0.036     | 0         | 59.8 | 63.6 | 55.9 | 173        | 181        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 7    | 42     | 31     | 0.787     | -0.131    | 1.033 | 0.039     | 0.036     | 0         | 61.1 | 64.5 | 55   | 174        | 183        | 0          | 32     | 33     |
| 2009 | 6     | 10  | 7    | 52     | 31     | 0.84      | -0.098    | 1.037 | 0.036     | 0.033     | 0         | 59.3 | 63.6 | 56.8 | 172        | 181        | 0          | 34     | 33     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 10  | 8    | 2      | 31     | 0.709     | -0.033    | 1.037 | 0.039     | 0.039     | 0         | 61.1 | 64.9 | 55.5 | 175        | 184        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 8    | 12     | 31     | 0.807     | -0.154    | 1.037 | 0.039     | 0.039     | 0         | 61.1 | 64.5 | 54.2 | 175        | 184        | 0          | 33     | 34     |
| 2009 | 6     | 10  | 8    | 22     | 31     | 0.807     | -0.072    | 1.037 | 0.039     | 0.039     | 0         | 60.6 | 65.4 | 55.9 | 175        | 185        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 8    | 32     | 31     | 0.807     | -0.098    | 1.037 | 0.046     | 0.043     | 0         | 61.5 | 65.4 | 54.2 | 176        | 185        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 8    | 42     | 31     | 0.791     | -0.108    | 1.037 | 0.043     | 0.039     | 0         | 60.6 | 64.5 | 54.6 | 175        | 184        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 8    | 52     | 31     | 0.912     | -0.164    | 1.037 | 0.033     | 0.03      | 0         | 61.5 | 65.4 | 54.2 | 176        | 186        | 0          | 33     | 34     |
| 2009 | 6     | 10  | 9    | 2      | 31     | 0.81      | -0.151    | 1.037 | 0.039     | 0.039     | 0         | 61.5 | 64.9 | 52.9 | 177        | 185        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 9    | 12     | 31     | 0.728     | -0.121    | 1.037 | 0.039     | 0.039     | 0         | 61.1 | 65.4 | 54.2 | 176        | 185        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 9    | 22     | 31     | 0.83      | -0.18     | 1.04  | 0.049     | 0.046     | 0         | 62.4 | 66.2 | 53.3 | 178        | 187        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 9    | 32     | 31     | 0.919     | -0.112    | 1.04  | 0.049     | 0.049     | 0         | 62.4 | 65.8 | 53.3 | 179        | 187        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 9    | 42     | 31     | 0.879     | -0.138    | 1.04  | 0.039     | 0.036     | 0         | 62.8 | 66.7 | 50.3 | 180        | 189        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 9    | 52     | 31     | 0.853     | -0.007    | 1.04  | 0.043     | 0.039     | 0         | 62.8 | 67.1 | 52.5 | 180        | 189        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 10   | 2      | 31     | 0.876     | -0.095    | 1.04  | 0.043     | 0.039     | 0         | 62.4 | 66.2 | 54.6 | 178        | 187        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 10   | 12     | 31     | 0.883     | -0.121    | 1.04  | 0.039     | 0.036     | 0         | 61.9 | 65.8 | 55   | 178        | 187        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 10   | 22     | 31     | 0.787     | -0.174    | 1.04  | 0.039     | 0.039     | 0         | 61.9 | 66.2 | 55   | 177        | 187        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 10   | 32     | 31     | 0.823     | -0.118    | 1.04  | 0.043     | 0.039     | 0         | 61.5 | 66.2 | 54.6 | 177        | 186        | 0          | 34     | 32     |
| 2009 | 6     | 10  | 10   | 42     | 31     | 0.817     | -0.089    | 1.04  | 0.043     | 0.043     | 0         | 61.5 | 66.2 | 54.2 | 177        | 187        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 10   | 56     | 26     | 0.735     | -0.112    | 1.043 | 0.049     | 0.049     | 0         | 63.6 | 64.9 | 56.3 | 182        | 184        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 11   | 6      | 26     | 0.761     | -0.138    | 1.043 | 0.039     | 0.039     | 0         | 65.4 | 65.8 | 53.3 | 185        | 187        | 0          | 33     | 34     |
| 2009 | 6     | 10  | 11   | 16     | 26     | 0.82      | -0.046    | 1.043 | 0.039     | 0.039     | 0         | 64.5 | 65.8 | 55   | 184        | 186        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 11   | 26     | 26     | 0.81      | -0.046    | 1.043 | 0.043     | 0.039     | 0         | 64.5 | 64.9 | 56.3 | 184        | 184        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 11   | 36     | 26     | 0.82      | -0.095    | 1.043 | 0.039     | 0.039     | 0         | 64.9 | 65.8 | 54.2 | 185        | 186        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 11   | 46     | 26     | 0.787     | -0.105    | 1.043 | 0.043     | 0.039     | 0         | 66.7 | 67.1 | 53.8 | 188        | 189        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 11   | 56     | 26     | 0.804     | -0.131    | 1.043 | 0.043     | 0.039     | 0         | 64.5 | 65.8 | 56.8 | 184        | 186        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 12   | 6      | 26     | 0.791     | -0.105    | 1.043 | 0.043     | 0.039     | 0         | 65.4 | 66.7 | 54.6 | 186        | 188        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 12   | 16     | 26     | 0.866     | -0.056    | 1.043 | 0.039     | 0.036     | 0         | 66.7 | 66.7 | 53.8 | 188        | 189        | 0          | 33     | 34     |
| 2009 | 6     | 10  | 12   | 26     | 26     | 0.856     | -0.03     | 1.043 | 0.049     | 0.049     | 0         | 65.8 | 66.2 | 54.2 | 186        | 187        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 12   | 36     | 26     | 0.843     | -0.102    | 1.043 | 0.039     | 0.039     | 0         | 65.4 | 66.7 | 54.2 | 186        | 188        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 12   | 46     | 26     | 0.804     | -0.052    | 1.043 | 0.039     | 0.036     | 0         | 65.8 | 66.7 | 54.2 | 186        | 188        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 12   | 56     | 26     | 0.774     | -0.016    | 1.043 | 0.043     | 0.039     | 0         | 64.9 | 65.8 | 54.6 | 185        | 186        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 13   | 6      | 26     | 0.801     | -0.072    | 1.043 | 0.046     | 0.043     | 0         | 65.4 | 66.2 | 55.9 | 185        | 186        | 0          | 33     | 32     |
| 2009 | 6     | 10  | 13   | 16     | 26     | 0.817     | -0.056    | 1.043 | 0.039     | 0.036     | 0         | 65.4 | 65.4 | 55.9 | 185        | 185        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 13   | 26     | 26     | 0.814     | -0.049    | 1.047 | 0.036     | 0.033     | 0         | 65.8 | 66.7 | 53.8 | 187        | 188        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 13   | 36     | 26     | 0.915     | -0.089    | 1.047 | 0.039     | 0.039     | 0         | 64.5 | 65.4 | 55.5 | 184        | 185        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 13   | 46     | 26     | 0.784     | -0.115    | 1.047 | 0.039     | 0.039     | 0         | 65.8 | 66.2 | 53.8 | 187        | 188        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 13   | 56     | 26     | 0.922     | -0.105    | 1.047 | 0.043     | 0.039     | 0         | 66.7 | 66.7 | 52.5 | 188        | 188        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 14   | 6      | 26     | 0.843     | -0.154    | 1.047 | 0.036     | 0.033     | 0         | 66.2 | 67.1 | 55   | 187        | 188        | 0          | 33     | 32     |
| 2009 | 6     | 10  | 14   | 16     | 26     | 0.886     | -0.043    | 1.047 | 0.039     | 0.036     | 0         | 66.7 | 67.1 | 52.9 | 189        | 189        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 14   | 26     | 26     | 0.823     | -0.089    | 1.043 | 0.043     | 0.039     | 0         | 66.7 | 67.5 | 52.5 | 189        | 190        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 14   | 36     | 26     | 0.837     | -0.161    | 1.047 | 0.036     | 0.033     | 0         | 67.9 | 67.9 | 53.3 | 190        | 191        | 0          | 32     | 33     |
| 2009 | 6     | 10  | 14   | 46     | 26     | 0.827     | -0.079    | 1.043 | 0.043     | 0.039     | 0         | 65.4 | 66.2 | 51.2 | 185        | 187        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 14   | 56     | 26     | 0.801     | -0.039    | 1.043 | 0.039     | 0.039     | 0         | 67.1 | 67.9 | 50.3 | 189        | 191        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 15   | 6      | 26     | 0.85      | -0.056    | 1.047 | 0.036     | 0.033     | 0         | 65.4 | 66.2 | 51.6 | 186        | 187        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 15   | 16     | 26     | 0.797     | 0         | 1.043 | 0.039     | 0.036     | 0         | 66.7 | 67.5 | 51.6 | 188        | 189        | 0          | 33     | 32     |
| 2009 | 6     | 10  | 15   | 26     | 26     | 0.768     | -0.089    | 1.047 | 0.043     | 0.039     | 0         | 65.4 | 66.2 | 54.6 | 185        | 187        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 15   | 36     | 26     | 0.817     | -0.115    | 1.047 | 0.046     | 0.043     | 0         | 66.7 | 67.1 | 52.9 | 188        | 190        | 0          | 33     | 34     |
| 2009 | 6     | 10  | 15   | 46     | 26     | 0.791     | -0.079    | 1.047 | 0.039     | 0.039     | 0         | 65.8 | 66.7 | 53.8 | 186        | 188        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 15   | 56     | 26     | 0.915     | -0.066    | 1.047 | 0.049     | 0.049     | 0         | 67.1 | 67.1 | 53.8 | 188        | 189        | 0          | 32     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 10  | 16   | 6      | 26     | 0.817     | -0.128    | 1.047 | 0.043     | 0.043     | 0         | 65.4 | 65.8 | 55.5 | 185        | 186        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 16   | 16     | 26     | 0.843     | -0.121    | 1.047 | 0.039     | 0.039     | 0         | 64.9 | 65.8 | 55.9 | 184        | 186        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 16   | 26     | 26     | 0.804     | -0.102    | 1.047 | 0.043     | 0.039     | 0         | 64.5 | 66.2 | 55   | 184        | 186        | 0          | 34     | 32     |
| 2009 | 6     | 10  | 16   | 36     | 26     | 0.827     | -0.102    | 1.047 | 0.046     | 0.043     | 0         | 64.5 | 65.8 | 55.5 | 184        | 186        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 16   | 46     | 26     | 0.906     | -0.056    | 1.047 | 0.046     | 0.043     | 0         | 64.5 | 65.8 | 55.5 | 183        | 186        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 16   | 56     | 26     | 0.876     | -0.072    | 1.047 | 0.039     | 0.036     | 0         | 65.4 | 65.8 | 55.5 | 185        | 186        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 17   | 6      | 26     | 0.823     | -0.056    | 1.047 | 0.049     | 0.046     | 0         | 67.5 | 67.5 | 52.9 | 189        | 190        | 0          | 32     | 33     |
| 2009 | 6     | 10  | 17   | 16     | 26     | 0.83      | -0.112    | 1.047 | 0.039     | 0.036     | 0         | 65.8 | 66.2 | 53.3 | 186        | 187        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 17   | 26     | 26     | 0.823     | -0.108    | 1.047 | 0.039     | 0.039     | 0         | 64.9 | 65.8 | 55   | 184        | 186        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 17   | 36     | 26     | 0.784     | -0.072    | 1.047 | 0.039     | 0.036     | 0         | 63.6 | 65.4 | 55   | 182        | 184        | 0          | 34     | 32     |
| 2009 | 6     | 10  | 17   | 46     | 26     | 0.837     | -0.118    | 1.047 | 0.046     | 0.043     | 0         | 65.4 | 66.2 | 52.5 | 185        | 187        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 17   | 56     | 26     | 0.817     | 0.013     | 1.043 | 0.043     | 0.039     | 0         | 70.1 | 71   | 44.3 | 196        | 198        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 18   | 6      | 26     | 0.863     | 0.01      | 1.047 | 0.039     | 0.039     | 0         | 66.7 | 67.1 | 52.5 | 188        | 190        | 0          | 33     | 34     |
| 2009 | 6     | 10  | 18   | 16     | 26     | 0.823     | -0.026    | 1.047 | 0.043     | 0.039     | 0         | 65.8 | 66.7 | 54.6 | 186        | 188        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 18   | 26     | 26     | 0.869     | -0.01     | 1.047 | 0.039     | 0.039     | 0         | 65.4 | 66.2 | 53.3 | 185        | 187        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 18   | 36     | 26     | 0.863     | -0.095    | 1.043 | 0.039     | 0.036     | 0         | 65.4 | 67.1 | 52.9 | 186        | 188        | 0          | 34     | 32     |
| 2009 | 6     | 10  | 18   | 46     | 26     | 0.833     | -0.121    | 1.043 | 0.039     | 0.036     | 0         | 65.4 | 66.2 | 52.9 | 185        | 187        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 18   | 56     | 26     | 0.817     | -0.112    | 1.043 | 0.039     | 0.036     | 0         | 64.5 | 66.2 | 54.6 | 184        | 186        | 0          | 34     | 32     |
| 2009 | 6     | 10  | 19   | 6      | 26     | 0.83      | -0.102    | 1.047 | 0.039     | 0.039     | 0         | 64.5 | 65.8 | 55   | 184        | 186        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 19   | 16     | 26     | 0.794     | -0.066    | 1.047 | 0.039     | 0.036     | 0         | 64.9 | 66.2 | 55   | 185        | 187        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 19   | 26     | 26     | 0.837     | -0.079    | 1.047 | 0.043     | 0.039     | 0         | 64.5 | 65.8 | 55.9 | 183        | 185        | 0          | 33     | 32     |
| 2009 | 6     | 10  | 19   | 36     | 26     | 0.837     | -0.095    | 1.047 | 0.039     | 0.039     | 0         | 63.2 | 64.9 | 58   | 180        | 183        | 0          | 33     | 32     |
| 2009 | 6     | 10  | 19   | 46     | 26     | 0.774     | -0.092    | 1.047 | 0.039     | 0.036     | 0         | 64.9 | 65.8 | 54.6 | 184        | 186        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 19   | 56     | 26     | 0.778     | 0         | 1.047 | 0.039     | 0.036     | 0         | 64.9 | 65.8 | 54.6 | 184        | 186        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 20   | 6      | 26     | 0.784     | -0.049    | 1.047 | 0.039     | 0.039     | 0         | 64.5 | 65.4 | 55.5 | 183        | 185        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 20   | 16     | 26     | 0.879     | -0.115    | 1.043 | 0.039     | 0.036     | 0         | 64.5 | 65.4 | 55.9 | 183        | 185        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 20   | 26     | 26     | 0.833     | -0.046    | 1.047 | 0.043     | 0.039     | 0         | 63.2 | 64.5 | 57.2 | 180        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 20   | 36     | 26     | 0.817     | -0.046    | 1.043 | 0.039     | 0.036     | 0         | 63.6 | 64.5 | 55.5 | 182        | 184        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 20   | 46     | 26     | 0.797     | -0.079    | 1.043 | 0.039     | 0.036     | 0         | 63.6 | 64.9 | 57.2 | 181        | 184        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 20   | 56     | 26     | 0.846     | -0.164    | 1.043 | 0.039     | 0.036     | 0         | 64.5 | 66.2 | 55.9 | 183        | 186        | 0          | 33     | 32     |
| 2009 | 6     | 10  | 21   | 6      | 26     | 0.781     | -0.049    | 1.043 | 0.043     | 0.039     | 0         | 63.6 | 64.5 | 56.8 | 181        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 21   | 16     | 26     | 0.81      | -0.092    | 1.043 | 0.039     | 0.039     | 0         | 64.9 | 66.2 | 55   | 184        | 187        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 21   | 26     | 26     | 0.81      | -0.056    | 1.043 | 0.039     | 0.039     | 0         | 63.6 | 64.9 | 55.9 | 182        | 184        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 21   | 36     | 26     | 0.797     | -0.069    | 1.043 | 0.046     | 0.043     | 0         | 64.5 | 64.9 | 56.8 | 183        | 184        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 21   | 46     | 26     | 0.807     | -0.085    | 1.043 | 0.039     | 0.039     | 0         | 62.8 | 63.6 | 57.2 | 179        | 182        | 0          | 33     | 34     |
| 2009 | 6     | 10  | 21   | 56     | 26     | 0.722     | -0.072    | 1.043 | 0.036     | 0.033     | 0         | 63.2 | 64.1 | 56.3 | 180        | 183        | 0          | 33     | 34     |
| 2009 | 6     | 10  | 22   | 6      | 26     | 0.764     | -0.085    | 1.047 | 0.043     | 0.039     | 0         | 64.1 | 64.9 | 56.3 | 182        | 184        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 22   | 16     | 26     | 0.794     | -0.112    | 1.047 | 0.039     | 0.036     | 0         | 63.2 | 64.5 | 56.8 | 180        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 22   | 26     | 26     | 0.791     | -0.059    | 1.047 | 0.033     | 0.03      | 0         | 62.8 | 64.1 | 57.6 | 179        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 22   | 36     | 26     | 0.817     | -0.075    | 1.047 | 0.043     | 0.039     | 0         | 63.2 | 64.1 | 56.3 | 180        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 22   | 46     | 26     | 0.814     | -0.098    | 1.047 | 0.039     | 0.036     | 0         | 62.8 | 64.1 | 56.8 | 180        | 182        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 22   | 56     | 26     | 0.86      | -0.085    | 1.047 | 0.049     | 0.046     | 0         | 62.4 | 62.8 | 58.9 | 178        | 180        | 0          | 33     | 34     |
| 2009 | 6     | 10  | 23   | 6      | 26     | 0.814     | -0.059    | 1.047 | 0.036     | 0.033     | 0         | 63.2 | 64.1 | 56.8 | 181        | 183        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 23   | 16     | 26     | 0.745     | -0.095    | 1.047 | 0.043     | 0.039     | 0         | 61.9 | 63.6 | 58   | 178        | 181        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 23   | 26     | 26     | 0.764     | -0.03     | 1.047 | 0.039     | 0.036     | 0         | 62.4 | 63.6 | 58   | 178        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 23   | 36     | 26     | 0.853     | -0.089    | 1.043 | 0.039     | 0.036     | 0         | 61.9 | 63.2 | 58   | 177        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 23   | 46     | 26     | 0.794     | -0.007    | 1.047 | 0.049     | 0.046     | 0         | 61.9 | 63.6 | 56.3 | 178        | 181        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 23   | 56     | 26     | 0.873     | -0.079    | 1.043 | 0.043     | 0.039     | 0         | 62.4 | 63.2 | 57.6 | 178        | 180        | 0          | 33     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 11  | 0    | 6      | 26     | 0.781     | -0.059    | 1.043 | 0.043     | 0.039     | 0         | 61.9 | 63.2 | 58   | 177        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 0    | 16     | 26     | 0.794     | -0.066    | 1.047 | 0.039     | 0.036     | 0         | 62.4 | 64.1 | 58   | 178        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 0    | 26     | 26     | 0.902     | -0.092    | 1.047 | 0.043     | 0.039     | 0         | 62.8 | 63.6 | 57.6 | 179        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 0    | 36     | 26     | 0.807     | -0.046    | 1.047 | 0.039     | 0.036     | 0         | 62.4 | 63.2 | 57.6 | 178        | 181        | 0          | 33     | 34     |
| 2009 | 6     | 11  | 0    | 46     | 26     | 0.797     | -0.157    | 1.047 | 0.039     | 0.036     | 0         | 61.9 | 63.2 | 58   | 178        | 180        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 0    | 56     | 26     | 0.801     | -0.095    | 1.047 | 0.039     | 0.036     | 0         | 62.4 | 64.1 | 57.6 | 178        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 1    | 6      | 26     | 0.761     | -0.102    | 1.047 | 0.039     | 0.036     | 0         | 61.5 | 62.8 | 56.8 | 177        | 180        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 1    | 16     | 26     | 0.896     | -0.125    | 1.047 | 0.043     | 0.039     | 0         | 61.5 | 62.8 | 58.9 | 177        | 179        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 1    | 26     | 26     | 0.732     | -0.108    | 1.047 | 0.039     | 0.036     | 0         | 61.9 | 62.8 | 58   | 177        | 180        | 0          | 33     | 34     |
| 2009 | 6     | 11  | 1    | 36     | 26     | 0.853     | -0.141    | 1.047 | 0.033     | 0.03      | 0         | 62.8 | 64.5 | 56.3 | 180        | 183        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 1    | 46     | 26     | 0.837     | -0.033    | 1.047 | 0.039     | 0.039     | 0         | 62.4 | 63.6 | 57.6 | 178        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 1    | 56     | 26     | 0.791     | -0.148    | 1.047 | 0.043     | 0.039     | 0         | 63.2 | 64.5 | 55.9 | 181        | 183        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 2    | 6      | 26     | 0.774     | -0.108    | 1.047 | 0.043     | 0.039     | 0         | 64.1 | 65.4 | 56.3 | 182        | 186        | 0          | 33     | 34     |
| 2009 | 6     | 11  | 2    | 16     | 26     | 0.817     | -0.118    | 1.047 | 0.043     | 0.039     | 0         | 62.8 | 64.1 | 56.3 | 179        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 2    | 26     | 26     | 0.778     | -0.085    | 1.047 | 0.046     | 0.043     | 0         | 62.4 | 64.5 | 56.8 | 179        | 183        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 2    | 36     | 26     | 0.807     | -0.121    | 1.047 | 0.046     | 0.043     | 0         | 62.4 | 63.6 | 57.6 | 178        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 2    | 46     | 26     | 0.741     | -0.108    | 1.047 | 0.039     | 0.036     | 0         | 61.9 | 62.8 | 57.2 | 177        | 180        | 0          | 33     | 34     |
| 2009 | 6     | 11  | 2    | 56     | 26     | 0.86      | -0.128    | 1.047 | 0.052     | 0.049     | 0         | 61.9 | 62.8 | 57.6 | 177        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 3    | 6      | 26     | 0.84      | -0.082    | 1.047 | 0.039     | 0.036     | 0         | 61.9 | 62.8 | 57.2 | 177        | 180        | 0          | 33     | 34     |
| 2009 | 6     | 11  | 3    | 16     | 26     | 0.846     | -0.056    | 1.047 | 0.036     | 0.033     | 0         | 61.9 | 62.8 | 57.2 | 177        | 180        | 0          | 33     | 34     |
| 2009 | 6     | 11  | 3    | 26     | 26     | 0.85      | -0.062    | 1.047 | 0.039     | 0.036     | 0         | 61.1 | 61.9 | 57.6 | 176        | 178        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 3    | 36     | 26     | 0.856     | -0.138    | 1.047 | 0.049     | 0.046     | 0         | 61.5 | 62.8 | 57.6 | 176        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 3    | 46     | 26     | 0.774     | -0.089    | 1.047 | 0.043     | 0.039     | 0         | 60.6 | 61.9 | 58.5 | 175        | 178        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 3    | 56     | 26     | 0.751     | -0.112    | 1.047 | 0.043     | 0.039     | 0         | 61.5 | 63.2 | 58   | 177        | 180        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 4    | 6      | 26     | 0.833     | -0.082    | 1.047 | 0.049     | 0.046     | 0         | 62.8 | 63.6 | 57.2 | 179        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 4    | 16     | 26     | 0.787     | -0.072    | 1.047 | 0.039     | 0.039     | 0         | 61.9 | 63.6 | 57.6 | 178        | 181        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 4    | 26     | 26     | 0.745     | -0.069    | 1.047 | 0.043     | 0.039     | 0         | 61.5 | 62.4 | 58.5 | 176        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 4    | 36     | 26     | 0.781     | -0.174    | 1.047 | 0.036     | 0.033     | 0         | 62.4 | 62.8 | 57.2 | 179        | 180        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 4    | 46     | 26     | 0.823     | -0.138    | 1.047 | 0.039     | 0.039     | 0         | 61.9 | 63.2 | 57.2 | 178        | 180        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 4    | 56     | 26     | 0.755     | -0.049    | 1.05  | 0.043     | 0.039     | 0         | 61.9 | 62.8 | 57.2 | 178        | 180        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 5    | 6      | 26     | 0.801     | -0.108    | 1.047 | 0.043     | 0.043     | 0         | 61.9 | 63.2 | 57.2 | 177        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 5    | 16     | 26     | 0.768     | -0.135    | 1.047 | 0.039     | 0.036     | 0         | 61.5 | 62.4 | 58   | 177        | 179        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 5    | 26     | 26     | 0.761     | -0.059    | 1.047 | 0.036     | 0.033     | 0         | 61.5 | 61.9 | 58   | 176        | 178        | 0          | 33     | 34     |
| 2009 | 6     | 11  | 5    | 36     | 26     | 0.787     | -0.161    | 1.047 | 0.039     | 0.036     | 0         | 60.6 | 62.4 | 58.9 | 175        | 178        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 5    | 46     | 26     | 0.879     | -0.112    | 1.047 | 0.039     | 0.039     | 0         | 61.1 | 62.4 | 58.9 | 175        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 5    | 56     | 26     | 0.797     | -0.092    | 1.047 | 0.039     | 0.036     | 0         | 61.1 | 61.9 | 58.9 | 176        | 178        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 6    | 6      | 26     | 0.82      | -0.046    | 1.047 | 0.043     | 0.039     | 0         | 60.6 | 61.9 | 58   | 175        | 178        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 6    | 16     | 26     | 0.761     | -0.167    | 1.047 | 0.039     | 0.036     | 0         | 60.6 | 61.9 | 58   | 175        | 177        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 6    | 26     | 26     | 0.705     | -0.062    | 1.047 | 0.039     | 0.039     | 0         | 59.8 | 61.1 | 59.8 | 173        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 6    | 36     | 26     | 0.709     | -0.128    | 1.047 | 0.043     | 0.039     | 0         | 60.6 | 61.5 | 59.3 | 174        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 6    | 46     | 26     | 0.915     | -0.098    | 1.047 | 0.043     | 0.039     | 0         | 60.2 | 61.1 | 59.3 | 174        | 176        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 6    | 56     | 26     | 0.814     | -0.085    | 1.047 | 0.039     | 0.039     | 0         | 60.2 | 61.9 | 59.8 | 174        | 177        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 7    | 6      | 26     | 0.794     | -0.095    | 1.047 | 0.036     | 0.033     | 0         | 59.3 | 61.1 | 60.2 | 172        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 7    | 16     | 26     | 0.771     | -0.125    | 1.047 | 0.039     | 0.036     | 0         | 60.2 | 61.1 | 59.3 | 173        | 176        | 0          | 33     | 34     |
| 2009 | 6     | 11  | 7    | 26     | 26     | 0.787     | -0.102    | 1.047 | 0.036     | 0.033     | 0         | 60.2 | 61.1 | 59.8 | 173        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 7    | 36     | 26     | 0.876     | -0.039    | 1.047 | 0.039     | 0.036     | 0         | 60.2 | 61.9 | 58.5 | 174        | 177        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 7    | 46     | 26     | 0.843     | -0.135    | 1.047 | 0.043     | 0.039     | 0         | 61.9 | 63.2 | 55.9 | 178        | 180        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 7    | 56     | 26     | 0.768     | -0.131    | 1.047 | 0.036     | 0.033     | 0         | 61.5 | 61.9 | 58   | 176        | 178        | 0          | 33     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 11  | 8    | 6      | 26     | 0.886     | -0.135    | 1.047 | 0.039     | 0.036     | 0         | 60.6 | 61.9 | 58.5 | 175        | 178        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 8    | 16     | 26     | 0.84      | -0.082    | 1.047 | 0.039     | 0.039     | 0         | 61.5 | 62.4 | 58   | 176        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 8    | 26     | 26     | 0.804     | -0.026    | 1.047 | 0.039     | 0.036     | 0         | 61.1 | 61.9 | 58.5 | 175        | 178        | 0          | 33     | 34     |
| 2009 | 6     | 11  | 8    | 36     | 26     | 0.84      | -0.089    | 1.047 | 0.036     | 0.033     | 0         | 61.1 | 62.4 | 58   | 176        | 179        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 8    | 46     | 26     | 0.856     | -0.115    | 1.047 | 0.039     | 0.039     | 0         | 60.6 | 61.9 | 58.5 | 175        | 178        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 8    | 56     | 26     | 0.83      | -0.049    | 1.047 | 0.046     | 0.046     | 0         | 61.1 | 62.4 | 58   | 176        | 179        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 9    | 6      | 26     | 0.85      | -0.089    | 1.047 | 0.039     | 0.036     | 0         | 61.5 | 62.8 | 58   | 177        | 179        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 9    | 16     | 26     | 0.869     | -0.138    | 1.047 | 0.049     | 0.046     | 0         | 60.6 | 62.4 | 58.5 | 175        | 179        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 9    | 26     | 26     | 0.863     | -0.039    | 1.047 | 0.046     | 0.043     | 0         | 60.2 | 61.5 | 60.2 | 174        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 9    | 36     | 26     | 0.919     | -0.075    | 1.047 | 0.036     | 0.033     | 0         | 61.5 | 61.5 | 58.9 | 176        | 178        | 0          | 33     | 35     |
| 2009 | 6     | 11  | 9    | 46     | 26     | 0.876     | -0.105    | 1.047 | 0.046     | 0.043     | 0         | 60.6 | 61.9 | 58.9 | 175        | 177        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 9    | 56     | 26     | 0.781     | -0.066    | 1.047 | 0.036     | 0.033     | 0         | 60.2 | 61.5 | 60.2 | 173        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 10   | 6      | 26     | 0.856     | -0.108    | 1.047 | 0.039     | 0.039     | 0         | 61.5 | 61.9 | 58.5 | 176        | 178        | 0          | 33     | 34     |
| 2009 | 6     | 11  | 10   | 16     | 26     | 0.833     | -0.102    | 1.047 | 0.043     | 0.039     | 0         | 60.2 | 61.9 | 59.8 | 174        | 178        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 10   | 26     | 26     | 0.876     | -0.121    | 1.047 | 0.043     | 0.039     | 0         | 60.6 | 62.4 | 60.2 | 175        | 178        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 10   | 36     | 26     | 0.84      | -0.102    | 1.047 | 0.039     | 0.039     | 0         | 59.8 | 61.1 | 61.5 | 172        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 10   | 46     | 26     | 0.915     | -0.075    | 1.047 | 0.043     | 0.039     | 0         | 60.6 | 61.5 | 61.1 | 174        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 10   | 56     | 26     | 0.837     | -0.108    | 1.047 | 0.039     | 0.039     | 0         | 61.1 | 61.9 | 60.6 | 175        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 11   | 6      | 26     | 0.837     | -0.062    | 1.047 | 0.049     | 0.049     | 0         | 61.1 | 61.9 | 60.2 | 175        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 11   | 16     | 26     | 0.879     | -0.092    | 1.05  | 0.036     | 0.033     | 0         | 61.1 | 61.5 | 61.1 | 176        | 177        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 11   | 26     | 26     | 0.84      | -0.082    | 1.047 | 0.039     | 0.036     | 0         | 59.8 | 61.1 | 61.9 | 173        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 11   | 36     | 26     | 0.778     | -0.128    | 1.047 | 0.039     | 0.039     | 0         | 60.6 | 61.9 | 60.2 | 175        | 177        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 11   | 46     | 26     | 0.846     | -0.013    | 1.047 | 0.039     | 0.036     | 0         | 59.8 | 61.1 | 62.4 | 173        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 11   | 56     | 26     | 0.889     | -0.095    | 1.05  | 0.039     | 0.039     | 0         | 61.5 | 62.8 | 60.2 | 177        | 179        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 12   | 6      | 26     | 0.892     | -0.098    | 1.05  | 0.036     | 0.033     | 0         | 61.9 | 62.8 | 60.2 | 177        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 12   | 16     | 26     | 0.804     | -0.033    | 1.047 | 0.039     | 0.039     | 0         | 61.5 | 62.4 | 61.1 | 176        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 12   | 26     | 26     | 0.886     | -0.092    | 1.05  | 0.039     | 0.039     | 0         | 61.5 | 62.8 | 61.9 | 176        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 11  | 12   | 36     | 26     | 0.853     | -0.049    | 1.05  | 0.039     | 0.036     | 0         | 62.4 | 63.2 | 60.6 | 178        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 12   | 46     | 26     | 0.86      | 0.013     | 1.05  | 0.039     | 0.039     | 0         | 62.4 | 63.2 | 61.1 | 178        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 12   | 56     | 26     | 0.853     | 0         | 1.05  | 0.033     | 0.03      | 0         | 62.8 | 63.2 | 59.8 | 179        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 13   | 6      | 26     | 0.866     | -0.052    | 1.05  | 0.036     | 0.033     | 0         | 61.5 | 62.4 | 61.9 | 176        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 13   | 16     | 26     | 0.856     | -0.033    | 1.047 | 0.043     | 0.039     | 0         | 61.5 | 62.8 | 61.5 | 176        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 11  | 13   | 26     | 26     | 0.814     | -0.023    | 1.05  | 0.039     | 0.036     | 0         | 61.1 | 61.9 | 62.4 | 176        | 177        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 13   | 36     | 26     | 0.846     | -0.01     | 1.05  | 0.033     | 0.03      | 0         | 61.5 | 62.8 | 59.8 | 176        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 11  | 13   | 46     | 26     | 0.869     | 0         | 1.05  | 0.036     | 0.033     | 0         | 61.5 | 62.8 | 61.9 | 176        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 11  | 13   | 56     | 26     | 0.846     | -0.003    | 1.047 | 0.039     | 0.039     | 0         | 61.9 | 62.8 | 61.1 | 177        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 14   | 6      | 26     | 0.817     | -0.03     | 1.047 | 0.043     | 0.039     | 0         | 61.9 | 63.2 | 61.1 | 177        | 179        | 0          | 33     | 32     |
| 2009 | 6     | 11  | 14   | 16     | 26     | 0.804     | -0.03     | 1.047 | 0.039     | 0.036     | 0         | 61.1 | 62.4 | 62.8 | 175        | 176        | 0          | 33     | 31     |
| 2009 | 6     | 11  | 14   | 26     | 26     | 0.866     | -0.056    | 1.047 | 0.049     | 0.049     | 0         | 62.4 | 64.1 | 61.9 | 178        | 181        | 0          | 33     | 32     |
| 2009 | 6     | 11  | 14   | 36     | 26     | 0.751     | -0.026    | 1.047 | 0.039     | 0.039     | 0         | 61.5 | 63.2 | 62.4 | 176        | 179        | 0          | 33     | 32     |
| 2009 | 6     | 11  | 14   | 46     | 26     | 0.823     | -0.036    | 1.047 | 0.043     | 0.039     | 0         | 63.2 | 64.5 | 59.8 | 179        | 182        | 0          | 32     | 32     |
| 2009 | 6     | 11  | 14   | 56     | 26     | 0.912     | -0.03     | 1.047 | 0.046     | 0.043     | 0         | 61.1 | 62.4 | 61.5 | 176        | 178        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 15   | 6      | 26     | 0.817     | -0.003    | 1.047 | 0.039     | 0.036     | 0         | 62.8 | 63.6 | 58   | 179        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 15   | 16     | 26     | 0.827     | -0.023    | 1.047 | 0.039     | 0.036     | 0         | 62.4 | 63.6 | 60.2 | 178        | 180        | 0          | 33     | 32     |
| 2009 | 6     | 11  | 15   | 26     | 26     | 0.807     | -0.036    | 1.043 | 0.039     | 0.039     | 0         | 62.4 | 63.6 | 56.3 | 178        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 15   | 36     | 26     | 0.896     | -0.069    | 1.043 | 0.046     | 0.043     | 0         | 64.5 | 65.4 | 55   | 183        | 185        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 15   | 46     | 26     | 0.827     | 0.016     | 1.043 | 0.043     | 0.039     | 0         | 63.6 | 64.1 | 56.3 | 180        | 182        | 0          | 32     | 33     |
| 2009 | 6     | 11  | 15   | 56     | 26     | 0.837     | 0         | 1.043 | 0.043     | 0.039     | 0         | 63.6 | 65.4 | 57.2 | 181        | 184        | 0          | 33     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 11  | 16   | 6      | 26     | 0.846     | -0.046    | 1.043 | 0.039     | 0.036     | 0         | 63.2 | 64.9 | 57.2 | 180        | 183        | 0          | 33     | 32     |
| 2009 | 6     | 11  | 16   | 16     | 26     | 0.814     | -0.003    | 1.043 | 0.046     | 0.046     | 0         | 63.2 | 64.1 | 57.6 | 179        | 181        | 0          | 32     | 32     |
| 2009 | 6     | 11  | 16   | 26     | 26     | 0.817     | -0.082    | 1.043 | 0.039     | 0.036     | 0         | 62.8 | 64.5 | 58   | 179        | 182        | 0          | 33     | 32     |
| 2009 | 6     | 11  | 16   | 36     | 26     | 0.889     | 0.01      | 1.043 | 0.043     | 0.039     | 0         | 61.5 | 62.4 | 60.6 | 175        | 177        | 0          | 32     | 32     |
| 2009 | 6     | 11  | 16   | 46     | 26     | 0.745     | -0.013    | 1.04  | 0.039     | 0.036     | 0         | 61.9 | 62.8 | 58.5 | 177        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 16   | 56     | 26     | 0.761     | -0.01     | 1.04  | 0.039     | 0.036     | 0         | 62.4 | 63.2 | 58.5 | 177        | 179        | 0          | 32     | 32     |
| 2009 | 6     | 11  | 17   | 6      | 26     | 0.794     | -0.013    | 1.04  | 0.039     | 0.036     | 0         | 61.1 | 62.8 | 58.9 | 175        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 11  | 17   | 16     | 26     | 0.837     | -0.046    | 1.04  | 0.046     | 0.043     | 0         | 61.5 | 62.8 | 58.5 | 176        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 11  | 17   | 26     | 26     | 0.856     | -0.138    | 1.04  | 0.039     | 0.039     | 0         | 61.5 | 62.8 | 58   | 176        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 11  | 17   | 36     | 26     | 0.804     | 0.013     | 1.037 | 0.039     | 0.036     | 0         | 60.6 | 61.5 | 59.3 | 174        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 17   | 46     | 26     | 0.869     | 0.007     | 1.04  | 0.039     | 0.039     | 0         | 61.5 | 61.5 | 59.3 | 175        | 176        | 0          | 32     | 33     |
| 2009 | 6     | 11  | 17   | 56     | 26     | 0.764     | -0.062    | 1.037 | 0.039     | 0.039     | 0         | 61.5 | 62.4 | 58.9 | 175        | 178        | 0          | 32     | 33     |
| 2009 | 6     | 11  | 18   | 6      | 26     | 0.82      | -0.013    | 1.037 | 0.033     | 0.033     | 0         | 61.1 | 62.4 | 58.5 | 175        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 18   | 16     | 26     | 0.791     | 0         | 1.037 | 0.039     | 0.036     | 0         | 61.9 | 62.4 | 57.6 | 176        | 178        | 0          | 32     | 33     |
| 2009 | 6     | 11  | 18   | 26     | 26     | 0.814     | -0.016    | 1.037 | 0.039     | 0.036     | 0         | 61.5 | 63.2 | 58.5 | 176        | 179        | 0          | 33     | 32     |
| 2009 | 6     | 11  | 18   | 36     | 26     | 0.801     | -0.112    | 1.037 | 0.039     | 0.039     | 0         | 61.5 | 62.4 | 58   | 176        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 18   | 46     | 26     | 0.787     | -0.059    | 1.037 | 0.043     | 0.039     | 0         | 61.9 | 62.8 | 57.2 | 177        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 11  | 18   | 56     | 26     | 0.817     | -0.023    | 1.037 | 0.049     | 0.046     | 0         | 61.5 | 63.2 | 58   | 176        | 179        | 0          | 33     | 32     |
| 2009 | 6     | 11  | 19   | 6      | 26     | 0.801     | -0.095    | 1.033 | 0.046     | 0.043     | 0         | 61.5 | 62.4 | 57.6 | 176        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 19   | 16     | 26     | 0.794     | -0.118    | 1.037 | 0.043     | 0.039     | 0         | 62.4 | 64.1 | 56.3 | 178        | 181        | 0          | 33     | 32     |
| 2009 | 6     | 11  | 19   | 26     | 26     | 0.801     | -0.089    | 1.037 | 0.036     | 0.033     | 0         | 62.4 | 63.2 | 57.2 | 178        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 19   | 36     | 26     | 0.814     | -0.144    | 1.033 | 0.039     | 0.036     | 0         | 62.4 | 63.6 | 55.9 | 179        | 181        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 19   | 46     | 26     | 0.755     | -0.075    | 1.037 | 0.039     | 0.036     | 0         | 62.4 | 64.5 | 55.5 | 179        | 182        | 0          | 34     | 32     |
| 2009 | 6     | 11  | 19   | 56     | 26     | 0.719     | -0.138    | 1.033 | 0.039     | 0.039     | 0         | 61.9 | 63.2 | 56.3 | 177        | 179        | 0          | 33     | 32     |
| 2009 | 6     | 11  | 20   | 6      | 26     | 0.784     | -0.075    | 1.033 | 0.039     | 0.036     | 0         | 61.5 | 62.8 | 57.2 | 176        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 20   | 16     | 26     | 0.728     | -0.135    | 1.033 | 0.043     | 0.039     | 0         | 62.8 | 63.6 | 56.3 | 179        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 20   | 26     | 26     | 0.738     | -0.148    | 1.033 | 0.039     | 0.039     | 0         | 61.9 | 62.8 | 57.2 | 177        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 20   | 36     | 26     | 0.748     | -0.151    | 1.033 | 0.039     | 0.039     | 0         | 63.2 | 64.5 | 54.6 | 180        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 20   | 46     | 26     | 0.801     | -0.121    | 1.033 | 0.033     | 0.03      | 0         | 63.2 | 64.5 | 55.5 | 180        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 20   | 56     | 26     | 0.807     | -0.046    | 1.033 | 0.039     | 0.036     | 0         | 63.6 | 64.9 | 54.6 | 181        | 184        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 21   | 6      | 26     | 0.804     | -0.118    | 1.033 | 0.039     | 0.036     | 0         | 62.8 | 64.5 | 55   | 180        | 183        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 21   | 16     | 26     | 0.758     | -0.079    | 1.033 | 0.039     | 0.036     | 0         | 62.8 | 64.1 | 55.9 | 179        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 21   | 26     | 26     | 0.801     | -0.049    | 1.033 | 0.043     | 0.039     | 0         | 63.2 | 64.1 | 55.5 | 180        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 21   | 36     | 26     | 0.827     | -0.154    | 1.033 | 0.039     | 0.036     | 0         | 62.8 | 64.1 | 56.3 | 179        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 21   | 46     | 26     | 0.814     | -0.052    | 1.033 | 0.036     | 0.033     | 0         | 62.4 | 63.2 | 56.3 | 178        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 21   | 56     | 26     | 0.853     | -0.046    | 1.033 | 0.043     | 0.039     | 0         | 61.9 | 63.6 | 55.9 | 178        | 181        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 22   | 6      | 26     | 0.823     | -0.066    | 1.03  | 0.039     | 0.036     | 0         | 61.9 | 63.2 | 56.8 | 177        | 179        | 0          | 33     | 32     |
| 2009 | 6     | 11  | 22   | 16     | 26     | 0.81      | -0.046    | 1.03  | 0.036     | 0.033     | 0         | 61.9 | 63.6 | 57.2 | 177        | 180        | 0          | 33     | 32     |
| 2009 | 6     | 11  | 22   | 26     | 26     | 0.827     | -0.043    | 1.033 | 0.039     | 0.039     | 0         | 63.2 | 64.5 | 55.5 | 180        | 182        | 0          | 33     | 32     |
| 2009 | 6     | 11  | 22   | 36     | 26     | 0.774     | -0.095    | 1.033 | 0.046     | 0.043     | 0         | 63.2 | 64.5 | 55.9 | 180        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 22   | 46     | 26     | 0.751     | -0.046    | 1.033 | 0.039     | 0.039     | 0         | 63.2 | 64.1 | 56.8 | 180        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 22   | 56     | 26     | 0.86      | -0.082    | 1.033 | 0.043     | 0.039     | 0         | 62.4 | 64.1 | 55.5 | 179        | 182        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 23   | 6      | 26     | 0.732     | -0.036    | 1.033 | 0.039     | 0.039     | 0         | 61.9 | 63.2 | 56.8 | 177        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 23   | 16     | 26     | 0.84      | -0.052    | 1.033 | 0.043     | 0.039     | 0         | 62.8 | 64.1 | 56.8 | 178        | 181        | 0          | 32     | 32     |
| 2009 | 6     | 11  | 23   | 26     | 26     | 0.807     | -0.095    | 1.033 | 0.039     | 0.036     | 0         | 63.2 | 64.5 | 57.2 | 180        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 23   | 36     | 26     | 0.794     | -0.164    | 1.033 | 0.039     | 0.036     | 0         | 63.2 | 64.9 | 56.3 | 181        | 184        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 23   | 46     | 26     | 0.797     | -0.112    | 1.037 | 0.049     | 0.049     | 0         | 63.2 | 64.5 | 57.2 | 180        | 184        | 0          | 33     | 34     |
| 2009 | 6     | 11  | 23   | 56     | 26     | 0.778     | 0.016     | 1.037 | 0.039     | 0.039     | 0         | 64.5 | 65.4 | 55.9 | 183        | 185        | 0          | 33     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 12  | 0    | 6      | 26     | 0.837     | -0.213    | 1.033 | 0.039     | 0.039     | 0         | 63.2 | 64.5 | 56.8 | 180        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 0    | 16     | 26     | 0.804     | -0.003    | 1.033 | 0.039     | 0.039     | 0         | 62.8 | 64.1 | 55.9 | 179        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 0    | 26     | 26     | 0.804     | -0.052    | 1.033 | 0.039     | 0.039     | 0         | 63.6 | 64.9 | 55.9 | 181        | 184        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 0    | 36     | 26     | 0.778     | -0.095    | 1.033 | 0.039     | 0.039     | 0         | 63.2 | 64.5 | 56.8 | 180        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 0    | 46     | 26     | 0.807     | -0.108    | 1.037 | 0.046     | 0.046     | 0         | 63.6 | 65.4 | 57.2 | 181        | 184        | 0          | 33     | 32     |
| 2009 | 6     | 12  | 0    | 56     | 26     | 0.745     | -0.079    | 1.037 | 0.039     | 0.036     | 0         | 63.6 | 65.4 | 56.3 | 181        | 185        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 1    | 6      | 26     | 0.781     | -0.062    | 1.033 | 0.046     | 0.046     | 0         | 63.2 | 65.4 | 56.3 | 181        | 185        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 1    | 16     | 26     | 0.797     | -0.079    | 1.037 | 0.036     | 0.033     | 0         | 64.5 | 66.2 | 57.2 | 183        | 187        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 1    | 26     | 26     | 0.728     | -0.105    | 1.037 | 0.039     | 0.039     | 0         | 64.5 | 65.8 | 56.8 | 183        | 187        | 0          | 33     | 34     |
| 2009 | 6     | 12  | 1    | 36     | 26     | 0.755     | 0.003     | 1.037 | 0.043     | 0.039     | 0         | 64.5 | 66.7 | 56.3 | 183        | 188        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 1    | 46     | 26     | 0.843     | -0.079    | 1.037 | 0.039     | 0.036     | 0         | 63.2 | 65.4 | 56.8 | 180        | 184        | 0          | 33     | 32     |
| 2009 | 6     | 12  | 1    | 56     | 26     | 0.774     | -0.112    | 1.037 | 0.039     | 0.039     | 0         | 64.5 | 66.2 | 56.3 | 183        | 187        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 2    | 6      | 26     | 0.781     | -0.062    | 1.037 | 0.039     | 0.039     | 0         | 64.5 | 66.7 | 55.9 | 183        | 188        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 2    | 16     | 26     | 0.778     | -0.056    | 1.037 | 0.039     | 0.039     | 0         | 64.5 | 66.2 | 55.9 | 184        | 187        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 2    | 26     | 26     | 0.732     | -0.085    | 1.037 | 0.046     | 0.043     | 0         | 64.5 | 66.2 | 55.9 | 183        | 187        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 2    | 36     | 26     | 0.741     | -0.157    | 1.037 | 0.043     | 0.039     | 0         | 64.9 | 66.7 | 55   | 184        | 188        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 2    | 46     | 26     | 0.81      | -0.148    | 1.037 | 0.036     | 0.033     | 0         | 65.4 | 67.1 | 55.9 | 185        | 190        | 0          | 33     | 34     |
| 2009 | 6     | 12  | 2    | 56     | 26     | 0.715     | -0.203    | 1.037 | 0.043     | 0.039     | 0         | 64.1 | 66.2 | 55.9 | 182        | 188        | 0          | 33     | 34     |
| 2009 | 6     | 12  | 3    | 6      | 26     | 0.738     | -0.085    | 1.04  | 0.043     | 0.039     | 0         | 64.5 | 67.1 | 56.3 | 184        | 188        | 0          | 34     | 32     |
| 2009 | 6     | 12  | 3    | 16     | 26     | 0.738     | -0.105    | 1.04  | 0.043     | 0.039     | 0         | 65.4 | 67.1 | 56.3 | 186        | 189        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 3    | 26     | 26     | 0.722     | -0.062    | 1.04  | 0.046     | 0.046     | 0         | 64.5 | 67.1 | 56.3 | 184        | 189        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 3    | 36     | 26     | 0.751     | 0.013     | 1.037 | 0.039     | 0.039     | 0         | 64.1 | 65.8 | 56.8 | 182        | 186        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 3    | 46     | 26     | 0.758     | -0.069    | 1.037 | 0.039     | 0.039     | 0         | 64.1 | 66.2 | 55.9 | 182        | 187        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 3    | 56     | 26     | 0.735     | -0.128    | 1.037 | 0.043     | 0.039     | 0         | 63.2 | 65.4 | 56.8 | 180        | 185        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 4    | 6      | 26     | 0.745     | -0.079    | 1.037 | 0.046     | 0.046     | 0         | 63.2 | 65.8 | 56.8 | 181        | 186        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 4    | 16     | 26     | 0.823     | -0.18     | 1.04  | 0.046     | 0.043     | 0         | 64.5 | 67.1 | 56.3 | 184        | 189        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 4    | 26     | 26     | 0.758     | -0.052    | 1.037 | 0.039     | 0.036     | 0         | 64.1 | 65.8 | 57.6 | 182        | 186        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 4    | 36     | 26     | 0.732     | -0.112    | 1.04  | 0.046     | 0.043     | 0         | 63.6 | 65.4 | 57.6 | 182        | 186        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 4    | 46     | 26     | 0.686     | -0.131    | 1.037 | 0.039     | 0.039     | 0         | 63.2 | 65.4 | 55.9 | 180        | 186        | 0          | 33     | 34     |
| 2009 | 6     | 12  | 4    | 56     | 26     | 0.715     | -0.066    | 1.04  | 0.046     | 0.043     | 0         | 63.2 | 66.2 | 57.2 | 181        | 187        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 5    | 6      | 26     | 0.768     | -0.049    | 1.037 | 0.039     | 0.039     | 0         | 63.2 | 65.8 | 57.2 | 181        | 186        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 5    | 16     | 26     | 0.751     | -0.167    | 1.037 | 0.039     | 0.036     | 0         | 63.2 | 65.8 | 55.9 | 180        | 186        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 5    | 26     | 26     | 0.791     | -0.128    | 1.037 | 0.039     | 0.039     | 0         | 62.8 | 64.9 | 55.5 | 180        | 185        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 5    | 36     | 26     | 0.791     | -0.121    | 1.037 | 0.039     | 0.036     | 0         | 63.6 | 65.8 | 54.6 | 182        | 186        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 5    | 46     | 26     | 0.699     | -0.154    | 1.037 | 0.043     | 0.039     | 0         | 64.1 | 66.7 | 54.6 | 183        | 188        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 5    | 56     | 26     | 0.781     | -0.148    | 1.037 | 0.039     | 0.036     | 0         | 64.1 | 66.2 | 55   | 182        | 187        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 6    | 6      | 26     | 0.712     | -0.174    | 1.037 | 0.039     | 0.039     | 0         | 64.5 | 67.1 | 54.6 | 183        | 189        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 6    | 16     | 26     | 0.676     | -0.157    | 1.037 | 0.039     | 0.039     | 0         | 63.2 | 66.2 | 55.5 | 181        | 187        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 6    | 26     | 26     | 0.633     | -0.085    | 1.037 | 0.046     | 0.043     | 0         | 64.1 | 66.2 | 55   | 183        | 188        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 6    | 36     | 26     | 0.669     | -0.115    | 1.037 | 0.043     | 0.039     | 0         | 63.2 | 65.8 | 55   | 181        | 186        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 6    | 46     | 26     | 0.745     | -0.085    | 1.037 | 0.043     | 0.039     | 0         | 64.1 | 66.2 | 55.5 | 182        | 187        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 6    | 56     | 26     | 0.794     | -0.066    | 1.037 | 0.043     | 0.039     | 0         | 64.5 | 66.2 | 53.8 | 184        | 188        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 7    | 6      | 26     | 0.781     | -0.138    | 1.037 | 0.033     | 0.03      | 0         | 64.1 | 66.2 | 54.2 | 183        | 188        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 7    | 16     | 26     | 0.666     | -0.082    | 1.037 | 0.036     | 0.033     | 0         | 64.1 | 66.7 | 54.6 | 183        | 188        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 7    | 26     | 26     | 0.745     | -0.112    | 1.037 | 0.043     | 0.039     | 0         | 64.5 | 67.5 | 53.8 | 184        | 190        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 7    | 36     | 26     | 0.81      | -0.075    | 1.037 | 0.043     | 0.039     | 0         | 64.1 | 66.7 | 54.6 | 183        | 189        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 7    | 46     | 26     | 0.758     | -0.095    | 1.037 | 0.043     | 0.039     | 0         | 65.4 | 67.5 | 52.9 | 186        | 191        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 7    | 56     | 26     | 0.735     | -0.026    | 1.037 | 0.039     | 0.036     | 0         | 65.4 | 67.1 | 53.3 | 185        | 190        | 0          | 33     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 12  | 8    | 6      | 26     | 0.699     | -0.036    | 1.037 | 0.039     | 0.036     | 0         | 64.9 | 67.1 | 54.6 | 185        | 190        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 8    | 16     | 26     | 0.745     | -0.128    | 1.037 | 0.043     | 0.039     | 0         | 64.5 | 67.1 | 54.2 | 184        | 189        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 8    | 26     | 26     | 0.656     | -0.164    | 1.037 | 0.039     | 0.039     | 0         | 64.5 | 67.1 | 54.2 | 184        | 189        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 8    | 36     | 26     | 0.738     | -0.131    | 1.037 | 0.043     | 0.039     | 0         | 65.4 | 66.7 | 54.2 | 184        | 189        | 0          | 32     | 34     |
| 2009 | 6     | 12  | 8    | 46     | 26     | 0.696     | -0.131    | 1.037 | 0.036     | 0.033     | 0         | 64.5 | 66.2 | 55   | 183        | 187        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 8    | 56     | 26     | 0.689     | -0.121    | 1.037 | 0.039     | 0.036     | 0         | 64.5 | 66.2 | 55   | 183        | 188        | 0          | 33     | 34     |
| 2009 | 6     | 12  | 9    | 6      | 26     | 0.761     | -0.098    | 1.037 | 0.039     | 0.036     | 0         | 64.5 | 66.7 | 55   | 183        | 188        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 9    | 16     | 26     | 0.696     | -0.138    | 1.037 | 0.049     | 0.049     | 0         | 61.9 | 64.5 | 56.8 | 179        | 183        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 9    | 26     | 26     | 0.725     | -0.043    | 1.037 | 0.049     | 0.049     | 0         | 63.6 | 64.9 | 55.9 | 181        | 184        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 9    | 36     | 26     | 0.758     | -0.079    | 1.037 | 0.046     | 0.046     | 0         | 63.6 | 65.8 | 55.5 | 181        | 186        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 9    | 46     | 26     | 0.778     | -0.138    | 1.037 | 0.039     | 0.039     | 0         | 64.9 | 66.7 | 54.6 | 184        | 189        | 0          | 33     | 34     |
| 2009 | 6     | 12  | 9    | 56     | 26     | 0.817     | -0.167    | 1.037 | 0.039     | 0.039     | 0         | 64.1 | 66.2 | 55   | 182        | 186        | 0          | 33     | 32     |
| 2009 | 6     | 12  | 10   | 6      | 26     | 0.801     | -0.092    | 1.037 | 0.046     | 0.046     | 0         | 64.1 | 65.4 | 55.5 | 182        | 185        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 10   | 16     | 26     | 0.748     | -0.167    | 1.037 | 0.043     | 0.039     | 0         | 64.1 | 65.8 | 55.5 | 183        | 186        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 10   | 26     | 26     | 0.719     | -0.177    | 1.037 | 0.039     | 0.036     | 0         | 64.5 | 65.8 | 54.2 | 184        | 187        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 10   | 36     | 26     | 0.751     | -0.089    | 1.037 | 0.039     | 0.036     | 0         | 64.1 | 65.8 | 55   | 183        | 186        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 10   | 46     | 26     | 0.778     | -0.098    | 1.037 | 0.039     | 0.039     | 0         | 64.5 | 66.7 | 54.6 | 184        | 188        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 10   | 56     | 26     | 0.764     | -0.108    | 1.037 | 0.033     | 0.03      | 0         | 65.4 | 66.7 | 53.8 | 185        | 188        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 11   | 6      | 26     | 0.761     | -0.112    | 1.037 | 0.049     | 0.046     | 0         | 65.8 | 67.5 | 53.8 | 187        | 190        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 11   | 16     | 26     | 0.728     | -0.144    | 1.037 | 0.043     | 0.043     | 0         | 63.6 | 64.5 | 55.9 | 181        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 11   | 26     | 26     | 0.741     | -0.112    | 1.037 | 0.039     | 0.039     | 0         | 65.4 | 66.7 | 53.8 | 185        | 189        | 0          | 33     | 34     |
| 2009 | 6     | 12  | 11   | 36     | 26     | 0.768     | -0.105    | 1.037 | 0.046     | 0.043     | 0         | 65.4 | 67.1 | 53.3 | 186        | 189        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 11   | 46     | 26     | 0.735     | -0.092    | 1.037 | 0.039     | 0.039     | 0         | 64.5 | 65.8 | 54.2 | 183        | 186        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 11   | 56     | 26     | 0.738     | -0.069    | 1.037 | 0.039     | 0.036     | 0         | 64.1 | 67.1 | 54.2 | 183        | 188        | 0          | 34     | 32     |
| 2009 | 6     | 12  | 12   | 6      | 26     | 0.738     | -0.069    | 1.037 | 0.043     | 0.039     | 0         | 64.5 | 66.2 | 54.2 | 183        | 187        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 12   | 16     | 26     | 0.771     | -0.085    | 1.037 | 0.039     | 0.036     | 0         | 63.6 | 64.5 | 56.8 | 181        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 12   | 26     | 26     | 0.719     | -0.092    | 1.037 | 0.039     | 0.039     | 0         | 62.8 | 63.6 | 56.8 | 179        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 12   | 36     | 26     | 0.719     | -0.052    | 1.033 | 0.039     | 0.039     | 0         | 62.8 | 64.5 | 55   | 179        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 12   | 46     | 26     | 0.702     | -0.161    | 1.033 | 0.043     | 0.039     | 0         | 63.6 | 65.8 | 55   | 182        | 186        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 12   | 56     | 26     | 0.719     | -0.102    | 1.037 | 0.039     | 0.039     | 0         | 64.1 | 66.2 | 54.2 | 182        | 187        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 13   | 6      | 26     | 0.6       | -0.102    | 1.033 | 0.039     | 0.036     | 0         | 61.5 | 64.1 | 57.6 | 176        | 181        | 0          | 33     | 32     |
| 2009 | 6     | 12  | 13   | 16     | 26     | 0.764     | -0.089    | 1.033 | 0.039     | 0.036     | 0         | 62.8 | 64.9 | 55.9 | 179        | 184        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 13   | 26     | 26     | 0.692     | -0.056    | 1.033 | 0.039     | 0.036     | 0         | 61.1 | 63.2 | 56.3 | 176        | 180        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 13   | 36     | 26     | 0.705     | -0.03     | 1.03  | 0.036     | 0.033     | 0         | 61.9 | 63.6 | 56.8 | 177        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 13   | 46     | 26     | 0.725     | -0.046    | 1.03  | 0.036     | 0.033     | 0         | 61.5 | 63.6 | 55.9 | 176        | 180        | 0          | 33     | 32     |
| 2009 | 6     | 12  | 13   | 56     | 26     | 0.748     | -0.089    | 1.03  | 0.039     | 0.036     | 0         | 61.5 | 63.2 | 56.8 | 177        | 180        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 14   | 6      | 26     | 0.709     | -0.016    | 1.027 | 0.036     | 0.033     | 0         | 61.5 | 62.4 | 56.3 | 176        | 179        | 0          | 33     | 34     |
| 2009 | 6     | 12  | 14   | 16     | 26     | 0.673     | -0.023    | 1.027 | 0.039     | 0.036     | 0         | 61.1 | 62.8 | 57.2 | 175        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 14   | 26     | 26     | 0.663     | -0.075    | 1.027 | 0.046     | 0.043     | 0         | 62.4 | 64.1 | 56.3 | 177        | 181        | 0          | 32     | 32     |
| 2009 | 6     | 12  | 14   | 36     | 26     | 0.682     | -0.046    | 1.024 | 0.043     | 0.039     | 0         | 61.5 | 64.1 | 55.5 | 177        | 181        | 0          | 34     | 32     |
| 2009 | 6     | 12  | 14   | 46     | 26     | 0.65      | -0.039    | 1.027 | 0.049     | 0.046     | 0         | 61.5 | 64.1 | 55   | 177        | 181        | 0          | 34     | 32     |
| 2009 | 6     | 12  | 14   | 56     | 26     | 0.741     | -0.036    | 1.027 | 0.039     | 0.039     | 0         | 62.4 | 63.6 | 55   | 178        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 15   | 6      | 26     | 0.699     | -0.033    | 1.024 | 0.039     | 0.036     | 0         | 61.5 | 63.6 | 56.8 | 176        | 180        | 0          | 33     | 32     |
| 2009 | 6     | 12  | 15   | 16     | 26     | 0.791     | -0.098    | 1.027 | 0.039     | 0.039     | 0         | 61.1 | 63.2 | 56.8 | 175        | 179        | 0          | 33     | 32     |
| 2009 | 6     | 12  | 15   | 26     | 26     | 0.745     | 0         | 1.024 | 0.036     | 0.033     | 0         | 61.5 | 63.2 | 55.9 | 176        | 179        | 0          | 33     | 32     |
| 2009 | 6     | 12  | 15   | 36     | 26     | 0.709     | -0.03     | 1.024 | 0.039     | 0.036     | 0         | 61.1 | 62.8 | 56.8 | 175        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 15   | 46     | 26     | 0.751     | 0.036     | 1.024 | 0.039     | 0.039     | 0         | 61.1 | 62.8 | 56.3 | 175        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 15   | 56     | 26     | 0.771     | 0         | 1.024 | 0.039     | 0.039     | 0         | 61.5 | 63.2 | 55   | 176        | 180        | 0          | 33     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 12  | 16   | 6      | 26     | 0.702     | -0.052    | 1.024 | 0.036     | 0.033     | 0         | 61.1 | 62.8 | 57.2 | 175        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 12  | 16   | 16     | 26     | 0.643     | -0.023    | 1.024 | 0.039     | 0.039     | 0         | 61.9 | 63.6 | 55   | 177        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 16   | 26     | 26     | 0.732     | 0.033     | 1.024 | 0.043     | 0.039     | 0         | 61.5 | 63.6 | 55.5 | 176        | 180        | 0          | 33     | 32     |
| 2009 | 6     | 12  | 16   | 36     | 26     | 0.741     | -0.013    | 1.024 | 0.039     | 0.039     | 0         | 60.6 | 62.4 | 57.2 | 174        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 16   | 46     | 26     | 0.745     | 0.03      | 1.02  | 0.046     | 0.043     | 0         | 60.6 | 62.8 | 56.8 | 174        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 12  | 16   | 56     | 26     | 0.771     | -0.062    | 1.024 | 0.036     | 0.033     | 0         | 61.1 | 62.4 | 56.8 | 174        | 178        | 0          | 32     | 33     |
| 2009 | 6     | 12  | 17   | 6      | 26     | 0.689     | 0.01      | 1.024 | 0.043     | 0.039     | 0         | 59.8 | 61.5 | 58   | 173        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 17   | 16     | 26     | 0.65      | -0.03     | 1.024 | 0.039     | 0.036     | 0         | 60.6 | 63.2 | 56.3 | 175        | 179        | 0          | 34     | 32     |
| 2009 | 6     | 12  | 17   | 26     | 26     | 0.745     | -0.003    | 1.02  | 0.039     | 0.039     | 0         | 60.6 | 62.8 | 56.3 | 174        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 12  | 17   | 36     | 26     | 0.715     | -0.131    | 1.02  | 0.036     | 0.033     | 0         | 60.6 | 61.9 | 56.8 | 174        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 17   | 46     | 26     | 0.735     | -0.069    | 1.024 | 0.039     | 0.036     | 0         | 61.5 | 63.2 | 55   | 176        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 17   | 56     | 26     | 0.755     | -0.112    | 1.024 | 0.052     | 0.049     | 0         | 60.2 | 62.4 | 57.2 | 174        | 178        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 18   | 6      | 26     | 0.663     | -0.069    | 1.02  | 0.043     | 0.039     | 0         | 61.5 | 63.6 | 55.5 | 176        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 18   | 16     | 26     | 0.715     | -0.075    | 1.02  | 0.039     | 0.039     | 0         | 60.6 | 62.4 | 57.2 | 174        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 18   | 26     | 26     | 0.712     | -0.108    | 1.02  | 0.039     | 0.036     | 0         | 61.1 | 62.8 | 56.8 | 175        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 18   | 36     | 26     | 0.761     | -0.108    | 1.02  | 0.039     | 0.036     | 0         | 61.1 | 62.4 | 56.8 | 175        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 18   | 46     | 26     | 0.709     | -0.023    | 1.02  | 0.039     | 0.039     | 0         | 60.6 | 62.8 | 56.8 | 174        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 12  | 18   | 56     | 26     | 0.676     | -0.102    | 1.02  | 0.039     | 0.036     | 0         | 61.1 | 62.8 | 56.8 | 175        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 19   | 6      | 26     | 0.692     | -0.112    | 1.017 | 0.043     | 0.039     | 0         | 60.6 | 61.5 | 58   | 173        | 176        | 0          | 32     | 33     |
| 2009 | 6     | 12  | 19   | 16     | 26     | 0.676     | -0.105    | 1.017 | 0.039     | 0.036     | 0         | 59.8 | 61.1 | 58.5 | 172        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 19   | 26     | 26     | 0.702     | -0.148    | 1.017 | 0.039     | 0.036     | 0         | 59.8 | 61.9 | 58.9 | 172        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 12  | 19   | 36     | 26     | 0.663     | -0.075    | 1.017 | 0.043     | 0.039     | 0         | 61.1 | 62.4 | 57.6 | 175        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 19   | 46     | 26     | 0.679     | -0.049    | 1.017 | 0.039     | 0.039     | 0         | 60.6 | 62.8 | 56.8 | 174        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 19   | 56     | 26     | 0.715     | -0.052    | 1.017 | 0.046     | 0.043     | 0         | 60.6 | 62.4 | 57.2 | 175        | 178        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 20   | 6      | 26     | 0.791     | -0.095    | 1.017 | 0.039     | 0.036     | 0         | 60.6 | 61.9 | 58   | 174        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 20   | 16     | 26     | 0.758     | -0.072    | 1.017 | 0.039     | 0.039     | 0         | 59.3 | 61.5 | 58.9 | 172        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 20   | 26     | 26     | 0.738     | -0.128    | 1.014 | 0.039     | 0.039     | 0         | 59.3 | 61.5 | 59.3 | 172        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 20   | 36     | 26     | 0.696     | -0.105    | 1.014 | 0.043     | 0.039     | 0         | 59.8 | 61.1 | 59.8 | 172        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 20   | 46     | 26     | 0.702     | -0.013    | 1.014 | 0.036     | 0.033     | 0         | 59.8 | 62.4 | 57.6 | 173        | 177        | 0          | 34     | 32     |
| 2009 | 6     | 12  | 20   | 56     | 26     | 0.673     | -0.115    | 1.014 | 0.039     | 0.039     | 0         | 60.2 | 61.9 | 58.5 | 173        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 21   | 6      | 26     | 0.702     | -0.089    | 1.014 | 0.043     | 0.039     | 0         | 60.2 | 61.9 | 58.5 | 174        | 177        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 21   | 16     | 26     | 0.728     | -0.039    | 1.014 | 0.039     | 0.036     | 0         | 60.2 | 62.8 | 58.9 | 173        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 12  | 21   | 26     | 26     | 0.715     | -0.115    | 1.014 | 0.039     | 0.039     | 0         | 59.3 | 61.1 | 58.5 | 172        | 176        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 21   | 36     | 26     | 0.758     | -0.033    | 1.014 | 0.039     | 0.039     | 0         | 60.2 | 61.5 | 58.9 | 173        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 21   | 46     | 26     | 0.725     | -0.052    | 1.014 | 0.036     | 0.033     | 0         | 59.8 | 61.9 | 58.5 | 173        | 177        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 21   | 56     | 26     | 0.696     | -0.131    | 1.014 | 0.039     | 0.036     | 0         | 60.6 | 61.5 | 58.9 | 174        | 177        | 0          | 33     | 34     |
| 2009 | 6     | 12  | 22   | 6      | 26     | 0.735     | -0.131    | 1.014 | 0.049     | 0.049     | 0         | 59.3 | 61.5 | 60.6 | 172        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 22   | 16     | 26     | 0.65      | -0.141    | 1.014 | 0.039     | 0.036     | 0         | 59.3 | 61.1 | 58.9 | 172        | 176        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 22   | 26     | 26     | 0.81      | -0.062    | 1.014 | 0.033     | 0.03      | 0         | 60.2 | 61.9 | 58.5 | 173        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 22   | 36     | 26     | 0.732     | -0.098    | 1.014 | 0.043     | 0.039     | 0         | 60.2 | 61.5 | 60.6 | 173        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 22   | 46     | 26     | 0.686     | -0.056    | 1.014 | 0.039     | 0.039     | 0         | 59.3 | 61.5 | 59.3 | 172        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 22   | 56     | 26     | 0.771     | -0.043    | 1.014 | 0.039     | 0.039     | 0         | 59.8 | 61.9 | 59.8 | 172        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 12  | 23   | 6      | 26     | 0.725     | -0.079    | 1.014 | 0.039     | 0.039     | 0         | 59.3 | 61.1 | 60.2 | 171        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 23   | 16     | 26     | 0.682     | -0.066    | 1.014 | 0.046     | 0.043     | 0         | 59.3 | 61.1 | 60.6 | 171        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 23   | 26     | 26     | 0.794     | -0.03     | 1.014 | 0.039     | 0.039     | 0         | 59.8 | 61.5 | 59.3 | 172        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 23   | 36     | 26     | 0.669     | -0.105    | 1.014 | 0.036     | 0.033     | 0         | 59.3 | 60.6 | 61.1 | 171        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 23   | 46     | 26     | 0.705     | -0.092    | 1.014 | 0.039     | 0.036     | 0         | 59.8 | 61.1 | 60.2 | 172        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 23   | 56     | 26     | 0.732     | -0.102    | 1.01  | 0.043     | 0.039     | 0         | 60.2 | 61.5 | 59.8 | 173        | 176        | 0          | 33     | 33     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 13  | 0    | 6      | 26     | 0.692     | -0.013    | 1.01  | 0.036     | 0.033     | 0         | 59.8 | 61.1 | 60.2 | 171        | 175        | 0          | 32     | 33     |
| 2009 | 6     | 13  | 0    | 16     | 26     | 0.758     | -0.016    | 1.01  | 0.039     | 0.039     | 0         | 59.3 | 60.6 | 60.6 | 171        | 175        | 0          | 33     | 34     |
| 2009 | 6     | 13  | 0    | 26     | 26     | 0.712     | -0.062    | 1.01  | 0.039     | 0.036     | 0         | 58.9 | 60.6 | 60.6 | 171        | 175        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 0    | 36     | 26     | 0.738     | -0.052    | 1.01  | 0.036     | 0.033     | 0         | 59.8 | 61.5 | 59.8 | 172        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 0    | 46     | 26     | 0.699     | -0.108    | 1.01  | 0.039     | 0.036     | 0         | 59.8 | 61.1 | 59.8 | 172        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 0    | 56     | 26     | 0.719     | -0.03     | 1.01  | 0.039     | 0.036     | 0         | 58.9 | 61.1 | 60.6 | 171        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 1    | 6      | 26     | 0.692     | -0.01     | 1.01  | 0.039     | 0.039     | 0         | 58.9 | 60.6 | 60.6 | 171        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 1    | 16     | 26     | 0.692     | -0.082    | 1.01  | 0.039     | 0.036     | 0         | 59.8 | 61.1 | 59.8 | 172        | 176        | 0          | 33     | 34     |
| 2009 | 6     | 13  | 1    | 26     | 26     | 0.676     | -0.108    | 1.01  | 0.039     | 0.039     | 0         | 59.3 | 61.1 | 60.6 | 171        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 1    | 36     | 26     | 0.728     | -0.082    | 1.01  | 0.036     | 0.033     | 0         | 59.8 | 61.1 | 59.8 | 172        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 1    | 46     | 26     | 0.768     | -0.079    | 1.01  | 0.046     | 0.043     | 0         | 59.3 | 61.5 | 59.8 | 172        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 1    | 56     | 26     | 0.722     | -0.102    | 1.01  | 0.046     | 0.043     | 0         | 59.3 | 61.1 | 60.6 | 171        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 2    | 6      | 26     | 0.774     | -0.049    | 1.01  | 0.043     | 0.039     | 0         | 59.8 | 61.5 | 59.3 | 172        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 2    | 16     | 26     | 0.64      | -0.023    | 1.01  | 0.039     | 0.039     | 0         | 59.3 | 61.1 | 59.8 | 171        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 2    | 26     | 26     | 0.666     | -0.075    | 1.01  | 0.043     | 0.039     | 0         | 59.3 | 61.1 | 59.3 | 171        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 2    | 36     | 26     | 0.732     | -0.052    | 1.01  | 0.043     | 0.039     | 0         | 59.3 | 61.1 | 59.8 | 171        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 2    | 46     | 26     | 0.663     | -0.062    | 1.01  | 0.039     | 0.036     | 0         | 58.5 | 60.6 | 61.1 | 170        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 2    | 56     | 26     | 0.633     | -0.131    | 1.01  | 0.039     | 0.036     | 0         | 59.8 | 60.6 | 61.1 | 171        | 174        | 0          | 32     | 33     |
| 2009 | 6     | 13  | 3    | 6      | 26     | 0.705     | -0.148    | 1.01  | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 61.5 | 170        | 173        | 0          | 33     | 34     |
| 2009 | 6     | 13  | 3    | 16     | 26     | 0.673     | -0.161    | 1.01  | 0.039     | 0.036     | 0         | 58.5 | 60.2 | 61.9 | 169        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 3    | 26     | 26     | 0.682     | -0.102    | 1.01  | 0.039     | 0.036     | 0         | 58.9 | 60.2 | 61.1 | 170        | 174        | 0          | 33     | 34     |
| 2009 | 6     | 13  | 3    | 36     | 26     | 0.715     | -0.125    | 1.01  | 0.036     | 0.033     | 0         | 58.5 | 60.2 | 61.5 | 169        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 3    | 46     | 26     | 0.817     | -0.046    | 1.01  | 0.043     | 0.039     | 0         | 58.5 | 60.2 | 60.6 | 169        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 3    | 56     | 26     | 0.699     | -0.085    | 1.01  | 0.039     | 0.036     | 0         | 58.5 | 60.2 | 60.6 | 170        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 4    | 6      | 26     | 0.715     | -0.167    | 1.01  | 0.046     | 0.043     | 0         | 58.5 | 59.8 | 61.9 | 169        | 173        | 0          | 33     | 34     |
| 2009 | 6     | 13  | 4    | 16     | 26     | 0.725     | -0.108    | 1.01  | 0.039     | 0.036     | 0         | 58.5 | 60.2 | 61.5 | 169        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 4    | 26     | 26     | 0.758     | -0.151    | 1.01  | 0.036     | 0.033     | 0         | 58.9 | 60.2 | 61.5 | 169        | 173        | 0          | 32     | 33     |
| 2009 | 6     | 13  | 4    | 36     | 26     | 0.774     | -0.125    | 1.01  | 0.033     | 0.03      | 0         | 58   | 59.3 | 61.5 | 169        | 172        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 4    | 46     | 26     | 0.686     | -0.066    | 1.01  | 0.039     | 0.036     | 0         | 57.6 | 59.3 | 62.4 | 168        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 4    | 56     | 26     | 0.764     | -0.118    | 1.01  | 0.043     | 0.039     | 0         | 56.8 | 58.5 | 62.4 | 166        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 5    | 6      | 26     | 0.696     | -0.105    | 1.01  | 0.036     | 0.033     | 0         | 58   | 59.8 | 61.9 | 168        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 5    | 16     | 26     | 0.699     | -0.102    | 1.01  | 0.039     | 0.036     | 0         | 57.2 | 58.9 | 63.2 | 167        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 5    | 26     | 26     | 0.732     | -0.148    | 1.01  | 0.039     | 0.039     | 0         | 58   | 59.8 | 61.5 | 168        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 5    | 36     | 26     | 0.686     | -0.095    | 1.01  | 0.043     | 0.039     | 0         | 58.5 | 60.2 | 60.2 | 169        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 5    | 46     | 26     | 0.709     | -0.092    | 1.01  | 0.039     | 0.036     | 0         | 57.6 | 58.9 | 62.8 | 167        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 5    | 56     | 26     | 0.745     | -0.049    | 1.01  | 0.036     | 0.033     | 0         | 58   | 59.8 | 61.1 | 169        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 6    | 6      | 26     | 0.682     | -0.079    | 1.01  | 0.043     | 0.039     | 0         | 57.2 | 58.9 | 62.8 | 166        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 6    | 16     | 26     | 0.669     | -0.085    | 1.01  | 0.039     | 0.039     | 0         | 56.8 | 58   | 63.2 | 165        | 168        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 6    | 26     | 26     | 0.712     | -0.121    | 1.007 | 0.036     | 0.033     | 0         | 57.2 | 58   | 63.6 | 166        | 169        | 0          | 33     | 34     |
| 2009 | 6     | 13  | 6    | 36     | 26     | 0.669     | -0.115    | 1.01  | 0.043     | 0.039     | 0         | 58   | 59.8 | 62.4 | 168        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 6    | 46     | 26     | 0.715     | -0.095    | 1.01  | 0.039     | 0.039     | 0         | 56.8 | 58   | 63.6 | 165        | 168        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 6    | 56     | 26     | 0.663     | -0.085    | 1.007 | 0.036     | 0.033     | 0         | 56.8 | 58.5 | 63.2 | 165        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 7    | 6      | 26     | 0.653     | -0.075    | 1.01  | 0.046     | 0.043     | 0         | 56.3 | 57.6 | 63.6 | 165        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 7    | 16     | 26     | 0.758     | -0.075    | 1.007 | 0.043     | 0.039     | 0         | 56.3 | 58.5 | 63.6 | 165        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 7    | 26     | 26     | 0.722     | -0.066    | 1.007 | 0.039     | 0.036     | 0         | 56.3 | 58.5 | 64.1 | 164        | 168        | 0          | 33     | 32     |
| 2009 | 6     | 13  | 7    | 36     | 26     | 0.774     | -0.115    | 1.007 | 0.036     | 0.033     | 0         | 55.9 | 57.6 | 64.9 | 164        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 7    | 46     | 26     | 0.696     | -0.046    | 1.007 | 0.039     | 0.039     | 0         | 56.3 | 58   | 64.5 | 164        | 168        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 7    | 56     | 26     | 0.761     | -0.125    | 1.007 | 0.036     | 0.033     | 0         | 55.9 | 57.6 | 63.6 | 164        | 168        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 13  | 8    | 6      | 26     | 0.673     | -0.072    | 1.007 | 0.039     | 0.039     | 0         | 56.3 | 57.6 | 64.9 | 164        | 168        | 0          | 33     | 34     |
| 2009 | 6     | 13  | 8    | 16     | 26     | 0.673     | 0         | 1.007 | 0.039     | 0.036     | 0         | 56.8 | 58   | 63.6 | 165        | 169        | 0          | 33     | 34     |
| 2009 | 6     | 13  | 8    | 26     | 26     | 0.699     | -0.059    | 1.007 | 0.036     | 0.033     | 0         | 58   | 59.8 | 61.9 | 168        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 8    | 36     | 26     | 0.679     | -0.095    | 1.007 | 0.036     | 0.033     | 0         | 56.3 | 58   | 63.6 | 165        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 8    | 46     | 26     | 0.709     | -0.112    | 1.007 | 0.046     | 0.043     | 0         | 55.5 | 57.6 | 64.5 | 163        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 8    | 56     | 26     | 0.63      | -0.033    | 1.007 | 0.036     | 0.033     | 0         | 54.6 | 56.3 | 65.4 | 161        | 164        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 9    | 6      | 26     | 0.669     | -0.125    | 1.007 | 0.036     | 0.033     | 0         | 57.6 | 58.5 | 63.2 | 167        | 170        | 0          | 33     | 34     |
| 2009 | 6     | 13  | 9    | 16     | 26     | 0.679     | -0.066    | 1.01  | 0.039     | 0.036     | 0         | 56.8 | 58.9 | 64.5 | 165        | 169        | 0          | 33     | 32     |
| 2009 | 6     | 13  | 9    | 26     | 26     | 0.761     | -0.098    | 1.007 | 0.036     | 0.033     | 0         | 55.5 | 57.2 | 65.8 | 162        | 166        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 9    | 36     | 26     | 0.646     | -0.082    | 1.007 | 0.046     | 0.043     | 0         | 55   | 56.8 | 66.2 | 161        | 165        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 9    | 46     | 26     | 0.659     | -0.066    | 1.01  | 0.036     | 0.033     | 0         | 54.6 | 55.9 | 67.1 | 161        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 9    | 56     | 26     | 0.659     | -0.056    | 1.01  | 0.033     | 0.03      | 0         | 55   | 55.9 | 66.7 | 161        | 164        | 0          | 33     | 34     |
| 2009 | 6     | 13  | 10   | 6      | 26     | 0.715     | -0.01     | 1.01  | 0.043     | 0.039     | 0         | 55   | 56.8 | 66.2 | 161        | 164        | 0          | 33     | 32     |
| 2009 | 6     | 13  | 10   | 16     | 26     | 0.725     | -0.016    | 1.01  | 0.043     | 0.039     | 0         | 55.5 | 56.8 | 67.1 | 161        | 165        | 0          | 32     | 33     |
| 2009 | 6     | 13  | 10   | 26     | 26     | 0.676     | -0.062    | 1.01  | 0.039     | 0.039     | 0         | 55.5 | 57.6 | 66.2 | 163        | 166        | 0          | 34     | 32     |
| 2009 | 6     | 13  | 10   | 36     | 26     | 0.728     | -0.026    | 1.01  | 0.036     | 0.033     | 0         | 55.5 | 56.8 | 66.7 | 162        | 165        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 10   | 46     | 26     | 0.679     | -0.066    | 1.01  | 0.039     | 0.039     | 0         | 57.2 | 58.9 | 65.4 | 166        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 10   | 56     | 26     | 0.699     | -0.056    | 1.01  | 0.036     | 0.033     | 0         | 55.5 | 57.6 | 67.5 | 162        | 166        | 0          | 33     | 32     |
| 2009 | 6     | 13  | 11   | 6      | 26     | 0.669     | -0.039    | 1.01  | 0.039     | 0.036     | 0         | 56.3 | 58   | 66.7 | 165        | 168        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 11   | 16     | 26     | 0.699     | -0.075    | 1.01  | 0.039     | 0.039     | 0         | 56.3 | 58   | 66.2 | 164        | 167        | 0          | 33     | 32     |
| 2009 | 6     | 13  | 11   | 26     | 26     | 0.663     | -0.069    | 1.01  | 0.043     | 0.039     | 0         | 56.8 | 58.5 | 66.7 | 165        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 11   | 36     | 26     | 0.712     | 0         | 1.01  | 0.039     | 0.036     | 0         | 58   | 59.3 | 64.9 | 168        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 11   | 46     | 26     | 0.699     | -0.03     | 1.01  | 0.036     | 0.033     | 0         | 57.2 | 59.3 | 66.2 | 167        | 170        | 0          | 34     | 32     |
| 2009 | 6     | 13  | 11   | 56     | 26     | 0.735     | -0.003    | 1.01  | 0.046     | 0.043     | 0         | 59.3 | 61.1 | 62.8 | 171        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 12   | 6      | 26     | 0.728     | -0.043    | 1.01  | 0.036     | 0.033     | 0         | 57.6 | 58.9 | 66.7 | 167        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 12   | 16     | 26     | 0.784     | -0.02     | 1.01  | 0.036     | 0.033     | 0         | 59.8 | 61.9 | 62.4 | 172        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 13  | 12   | 26     | 26     | 0.748     | -0.033    | 1.01  | 0.039     | 0.036     | 0         | 57.2 | 58.5 | 64.5 | 166        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 12   | 36     | 26     | 0.741     | -0.059    | 1.01  | 0.039     | 0.036     | 0         | 58.9 | 60.6 | 64.1 | 170        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 12   | 46     | 26     | 0.725     | -0.046    | 1.01  | 0.039     | 0.039     | 0         | 58.5 | 59.8 | 65.4 | 168        | 172        | 0          | 32     | 33     |
| 2009 | 6     | 13  | 12   | 56     | 26     | 0.794     | -0.02     | 1.01  | 0.036     | 0.033     | 0         | 57.6 | 59.3 | 66.7 | 167        | 170        | 0          | 33     | 32     |
| 2009 | 6     | 13  | 13   | 6      | 26     | 0.633     | -0.023    | 1.01  | 0.036     | 0.033     | 0         | 58   | 59.8 | 65.8 | 168        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 13   | 16     | 26     | 0.673     | -0.079    | 1.01  | 0.049     | 0.046     | 0         | 57.2 | 58.9 | 66.2 | 166        | 169        | 0          | 33     | 32     |
| 2009 | 6     | 13  | 13   | 26     | 26     | 0.705     | 0         | 1.01  | 0.039     | 0.039     | 0         | 58   | 60.2 | 66.2 | 168        | 172        | 0          | 33     | 32     |
| 2009 | 6     | 13  | 13   | 36     | 26     | 0.682     | -0.023    | 1.01  | 0.033     | 0.03      | 0         | 58.9 | 60.6 | 64.5 | 170        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 13   | 46     | 26     | 0.705     | -0.056    | 1.01  | 0.039     | 0.039     | 0         | 60.2 | 62.4 | 62.8 | 173        | 177        | 0          | 33     | 32     |
| 2009 | 6     | 13  | 13   | 56     | 26     | 0.748     | -0.043    | 1.01  | 0.036     | 0.033     | 0         | 59.3 | 61.1 | 62.8 | 170        | 174        | 0          | 32     | 32     |
| 2009 | 6     | 13  | 14   | 6      | 26     | 0.682     | 0.056     | 1.01  | 0.039     | 0.039     | 0         | 58   | 59.8 | 65.8 | 168        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 13  | 14   | 16     | 26     | 0.774     | -0.01     | 1.01  | 0.039     | 0.036     | 0         | 58.5 | 60.6 | 64.5 | 169        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 13  | 14   | 26     | 26     | 0.748     | 0.01      | 1.01  | 0.039     | 0.036     | 0         | 59.3 | 61.1 | 64.5 | 171        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 13  | 14   | 36     | 26     | 0.715     | -0.02     | 1.01  | 0.039     | 0.036     | 0         | 59.8 | 60.6 | 62.8 | 172        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 14   | 46     | 26     | 0.741     | 0.013     | 1.01  | 0.036     | 0.033     | 0         | 59.3 | 61.1 | 63.2 | 172        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 14   | 56     | 26     | 0.784     | 0.043     | 1.01  | 0.039     | 0.039     | 0         | 59.3 | 61.5 | 63.6 | 171        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 13  | 15   | 6      | 26     | 0.709     | -0.016    | 1.01  | 0.039     | 0.036     | 0         | 58.9 | 61.1 | 65.4 | 170        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 13  | 15   | 16     | 26     | 0.735     | 0.066     | 1.01  | 0.033     | 0.03      | 0         | 58.9 | 61.1 | 64.1 | 170        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 13  | 15   | 26     | 26     | 0.62      | 0.033     | 1.01  | 0.039     | 0.039     | 0         | 58.9 | 60.2 | 64.9 | 169        | 173        | 0          | 32     | 33     |
| 2009 | 6     | 13  | 15   | 36     | 26     | 0.719     | 0.02      | 1.01  | 0.039     | 0.039     | 0         | 59.8 | 61.5 | 62.8 | 172        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 13  | 15   | 46     | 26     | 0.748     | -0.016    | 1.01  | 0.039     | 0.036     | 0         | 58.9 | 61.1 | 63.6 | 170        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 13  | 15   | 56     | 26     | 0.65      | 0.039     | 1.01  | 0.036     | 0.033     | 0         | 59.3 | 61.5 | 63.2 | 171        | 175        | 0          | 33     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 13  | 16   | 6      | 26     | 0.728     | 0.007     | 1.01  | 0.039     | 0.039     | 0         | 61.1 | 62.4 | 61.5 | 175        | 177        | 0          | 33     | 32     |
| 2009 | 6     | 13  | 16   | 16     | 26     | 0.63      | 0.049     | 1.01  | 0.036     | 0.033     | 0         | 59.8 | 61.9 | 62.4 | 172        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 13  | 16   | 26     | 26     | 0.682     | 0.039     | 1.01  | 0.039     | 0.036     | 0         | 59.3 | 61.5 | 63.2 | 171        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 13  | 16   | 36     | 26     | 0.751     | -0.039    | 1.01  | 0.036     | 0.033     | 0         | 59.8 | 61.5 | 63.2 | 172        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 13  | 16   | 46     | 26     | 0.741     | 0.02      | 1.01  | 0.039     | 0.036     | 0         | 60.2 | 61.5 | 62.4 | 172        | 175        | 0          | 32     | 32     |
| 2009 | 6     | 13  | 16   | 56     | 26     | 0.696     | 0         | 1.01  | 0.039     | 0.036     | 0         | 59.8 | 61.1 | 62.8 | 171        | 174        | 0          | 32     | 32     |
| 2009 | 6     | 13  | 17   | 6      | 26     | 0.722     | 0.023     | 1.01  | 0.039     | 0.039     | 0         | 59.8 | 61.1 | 61.5 | 171        | 174        | 0          | 32     | 32     |
| 2009 | 6     | 13  | 17   | 16     | 26     | 0.682     | 0         | 1.01  | 0.043     | 0.039     | 0         | 60.6 | 62.4 | 59.8 | 174        | 177        | 0          | 33     | 32     |
| 2009 | 6     | 13  | 17   | 26     | 26     | 0.748     | -0.016    | 1.007 | 0.049     | 0.049     | 0         | 58.9 | 60.2 | 62.4 | 170        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 17   | 36     | 26     | 0.646     | 0.052     | 1.007 | 0.033     | 0.03      | 0         | 58.5 | 61.1 | 63.2 | 169        | 173        | 0          | 33     | 31     |
| 2009 | 6     | 13  | 17   | 46     | 26     | 0.692     | -0.039    | 1.007 | 0.036     | 0.033     | 0         | 58.5 | 60.2 | 63.6 | 169        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 17   | 56     | 26     | 0.735     | -0.016    | 1.007 | 0.039     | 0.039     | 0         | 57.6 | 58.9 | 64.1 | 167        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 18   | 6      | 26     | 0.682     | 0.007     | 1.007 | 0.043     | 0.039     | 0         | 58.5 | 60.2 | 62.8 | 169        | 172        | 0          | 33     | 32     |
| 2009 | 6     | 13  | 18   | 16     | 26     | 0.738     | -0.046    | 1.007 | 0.039     | 0.039     | 0         | 58.9 | 59.8 | 62.4 | 170        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 18   | 26     | 26     | 0.692     | -0.128    | 1.007 | 0.039     | 0.039     | 0         | 58   | 59.3 | 64.1 | 168        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 18   | 36     | 26     | 0.676     | -0.056    | 1.007 | 0.039     | 0.036     | 0         | 58.5 | 59.3 | 63.6 | 169        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 18   | 46     | 26     | 0.669     | 0.016     | 1.007 | 0.043     | 0.039     | 0         | 58   | 59.8 | 63.6 | 168        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 18   | 56     | 26     | 0.686     | -0.092    | 1.007 | 0.043     | 0.039     | 0         | 58.5 | 60.2 | 63.2 | 169        | 172        | 0          | 33     | 32     |
| 2009 | 6     | 13  | 19   | 6      | 26     | 0.725     | -0.039    | 1.007 | 0.046     | 0.043     | 0         | 58.9 | 59.8 | 60.2 | 170        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 19   | 16     | 26     | 0.709     | -0.128    | 1.007 | 0.039     | 0.039     | 0         | 59.8 | 61.1 | 60.2 | 172        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 19   | 26     | 26     | 0.709     | -0.03     | 1.007 | 0.036     | 0.033     | 0         | 59.3 | 60.2 | 60.2 | 171        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 19   | 36     | 26     | 0.686     | -0.013    | 1.007 | 0.039     | 0.036     | 0         | 58.5 | 59.3 | 61.9 | 169        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 19   | 46     | 26     | 0.673     | -0.085    | 1.007 | 0.039     | 0.036     | 0         | 58.9 | 59.3 | 62.8 | 170        | 172        | 0          | 33     | 34     |
| 2009 | 6     | 13  | 19   | 56     | 26     | 0.686     | -0.039    | 1.007 | 0.039     | 0.036     | 0         | 58.5 | 59.8 | 63.2 | 169        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 20   | 6      | 26     | 0.702     | -0.066    | 1.007 | 0.043     | 0.039     | 0         | 57.6 | 59.3 | 64.9 | 167        | 170        | 0          | 33     | 32     |
| 2009 | 6     | 13  | 20   | 16     | 26     | 0.676     | -0.039    | 1.007 | 0.039     | 0.039     | 0         | 57.2 | 58.9 | 64.1 | 166        | 169        | 0          | 33     | 32     |
| 2009 | 6     | 13  | 20   | 26     | 26     | 0.679     | -0.102    | 1.007 | 0.033     | 0.03      | 0         | 57.6 | 58.5 | 63.6 | 167        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 20   | 36     | 26     | 0.699     | -0.075    | 1.007 | 0.036     | 0.033     | 0         | 57.6 | 58.9 | 63.6 | 168        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 20   | 46     | 26     | 0.692     | -0.095    | 1.007 | 0.039     | 0.039     | 0         | 57.6 | 59.3 | 64.1 | 167        | 170        | 0          | 33     | 32     |
| 2009 | 6     | 13  | 20   | 56     | 26     | 0.725     | -0.072    | 1.007 | 0.039     | 0.039     | 0         | 57.6 | 59.3 | 64.1 | 168        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 21   | 6      | 26     | 0.659     | -0.03     | 1.007 | 0.039     | 0.036     | 0         | 58   | 59.8 | 64.5 | 168        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 13  | 21   | 16     | 26     | 0.771     | -0.026    | 1.007 | 0.039     | 0.039     | 0         | 57.6 | 58.5 | 64.1 | 167        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 21   | 26     | 26     | 0.699     | -0.108    | 1.007 | 0.039     | 0.036     | 0         | 58   | 59.3 | 64.5 | 168        | 170        | 0          | 33     | 32     |
| 2009 | 6     | 13  | 21   | 36     | 26     | 0.666     | -0.033    | 1.007 | 0.033     | 0.03      | 0         | 57.2 | 58.9 | 64.1 | 167        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 21   | 46     | 26     | 0.741     | -0.128    | 1.007 | 0.049     | 0.049     | 0         | 57.2 | 58.9 | 64.1 | 167        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 21   | 56     | 26     | 0.725     | -0.079    | 1.007 | 0.039     | 0.039     | 0         | 58   | 58.9 | 64.1 | 168        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 22   | 6      | 26     | 0.705     | -0.075    | 1.007 | 0.039     | 0.039     | 0         | 57.6 | 58.9 | 64.5 | 167        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 22   | 16     | 26     | 0.732     | -0.157    | 1.007 | 0.043     | 0.039     | 0         | 58.5 | 59.8 | 62.8 | 169        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 22   | 26     | 26     | 0.696     | -0.115    | 1.007 | 0.039     | 0.039     | 0         | 58.9 | 59.3 | 63.2 | 169        | 171        | 0          | 32     | 33     |
| 2009 | 6     | 13  | 22   | 36     | 26     | 0.696     | -0.095    | 1.007 | 0.043     | 0.043     | 0         | 58   | 58.9 | 63.6 | 168        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 22   | 46     | 26     | 0.82      | -0.062    | 1.007 | 0.039     | 0.036     | 0         | 57.6 | 58.9 | 64.1 | 168        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 22   | 56     | 26     | 0.722     | -0.059    | 1.007 | 0.039     | 0.036     | 0         | 57.6 | 59.3 | 63.6 | 168        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 23   | 6      | 26     | 0.696     | -0.069    | 1.007 | 0.039     | 0.036     | 0         | 57.2 | 59.3 | 62.8 | 167        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 23   | 16     | 26     | 0.659     | -0.085    | 1.007 | 0.052     | 0.049     | 0         | 58   | 59.3 | 62.4 | 169        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 23   | 26     | 26     | 0.715     | -0.125    | 1.007 | 0.039     | 0.036     | 0         | 57.6 | 59.3 | 62.8 | 167        | 170        | 0          | 33     | 32     |
| 2009 | 6     | 13  | 23   | 36     | 26     | 0.682     | -0.043    | 1.007 | 0.039     | 0.036     | 0         | 57.6 | 59.3 | 62.4 | 168        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 23   | 46     | 26     | 0.689     | -0.095    | 1.007 | 0.043     | 0.039     | 0         | 57.6 | 59.3 | 64.1 | 168        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 23   | 56     | 26     | 0.784     | -0.154    | 1.007 | 0.036     | 0.033     | 0         | 58   | 59.3 | 62.4 | 168        | 170        | 0          | 33     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 14  | 0    | 6      | 26     | 0.719     | -0.131    | 1.007 | 0.046     | 0.043     | 0         | 57.6 | 58.5 | 62.4 | 167        | 170        | 0          | 33     | 34     |
| 2009 | 6     | 14  | 0    | 16     | 26     | 0.705     | -0.039    | 1.007 | 0.039     | 0.036     | 0         | 58.5 | 58.9 | 62.4 | 169        | 171        | 0          | 33     | 34     |
| 2009 | 6     | 14  | 0    | 26     | 26     | 0.751     | -0.098    | 1.007 | 0.043     | 0.039     | 0         | 58   | 58.9 | 62.4 | 168        | 171        | 0          | 33     | 34     |
| 2009 | 6     | 14  | 0    | 36     | 26     | 0.722     | -0.072    | 1.007 | 0.036     | 0.033     | 0         | 58.5 | 59.8 | 61.1 | 170        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 0    | 46     | 26     | 0.741     | -0.092    | 1.007 | 0.043     | 0.039     | 0         | 58.5 | 59.8 | 61.5 | 170        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 0    | 56     | 26     | 0.699     | -0.18     | 1.007 | 0.039     | 0.036     | 0         | 58.9 | 59.8 | 61.5 | 170        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 1    | 6      | 26     | 0.745     | -0.046    | 1.007 | 0.033     | 0.03      | 0         | 58   | 59.8 | 62.4 | 169        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 1    | 16     | 26     | 0.705     | -0.069    | 1.007 | 0.039     | 0.039     | 0         | 58.5 | 59.8 | 61.5 | 169        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 1    | 26     | 26     | 0.738     | -0.089    | 1.007 | 0.039     | 0.039     | 0         | 58.5 | 60.2 | 61.9 | 170        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 1    | 36     | 26     | 0.768     | -0.115    | 1.007 | 0.036     | 0.033     | 0         | 58   | 59.3 | 62.4 | 168        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 1    | 46     | 26     | 0.745     | -0.082    | 1.007 | 0.046     | 0.043     | 0         | 58.5 | 59.3 | 61.5 | 168        | 172        | 0          | 32     | 34     |
| 2009 | 6     | 14  | 1    | 56     | 26     | 0.817     | -0.026    | 1.007 | 0.039     | 0.036     | 0         | 58.5 | 59.8 | 61.9 | 169        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 2    | 6      | 26     | 0.682     | -0.125    | 1.007 | 0.039     | 0.036     | 0         | 58   | 59.3 | 61.1 | 169        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 2    | 16     | 26     | 0.732     | -0.092    | 1.007 | 0.036     | 0.033     | 0         | 58.5 | 59.8 | 61.5 | 169        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 2    | 26     | 26     | 0.646     | -0.056    | 1.007 | 0.039     | 0.039     | 0         | 58   | 59.3 | 62.8 | 168        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 2    | 36     | 26     | 0.764     | -0.075    | 1.007 | 0.036     | 0.033     | 0         | 57.2 | 58.5 | 62.8 | 167        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 2    | 46     | 26     | 0.722     | -0.138    | 1.007 | 0.046     | 0.043     | 0         | 57.2 | 58.5 | 62.4 | 167        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 2    | 56     | 26     | 0.781     | -0.085    | 1.007 | 0.043     | 0.039     | 0         | 57.2 | 58.9 | 63.2 | 167        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 3    | 6      | 26     | 0.692     | -0.049    | 1.007 | 0.036     | 0.033     | 0         | 57.6 | 59.3 | 62.4 | 168        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 3    | 16     | 26     | 0.699     | -0.049    | 1.007 | 0.036     | 0.033     | 0         | 57.6 | 59.3 | 62.4 | 168        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 3    | 26     | 26     | 0.709     | -0.069    | 1.007 | 0.039     | 0.036     | 0         | 58   | 59.3 | 61.1 | 168        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 3    | 36     | 26     | 0.745     | -0.075    | 1.007 | 0.039     | 0.036     | 0         | 57.6 | 58.9 | 62.8 | 167        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 3    | 46     | 26     | 0.715     | -0.112    | 1.007 | 0.039     | 0.036     | 0         | 57.6 | 58.9 | 61.9 | 167        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 3    | 56     | 26     | 0.764     | -0.128    | 1.007 | 0.039     | 0.039     | 0         | 56.8 | 58.9 | 61.9 | 166        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 4    | 6      | 26     | 0.712     | -0.131    | 1.007 | 0.036     | 0.033     | 0         | 57.6 | 58.5 | 61.5 | 167        | 170        | 0          | 33     | 34     |
| 2009 | 6     | 14  | 4    | 16     | 26     | 0.758     | -0.151    | 1.007 | 0.039     | 0.039     | 0         | 57.2 | 59.3 | 61.1 | 167        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 4    | 26     | 26     | 0.719     | -0.075    | 1.007 | 0.039     | 0.039     | 0         | 56.8 | 58.5 | 62.8 | 166        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 4    | 36     | 26     | 0.686     | -0.095    | 1.007 | 0.039     | 0.036     | 0         | 57.2 | 58.9 | 61.5 | 167        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 4    | 46     | 26     | 0.669     | -0.085    | 1.007 | 0.039     | 0.039     | 0         | 57.2 | 57.6 | 62.8 | 166        | 168        | 0          | 33     | 34     |
| 2009 | 6     | 14  | 4    | 56     | 26     | 0.781     | -0.105    | 1.007 | 0.039     | 0.039     | 0         | 56.8 | 58.5 | 61.9 | 166        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 5    | 6      | 26     | 0.686     | -0.108    | 1.007 | 0.039     | 0.036     | 0         | 57.2 | 58   | 62.4 | 166        | 169        | 0          | 33     | 34     |
| 2009 | 6     | 14  | 5    | 16     | 26     | 0.741     | -0.157    | 1.007 | 0.036     | 0.033     | 0         | 56.8 | 58   | 63.6 | 165        | 168        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 5    | 26     | 26     | 0.696     | -0.046    | 1.007 | 0.043     | 0.039     | 0         | 56.3 | 57.6 | 63.2 | 165        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 5    | 36     | 26     | 0.676     | -0.049    | 1.007 | 0.039     | 0.036     | 0         | 55.9 | 57.6 | 64.1 | 164        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 5    | 46     | 26     | 0.719     | 0.003     | 1.007 | 0.036     | 0.033     | 0         | 56.3 | 57.2 | 62.8 | 164        | 167        | 0          | 33     | 34     |
| 2009 | 6     | 14  | 5    | 56     | 26     | 0.741     | -0.03     | 1.007 | 0.036     | 0.033     | 0         | 55.9 | 57.2 | 63.2 | 164        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 6    | 6      | 26     | 0.784     | -0.108    | 1.01  | 0.039     | 0.039     | 0         | 55.9 | 57.6 | 64.1 | 164        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 6    | 16     | 26     | 0.774     | -0.075    | 1.01  | 0.043     | 0.039     | 0         | 56.3 | 57.2 | 63.6 | 164        | 167        | 0          | 33     | 34     |
| 2009 | 6     | 14  | 6    | 26     | 26     | 0.659     | -0.115    | 1.01  | 0.036     | 0.033     | 0         | 55.5 | 56.8 | 63.6 | 163        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 6    | 36     | 26     | 0.696     | -0.125    | 1.007 | 0.036     | 0.033     | 0         | 55   | 57.2 | 63.6 | 162        | 166        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 6    | 46     | 26     | 0.738     | -0.082    | 1.01  | 0.039     | 0.039     | 0         | 56.3 | 57.6 | 62.4 | 164        | 167        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 6    | 56     | 26     | 0.758     | -0.079    | 1.007 | 0.036     | 0.033     | 0         | 55   | 56.8 | 63.2 | 162        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 7    | 6      | 26     | 0.801     | -0.092    | 1.007 | 0.039     | 0.036     | 0         | 55.9 | 57.2 | 62.8 | 164        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 7    | 16     | 26     | 0.712     | -0.184    | 1.01  | 0.039     | 0.039     | 0         | 55.5 | 57.2 | 63.2 | 163        | 166        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 7    | 26     | 26     | 0.771     | -0.154    | 1.007 | 0.046     | 0.043     | 0         | 55.9 | 57.2 | 62.8 | 163        | 167        | 0          | 33     | 34     |
| 2009 | 6     | 14  | 7    | 36     | 26     | 0.738     | -0.049    | 1.007 | 0.039     | 0.036     | 0         | 55.9 | 56.8 | 63.2 | 164        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 7    | 46     | 26     | 0.755     | -0.013    | 1.007 | 0.036     | 0.033     | 0         | 55.5 | 56.8 | 62.8 | 163        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 7    | 56     | 26     | 0.755     | -0.095    | 1.007 | 0.033     | 0.03      | 0         | 55.9 | 56.8 | 64.1 | 163        | 166        | 0          | 33     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 14  | 8    | 6      | 26     | 0.784     | -0.105    | 1.007 | 0.049     | 0.046     | 0         | 55   | 56.8 | 64.1 | 162        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 8    | 16     | 26     | 0.764     | -0.066    | 1.007 | 0.046     | 0.043     | 0         | 55.9 | 57.2 | 61.9 | 164        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 8    | 26     | 26     | 0.712     | -0.052    | 1.007 | 0.039     | 0.039     | 0         | 55.5 | 56.8 | 64.1 | 163        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 8    | 36     | 26     | 0.732     | -0.066    | 1.007 | 0.039     | 0.036     | 0         | 56.3 | 57.6 | 64.1 | 164        | 167        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 8    | 46     | 26     | 0.764     | -0.095    | 1.007 | 0.039     | 0.039     | 0         | 55.5 | 57.2 | 63.2 | 163        | 166        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 8    | 56     | 26     | 0.738     | -0.102    | 1.01  | 0.039     | 0.039     | 0         | 56.3 | 57.6 | 64.1 | 164        | 168        | 0          | 33     | 34     |
| 2009 | 6     | 14  | 9    | 6      | 26     | 0.745     | -0.102    | 1.007 | 0.039     | 0.036     | 0         | 55   | 56.8 | 63.6 | 163        | 166        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 9    | 16     | 26     | 0.758     | -0.079    | 1.01  | 0.039     | 0.036     | 0         | 56.3 | 58   | 63.6 | 165        | 168        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 9    | 26     | 26     | 0.755     | -0.056    | 1.01  | 0.039     | 0.036     | 0         | 56.8 | 57.2 | 63.6 | 165        | 167        | 0          | 33     | 34     |
| 2009 | 6     | 14  | 9    | 36     | 26     | 0.784     | -0.135    | 1.01  | 0.039     | 0.036     | 0         | 56.8 | 57.6 | 63.6 | 165        | 168        | 0          | 33     | 34     |
| 2009 | 6     | 14  | 9    | 46     | 26     | 0.696     | -0.095    | 1.01  | 0.043     | 0.039     | 0         | 56.3 | 57.2 | 64.1 | 164        | 166        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 9    | 56     | 26     | 0.764     | -0.052    | 1.01  | 0.039     | 0.039     | 0         | 57.2 | 58.5 | 62.4 | 167        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 10   | 6      | 26     | 0.755     | -0.115    | 1.01  | 0.043     | 0.039     | 0         | 58   | 58.9 | 62.8 | 168        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 10   | 16     | 26     | 0.758     | -0.069    | 1.01  | 0.039     | 0.036     | 0         | 57.6 | 58.5 | 63.6 | 167        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 10   | 26     | 26     | 0.784     | -0.039    | 1.01  | 0.039     | 0.039     | 0         | 57.2 | 58.9 | 63.6 | 167        | 169        | 0          | 34     | 32     |
| 2009 | 6     | 14  | 10   | 36     | 26     | 0.722     | -0.112    | 1.01  | 0.039     | 0.039     | 0         | 58   | 58.9 | 61.9 | 169        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 10   | 46     | 26     | 0.863     | -0.046    | 1.01  | 0.039     | 0.036     | 0         | 58   | 58.9 | 62.8 | 169        | 171        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 10   | 56     | 26     | 0.689     | -0.039    | 1.01  | 0.039     | 0.036     | 0         | 58.5 | 59.3 | 62.4 | 169        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 11   | 6      | 26     | 0.807     | -0.016    | 1.01  | 0.039     | 0.039     | 0         | 58   | 59.3 | 63.2 | 168        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 11   | 16     | 26     | 0.689     | -0.059    | 1.01  | 0.049     | 0.046     | 0         | 58   | 59.3 | 64.5 | 168        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 11   | 26     | 26     | 0.728     | -0.039    | 1.01  | 0.036     | 0.033     | 0         | 58   | 58.9 | 64.9 | 168        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 11   | 36     | 26     | 0.715     | -0.089    | 1.01  | 0.036     | 0.033     | 0         | 58.9 | 60.2 | 63.6 | 170        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 11   | 46     | 26     | 0.722     | -0.049    | 1.01  | 0.043     | 0.039     | 0         | 58.5 | 59.8 | 65.4 | 169        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 11   | 56     | 26     | 0.715     | -0.125    | 1.01  | 0.039     | 0.039     | 0         | 59.8 | 61.1 | 62.4 | 172        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 12   | 6      | 26     | 0.725     | -0.062    | 1.01  | 0.033     | 0.03      | 0         | 58.5 | 60.2 | 64.5 | 170        | 172        | 0          | 34     | 32     |
| 2009 | 6     | 14  | 12   | 16     | 26     | 0.781     | -0.066    | 1.01  | 0.039     | 0.036     | 0         | 59.3 | 61.1 | 63.2 | 172        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 12   | 26     | 26     | 0.755     | -0.075    | 1.01  | 0.039     | 0.036     | 0         | 59.8 | 61.5 | 63.2 | 172        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 12   | 36     | 26     | 0.719     | -0.016    | 1.01  | 0.033     | 0.03      | 0         | 60.6 | 61.9 | 62.4 | 174        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 12   | 46     | 26     | 0.682     | 0.03      | 1.01  | 0.036     | 0.033     | 0         | 60.2 | 61.5 | 63.6 | 174        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 12   | 56     | 26     | 0.735     | -0.016    | 1.01  | 0.039     | 0.036     | 0         | 60.2 | 61.9 | 61.9 | 173        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 14  | 13   | 6      | 26     | 0.646     | 0.01      | 1.01  | 0.039     | 0.039     | 0         | 60.2 | 61.9 | 63.2 | 174        | 176        | 0          | 34     | 32     |
| 2009 | 6     | 14  | 13   | 16     | 26     | 0.705     | 0.016     | 1.014 | 0.039     | 0.036     | 0         | 61.5 | 62.8 | 61.1 | 176        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 14  | 13   | 26     | 26     | 0.732     | -0.062    | 1.01  | 0.036     | 0.033     | 0         | 58.9 | 60.2 | 64.9 | 170        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 13   | 36     | 26     | 0.741     | -0.102    | 1.014 | 0.036     | 0.033     | 0         | 62.8 | 64.1 | 59.3 | 179        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 13   | 46     | 26     | 0.758     | -0.016    | 1.014 | 0.039     | 0.039     | 0         | 62.8 | 64.1 | 59.8 | 179        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 13   | 56     | 26     | 0.682     | -0.02     | 1.014 | 0.039     | 0.036     | 0         | 62.8 | 63.6 | 58.9 | 179        | 182        | 0          | 33     | 34     |
| 2009 | 6     | 14  | 14   | 6      | 26     | 0.738     | -0.016    | 1.014 | 0.036     | 0.033     | 0         | 63.6 | 65.4 | 58.9 | 181        | 184        | 0          | 33     | 32     |
| 2009 | 6     | 14  | 14   | 16     | 26     | 0.702     | 0.062     | 1.014 | 0.036     | 0.033     | 0         | 62.4 | 63.2 | 61.5 | 178        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 14   | 26     | 26     | 0.689     | 0.056     | 1.014 | 0.033     | 0.03      | 0         | 62.8 | 64.1 | 61.1 | 178        | 181        | 0          | 32     | 32     |
| 2009 | 6     | 14  | 14   | 36     | 26     | 0.709     | -0.02     | 1.014 | 0.036     | 0.033     | 0         | 62.8 | 64.9 | 59.8 | 178        | 182        | 0          | 32     | 31     |
| 2009 | 6     | 14  | 14   | 46     | 26     | 0.715     | -0.036    | 1.014 | 0.039     | 0.036     | 0         | 63.2 | 64.5 | 59.8 | 180        | 182        | 0          | 33     | 32     |
| 2009 | 6     | 14  | 14   | 56     | 26     | 0.778     | 0.016     | 1.014 | 0.036     | 0.033     | 0         | 61.9 | 63.2 | 61.1 | 177        | 179        | 0          | 33     | 32     |
| 2009 | 6     | 14  | 15   | 6      | 26     | 0.702     | 0         | 1.014 | 0.049     | 0.046     | 0         | 63.2 | 64.1 | 58.9 | 179        | 182        | 0          | 32     | 33     |
| 2009 | 6     | 14  | 15   | 16     | 26     | 0.719     | 0.049     | 1.014 | 0.036     | 0.033     | 0         | 61.9 | 63.6 | 61.1 | 177        | 180        | 0          | 33     | 32     |
| 2009 | 6     | 14  | 15   | 26     | 26     | 0.633     | 0.039     | 1.014 | 0.039     | 0.039     | 0         | 61.5 | 62.8 | 59.8 | 176        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 15   | 36     | 26     | 0.738     | 0.079     | 1.01  | 0.043     | 0.039     | 0         | 60.2 | 61.1 | 61.9 | 173        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 15   | 46     | 26     | 0.715     | 0.013     | 1.014 | 0.036     | 0.033     | 0         | 60.2 | 61.5 | 63.2 | 172        | 175        | 0          | 32     | 32     |
| 2009 | 6     | 14  | 15   | 56     | 26     | 0.686     | -0.052    | 1.01  | 0.043     | 0.039     | 0         | 59.8 | 60.6 | 63.2 | 171        | 173        | 0          | 32     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 14  | 16   | 6      | 26     | 0.738     | 0.016     | 1.01  | 0.039     | 0.036     | 0         | 60.2 | 61.1 | 62.4 | 173        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 16   | 16     | 26     | 0.735     | 0.013     | 1.01  | 0.043     | 0.039     | 0         | 58.9 | 60.6 | 63.6 | 170        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 14  | 16   | 26     | 26     | 0.771     | 0.046     | 1.01  | 0.036     | 0.033     | 0         | 58.9 | 60.6 | 64.5 | 170        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 14  | 16   | 36     | 26     | 0.702     | 0.003     | 1.01  | 0.043     | 0.039     | 0         | 58.9 | 60.2 | 64.1 | 169        | 172        | 0          | 32     | 32     |
| 2009 | 6     | 14  | 16   | 46     | 26     | 0.692     | 0         | 1.01  | 0.039     | 0.036     | 0         | 58.9 | 61.1 | 63.2 | 171        | 174        | 0          | 34     | 32     |
| 2009 | 6     | 14  | 16   | 56     | 26     | 0.712     | 0.033     | 1.01  | 0.043     | 0.039     | 0         | 57.6 | 58.5 | 65.4 | 167        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 17   | 6      | 26     | 0.751     | 0.013     | 1.01  | 0.039     | 0.039     | 0         | 57.6 | 58.9 | 66.2 | 167        | 169        | 0          | 33     | 32     |
| 2009 | 6     | 14  | 17   | 16     | 26     | 0.761     | -0.069    | 1.01  | 0.043     | 0.039     | 0         | 58.9 | 59.8 | 63.6 | 169        | 172        | 0          | 32     | 33     |
| 2009 | 6     | 14  | 17   | 26     | 26     | 0.745     | -0.052    | 1.01  | 0.039     | 0.039     | 0         | 58.9 | 60.6 | 63.2 | 170        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 14  | 17   | 36     | 26     | 0.748     | -0.039    | 1.01  | 0.039     | 0.036     | 0         | 58.9 | 60.2 | 63.2 | 169        | 172        | 0          | 32     | 32     |
| 2009 | 6     | 14  | 17   | 46     | 26     | 0.692     | 0.02      | 1.01  | 0.039     | 0.039     | 0         | 58   | 59.3 | 64.9 | 168        | 170        | 0          | 33     | 32     |
| 2009 | 6     | 14  | 17   | 56     | 26     | 0.676     | -0.039    | 1.01  | 0.039     | 0.039     | 0         | 58.9 | 59.8 | 64.5 | 169        | 171        | 0          | 32     | 32     |
| 2009 | 6     | 14  | 18   | 6      | 26     | 0.673     | -0.023    | 1.01  | 0.036     | 0.033     | 0         | 58   | 59.3 | 64.9 | 168        | 170        | 0          | 33     | 32     |
| 2009 | 6     | 14  | 18   | 16     | 26     | 0.712     | -0.033    | 1.01  | 0.039     | 0.036     | 0         | 58.5 | 59.3 | 64.9 | 168        | 170        | 0          | 32     | 32     |
| 2009 | 6     | 14  | 18   | 26     | 26     | 0.692     | -0.046    | 1.01  | 0.046     | 0.043     | 0         | 57.6 | 58.5 | 66.2 | 166        | 169        | 0          | 32     | 33     |
| 2009 | 6     | 14  | 18   | 36     | 26     | 0.741     | -0.102    | 1.01  | 0.039     | 0.036     | 0         | 57.6 | 58.9 | 66.2 | 166        | 169        | 0          | 32     | 32     |
| 2009 | 6     | 14  | 18   | 46     | 26     | 0.787     | -0.056    | 1.01  | 0.036     | 0.033     | 0         | 57.2 | 58.9 | 65.8 | 166        | 169        | 0          | 33     | 32     |
| 2009 | 6     | 14  | 18   | 56     | 26     | 0.741     | -0.03     | 1.01  | 0.039     | 0.036     | 0         | 57.2 | 58.5 | 65.8 | 166        | 168        | 0          | 33     | 32     |
| 2009 | 6     | 14  | 19   | 6      | 26     | 0.627     | 0.046     | 1.01  | 0.039     | 0.036     | 0         | 56.8 | 58.5 | 65.8 | 165        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 19   | 16     | 26     | 0.735     | -0.026    | 1.01  | 0.036     | 0.033     | 0         | 59.8 | 60.6 | 62.4 | 171        | 173        | 0          | 32     | 32     |
| 2009 | 6     | 14  | 19   | 26     | 26     | 0.689     | -0.098    | 1.01  | 0.043     | 0.039     | 0         | 57.6 | 59.3 | 63.6 | 168        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 19   | 36     | 26     | 0.817     | -0.062    | 1.01  | 0.039     | 0.039     | 0         | 58   | 59.8 | 64.1 | 168        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 14  | 19   | 46     | 26     | 0.761     | -0.098    | 1.01  | 0.039     | 0.039     | 0         | 57.6 | 58.9 | 65.8 | 166        | 169        | 0          | 32     | 32     |
| 2009 | 6     | 14  | 19   | 56     | 26     | 0.751     | -0.059    | 1.01  | 0.039     | 0.036     | 0         | 57.6 | 58.9 | 65.4 | 167        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 20   | 6      | 26     | 0.686     | -0.082    | 1.01  | 0.039     | 0.039     | 0         | 57.2 | 58   | 65.4 | 166        | 168        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 20   | 16     | 26     | 0.715     | -0.062    | 1.01  | 0.039     | 0.039     | 0         | 58   | 59.3 | 64.1 | 168        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 20   | 26     | 26     | 0.791     | -0.072    | 1.01  | 0.043     | 0.039     | 0         | 57.6 | 58.5 | 64.1 | 167        | 170        | 0          | 33     | 34     |
| 2009 | 6     | 14  | 20   | 36     | 26     | 0.755     | -0.059    | 1.01  | 0.046     | 0.043     | 0         | 57.6 | 58.5 | 64.9 | 167        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 20   | 46     | 26     | 0.699     | -0.112    | 1.01  | 0.039     | 0.036     | 0         | 57.6 | 58.9 | 64.1 | 167        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 20   | 56     | 26     | 0.725     | -0.039    | 1.01  | 0.046     | 0.043     | 0         | 58   | 58.9 | 64.1 | 168        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 21   | 6      | 26     | 0.719     | -0.112    | 1.01  | 0.043     | 0.039     | 0         | 58   | 59.8 | 64.5 | 168        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 14  | 21   | 16     | 26     | 0.722     | 0.033     | 1.01  | 0.039     | 0.039     | 0         | 58   | 59.3 | 62.8 | 168        | 172        | 0          | 33     | 34     |
| 2009 | 6     | 14  | 21   | 26     | 26     | 0.755     | -0.108    | 1.01  | 0.039     | 0.039     | 0         | 58.5 | 59.3 | 64.5 | 168        | 171        | 0          | 32     | 33     |
| 2009 | 6     | 14  | 21   | 36     | 26     | 0.735     | 0         | 1.01  | 0.036     | 0.033     | 0         | 57.6 | 59.3 | 64.1 | 168        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 21   | 46     | 26     | 0.817     | -0.092    | 1.01  | 0.043     | 0.039     | 0         | 58.5 | 58.9 | 64.1 | 169        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 21   | 56     | 26     | 0.663     | -0.02     | 1.01  | 0.039     | 0.036     | 0         | 58   | 59.3 | 64.9 | 168        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 22   | 6      | 26     | 0.764     | -0.089    | 1.01  | 0.043     | 0.039     | 0         | 58.5 | 59.8 | 63.6 | 169        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 22   | 16     | 26     | 0.702     | -0.095    | 1.01  | 0.036     | 0.033     | 0         | 58   | 59.3 | 64.1 | 169        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 22   | 26     | 26     | 0.745     | -0.102    | 1.01  | 0.036     | 0.033     | 0         | 58.5 | 59.8 | 64.1 | 169        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 14  | 22   | 36     | 26     | 0.755     | -0.046    | 1.01  | 0.039     | 0.036     | 0         | 58   | 59.8 | 63.6 | 169        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 22   | 46     | 26     | 0.741     | -0.079    | 1.01  | 0.039     | 0.039     | 0         | 58.9 | 60.2 | 64.1 | 170        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 22   | 56     | 26     | 0.791     | 0         | 1.01  | 0.039     | 0.039     | 0         | 58.9 | 60.2 | 63.2 | 170        | 172        | 0          | 33     | 32     |
| 2009 | 6     | 14  | 23   | 6      | 26     | 0.787     | -0.112    | 1.01  | 0.036     | 0.033     | 0         | 58.9 | 60.2 | 62.4 | 170        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 23   | 16     | 26     | 0.719     | -0.105    | 1.01  | 0.043     | 0.039     | 0         | 60.2 | 61.5 | 61.1 | 173        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 23   | 26     | 26     | 0.764     | -0.138    | 1.01  | 0.036     | 0.033     | 0         | 59.8 | 60.6 | 60.6 | 172        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 23   | 36     | 26     | 0.715     | -0.135    | 1.01  | 0.039     | 0.036     | 0         | 58.9 | 59.8 | 61.9 | 169        | 172        | 0          | 32     | 33     |
| 2009 | 6     | 14  | 23   | 46     | 26     | 0.715     | -0.033    | 1.01  | 0.046     | 0.043     | 0         | 59.3 | 61.1 | 61.1 | 171        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 23   | 56     | 26     | 0.748     | -0.098    | 1.01  | 0.039     | 0.039     | 0         | 59.8 | 61.1 | 60.6 | 172        | 175        | 0          | 33     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 15  | 0    | 6      | 26     | 0.719     | -0.115    | 1.01  | 0.039     | 0.036     | 0         | 60.2 | 60.6 | 61.5 | 172        | 174        | 0          | 32     | 33     |
| 2009 | 6     | 15  | 0    | 16     | 26     | 0.738     | -0.03     | 1.01  | 0.039     | 0.039     | 0         | 59.8 | 60.6 | 61.9 | 171        | 174        | 0          | 32     | 33     |
| 2009 | 6     | 15  | 0    | 26     | 26     | 0.699     | -0.043    | 1.01  | 0.039     | 0.036     | 0         | 58.9 | 60.2 | 62.4 | 171        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 0    | 36     | 26     | 0.702     | -0.095    | 1.01  | 0.039     | 0.039     | 0         | 58.9 | 60.2 | 61.5 | 171        | 174        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 0    | 46     | 26     | 0.699     | -0.082    | 1.01  | 0.039     | 0.039     | 0         | 58.9 | 60.2 | 62.8 | 170        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 0    | 56     | 26     | 0.682     | -0.118    | 1.01  | 0.039     | 0.039     | 0         | 60.2 | 61.5 | 61.5 | 173        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 1    | 6      | 26     | 0.65      | -0.148    | 1.01  | 0.043     | 0.039     | 0         | 59.8 | 61.5 | 61.1 | 172        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 15  | 1    | 16     | 26     | 0.771     | -0.069    | 1.01  | 0.043     | 0.039     | 0         | 61.1 | 61.9 | 60.2 | 175        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 1    | 26     | 26     | 0.705     | -0.118    | 1.01  | 0.046     | 0.043     | 0         | 59.3 | 60.2 | 61.5 | 171        | 174        | 0          | 33     | 34     |
| 2009 | 6     | 15  | 1    | 36     | 26     | 0.748     | -0.016    | 1.01  | 0.039     | 0.039     | 0         | 59.8 | 60.6 | 61.5 | 172        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 1    | 46     | 26     | 0.709     | -0.049    | 1.01  | 0.046     | 0.043     | 0         | 59.8 | 61.5 | 61.1 | 173        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 1    | 56     | 26     | 0.676     | -0.131    | 1.01  | 0.033     | 0.03      | 0         | 61.1 | 62.4 | 60.6 | 175        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 2    | 6      | 26     | 0.761     | -0.062    | 1.01  | 0.043     | 0.039     | 0         | 60.6 | 61.9 | 59.8 | 174        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 2    | 16     | 26     | 0.709     | -0.098    | 1.01  | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 61.1 | 172        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 2    | 26     | 26     | 0.758     | -0.023    | 1.01  | 0.043     | 0.039     | 0         | 60.2 | 61.5 | 60.2 | 173        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 2    | 36     | 26     | 0.758     | -0.023    | 1.01  | 0.039     | 0.039     | 0         | 60.2 | 61.1 | 60.6 | 173        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 2    | 46     | 26     | 0.722     | -0.036    | 1.01  | 0.036     | 0.033     | 0         | 60.2 | 61.5 | 60.6 | 173        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 2    | 56     | 26     | 0.755     | -0.059    | 1.01  | 0.039     | 0.039     | 0         | 60.6 | 61.5 | 60.2 | 174        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 3    | 6      | 26     | 0.709     | -0.066    | 1.01  | 0.036     | 0.033     | 0         | 59.8 | 61.1 | 61.9 | 172        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 15  | 3    | 16     | 26     | 0.673     | -0.118    | 1.01  | 0.033     | 0.03      | 0         | 59.8 | 60.6 | 60.2 | 172        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 3    | 26     | 26     | 0.689     | -0.18     | 1.01  | 0.039     | 0.036     | 0         | 59.8 | 60.6 | 60.6 | 172        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 3    | 36     | 26     | 0.722     | -0.102    | 1.01  | 0.039     | 0.036     | 0         | 60.2 | 61.1 | 60.6 | 173        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 3    | 46     | 26     | 0.636     | 0         | 1.01  | 0.039     | 0.039     | 0         | 59.8 | 61.1 | 61.1 | 172        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 3    | 56     | 26     | 0.745     | -0.082    | 1.01  | 0.039     | 0.036     | 0         | 59.8 | 61.1 | 60.6 | 172        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 4    | 6      | 26     | 0.751     | -0.007    | 1.01  | 0.046     | 0.043     | 0         | 59.8 | 61.1 | 61.1 | 172        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 4    | 16     | 26     | 0.679     | -0.095    | 1.01  | 0.036     | 0.033     | 0         | 59.8 | 61.1 | 61.1 | 172        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 4    | 26     | 26     | 0.673     | -0.082    | 1.01  | 0.036     | 0.033     | 0         | 59.8 | 60.6 | 61.5 | 172        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 4    | 36     | 26     | 0.669     | -0.079    | 1.01  | 0.049     | 0.049     | 0         | 59.8 | 61.1 | 60.6 | 172        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 4    | 46     | 26     | 0.784     | -0.112    | 1.01  | 0.039     | 0.039     | 0         | 59.3 | 60.6 | 60.6 | 172        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 4    | 56     | 26     | 0.673     | -0.056    | 1.01  | 0.039     | 0.039     | 0         | 59.8 | 60.6 | 60.6 | 172        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 5    | 6      | 26     | 0.725     | -0.036    | 1.01  | 0.046     | 0.046     | 0         | 58.9 | 60.6 | 61.1 | 170        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 15  | 5    | 16     | 26     | 0.764     | -0.092    | 1.01  | 0.039     | 0.036     | 0         | 59.3 | 60.6 | 61.5 | 171        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 5    | 26     | 26     | 0.722     | -0.105    | 1.01  | 0.043     | 0.039     | 0         | 58.5 | 59.8 | 61.5 | 170        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 5    | 36     | 26     | 0.774     | -0.112    | 1.01  | 0.039     | 0.039     | 0         | 58.9 | 60.2 | 61.1 | 170        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 5    | 46     | 26     | 0.725     | -0.125    | 1.01  | 0.039     | 0.039     | 0         | 58.5 | 60.2 | 61.9 | 170        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 5    | 56     | 26     | 0.686     | -0.039    | 1.007 | 0.039     | 0.039     | 0         | 58.5 | 59.8 | 62.4 | 169        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 6    | 6      | 26     | 0.719     | -0.125    | 1.01  | 0.036     | 0.033     | 0         | 58   | 59.8 | 61.5 | 168        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 6    | 16     | 26     | 0.686     | 0.016     | 1.007 | 0.046     | 0.043     | 0         | 56.8 | 58.5 | 64.1 | 166        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 6    | 26     | 26     | 0.696     | -0.154    | 1.007 | 0.036     | 0.033     | 0         | 57.2 | 58.9 | 64.1 | 167        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 6    | 36     | 26     | 0.702     | -0.066    | 1.007 | 0.039     | 0.036     | 0         | 57.2 | 58.9 | 63.2 | 167        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 6    | 46     | 26     | 0.676     | -0.102    | 1.01  | 0.046     | 0.043     | 0         | 58   | 58.9 | 62.8 | 168        | 171        | 0          | 33     | 34     |
| 2009 | 6     | 15  | 6    | 56     | 26     | 0.702     | -0.049    | 1.007 | 0.039     | 0.036     | 0         | 56.8 | 58   | 64.5 | 165        | 169        | 0          | 33     | 34     |
| 2009 | 6     | 15  | 7    | 6      | 26     | 0.764     | -0.138    | 1.007 | 0.033     | 0.03      | 0         | 57.6 | 58.5 | 63.2 | 167        | 170        | 0          | 33     | 34     |
| 2009 | 6     | 15  | 7    | 16     | 26     | 0.705     | -0.112    | 1.007 | 0.036     | 0.033     | 0         | 56.8 | 58   | 65.4 | 165        | 168        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 7    | 26     | 26     | 0.682     | -0.115    | 1.01  | 0.039     | 0.039     | 0         | 57.6 | 58.5 | 63.2 | 167        | 170        | 0          | 33     | 34     |
| 2009 | 6     | 15  | 7    | 36     | 26     | 0.594     | -0.148    | 1.01  | 0.039     | 0.039     | 0         | 58   | 58.9 | 62.8 | 168        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 7    | 46     | 26     | 0.712     | -0.072    | 1.01  | 0.039     | 0.039     | 0         | 59.3 | 60.6 | 60.6 | 171        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 7    | 56     | 26     | 0.686     | -0.112    | 1.01  | 0.039     | 0.039     | 0         | 59.8 | 61.1 | 61.1 | 172        | 175        | 0          | 33     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 15  | 8    | 6      | 26     | 0.692     | -0.085    | 1.01  | 0.052     | 0.049     | 0         | 58.9 | 60.2 | 62.4 | 170        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 8    | 16     | 26     | 0.702     | -0.052    | 1.01  | 0.039     | 0.036     | 0         | 58.9 | 60.2 | 61.5 | 171        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 8    | 26     | 26     | 0.669     | -0.125    | 1.007 | 0.039     | 0.039     | 0         | 58.9 | 60.6 | 60.6 | 171        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 8    | 36     | 26     | 0.768     | -0.056    | 1.007 | 0.039     | 0.039     | 0         | 58.9 | 59.3 | 62.8 | 170        | 172        | 0          | 33     | 34     |
| 2009 | 6     | 15  | 8    | 46     | 26     | 0.646     | -0.095    | 1.007 | 0.043     | 0.039     | 0         | 58.5 | 60.2 | 62.8 | 169        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 8    | 56     | 26     | 0.735     | -0.059    | 1.007 | 0.043     | 0.039     | 0         | 57.6 | 58.9 | 63.6 | 168        | 171        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 9    | 6      | 26     | 0.663     | -0.062    | 1.007 | 0.039     | 0.036     | 0         | 58.5 | 59.3 | 62.8 | 169        | 172        | 0          | 33     | 34     |
| 2009 | 6     | 15  | 9    | 16     | 26     | 0.817     | -0.089    | 1.01  | 0.039     | 0.036     | 0         | 58   | 59.3 | 62.8 | 168        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 9    | 26     | 26     | 0.679     | -0.046    | 1.01  | 0.039     | 0.039     | 0         | 59.3 | 61.1 | 62.4 | 171        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 15  | 9    | 36     | 26     | 0.633     | -0.131    | 1.01  | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 62.4 | 171        | 174        | 0          | 33     | 34     |
| 2009 | 6     | 15  | 9    | 46     | 26     | 0.692     | -0.079    | 1.01  | 0.043     | 0.039     | 0         | 58.9 | 60.2 | 62.8 | 171        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 9    | 56     | 26     | 0.735     | -0.095    | 1.01  | 0.043     | 0.039     | 0         | 58.5 | 60.2 | 63.6 | 170        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 10   | 6      | 26     | 0.696     | 0.02      | 1.01  | 0.036     | 0.033     | 0         | 58.5 | 59.8 | 63.2 | 170        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 10   | 16     | 26     | 0.699     | 0         | 1.01  | 0.043     | 0.039     | 0         | 59.3 | 60.6 | 62.8 | 171        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 10   | 26     | 26     | 0.715     | -0.075    | 1.01  | 0.046     | 0.043     | 0         | 59.3 | 61.1 | 61.5 | 172        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 10   | 36     | 26     | 0.702     | -0.072    | 1.01  | 0.043     | 0.039     | 0         | 60.6 | 61.5 | 61.5 | 174        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 10   | 46     | 26     | 0.679     | -0.043    | 1.01  | 0.049     | 0.046     | 0         | 59.8 | 61.1 | 62.8 | 172        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 15  | 10   | 56     | 26     | 0.617     | -0.03     | 1.01  | 0.036     | 0.033     | 0         | 61.9 | 61.1 | 55.9 | 177        | 176        | 0          | 33     | 34     |
| 2009 | 6     | 15  | 11   | 6      | 26     | 0.682     | -0.066    | 1.01  | 0.039     | 0.039     | 0         | 59.8 | 60.2 | 63.2 | 172        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 11   | 16     | 26     | 0.643     | -0.039    | 1.01  | 0.043     | 0.039     | 0         | 60.6 | 61.5 | 62.8 | 174        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 15  | 11   | 26     | 26     | 0.709     | -0.089    | 1.01  | 0.039     | 0.039     | 0         | 61.5 | 61.9 | 62.4 | 176        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 15  | 11   | 36     | 26     | 0.735     | -0.036    | 1.007 | 0.039     | 0.036     | 0         | 61.5 | 62.4 | 61.9 | 177        | 178        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 11   | 46     | 26     | 0.741     | -0.062    | 1.007 | 0.039     | 0.039     | 0         | 62.4 | 62.8 | 61.1 | 178        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 11   | 56     | 26     | 0.712     | 0         | 1.01  | 0.036     | 0.033     | 0         | 63.6 | 63.6 | 60.2 | 181        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 12   | 6      | 26     | 0.627     | 0.069     | 1.007 | 0.039     | 0.036     | 0         | 62.8 | 63.2 | 59.8 | 179        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 12   | 16     | 26     | 0.669     | 0.026     | 1.007 | 0.039     | 0.039     | 0         | 62.8 | 62.4 | 61.1 | 178        | 178        | 0          | 32     | 33     |
| 2009 | 6     | 15  | 12   | 26     | 26     | 0.646     | -0.095    | 1.007 | 0.043     | 0.043     | 0         | 65.4 | 66.2 | 55.9 | 185        | 186        | 0          | 33     | 32     |
| 2009 | 6     | 15  | 12   | 36     | 26     | 0.705     | -0.033    | 1.007 | 0.039     | 0.036     | 0         | 64.1 | 64.5 | 58.9 | 181        | 183        | 0          | 32     | 33     |
| 2009 | 6     | 15  | 12   | 46     | 26     | 0.659     | 0         | 1.007 | 0.039     | 0.039     | 0         | 62.8 | 62.8 | 60.6 | 178        | 179        | 0          | 32     | 33     |
| 2009 | 6     | 15  | 12   | 56     | 26     | 0.732     | -0.007    | 1.007 | 0.039     | 0.039     | 0         | 61.9 | 62.8 | 61.5 | 178        | 179        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 13   | 6      | 26     | 0.699     | -0.007    | 1.007 | 0.039     | 0.036     | 0         | 62.4 | 63.2 | 59.3 | 178        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 13   | 16     | 26     | 0.715     | -0.046    | 1.004 | 0.039     | 0.036     | 0         | 61.9 | 62.8 | 60.6 | 177        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 15  | 13   | 26     | 26     | 0.751     | 0.007     | 1.004 | 0.039     | 0.036     | 0         | 63.2 | 64.1 | 58   | 180        | 181        | 0          | 33     | 32     |
| 2009 | 6     | 15  | 13   | 36     | 26     | 0.797     | -0.033    | 1.004 | 0.049     | 0.046     | 0         | 61.9 | 62.8 | 61.1 | 177        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 15  | 13   | 46     | 26     | 0.722     | -0.013    | 1.004 | 0.043     | 0.039     | 0         | 61.5 | 61.9 | 61.1 | 175        | 176        | 0          | 32     | 32     |
| 2009 | 6     | 15  | 13   | 56     | 26     | 0.663     | -0.072    | 1.004 | 0.039     | 0.036     | 0         | 61.9 | 62.4 | 60.2 | 176        | 177        | 0          | 32     | 32     |
| 2009 | 6     | 15  | 14   | 6      | 26     | 0.676     | -0.043    | 1.004 | 0.039     | 0.039     | 0         | 60.6 | 61.1 | 61.1 | 174        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 14   | 16     | 26     | 0.722     | -0.033    | 1.004 | 0.046     | 0.043     | 0         | 61.5 | 61.9 | 59.3 | 176        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 14   | 26     | 26     | 0.666     | 0         | 1.004 | 0.039     | 0.036     | 0         | 61.1 | 61.9 | 60.6 | 175        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 15  | 14   | 36     | 26     | 0.663     | -0.125    | 1.001 | 0.039     | 0.036     | 0         | 61.5 | 61.9 | 58.5 | 176        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 14   | 46     | 26     | 0.735     | -0.049    | 1.001 | 0.043     | 0.039     | 0         | 60.2 | 60.6 | 59.8 | 173        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 14   | 56     | 26     | 0.712     | 0.007     | 1.001 | 0.043     | 0.039     | 0         | 60.6 | 61.5 | 56.8 | 174        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 15   | 6      | 26     | 0.659     | 0.049     | 1.001 | 0.039     | 0.036     | 0         | 61.5 | 61.9 | 55   | 176        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 15   | 16     | 26     | 0.653     | -0.026    | 1.001 | 0.039     | 0.036     | 0         | 63.6 | 64.5 | 53.8 | 181        | 182        | 0          | 33     | 32     |
| 2009 | 6     | 15  | 15   | 26     | 26     | 0.682     | 0.023     | 1.001 | 0.039     | 0.036     | 0         | 62.8 | 64.1 | 55   | 179        | 181        | 0          | 33     | 32     |
| 2009 | 6     | 15  | 15   | 36     | 26     | 0.643     | 0.082     | 1.001 | 0.036     | 0.033     | 0         | 61.5 | 62.4 | 56.8 | 176        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 15   | 46     | 26     | 0.673     | 0.059     | 0.997 | 0.036     | 0.033     | 0         | 61.5 | 62.8 | 51.2 | 176        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 15  | 15   | 56     | 26     | 0.696     | 0.069     | 0.997 | 0.036     | 0.033     | 0         | 61.5 | 62.4 | 51.2 | 176        | 178        | 0          | 33     | 33     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 15  | 16   | 6      | 26     | 0.666     | 0.115     | 0.997 | 0.043     | 0.039     | 0         | 62.4 | 62.8 | 56.3 | 178        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 16   | 16     | 26     | 0.705     | -0.049    | 0.997 | 0.033     | 0.03      | 0         | 62.4 | 62.8 | 55   | 178        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 16   | 26     | 26     | 0.666     | -0.066    | 0.997 | 0.033     | 0.03      | 0         | 61.1 | 61.9 | 50.7 | 175        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 16   | 36     | 26     | 0.673     | -0.026    | 0.997 | 0.036     | 0.033     | 0         | 61.1 | 61.9 | 52.5 | 175        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 16   | 46     | 26     | 0.669     | -0.033    | 0.997 | 0.033     | 0.03      | 0         | 60.6 | 61.1 | 56.3 | 174        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 16   | 56     | 26     | 0.679     | -0.075    | 1.001 | 0.039     | 0.036     | 0         | 60.2 | 60.6 | 61.5 | 173        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 17   | 6      | 26     | 0.636     | -0.062    | 1.001 | 0.033     | 0.03      | 0         | 60.2 | 60.6 | 61.5 | 173        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 17   | 16     | 26     | 0.676     | -0.138    | 1.001 | 0.039     | 0.039     | 0         | 60.6 | 61.1 | 60.2 | 174        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 17   | 26     | 26     | 0.617     | -0.01     | 1.001 | 0.039     | 0.036     | 0         | 60.6 | 61.5 | 60.2 | 174        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 17   | 36     | 26     | 0.656     | 0.01      | 1.001 | 0.039     | 0.039     | 0         | 60.6 | 61.5 | 61.1 | 174        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 17   | 46     | 26     | 0.705     | 0.052     | 1.001 | 0.046     | 0.043     | 0         | 61.1 | 61.9 | 60.2 | 176        | 177        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 17   | 56     | 26     | 0.643     | 0.03      | 1.001 | 0.039     | 0.036     | 0         | 60.2 | 61.1 | 61.9 | 173        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 18   | 6      | 26     | 0.669     | -0.016    | 1.001 | 0.043     | 0.039     | 0         | 60.6 | 61.5 | 61.1 | 174        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 15  | 18   | 16     | 26     | 0.656     | -0.059    | 1.001 | 0.039     | 0.039     | 0         | 60.2 | 61.5 | 61.5 | 174        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 18   | 26     | 26     | 0.614     | -0.049    | 1.001 | 0.043     | 0.039     | 0         | 60.2 | 61.5 | 60.2 | 174        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 18   | 36     | 26     | 0.712     | -0.033    | 1.001 | 0.049     | 0.049     | 0         | 60.6 | 61.1 | 61.5 | 174        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 18   | 46     | 26     | 0.696     | -0.016    | 1.001 | 0.043     | 0.039     | 0         | 60.6 | 61.1 | 61.5 | 174        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 18   | 56     | 26     | 0.686     | -0.062    | 1.001 | 0.043     | 0.039     | 0         | 61.1 | 61.5 | 61.5 | 175        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 19   | 6      | 26     | 0.686     | -0.023    | 1.001 | 0.043     | 0.039     | 0         | 60.6 | 60.6 | 61.5 | 174        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 19   | 16     | 26     | 0.699     | 0.003     | 0.997 | 0.039     | 0.036     | 0         | 61.9 | 63.2 | 53.8 | 177        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 19   | 26     | 26     | 0.778     | 0.062     | 0.997 | 0.039     | 0.039     | 0         | 62.4 | 62.8 | 53.3 | 178        | 180        | 0          | 33     | 34     |
| 2009 | 6     | 15  | 19   | 36     | 26     | 0.705     | -0.01     | 0.997 | 0.036     | 0.033     | 0         | 62.8 | 63.6 | 53.8 | 180        | 181        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 19   | 46     | 26     | 0.62      | -0.013    | 0.997 | 0.039     | 0.039     | 0         | 61.9 | 63.6 | 54.6 | 178        | 181        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 19   | 56     | 26     | 0.722     | -0.003    | 0.997 | 0.039     | 0.039     | 0         | 63.2 | 63.6 | 53.3 | 181        | 182        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 20   | 6      | 26     | 0.692     | -0.062    | 1.001 | 0.036     | 0.033     | 0         | 64.1 | 65.4 | 53.3 | 182        | 184        | 0          | 33     | 32     |
| 2009 | 6     | 15  | 20   | 16     | 26     | 0.636     | -0.062    | 1.001 | 0.039     | 0.039     | 0         | 65.8 | 66.7 | 54.6 | 186        | 188        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 20   | 26     | 26     | 0.653     | -0.079    | 1.001 | 0.039     | 0.039     | 0         | 62.4 | 63.6 | 56.8 | 179        | 181        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 20   | 36     | 26     | 0.699     | 0.016     | 1.001 | 0.039     | 0.036     | 0         | 63.2 | 64.1 | 56.3 | 180        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 20   | 46     | 26     | 0.696     | -0.023    | 0.997 | 0.039     | 0.039     | 0         | 63.2 | 64.1 | 53.8 | 180        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 20   | 56     | 26     | 0.663     | -0.049    | 0.997 | 0.033     | 0.03      | 0         | 63.6 | 64.5 | 52.9 | 181        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 21   | 6      | 26     | 0.663     | -0.082    | 1.001 | 0.036     | 0.033     | 0         | 63.6 | 64.9 | 53.8 | 181        | 184        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 21   | 16     | 26     | 0.686     | -0.016    | 1.001 | 0.043     | 0.039     | 0         | 63.2 | 64.1 | 55   | 180        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 21   | 26     | 26     | 0.686     | -0.062    | 1.001 | 0.039     | 0.039     | 0         | 62.8 | 63.6 | 55.9 | 179        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 21   | 36     | 26     | 0.574     | -0.049    | 1.001 | 0.036     | 0.033     | 0         | 62.4 | 63.6 | 55.9 | 178        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 21   | 46     | 26     | 0.623     | -0.082    | 1.001 | 0.039     | 0.036     | 0         | 64.1 | 64.9 | 54.2 | 182        | 184        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 21   | 56     | 26     | 0.748     | -0.049    | 1.001 | 0.043     | 0.039     | 0         | 64.1 | 65.4 | 55   | 183        | 185        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 22   | 6      | 26     | 0.696     | -0.062    | 1.001 | 0.046     | 0.043     | 0         | 62.4 | 63.2 | 56.3 | 178        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 22   | 16     | 26     | 0.689     | -0.02     | 1.001 | 0.046     | 0.043     | 0         | 62.4 | 63.2 | 58.9 | 178        | 179        | 0          | 33     | 32     |
| 2009 | 6     | 15  | 22   | 26     | 26     | 0.673     | -0.02     | 1.001 | 0.039     | 0.039     | 0         | 61.5 | 62.4 | 57.6 | 177        | 179        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 22   | 36     | 26     | 0.659     | -0.062    | 1.001 | 0.043     | 0.043     | 0         | 62.4 | 63.2 | 57.6 | 178        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 22   | 46     | 26     | 0.663     | -0.013    | 1.001 | 0.033     | 0.03      | 0         | 61.9 | 62.8 | 58.5 | 177        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 22   | 56     | 26     | 0.663     | -0.066    | 1.001 | 0.036     | 0.033     | 0         | 61.9 | 62.8 | 58.9 | 177        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 23   | 6      | 26     | 0.659     | -0.02     | 1.001 | 0.039     | 0.039     | 0         | 61.9 | 62.4 | 57.6 | 178        | 179        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 23   | 16     | 26     | 0.64      | -0.112    | 1.001 | 0.043     | 0.039     | 0         | 61.1 | 61.9 | 59.3 | 176        | 177        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 23   | 26     | 26     | 0.653     | -0.089    | 1.001 | 0.036     | 0.033     | 0         | 61.1 | 61.9 | 58   | 176        | 177        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 23   | 36     | 26     | 0.719     | -0.089    | 1.001 | 0.039     | 0.039     | 0         | 61.5 | 62.4 | 58.9 | 176        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 23   | 46     | 26     | 0.62      | -0.013    | 1.001 | 0.039     | 0.039     | 0         | 61.1 | 61.5 | 59.8 | 175        | 177        | 0          | 33     | 34     |
| 2009 | 6     | 15  | 23   | 56     | 26     | 0.689     | -0.138    | 1.001 | 0.039     | 0.036     | 0         | 61.1 | 61.5 | 58.9 | 176        | 177        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 16  | 0    | 6      | 26     | 0.673     | -0.095    | 1.001 | 0.036     | 0.033     | 0         | 60.6 | 61.5 | 60.6 | 175        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 0    | 16     | 26     | 0.633     | -0.082    | 1.001 | 0.039     | 0.039     | 0         | 60.2 | 61.5 | 61.1 | 174        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 0    | 26     | 26     | 0.669     | -0.075    | 1.001 | 0.043     | 0.039     | 0         | 61.1 | 62.4 | 59.8 | 175        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 0    | 36     | 26     | 0.682     | -0.059    | 1.001 | 0.039     | 0.036     | 0         | 60.6 | 62.4 | 59.3 | 175        | 178        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 0    | 46     | 26     | 0.666     | -0.102    | 1.001 | 0.039     | 0.039     | 0         | 62.4 | 63.2 | 58   | 178        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 0    | 56     | 26     | 0.709     | -0.033    | 1.001 | 0.036     | 0.033     | 0         | 62.8 | 63.6 | 56.3 | 179        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 1    | 6      | 26     | 0.758     | -0.046    | 1.001 | 0.036     | 0.033     | 0         | 61.5 | 63.2 | 58   | 176        | 179        | 0          | 33     | 32     |
| 2009 | 6     | 16  | 1    | 16     | 26     | 0.702     | 0.02      | 1.001 | 0.039     | 0.039     | 0         | 61.5 | 62.4 | 60.2 | 176        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 1    | 26     | 26     | 0.702     | -0.102    | 1.001 | 0.043     | 0.039     | 0         | 61.9 | 62.8 | 57.2 | 177        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 1    | 36     | 26     | 0.682     | -0.007    | 1.001 | 0.043     | 0.039     | 0         | 62.8 | 63.2 | 57.2 | 179        | 181        | 0          | 33     | 34     |
| 2009 | 6     | 16  | 1    | 46     | 26     | 0.666     | -0.033    | 1.001 | 0.039     | 0.039     | 0         | 61.9 | 62.8 | 57.2 | 177        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 1    | 56     | 26     | 0.663     | 0.003     | 1.001 | 0.043     | 0.039     | 0         | 60.6 | 61.1 | 59.3 | 175        | 176        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 2    | 6      | 26     | 0.702     | -0.033    | 1.001 | 0.039     | 0.036     | 0         | 60.6 | 61.1 | 58.9 | 175        | 176        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 2    | 16     | 26     | 0.65      | -0.016    | 1.001 | 0.036     | 0.033     | 0         | 61.5 | 62.4 | 59.8 | 176        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 2    | 26     | 26     | 0.646     | 0.039     | 1.001 | 0.039     | 0.036     | 0         | 60.6 | 61.9 | 59.8 | 175        | 177        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 2    | 36     | 26     | 0.666     | -0.066    | 1.001 | 0.046     | 0.046     | 0         | 61.5 | 61.9 | 59.8 | 176        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 2    | 46     | 26     | 0.61      | -0.059    | 1.001 | 0.043     | 0.039     | 0         | 59.8 | 61.1 | 61.1 | 173        | 176        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 2    | 56     | 26     | 0.682     | -0.033    | 1.001 | 0.039     | 0.039     | 0         | 59.8 | 60.6 | 61.9 | 172        | 175        | 0          | 33     | 34     |
| 2009 | 6     | 16  | 3    | 6      | 26     | 0.705     | -0.079    | 1.001 | 0.039     | 0.036     | 0         | 59.3 | 60.6 | 61.9 | 172        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 3    | 16     | 26     | 0.719     | -0.036    | 1.001 | 0.039     | 0.036     | 0         | 59.3 | 60.6 | 63.2 | 172        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 3    | 26     | 26     | 0.636     | 0.01      | 1.001 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 62.8 | 171        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 3    | 36     | 26     | 0.669     | -0.066    | 1.001 | 0.049     | 0.046     | 0         | 60.2 | 60.6 | 61.9 | 173        | 175        | 0          | 33     | 34     |
| 2009 | 6     | 16  | 3    | 46     | 26     | 0.623     | -0.098    | 0.997 | 0.039     | 0.039     | 0         | 59.3 | 60.2 | 63.2 | 171        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 3    | 56     | 26     | 0.65      | -0.046    | 0.997 | 0.046     | 0.043     | 0         | 60.2 | 60.6 | 61.1 | 173        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 4    | 6      | 26     | 0.63      | 0.036     | 0.997 | 0.043     | 0.039     | 0         | 59.8 | 61.1 | 59.8 | 172        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 4    | 16     | 26     | 0.705     | -0.023    | 0.997 | 0.039     | 0.036     | 0         | 58.9 | 60.2 | 61.9 | 171        | 174        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 4    | 26     | 26     | 0.682     | -0.013    | 0.997 | 0.049     | 0.046     | 0         | 59.3 | 60.2 | 61.5 | 172        | 174        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 4    | 36     | 26     | 0.627     | 0.043     | 0.997 | 0.039     | 0.036     | 0         | 59.3 | 60.6 | 63.2 | 172        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 4    | 46     | 26     | 0.656     | -0.066    | 0.997 | 0.039     | 0.036     | 0         | 59.3 | 60.2 | 62.8 | 172        | 174        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 4    | 56     | 26     | 0.719     | -0.043    | 0.997 | 0.043     | 0.039     | 0         | 59.3 | 60.6 | 61.5 | 171        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 5    | 6      | 26     | 0.676     | 0.01      | 0.997 | 0.039     | 0.036     | 0         | 59.3 | 60.2 | 61.9 | 172        | 174        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 5    | 16     | 26     | 0.65      | -0.098    | 0.997 | 0.039     | 0.039     | 0         | 59.8 | 61.1 | 60.2 | 173        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 5    | 26     | 26     | 0.692     | -0.003    | 0.997 | 0.036     | 0.033     | 0         | 59.8 | 60.2 | 61.5 | 172        | 174        | 0          | 33     | 34     |
| 2009 | 6     | 16  | 5    | 36     | 26     | 0.643     | -0.043    | 0.997 | 0.039     | 0.039     | 0         | 59.3 | 60.6 | 61.9 | 172        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 5    | 46     | 26     | 0.63      | 0.069     | 0.997 | 0.036     | 0.033     | 0         | 59.3 | 59.8 | 63.2 | 172        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 5    | 56     | 26     | 0.663     | 0.003     | 0.997 | 0.039     | 0.036     | 0         | 58.9 | 59.3 | 63.6 | 170        | 172        | 0          | 33     | 34     |
| 2009 | 6     | 16  | 6    | 6      | 26     | 0.627     | 0.013     | 0.997 | 0.036     | 0.033     | 0         | 58   | 59.8 | 64.1 | 169        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 6    | 16     | 26     | 0.561     | -0.138    | 0.997 | 0.043     | 0.039     | 0         | 58   | 58.9 | 64.5 | 168        | 171        | 0          | 33     | 34     |
| 2009 | 6     | 16  | 6    | 26     | 26     | 0.633     | -0.016    | 0.997 | 0.043     | 0.039     | 0         | 57.2 | 58.5 | 64.9 | 167        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 6    | 36     | 26     | 0.676     | -0.066    | 0.997 | 0.033     | 0.03      | 0         | 57.6 | 58.5 | 64.9 | 168        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 6    | 46     | 26     | 0.577     | -0.066    | 0.997 | 0.039     | 0.036     | 0         | 58   | 58.9 | 64.9 | 168        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 6    | 56     | 26     | 0.643     | -0.072    | 0.997 | 0.043     | 0.039     | 0         | 57.6 | 59.3 | 64.9 | 168        | 170        | 0          | 34     | 32     |
| 2009 | 6     | 16  | 7    | 6      | 26     | 0.643     | -0.049    | 0.997 | 0.036     | 0.033     | 0         | 57.2 | 59.3 | 64.9 | 167        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 7    | 16     | 26     | 0.679     | -0.095    | 0.997 | 0.036     | 0.033     | 0         | 57.6 | 58.5 | 64.5 | 168        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 7    | 26     | 26     | 0.522     | 0.026     | 0.997 | 0.033     | 0.03      | 0         | 57.6 | 58.9 | 64.9 | 168        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 7    | 36     | 26     | 0.705     | -0.082    | 0.997 | 0.046     | 0.043     | 0         | 57.6 | 58.5 | 64.5 | 168        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 7    | 46     | 26     | 0.623     | -0.135    | 0.997 | 0.039     | 0.036     | 0         | 58   | 58.5 | 64.5 | 169        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 7    | 56     | 26     | 0.607     | -0.046    | 0.997 | 0.036     | 0.033     | 0         | 57.6 | 58.5 | 64.9 | 168        | 169        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 16  | 8    | 6      | 26     | 0.659     | -0.036    | 0.997 | 0.039     | 0.039     | 0         | 57.6 | 58.9 | 64.5 | 168        | 171        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 8    | 16     | 26     | 0.719     | -0.092    | 0.997 | 0.039     | 0.036     | 0         | 57.6 | 58.9 | 64.5 | 168        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 8    | 26     | 26     | 0.548     | -0.118    | 0.997 | 0.036     | 0.033     | 0         | 58   | 58.5 | 64.1 | 168        | 170        | 0          | 33     | 34     |
| 2009 | 6     | 16  | 8    | 36     | 26     | 0.574     | -0.033    | 0.997 | 0.039     | 0.039     | 0         | 57.2 | 58.5 | 63.6 | 167        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 8    | 46     | 26     | 0.591     | -0.115    | 0.997 | 0.046     | 0.043     | 0         | 57.6 | 58.9 | 64.5 | 168        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 8    | 56     | 26     | 0.607     | -0.062    | 0.997 | 0.039     | 0.036     | 0         | 57.6 | 58.5 | 63.6 | 168        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 9    | 6      | 26     | 0.656     | -0.128    | 0.997 | 0.039     | 0.036     | 0         | 57.6 | 58.9 | 64.1 | 168        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 9    | 16     | 26     | 0.653     | -0.082    | 0.994 | 0.039     | 0.039     | 0         | 56.8 | 58.5 | 64.1 | 166        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 9    | 26     | 26     | 0.62      | -0.046    | 0.994 | 0.039     | 0.039     | 0         | 57.2 | 58   | 63.6 | 167        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 9    | 36     | 26     | 0.627     | -0.115    | 0.994 | 0.039     | 0.036     | 0         | 56.8 | 58   | 63.6 | 166        | 168        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 9    | 46     | 26     | 0.65      | -0.056    | 0.994 | 0.043     | 0.039     | 0         | 57.2 | 58   | 63.6 | 167        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 9    | 56     | 26     | 0.633     | -0.049    | 0.994 | 0.039     | 0.039     | 0         | 57.2 | 58   | 64.1 | 166        | 168        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 10   | 6      | 26     | 0.581     | -0.092    | 0.994 | 0.036     | 0.033     | 0         | 57.2 | 58.9 | 64.5 | 167        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 10   | 16     | 26     | 0.62      | -0.075    | 0.994 | 0.036     | 0.033     | 0         | 58   | 59.3 | 62.8 | 169        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 10   | 26     | 26     | 0.614     | -0.105    | 0.994 | 0.039     | 0.039     | 0         | 58.5 | 59.8 | 62.8 | 169        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 10   | 36     | 26     | 0.607     | -0.079    | 0.994 | 0.033     | 0.03      | 0         | 59.3 | 60.2 | 61.5 | 171        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 10   | 46     | 26     | 0.643     | -0.082    | 0.994 | 0.039     | 0.039     | 0         | 60.2 | 61.1 | 59.8 | 173        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 10   | 56     | 26     | 0.653     | -0.043    | 0.994 | 0.036     | 0.033     | 0         | 59.3 | 59.8 | 60.6 | 172        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 11   | 6      | 26     | 0.679     | -0.112    | 0.994 | 0.036     | 0.033     | 0         | 59.3 | 59.8 | 60.2 | 172        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 11   | 16     | 26     | 0.669     | -0.062    | 0.994 | 0.039     | 0.036     | 0         | 61.1 | 61.9 | 59.3 | 175        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 11   | 26     | 26     | 0.689     | -0.138    | 0.994 | 0.036     | 0.033     | 0         | 60.2 | 61.1 | 59.8 | 173        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 11   | 36     | 26     | 0.591     | -0.154    | 0.994 | 0.039     | 0.036     | 0         | 61.5 | 61.9 | 57.6 | 177        | 178        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 11   | 46     | 26     | 0.584     | -0.066    | 0.994 | 0.039     | 0.036     | 0         | 59.8 | 60.6 | 60.6 | 172        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 11   | 56     | 26     | 0.636     | -0.095    | 0.994 | 0.039     | 0.036     | 0         | 61.5 | 62.4 | 58.5 | 177        | 178        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 12   | 6      | 26     | 0.627     | -0.069    | 0.991 | 0.033     | 0.03      | 0         | 59.8 | 61.1 | 59.3 | 173        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 12   | 16     | 26     | 0.646     | -0.049    | 0.991 | 0.039     | 0.039     | 0         | 61.1 | 61.5 | 58.9 | 175        | 177        | 0          | 33     | 34     |
| 2009 | 6     | 16  | 12   | 26     | 26     | 0.571     | -0.007    | 0.991 | 0.043     | 0.039     | 0         | 60.2 | 61.5 | 60.2 | 174        | 177        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 12   | 36     | 26     | 0.554     | -0.013    | 0.991 | 0.036     | 0.033     | 0         | 60.6 | 61.9 | 58.5 | 175        | 177        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 12   | 46     | 26     | 0.617     | 0.043     | 0.988 | 0.039     | 0.036     | 0         | 61.5 | 61.9 | 57.2 | 176        | 178        | 0          | 33     | 34     |
| 2009 | 6     | 16  | 12   | 56     | 26     | 0.587     | -0.089    | 0.988 | 0.039     | 0.036     | 0         | 61.5 | 62.8 | 57.2 | 176        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 13   | 6      | 26     | 0.61      | -0.118    | 0.984 | 0.039     | 0.036     | 0         | 61.1 | 61.9 | 58.5 | 175        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 13   | 16     | 26     | 0.62      | -0.066    | 0.984 | 0.036     | 0.033     | 0         | 62.8 | 64.1 | 56.3 | 179        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 13   | 26     | 26     | 0.636     | -0.036    | 0.984 | 0.049     | 0.049     | 0         | 63.6 | 64.5 | 55.9 | 181        | 182        | 0          | 33     | 32     |
| 2009 | 6     | 16  | 13   | 36     | 26     | 0.646     | -0.059    | 0.981 | 0.043     | 0.039     | 0         | 61.9 | 62.8 | 58   | 177        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 13   | 46     | 26     | 0.623     | -0.069    | 0.981 | 0.043     | 0.039     | 0         | 62.8 | 63.6 | 57.2 | 179        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 13   | 56     | 26     | 0.571     | -0.016    | 0.981 | 0.046     | 0.043     | 0         | 64.1 | 64.5 | 56.3 | 182        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 14   | 6      | 26     | 0.574     | 0.01      | 0.978 | 0.043     | 0.039     | 0         | 61.9 | 63.2 | 58   | 178        | 181        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 14   | 16     | 26     | 0.577     | -0.062    | 0.978 | 0.036     | 0.033     | 0         | 63.6 | 64.9 | 56.3 | 181        | 183        | 0          | 33     | 32     |
| 2009 | 6     | 16  | 14   | 26     | 26     | 0.636     | -0.016    | 0.978 | 0.043     | 0.039     | 0         | 64.1 | 65.4 | 55.5 | 182        | 185        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 14   | 36     | 26     | 0.614     | 0.013     | 0.978 | 0.033     | 0.03      | 0         | 64.9 | 66.2 | 55   | 184        | 187        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 14   | 46     | 26     | 0.627     | -0.046    | 0.978 | 0.039     | 0.036     | 0         | 65.4 | 65.4 | 55.5 | 184        | 185        | 0          | 32     | 33     |
| 2009 | 6     | 16  | 14   | 56     | 26     | 0.581     | -0.016    | 0.978 | 0.039     | 0.036     | 0         | 62.8 | 64.1 | 58   | 178        | 181        | 0          | 32     | 32     |
| 2009 | 6     | 16  | 15   | 6      | 26     | 0.607     | 0.013     | 0.978 | 0.039     | 0.039     | 0         | 63.6 | 64.9 | 58.5 | 181        | 184        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 15   | 16     | 26     | 0.581     | 0.02      | 0.978 | 0.043     | 0.039     | 0         | 64.9 | 65.4 | 56.8 | 183        | 185        | 0          | 32     | 33     |
| 2009 | 6     | 16  | 15   | 26     | 26     | 0.614     | -0.007    | 0.974 | 0.039     | 0.036     | 0         | 65.4 | 67.1 | 55   | 185        | 188        | 0          | 33     | 32     |
| 2009 | 6     | 16  | 15   | 36     | 26     | 0.62      | -0.036    | 0.981 | 0.043     | 0.039     | 0         | 69.2 | 70.1 | 51.2 | 194        | 195        | 0          | 33     | 32     |
| 2009 | 6     | 16  | 15   | 46     | 26     | 0.646     | 0.007     | 0.978 | 0.036     | 0.033     | 0         | 65.4 | 67.1 | 54.6 | 185        | 188        | 0          | 33     | 32     |
| 2009 | 6     | 16  | 15   | 56     | 26     | 0.676     | -0.02     | 0.978 | 0.043     | 0.039     | 0         | 66.2 | 67.1 | 54.6 | 187        | 189        | 0          | 33     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 16  | 16   | 6      | 26     | 0.728     | -0.007    | 0.978 | 0.033     | 0.03      | 0         | 62.4 | 63.2 | 57.6 | 178        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 16   | 16     | 26     | 0.643     | -0.098    | 0.978 | 0.043     | 0.039     | 0         | 63.6 | 64.9 | 56.3 | 181        | 184        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 16   | 26     | 26     | 0.663     | 0.003     | 0.978 | 0.039     | 0.036     | 0         | 62.4 | 63.6 | 58   | 178        | 180        | 0          | 33     | 32     |
| 2009 | 6     | 16  | 16   | 36     | 26     | 0.663     | 0.007     | 0.978 | 0.043     | 0.039     | 0         | 63.2 | 64.9 | 56.8 | 180        | 183        | 0          | 33     | 32     |
| 2009 | 6     | 16  | 16   | 46     | 26     | 0.656     | -0.056    | 0.978 | 0.036     | 0.033     | 0         | 64.5 | 65.4 | 55.9 | 182        | 184        | 0          | 32     | 32     |
| 2009 | 6     | 16  | 16   | 56     | 26     | 0.6       | -0.089    | 0.978 | 0.039     | 0.039     | 0         | 63.6 | 64.9 | 56.3 | 181        | 183        | 0          | 33     | 32     |
| 2009 | 6     | 16  | 17   | 6      | 26     | 0.636     | -0.026    | 0.978 | 0.043     | 0.039     | 0         | 64.5 | 65.4 | 55   | 183        | 185        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 17   | 16     | 26     | 0.669     | -0.098    | 0.978 | 0.043     | 0.039     | 0         | 65.4 | 66.7 | 55   | 184        | 186        | 0          | 32     | 31     |
| 2009 | 6     | 16  | 17   | 26     | 26     | 0.65      | -0.138    | 0.984 | 0.043     | 0.039     | 0         | 67.9 | 69.2 | 52.9 | 191        | 193        | 0          | 33     | 32     |
| 2009 | 6     | 16  | 17   | 36     | 26     | 0.581     | 0         | 0.978 | 0.039     | 0.036     | 0         | 64.9 | 66.7 | 52.5 | 184        | 188        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 17   | 46     | 26     | 0.653     | -0.033    | 0.974 | 0.039     | 0.039     | 0         | 67.9 | 69.7 | 48.6 | 191        | 194        | 0          | 33     | 32     |
| 2009 | 6     | 16  | 17   | 56     | 26     | 0.61      | 0         | 0.978 | 0.049     | 0.046     | 0         | 68.8 | 70.5 | 48.6 | 193        | 197        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 18   | 6      | 26     | 0.554     | -0.069    | 0.978 | 0.039     | 0.039     | 0         | 69.7 | 71   | 47.7 | 195        | 197        | 0          | 33     | 32     |
| 2009 | 6     | 16  | 18   | 16     | 26     | 0.63      | 0.03      | 0.978 | 0.039     | 0.036     | 0         | 70.1 | 71.8 | 46.9 | 196        | 200        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 18   | 26     | 26     | 0.666     | -0.052    | 0.978 | 0.039     | 0.039     | 0         | 71.4 | 72.7 | 45.6 | 199        | 201        | 0          | 33     | 32     |
| 2009 | 6     | 16  | 18   | 36     | 26     | 0.604     | -0.066    | 0.981 | 0.039     | 0.039     | 0         | 69.7 | 71.4 | 47.3 | 195        | 198        | 0          | 33     | 32     |
| 2009 | 6     | 16  | 18   | 46     | 26     | 0.604     | -0.112    | 0.978 | 0.039     | 0.039     | 0         | 68.4 | 71   | 47.7 | 193        | 198        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 18   | 56     | 26     | 0.673     | -0.098    | 0.978 | 0.043     | 0.039     | 0         | 70.5 | 72.2 | 46   | 197        | 200        | 0          | 33     | 32     |
| 2009 | 6     | 16  | 19   | 6      | 26     | 0.627     | -0.128    | 0.978 | 0.039     | 0.039     | 0         | 71   | 73.5 | 44.3 | 199        | 204        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 19   | 16     | 26     | 0.577     | -0.118    | 0.978 | 0.036     | 0.033     | 0         | 71   | 72.7 | 45.6 | 198        | 202        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 19   | 26     | 26     | 0.62      | -0.089    | 0.981 | 0.039     | 0.036     | 0         | 70.5 | 72.7 | 45.6 | 197        | 201        | 0          | 33     | 32     |
| 2009 | 6     | 16  | 19   | 36     | 26     | 0.587     | -0.049    | 0.978 | 0.039     | 0.036     | 0         | 69.7 | 71.8 | 45.6 | 195        | 200        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 19   | 46     | 26     | 0.617     | -0.052    | 0.978 | 0.043     | 0.039     | 0         | 70.1 | 71.8 | 45.6 | 196        | 200        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 19   | 56     | 26     | 0.571     | 0.007     | 0.981 | 0.043     | 0.039     | 0         | 71   | 73.1 | 44.7 | 197        | 202        | 0          | 32     | 32     |
| 2009 | 6     | 16  | 20   | 6      | 26     | 0.656     | -0.108    | 0.981 | 0.039     | 0.036     | 0         | 71   | 73.1 | 44.7 | 197        | 202        | 0          | 32     | 32     |
| 2009 | 6     | 16  | 20   | 16     | 26     | 0.666     | -0.151    | 0.981 | 0.039     | 0.039     | 0         | 70.5 | 72.7 | 45.2 | 197        | 201        | 0          | 33     | 32     |
| 2009 | 6     | 16  | 20   | 26     | 26     | 0.732     | 0.016     | 0.981 | 0.043     | 0.039     | 0         | 71   | 72.7 | 44.3 | 198        | 202        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 20   | 36     | 26     | 0.594     | -0.089    | 0.984 | 0.039     | 0.039     | 0         | 70.5 | 73.1 | 44.3 | 198        | 203        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 20   | 46     | 26     | 0.617     | -0.085    | 0.984 | 0.046     | 0.043     | 0         | 70.5 | 72.7 | 44.3 | 197        | 202        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 20   | 56     | 26     | 0.699     | -0.095    | 0.984 | 0.039     | 0.039     | 0         | 69.7 | 72.2 | 45.6 | 195        | 201        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 21   | 6      | 26     | 0.676     | 0         | 0.984 | 0.049     | 0.046     | 0         | 68.4 | 71.4 | 46.9 | 192        | 199        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 21   | 16     | 26     | 0.564     | 0.01      | 0.984 | 0.039     | 0.039     | 0         | 66.2 | 69.2 | 48.6 | 188        | 194        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 21   | 26     | 26     | 0.666     | -0.085    | 0.984 | 0.043     | 0.039     | 0         | 68.8 | 71.4 | 47.3 | 193        | 199        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 21   | 36     | 26     | 0.558     | -0.052    | 0.984 | 0.043     | 0.039     | 0         | 64.5 | 67.1 | 52   | 183        | 189        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 21   | 46     | 26     | 0.679     | -0.026    | 0.988 | 0.046     | 0.043     | 0         | 63.6 | 66.2 | 52   | 182        | 188        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 21   | 56     | 26     | 0.584     | -0.033    | 0.984 | 0.043     | 0.039     | 0         | 63.2 | 65.8 | 53.3 | 180        | 186        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 22   | 6      | 26     | 0.633     | -0.079    | 0.984 | 0.039     | 0.039     | 0         | 62.8 | 65.8 | 54.2 | 179        | 185        | 0          | 33     | 32     |
| 2009 | 6     | 16  | 22   | 16     | 26     | 0.633     | -0.049    | 0.984 | 0.039     | 0.036     | 0         | 61.9 | 64.5 | 55.5 | 177        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 22   | 26     | 26     | 0.617     | 0.003     | 0.984 | 0.039     | 0.036     | 0         | 61.5 | 64.1 | 55.5 | 176        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 22   | 36     | 26     | 0.653     | -0.085    | 0.984 | 0.039     | 0.039     | 0         | 61.9 | 65.4 | 54.6 | 177        | 185        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 22   | 46     | 26     | 0.614     | -0.062    | 0.984 | 0.036     | 0.033     | 0         | 61.9 | 64.5 | 55.5 | 177        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 22   | 56     | 26     | 0.692     | -0.046    | 0.984 | 0.039     | 0.036     | 0         | 61.9 | 64.5 | 55.5 | 177        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 23   | 6      | 26     | 0.65      | -0.026    | 0.984 | 0.039     | 0.039     | 0         | 60.6 | 63.6 | 55.9 | 175        | 181        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 23   | 16     | 26     | 0.653     | -0.072    | 0.984 | 0.039     | 0.039     | 0         | 60.6 | 63.2 | 56.8 | 174        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 23   | 26     | 26     | 0.682     | -0.079    | 0.984 | 0.039     | 0.036     | 0         | 60.2 | 63.2 | 56.3 | 174        | 180        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 23   | 36     | 26     | 0.63      | -0.013    | 0.984 | 0.043     | 0.039     | 0         | 62.4 | 63.2 | 56.8 | 179        | 180        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 23   | 46     | 26     | 0.666     | -0.01     | 0.988 | 0.043     | 0.039     | 0         | 64.5 | 65.4 | 54.6 | 183        | 184        | 0          | 33     | 32     |
| 2009 | 6     | 16  | 23   | 56     | 26     | 0.689     | -0.033    | 0.984 | 0.039     | 0.039     | 0         | 61.9 | 63.2 | 56.8 | 178        | 179        | 0          | 34     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 17  | 0    | 6      | 26     | 0.653     | -0.095    | 0.984 | 0.039     | 0.039     | 0         | 62.4 | 63.2 | 56.3 | 178        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 0    | 16     | 26     | 0.643     | 0.056     | 0.984 | 0.046     | 0.043     | 0         | 63.2 | 64.5 | 55.9 | 180        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 0    | 26     | 26     | 0.597     | 0.03      | 0.988 | 0.043     | 0.039     | 0         | 61.9 | 63.6 | 56.3 | 177        | 180        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 0    | 36     | 26     | 0.653     | -0.062    | 0.988 | 0.043     | 0.039     | 0         | 61.9 | 63.2 | 56.8 | 177        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 0    | 46     | 26     | 0.653     | 0.023     | 0.988 | 0.039     | 0.036     | 0         | 61.9 | 63.2 | 57.2 | 178        | 180        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 0    | 56     | 26     | 0.656     | -0.085    | 0.988 | 0.043     | 0.039     | 0         | 62.4 | 63.6 | 56.3 | 178        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 1    | 6      | 26     | 0.686     | -0.046    | 0.988 | 0.039     | 0.036     | 0         | 60.6 | 61.9 | 57.2 | 174        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 1    | 16     | 26     | 0.636     | -0.013    | 0.984 | 0.039     | 0.039     | 0         | 60.6 | 61.1 | 58   | 174        | 176        | 0          | 33     | 34     |
| 2009 | 6     | 17  | 1    | 26     | 26     | 0.627     | -0.013    | 0.988 | 0.043     | 0.039     | 0         | 61.9 | 63.2 | 57.6 | 177        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 1    | 36     | 26     | 0.689     | -0.02     | 0.988 | 0.046     | 0.043     | 0         | 62.8 | 64.1 | 55.5 | 179        | 181        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 1    | 46     | 26     | 0.653     | -0.056    | 0.988 | 0.039     | 0.036     | 0         | 62.4 | 63.2 | 57.2 | 178        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 1    | 56     | 26     | 0.709     | -0.043    | 0.988 | 0.039     | 0.039     | 0         | 61.1 | 61.1 | 58.9 | 175        | 176        | 0          | 33     | 34     |
| 2009 | 6     | 17  | 2    | 6      | 26     | 0.686     | -0.072    | 0.988 | 0.043     | 0.039     | 0         | 59.8 | 60.6 | 59.3 | 172        | 175        | 0          | 33     | 34     |
| 2009 | 6     | 17  | 2    | 16     | 26     | 0.633     | -0.066    | 0.988 | 0.039     | 0.039     | 0         | 60.2 | 62.8 | 57.6 | 174        | 178        | 0          | 34     | 32     |
| 2009 | 6     | 17  | 2    | 26     | 26     | 0.663     | -0.062    | 0.988 | 0.039     | 0.039     | 0         | 61.9 | 63.6 | 56.3 | 177        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 2    | 36     | 26     | 0.65      | -0.052    | 0.988 | 0.043     | 0.039     | 0         | 61.1 | 62.4 | 58   | 175        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 2    | 46     | 26     | 0.571     | -0.049    | 0.988 | 0.039     | 0.039     | 0         | 60.2 | 61.1 | 58.5 | 173        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 2    | 56     | 26     | 0.636     | 0.007     | 0.988 | 0.039     | 0.039     | 0         | 60.6 | 61.9 | 57.2 | 174        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 3    | 6      | 26     | 0.653     | -0.089    | 0.988 | 0.043     | 0.039     | 0         | 60.2 | 61.5 | 58.9 | 173        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 3    | 16     | 26     | 0.6       | -0.075    | 0.988 | 0.039     | 0.039     | 0         | 60.2 | 61.1 | 58.9 | 174        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 3    | 26     | 26     | 0.646     | -0.046    | 0.988 | 0.039     | 0.039     | 0         | 59.8 | 60.6 | 59.8 | 172        | 175        | 0          | 33     | 34     |
| 2009 | 6     | 17  | 3    | 36     | 26     | 0.715     | -0.043    | 0.988 | 0.043     | 0.039     | 0         | 60.2 | 61.5 | 58.5 | 173        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 3    | 46     | 26     | 0.64      | -0.072    | 0.988 | 0.039     | 0.036     | 0         | 59.8 | 61.5 | 59.3 | 173        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 3    | 56     | 26     | 0.554     | -0.049    | 0.988 | 0.039     | 0.039     | 0         | 59.8 | 61.1 | 58.5 | 172        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 4    | 6      | 26     | 0.627     | -0.01     | 0.988 | 0.046     | 0.043     | 0         | 59.8 | 61.1 | 59.8 | 172        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 4    | 16     | 26     | 0.741     | -0.066    | 0.988 | 0.043     | 0.039     | 0         | 59.3 | 60.6 | 59.8 | 172        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 4    | 26     | 26     | 0.653     | -0.082    | 0.988 | 0.039     | 0.039     | 0         | 60.2 | 61.5 | 58.9 | 173        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 4    | 36     | 26     | 0.676     | -0.043    | 0.991 | 0.039     | 0.036     | 0         | 60.2 | 61.1 | 58.5 | 174        | 176        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 4    | 46     | 26     | 0.659     | -0.066    | 0.988 | 0.039     | 0.039     | 0         | 59.3 | 61.1 | 59.8 | 172        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 4    | 56     | 26     | 0.62      | -0.085    | 0.991 | 0.039     | 0.036     | 0         | 61.5 | 63.6 | 57.2 | 177        | 181        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 5    | 6      | 26     | 0.673     | -0.079    | 0.988 | 0.036     | 0.033     | 0         | 59.3 | 60.6 | 60.2 | 170        | 174        | 0          | 32     | 33     |
| 2009 | 6     | 17  | 5    | 16     | 26     | 0.666     | -0.02     | 0.988 | 0.043     | 0.039     | 0         | 59.3 | 60.6 | 59.8 | 171        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 5    | 26     | 26     | 0.682     | -0.089    | 0.991 | 0.039     | 0.039     | 0         | 59.8 | 61.1 | 59.3 | 172        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 5    | 36     | 26     | 0.682     | -0.138    | 0.991 | 0.033     | 0.03      | 0         | 59.3 | 61.1 | 58.9 | 172        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 5    | 46     | 26     | 0.686     | -0.066    | 0.991 | 0.043     | 0.039     | 0         | 59.3 | 61.1 | 58.5 | 172        | 176        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 5    | 56     | 26     | 0.679     | -0.03     | 0.988 | 0.036     | 0.033     | 0         | 59.3 | 60.6 | 58.9 | 172        | 175        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 6    | 6      | 26     | 0.646     | -0.03     | 0.988 | 0.036     | 0.033     | 0         | 59.8 | 61.5 | 58   | 172        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 6    | 16     | 26     | 0.673     | -0.049    | 0.991 | 0.043     | 0.039     | 0         | 59.8 | 60.6 | 58.5 | 173        | 175        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 6    | 26     | 26     | 0.633     | 0         | 0.991 | 0.043     | 0.039     | 0         | 60.2 | 61.1 | 58.5 | 173        | 176        | 0          | 33     | 34     |
| 2009 | 6     | 17  | 6    | 36     | 26     | 0.679     | -0.046    | 0.991 | 0.046     | 0.043     | 0         | 60.6 | 61.9 | 58   | 174        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 6    | 46     | 26     | 0.597     | -0.039    | 0.991 | 0.039     | 0.036     | 0         | 59.3 | 60.6 | 59.8 | 172        | 175        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 6    | 56     | 26     | 0.65      | -0.046    | 0.991 | 0.039     | 0.036     | 0         | 59.8 | 61.5 | 58.9 | 173        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 7    | 6      | 26     | 0.709     | -0.118    | 0.988 | 0.036     | 0.033     | 0         | 59.8 | 61.9 | 58.9 | 173        | 177        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 7    | 16     | 26     | 0.597     | -0.108    | 0.988 | 0.039     | 0.036     | 0         | 61.1 | 62.4 | 57.6 | 176        | 179        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 7    | 26     | 26     | 0.607     | -0.062    | 0.988 | 0.039     | 0.039     | 0         | 60.2 | 61.5 | 58.9 | 174        | 177        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 7    | 36     | 26     | 0.705     | -0.121    | 0.991 | 0.039     | 0.039     | 0         | 59.8 | 61.1 | 58.5 | 173        | 176        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 7    | 46     | 26     | 0.646     | -0.059    | 0.991 | 0.039     | 0.039     | 0         | 61.1 | 62.8 | 58.5 | 176        | 179        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 7    | 56     | 26     | 0.63      | -0.059    | 0.988 | 0.039     | 0.036     | 0         | 59.8 | 61.1 | 58.9 | 172        | 175        | 0          | 33     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 17  | 8    | 6      | 26     | 0.705     | 0         | 0.988 | 0.039     | 0.036     | 0         | 60.2 | 62.4 | 58.5 | 174        | 177        | 0          | 34     | 32     |
| 2009 | 6     | 17  | 8    | 16     | 26     | 0.696     | -0.033    | 0.988 | 0.043     | 0.039     | 0         | 59.8 | 61.1 | 58.9 | 173        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 8    | 26     | 26     | 0.607     | -0.079    | 0.988 | 0.039     | 0.039     | 0         | 60.2 | 61.9 | 58   | 174        | 177        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 8    | 36     | 26     | 0.633     | -0.062    | 0.988 | 0.046     | 0.043     | 0         | 60.6 | 61.5 | 58   | 174        | 177        | 0          | 33     | 34     |
| 2009 | 6     | 17  | 8    | 46     | 26     | 0.64      | -0.056    | 0.988 | 0.039     | 0.039     | 0         | 60.6 | 61.9 | 58   | 174        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 8    | 56     | 26     | 0.699     | -0.075    | 0.988 | 0.039     | 0.039     | 0         | 59.8 | 61.9 | 58   | 173        | 177        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 9    | 6      | 26     | 0.682     | -0.043    | 0.988 | 0.046     | 0.043     | 0         | 59.8 | 60.6 | 58.9 | 172        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 9    | 16     | 26     | 0.686     | -0.079    | 0.984 | 0.036     | 0.033     | 0         | 59.8 | 61.5 | 58   | 173        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 9    | 26     | 26     | 0.666     | -0.125    | 0.984 | 0.039     | 0.039     | 0         | 59.8 | 61.9 | 57.6 | 173        | 176        | 0          | 34     | 32     |
| 2009 | 6     | 17  | 9    | 36     | 26     | 0.656     | -0.03     | 0.984 | 0.039     | 0.036     | 0         | 59.8 | 61.5 | 58.5 | 173        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 9    | 46     | 26     | 0.63      | -0.121    | 0.984 | 0.039     | 0.036     | 0         | 59.8 | 61.5 | 58   | 173        | 175        | 0          | 34     | 32     |
| 2009 | 6     | 17  | 9    | 56     | 26     | 0.761     | -0.131    | 0.984 | 0.043     | 0.039     | 0         | 59.3 | 61.5 | 59.3 | 172        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 10   | 6      | 26     | 0.699     | -0.098    | 0.981 | 0.043     | 0.039     | 0         | 60.6 | 61.5 | 57.2 | 174        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 10   | 16     | 26     | 0.623     | -0.033    | 0.984 | 0.043     | 0.039     | 0         | 60.6 | 61.9 | 57.2 | 175        | 177        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 10   | 26     | 26     | 0.646     | -0.154    | 0.991 | 0.043     | 0.039     | 0         | 60.6 | 62.8 | 57.2 | 175        | 179        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 10   | 36     | 26     | 0.627     | -0.03     | 0.994 | 0.039     | 0.036     | 0         | 61.1 | 62.8 | 57.6 | 176        | 179        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 10   | 46     | 26     | 0.732     | 0         | 1.001 | 0.036     | 0.033     | 0         | 62.4 | 64.1 | 58   | 179        | 183        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 10   | 56     | 26     | 0.679     | -0.036    | 1.004 | 0.039     | 0.039     | 0         | 62.4 | 64.1 | 59.3 | 178        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 11   | 6      | 26     | 0.666     | -0.082    | 1.01  | 0.039     | 0.039     | 0         | 62.4 | 63.2 | 58.5 | 178        | 181        | 0          | 33     | 34     |
| 2009 | 6     | 17  | 11   | 16     | 26     | 0.748     | -0.095    | 1.017 | 0.043     | 0.039     | 0         | 64.1 | 64.5 | 54.6 | 182        | 184        | 0          | 33     | 34     |
| 2009 | 6     | 17  | 11   | 26     | 26     | 0.787     | 0.03      | 1.033 | 0.039     | 0.036     | 0         | 68.4 | 69.7 | 50.3 | 192        | 194        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 11   | 36     | 26     | 0.794     | -0.016    | 1.043 | 0.039     | 0.039     | 0         | 68.4 | 69.7 | 52   | 192        | 196        | 0          | 33     | 34     |
| 2009 | 6     | 17  | 11   | 46     | 26     | 0.771     | -0.043    | 1.047 | 0.036     | 0.033     | 0         | 68.8 | 70.5 | 51.2 | 193        | 197        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 11   | 56     | 26     | 0.856     | -0.033    | 1.05  | 0.039     | 0.036     | 0         | 70.1 | 71.4 | 49.5 | 196        | 199        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 12   | 6      | 26     | 0.774     | -0.046    | 1.053 | 0.046     | 0.043     | 0         | 70.1 | 71.8 | 48.6 | 196        | 199        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 12   | 16     | 26     | 0.853     | 0.046     | 1.056 | 0.039     | 0.036     | 0         | 70.5 | 71.8 | 47.3 | 197        | 200        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 12   | 26     | 26     | 0.817     | 0.01      | 1.06  | 0.043     | 0.039     | 0         | 70.5 | 72.2 | 47.3 | 197        | 201        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 12   | 36     | 26     | 0.84      | -0.01     | 1.063 | 0.039     | 0.039     | 0         | 71   | 72.7 | 46   | 198        | 202        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 12   | 46     | 26     | 0.876     | -0.023    | 1.063 | 0.046     | 0.043     | 0         | 70.1 | 71.8 | 47.3 | 195        | 199        | 0          | 32     | 32     |
| 2009 | 6     | 17  | 12   | 56     | 26     | 0.768     | 0.013     | 1.063 | 0.039     | 0.039     | 0         | 69.7 | 71.4 | 47.3 | 195        | 199        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 13   | 6      | 26     | 0.833     | -0.016    | 1.06  | 0.043     | 0.039     | 0         | 70.1 | 72.2 | 47.3 | 196        | 200        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 13   | 16     | 26     | 0.771     | -0.056    | 1.06  | 0.033     | 0.03      | 0         | 69.2 | 71.8 | 48.6 | 194        | 199        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 13   | 26     | 26     | 0.794     | 0         | 1.06  | 0.043     | 0.039     | 0         | 69.2 | 71.4 | 49   | 194        | 198        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 13   | 36     | 26     | 0.886     | -0.016    | 1.056 | 0.039     | 0.036     | 0         | 68.8 | 70.5 | 49.5 | 192        | 196        | 0          | 32     | 32     |
| 2009 | 6     | 17  | 13   | 46     | 26     | 0.843     | 0.056     | 1.06  | 0.049     | 0.046     | 0         | 69.2 | 71.4 | 49.5 | 194        | 198        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 13   | 56     | 26     | 0.846     | 0.02      | 1.06  | 0.039     | 0.039     | 0         | 68.8 | 71   | 49   | 193        | 197        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 14   | 6      | 26     | 0.837     | 0.069     | 1.06  | 0.039     | 0.036     | 0         | 69.2 | 71   | 49.5 | 193        | 197        | 0          | 32     | 32     |
| 2009 | 6     | 17  | 14   | 16     | 26     | 0.823     | -0.105    | 1.063 | 0.039     | 0.039     | 0         | 70.5 | 72.2 | 47.7 | 197        | 200        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 14   | 26     | 26     | 0.863     | -0.075    | 1.063 | 0.046     | 0.043     | 0         | 67.9 | 70.1 | 49.5 | 190        | 195        | 0          | 32     | 32     |
| 2009 | 6     | 17  | 14   | 36     | 26     | 0.843     | -0.03     | 1.066 | 0.043     | 0.039     | 0         | 68.8 | 71.4 | 48.6 | 193        | 197        | 0          | 33     | 31     |
| 2009 | 6     | 17  | 14   | 46     | 26     | 0.86      | -0.043    | 1.073 | 0.039     | 0.036     | 0         | 66.7 | 69.2 | 51.6 | 188        | 193        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 14   | 56     | 26     | 0.853     | 0.03      | 1.079 | 0.043     | 0.039     | 0         | 67.5 | 70.5 | 50.3 | 191        | 196        | 0          | 34     | 32     |
| 2009 | 6     | 17  | 15   | 6      | 26     | 0.902     | -0.036    | 1.079 | 0.043     | 0.039     | 0         | 67.5 | 70.5 | 49.9 | 190        | 195        | 0          | 33     | 31     |
| 2009 | 6     | 17  | 15   | 16     | 26     | 0.817     | 0         | 1.083 | 0.049     | 0.049     | 0         | 67.9 | 70.5 | 50.7 | 191        | 196        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 15   | 26     | 26     | 0.82      | 0.003     | 1.083 | 0.039     | 0.036     | 0         | 68.4 | 70.5 | 50.3 | 191        | 197        | 0          | 32     | 33     |
| 2009 | 6     | 17  | 15   | 36     | 26     | 0.83      | -0.02     | 1.083 | 0.049     | 0.049     | 0         | 68.8 | 72.2 | 49.9 | 193        | 199        | 0          | 33     | 31     |
| 2009 | 6     | 17  | 15   | 46     | 26     | 0.879     | -0.049    | 1.086 | 0.039     | 0.039     | 0         | 66.7 | 69.7 | 52   | 188        | 195        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 15   | 56     | 26     | 0.853     | -0.052    | 1.083 | 0.039     | 0.039     | 0         | 66.2 | 69.7 | 50.7 | 187        | 194        | 0          | 33     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 17  | 16   | 6      | 26     | 0.919     | -0.043    | 1.083 | 0.043     | 0.039     | 0         | 66.7 | 71   | 50.3 | 188        | 197        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 16   | 16     | 26     | 0.938     | -0.013    | 1.083 | 0.039     | 0.039     | 0         | 67.1 | 71.4 | 49.9 | 189        | 197        | 0          | 33     | 31     |
| 2009 | 6     | 17  | 16   | 26     | 26     | 0.948     | -0.016    | 1.083 | 0.039     | 0.039     | 0         | 67.9 | 72.2 | 48.2 | 191        | 199        | 0          | 33     | 31     |
| 2009 | 6     | 17  | 16   | 36     | 26     | 0.899     | -0.046    | 1.083 | 0.039     | 0.039     | 0         | 67.5 | 71.4 | 48.6 | 190        | 198        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 16   | 46     | 26     | 0.935     | -0.023    | 1.083 | 0.049     | 0.046     | 0         | 67.5 | 71   | 48.2 | 191        | 198        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 16   | 56     | 26     | 0.863     | -0.036    | 1.079 | 0.049     | 0.046     | 0         | 67.1 | 70.1 | 49   | 189        | 196        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 17   | 6      | 26     | 0.951     | -0.098    | 1.079 | 0.046     | 0.043     | 0         | 67.5 | 71   | 48.2 | 190        | 197        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 17   | 16     | 26     | 0.853     | 0.013     | 1.079 | 0.039     | 0.036     | 0         | 66.7 | 69.7 | 50.3 | 187        | 194        | 0          | 32     | 32     |
| 2009 | 6     | 17  | 17   | 26     | 26     | 0.948     | -0.079    | 1.073 | 0.039     | 0.039     | 0         | 71.4 | 74.4 | 43.9 | 199        | 205        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 17   | 36     | 26     | 0.843     | 0         | 1.073 | 0.043     | 0.039     | 0         | 63.6 | 67.5 | 51.2 | 181        | 189        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 17   | 46     | 26     | 0.948     | 0.026     | 1.066 | 0.039     | 0.036     | 0         | 64.9 | 68.4 | 49.9 | 184        | 191        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 17   | 56     | 26     | 0.797     | -0.115    | 1.066 | 0.039     | 0.036     | 0         | 64.9 | 68.4 | 50.3 | 184        | 191        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 18   | 6      | 26     | 0.866     | -0.069    | 1.063 | 0.043     | 0.039     | 0         | 64.5 | 67.9 | 51.6 | 183        | 190        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 18   | 16     | 26     | 0.755     | -0.069    | 1.06  | 0.049     | 0.049     | 0         | 65.8 | 69.2 | 51.2 | 185        | 192        | 0          | 32     | 31     |
| 2009 | 6     | 17  | 18   | 26     | 26     | 0.801     | -0.148    | 1.06  | 0.052     | 0.049     | 0         | 62.4 | 65.4 | 55   | 178        | 184        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 18   | 36     | 26     | 0.896     | -0.118    | 1.056 | 0.043     | 0.039     | 0         | 65.8 | 69.7 | 50.7 | 185        | 194        | 0          | 32     | 32     |
| 2009 | 6     | 17  | 18   | 46     | 26     | 0.83      | -0.052    | 1.056 | 0.046     | 0.043     | 0         | 61.1 | 64.5 | 56.8 | 175        | 182        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 18   | 56     | 26     | 0.873     | -0.059    | 1.053 | 0.043     | 0.039     | 0         | 61.1 | 64.5 | 56.8 | 175        | 182        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 19   | 6      | 26     | 0.833     | -0.069    | 1.053 | 0.043     | 0.039     | 0         | 63.2 | 66.2 | 54.6 | 180        | 187        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 19   | 16     | 26     | 0.909     | -0.105    | 1.053 | 0.039     | 0.039     | 0         | 64.1 | 67.9 | 53.3 | 182        | 190        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 19   | 26     | 26     | 0.771     | -0.112    | 1.053 | 0.049     | 0.049     | 0         | 64.5 | 67.9 | 53.3 | 183        | 190        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 19   | 36     | 26     | 0.873     | -0.128    | 1.053 | 0.046     | 0.043     | 0         | 61.1 | 64.5 | 58   | 175        | 182        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 19   | 46     | 26     | 0.919     | -0.082    | 1.053 | 0.049     | 0.049     | 0         | 64.1 | 67.5 | 54.2 | 182        | 189        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 19   | 56     | 26     | 0.879     | -0.039    | 1.053 | 0.049     | 0.046     | 0         | 64.1 | 67.5 | 54.6 | 182        | 189        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 20   | 6      | 26     | 0.83      | -0.095    | 1.053 | 0.039     | 0.036     | 0         | 64.5 | 66.7 | 54.2 | 182        | 188        | 0          | 32     | 33     |
| 2009 | 6     | 17  | 20   | 16     | 26     | 0.879     | -0.036    | 1.05  | 0.046     | 0.043     | 0         | 66.7 | 70.1 | 50.7 | 188        | 195        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 20   | 26     | 26     | 0.758     | -0.085    | 1.05  | 0.049     | 0.046     | 0         | 64.1 | 67.5 | 52.9 | 182        | 190        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 20   | 36     | 26     | 0.948     | -0.052    | 1.047 | 0.039     | 0.039     | 0         | 66.2 | 70.1 | 47.3 | 187        | 195        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 20   | 46     | 26     | 0.892     | 0.007     | 1.047 | 0.043     | 0.039     | 0         | 66.7 | 71   | 47.7 | 188        | 197        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 20   | 56     | 26     | 0.892     | -0.092    | 1.047 | 0.039     | 0.039     | 0         | 67.9 | 71.4 | 46.4 | 191        | 198        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 21   | 6      | 26     | 0.82      | -0.072    | 1.047 | 0.039     | 0.036     | 0         | 66.7 | 71.4 | 46.9 | 189        | 198        | 0          | 34     | 32     |
| 2009 | 6     | 17  | 21   | 16     | 26     | 0.771     | -0.066    | 1.047 | 0.033     | 0.03      | 0         | 64.9 | 68.4 | 49.5 | 184        | 192        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 21   | 26     | 26     | 0.807     | -0.049    | 1.047 | 0.043     | 0.039     | 0         | 63.6 | 67.9 | 53.3 | 181        | 190        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 21   | 36     | 26     | 0.791     | -0.098    | 1.047 | 0.039     | 0.036     | 0         | 62.4 | 66.2 | 53.3 | 179        | 187        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 21   | 46     | 26     | 0.794     | -0.069    | 1.047 | 0.043     | 0.043     | 0         | 64.1 | 67.1 | 53.8 | 182        | 189        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 21   | 56     | 26     | 0.866     | -0.046    | 1.043 | 0.049     | 0.046     | 0         | 60.6 | 64.5 | 58.5 | 174        | 182        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 22   | 6      | 26     | 0.912     | 0.007     | 1.047 | 0.046     | 0.043     | 0         | 61.1 | 64.5 | 58   | 175        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 22   | 16     | 26     | 0.823     | -0.121    | 1.043 | 0.036     | 0.033     | 0         | 59.8 | 63.6 | 59.3 | 172        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 22   | 26     | 26     | 0.774     | -0.095    | 1.043 | 0.039     | 0.039     | 0         | 59.3 | 63.6 | 58   | 171        | 180        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 22   | 36     | 26     | 0.794     | -0.052    | 1.043 | 0.049     | 0.049     | 0         | 61.1 | 64.5 | 57.2 | 175        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 22   | 46     | 26     | 0.761     | -0.02     | 1.043 | 0.039     | 0.036     | 0         | 59.8 | 62.8 | 60.2 | 171        | 178        | 0          | 32     | 32     |
| 2009 | 6     | 17  | 22   | 56     | 26     | 0.837     | -0.079    | 1.043 | 0.039     | 0.039     | 0         | 58.5 | 61.5 | 60.6 | 169        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 23   | 6      | 26     | 0.801     | -0.079    | 1.043 | 0.036     | 0.033     | 0         | 58.9 | 61.5 | 60.2 | 170        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 23   | 16     | 26     | 0.771     | -0.092    | 1.04  | 0.039     | 0.039     | 0         | 58.9 | 61.9 | 59.3 | 170        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 23   | 26     | 26     | 0.833     | -0.033    | 1.04  | 0.046     | 0.043     | 0         | 58.9 | 61.9 | 59.8 | 170        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 23   | 36     | 26     | 0.735     | -0.039    | 1.04  | 0.043     | 0.039     | 0         | 58.5 | 61.5 | 60.6 | 169        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 17  | 23   | 46     | 26     | 0.797     | -0.039    | 1.04  | 0.039     | 0.036     | 0         | 58.5 | 61.5 | 60.6 | 169        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 23   | 56     | 26     | 0.81      | -0.079    | 1.04  | 0.043     | 0.039     | 0         | 58   | 61.1 | 61.5 | 168        | 175        | 0          | 33     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 18  | 0    | 6      | 26     | 0.804     | -0.059    | 1.04  | 0.039     | 0.039     | 0         | 58.5 | 61.9 | 60.6 | 169        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 0    | 16     | 26     | 0.814     | -0.069    | 1.04  | 0.046     | 0.043     | 0         | 59.3 | 62.4 | 59.8 | 171        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 0    | 26     | 26     | 0.801     | -0.026    | 1.04  | 0.039     | 0.036     | 0         | 58.5 | 61.9 | 60.6 | 169        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 0    | 36     | 26     | 0.82      | -0.102    | 1.037 | 0.039     | 0.036     | 0         | 58.5 | 61.9 | 58.9 | 170        | 177        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 0    | 46     | 26     | 0.761     | -0.112    | 1.037 | 0.033     | 0.03      | 0         | 59.3 | 62.8 | 57.6 | 171        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 0    | 56     | 26     | 0.778     | -0.098    | 1.037 | 0.039     | 0.039     | 0         | 58.9 | 61.9 | 59.3 | 169        | 177        | 0          | 32     | 33     |
| 2009 | 6     | 18  | 1    | 6      | 26     | 0.83      | -0.013    | 1.037 | 0.049     | 0.049     | 0         | 58.5 | 61.5 | 59.3 | 169        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 1    | 16     | 26     | 0.801     | -0.039    | 1.037 | 0.039     | 0.039     | 0         | 58.5 | 61.9 | 58   | 169        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 1    | 26     | 26     | 0.771     | 0.03      | 1.037 | 0.046     | 0.046     | 0         | 58.9 | 62.4 | 57.6 | 170        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 1    | 36     | 26     | 0.761     | -0.128    | 1.033 | 0.039     | 0.039     | 0         | 58   | 61.5 | 58.9 | 168        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 1    | 46     | 26     | 0.725     | -0.082    | 1.033 | 0.039     | 0.039     | 0         | 58   | 60.6 | 58.5 | 168        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 1    | 56     | 26     | 0.794     | -0.095    | 1.037 | 0.039     | 0.036     | 0         | 58.5 | 61.1 | 59.8 | 169        | 176        | 0          | 33     | 34     |
| 2009 | 6     | 18  | 2    | 6      | 26     | 0.778     | -0.082    | 1.037 | 0.033     | 0.03      | 0         | 57.2 | 61.1 | 60.2 | 167        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 2    | 16     | 26     | 0.771     | -0.118    | 1.033 | 0.039     | 0.036     | 0         | 57.6 | 60.6 | 61.1 | 166        | 174        | 0          | 32     | 33     |
| 2009 | 6     | 18  | 2    | 26     | 26     | 0.817     | -0.03     | 1.033 | 0.039     | 0.039     | 0         | 57.2 | 59.8 | 60.2 | 167        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 2    | 36     | 26     | 0.659     | -0.039    | 1.033 | 0.049     | 0.049     | 0         | 57.2 | 59.8 | 61.5 | 166        | 173        | 0          | 33     | 34     |
| 2009 | 6     | 18  | 2    | 46     | 26     | 0.791     | -0.082    | 1.033 | 0.052     | 0.049     | 0         | 57.2 | 60.2 | 60.2 | 166        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 2    | 56     | 26     | 0.712     | 0.03      | 1.033 | 0.039     | 0.039     | 0         | 56.3 | 59.8 | 61.1 | 165        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 3    | 6      | 26     | 0.804     | 0.03      | 1.033 | 0.036     | 0.033     | 0         | 57.6 | 60.2 | 60.6 | 166        | 173        | 0          | 32     | 33     |
| 2009 | 6     | 18  | 3    | 16     | 26     | 0.791     | -0.049    | 1.033 | 0.039     | 0.039     | 0         | 57.2 | 59.8 | 59.8 | 166        | 173        | 0          | 33     | 34     |
| 2009 | 6     | 18  | 3    | 26     | 26     | 0.778     | -0.082    | 1.033 | 0.036     | 0.033     | 0         | 57.2 | 60.6 | 60.2 | 166        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 3    | 36     | 26     | 0.814     | -0.095    | 1.033 | 0.043     | 0.039     | 0         | 56.8 | 60.2 | 60.2 | 165        | 172        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 3    | 46     | 26     | 0.755     | -0.128    | 1.033 | 0.049     | 0.046     | 0         | 56.8 | 59.8 | 60.2 | 165        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 3    | 56     | 26     | 0.81      | -0.112    | 1.03  | 0.043     | 0.039     | 0         | 56.3 | 59.8 | 61.1 | 164        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 4    | 6      | 26     | 0.771     | -0.03     | 1.03  | 0.046     | 0.043     | 0         | 55.9 | 59.3 | 60.2 | 164        | 172        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 4    | 16     | 26     | 0.761     | -0.049    | 1.03  | 0.039     | 0.036     | 0         | 55.5 | 59.3 | 61.1 | 163        | 170        | 0          | 34     | 32     |
| 2009 | 6     | 18  | 4    | 26     | 26     | 0.732     | -0.03     | 1.03  | 0.039     | 0.039     | 0         | 56.3 | 59.8 | 61.5 | 164        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 4    | 36     | 26     | 0.764     | -0.141    | 1.03  | 0.039     | 0.039     | 0         | 55.9 | 59.3 | 61.1 | 163        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 4    | 46     | 26     | 0.768     | -0.079    | 1.03  | 0.039     | 0.039     | 0         | 55.9 | 59.3 | 60.6 | 163        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 4    | 56     | 26     | 0.784     | -0.108    | 1.03  | 0.043     | 0.039     | 0         | 55.5 | 58.9 | 61.5 | 163        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 5    | 6      | 26     | 0.758     | -0.102    | 1.03  | 0.039     | 0.039     | 0         | 55.5 | 58.9 | 61.5 | 162        | 169        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 5    | 16     | 26     | 0.764     | -0.075    | 1.03  | 0.039     | 0.036     | 0         | 55.5 | 58.5 | 61.1 | 162        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 5    | 26     | 26     | 0.722     | -0.023    | 1.027 | 0.043     | 0.039     | 0         | 54.6 | 58.5 | 62.4 | 161        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 5    | 36     | 26     | 0.761     | -0.079    | 1.03  | 0.036     | 0.033     | 0         | 55.5 | 58   | 62.4 | 162        | 168        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 5    | 46     | 26     | 0.81      | -0.023    | 1.03  | 0.043     | 0.039     | 0         | 55.5 | 58.5 | 62.4 | 162        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 5    | 56     | 26     | 0.712     | -0.056    | 1.03  | 0.036     | 0.033     | 0         | 54.2 | 57.2 | 63.2 | 160        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 6    | 6      | 26     | 0.725     | -0.098    | 1.03  | 0.049     | 0.046     | 0         | 54.2 | 58.5 | 62.8 | 160        | 168        | 0          | 34     | 32     |
| 2009 | 6     | 18  | 6    | 16     | 26     | 0.755     | -0.033    | 1.03  | 0.046     | 0.043     | 0         | 55.5 | 58.9 | 62.4 | 163        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 6    | 26     | 26     | 0.768     | -0.023    | 1.03  | 0.049     | 0.049     | 0         | 54.6 | 58.5 | 63.2 | 161        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 6    | 36     | 26     | 0.719     | -0.089    | 1.03  | 0.033     | 0.03      | 0         | 54.6 | 57.6 | 63.6 | 160        | 167        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 6    | 46     | 26     | 0.83      | -0.023    | 1.03  | 0.039     | 0.036     | 0         | 54.2 | 57.6 | 63.6 | 160        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 6    | 56     | 26     | 0.702     | -0.105    | 1.027 | 0.033     | 0.03      | 0         | 54.6 | 57.6 | 64.1 | 160        | 167        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 7    | 6      | 26     | 0.722     | -0.072    | 1.027 | 0.039     | 0.039     | 0         | 54.2 | 57.2 | 62.4 | 160        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 7    | 16     | 26     | 0.696     | -0.105    | 1.027 | 0.036     | 0.033     | 0         | 56.8 | 59.8 | 60.2 | 165        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 7    | 26     | 26     | 0.715     | -0.043    | 1.027 | 0.036     | 0.033     | 0         | 56.3 | 58.9 | 61.1 | 164        | 171        | 0          | 33     | 34     |
| 2009 | 6     | 18  | 7    | 36     | 26     | 0.748     | -0.059    | 1.024 | 0.039     | 0.036     | 0         | 54.6 | 57.6 | 61.9 | 160        | 168        | 0          | 33     | 34     |
| 2009 | 6     | 18  | 7    | 46     | 26     | 0.6       | -0.033    | 1.024 | 0.039     | 0.039     | 0         | 55.5 | 58.5 | 61.5 | 162        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 7    | 56     | 26     | 0.725     | -0.098    | 1.024 | 0.039     | 0.036     | 0         | 55   | 57.6 | 61.1 | 161        | 168        | 0          | 33     | 34     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 18  | 8    | 6      | 26     | 0.748     | -0.03     | 1.02  | 0.039     | 0.039     | 0         | 55.5 | 58   | 62.8 | 162        | 168        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 8    | 16     | 26     | 0.719     | -0.059    | 1.02  | 0.036     | 0.033     | 0         | 56.3 | 59.3 | 60.2 | 164        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 8    | 26     | 26     | 0.735     | -0.092    | 1.017 | 0.039     | 0.036     | 0         | 54.6 | 57.6 | 61.9 | 160        | 167        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 8    | 36     | 26     | 0.748     | -0.098    | 1.017 | 0.039     | 0.036     | 0         | 54.6 | 57.6 | 61.5 | 161        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 8    | 46     | 26     | 0.692     | -0.036    | 1.017 | 0.043     | 0.039     | 0         | 55   | 58   | 62.4 | 162        | 168        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 8    | 56     | 26     | 0.722     | -0.079    | 1.017 | 0.036     | 0.033     | 0         | 55.9 | 58.5 | 61.1 | 164        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 9    | 6      | 26     | 0.781     | -0.036    | 1.017 | 0.039     | 0.036     | 0         | 56.8 | 59.8 | 59.8 | 165        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 9    | 16     | 26     | 0.728     | -0.007    | 1.02  | 0.049     | 0.049     | 0         | 57.6 | 61.5 | 58.9 | 168        | 175        | 0          | 34     | 32     |
| 2009 | 6     | 18  | 9    | 26     | 26     | 0.594     | -0.056    | 1.02  | 0.039     | 0.036     | 0         | 59.3 | 62.8 | 56.8 | 172        | 179        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 9    | 36     | 26     | 0.682     | -0.033    | 1.02  | 0.039     | 0.039     | 0         | 58.9 | 61.5 | 56.8 | 170        | 177        | 0          | 33     | 34     |
| 2009 | 6     | 18  | 9    | 46     | 26     | 0.774     | -0.046    | 1.027 | 0.039     | 0.039     | 0         | 59.8 | 62.8 | 57.2 | 172        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 9    | 56     | 26     | 0.745     | -0.049    | 1.03  | 0.039     | 0.039     | 0         | 61.5 | 64.1 | 55.9 | 176        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 10   | 6      | 26     | 0.725     | -0.016    | 1.033 | 0.039     | 0.039     | 0         | 60.6 | 63.6 | 56.3 | 174        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 10   | 16     | 26     | 0.797     | -0.036    | 1.037 | 0.039     | 0.036     | 0         | 61.5 | 64.1 | 55.9 | 176        | 183        | 0          | 33     | 34     |
| 2009 | 6     | 18  | 10   | 26     | 26     | 0.764     | -0.007    | 1.04  | 0.039     | 0.036     | 0         | 60.2 | 64.1 | 59.3 | 173        | 181        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 10   | 36     | 26     | 0.807     | -0.072    | 1.043 | 0.036     | 0.033     | 0         | 61.5 | 64.9 | 58.5 | 176        | 184        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 10   | 46     | 26     | 0.751     | 0.036     | 1.043 | 0.052     | 0.049     | 0         | 60.6 | 64.1 | 58   | 174        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 10   | 56     | 26     | 0.866     | 0.016     | 1.043 | 0.043     | 0.039     | 0         | 61.5 | 65.8 | 57.6 | 176        | 185        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 11   | 6      | 26     | 0.771     | 0         | 1.047 | 0.043     | 0.039     | 0         | 61.5 | 65.4 | 57.6 | 177        | 185        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 11   | 16     | 26     | 0.732     | 0.007     | 1.047 | 0.043     | 0.039     | 0         | 62.8 | 66.2 | 56.3 | 179        | 187        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 11   | 26     | 26     | 0.768     | -0.02     | 1.047 | 0.039     | 0.039     | 0         | 64.5 | 67.9 | 53.3 | 182        | 190        | 0          | 32     | 32     |
| 2009 | 6     | 18  | 11   | 36     | 26     | 0.702     | -0.01     | 1.05  | 0.039     | 0.036     | 0         | 63.6 | 67.5 | 55.5 | 181        | 189        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 11   | 46     | 26     | 0.761     | 0.026     | 1.05  | 0.043     | 0.039     | 0         | 65.4 | 68.8 | 53.8 | 185        | 193        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 11   | 56     | 26     | 0.774     | 0.01      | 1.05  | 0.043     | 0.039     | 0         | 64.1 | 67.9 | 53.8 | 182        | 191        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 12   | 6      | 26     | 0.741     | 0.003     | 1.05  | 0.043     | 0.039     | 0         | 62.4 | 67.1 | 56.3 | 179        | 188        | 0          | 34     | 32     |
| 2009 | 6     | 18  | 12   | 16     | 26     | 0.751     | -0.056    | 1.05  | 0.043     | 0.039     | 0         | 62.4 | 65.8 | 57.2 | 178        | 185        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 12   | 26     | 26     | 0.781     | -0.016    | 1.05  | 0.039     | 0.036     | 0         | 62.4 | 65.4 | 58   | 178        | 185        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 12   | 36     | 26     | 0.725     | 0.003     | 1.05  | 0.039     | 0.039     | 0         | 61.9 | 65.4 | 58.9 | 176        | 184        | 0          | 32     | 32     |
| 2009 | 6     | 18  | 12   | 46     | 26     | 0.748     | 0.013     | 1.05  | 0.039     | 0.036     | 0         | 61.9 | 64.9 | 58.5 | 177        | 184        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 12   | 56     | 26     | 0.801     | 0         | 1.053 | 0.036     | 0.033     | 0         | 63.6 | 67.1 | 55.9 | 181        | 188        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 13   | 6      | 26     | 0.83      | 0.03      | 1.056 | 0.039     | 0.036     | 0         | 66.7 | 70.5 | 51.6 | 188        | 196        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 13   | 16     | 26     | 0.804     | 0.075     | 1.056 | 0.043     | 0.039     | 0         | 66.2 | 70.5 | 49.9 | 187        | 196        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 13   | 26     | 26     | 0.794     | 0.056     | 1.06  | 0.043     | 0.039     | 0         | 67.5 | 71.4 | 48.6 | 189        | 198        | 0          | 32     | 32     |
| 2009 | 6     | 18  | 13   | 36     | 26     | 0.804     | -0.033    | 1.063 | 0.043     | 0.039     | 0         | 67.1 | 71.4 | 48.2 | 189        | 198        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 13   | 46     | 26     | 0.83      | 0.082     | 1.073 | 0.036     | 0.033     | 0         | 70.1 | 74   | 44.7 | 195        | 204        | 0          | 32     | 32     |
| 2009 | 6     | 18  | 13   | 56     | 26     | 0.801     | 0.039     | 1.086 | 0.043     | 0.039     | 0         | 71   | 74.8 | 46   | 198        | 206        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 14   | 6      | 26     | 0.801     | 0.01      | 1.089 | 0.039     | 0.039     | 0         | 71.8 | 75.7 | 45.2 | 200        | 208        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 14   | 16     | 26     | 0.846     | 0.049     | 1.089 | 0.046     | 0.043     | 0         | 71.4 | 75.3 | 45.6 | 199        | 207        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 14   | 26     | 26     | 0.801     | 0.095     | 1.089 | 0.036     | 0.033     | 0         | 71   | 74.8 | 46.4 | 198        | 206        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 14   | 36     | 26     | 0.807     | 0.066     | 1.093 | 0.043     | 0.039     | 0         | 71.4 | 74.8 | 45.6 | 199        | 206        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 14   | 46     | 26     | 0.784     | 0.072     | 1.093 | 0.046     | 0.043     | 0         | 73.5 | 76.1 | 44.3 | 203        | 209        | 0          | 32     | 32     |
| 2009 | 6     | 18  | 14   | 56     | 26     | 0.801     | 0.079     | 1.096 | 0.043     | 0.039     | 0         | 77   | 77   | 42.1 | 211        | 211        | 0          | 32     | 32     |
| 2009 | 6     | 18  | 15   | 6      | 26     | 0.764     | 0.046     | 1.096 | 0.043     | 0.039     | 0         | 77.8 | 77.8 | 41.7 | 213        | 213        | 0          | 32     | 32     |
| 2009 | 6     | 18  | 15   | 16     | 26     | 0.846     | 0.039     | 1.102 | 0.036     | 0.033     | 0         | 76.5 | 76.5 | 42.6 | 210        | 210        | 0          | 32     | 32     |
| 2009 | 6     | 18  | 15   | 26     | 26     | 0.846     | 0.066     | 1.102 | 0.033     | 0.03      | 0         | 77.4 | 77.4 | 40.9 | 212        | 212        | 0          | 32     | 32     |
| 2009 | 6     | 18  | 15   | 36     | 26     | 0.778     | 0.135     | 1.099 | 0.036     | 0.033     | 0         | 79.1 | 79.6 | 38.3 | 216        | 217        | 0          | 32     | 32     |
| 2009 | 6     | 18  | 15   | 46     | 26     | 0.686     | 0.187     | 1.099 | 0.03      | 0.03      | 0         | 77   | 77.4 | 43.4 | 211        | 212        | 0          | 32     | 32     |
| 2009 | 6     | 18  | 15   | 56     | 26     | 0.807     | 0.249     | 1.099 | 0.036     | 0.033     | 0         | 74.8 | 75.3 | 44.7 | 206        | 207        | 0          | 32     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 18  | 16   | 6      | 26     | 0.817     | 0.138     | 1.096 | 0.043     | 0.039     | 0         | 73.1 | 74   | 46.9 | 202        | 204        | 0          | 32     | 32     |
| 2009 | 6     | 18  | 16   | 16     | 26     | 0.751     | 0.161     | 1.096 | 0.039     | 0.039     | 0         | 71.8 | 73.5 | 47.7 | 200        | 202        | 0          | 33     | 31     |
| 2009 | 6     | 18  | 16   | 26     | 26     | 0.735     | 0.154     | 1.096 | 0.043     | 0.039     | 0         | 72.7 | 74   | 47.7 | 201        | 203        | 0          | 32     | 31     |
| 2009 | 6     | 18  | 16   | 36     | 26     | 0.758     | 0.052     | 1.096 | 0.043     | 0.039     | 0         | 72.2 | 72.7 | 49.5 | 200        | 201        | 0          | 32     | 32     |
| 2009 | 6     | 18  | 16   | 46     | 26     | 0.686     | 0.033     | 1.093 | 0.043     | 0.039     | 0         | 71   | 71.8 | 50.3 | 197        | 199        | 0          | 32     | 32     |
| 2009 | 6     | 18  | 16   | 56     | 26     | 0.774     | 0.046     | 1.093 | 0.039     | 0.039     | 0         | 69.7 | 71   | 52   | 194        | 197        | 0          | 32     | 32     |
| 2009 | 6     | 18  | 17   | 6      | 26     | 0.794     | 0.036     | 1.093 | 0.043     | 0.039     | 0         | 69.7 | 69.7 | 52.5 | 193        | 195        | 0          | 31     | 33     |
| 2009 | 6     | 18  | 17   | 16     | 26     | 0.837     | 0.023     | 1.089 | 0.043     | 0.039     | 0         | 67.9 | 69.7 | 52.9 | 191        | 194        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 17   | 26     | 26     | 0.682     | -0.007    | 1.089 | 0.052     | 0.049     | 0         | 67.5 | 70.1 | 52.9 | 190        | 194        | 0          | 33     | 31     |
| 2009 | 6     | 18  | 17   | 36     | 26     | 0.787     | 0.062     | 1.086 | 0.043     | 0.039     | 0         | 67.5 | 69.2 | 52.5 | 189        | 193        | 0          | 32     | 32     |
| 2009 | 6     | 18  | 17   | 46     | 26     | 0.787     | 0.056     | 1.083 | 0.043     | 0.039     | 0         | 67.9 | 70.1 | 51.2 | 191        | 194        | 0          | 33     | 31     |
| 2009 | 6     | 18  | 17   | 56     | 26     | 0.719     | 0.052     | 1.083 | 0.039     | 0.039     | 0         | 68.4 | 69.7 | 50.3 | 191        | 194        | 0          | 32     | 32     |
| 2009 | 6     | 18  | 18   | 6      | 26     | 0.702     | 0.036     | 1.079 | 0.039     | 0.036     | 0         | 69.2 | 71   | 49.5 | 193        | 197        | 0          | 32     | 32     |
| 2009 | 6     | 18  | 18   | 16     | 26     | 0.751     | 0.049     | 1.076 | 0.046     | 0.043     | 0         | 67.5 | 69.7 | 50.7 | 189        | 193        | 0          | 32     | 31     |
| 2009 | 6     | 18  | 18   | 26     | 26     | 0.735     | -0.033    | 1.07  | 0.046     | 0.043     | 0         | 67.5 | 69.7 | 49.5 | 189        | 193        | 0          | 32     | 31     |
| 2009 | 6     | 18  | 18   | 36     | 26     | 0.663     | -0.033    | 1.07  | 0.043     | 0.039     | 0         | 67.1 | 70.1 | 50.7 | 189        | 194        | 0          | 33     | 31     |
| 2009 | 6     | 18  | 18   | 46     | 26     | 0.653     | -0.023    | 1.066 | 0.043     | 0.039     | 0         | 65.4 | 67.9 | 52   | 184        | 190        | 0          | 32     | 32     |
| 2009 | 6     | 18  | 18   | 56     | 26     | 0.758     | 0.007     | 1.063 | 0.039     | 0.036     | 0         | 66.2 | 68.8 | 51.6 | 187        | 192        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 19   | 6      | 26     | 0.699     | 0         | 1.063 | 0.039     | 0.039     | 0         | 66.2 | 68.4 | 52   | 187        | 191        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 19   | 16     | 26     | 0.705     | -0.01     | 1.06  | 0.039     | 0.039     | 0         | 68.4 | 68.8 | 51.2 | 191        | 192        | 0          | 32     | 32     |
| 2009 | 6     | 18  | 19   | 26     | 26     | 0.643     | -0.01     | 1.06  | 0.039     | 0.036     | 0         | 66.7 | 67.9 | 52   | 187        | 190        | 0          | 32     | 32     |
| 2009 | 6     | 18  | 19   | 36     | 26     | 0.712     | -0.092    | 1.06  | 0.036     | 0.033     | 0         | 68.4 | 69.7 | 50.3 | 192        | 195        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 19   | 46     | 26     | 0.719     | -0.016    | 1.06  | 0.046     | 0.046     | 0         | 67.9 | 68.8 | 52   | 191        | 193        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 19   | 56     | 26     | 0.728     | 0.043     | 1.056 | 0.039     | 0.039     | 0         | 66.7 | 67.9 | 53.8 | 187        | 190        | 0          | 32     | 32     |
| 2009 | 6     | 18  | 20   | 6      | 26     | 0.705     | -0.036    | 1.056 | 0.036     | 0.033     | 0         | 65.8 | 67.5 | 54.2 | 186        | 189        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 20   | 16     | 26     | 0.643     | -0.059    | 1.056 | 0.039     | 0.039     | 0         | 68.8 | 70.5 | 51.2 | 192        | 196        | 0          | 32     | 32     |
| 2009 | 6     | 18  | 20   | 26     | 26     | 0.666     | -0.003    | 1.056 | 0.033     | 0.03      | 0         | 68.4 | 69.7 | 51.2 | 191        | 194        | 0          | 32     | 32     |
| 2009 | 6     | 18  | 20   | 36     | 26     | 0.745     | -0.016    | 1.056 | 0.039     | 0.039     | 0         | 67.9 | 70.1 | 52   | 190        | 196        | 0          | 32     | 33     |
| 2009 | 6     | 18  | 20   | 46     | 26     | 0.659     | -0.072    | 1.053 | 0.039     | 0.039     | 0         | 67.1 | 70.1 | 52   | 188        | 194        | 0          | 32     | 31     |
| 2009 | 6     | 18  | 20   | 56     | 26     | 0.63      | 0.069     | 1.053 | 0.039     | 0.036     | 0         | 65.8 | 67.9 | 52.9 | 186        | 190        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 21   | 6      | 26     | 0.64      | 0         | 1.053 | 0.043     | 0.039     | 0         | 65.4 | 67.5 | 54.6 | 185        | 189        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 21   | 16     | 26     | 0.656     | -0.052    | 1.053 | 0.039     | 0.036     | 0         | 65.4 | 67.1 | 55   | 184        | 188        | 0          | 32     | 32     |
| 2009 | 6     | 18  | 21   | 26     | 26     | 0.656     | -0.003    | 1.05  | 0.039     | 0.036     | 0         | 64.9 | 67.1 | 55   | 184        | 188        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 21   | 36     | 26     | 0.682     | 0.003     | 1.05  | 0.039     | 0.039     | 0         | 64.5 | 65.8 | 56.3 | 182        | 185        | 0          | 32     | 32     |
| 2009 | 6     | 18  | 21   | 46     | 26     | 0.669     | -0.013    | 1.05  | 0.043     | 0.039     | 0         | 64.9 | 67.1 | 55.5 | 184        | 188        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 21   | 56     | 26     | 0.594     | -0.082    | 1.05  | 0.039     | 0.039     | 0         | 67.1 | 68.8 | 51.6 | 188        | 192        | 0          | 32     | 32     |
| 2009 | 6     | 18  | 22   | 6      | 26     | 0.61      | -0.033    | 1.05  | 0.039     | 0.039     | 0         | 65.8 | 67.9 | 53.8 | 185        | 190        | 0          | 32     | 32     |
| 2009 | 6     | 18  | 22   | 16     | 26     | 0.633     | -0.056    | 1.05  | 0.039     | 0.036     | 0         | 64.9 | 67.5 | 52.9 | 184        | 189        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 22   | 26     | 26     | 0.653     | 0.007     | 1.05  | 0.039     | 0.039     | 0         | 64.5 | 66.7 | 54.6 | 183        | 188        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 22   | 36     | 26     | 0.666     | -0.049    | 1.05  | 0.039     | 0.039     | 0         | 64.1 | 66.2 | 55.5 | 181        | 186        | 0          | 32     | 32     |
| 2009 | 6     | 18  | 22   | 46     | 26     | 0.663     | -0.072    | 1.05  | 0.043     | 0.039     | 0         | 63.6 | 66.2 | 55.9 | 181        | 186        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 22   | 56     | 26     | 0.705     | -0.056    | 1.05  | 0.043     | 0.039     | 0         | 63.6 | 66.2 | 55.9 | 181        | 186        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 23   | 6      | 26     | 0.719     | -0.02     | 1.047 | 0.043     | 0.039     | 0         | 63.6 | 65.8 | 56.8 | 181        | 185        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 23   | 16     | 26     | 0.653     | -0.036    | 1.047 | 0.046     | 0.043     | 0         | 63.2 | 65.4 | 55.9 | 180        | 185        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 23   | 26     | 26     | 0.669     | 0         | 1.047 | 0.043     | 0.039     | 0         | 62.8 | 65.4 | 56.8 | 179        | 185        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 23   | 36     | 26     | 0.705     | -0.02     | 1.047 | 0.043     | 0.039     | 0         | 63.6 | 65.8 | 55.9 | 181        | 185        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 23   | 46     | 26     | 0.65      | -0.033    | 1.047 | 0.043     | 0.043     | 0         | 63.6 | 65.4 | 56.3 | 181        | 184        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 23   | 56     | 26     | 0.663     | -0.013    | 1.047 | 0.039     | 0.036     | 0         | 63.6 | 65.8 | 55.9 | 181        | 186        | 0          | 33     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 19  | 0    | 6      | 26     | 0.712     | 0.085     | 1.047 | 0.039     | 0.039     | 0         | 63.6 | 64.9 | 56.3 | 180        | 184        | 0          | 32     | 33     |
| 2009 | 6     | 19  | 0    | 16     | 26     | 0.689     | -0.079    | 1.047 | 0.039     | 0.036     | 0         | 62.8 | 64.9 | 57.2 | 179        | 183        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 0    | 26     | 26     | 0.663     | 0.052     | 1.047 | 0.043     | 0.039     | 0         | 63.6 | 64.9 | 57.6 | 180        | 184        | 0          | 32     | 33     |
| 2009 | 6     | 19  | 0    | 36     | 26     | 0.709     | -0.046    | 1.047 | 0.039     | 0.036     | 0         | 63.2 | 65.4 | 57.6 | 179        | 184        | 0          | 32     | 32     |
| 2009 | 6     | 19  | 0    | 46     | 26     | 0.673     | -0.016    | 1.047 | 0.039     | 0.039     | 0         | 63.6 | 65.4 | 57.6 | 181        | 185        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 0    | 56     | 26     | 0.659     | 0.01      | 1.047 | 0.039     | 0.039     | 0         | 63.6 | 65.4 | 57.2 | 180        | 185        | 0          | 32     | 33     |
| 2009 | 6     | 19  | 1    | 6      | 26     | 0.692     | 0.026     | 1.047 | 0.039     | 0.039     | 0         | 64.1 | 65.4 | 56.8 | 181        | 185        | 0          | 32     | 33     |
| 2009 | 6     | 19  | 1    | 16     | 26     | 0.636     | -0.102    | 1.043 | 0.036     | 0.033     | 0         | 64.5 | 67.1 | 55.5 | 183        | 188        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 1    | 26     | 26     | 0.653     | -0.043    | 1.043 | 0.039     | 0.039     | 0         | 64.5 | 67.1 | 55.9 | 183        | 188        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 1    | 36     | 26     | 0.571     | -0.043    | 1.043 | 0.049     | 0.046     | 0         | 64.1 | 66.7 | 55   | 182        | 188        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 1    | 46     | 26     | 0.659     | -0.039    | 1.043 | 0.046     | 0.043     | 0         | 64.1 | 66.7 | 55.9 | 182        | 188        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 1    | 56     | 26     | 0.653     | -0.108    | 1.043 | 0.039     | 0.039     | 0         | 64.1 | 66.2 | 56.8 | 181        | 186        | 0          | 32     | 32     |
| 2009 | 6     | 19  | 2    | 6      | 26     | 0.623     | -0.052    | 1.043 | 0.046     | 0.043     | 0         | 63.2 | 65.8 | 56.8 | 180        | 185        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 2    | 16     | 26     | 0.623     | -0.033    | 1.043 | 0.039     | 0.036     | 0         | 62.8 | 65.4 | 58   | 179        | 184        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 2    | 26     | 26     | 0.587     | 0.033     | 1.043 | 0.043     | 0.039     | 0         | 62.8 | 65.4 | 57.6 | 179        | 184        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 2    | 36     | 26     | 0.633     | 0.007     | 1.043 | 0.039     | 0.039     | 0         | 61.9 | 64.1 | 58.9 | 178        | 182        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 2    | 46     | 26     | 0.686     | -0.026    | 1.043 | 0.039     | 0.039     | 0         | 61.9 | 64.1 | 59.3 | 176        | 181        | 0          | 32     | 32     |
| 2009 | 6     | 19  | 2    | 56     | 26     | 0.604     | -0.039    | 1.043 | 0.049     | 0.046     | 0         | 61.1 | 64.1 | 58.5 | 176        | 181        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 3    | 6      | 26     | 0.617     | 0.013     | 1.043 | 0.043     | 0.039     | 0         | 61.1 | 63.6 | 59.8 | 175        | 180        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 3    | 16     | 26     | 0.679     | -0.016    | 1.043 | 0.039     | 0.039     | 0         | 61.1 | 63.6 | 59.8 | 175        | 180        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 3    | 26     | 26     | 0.659     | 0.039     | 1.043 | 0.039     | 0.039     | 0         | 60.6 | 63.2 | 59.3 | 175        | 180        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 3    | 36     | 26     | 0.597     | -0.059    | 1.04  | 0.039     | 0.036     | 0         | 60.2 | 62.4 | 60.2 | 174        | 178        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 3    | 46     | 26     | 0.65      | -0.016    | 1.04  | 0.043     | 0.039     | 0         | 60.2 | 63.2 | 60.2 | 174        | 179        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 3    | 56     | 26     | 0.65      | 0.039     | 1.04  | 0.039     | 0.039     | 0         | 60.6 | 62.4 | 60.2 | 174        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 4    | 6      | 26     | 0.712     | -0.02     | 1.04  | 0.036     | 0.033     | 0         | 60.6 | 62.8 | 59.8 | 174        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 4    | 16     | 26     | 0.682     | 0.003     | 1.04  | 0.036     | 0.033     | 0         | 60.2 | 61.9 | 60.6 | 173        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 4    | 26     | 26     | 0.663     | 0.02      | 1.04  | 0.036     | 0.033     | 0         | 60.2 | 61.5 | 60.2 | 173        | 177        | 0          | 33     | 34     |
| 2009 | 6     | 19  | 4    | 36     | 26     | 0.63      | -0.066    | 1.04  | 0.033     | 0.03      | 0         | 59.8 | 62.8 | 61.5 | 172        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 4    | 46     | 26     | 0.633     | -0.03     | 1.04  | 0.033     | 0.03      | 0         | 59.8 | 61.5 | 61.1 | 172        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 4    | 56     | 26     | 0.65      | 0         | 1.04  | 0.036     | 0.033     | 0         | 60.6 | 62.8 | 60.2 | 175        | 179        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 5    | 6      | 26     | 0.63      | -0.069    | 1.04  | 0.039     | 0.039     | 0         | 60.6 | 62.8 | 59.8 | 174        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 5    | 16     | 26     | 0.679     | 0         | 1.04  | 0.043     | 0.039     | 0         | 61.9 | 64.1 | 56.8 | 178        | 182        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 5    | 26     | 26     | 0.574     | 0.03      | 1.04  | 0.036     | 0.033     | 0         | 61.5 | 63.2 | 59.3 | 176        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 5    | 36     | 26     | 0.663     | -0.115    | 1.04  | 0.033     | 0.03      | 0         | 61.9 | 64.1 | 57.2 | 177        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 5    | 46     | 26     | 0.682     | -0.026    | 1.04  | 0.039     | 0.036     | 0         | 62.4 | 65.4 | 56.3 | 178        | 184        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 5    | 56     | 26     | 0.597     | -0.026    | 1.04  | 0.039     | 0.039     | 0         | 63.2 | 65.8 | 55.5 | 180        | 186        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 6    | 6      | 26     | 0.62      | -0.082    | 1.04  | 0.039     | 0.036     | 0         | 63.6 | 67.1 | 54.2 | 181        | 188        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 6    | 16     | 26     | 0.62      | -0.102    | 1.04  | 0.043     | 0.039     | 0         | 63.2 | 67.1 | 54.2 | 181        | 188        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 6    | 26     | 26     | 0.692     | -0.112    | 1.037 | 0.039     | 0.039     | 0         | 62.8 | 66.2 | 54.2 | 180        | 186        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 6    | 36     | 26     | 0.574     | -0.085    | 1.04  | 0.049     | 0.049     | 0         | 64.1 | 66.7 | 54.6 | 182        | 188        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 6    | 46     | 26     | 0.659     | -0.016    | 1.04  | 0.039     | 0.036     | 0         | 64.5 | 67.1 | 54.2 | 183        | 189        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 6    | 56     | 26     | 0.627     | -0.072    | 1.04  | 0.039     | 0.036     | 0         | 64.9 | 68.4 | 53.8 | 185        | 191        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 7    | 6      | 26     | 0.62      | -0.062    | 1.04  | 0.036     | 0.033     | 0         | 64.1 | 67.1 | 54.2 | 182        | 189        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 7    | 16     | 26     | 0.643     | -0.013    | 1.04  | 0.046     | 0.043     | 0         | 63.6 | 66.7 | 55.5 | 181        | 187        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 7    | 26     | 26     | 0.604     | -0.03     | 1.04  | 0.039     | 0.039     | 0         | 63.6 | 66.7 | 55   | 181        | 187        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 7    | 36     | 26     | 0.646     | -0.003    | 1.037 | 0.043     | 0.039     | 0         | 64.1 | 66.7 | 54.6 | 183        | 188        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 7    | 46     | 26     | 0.574     | -0.026    | 1.037 | 0.039     | 0.036     | 0         | 63.6 | 66.7 | 54.6 | 181        | 188        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 7    | 56     | 26     | 0.633     | -0.069    | 1.037 | 0.033     | 0.03      | 0         | 63.2 | 66.2 | 54.6 | 181        | 187        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 19  | 8    | 6      | 26     | 0.581     | -0.023    | 1.037 | 0.039     | 0.036     | 0         | 63.2 | 66.2 | 54.6 | 180        | 187        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 8    | 16     | 26     | 0.65      | -0.056    | 1.037 | 0.033     | 0.03      | 0         | 64.1 | 66.7 | 53.8 | 182        | 188        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 8    | 26     | 26     | 0.6       | -0.069    | 1.037 | 0.039     | 0.039     | 0         | 62.8 | 65.4 | 55.5 | 179        | 185        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 8    | 36     | 26     | 0.673     | 0.01      | 1.037 | 0.039     | 0.039     | 0         | 63.6 | 66.2 | 54.6 | 181        | 187        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 8    | 46     | 26     | 0.627     | 0.023     | 1.037 | 0.043     | 0.039     | 0         | 64.1 | 66.7 | 54.2 | 182        | 188        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 8    | 56     | 26     | 0.666     | -0.013    | 1.037 | 0.039     | 0.036     | 0         | 62.8 | 65.4 | 54.2 | 180        | 185        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 9    | 6      | 26     | 0.62      | -0.079    | 1.037 | 0.046     | 0.043     | 0         | 63.2 | 65.8 | 54.6 | 180        | 186        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 9    | 16     | 26     | 0.594     | -0.072    | 1.037 | 0.039     | 0.039     | 0         | 62.4 | 64.9 | 55   | 178        | 184        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 9    | 26     | 26     | 0.564     | -0.066    | 1.037 | 0.039     | 0.039     | 0         | 62.4 | 64.9 | 54.2 | 179        | 184        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 9    | 36     | 26     | 0.587     | -0.052    | 1.037 | 0.039     | 0.036     | 0         | 63.2 | 65.8 | 53.8 | 180        | 186        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 9    | 46     | 26     | 0.633     | -0.013    | 1.033 | 0.043     | 0.039     | 0         | 63.6 | 66.2 | 52.9 | 181        | 187        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 9    | 56     | 26     | 0.577     | -0.079    | 1.033 | 0.036     | 0.033     | 0         | 63.2 | 65.8 | 54.2 | 180        | 186        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 10   | 6      | 26     | 0.712     | 0.013     | 1.033 | 0.043     | 0.039     | 0         | 64.1 | 66.7 | 52.5 | 182        | 188        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 10   | 16     | 26     | 0.574     | 0.03      | 1.033 | 0.043     | 0.039     | 0         | 63.6 | 66.7 | 53.3 | 181        | 187        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 10   | 26     | 26     | 0.65      | -0.046    | 1.033 | 0.039     | 0.039     | 0         | 64.1 | 66.7 | 52   | 182        | 187        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 10   | 36     | 26     | 0.581     | 0.01      | 1.033 | 0.039     | 0.036     | 0         | 63.6 | 65.8 | 54.2 | 181        | 185        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 10   | 46     | 26     | 0.643     | 0.013     | 1.033 | 0.043     | 0.043     | 0         | 62.8 | 65.8 | 54.2 | 180        | 185        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 10   | 56     | 26     | 0.597     | -0.016    | 1.03  | 0.039     | 0.039     | 0         | 62.4 | 65.4 | 53.8 | 178        | 185        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 11   | 6      | 26     | 0.62      | 0.049     | 1.03  | 0.039     | 0.036     | 0         | 63.6 | 66.7 | 52.5 | 181        | 188        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 11   | 16     | 26     | 0.6       | 0.02      | 1.03  | 0.043     | 0.039     | 0         | 63.6 | 66.7 | 53.8 | 181        | 187        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 11   | 26     | 26     | 0.564     | 0.069     | 1.027 | 0.039     | 0.039     | 0         | 64.9 | 67.1 | 52.9 | 184        | 188        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 11   | 36     | 26     | 0.548     | -0.016    | 1.024 | 0.056     | 0.052     | 0         | 64.5 | 66.7 | 53.3 | 183        | 187        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 11   | 46     | 26     | 0.643     | 0.02      | 1.02  | 0.043     | 0.039     | 0         | 64.9 | 67.5 | 52.9 | 184        | 189        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 11   | 56     | 26     | 0.564     | 0.03      | 1.02  | 0.043     | 0.039     | 0         | 64.9 | 67.1 | 53.3 | 183        | 188        | 0          | 32     | 32     |
| 2009 | 6     | 19  | 12   | 6      | 26     | 0.607     | 0.03      | 1.02  | 0.043     | 0.039     | 0         | 65.4 | 67.5 | 53.8 | 184        | 189        | 0          | 32     | 32     |
| 2009 | 6     | 19  | 12   | 16     | 26     | 0.525     | 0.135     | 1.017 | 0.046     | 0.043     | 0         | 64.1 | 67.1 | 54.2 | 182        | 188        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 12   | 26     | 26     | 0.564     | 0.118     | 1.017 | 0.043     | 0.039     | 0         | 64.5 | 66.2 | 55.5 | 182        | 186        | 0          | 32     | 32     |
| 2009 | 6     | 19  | 12   | 36     | 26     | 0.509     | 0.046     | 1.017 | 0.039     | 0.039     | 0         | 62.8 | 64.9 | 57.2 | 179        | 183        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 12   | 46     | 26     | 0.62      | 0.121     | 1.014 | 0.049     | 0.049     | 0         | 64.5 | 66.7 | 55.5 | 183        | 187        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 12   | 56     | 26     | 0.564     | 0.161     | 1.014 | 0.039     | 0.039     | 0         | 65.4 | 67.1 | 55   | 184        | 188        | 0          | 32     | 32     |
| 2009 | 6     | 19  | 13   | 6      | 26     | 0.623     | 0.066     | 1.014 | 0.039     | 0.036     | 0         | 64.9 | 65.8 | 54.6 | 182        | 185        | 0          | 31     | 32     |
| 2009 | 6     | 19  | 13   | 16     | 26     | 0.558     | 0.03      | 1.014 | 0.039     | 0.039     | 0         | 63.6 | 66.2 | 55.9 | 181        | 186        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 13   | 26     | 26     | 0.531     | 0         | 1.014 | 0.043     | 0.039     | 0         | 69.2 | 71   | 50.3 | 193        | 197        | 0          | 32     | 32     |
| 2009 | 6     | 19  | 13   | 36     | 26     | 0.663     | 0.059     | 1.014 | 0.043     | 0.039     | 0         | 66.2 | 68.4 | 53.3 | 187        | 191        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 13   | 46     | 26     | 0.62      | 0.052     | 1.014 | 0.039     | 0.039     | 0         | 66.7 | 67.9 | 55   | 187        | 190        | 0          | 32     | 32     |
| 2009 | 6     | 19  | 13   | 56     | 26     | 0.495     | 0.059     | 1.01  | 0.039     | 0.036     | 0         | 64.5 | 67.1 | 55   | 183        | 187        | 0          | 33     | 31     |
| 2009 | 6     | 19  | 14   | 6      | 26     | 0.568     | 0.036     | 1.01  | 0.039     | 0.036     | 0         | 64.1 | 67.1 | 55.5 | 182        | 187        | 0          | 33     | 31     |
| 2009 | 6     | 19  | 14   | 16     | 26     | 0.492     | 0.069     | 1.01  | 0.039     | 0.039     | 0         | 63.6 | 65.8 | 55   | 180        | 185        | 0          | 32     | 32     |
| 2009 | 6     | 19  | 14   | 26     | 26     | 0.518     | 0.121     | 1.007 | 0.036     | 0.033     | 0         | 63.6 | 65.8 | 57.2 | 180        | 184        | 0          | 32     | 31     |
| 2009 | 6     | 19  | 14   | 36     | 26     | 0.541     | 0.062     | 1.007 | 0.033     | 0.03      | 0         | 62.4 | 64.9 | 57.2 | 178        | 183        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 14   | 46     | 26     | 0.617     | -0.003    | 1.007 | 0.052     | 0.049     | 0         | 63.2 | 64.9 | 56.3 | 179        | 184        | 0          | 32     | 33     |
| 2009 | 6     | 19  | 14   | 56     | 26     | 0.515     | 0.125     | 1.004 | 0.039     | 0.039     | 0         | 63.2 | 64.9 | 55.9 | 179        | 183        | 0          | 32     | 32     |
| 2009 | 6     | 19  | 15   | 6      | 26     | 0.548     | 0.105     | 1.004 | 0.039     | 0.036     | 0         | 63.2 | 65.4 | 55.5 | 180        | 184        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 15   | 16     | 26     | 0.571     | 0.052     | 1.004 | 0.036     | 0.033     | 0         | 63.6 | 65.8 | 55.9 | 180        | 184        | 0          | 32     | 31     |
| 2009 | 6     | 19  | 15   | 26     | 26     | 0.486     | 0.138     | 1.004 | 0.036     | 0.033     | 0         | 62.8 | 65.4 | 55.9 | 178        | 183        | 0          | 32     | 31     |
| 2009 | 6     | 19  | 15   | 36     | 26     | 0.574     | 0.069     | 1.004 | 0.036     | 0.033     | 0         | 63.2 | 64.9 | 55.9 | 179        | 183        | 0          | 32     | 32     |
| 2009 | 6     | 19  | 15   | 46     | 26     | 0.535     | 0.115     | 1.001 | 0.049     | 0.046     | 0         | 62.4 | 64.5 | 55   | 178        | 182        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 15   | 56     | 26     | 0.574     | 0.18      | 1.001 | 0.039     | 0.036     | 0         | 63.6 | 65.4 | 55   | 180        | 184        | 0          | 32     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 19  | 16   | 6      | 26     | 0.499     | 0.095     | 0.997 | 0.046     | 0.043     | 0         | 63.2 | 65.4 | 55   | 179        | 184        | 0          | 32     | 32     |
| 2009 | 6     | 19  | 16   | 16     | 26     | 0.545     | 0.089     | 0.991 | 0.039     | 0.039     | 0         | 62.4 | 64.9 | 55   | 178        | 183        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 16   | 26     | 26     | 0.518     | 0.082     | 0.988 | 0.043     | 0.039     | 0         | 63.2 | 65.4 | 55   | 179        | 183        | 0          | 32     | 31     |
| 2009 | 6     | 19  | 16   | 36     | 26     | 0.561     | 0.138     | 0.988 | 0.039     | 0.039     | 0         | 63.6 | 64.9 | 54.6 | 180        | 183        | 0          | 32     | 32     |
| 2009 | 6     | 19  | 16   | 46     | 26     | 0.518     | 0.082     | 0.988 | 0.049     | 0.046     | 0         | 62.8 | 65.4 | 55   | 178        | 184        | 0          | 32     | 32     |
| 2009 | 6     | 19  | 16   | 56     | 26     | 0.443     | 0.033     | 0.988 | 0.033     | 0.03      | 0         | 63.2 | 64.5 | 54.6 | 179        | 182        | 0          | 32     | 32     |
| 2009 | 6     | 19  | 17   | 6      | 26     | 0.561     | 0.069     | 0.984 | 0.036     | 0.033     | 0         | 61.5 | 63.6 | 56.8 | 176        | 180        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 17   | 16     | 26     | 0.486     | 0.118     | 0.984 | 0.039     | 0.039     | 0         | 61.9 | 64.1 | 57.2 | 176        | 180        | 0          | 32     | 31     |
| 2009 | 6     | 19  | 17   | 26     | 26     | 0.446     | 0.082     | 0.984 | 0.039     | 0.036     | 0         | 61.5 | 64.1 | 56.8 | 175        | 180        | 0          | 32     | 31     |
| 2009 | 6     | 19  | 17   | 36     | 26     | 0.581     | 0.03      | 0.984 | 0.043     | 0.039     | 0         | 60.6 | 62.4 | 58.5 | 174        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 17   | 46     | 26     | 0.574     | 0.075     | 0.981 | 0.043     | 0.039     | 0         | 60.2 | 62.8 | 58.9 | 173        | 177        | 0          | 33     | 31     |
| 2009 | 6     | 19  | 17   | 56     | 26     | 0.538     | 0.03      | 0.981 | 0.039     | 0.036     | 0         | 60.6 | 62.4 | 59.3 | 173        | 177        | 0          | 32     | 32     |
| 2009 | 6     | 19  | 18   | 6      | 26     | 0.505     | 0.082     | 0.981 | 0.039     | 0.036     | 0         | 60.2 | 62.4 | 59.3 | 172        | 176        | 0          | 32     | 31     |
| 2009 | 6     | 19  | 18   | 16     | 26     | 0.538     | 0.115     | 0.981 | 0.043     | 0.043     | 0         | 60.6 | 62.8 | 59.3 | 173        | 177        | 0          | 32     | 31     |
| 2009 | 6     | 19  | 18   | 26     | 26     | 0.571     | 0.062     | 0.981 | 0.036     | 0.033     | 0         | 60.2 | 62.4 | 59.8 | 172        | 177        | 0          | 32     | 32     |
| 2009 | 6     | 19  | 18   | 36     | 26     | 0.463     | 0.066     | 0.981 | 0.049     | 0.049     | 0         | 60.2 | 61.9 | 59.3 | 172        | 176        | 0          | 32     | 32     |
| 2009 | 6     | 19  | 18   | 46     | 26     | 0.446     | 0.108     | 0.981 | 0.039     | 0.036     | 0         | 60.2 | 61.5 | 60.2 | 172        | 175        | 0          | 32     | 32     |
| 2009 | 6     | 19  | 18   | 56     | 26     | 0.499     | 0.089     | 0.981 | 0.039     | 0.039     | 0         | 59.8 | 61.1 | 61.9 | 171        | 174        | 0          | 32     | 32     |
| 2009 | 6     | 19  | 19   | 6      | 26     | 0.541     | 0.102     | 0.981 | 0.043     | 0.039     | 0         | 58.9 | 61.1 | 60.6 | 170        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 19   | 16     | 26     | 0.482     | -0.069    | 0.978 | 0.039     | 0.039     | 0         | 59.3 | 61.5 | 61.1 | 170        | 174        | 0          | 32     | 31     |
| 2009 | 6     | 19  | 19   | 26     | 26     | 0.466     | 0.016     | 0.978 | 0.039     | 0.039     | 0         | 58.9 | 61.1 | 61.5 | 170        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 19   | 36     | 26     | 0.492     | 0.033     | 0.978 | 0.043     | 0.039     | 0         | 58.9 | 60.6 | 61.9 | 169        | 173        | 0          | 32     | 32     |
| 2009 | 6     | 19  | 19   | 46     | 26     | 0.492     | 0.072     | 0.978 | 0.039     | 0.036     | 0         | 58.5 | 60.2 | 61.1 | 169        | 172        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 19   | 56     | 26     | 0.472     | 0.066     | 0.978 | 0.039     | 0.039     | 0         | 58   | 60.2 | 63.2 | 168        | 172        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 20   | 6      | 26     | 0.531     | -0.036    | 0.978 | 0.043     | 0.039     | 0         | 58.5 | 60.6 | 62.4 | 169        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 20   | 16     | 26     | 0.518     | -0.085    | 0.978 | 0.039     | 0.036     | 0         | 58.5 | 60.6 | 62.4 | 169        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 20   | 26     | 26     | 0.443     | -0.039    | 0.978 | 0.039     | 0.039     | 0         | 58.9 | 60.6 | 63.2 | 169        | 172        | 0          | 32     | 31     |
| 2009 | 6     | 19  | 20   | 36     | 26     | 0.499     | 0.02      | 0.978 | 0.043     | 0.039     | 0         | 58.5 | 60.6 | 62.8 | 169        | 172        | 0          | 33     | 31     |
| 2009 | 6     | 19  | 20   | 46     | 26     | 0.505     | 0.013     | 0.978 | 0.043     | 0.039     | 0         | 59.3 | 61.1 | 62.4 | 170        | 174        | 0          | 32     | 32     |
| 2009 | 6     | 19  | 20   | 56     | 26     | 0.489     | 0.066     | 0.978 | 0.039     | 0.039     | 0         | 58.9 | 61.1 | 62.4 | 169        | 173        | 0          | 32     | 31     |
| 2009 | 6     | 19  | 21   | 6      | 26     | 0.568     | 0         | 0.978 | 0.043     | 0.039     | 0         | 58.9 | 60.6 | 62.4 | 170        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 21   | 16     | 26     | 0.528     | 0.049     | 0.974 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 62.4 | 170        | 173        | 0          | 32     | 32     |
| 2009 | 6     | 19  | 21   | 26     | 26     | 0.436     | -0.02     | 0.978 | 0.039     | 0.039     | 0         | 58.9 | 60.6 | 62.8 | 169        | 173        | 0          | 32     | 32     |
| 2009 | 6     | 19  | 21   | 36     | 26     | 0.433     | 0.003     | 0.974 | 0.036     | 0.033     | 0         | 59.3 | 61.1 | 61.9 | 170        | 174        | 0          | 32     | 32     |
| 2009 | 6     | 19  | 21   | 46     | 26     | 0.43      | -0.033    | 0.974 | 0.043     | 0.039     | 0         | 60.6 | 61.9 | 60.2 | 173        | 176        | 0          | 32     | 32     |
| 2009 | 6     | 19  | 21   | 56     | 26     | 0.522     | -0.01     | 0.974 | 0.039     | 0.039     | 0         | 60.2 | 61.9 | 60.6 | 173        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 22   | 6      | 26     | 0.528     | 0.003     | 0.974 | 0.039     | 0.036     | 0         | 59.3 | 60.6 | 61.1 | 170        | 173        | 0          | 32     | 32     |
| 2009 | 6     | 19  | 22   | 16     | 26     | 0.548     | -0.016    | 0.974 | 0.039     | 0.036     | 0         | 58.5 | 59.8 | 63.2 | 169        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 22   | 26     | 26     | 0.541     | -0.013    | 0.974 | 0.039     | 0.039     | 0         | 58.5 | 60.6 | 61.9 | 169        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 22   | 36     | 26     | 0.469     | -0.039    | 0.974 | 0.036     | 0.033     | 0         | 58.9 | 60.6 | 61.9 | 170        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 22   | 46     | 26     | 0.509     | -0.016    | 0.974 | 0.039     | 0.036     | 0         | 59.3 | 61.1 | 62.4 | 170        | 174        | 0          | 32     | 32     |
| 2009 | 6     | 19  | 22   | 56     | 26     | 0.538     | -0.01     | 0.974 | 0.043     | 0.039     | 0         | 58.9 | 60.6 | 61.5 | 170        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 23   | 6      | 26     | 0.436     | 0.033     | 0.974 | 0.039     | 0.039     | 0         | 59.8 | 61.5 | 60.6 | 172        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 23   | 16     | 26     | 0.505     | 0.03      | 0.974 | 0.036     | 0.033     | 0         | 59.8 | 61.5 | 61.1 | 171        | 175        | 0          | 32     | 32     |
| 2009 | 6     | 19  | 23   | 26     | 26     | 0.541     | 0.039     | 0.974 | 0.036     | 0.033     | 0         | 59.3 | 61.1 | 61.1 | 171        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 23   | 36     | 26     | 0.466     | -0.016    | 0.974 | 0.046     | 0.046     | 0         | 59.3 | 60.6 | 61.1 | 171        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 23   | 46     | 26     | 0.538     | -0.003    | 0.974 | 0.043     | 0.039     | 0         | 59.3 | 60.6 | 62.4 | 170        | 173        | 0          | 32     | 32     |
| 2009 | 6     | 19  | 23   | 56     | 26     | 0.509     | 0.003     | 0.974 | 0.043     | 0.039     | 0         | 59.3 | 60.2 | 61.5 | 170        | 173        | 0          | 32     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 20  | 0    | 6      | 26     | 0.522     | -0.01     | 0.974 | 0.049     | 0.046     | 0         | 58.5 | 60.6 | 61.1 | 169        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 0    | 16     | 26     | 0.486     | -0.046    | 0.974 | 0.043     | 0.039     | 0         | 58.5 | 60.6 | 61.5 | 169        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 0    | 26     | 26     | 0.541     | 0.026     | 0.974 | 0.039     | 0.036     | 0         | 58.5 | 60.2 | 61.1 | 170        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 0    | 36     | 26     | 0.42      | -0.043    | 0.974 | 0.039     | 0.039     | 0         | 58.9 | 60.6 | 61.5 | 170        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 0    | 46     | 26     | 0.538     | -0.03     | 0.974 | 0.039     | 0.036     | 0         | 58.9 | 60.2 | 61.9 | 170        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 0    | 56     | 26     | 0.489     | -0.013    | 0.974 | 0.039     | 0.036     | 0         | 58.5 | 59.8 | 62.4 | 170        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 1    | 6      | 26     | 0.489     | 0.046     | 0.974 | 0.039     | 0.039     | 0         | 58.5 | 60.2 | 61.9 | 169        | 172        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 1    | 16     | 26     | 0.499     | -0.033    | 0.974 | 0.039     | 0.039     | 0         | 58.5 | 60.2 | 62.4 | 169        | 172        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 1    | 26     | 26     | 0.568     | -0.01     | 0.974 | 0.039     | 0.039     | 0         | 58.5 | 60.2 | 62.4 | 169        | 172        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 1    | 36     | 26     | 0.512     | 0.089     | 0.974 | 0.046     | 0.046     | 0         | 58.5 | 59.8 | 62.4 | 169        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 1    | 46     | 26     | 0.472     | -0.013    | 0.974 | 0.039     | 0.036     | 0         | 58.5 | 60.2 | 61.5 | 169        | 172        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 1    | 56     | 26     | 0.459     | -0.098    | 0.974 | 0.043     | 0.039     | 0         | 58.5 | 59.8 | 62.8 | 169        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 2    | 6      | 26     | 0.489     | -0.052    | 0.974 | 0.036     | 0.033     | 0         | 58   | 59.8 | 62.4 | 168        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 2    | 16     | 26     | 0.472     | 0.016     | 0.974 | 0.036     | 0.033     | 0         | 58   | 59.3 | 61.5 | 168        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 2    | 26     | 26     | 0.518     | -0.02     | 0.974 | 0.036     | 0.033     | 0         | 58.5 | 60.2 | 61.9 | 169        | 172        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 2    | 36     | 26     | 0.574     | -0.049    | 0.974 | 0.039     | 0.039     | 0         | 58.5 | 59.8 | 61.9 | 169        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 2    | 46     | 26     | 0.505     | -0.049    | 0.974 | 0.033     | 0.03      | 0         | 58   | 59.3 | 61.9 | 168        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 2    | 56     | 26     | 0.531     | -0.02     | 0.974 | 0.039     | 0.039     | 0         | 58   | 59.8 | 61.5 | 168        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 3    | 6      | 26     | 0.531     | 0.03      | 0.974 | 0.046     | 0.046     | 0         | 58   | 59.8 | 61.9 | 168        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 3    | 16     | 26     | 0.469     | 0.016     | 0.974 | 0.039     | 0.036     | 0         | 57.6 | 59.8 | 62.4 | 168        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 3    | 26     | 26     | 0.581     | -0.03     | 0.974 | 0.043     | 0.039     | 0         | 58   | 59.3 | 62.4 | 168        | 170        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 3    | 36     | 26     | 0.518     | -0.082    | 0.974 | 0.039     | 0.039     | 0         | 57.2 | 58.9 | 62.4 | 167        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 3    | 46     | 26     | 0.472     | -0.046    | 0.974 | 0.036     | 0.033     | 0         | 57.6 | 58.9 | 62.4 | 167        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 3    | 56     | 26     | 0.459     | -0.085    | 0.974 | 0.039     | 0.039     | 0         | 57.6 | 58.9 | 63.2 | 167        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 4    | 6      | 26     | 0.505     | -0.046    | 0.974 | 0.036     | 0.033     | 0         | 57.2 | 58.9 | 62.4 | 167        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 4    | 16     | 26     | 0.548     | -0.046    | 0.974 | 0.043     | 0.039     | 0         | 58   | 59.3 | 60.6 | 168        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 4    | 26     | 26     | 0.509     | -0.036    | 0.971 | 0.039     | 0.039     | 0         | 57.6 | 59.8 | 62.8 | 167        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 4    | 36     | 26     | 0.453     | -0.033    | 0.971 | 0.039     | 0.039     | 0         | 57.6 | 59.3 | 62.4 | 167        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 4    | 46     | 26     | 0.577     | -0.02     | 0.974 | 0.039     | 0.039     | 0         | 57.2 | 58.9 | 62.8 | 167        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 4    | 56     | 26     | 0.505     | -0.046    | 0.974 | 0.039     | 0.039     | 0         | 57.6 | 58.9 | 62.8 | 167        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 5    | 6      | 26     | 0.528     | -0.036    | 0.974 | 0.039     | 0.039     | 0         | 57.6 | 58.9 | 63.2 | 167        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 5    | 16     | 26     | 0.509     | -0.056    | 0.974 | 0.039     | 0.036     | 0         | 57.2 | 58.5 | 63.2 | 166        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 5    | 26     | 26     | 0.505     | -0.016    | 0.974 | 0.039     | 0.039     | 0         | 57.2 | 58.9 | 62.8 | 166        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 5    | 36     | 26     | 0.459     | -0.036    | 0.974 | 0.039     | 0.039     | 0         | 57.2 | 58   | 62.8 | 166        | 168        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 5    | 46     | 26     | 0.545     | -0.082    | 0.974 | 0.039     | 0.039     | 0         | 56.8 | 58.9 | 63.2 | 165        | 169        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 5    | 56     | 26     | 0.446     | 0.02      | 0.974 | 0.039     | 0.039     | 0         | 56.3 | 57.6 | 64.1 | 164        | 167        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 6    | 6      | 26     | 0.581     | 0.049     | 0.974 | 0.046     | 0.043     | 0         | 56.3 | 57.6 | 64.1 | 164        | 167        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 6    | 16     | 26     | 0.479     | -0.098    | 0.971 | 0.039     | 0.036     | 0         | 55.5 | 57.6 | 64.1 | 163        | 167        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 6    | 26     | 26     | 0.505     | -0.013    | 0.974 | 0.039     | 0.039     | 0         | 55.5 | 57.2 | 64.1 | 162        | 166        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 6    | 36     | 26     | 0.522     | -0.043    | 0.974 | 0.046     | 0.043     | 0         | 55.9 | 57.6 | 64.9 | 163        | 167        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 6    | 46     | 26     | 0.522     | -0.013    | 0.971 | 0.043     | 0.039     | 0         | 55.5 | 57.2 | 64.9 | 162        | 166        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 6    | 56     | 26     | 0.463     | -0.01     | 0.974 | 0.033     | 0.03      | 0         | 56.3 | 57.6 | 64.5 | 164        | 167        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 7    | 6      | 26     | 0.584     | 0.036     | 0.971 | 0.039     | 0.039     | 0         | 55.9 | 57.2 | 65.8 | 163        | 166        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 7    | 16     | 26     | 0.463     | -0.059    | 0.974 | 0.039     | 0.036     | 0         | 55.5 | 57.2 | 64.5 | 162        | 166        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 7    | 26     | 26     | 0.522     | 0.02      | 0.971 | 0.043     | 0.039     | 0         | 55.9 | 56.8 | 65.4 | 163        | 165        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 7    | 36     | 26     | 0.525     | -0.072    | 0.971 | 0.043     | 0.039     | 0         | 55.9 | 57.6 | 64.5 | 163        | 166        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 7    | 46     | 26     | 0.446     | 0.036     | 0.971 | 0.039     | 0.039     | 0         | 55.9 | 57.2 | 66.2 | 162        | 165        | 0          | 32     | 32     |
| 2009 | 6     | 20  | 7    | 56     | 26     | 0.482     | 0.049     | 0.971 | 0.039     | 0.036     | 0         | 55.9 | 57.6 | 63.6 | 163        | 166        | 0          | 33     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 20  | 8    | 6      | 26     | 0.482     | 0.03      | 0.971 | 0.043     | 0.039     | 0         | 55.9 | 56.8 | 65.8 | 163        | 165        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 8    | 16     | 26     | 0.489     | 0.098     | 0.971 | 0.039     | 0.036     | 0         | 55.5 | 57.2 | 66.2 | 162        | 165        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 8    | 26     | 26     | 0.482     | -0.089    | 0.971 | 0.039     | 0.036     | 0         | 55.5 | 56.3 | 66.2 | 162        | 164        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 8    | 36     | 26     | 0.522     | 0.03      | 0.971 | 0.039     | 0.036     | 0         | 55.5 | 57.2 | 66.2 | 162        | 166        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 8    | 46     | 26     | 0.554     | -0.03     | 0.971 | 0.043     | 0.039     | 0         | 54.6 | 56.3 | 66.2 | 161        | 165        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 8    | 56     | 26     | 0.574     | -0.043    | 0.974 | 0.033     | 0.03      | 0         | 55.9 | 56.8 | 66.7 | 162        | 165        | 0          | 32     | 33     |
| 2009 | 6     | 20  | 9    | 6      | 26     | 0.456     | 0.007     | 0.971 | 0.043     | 0.039     | 0         | 55.5 | 56.8 | 66.7 | 162        | 165        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 9    | 16     | 26     | 0.518     | 0.016     | 0.974 | 0.039     | 0.036     | 0         | 55.5 | 56.8 | 67.1 | 162        | 165        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 9    | 26     | 26     | 0.528     | -0.013    | 0.974 | 0.039     | 0.036     | 0         | 55.5 | 56.8 | 66.2 | 162        | 165        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 9    | 36     | 26     | 0.502     | 0.01      | 0.971 | 0.039     | 0.039     | 0         | 56.3 | 57.2 | 66.2 | 164        | 166        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 9    | 46     | 26     | 0.499     | -0.075    | 0.971 | 0.039     | 0.039     | 0         | 56.3 | 56.8 | 66.2 | 164        | 166        | 0          | 33     | 34     |
| 2009 | 6     | 20  | 9    | 56     | 26     | 0.466     | 0.007     | 0.974 | 0.039     | 0.036     | 0         | 56.3 | 58   | 65.8 | 164        | 168        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 10   | 6      | 26     | 0.463     | 0.007     | 0.971 | 0.033     | 0.03      | 0         | 55.9 | 57.6 | 66.7 | 163        | 166        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 10   | 16     | 26     | 0.554     | 0.066     | 0.971 | 0.039     | 0.036     | 0         | 56.8 | 57.6 | 65.8 | 165        | 167        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 10   | 26     | 26     | 0.512     | 0.062     | 0.974 | 0.039     | 0.036     | 0         | 56.8 | 58.9 | 66.2 | 166        | 169        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 10   | 36     | 26     | 0.538     | 0.098     | 0.974 | 0.052     | 0.052     | 0         | 57.6 | 58.5 | 65.4 | 166        | 169        | 0          | 32     | 33     |
| 2009 | 6     | 20  | 10   | 46     | 26     | 0.417     | 0         | 0.974 | 0.033     | 0.03      | 0         | 57.6 | 58.9 | 65.8 | 167        | 169        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 10   | 56     | 26     | 0.482     | 0.026     | 0.974 | 0.033     | 0.03      | 0         | 57.6 | 58.9 | 65.4 | 167        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 11   | 6      | 26     | 0.495     | 0.095     | 0.974 | 0.039     | 0.036     | 0         | 58.5 | 59.8 | 65.8 | 169        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 11   | 16     | 26     | 0.535     | 0.056     | 0.974 | 0.039     | 0.039     | 0         | 57.6 | 59.3 | 64.9 | 167        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 11   | 26     | 26     | 0.479     | 0.049     | 0.974 | 0.036     | 0.033     | 0         | 59.8 | 61.1 | 63.6 | 171        | 175        | 0          | 32     | 33     |
| 2009 | 6     | 20  | 11   | 36     | 26     | 0.548     | 0.072     | 0.974 | 0.043     | 0.039     | 0         | 58.9 | 60.2 | 64.1 | 170        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 11   | 46     | 26     | 0.541     | 0.105     | 0.974 | 0.039     | 0.036     | 0         | 59.3 | 61.1 | 64.5 | 171        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 11   | 56     | 26     | 0.423     | 0.072     | 0.974 | 0.039     | 0.039     | 0         | 59.8 | 61.1 | 64.1 | 172        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 12   | 6      | 26     | 0.407     | 0.079     | 0.974 | 0.039     | 0.036     | 0         | 60.2 | 61.5 | 62.4 | 172        | 175        | 0          | 32     | 32     |
| 2009 | 6     | 20  | 12   | 16     | 26     | 0.466     | -0.01     | 0.978 | 0.039     | 0.036     | 0         | 60.6 | 61.5 | 62.8 | 172        | 176        | 0          | 31     | 33     |
| 2009 | 6     | 20  | 12   | 26     | 26     | 0.518     | 0.043     | 0.978 | 0.043     | 0.039     | 0         | 59.8 | 61.5 | 63.2 | 172        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 12   | 36     | 26     | 0.466     | 0         | 0.978 | 0.039     | 0.039     | 0         | 61.1 | 62.8 | 64.1 | 174        | 178        | 0          | 32     | 32     |
| 2009 | 6     | 20  | 12   | 46     | 26     | 0.456     | 0.092     | 0.978 | 0.033     | 0.03      | 0         | 60.6 | 61.9 | 63.6 | 174        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 12   | 56     | 26     | 0.574     | 0.085     | 0.978 | 0.039     | 0.036     | 0         | 60.6 | 62.4 | 61.9 | 175        | 177        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 13   | 6      | 26     | 0.512     | 0.098     | 0.978 | 0.039     | 0.036     | 0         | 61.5 | 63.2 | 61.1 | 175        | 179        | 0          | 32     | 32     |
| 2009 | 6     | 20  | 13   | 16     | 26     | 0.486     | 0.036     | 0.978 | 0.039     | 0.039     | 0         | 61.5 | 62.8 | 63.6 | 176        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 13   | 26     | 26     | 0.469     | 0.079     | 0.978 | 0.039     | 0.039     | 0         | 61.5 | 63.2 | 62.4 | 176        | 179        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 13   | 36     | 26     | 0.538     | 0.016     | 0.978 | 0.033     | 0.03      | 0         | 62.4 | 63.2 | 62.4 | 177        | 178        | 0          | 32     | 31     |
| 2009 | 6     | 20  | 13   | 46     | 26     | 0.561     | 0.098     | 0.978 | 0.039     | 0.036     | 0         | 61.9 | 63.2 | 62.8 | 176        | 179        | 0          | 32     | 32     |
| 2009 | 6     | 20  | 13   | 56     | 26     | 0.479     | 0.059     | 0.978 | 0.036     | 0.033     | 0         | 61.5 | 63.6 | 61.9 | 176        | 179        | 0          | 33     | 31     |
| 2009 | 6     | 20  | 14   | 6      | 26     | 0.518     | 0.115     | 0.978 | 0.039     | 0.036     | 0         | 62.8 | 64.1 | 60.2 | 178        | 180        | 0          | 32     | 31     |
| 2009 | 6     | 20  | 14   | 16     | 26     | 0.427     | 0.085     | 0.978 | 0.046     | 0.043     | 0         | 62.4 | 64.5 | 61.1 | 178        | 181        | 0          | 33     | 31     |
| 2009 | 6     | 20  | 14   | 26     | 26     | 0.617     | 0.046     | 0.978 | 0.033     | 0.03      | 0         | 62.4 | 64.1 | 61.5 | 177        | 181        | 0          | 32     | 32     |
| 2009 | 6     | 20  | 14   | 36     | 26     | 0.535     | 0.148     | 0.981 | 0.036     | 0.033     | 0         | 62.4 | 64.1 | 61.1 | 177        | 180        | 0          | 32     | 31     |
| 2009 | 6     | 20  | 14   | 46     | 26     | 0.456     | 0.105     | 0.978 | 0.033     | 0.03      | 0         | 62.8 | 64.1 | 61.9 | 178        | 180        | 0          | 32     | 31     |
| 2009 | 6     | 20  | 14   | 56     | 26     | 0.446     | 0.082     | 0.978 | 0.033     | 0.03      | 0         | 62.4 | 64.5 | 60.6 | 177        | 181        | 0          | 32     | 31     |
| 2009 | 6     | 20  | 15   | 6      | 26     | 0.472     | 0.007     | 0.978 | 0.039     | 0.036     | 0         | 60.6 | 62.8 | 62.8 | 173        | 177        | 0          | 32     | 31     |
| 2009 | 6     | 20  | 15   | 16     | 26     | 0.433     | 0.157     | 0.978 | 0.039     | 0.039     | 0         | 61.1 | 62.4 | 62.4 | 173        | 176        | 0          | 31     | 31     |
| 2009 | 6     | 20  | 15   | 26     | 26     | 0.492     | 0.19      | 0.978 | 0.033     | 0.03      | 0         | 58.9 | 61.1 | 63.2 | 170        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 15   | 36     | 26     | 0.499     | -0.007    | 0.981 | 0.036     | 0.033     | 0         | 61.1 | 62.4 | 61.5 | 174        | 177        | 0          | 32     | 32     |
| 2009 | 6     | 20  | 15   | 46     | 26     | 0.436     | 0.049     | 0.981 | 0.039     | 0.039     | 0         | 60.6 | 63.2 | 62.4 | 174        | 178        | 0          | 33     | 31     |
| 2009 | 6     | 20  | 15   | 56     | 26     | 0.528     | 0.056     | 0.978 | 0.039     | 0.036     | 0         | 61.1 | 62.8 | 61.1 | 174        | 178        | 0          | 32     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 20  | 16   | 6      | 26     | 0.528     | 0.092     | 0.978 | 0.039     | 0.039     | 0         | 59.3 | 61.5 | 62.4 | 171        | 174        | 0          | 33     | 31     |
| 2009 | 6     | 20  | 16   | 16     | 26     | 0.495     | 0.026     | 0.978 | 0.039     | 0.036     | 0         | 61.1 | 62.4 | 60.6 | 174        | 176        | 0          | 32     | 31     |
| 2009 | 6     | 20  | 16   | 26     | 26     | 0.531     | 0.03      | 0.978 | 0.046     | 0.043     | 0         | 61.1 | 61.1 | 59.3 | 173        | 174        | 0          | 31     | 32     |
| 2009 | 6     | 20  | 16   | 36     | 26     | 0.545     | 0.066     | 0.978 | 0.039     | 0.036     | 0         | 60.6 | 62.4 | 61.5 | 173        | 176        | 0          | 32     | 31     |
| 2009 | 6     | 20  | 16   | 46     | 26     | 0.486     | 0.069     | 0.978 | 0.039     | 0.036     | 0         | 60.6 | 62.8 | 59.8 | 174        | 177        | 0          | 33     | 31     |
| 2009 | 6     | 20  | 16   | 56     | 26     | 0.525     | 0.046     | 0.978 | 0.039     | 0.039     | 0         | 60.6 | 62.4 | 60.6 | 174        | 177        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 17   | 6      | 26     | 0.469     | -0.007    | 0.978 | 0.046     | 0.043     | 0         | 60.2 | 61.5 | 60.2 | 173        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 17   | 16     | 26     | 0.515     | 0.036     | 0.981 | 0.036     | 0.033     | 0         | 61.1 | 61.9 | 60.6 | 174        | 176        | 0          | 32     | 32     |
| 2009 | 6     | 20  | 17   | 26     | 26     | 0.479     | 0.075     | 0.981 | 0.039     | 0.036     | 0         | 59.8 | 60.6 | 62.8 | 171        | 173        | 0          | 32     | 32     |
| 2009 | 6     | 20  | 17   | 36     | 26     | 0.492     | 0.128     | 0.981 | 0.039     | 0.039     | 0         | 59.3 | 59.3 | 63.2 | 170        | 170        | 0          | 32     | 32     |
| 2009 | 6     | 20  | 17   | 46     | 26     | 0.528     | 0.075     | 0.981 | 0.039     | 0.036     | 0         | 58.5 | 59.3 | 63.6 | 168        | 170        | 0          | 32     | 32     |
| 2009 | 6     | 20  | 17   | 56     | 26     | 0.466     | 0.03      | 0.981 | 0.036     | 0.033     | 0         | 58.5 | 60.2 | 62.8 | 168        | 171        | 0          | 32     | 31     |
| 2009 | 6     | 20  | 18   | 6      | 26     | 0.486     | 0.033     | 0.981 | 0.039     | 0.039     | 0         | 58   | 59.3 | 63.2 | 167        | 170        | 0          | 32     | 32     |
| 2009 | 6     | 20  | 18   | 16     | 26     | 0.548     | -0.02     | 0.981 | 0.039     | 0.039     | 0         | 58.5 | 59.3 | 63.2 | 168        | 170        | 0          | 32     | 32     |
| 2009 | 6     | 20  | 18   | 26     | 26     | 0.535     | 0.092     | 0.978 | 0.039     | 0.039     | 0         | 57.6 | 59.3 | 63.6 | 167        | 170        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 18   | 36     | 26     | 0.479     | 0.036     | 0.981 | 0.033     | 0.03      | 0         | 58   | 60.2 | 63.2 | 167        | 171        | 0          | 32     | 31     |
| 2009 | 6     | 20  | 18   | 46     | 26     | 0.551     | 0.135     | 0.981 | 0.039     | 0.036     | 0         | 58   | 59.8 | 63.2 | 167        | 170        | 0          | 32     | 31     |
| 2009 | 6     | 20  | 18   | 56     | 26     | 0.479     | 0         | 0.981 | 0.043     | 0.039     | 0         | 57.6 | 58.9 | 64.1 | 166        | 169        | 0          | 32     | 32     |
| 2009 | 6     | 20  | 19   | 6      | 26     | 0.489     | -0.036    | 0.981 | 0.043     | 0.039     | 0         | 57.6 | 58.9 | 62.8 | 166        | 169        | 0          | 32     | 32     |
| 2009 | 6     | 20  | 19   | 16     | 26     | 0.495     | 0.066     | 0.981 | 0.039     | 0.036     | 0         | 58   | 58.9 | 63.2 | 167        | 169        | 0          | 32     | 32     |
| 2009 | 6     | 20  | 19   | 26     | 26     | 0.482     | 0.056     | 0.981 | 0.039     | 0.036     | 0         | 57.6 | 58.9 | 62.4 | 166        | 169        | 0          | 32     | 32     |
| 2009 | 6     | 20  | 19   | 36     | 26     | 0.472     | -0.02     | 0.981 | 0.036     | 0.033     | 0         | 57.6 | 60.2 | 62.4 | 167        | 171        | 0          | 33     | 31     |
| 2009 | 6     | 20  | 19   | 46     | 26     | 0.492     | 0.023     | 0.981 | 0.046     | 0.043     | 0         | 58   | 59.3 | 62.4 | 167        | 170        | 0          | 32     | 32     |
| 2009 | 6     | 20  | 19   | 56     | 26     | 0.548     | 0.033     | 0.981 | 0.039     | 0.039     | 0         | 57.6 | 59.3 | 63.2 | 167        | 170        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 20   | 6      | 26     | 0.522     | -0.003    | 0.981 | 0.039     | 0.039     | 0         | 57.2 | 58.9 | 62.4 | 167        | 169        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 20   | 16     | 26     | 0.558     | 0.03      | 0.981 | 0.046     | 0.046     | 0         | 58   | 58.9 | 62.8 | 167        | 169        | 0          | 32     | 32     |
| 2009 | 6     | 20  | 20   | 26     | 26     | 0.535     | 0.023     | 0.981 | 0.049     | 0.049     | 0         | 58   | 59.3 | 61.9 | 167        | 170        | 0          | 32     | 32     |
| 2009 | 6     | 20  | 20   | 36     | 26     | 0.499     | 0.043     | 0.981 | 0.039     | 0.036     | 0         | 58.5 | 59.8 | 61.1 | 168        | 171        | 0          | 32     | 32     |
| 2009 | 6     | 20  | 20   | 46     | 26     | 0.515     | 0.013     | 0.981 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 61.9 | 168        | 171        | 0          | 32     | 32     |
| 2009 | 6     | 20  | 20   | 56     | 26     | 0.509     | 0.036     | 0.981 | 0.046     | 0.043     | 0         | 58   | 59.3 | 62.4 | 168        | 170        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 21   | 6      | 26     | 0.446     | -0.052    | 0.981 | 0.036     | 0.033     | 0         | 57.6 | 59.3 | 61.9 | 167        | 170        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 21   | 16     | 26     | 0.568     | -0.026    | 0.981 | 0.043     | 0.039     | 0         | 57.6 | 59.3 | 61.5 | 167        | 169        | 0          | 33     | 31     |
| 2009 | 6     | 20  | 21   | 26     | 26     | 0.482     | 0.026     | 0.981 | 0.039     | 0.039     | 0         | 57.6 | 58.5 | 61.9 | 167        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 21   | 36     | 26     | 0.456     | 0.016     | 0.981 | 0.039     | 0.036     | 0         | 57.6 | 59.3 | 62.4 | 166        | 170        | 0          | 32     | 32     |
| 2009 | 6     | 20  | 21   | 46     | 26     | 0.512     | -0.003    | 0.981 | 0.033     | 0.03      | 0         | 56.8 | 58.5 | 62.8 | 166        | 168        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 21   | 56     | 26     | 0.433     | -0.043    | 0.984 | 0.043     | 0.039     | 0         | 57.6 | 58   | 62.4 | 166        | 168        | 0          | 32     | 33     |
| 2009 | 6     | 20  | 22   | 6      | 26     | 0.499     | 0.003     | 0.981 | 0.046     | 0.043     | 0         | 57.6 | 58.5 | 61.5 | 166        | 168        | 0          | 32     | 32     |
| 2009 | 6     | 20  | 22   | 16     | 26     | 0.489     | 0.049     | 0.984 | 0.039     | 0.039     | 0         | 58.5 | 60.6 | 59.3 | 169        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 22   | 26     | 26     | 0.472     | 0.01      | 0.984 | 0.039     | 0.039     | 0         | 58   | 59.8 | 60.2 | 168        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 22   | 36     | 26     | 0.489     | 0.016     | 0.984 | 0.039     | 0.036     | 0         | 57.6 | 58.9 | 60.6 | 167        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 22   | 46     | 26     | 0.522     | -0.092    | 0.984 | 0.036     | 0.033     | 0         | 58   | 59.3 | 60.6 | 168        | 170        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 22   | 56     | 26     | 0.453     | -0.01     | 0.984 | 0.046     | 0.043     | 0         | 58.9 | 60.6 | 60.2 | 169        | 172        | 0          | 32     | 31     |
| 2009 | 6     | 20  | 23   | 6      | 26     | 0.466     | -0.01     | 0.984 | 0.043     | 0.039     | 0         | 58.5 | 59.8 | 61.5 | 168        | 171        | 0          | 32     | 32     |
| 2009 | 6     | 20  | 23   | 16     | 26     | 0.535     | 0.039     | 0.988 | 0.039     | 0.039     | 0         | 58.5 | 60.2 | 59.8 | 169        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 23   | 26     | 26     | 0.492     | 0.016     | 0.984 | 0.033     | 0.03      | 0         | 58.5 | 59.3 | 60.2 | 168        | 171        | 0          | 32     | 33     |
| 2009 | 6     | 20  | 23   | 36     | 26     | 0.509     | -0.016    | 0.988 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 59.3 | 169        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 23   | 46     | 26     | 0.522     | -0.023    | 0.988 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 60.6 | 169        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 23   | 56     | 26     | 0.531     | -0.016    | 0.988 | 0.043     | 0.043     | 0         | 57.6 | 59.3 | 60.2 | 168        | 171        | 0          | 34     | 33     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 21  | 0    | 6      | 26     | 0.558     | -0.003    | 0.988 | 0.039     | 0.036     | 0         | 58.5 | 59.8 | 58.9 | 169        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 0    | 16     | 26     | 0.495     | -0.007    | 0.991 | 0.036     | 0.033     | 0         | 58   | 58.9 | 60.2 | 167        | 170        | 0          | 32     | 33     |
| 2009 | 6     | 21  | 0    | 26     | 26     | 0.459     | -0.052    | 0.988 | 0.039     | 0.036     | 0         | 57.6 | 59.8 | 59.8 | 168        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 0    | 36     | 26     | 0.479     | -0.069    | 0.991 | 0.039     | 0.039     | 0         | 58   | 59.3 | 61.1 | 168        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 0    | 46     | 26     | 0.505     | 0.039     | 0.991 | 0.039     | 0.039     | 0         | 58   | 59.3 | 61.5 | 168        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 0    | 56     | 26     | 0.476     | 0         | 0.994 | 0.039     | 0.036     | 0         | 58.5 | 59.3 | 61.1 | 169        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 1    | 6      | 26     | 0.515     | -0.007    | 0.991 | 0.043     | 0.039     | 0         | 57.6 | 59.3 | 60.6 | 167        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 1    | 16     | 26     | 0.472     | 0.007     | 0.991 | 0.039     | 0.036     | 0         | 57.2 | 58.9 | 61.5 | 167        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 1    | 26     | 26     | 0.466     | -0.056    | 0.994 | 0.039     | 0.036     | 0         | 58   | 59.3 | 61.9 | 168        | 170        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 1    | 36     | 26     | 0.482     | -0.023    | 0.994 | 0.039     | 0.036     | 0         | 58   | 59.3 | 61.9 | 169        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 1    | 46     | 26     | 0.535     | -0.049    | 0.994 | 0.039     | 0.036     | 0         | 57.6 | 59.3 | 61.5 | 168        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 1    | 56     | 26     | 0.436     | -0.066    | 0.994 | 0.036     | 0.033     | 0         | 57.6 | 59.3 | 62.4 | 167        | 170        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 2    | 6      | 26     | 0.558     | 0.003     | 0.994 | 0.039     | 0.039     | 0         | 58   | 58.9 | 61.9 | 168        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 2    | 16     | 26     | 0.499     | 0         | 0.994 | 0.043     | 0.039     | 0         | 57.6 | 58.9 | 61.5 | 167        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 2    | 26     | 26     | 0.525     | -0.023    | 0.994 | 0.039     | 0.036     | 0         | 57.6 | 58.9 | 61.9 | 167        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 2    | 36     | 26     | 0.499     | -0.049    | 0.994 | 0.039     | 0.036     | 0         | 57.6 | 58.9 | 62.4 | 167        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 2    | 46     | 26     | 0.459     | -0.023    | 0.994 | 0.039     | 0.036     | 0         | 56.8 | 58.9 | 62.8 | 166        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 2    | 56     | 26     | 0.453     | 0         | 0.994 | 0.039     | 0.036     | 0         | 57.6 | 58.9 | 63.2 | 167        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 3    | 6      | 26     | 0.495     | -0.085    | 0.994 | 0.036     | 0.033     | 0         | 57.2 | 59.3 | 62.8 | 166        | 170        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 3    | 16     | 26     | 0.531     | -0.033    | 0.994 | 0.039     | 0.036     | 0         | 57.2 | 58.5 | 63.2 | 166        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 3    | 26     | 26     | 0.502     | -0.016    | 0.994 | 0.036     | 0.033     | 0         | 57.2 | 58.5 | 62.4 | 166        | 170        | 0          | 33     | 34     |
| 2009 | 6     | 21  | 3    | 36     | 26     | 0.538     | -0.085    | 0.994 | 0.039     | 0.036     | 0         | 56.8 | 58.5 | 64.1 | 165        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 3    | 46     | 26     | 0.564     | -0.007    | 0.994 | 0.036     | 0.033     | 0         | 56.8 | 58   | 63.6 | 165        | 168        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 3    | 56     | 26     | 0.518     | -0.062    | 0.994 | 0.043     | 0.039     | 0         | 56.8 | 57.6 | 64.1 | 165        | 168        | 0          | 33     | 34     |
| 2009 | 6     | 21  | 4    | 6      | 26     | 0.486     | -0.033    | 0.994 | 0.039     | 0.039     | 0         | 56.3 | 58   | 63.6 | 165        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 4    | 16     | 26     | 0.472     | -0.043    | 0.994 | 0.039     | 0.039     | 0         | 56.8 | 58   | 63.6 | 165        | 168        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 4    | 26     | 26     | 0.489     | -0.043    | 0.994 | 0.039     | 0.039     | 0         | 57.2 | 58.9 | 63.2 | 166        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 4    | 36     | 26     | 0.472     | -0.052    | 0.994 | 0.039     | 0.039     | 0         | 57.6 | 59.3 | 62.4 | 167        | 170        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 4    | 46     | 26     | 0.525     | 0.023     | 0.994 | 0.039     | 0.036     | 0         | 57.2 | 58.5 | 62.8 | 166        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 4    | 56     | 26     | 0.476     | -0.039    | 0.994 | 0.036     | 0.033     | 0         | 57.2 | 58.9 | 62.8 | 167        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 5    | 6      | 26     | 0.469     | -0.039    | 0.994 | 0.039     | 0.036     | 0         | 57.2 | 58.9 | 62.8 | 167        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 5    | 16     | 26     | 0.463     | -0.033    | 0.994 | 0.036     | 0.033     | 0         | 56.3 | 58.5 | 62.8 | 165        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 5    | 26     | 26     | 0.446     | -0.003    | 0.994 | 0.039     | 0.039     | 0         | 55.9 | 58   | 64.5 | 164        | 168        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 5    | 36     | 26     | 0.449     | -0.033    | 0.994 | 0.036     | 0.033     | 0         | 55.9 | 57.6 | 64.9 | 163        | 167        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 5    | 46     | 26     | 0.446     | 0.056     | 0.994 | 0.039     | 0.036     | 0         | 55.9 | 56.8 | 65.4 | 163        | 166        | 0          | 33     | 34     |
| 2009 | 6     | 21  | 5    | 56     | 26     | 0.482     | -0.026    | 0.994 | 0.039     | 0.039     | 0         | 55.9 | 56.8 | 64.9 | 163        | 166        | 0          | 33     | 34     |
| 2009 | 6     | 21  | 6    | 6      | 26     | 0.531     | -0.026    | 0.994 | 0.036     | 0.033     | 0         | 55.5 | 56.8 | 66.2 | 162        | 165        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 6    | 16     | 26     | 0.479     | -0.082    | 0.994 | 0.039     | 0.039     | 0         | 55   | 56.8 | 66.2 | 161        | 165        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 6    | 26     | 26     | 0.525     | -0.016    | 0.994 | 0.039     | 0.036     | 0         | 54.6 | 56.8 | 67.5 | 161        | 165        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 6    | 36     | 26     | 0.489     | -0.043    | 0.994 | 0.039     | 0.036     | 0         | 55   | 56.3 | 67.1 | 161        | 164        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 6    | 46     | 26     | 0.528     | -0.069    | 0.994 | 0.033     | 0.03      | 0         | 55   | 57.2 | 65.8 | 162        | 166        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 6    | 56     | 26     | 0.538     | 0.01      | 0.994 | 0.039     | 0.039     | 0         | 54.6 | 56.8 | 66.2 | 161        | 165        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 7    | 6      | 26     | 0.522     | -0.016    | 0.994 | 0.043     | 0.039     | 0         | 55   | 57.2 | 66.7 | 162        | 166        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 7    | 16     | 26     | 0.489     | -0.043    | 0.994 | 0.043     | 0.039     | 0         | 54.6 | 55.9 | 67.5 | 161        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 7    | 26     | 26     | 0.509     | 0.007     | 0.994 | 0.039     | 0.039     | 0         | 55   | 56.8 | 66.7 | 162        | 165        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 7    | 36     | 26     | 0.489     | -0.033    | 0.994 | 0.039     | 0.036     | 0         | 55   | 55.9 | 67.5 | 161        | 164        | 0          | 33     | 34     |
| 2009 | 6     | 21  | 7    | 46     | 26     | 0.453     | -0.023    | 0.994 | 0.036     | 0.033     | 0         | 54.2 | 55.5 | 66.7 | 160        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 7    | 56     | 26     | 0.499     | -0.026    | 0.994 | 0.039     | 0.039     | 0         | 55   | 56.8 | 66.2 | 161        | 165        | 0          | 33     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 21  | 8    | 6      | 26     | 0.515     | -0.026    | 0.994 | 0.043     | 0.039     | 0         | 54.2 | 55.9 | 67.5 | 160        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 8    | 16     | 26     | 0.463     | 0.066     | 0.994 | 0.033     | 0.03      | 0         | 54.2 | 55.9 | 67.1 | 160        | 163        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 8    | 26     | 26     | 0.522     | -0.003    | 0.994 | 0.036     | 0.033     | 0         | 53.8 | 55.5 | 66.7 | 159        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 8    | 36     | 26     | 0.499     | 0.007     | 0.994 | 0.049     | 0.046     | 0         | 54.2 | 55.5 | 66.7 | 159        | 163        | 0          | 33     | 34     |
| 2009 | 6     | 21  | 8    | 46     | 26     | 0.509     | -0.049    | 0.994 | 0.036     | 0.033     | 0         | 53.8 | 55.9 | 67.1 | 159        | 163        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 8    | 56     | 26     | 0.535     | 0.01      | 0.994 | 0.036     | 0.033     | 0         | 54.2 | 55.9 | 67.1 | 160        | 163        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 9    | 6      | 26     | 0.44      | -0.049    | 0.994 | 0.039     | 0.039     | 0         | 55   | 56.3 | 67.1 | 160        | 164        | 0          | 32     | 33     |
| 2009 | 6     | 21  | 9    | 16     | 26     | 0.476     | -0.023    | 0.994 | 0.039     | 0.036     | 0         | 54.6 | 56.3 | 67.1 | 161        | 164        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 9    | 26     | 26     | 0.505     | 0.02      | 0.994 | 0.036     | 0.033     | 0         | 55   | 56.8 | 66.2 | 162        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 9    | 36     | 26     | 0.518     | 0.01      | 0.994 | 0.033     | 0.03      | 0         | 54.2 | 55.5 | 66.7 | 160        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 9    | 46     | 26     | 0.528     | -0.02     | 0.994 | 0.039     | 0.036     | 0         | 54.6 | 55.9 | 66.2 | 161        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 9    | 56     | 26     | 0.541     | 0.003     | 0.994 | 0.046     | 0.043     | 0         | 55.9 | 57.2 | 65.8 | 163        | 166        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 10   | 6      | 26     | 0.522     | -0.039    | 0.994 | 0.039     | 0.039     | 0         | 55.9 | 57.2 | 64.1 | 164        | 166        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 10   | 16     | 26     | 0.522     | 0.056     | 0.994 | 0.039     | 0.039     | 0         | 55.9 | 57.6 | 64.9 | 163        | 165        | 0          | 33     | 31     |
| 2009 | 6     | 21  | 10   | 26     | 26     | 0.499     | 0.039     | 0.994 | 0.039     | 0.039     | 0         | 55.9 | 57.2 | 64.5 | 164        | 166        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 10   | 36     | 26     | 0.404     | -0.003    | 0.994 | 0.039     | 0.039     | 0         | 56.3 | 57.2 | 64.5 | 164        | 166        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 10   | 46     | 26     | 0.463     | 0.062     | 0.994 | 0.046     | 0.043     | 0         | 55.9 | 57.6 | 64.5 | 163        | 167        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 10   | 56     | 26     | 0.535     | -0.059    | 0.991 | 0.039     | 0.039     | 0         | 56.3 | 58   | 63.2 | 164        | 168        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 11   | 6      | 26     | 0.472     | 0.062     | 0.991 | 0.036     | 0.033     | 0         | 57.2 | 58.9 | 62.4 | 166        | 169        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 11   | 16     | 26     | 0.551     | 0.085     | 0.988 | 0.046     | 0.043     | 0         | 57.6 | 58.5 | 62.8 | 167        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 11   | 26     | 26     | 0.469     | 0.059     | 0.988 | 0.043     | 0.039     | 0         | 57.6 | 58.9 | 62.8 | 168        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 11   | 36     | 26     | 0.453     | 0.069     | 0.988 | 0.036     | 0.033     | 0         | 58   | 59.8 | 62.8 | 168        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 11   | 46     | 26     | 0.466     | 0.043     | 0.988 | 0.039     | 0.039     | 0         | 58.9 | 59.8 | 61.5 | 170        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 11   | 56     | 26     | 0.509     | 0.03      | 0.988 | 0.036     | 0.033     | 0         | 59.3 | 60.6 | 61.5 | 171        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 12   | 6      | 26     | 0.525     | 0.118     | 0.984 | 0.039     | 0.036     | 0         | 59.8 | 61.1 | 62.4 | 171        | 174        | 0          | 32     | 32     |
| 2009 | 6     | 21  | 12   | 16     | 26     | 0.518     | 0.135     | 0.984 | 0.049     | 0.046     | 0         | 59.3 | 61.1 | 61.5 | 171        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 12   | 26     | 26     | 0.476     | 0.112     | 0.984 | 0.043     | 0.039     | 0         | 59.8 | 61.1 | 61.9 | 172        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 12   | 36     | 26     | 0.466     | 0.082     | 0.984 | 0.036     | 0.033     | 0         | 60.2 | 61.9 | 61.5 | 173        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 12   | 46     | 26     | 0.459     | 0.085     | 0.984 | 0.036     | 0.033     | 0         | 61.1 | 61.9 | 60.2 | 174        | 176        | 0          | 32     | 32     |
| 2009 | 6     | 21  | 12   | 56     | 26     | 0.469     | 0.079     | 0.981 | 0.039     | 0.036     | 0         | 60.6 | 61.9 | 61.5 | 174        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 13   | 6      | 26     | 0.499     | 0.082     | 0.981 | 0.039     | 0.039     | 0         | 60.6 | 61.9 | 61.5 | 173        | 176        | 0          | 32     | 32     |
| 2009 | 6     | 21  | 13   | 16     | 26     | 0.413     | 0.039     | 0.981 | 0.033     | 0.03      | 0         | 60.2 | 61.9 | 61.9 | 173        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 13   | 26     | 26     | 0.495     | 0.069     | 0.981 | 0.036     | 0.033     | 0         | 61.1 | 62.4 | 61.5 | 174        | 177        | 0          | 32     | 32     |
| 2009 | 6     | 21  | 13   | 36     | 26     | 0.492     | 0.079     | 0.981 | 0.043     | 0.039     | 0         | 60.6 | 62.8 | 61.1 | 174        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 13   | 46     | 26     | 0.548     | 0.056     | 0.981 | 0.039     | 0.036     | 0         | 60.6 | 62.4 | 61.1 | 174        | 177        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 13   | 56     | 26     | 0.443     | 0.102     | 0.981 | 0.039     | 0.039     | 0         | 61.1 | 62.4 | 61.5 | 174        | 177        | 0          | 32     | 32     |
| 2009 | 6     | 21  | 14   | 6      | 26     | 0.443     | 0.089     | 0.981 | 0.039     | 0.036     | 0         | 60.6 | 61.9 | 61.1 | 174        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 14   | 16     | 26     | 0.518     | 0.056     | 0.981 | 0.033     | 0.03      | 0         | 60.6 | 61.9 | 61.5 | 174        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 14   | 26     | 26     | 0.42      | 0.016     | 0.981 | 0.033     | 0.03      | 0         | 60.6 | 62.4 | 61.9 | 174        | 177        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 14   | 36     | 26     | 0.367     | 0.128     | 0.981 | 0.039     | 0.039     | 0         | 61.1 | 61.5 | 61.9 | 174        | 176        | 0          | 32     | 33     |
| 2009 | 6     | 21  | 14   | 46     | 26     | 0.449     | 0.052     | 0.981 | 0.03      | 0.03      | 0         | 60.6 | 62.8 | 62.4 | 174        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 14   | 56     | 26     | 0.469     | 0.072     | 0.981 | 0.036     | 0.033     | 0         | 60.2 | 62.4 | 61.5 | 173        | 176        | 0          | 33     | 31     |
| 2009 | 6     | 21  | 15   | 6      | 26     | 0.515     | 0.016     | 0.981 | 0.039     | 0.036     | 0         | 60.6 | 61.9 | 62.4 | 174        | 175        | 0          | 33     | 31     |
| 2009 | 6     | 21  | 15   | 16     | 26     | 0.466     | 0.102     | 0.981 | 0.039     | 0.036     | 0         | 60.6 | 62.4 | 61.9 | 173        | 176        | 0          | 32     | 31     |
| 2009 | 6     | 21  | 15   | 26     | 26     | 0.42      | 0.095     | 0.981 | 0.043     | 0.039     | 0         | 60.6 | 61.9 | 62.4 | 172        | 175        | 0          | 31     | 31     |
| 2009 | 6     | 21  | 15   | 36     | 26     | 0.479     | 0.092     | 0.981 | 0.036     | 0.033     | 0         | 60.6 | 61.9 | 61.9 | 173        | 176        | 0          | 32     | 32     |
| 2009 | 6     | 21  | 15   | 46     | 26     | 0.472     | 0.161     | 0.981 | 0.036     | 0.033     | 0         | 60.2 | 61.9 | 62.8 | 172        | 175        | 0          | 32     | 31     |
| 2009 | 6     | 21  | 15   | 56     | 26     | 0.43      | 0.148     | 0.981 | 0.036     | 0.033     | 0         | 60.2 | 61.5 | 62.8 | 172        | 175        | 0          | 32     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 21  | 16   | 6      | 26     | 0.505     | 0.072     | 0.978 | 0.039     | 0.039     | 0         | 59.8 | 61.5 | 63.2 | 171        | 175        | 0          | 32     | 32     |
| 2009 | 6     | 21  | 16   | 16     | 26     | 0.479     | 0.089     | 0.978 | 0.036     | 0.033     | 0         | 60.2 | 60.6 | 62.8 | 172        | 173        | 0          | 32     | 32     |
| 2009 | 6     | 21  | 16   | 26     | 26     | 0.39      | 0.098     | 0.978 | 0.046     | 0.043     | 0         | 59.8 | 61.5 | 61.9 | 172        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 16   | 36     | 26     | 0.44      | 0.092     | 0.978 | 0.039     | 0.036     | 0         | 59.3 | 60.6 | 63.6 | 170        | 172        | 0          | 32     | 31     |
| 2009 | 6     | 21  | 16   | 46     | 26     | 0.472     | 0.075     | 0.978 | 0.036     | 0.033     | 0         | 58.9 | 61.1 | 63.6 | 170        | 173        | 0          | 33     | 31     |
| 2009 | 6     | 21  | 16   | 56     | 26     | 0.433     | 0.098     | 0.978 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 63.2 | 170        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 17   | 6      | 26     | 0.449     | 0.02      | 0.978 | 0.039     | 0.036     | 0         | 58.9 | 59.8 | 64.1 | 170        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 17   | 16     | 26     | 0.39      | 0.105     | 0.978 | 0.043     | 0.039     | 0         | 58.5 | 59.8 | 64.1 | 169        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 17   | 26     | 26     | 0.453     | 0.069     | 0.978 | 0.036     | 0.033     | 0         | 58   | 59.3 | 64.5 | 167        | 170        | 0          | 32     | 32     |
| 2009 | 6     | 21  | 17   | 36     | 26     | 0.463     | 0.138     | 0.978 | 0.036     | 0.033     | 0         | 57.6 | 59.3 | 64.1 | 167        | 170        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 17   | 46     | 26     | 0.466     | 0.046     | 0.978 | 0.039     | 0.039     | 0         | 57.6 | 58.9 | 64.5 | 167        | 169        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 17   | 56     | 26     | 0.39      | 0.072     | 0.978 | 0.039     | 0.036     | 0         | 57.6 | 58.5 | 64.9 | 166        | 168        | 0          | 32     | 32     |
| 2009 | 6     | 21  | 18   | 6      | 26     | 0.41      | 0.098     | 0.978 | 0.043     | 0.039     | 0         | 57.6 | 58.9 | 64.9 | 166        | 169        | 0          | 32     | 32     |
| 2009 | 6     | 21  | 18   | 16     | 26     | 0.446     | 0.079     | 0.978 | 0.039     | 0.039     | 0         | 57.2 | 58.9 | 65.4 | 165        | 168        | 0          | 32     | 31     |
| 2009 | 6     | 21  | 18   | 26     | 26     | 0.449     | 0.187     | 0.978 | 0.039     | 0.039     | 0         | 57.2 | 58.9 | 65.8 | 166        | 169        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 18   | 36     | 26     | 0.449     | 0.066     | 0.978 | 0.036     | 0.033     | 0         | 57.2 | 58.5 | 64.9 | 166        | 168        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 18   | 46     | 26     | 0.436     | 0.056     | 0.978 | 0.039     | 0.036     | 0         | 57.2 | 59.3 | 65.8 | 166        | 169        | 0          | 33     | 31     |
| 2009 | 6     | 21  | 18   | 56     | 26     | 0.499     | 0.118     | 0.974 | 0.039     | 0.039     | 0         | 56.8 | 58.5 | 64.9 | 165        | 168        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 19   | 6      | 26     | 0.43      | 0.046     | 0.978 | 0.046     | 0.043     | 0         | 56.8 | 58   | 65.8 | 165        | 167        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 19   | 16     | 26     | 0.463     | 0.056     | 0.978 | 0.033     | 0.03      | 0         | 57.2 | 58   | 65.4 | 165        | 167        | 0          | 32     | 32     |
| 2009 | 6     | 21  | 19   | 26     | 26     | 0.512     | 0.043     | 0.978 | 0.043     | 0.039     | 0         | 57.2 | 58.9 | 65.4 | 165        | 168        | 0          | 32     | 31     |
| 2009 | 6     | 21  | 19   | 36     | 26     | 0.489     | 0.033     | 0.974 | 0.039     | 0.036     | 0         | 56.8 | 58.5 | 66.2 | 165        | 168        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 19   | 46     | 26     | 0.568     | 0.033     | 0.978 | 0.039     | 0.036     | 0         | 56.8 | 58   | 65.8 | 165        | 167        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 19   | 56     | 26     | 0.449     | 0.033     | 0.974 | 0.039     | 0.039     | 0         | 56.8 | 58.5 | 65.8 | 165        | 168        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 20   | 6      | 26     | 0.505     | 0.026     | 0.974 | 0.039     | 0.036     | 0         | 56.8 | 58.5 | 65.4 | 165        | 167        | 0          | 33     | 31     |
| 2009 | 6     | 21  | 20   | 16     | 26     | 0.39      | 0.072     | 0.974 | 0.039     | 0.036     | 0         | 57.6 | 58.5 | 64.9 | 166        | 168        | 0          | 32     | 32     |
| 2009 | 6     | 21  | 20   | 26     | 26     | 0.505     | 0.003     | 0.974 | 0.036     | 0.033     | 0         | 57.6 | 58.5 | 64.9 | 166        | 168        | 0          | 32     | 32     |
| 2009 | 6     | 21  | 20   | 36     | 26     | 0.489     | -0.003    | 0.974 | 0.043     | 0.039     | 0         | 57.6 | 58.5 | 64.5 | 166        | 168        | 0          | 32     | 32     |
| 2009 | 6     | 21  | 20   | 46     | 26     | 0.44      | -0.003    | 0.974 | 0.039     | 0.036     | 0         | 57.6 | 58.9 | 65.4 | 166        | 169        | 0          | 32     | 32     |
| 2009 | 6     | 21  | 20   | 56     | 26     | 0.41      | 0.013     | 0.974 | 0.036     | 0.033     | 0         | 57.6 | 58.9 | 64.1 | 166        | 169        | 0          | 32     | 32     |
| 2009 | 6     | 21  | 21   | 6      | 26     | 0.509     | -0.013    | 0.974 | 0.036     | 0.033     | 0         | 56.8 | 58.9 | 64.5 | 165        | 169        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 21   | 16     | 26     | 0.456     | 0.023     | 0.978 | 0.043     | 0.039     | 0         | 56.8 | 58.5 | 64.9 | 165        | 168        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 21   | 26     | 26     | 0.384     | 0.072     | 0.974 | 0.043     | 0.039     | 0         | 57.6 | 58.5 | 64.1 | 166        | 168        | 0          | 32     | 32     |
| 2009 | 6     | 21  | 21   | 36     | 26     | 0.505     | 0         | 0.978 | 0.036     | 0.033     | 0         | 57.6 | 59.3 | 64.1 | 167        | 170        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 21   | 46     | 26     | 0.463     | 0.056     | 0.978 | 0.043     | 0.039     | 0         | 58.5 | 59.8 | 63.2 | 169        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 21   | 56     | 26     | 0.44      | -0.02     | 0.978 | 0.039     | 0.036     | 0         | 58   | 59.3 | 62.8 | 168        | 170        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 22   | 6      | 26     | 0.486     | 0.046     | 0.978 | 0.039     | 0.039     | 0         | 59.3 | 60.2 | 61.9 | 170        | 172        | 0          | 32     | 32     |
| 2009 | 6     | 21  | 22   | 16     | 26     | 0.427     | 0.003     | 0.978 | 0.036     | 0.033     | 0         | 58.9 | 59.8 | 63.2 | 169        | 171        | 0          | 32     | 32     |
| 2009 | 6     | 21  | 22   | 26     | 26     | 0.581     | -0.003    | 0.978 | 0.039     | 0.036     | 0         | 58   | 58.9 | 62.8 | 168        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 22   | 36     | 26     | 0.436     | 0.033     | 0.978 | 0.039     | 0.039     | 0         | 58   | 59.8 | 62.8 | 168        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 22   | 46     | 26     | 0.417     | 0.013     | 0.978 | 0.039     | 0.036     | 0         | 58   | 58.9 | 62.8 | 168        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 22   | 56     | 26     | 0.528     | -0.046    | 0.978 | 0.039     | 0.039     | 0         | 58   | 59.3 | 62.4 | 168        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 23   | 6      | 26     | 0.574     | 0.033     | 0.978 | 0.039     | 0.036     | 0         | 57.6 | 59.8 | 61.5 | 168        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 23   | 16     | 26     | 0.486     | -0.043    | 0.978 | 0.036     | 0.033     | 0         | 58   | 59.8 | 61.9 | 168        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 23   | 26     | 26     | 0.558     | 0.052     | 0.978 | 0.039     | 0.036     | 0         | 58   | 59.3 | 61.1 | 168        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 23   | 36     | 26     | 0.515     | 0         | 0.978 | 0.039     | 0.039     | 0         | 58.5 | 59.8 | 61.5 | 169        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 23   | 46     | 26     | 0.456     | -0.023    | 0.978 | 0.036     | 0.033     | 0         | 58.5 | 59.8 | 60.2 | 168        | 172        | 0          | 32     | 33     |
| 2009 | 6     | 21  | 23   | 56     | 26     | 0.518     | -0.02     | 0.981 | 0.049     | 0.046     | 0         | 57.2 | 58.9 | 61.1 | 167        | 170        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 22  | 0    | 6      | 26     | 0.535     | 0.016     | 0.981 | 0.039     | 0.039     | 0         | 58.5 | 59.8 | 61.1 | 169        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 0    | 16     | 26     | 0.443     | 0.013     | 0.981 | 0.043     | 0.043     | 0         | 58.5 | 60.2 | 60.6 | 169        | 172        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 0    | 26     | 26     | 0.492     | -0.069    | 0.981 | 0.036     | 0.033     | 0         | 58.5 | 59.8 | 60.6 | 169        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 0    | 36     | 26     | 0.568     | -0.003    | 0.984 | 0.049     | 0.049     | 0         | 58   | 59.8 | 60.6 | 168        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 0    | 46     | 26     | 0.443     | 0.066     | 0.984 | 0.039     | 0.036     | 0         | 58.9 | 59.8 | 60.6 | 169        | 171        | 0          | 32     | 32     |
| 2009 | 6     | 22  | 0    | 56     | 26     | 0.492     | -0.003    | 0.984 | 0.039     | 0.039     | 0         | 58   | 59.8 | 61.1 | 168        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 1    | 6      | 26     | 0.525     | 0.01      | 0.984 | 0.039     | 0.039     | 0         | 58   | 58.9 | 60.2 | 168        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 1    | 16     | 26     | 0.525     | -0.026    | 0.984 | 0.033     | 0.03      | 0         | 58   | 59.8 | 59.3 | 168        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 1    | 26     | 26     | 0.479     | -0.052    | 0.984 | 0.039     | 0.039     | 0         | 58.5 | 59.8 | 59.8 | 169        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 1    | 36     | 26     | 0.479     | -0.01     | 0.984 | 0.039     | 0.036     | 0         | 58.5 | 59.8 | 60.2 | 169        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 1    | 46     | 26     | 0.443     | -0.039    | 0.984 | 0.039     | 0.039     | 0         | 58.5 | 60.2 | 58.9 | 169        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 1    | 56     | 26     | 0.482     | -0.03     | 0.984 | 0.039     | 0.036     | 0         | 58.9 | 60.2 | 58.5 | 170        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 2    | 6      | 26     | 0.522     | 0.082     | 0.981 | 0.036     | 0.033     | 0         | 59.3 | 60.6 | 57.6 | 171        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 2    | 16     | 26     | 0.545     | 0         | 0.981 | 0.039     | 0.039     | 0         | 60.2 | 61.5 | 55.9 | 174        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 2    | 26     | 26     | 0.446     | 0.003     | 0.981 | 0.033     | 0.03      | 0         | 60.2 | 60.6 | 56.3 | 172        | 175        | 0          | 32     | 34     |
| 2009 | 6     | 22  | 2    | 36     | 26     | 0.492     | 0.007     | 0.984 | 0.039     | 0.036     | 0         | 59.3 | 61.1 | 58   | 172        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 2    | 46     | 26     | 0.499     | 0.013     | 0.984 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 57.6 | 171        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 2    | 56     | 26     | 0.482     | 0.089     | 0.984 | 0.039     | 0.039     | 0         | 58.9 | 60.2 | 59.3 | 170        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 3    | 6      | 26     | 0.489     | -0.003    | 0.981 | 0.039     | 0.036     | 0         | 59.3 | 60.2 | 58.9 | 171        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 3    | 16     | 26     | 0.509     | 0.056     | 0.984 | 0.039     | 0.036     | 0         | 58   | 59.8 | 58.9 | 169        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 3    | 26     | 26     | 0.505     | -0.036    | 0.981 | 0.036     | 0.033     | 0         | 58   | 59.8 | 59.8 | 169        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 3    | 36     | 26     | 0.512     | 0.01      | 0.981 | 0.033     | 0.03      | 0         | 58   | 59.8 | 59.3 | 169        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 3    | 46     | 26     | 0.489     | 0.003     | 0.984 | 0.039     | 0.036     | 0         | 58   | 59.8 | 59.8 | 169        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 3    | 56     | 26     | 0.505     | 0.059     | 0.981 | 0.036     | 0.033     | 0         | 57.6 | 59.3 | 57.6 | 168        | 172        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 4    | 6      | 26     | 0.459     | 0.046     | 0.984 | 0.039     | 0.039     | 0         | 58.5 | 59.8 | 57.6 | 170        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 4    | 16     | 26     | 0.482     | -0.092    | 0.981 | 0.039     | 0.039     | 0         | 58.5 | 60.2 | 58   | 169        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 4    | 26     | 26     | 0.453     | 0.033     | 0.981 | 0.039     | 0.039     | 0         | 58   | 60.2 | 58.5 | 169        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 4    | 36     | 26     | 0.505     | 0.01      | 0.981 | 0.039     | 0.036     | 0         | 58.5 | 60.2 | 58.5 | 170        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 4    | 46     | 26     | 0.515     | 0.092     | 0.981 | 0.039     | 0.039     | 0         | 58.9 | 60.2 | 58.5 | 170        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 4    | 56     | 26     | 0.476     | -0.023    | 0.981 | 0.036     | 0.033     | 0         | 58   | 59.3 | 58.5 | 169        | 172        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 5    | 6      | 26     | 0.492     | 0         | 0.981 | 0.036     | 0.033     | 0         | 57.6 | 59.8 | 58   | 168        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 5    | 16     | 26     | 0.459     | 0.033     | 0.981 | 0.039     | 0.036     | 0         | 58   | 58.9 | 58.5 | 168        | 171        | 0          | 33     | 34     |
| 2009 | 6     | 22  | 5    | 26     | 26     | 0.476     | -0.072    | 0.981 | 0.036     | 0.033     | 0         | 57.6 | 58.9 | 60.2 | 167        | 171        | 0          | 33     | 34     |
| 2009 | 6     | 22  | 5    | 36     | 26     | 0.495     | 0.013     | 0.981 | 0.036     | 0.033     | 0         | 57.2 | 58.9 | 58.5 | 167        | 171        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 5    | 46     | 26     | 0.459     | 0.046     | 0.981 | 0.033     | 0.03      | 0         | 57.6 | 58.5 | 58.9 | 167        | 170        | 0          | 33     | 34     |
| 2009 | 6     | 22  | 5    | 56     | 26     | 0.453     | 0.007     | 0.981 | 0.039     | 0.036     | 0         | 57.2 | 58   | 61.5 | 166        | 169        | 0          | 33     | 34     |
| 2009 | 6     | 22  | 6    | 6      | 26     | 0.577     | -0.036    | 0.981 | 0.039     | 0.039     | 0         | 57.2 | 58.9 | 60.2 | 166        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 6    | 16     | 26     | 0.554     | 0.046     | 0.981 | 0.036     | 0.033     | 0         | 57.2 | 58.5 | 60.6 | 166        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 6    | 26     | 26     | 0.486     | -0.023    | 0.981 | 0.039     | 0.039     | 0         | 56.8 | 58   | 60.2 | 166        | 168        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 6    | 36     | 26     | 0.518     | 0.03      | 0.981 | 0.039     | 0.036     | 0         | 55.9 | 58   | 60.2 | 164        | 168        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 6    | 46     | 26     | 0.44      | -0.016    | 0.981 | 0.039     | 0.036     | 0         | 56.8 | 57.6 | 61.5 | 165        | 168        | 0          | 33     | 34     |
| 2009 | 6     | 22  | 6    | 56     | 26     | 0.427     | 0.026     | 0.978 | 0.033     | 0.03      | 0         | 56.3 | 57.6 | 61.5 | 164        | 168        | 0          | 33     | 34     |
| 2009 | 6     | 22  | 7    | 6      | 26     | 0.404     | -0.013    | 0.978 | 0.036     | 0.033     | 0         | 56.8 | 58   | 59.3 | 166        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 7    | 16     | 26     | 0.515     | -0.026    | 0.978 | 0.033     | 0.03      | 0         | 56.3 | 57.6 | 60.6 | 165        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 7    | 26     | 26     | 0.492     | 0.013     | 0.978 | 0.039     | 0.036     | 0         | 56.3 | 57.6 | 61.1 | 164        | 168        | 0          | 33     | 34     |
| 2009 | 6     | 22  | 7    | 36     | 26     | 0.404     | -0.056    | 0.981 | 0.039     | 0.036     | 0         | 56.3 | 57.2 | 61.1 | 164        | 167        | 0          | 33     | 34     |
| 2009 | 6     | 22  | 7    | 46     | 26     | 0.577     | 0.039     | 0.974 | 0.039     | 0.036     | 0         | 56.3 | 57.6 | 61.1 | 165        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 7    | 56     | 26     | 0.41      | 0.056     | 0.968 | 0.046     | 0.043     | 0         | 55.9 | 57.6 | 62.8 | 164        | 168        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 22  | 8    | 6      | 26     | 0.574     | 0.036     | 0.978 | 0.036     | 0.033     | 0         | 57.2 | 58.5 | 61.1 | 166        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 8    | 16     | 26     | 0.469     | 0         | 0.981 | 0.043     | 0.039     | 0         | 71.4 | 73.5 | 40.9 | 200        | 204        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 8    | 26     | 26     | 0.433     | 0.043     | 0.984 | 0.039     | 0.036     | 0         | 74   | 76.1 | 39.6 | 206        | 210        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 8    | 36     | 26     | 0.499     | -0.016    | 0.978 | 0.046     | 0.043     | 0         | 74   | 76.1 | 39.6 | 206        | 210        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 8    | 46     | 26     | 0.525     | 0.112     | 0.984 | 0.039     | 0.039     | 0         | 77   | 78.7 | 36.5 | 213        | 216        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 8    | 56     | 26     | 0.482     | 0.003     | 0.974 | 0.043     | 0.039     | 0         | 76.1 | 78.3 | 37   | 211        | 215        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 9    | 6      | 26     | 0.509     | -0.01     | 0.981 | 0.039     | 0.039     | 0         | 77.8 | 78.7 | 35.7 | 214        | 217        | 0          | 33     | 34     |
| 2009 | 6     | 22  | 9    | 16     | 26     | 0.459     | 0.082     | 0.984 | 0.046     | 0.043     | 0         | 78.7 | 80   | 34.8 | 216        | 219        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 9    | 26     | 26     | 0.541     | 0.023     | 0.984 | 0.039     | 0.036     | 0         | 76.1 | 78.3 | 37.8 | 211        | 215        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 9    | 36     | 26     | 0.456     | 0.125     | 0.971 | 0.043     | 0.039     | 0         | 71   | 73.5 | 43   | 199        | 204        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 9    | 46     | 26     | 0.499     | 0.043     | 0.994 | 0.043     | 0.039     | 0         | 78.7 | 80.4 | 34.8 | 217        | 220        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 9    | 56     | 26     | 0.482     | -0.052    | 0.997 | 0.039     | 0.039     | 0         | 80   | 80.8 | 33.5 | 219        | 222        | 0          | 33     | 34     |
| 2009 | 6     | 22  | 10   | 6      | 26     | 0.554     | 0.026     | 0.997 | 0.043     | 0.039     | 0         | 73.5 | 75.7 | 43.4 | 204        | 209        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 10   | 16     | 26     | 0.476     | 0.013     | 1.001 | 0.046     | 0.046     | 0         | 68.8 | 71   | 49   | 193        | 199        | 0          | 33     | 34     |
| 2009 | 6     | 22  | 10   | 26     | 26     | 0.499     | 0.046     | 0.984 | 0.046     | 0.043     | 0         | 71   | 73.5 | 43.9 | 198        | 204        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 10   | 36     | 26     | 0.722     | -0.01     | 1.063 | 0.043     | 0.039     | 0         | 80   | 81.3 | 29.7 | 220        | 222        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 10   | 46     | 26     | 0.65      | 0.036     | 1.066 | 0.039     | 0.036     | 0         | 76.1 | 78.7 | 37   | 211        | 216        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 10   | 56     | 26     | 0.699     | -0.016    | 1.047 | 0.043     | 0.039     | 0         | 74.8 | 77.8 | 39.6 | 208        | 214        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 11   | 6      | 26     | 0.584     | 0.003     | 1.05  | 0.043     | 0.039     | 0         | 79.6 | 81.7 | 27.1 | 219        | 222        | 0          | 34     | 32     |
| 2009 | 6     | 22  | 11   | 16     | 26     | 0.692     | 0.033     | 1.05  | 0.039     | 0.039     | 0         | 77.8 | 80.8 | 31.8 | 215        | 221        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 11   | 26     | 26     | 0.558     | 0.069     | 1.043 | 0.056     | 0.052     | 0         | 76.1 | 79.1 | 25.8 | 210        | 218        | 0          | 33     | 34     |
| 2009 | 6     | 22  | 11   | 36     | 26     | 0.525     | 0.092     | 1.033 | 0.039     | 0.036     | 0         | 70.1 | 76.1 | 41.3 | 196        | 210        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 11   | 46     | 26     | 0.614     | 0.043     | 1.02  | 0.046     | 0.043     | 0         | 66.7 | 73.1 | 44.3 | 188        | 203        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 11   | 56     | 26     | 0.564     | 0.092     | 1.014 | 0.039     | 0.039     | 0         | 64.9 | 71.4 | 48.2 | 184        | 199        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 12   | 6      | 26     | 0.6       | 0.112     | 1.01  | 0.039     | 0.039     | 0         | 63.6 | 70.5 | 49.9 | 181        | 196        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 12   | 16     | 26     | 0.492     | 0.121     | 1.007 | 0.039     | 0.036     | 0         | 63.6 | 69.2 | 51.6 | 180        | 194        | 0          | 32     | 33     |
| 2009 | 6     | 22  | 12   | 26     | 26     | 0.571     | 0.075     | 1.001 | 0.043     | 0.039     | 0         | 78.3 | 81.3 | 31   | 215        | 222        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 12   | 36     | 26     | 0.436     | -0.164    | 0.974 | 0.062     | 0.059     | 0         | 62.4 | 70.5 | 13.3 | 179        | 197        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 12   | 46     | 26     | 0.433     | 0.108     | 0.981 | 0.043     | 0.039     | 0         | 64.1 | 77   | 55.5 | 182        | 211        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 12   | 56     | 26     | 0.348     | 0.033     | 0.991 | 0.046     | 0.043     | 0         | 60.2 | 72.7 | 54.6 | 172        | 201        | 0          | 32     | 32     |
| 2009 | 6     | 22  | 13   | 6      | 26     | 0.315     | 0.023     | 0.991 | 0.049     | 0.046     | 0         | 58   | 70.1 | 56.8 | 168        | 195        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 13   | 16     | 26     | 0.358     | 0         | 0.991 | 0.039     | 0.036     | 0         | 57.6 | 68.8 | 56.8 | 166        | 192        | 0          | 32     | 32     |
| 2009 | 6     | 22  | 13   | 26     | 26     | 0.266     | 0.043     | 0.984 | 0.039     | 0.039     | 0         | 57.2 | 68.8 | 54.6 | 165        | 191        | 0          | 32     | 31     |
| 2009 | 6     | 22  | 13   | 36     | 26     | 0.367     | -0.036    | 0.984 | 0.049     | 0.046     | 0         | 56.8 | 68.4 | 57.6 | 165        | 191        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 13   | 46     | 26     | 0.351     | 0.003     | 0.984 | 0.039     | 0.039     | 0         | 55.9 | 67.1 | 57.6 | 163        | 188        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 13   | 56     | 26     | 0.315     | -0.046    | 0.984 | 0.046     | 0.043     | 0         | 55.5 | 66.2 | 58   | 162        | 186        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 14   | 6      | 26     | 0.325     | 0.007     | 0.984 | 0.039     | 0.036     | 0         | 55.5 | 66.2 | 59.3 | 162        | 186        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 14   | 16     | 26     | 0.269     | 0.079     | 0.981 | 0.039     | 0.039     | 0         | 55.9 | 66.7 | 58.5 | 162        | 187        | 0          | 32     | 32     |
| 2009 | 6     | 22  | 14   | 26     | 26     | 0.305     | 0         | 0.981 | 0.036     | 0.033     | 0         | 55.9 | 66.7 | 58.9 | 163        | 186        | 0          | 33     | 31     |
| 2009 | 6     | 22  | 14   | 36     | 26     | 0.302     | -0.007    | 0.981 | 0.043     | 0.039     | 0         | 55.5 | 66.2 | 59.3 | 162        | 185        | 0          | 33     | 31     |
| 2009 | 6     | 22  | 14   | 46     | 26     | 0.335     | -0.01     | 0.981 | 0.039     | 0.036     | 0         | 55.5 | 66.2 | 59.8 | 162        | 185        | 0          | 33     | 31     |
| 2009 | 6     | 22  | 14   | 56     | 26     | 0.269     | -0.03     | 0.981 | 0.039     | 0.039     | 0         | 55.9 | 65.8 | 61.9 | 162        | 185        | 0          | 32     | 32     |
| 2009 | 6     | 22  | 15   | 6      | 26     | 0.348     | -0.03     | 0.981 | 0.043     | 0.039     | 0         | 55   | 64.9 | 61.1 | 160        | 182        | 0          | 32     | 31     |
| 2009 | 6     | 22  | 15   | 16     | 26     | 0.243     | 0.016     | 0.981 | 0.039     | 0.039     | 0         | 54.6 | 64.9 | 61.5 | 160        | 183        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 15   | 26     | 26     | 0.292     | 0.023     | 0.981 | 0.043     | 0.039     | 0         | 55   | 64.9 | 62.4 | 160        | 183        | 0          | 32     | 32     |
| 2009 | 6     | 22  | 15   | 36     | 26     | 0.266     | -0.026    | 0.981 | 0.039     | 0.036     | 0         | 54.6 | 64.9 | 62.8 | 160        | 182        | 0          | 33     | 31     |
| 2009 | 6     | 22  | 15   | 46     | 26     | 0.282     | 0.049     | 0.981 | 0.039     | 0.039     | 0         | 53.8 | 64.5 | 61.9 | 158        | 182        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 15   | 56     | 26     | 0.302     | -0.03     | 0.981 | 0.039     | 0.036     | 0         | 53.3 | 64.1 | 63.2 | 157        | 181        | 0          | 33     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 22  | 16   | 6      | 26     | 0.299     | -0.03     | 0.978 | 0.046     | 0.043     | 0         | 54.2 | 64.5 | 61.9 | 158        | 181        | 0          | 32     | 31     |
| 2009 | 6     | 22  | 16   | 16     | 26     | 0.272     | 0.026     | 0.978 | 0.039     | 0.036     | 0         | 54.2 | 64.1 | 61.9 | 158        | 181        | 0          | 32     | 32     |
| 2009 | 6     | 22  | 16   | 26     | 26     | 0.167     | -0.023    | 0.978 | 0.036     | 0.033     | 0         | 53.8 | 63.2 | 63.2 | 158        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 16   | 36     | 26     | 0.256     | -0.066    | 0.978 | 0.036     | 0.033     | 0         | 53.3 | 63.6 | 64.1 | 157        | 179        | 0          | 33     | 31     |
| 2009 | 6     | 22  | 16   | 46     | 26     | 0.305     | -0.043    | 0.978 | 0.043     | 0.039     | 0         | 52.9 | 62.8 | 63.2 | 156        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 16   | 56     | 26     | 0.253     | -0.046    | 0.978 | 0.039     | 0.036     | 0         | 53.3 | 63.2 | 61.9 | 157        | 179        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 17   | 6      | 26     | 0.253     | -0.023    | 0.978 | 0.033     | 0.03      | 0         | 53.8 | 62.4 | 61.9 | 157        | 177        | 0          | 32     | 32     |
| 2009 | 6     | 22  | 17   | 16     | 26     | 0.243     | -0.039    | 0.978 | 0.043     | 0.039     | 0         | 54.2 | 63.6 | 62.8 | 158        | 180        | 0          | 32     | 32     |
| 2009 | 6     | 22  | 17   | 26     | 26     | 0.207     | -0.007    | 0.978 | 0.043     | 0.039     | 0         | 53.8 | 62.8 | 62.4 | 158        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 17   | 36     | 26     | 0.197     | -0.03     | 0.978 | 0.039     | 0.039     | 0         | 53.8 | 62.8 | 61.9 | 158        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 17   | 46     | 26     | 0.282     | -0.02     | 0.978 | 0.036     | 0.033     | 0         | 54.2 | 62.8 | 64.5 | 158        | 177        | 0          | 32     | 31     |
| 2009 | 6     | 22  | 17   | 56     | 26     | 0.276     | -0.062    | 0.974 | 0.046     | 0.043     | 0         | 53.8 | 61.9 | 64.1 | 157        | 177        | 0          | 32     | 33     |
| 2009 | 6     | 22  | 18   | 6      | 26     | 0.272     | -0.095    | 0.974 | 0.039     | 0.039     | 0         | 53.8 | 62.8 | 63.2 | 157        | 178        | 0          | 32     | 32     |
| 2009 | 6     | 22  | 18   | 16     | 26     | 0.23      | -0.023    | 0.974 | 0.039     | 0.036     | 0         | 54.2 | 62.8 | 63.6 | 158        | 177        | 0          | 32     | 31     |
| 2009 | 6     | 22  | 18   | 26     | 26     | 0.279     | -0.052    | 0.974 | 0.039     | 0.036     | 0         | 53.8 | 61.9 | 63.2 | 157        | 176        | 0          | 32     | 32     |
| 2009 | 6     | 22  | 18   | 36     | 26     | 0.322     | -0.075    | 0.974 | 0.036     | 0.033     | 0         | 53.3 | 62.4 | 62.4 | 157        | 177        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 18   | 46     | 26     | 0.253     | 0         | 0.974 | 0.039     | 0.039     | 0         | 52.9 | 61.9 | 62.8 | 156        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 18   | 56     | 26     | 0.308     | -0.052    | 0.974 | 0.039     | 0.036     | 0         | 53.8 | 62.8 | 62.4 | 158        | 177        | 0          | 33     | 31     |
| 2009 | 6     | 22  | 19   | 6      | 26     | 0.203     | 0.016     | 0.974 | 0.049     | 0.046     | 0         | 53.8 | 61.5 | 62.8 | 157        | 176        | 0          | 32     | 33     |
| 2009 | 6     | 22  | 19   | 16     | 26     | 0.289     | -0.036    | 0.974 | 0.043     | 0.039     | 0         | 52.9 | 62.4 | 62.4 | 156        | 177        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 19   | 26     | 26     | 0.23      | -0.112    | 0.974 | 0.039     | 0.036     | 0         | 52.5 | 61.5 | 62.8 | 155        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 19   | 36     | 26     | 0.2       | -0.069    | 0.974 | 0.039     | 0.036     | 0         | 52   | 61.1 | 62.8 | 154        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 19   | 46     | 26     | 0.266     | -0.056    | 0.974 | 0.043     | 0.039     | 0         | 51.2 | 60.6 | 62.8 | 153        | 173        | 0          | 34     | 32     |
| 2009 | 6     | 22  | 19   | 56     | 26     | 0.194     | -0.072    | 0.974 | 0.036     | 0.033     | 0         | 51.2 | 60.6 | 62.8 | 152        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 20   | 6      | 26     | 0.23      | -0.062    | 0.974 | 0.043     | 0.039     | 0         | 50.7 | 60.2 | 61.5 | 151        | 172        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 20   | 16     | 26     | 0.279     | -0.125    | 0.974 | 0.033     | 0.03      | 0         | 51.2 | 60.2 | 61.1 | 152        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 20   | 26     | 26     | 0.315     | -0.039    | 0.974 | 0.036     | 0.033     | 0         | 50.7 | 60.2 | 60.2 | 151        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 20   | 36     | 26     | 0.253     | -0.085    | 0.974 | 0.039     | 0.039     | 0         | 51.2 | 61.1 | 58.5 | 152        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 20   | 46     | 26     | 0.358     | -0.039    | 0.974 | 0.036     | 0.033     | 0         | 51.2 | 61.1 | 56.8 | 152        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 20   | 56     | 26     | 0.256     | -0.052    | 0.974 | 0.039     | 0.036     | 0         | 52   | 62.4 | 57.6 | 154        | 177        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 21   | 6      | 26     | 0.295     | -0.085    | 0.978 | 0.039     | 0.039     | 0         | 52.5 | 61.9 | 58.9 | 155        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 21   | 16     | 26     | 0.289     | -0.043    | 0.978 | 0.039     | 0.036     | 0         | 52.9 | 62.8 | 56.8 | 156        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 21   | 26     | 26     | 0.269     | -0.102    | 0.978 | 0.043     | 0.039     | 0         | 53.3 | 62.8 | 55   | 157        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 21   | 36     | 26     | 0.364     | -0.079    | 0.978 | 0.043     | 0.039     | 0         | 55   | 64.1 | 56.3 | 161        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 21   | 46     | 26     | 0.312     | -0.085    | 0.978 | 0.039     | 0.039     | 0         | 54.6 | 63.6 | 55   | 160        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 21   | 56     | 26     | 0.325     | -0.121    | 0.974 | 0.039     | 0.039     | 0         | 57.2 | 66.2 | 53.8 | 166        | 187        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 22   | 6      | 26     | 0.377     | -0.033    | 0.978 | 0.046     | 0.043     | 0         | 54.6 | 64.1 | 55   | 160        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 22   | 16     | 26     | 0.381     | -0.125    | 0.978 | 0.036     | 0.033     | 0         | 55.5 | 64.9 | 55.5 | 162        | 183        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 22   | 26     | 26     | 0.348     | 0.003     | 0.978 | 0.043     | 0.039     | 0         | 55.5 | 64.5 | 54.2 | 162        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 22   | 36     | 26     | 0.322     | -0.016    | 0.978 | 0.049     | 0.049     | 0         | 55   | 64.5 | 54.6 | 161        | 182        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 22   | 46     | 26     | 0.367     | -0.089    | 0.978 | 0.043     | 0.039     | 0         | 55   | 64.5 | 54.2 | 162        | 183        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 22   | 56     | 26     | 0.322     | -0.144    | 0.978 | 0.039     | 0.039     | 0         | 55.5 | 64.5 | 53.8 | 161        | 182        | 0          | 32     | 32     |
| 2009 | 6     | 22  | 23   | 6      | 26     | 0.305     | -0.082    | 0.981 | 0.036     | 0.033     | 0         | 55   | 63.6 | 53.3 | 160        | 181        | 0          | 32     | 33     |
| 2009 | 6     | 22  | 23   | 16     | 26     | 0.387     | -0.075    | 0.981 | 0.046     | 0.043     | 0         | 54.6 | 64.5 | 53.8 | 160        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 23   | 26     | 26     | 0.407     | -0.105    | 0.981 | 0.039     | 0.036     | 0         | 54.2 | 64.1 | 53.3 | 159        | 181        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 23   | 36     | 26     | 0.374     | -0.036    | 0.984 | 0.039     | 0.039     | 0         | 53.8 | 62.8 | 52.9 | 158        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 23   | 46     | 26     | 0.338     | -0.023    | 0.984 | 0.039     | 0.036     | 0         | 54.2 | 64.1 | 54.2 | 159        | 181        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 23   | 56     | 26     | 0.374     | -0.039    | 0.984 | 0.043     | 0.039     | 0         | 54.6 | 63.6 | 53.8 | 159        | 181        | 0          | 32     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 23  | 0    | 6      | 26     | 0.377     | -0.112    | 0.988 | 0.039     | 0.039     | 0         | 53.8 | 63.2 | 53.3 | 158        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 0    | 16     | 26     | 0.344     | -0.157    | 0.988 | 0.036     | 0.033     | 0         | 54.6 | 63.6 | 53.8 | 160        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 0    | 26     | 26     | 0.42      | -0.066    | 0.991 | 0.033     | 0.03      | 0         | 53.8 | 62.8 | 53.3 | 158        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 0    | 36     | 26     | 0.361     | -0.069    | 0.991 | 0.043     | 0.039     | 0         | 53.8 | 63.2 | 54.2 | 158        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 0    | 46     | 26     | 0.318     | -0.121    | 0.991 | 0.033     | 0.033     | 0         | 53.8 | 63.2 | 54.6 | 158        | 179        | 0          | 33     | 32     |
| 2009 | 6     | 23  | 0    | 56     | 26     | 0.344     | 0.033     | 0.991 | 0.033     | 0.03      | 0         | 53.8 | 62.8 | 54.6 | 158        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 1    | 6      | 26     | 0.351     | -0.089    | 0.991 | 0.043     | 0.039     | 0         | 52.9 | 62.8 | 55   | 156        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 1    | 16     | 26     | 0.335     | -0.092    | 0.991 | 0.039     | 0.039     | 0         | 53.8 | 62.4 | 54.6 | 158        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 1    | 26     | 26     | 0.374     | -0.108    | 0.991 | 0.039     | 0.036     | 0         | 54.6 | 62.8 | 61.5 | 160        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 1    | 36     | 26     | 0.315     | -0.105    | 0.991 | 0.039     | 0.039     | 0         | 54.2 | 63.2 | 61.1 | 159        | 179        | 0          | 33     | 32     |
| 2009 | 6     | 23  | 1    | 46     | 26     | 0.328     | -0.102    | 0.991 | 0.039     | 0.036     | 0         | 54.2 | 62.8 | 58.9 | 159        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 1    | 56     | 26     | 0.371     | -0.105    | 0.991 | 0.039     | 0.036     | 0         | 53.8 | 63.6 | 60.2 | 158        | 180        | 0          | 33     | 32     |
| 2009 | 6     | 23  | 2    | 6      | 26     | 0.282     | -0.02     | 0.991 | 0.046     | 0.043     | 0         | 53.8 | 62.8 | 61.1 | 159        | 180        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 2    | 16     | 26     | 0.315     | -0.089    | 0.994 | 0.039     | 0.036     | 0         | 54.2 | 63.2 | 59.8 | 160        | 180        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 2    | 26     | 26     | 0.351     | -0.072    | 0.991 | 0.039     | 0.039     | 0         | 54.6 | 62.4 | 58   | 161        | 179        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 2    | 36     | 26     | 0.233     | -0.036    | 0.991 | 0.033     | 0.03      | 0         | 54.2 | 62.4 | 59.3 | 160        | 178        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 2    | 46     | 26     | 0.285     | -0.033    | 0.991 | 0.052     | 0.049     | 0         | 54.2 | 62.4 | 58.9 | 160        | 178        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 2    | 56     | 26     | 0.318     | -0.105    | 0.991 | 0.039     | 0.036     | 0         | 54.6 | 61.9 | 59.3 | 160        | 178        | 0          | 33     | 34     |
| 2009 | 6     | 23  | 3    | 6      | 26     | 0.341     | -0.105    | 0.991 | 0.039     | 0.039     | 0         | 54.6 | 62.8 | 58.9 | 160        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 3    | 16     | 26     | 0.269     | -0.075    | 0.994 | 0.036     | 0.033     | 0         | 53.8 | 61.9 | 59.8 | 159        | 178        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 3    | 26     | 26     | 0.289     | -0.052    | 0.994 | 0.039     | 0.036     | 0         | 53.3 | 61.9 | 59.8 | 158        | 177        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 3    | 36     | 26     | 0.299     | -0.036    | 0.994 | 0.039     | 0.039     | 0         | 53.8 | 62.4 | 61.9 | 159        | 179        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 3    | 46     | 26     | 0.295     | 0         | 0.994 | 0.039     | 0.036     | 0         | 53.8 | 61.9 | 63.2 | 158        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 3    | 56     | 26     | 0.335     | -0.059    | 0.994 | 0.046     | 0.043     | 0         | 53.3 | 61.5 | 62.4 | 157        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 4    | 6      | 26     | 0.289     | -0.128    | 0.994 | 0.039     | 0.036     | 0         | 53.8 | 62.4 | 61.9 | 159        | 178        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 4    | 16     | 26     | 0.322     | -0.079    | 0.994 | 0.039     | 0.036     | 0         | 52.9 | 61.5 | 61.5 | 157        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 4    | 26     | 26     | 0.253     | -0.066    | 0.991 | 0.039     | 0.036     | 0         | 53.3 | 61.1 | 63.2 | 157        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 4    | 36     | 26     | 0.302     | 0.003     | 0.994 | 0.039     | 0.039     | 0         | 53.3 | 61.1 | 59.8 | 158        | 176        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 4    | 46     | 26     | 0.328     | -0.059    | 0.994 | 0.039     | 0.036     | 0         | 52   | 60.6 | 60.2 | 155        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 4    | 56     | 26     | 0.371     | -0.079    | 0.991 | 0.049     | 0.049     | 0         | 52.5 | 60.2 | 60.2 | 155        | 174        | 0          | 33     | 34     |
| 2009 | 6     | 23  | 5    | 6      | 26     | 0.413     | -0.089    | 0.994 | 0.046     | 0.043     | 0         | 52   | 59.8 | 61.1 | 155        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 5    | 16     | 26     | 0.344     | -0.108    | 0.994 | 0.039     | 0.036     | 0         | 52.5 | 59.8 | 62.8 | 155        | 173        | 0          | 33     | 34     |
| 2009 | 6     | 23  | 5    | 26     | 26     | 0.272     | -0.112    | 0.994 | 0.039     | 0.036     | 0         | 52   | 59.8 | 60.6 | 154        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 5    | 36     | 26     | 0.259     | -0.075    | 0.994 | 0.033     | 0.03      | 0         | 51.6 | 59.3 | 61.1 | 154        | 172        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 5    | 46     | 26     | 0.289     | -0.085    | 0.994 | 0.043     | 0.039     | 0         | 51.2 | 59.8 | 62.8 | 153        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 5    | 56     | 26     | 0.377     | -0.112    | 0.994 | 0.033     | 0.03      | 0         | 51.2 | 60.2 | 61.5 | 152        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 6    | 6      | 26     | 0.315     | -0.102    | 0.994 | 0.036     | 0.033     | 0         | 51.6 | 58.9 | 62.4 | 153        | 171        | 0          | 33     | 34     |
| 2009 | 6     | 23  | 6    | 16     | 26     | 0.266     | -0.062    | 0.994 | 0.039     | 0.036     | 0         | 51.2 | 59.3 | 62.8 | 152        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 6    | 26     | 26     | 0.217     | -0.03     | 0.994 | 0.039     | 0.036     | 0         | 50.7 | 58.9 | 63.2 | 151        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 6    | 36     | 26     | 0.279     | -0.066    | 0.994 | 0.039     | 0.036     | 0         | 53.3 | 61.5 | 61.5 | 157        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 6    | 46     | 26     | 0.318     | -0.059    | 0.994 | 0.043     | 0.039     | 0         | 51.6 | 60.6 | 62.4 | 154        | 173        | 0          | 34     | 32     |
| 2009 | 6     | 23  | 6    | 56     | 26     | 0.259     | -0.072    | 0.991 | 0.033     | 0.03      | 0         | 51.6 | 59.8 | 58.5 | 154        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 7    | 6      | 26     | 0.341     | -0.075    | 0.991 | 0.033     | 0.03      | 0         | 51.6 | 59.8 | 59.8 | 153        | 173        | 0          | 33     | 34     |
| 2009 | 6     | 23  | 7    | 16     | 26     | 0.276     | -0.075    | 0.991 | 0.039     | 0.039     | 0         | 51.6 | 59.3 | 58.9 | 154        | 172        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 7    | 26     | 26     | 0.289     | -0.095    | 0.991 | 0.033     | 0.03      | 0         | 51.6 | 59.3 | 58.9 | 153        | 172        | 0          | 33     | 34     |
| 2009 | 6     | 23  | 7    | 36     | 26     | 0.272     | -0.069    | 0.991 | 0.033     | 0.03      | 0         | 52   | 60.2 | 59.8 | 155        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 7    | 46     | 26     | 0.292     | -0.115    | 0.991 | 0.039     | 0.036     | 0         | 51.6 | 60.2 | 60.6 | 154        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 7    | 56     | 26     | 0.197     | -0.036    | 0.991 | 0.039     | 0.036     | 0         | 52   | 60.2 | 56.3 | 155        | 174        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 23  | 8    | 6      | 26     | 0.243     | 0.007     | 0.991 | 0.033     | 0.03      | 0         | 51.6 | 58.9 | 59.3 | 153        | 171        | 0          | 33     | 34     |
| 2009 | 6     | 23  | 8    | 16     | 26     | 0.348     | -0.046    | 0.991 | 0.039     | 0.036     | 0         | 51.6 | 59.8 | 58.9 | 154        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 8    | 26     | 26     | 0.21      | -0.121    | 0.991 | 0.049     | 0.046     | 0         | 51.6 | 60.2 | 61.5 | 154        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 8    | 36     | 26     | 0.338     | 0.033     | 0.988 | 0.039     | 0.039     | 0         | 60.6 | 61.1 | 58.9 | 174        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 8    | 46     | 26     | 0.295     | 0.059     | 0.984 | 0.039     | 0.039     | 0         | 61.1 | 61.1 | 57.6 | 175        | 176        | 0          | 33     | 34     |
| 2009 | 6     | 23  | 8    | 56     | 26     | 0.344     | 0.016     | 0.984 | 0.039     | 0.036     | 0         | 60.6 | 61.1 | 58   | 175        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 9    | 6      | 26     | 0.335     | 0.092     | 0.984 | 0.052     | 0.049     | 0         | 61.1 | 61.5 | 57.2 | 175        | 177        | 0          | 33     | 34     |
| 2009 | 6     | 23  | 9    | 16     | 26     | 0.299     | 0         | 0.981 | 0.043     | 0.039     | 0         | 62.8 | 64.1 | 54.2 | 180        | 182        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 9    | 26     | 26     | 0.614     | -0.056    | 0.971 | 0.039     | 0.039     | 0         | 67.9 | 68.8 | 49.5 | 191        | 193        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 9    | 36     | 26     | 0.666     | -0.082    | 0.971 | 0.046     | 0.043     | 0         | 66.2 | 66.7 | 52   | 187        | 189        | 0          | 33     | 34     |
| 2009 | 6     | 23  | 9    | 46     | 26     | 0.643     | -0.013    | 0.974 | 0.046     | 0.043     | 0         | 64.9 | 65.8 | 52.9 | 184        | 186        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 9    | 56     | 26     | 0.61      | -0.046    | 0.974 | 0.039     | 0.036     | 0         | 63.6 | 64.9 | 53.8 | 182        | 183        | 0          | 34     | 32     |
| 2009 | 6     | 23  | 10   | 6      | 26     | 0.63      | 0.023     | 0.978 | 0.033     | 0.03      | 0         | 64.1 | 64.9 | 54.6 | 182        | 184        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 10   | 16     | 26     | 0.623     | 0.003     | 0.978 | 0.039     | 0.039     | 0         | 64.1 | 64.5 | 54.6 | 182        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 10   | 26     | 26     | 0.686     | 0.079     | 0.978 | 0.046     | 0.046     | 0         | 63.2 | 63.6 | 55.5 | 181        | 181        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 10   | 36     | 26     | 0.699     | 0.131     | 0.978 | 0.039     | 0.036     | 0         | 63.2 | 63.6 | 55.9 | 180        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 10   | 46     | 26     | 0.676     | 0.023     | 0.978 | 0.039     | 0.039     | 0         | 63.6 | 63.6 | 55.5 | 181        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 10   | 56     | 26     | 0.604     | 0.059     | 0.978 | 0.039     | 0.036     | 0         | 63.2 | 64.1 | 55.9 | 180        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 11   | 6      | 26     | 0.627     | 0.049     | 0.978 | 0.043     | 0.039     | 0         | 64.1 | 63.6 | 55.5 | 182        | 182        | 0          | 33     | 34     |
| 2009 | 6     | 23  | 11   | 16     | 26     | 0.643     | 0.026     | 0.978 | 0.049     | 0.046     | 0         | 63.6 | 64.1 | 56.3 | 181        | 181        | 0          | 33     | 32     |
| 2009 | 6     | 23  | 11   | 26     | 26     | 0.755     | 0.082     | 0.978 | 0.043     | 0.039     | 0         | 63.6 | 64.1 | 57.2 | 181        | 181        | 0          | 33     | 32     |
| 2009 | 6     | 23  | 11   | 36     | 26     | 0.764     | 0.043     | 0.978 | 0.039     | 0.036     | 0         | 63.6 | 63.6 | 56.8 | 181        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 11   | 46     | 26     | 0.748     | 0.112     | 0.978 | 0.039     | 0.039     | 0         | 64.1 | 64.1 | 56.3 | 181        | 181        | 0          | 32     | 32     |
| 2009 | 6     | 23  | 11   | 56     | 26     | 0.748     | 0.131     | 0.978 | 0.039     | 0.039     | 0         | 64.1 | 64.1 | 57.2 | 182        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 12   | 6      | 26     | 0.879     | 0.223     | 0.978 | 0.039     | 0.036     | 0         | 64.5 | 64.5 | 55.9 | 183        | 182        | 0          | 33     | 32     |
| 2009 | 6     | 23  | 12   | 16     | 26     | 0.682     | 0.102     | 0.978 | 0.049     | 0.046     | 0         | 64.1 | 64.9 | 55.9 | 182        | 183        | 0          | 33     | 32     |
| 2009 | 6     | 23  | 12   | 26     | 26     | 0.745     | 0.056     | 0.984 | 0.046     | 0.043     | 0         | 64.9 | 64.9 | 55   | 183        | 183        | 0          | 32     | 32     |
| 2009 | 6     | 23  | 12   | 36     | 26     | 0.719     | 0.112     | 0.984 | 0.043     | 0.039     | 0         | 65.4 | 64.5 | 54.6 | 184        | 183        | 0          | 32     | 33     |
| 2009 | 6     | 23  | 12   | 46     | 26     | 0.843     | 0.062     | 0.988 | 0.043     | 0.039     | 0         | 65.4 | 65.4 | 54.2 | 185        | 185        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 12   | 56     | 26     | 0.81      | 0.108     | 0.991 | 0.043     | 0.039     | 0         | 66.2 | 65.8 | 52.9 | 186        | 186        | 0          | 32     | 33     |
| 2009 | 6     | 23  | 13   | 6      | 26     | 0.83      | 0.049     | 0.994 | 0.036     | 0.033     | 0         | 65.4 | 65.4 | 53.3 | 185        | 185        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 13   | 16     | 26     | 0.784     | 0.299     | 0.994 | 0.039     | 0.036     | 0         | 66.2 | 66.7 | 52   | 187        | 187        | 0          | 33     | 32     |
| 2009 | 6     | 23  | 13   | 26     | 26     | 0.932     | 0.512     | 0.991 | 0.046     | 0.046     | 0         | 67.5 | 67.5 | 50.7 | 189        | 189        | 0          | 32     | 32     |
| 2009 | 6     | 23  | 13   | 36     | 26     | 0.906     | 0.564     | 0.991 | 0.046     | 0.043     | 0         | 68.8 | 67.9 | 49.5 | 192        | 191        | 0          | 32     | 33     |
| 2009 | 6     | 23  | 13   | 46     | 26     | 0.958     | 0.482     | 0.991 | 0.043     | 0.039     | 0         | 68.8 | 68.4 | 49.9 | 192        | 191        | 0          | 32     | 32     |
| 2009 | 6     | 23  | 13   | 56     | 26     | 0.902     | 0.302     | 0.988 | 0.049     | 0.049     | 0         | 68.4 | 67.9 | 50.7 | 191        | 191        | 0          | 32     | 33     |
| 2009 | 6     | 23  | 14   | 6      | 26     | 0.906     | 0.354     | 0.988 | 0.046     | 0.043     | 0         | 67.5 | 67.5 | 51.6 | 189        | 189        | 0          | 32     | 32     |
| 2009 | 6     | 23  | 14   | 16     | 26     | 0.906     | 0.269     | 0.988 | 0.039     | 0.039     | 0         | 67.1 | 67.9 | 51.2 | 188        | 189        | 0          | 32     | 31     |
| 2009 | 6     | 23  | 14   | 26     | 26     | 0.889     | 0.22      | 0.988 | 0.039     | 0.036     | 0         | 67.1 | 67.1 | 51.6 | 188        | 188        | 0          | 32     | 32     |
| 2009 | 6     | 23  | 14   | 36     | 26     | 0.869     | 0.135     | 0.988 | 0.046     | 0.043     | 0         | 66.7 | 67.1 | 51.6 | 188        | 188        | 0          | 33     | 32     |
| 2009 | 6     | 23  | 14   | 46     | 26     | 0.896     | 0.079     | 0.984 | 0.039     | 0.036     | 0         | 66.7 | 67.1 | 52.5 | 187        | 187        | 0          | 32     | 31     |
| 2009 | 6     | 23  | 14   | 56     | 26     | 0.827     | 0.167     | 0.988 | 0.039     | 0.039     | 0         | 66.7 | 66.7 | 52.9 | 187        | 187        | 0          | 32     | 32     |
| 2009 | 6     | 23  | 15   | 6      | 26     | 0.899     | 0.151     | 0.984 | 0.046     | 0.043     | 0         | 66.2 | 66.2 | 53.8 | 186        | 186        | 0          | 32     | 32     |
| 2009 | 6     | 23  | 15   | 16     | 26     | 0.781     | 0.167     | 0.984 | 0.043     | 0.039     | 0         | 65.8 | 65.8 | 53.3 | 186        | 185        | 0          | 33     | 32     |
| 2009 | 6     | 23  | 15   | 26     | 26     | 0.837     | 0.151     | 0.984 | 0.043     | 0.039     | 0         | 66.2 | 66.7 | 54.6 | 186        | 186        | 0          | 32     | 31     |
| 2009 | 6     | 23  | 15   | 36     | 26     | 0.787     | 0.151     | 0.984 | 0.039     | 0.036     | 0         | 64.9 | 65.8 | 54.2 | 184        | 185        | 0          | 33     | 32     |
| 2009 | 6     | 23  | 15   | 46     | 26     | 0.84      | 0.131     | 0.981 | 0.036     | 0.033     | 0         | 65.8 | 65.8 | 54.6 | 185        | 185        | 0          | 32     | 32     |
| 2009 | 6     | 23  | 15   | 56     | 26     | 0.784     | 0         | 0.981 | 0.052     | 0.049     | 0         | 68.8 | 69.2 | 50.3 | 192        | 193        | 0          | 32     | 32     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 23  | 16   | 6      | 26     | 0.722     | 0.066     | 0.981 | 0.043     | 0.039     | 0         | 67.1 | 67.1 | 52   | 188        | 188        | 0          | 32     | 32     |
| 2009 | 6     | 23  | 16   | 16     | 26     | 0.84      | 0.171     | 0.981 | 0.043     | 0.039     | 0         | 64.5 | 64.9 | 56.3 | 183        | 182        | 0          | 33     | 31     |
| 2009 | 6     | 23  | 16   | 26     | 26     | 0.774     | 0.144     | 0.981 | 0.039     | 0.036     | 0         | 65.4 | 64.5 | 55   | 184        | 183        | 0          | 32     | 33     |
| 2009 | 6     | 23  | 16   | 36     | 26     | 0.712     | -0.01     | 0.981 | 0.039     | 0.036     | 0         | 68.4 | 69.7 | 49.5 | 192        | 193        | 0          | 33     | 31     |
| 2009 | 6     | 23  | 16   | 46     | 26     | 0.804     | 0.246     | 0.981 | 0.043     | 0.039     | 0         | 64.9 | 64.9 | 55   | 183        | 183        | 0          | 32     | 32     |
| 2009 | 6     | 23  | 16   | 56     | 26     | 0.764     | 0.033     | 0.981 | 0.046     | 0.046     | 0         | 67.1 | 66.7 | 53.3 | 188        | 187        | 0          | 32     | 32     |
| 2009 | 6     | 23  | 17   | 6      | 26     | 0.741     | 0.112     | 0.981 | 0.039     | 0.039     | 0         | 64.1 | 64.1 | 55.9 | 181        | 181        | 0          | 32     | 32     |
| 2009 | 6     | 23  | 17   | 16     | 26     | 0.751     | 0.128     | 0.978 | 0.036     | 0.033     | 0         | 63.6 | 63.6 | 56.8 | 180        | 180        | 0          | 32     | 32     |
| 2009 | 6     | 23  | 17   | 26     | 26     | 0.846     | 0.089     | 0.978 | 0.046     | 0.043     | 0         | 64.1 | 64.5 | 55.9 | 181        | 182        | 0          | 32     | 32     |
| 2009 | 6     | 23  | 17   | 36     | 26     | 0.801     | 0.141     | 0.978 | 0.039     | 0.039     | 0         | 63.2 | 63.2 | 57.2 | 180        | 179        | 0          | 33     | 32     |
| 2009 | 6     | 23  | 17   | 46     | 26     | 0.755     | 0.141     | 0.978 | 0.039     | 0.039     | 0         | 63.2 | 63.6 | 58.5 | 178        | 179        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 17   | 56     | 26     | 0.814     | 0.007     | 0.978 | 0.043     | 0.039     | 0         | 64.9 | 64.9 | 55   | 183        | 183        | 0          | 32     | 32     |
| 2009 | 6     | 23  | 18   | 6      | 26     | 0.774     | 0.197     | 0.978 | 0.043     | 0.039     | 0         | 62.8 | 62.8 | 58.5 | 178        | 178        | 0          | 32     | 32     |
| 2009 | 6     | 23  | 18   | 16     | 26     | 0.876     | 0.095     | 0.978 | 0.043     | 0.043     | 0         | 62.4 | 62.4 | 58.5 | 177        | 177        | 0          | 32     | 32     |
| 2009 | 6     | 23  | 18   | 26     | 26     | 0.761     | 0.059     | 0.978 | 0.043     | 0.039     | 0         | 61.5 | 62.4 | 58.9 | 176        | 176        | 0          | 33     | 31     |
| 2009 | 6     | 23  | 18   | 36     | 26     | 0.666     | 0.082     | 0.978 | 0.039     | 0.036     | 0         | 61.9 | 61.9 | 59.3 | 176        | 176        | 0          | 32     | 32     |
| 2009 | 6     | 23  | 18   | 46     | 26     | 0.758     | 0.098     | 0.974 | 0.043     | 0.039     | 0         | 62.4 | 62.4 | 58.5 | 177        | 177        | 0          | 32     | 32     |
| 2009 | 6     | 23  | 18   | 56     | 26     | 0.735     | 0.089     | 0.974 | 0.039     | 0.036     | 0         | 62.4 | 62.8 | 58.9 | 177        | 178        | 0          | 32     | 32     |
| 2009 | 6     | 23  | 19   | 6      | 26     | 0.791     | 0.115     | 0.974 | 0.039     | 0.039     | 0         | 62.8 | 63.2 | 57.6 | 179        | 179        | 0          | 33     | 32     |
| 2009 | 6     | 23  | 19   | 16     | 26     | 0.81      | 0.046     | 0.974 | 0.039     | 0.039     | 0         | 62.8 | 62.4 | 58   | 178        | 177        | 0          | 32     | 32     |
| 2009 | 6     | 23  | 19   | 26     | 26     | 0.804     | 0.138     | 0.974 | 0.039     | 0.036     | 0         | 62.4 | 62.4 | 57.6 | 177        | 177        | 0          | 32     | 32     |
| 2009 | 6     | 23  | 19   | 36     | 26     | 0.771     | 0.072     | 0.974 | 0.039     | 0.036     | 0         | 61.9 | 62.8 | 58.5 | 176        | 177        | 0          | 32     | 31     |
| 2009 | 6     | 23  | 19   | 46     | 26     | 0.738     | 0.03      | 0.974 | 0.049     | 0.049     | 0         | 62.8 | 62.8 | 56.8 | 178        | 178        | 0          | 32     | 32     |
| 2009 | 6     | 23  | 19   | 56     | 26     | 0.774     | 0.043     | 0.978 | 0.043     | 0.043     | 0         | 61.5 | 62.4 | 58.5 | 176        | 177        | 0          | 33     | 32     |
| 2009 | 6     | 23  | 20   | 6      | 26     | 0.787     | 0.059     | 0.978 | 0.043     | 0.039     | 0         | 62.8 | 63.2 | 57.2 | 178        | 179        | 0          | 32     | 32     |
| 2009 | 6     | 23  | 20   | 16     | 26     | 0.879     | 0.02      | 0.978 | 0.046     | 0.043     | 0         | 62.8 | 62.8 | 56.8 | 178        | 178        | 0          | 32     | 32     |
| 2009 | 6     | 23  | 20   | 26     | 26     | 0.804     | -0.023    | 0.978 | 0.039     | 0.036     | 0         | 62.4 | 63.2 | 57.2 | 178        | 179        | 0          | 33     | 32     |
| 2009 | 6     | 23  | 20   | 36     | 26     | 0.804     | 0.013     | 0.978 | 0.039     | 0.036     | 0         | 62.4 | 62.8 | 55.9 | 178        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 20   | 46     | 26     | 0.801     | 0.046     | 0.978 | 0.039     | 0.039     | 0         | 61.9 | 62.8 | 57.2 | 177        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 23  | 20   | 56     | 26     | 0.846     | 0         | 0.978 | 0.039     | 0.036     | 0         | 62.8 | 62.4 | 57.2 | 178        | 178        | 0          | 32     | 33     |
| 2009 | 6     | 23  | 21   | 6      | 26     | 0.843     | 0.013     | 0.978 | 0.039     | 0.039     | 0         | 62.8 | 63.2 | 56.3 | 178        | 179        | 0          | 32     | 32     |
| 2009 | 6     | 23  | 21   | 16     | 26     | 0.778     | 0.079     | 0.978 | 0.036     | 0.033     | 0         | 63.2 | 63.6 | 55   | 179        | 180        | 0          | 32     | 32     |
| 2009 | 6     | 23  | 21   | 26     | 26     | 0.876     | 0.128     | 0.981 | 0.039     | 0.039     | 0         | 62.8 | 63.6 | 55   | 179        | 180        | 0          | 33     | 32     |
| 2009 | 6     | 23  | 21   | 36     | 26     | 0.784     | -0.003    | 0.981 | 0.039     | 0.039     | 0         | 62.8 | 64.1 | 55.9 | 179        | 181        | 0          | 33     | 32     |
| 2009 | 6     | 23  | 21   | 46     | 26     | 0.797     | 0.056     | 0.981 | 0.036     | 0.033     | 0         | 62.8 | 63.6 | 54.6 | 179        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 21   | 56     | 26     | 0.778     | -0.013    | 0.981 | 0.052     | 0.049     | 0         | 63.2 | 64.1 | 54.6 | 180        | 181        | 0          | 33     | 32     |
| 2009 | 6     | 23  | 22   | 6      | 26     | 0.801     | 0.075     | 0.984 | 0.043     | 0.039     | 0         | 63.2 | 63.6 | 55.5 | 179        | 180        | 0          | 32     | 32     |
| 2009 | 6     | 23  | 22   | 16     | 26     | 0.794     | -0.02     | 0.984 | 0.036     | 0.033     | 0         | 62.4 | 63.2 | 55   | 178        | 179        | 0          | 33     | 32     |
| 2009 | 6     | 23  | 22   | 26     | 26     | 0.919     | 0.033     | 0.988 | 0.049     | 0.049     | 0         | 62.8 | 63.2 | 54.6 | 179        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 22   | 36     | 26     | 0.866     | 0.003     | 0.988 | 0.043     | 0.043     | 0         | 62.4 | 63.2 | 54.6 | 178        | 179        | 0          | 33     | 32     |
| 2009 | 6     | 23  | 22   | 46     | 26     | 0.942     | 0.03      | 0.988 | 0.043     | 0.039     | 0         | 61.5 | 61.9 | 57.2 | 176        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 22   | 56     | 26     | 0.86      | 0.026     | 0.991 | 0.046     | 0.043     | 0         | 61.1 | 61.9 | 56.8 | 175        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 23   | 6      | 26     | 0.853     | -0.003    | 0.994 | 0.039     | 0.036     | 0         | 61.5 | 61.5 | 56.8 | 176        | 177        | 0          | 33     | 34     |
| 2009 | 6     | 23  | 23   | 16     | 26     | 0.866     | 0.01      | 0.991 | 0.039     | 0.039     | 0         | 61.5 | 61.9 | 56.8 | 176        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 23   | 26     | 26     | 0.84      | 0         | 0.991 | 0.036     | 0.033     | 0         | 61.9 | 62.4 | 56.3 | 177        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 23   | 36     | 26     | 0.807     | 0.013     | 0.991 | 0.039     | 0.036     | 0         | 62.4 | 63.2 | 54.6 | 178        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 23   | 46     | 26     | 0.817     | 0.013     | 0.994 | 0.039     | 0.036     | 0         | 61.9 | 62.8 | 56.3 | 177        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 23  | 23   | 56     | 26     | 0.741     | 0.049     | 0.994 | 0.043     | 0.039     | 0         | 62.8 | 63.6 | 55   | 179        | 180        | 0          | 33     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 24  | 0    | 6      | 26     | 0.797     | 0.056     | 0.994 | 0.039     | 0.039     | 0         | 61.9 | 62.8 | 55.5 | 177        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 0    | 16     | 26     | 0.827     | -0.026    | 0.994 | 0.039     | 0.039     | 0         | 61.5 | 62.8 | 56.8 | 176        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 24  | 0    | 26     | 26     | 0.925     | -0.007    | 0.994 | 0.049     | 0.046     | 0         | 61.5 | 62.4 | 56.8 | 177        | 178        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 0    | 36     | 26     | 0.86      | 0.03      | 0.994 | 0.039     | 0.039     | 0         | 61.5 | 61.9 | 57.2 | 176        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 0    | 46     | 26     | 0.846     | -0.102    | 0.994 | 0.039     | 0.039     | 0         | 61.5 | 62.4 | 56.8 | 176        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 0    | 56     | 26     | 0.869     | -0.052    | 0.994 | 0.039     | 0.039     | 0         | 61.9 | 62.8 | 56.8 | 177        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 1    | 6      | 26     | 0.909     | -0.033    | 0.994 | 0.049     | 0.049     | 0         | 61.5 | 62.4 | 57.2 | 176        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 1    | 16     | 26     | 0.856     | -0.007    | 0.994 | 0.046     | 0.043     | 0         | 61.9 | 62.8 | 56.8 | 177        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 1    | 26     | 26     | 0.85      | -0.056    | 0.994 | 0.043     | 0.039     | 0         | 62.8 | 63.6 | 55.5 | 179        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 1    | 36     | 26     | 0.82      | -0.079    | 0.994 | 0.043     | 0.043     | 0         | 61.9 | 62.8 | 56.8 | 177        | 180        | 0          | 33     | 34     |
| 2009 | 6     | 24  | 1    | 46     | 26     | 0.807     | -0.039    | 0.994 | 0.039     | 0.036     | 0         | 62.4 | 63.6 | 55.9 | 178        | 180        | 0          | 33     | 32     |
| 2009 | 6     | 24  | 1    | 56     | 26     | 0.751     | -0.007    | 0.994 | 0.043     | 0.039     | 0         | 61.9 | 62.8 | 56.8 | 177        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 2    | 6      | 26     | 0.81      | -0.016    | 0.994 | 0.039     | 0.036     | 0         | 63.2 | 64.5 | 53.8 | 180        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 2    | 16     | 26     | 0.837     | 0.026     | 0.994 | 0.043     | 0.039     | 0         | 61.9 | 62.8 | 56.8 | 177        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 2    | 26     | 26     | 0.755     | -0.052    | 0.994 | 0.046     | 0.043     | 0         | 61.1 | 62.4 | 58   | 175        | 177        | 0          | 33     | 32     |
| 2009 | 6     | 24  | 2    | 36     | 26     | 0.794     | -0.013    | 0.994 | 0.039     | 0.039     | 0         | 61.5 | 62.4 | 57.2 | 176        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 2    | 46     | 26     | 0.919     | -0.016    | 0.994 | 0.046     | 0.043     | 0         | 60.6 | 61.5 | 58.5 | 174        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 2    | 56     | 26     | 0.764     | -0.01     | 0.994 | 0.039     | 0.036     | 0         | 60.6 | 61.5 | 58.5 | 174        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 3    | 6      | 26     | 0.755     | 0.043     | 0.994 | 0.039     | 0.036     | 0         | 61.1 | 61.9 | 58   | 175        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 3    | 16     | 26     | 0.784     | -0.016    | 0.994 | 0.039     | 0.036     | 0         | 61.1 | 62.4 | 57.6 | 175        | 177        | 0          | 33     | 32     |
| 2009 | 6     | 24  | 3    | 26     | 26     | 0.906     | 0.026     | 0.994 | 0.039     | 0.039     | 0         | 60.6 | 61.9 | 58   | 174        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 3    | 36     | 26     | 0.745     | 0         | 0.994 | 0.039     | 0.036     | 0         | 60.6 | 61.9 | 58.5 | 175        | 177        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 3    | 46     | 26     | 0.807     | -0.03     | 0.994 | 0.039     | 0.036     | 0         | 60.2 | 61.5 | 58   | 174        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 3    | 56     | 26     | 0.768     | -0.085    | 0.994 | 0.039     | 0.039     | 0         | 60.2 | 61.5 | 58.5 | 174        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 4    | 6      | 26     | 0.735     | -0.059    | 0.994 | 0.039     | 0.039     | 0         | 61.1 | 62.4 | 57.2 | 175        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 4    | 16     | 26     | 0.738     | -0.03     | 0.994 | 0.043     | 0.039     | 0         | 61.1 | 62.4 | 58   | 175        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 4    | 26     | 26     | 0.745     | -0.023    | 0.994 | 0.036     | 0.033     | 0         | 59.8 | 61.1 | 58.5 | 173        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 4    | 36     | 26     | 0.725     | -0.043    | 0.994 | 0.036     | 0.033     | 0         | 60.2 | 61.5 | 58.9 | 174        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 4    | 46     | 26     | 0.771     | -0.039    | 0.994 | 0.039     | 0.036     | 0         | 60.2 | 61.5 | 58   | 174        | 177        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 4    | 56     | 26     | 0.883     | -0.01     | 0.994 | 0.039     | 0.036     | 0         | 59.8 | 61.1 | 59.8 | 173        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 5    | 6      | 26     | 0.755     | -0.03     | 0.994 | 0.043     | 0.039     | 0         | 59.8 | 60.2 | 59.8 | 172        | 174        | 0          | 33     | 34     |
| 2009 | 6     | 24  | 5    | 16     | 26     | 0.801     | 0.036     | 0.994 | 0.039     | 0.039     | 0         | 59.3 | 60.2 | 60.2 | 172        | 174        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 5    | 26     | 26     | 0.886     | 0.026     | 0.994 | 0.046     | 0.043     | 0         | 59.3 | 60.2 | 60.2 | 172        | 174        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 5    | 36     | 26     | 0.81      | 0.033     | 0.994 | 0.036     | 0.033     | 0         | 58.5 | 60.2 | 60.6 | 170        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 5    | 46     | 26     | 0.833     | 0.026     | 0.994 | 0.036     | 0.033     | 0         | 58.9 | 59.8 | 61.5 | 170        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 5    | 56     | 26     | 0.794     | 0         | 0.994 | 0.033     | 0.03      | 0         | 58.9 | 59.8 | 61.1 | 170        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 6    | 6      | 26     | 0.823     | 0.013     | 0.994 | 0.039     | 0.039     | 0         | 58.9 | 59.3 | 61.1 | 170        | 172        | 0          | 33     | 34     |
| 2009 | 6     | 24  | 6    | 16     | 26     | 0.86      | -0.026    | 0.994 | 0.036     | 0.033     | 0         | 58.9 | 59.8 | 61.5 | 170        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 6    | 26     | 26     | 0.823     | -0.059    | 0.994 | 0.039     | 0.036     | 0         | 58.5 | 59.8 | 61.1 | 169        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 6    | 36     | 26     | 0.781     | 0.03      | 0.994 | 0.036     | 0.033     | 0         | 58   | 59.3 | 61.5 | 169        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 6    | 46     | 26     | 0.801     | -0.003    | 0.994 | 0.039     | 0.036     | 0         | 58.5 | 58.5 | 61.1 | 169        | 170        | 0          | 33     | 34     |
| 2009 | 6     | 24  | 6    | 56     | 26     | 0.807     | 0.003     | 0.994 | 0.033     | 0.03      | 0         | 58   | 58.5 | 62.8 | 168        | 170        | 0          | 33     | 34     |
| 2009 | 6     | 24  | 7    | 6      | 26     | 0.873     | -0.039    | 0.994 | 0.036     | 0.033     | 0         | 58.5 | 58.9 | 61.5 | 169        | 171        | 0          | 33     | 34     |
| 2009 | 6     | 24  | 7    | 16     | 26     | 0.833     | 0         | 0.994 | 0.039     | 0.039     | 0         | 58   | 59.3 | 62.4 | 169        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 7    | 26     | 26     | 0.725     | -0.003    | 0.994 | 0.036     | 0.033     | 0         | 58.5 | 59.3 | 62.4 | 169        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 7    | 36     | 26     | 0.748     | 0.039     | 0.991 | 0.046     | 0.043     | 0         | 58   | 59.3 | 61.5 | 169        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 7    | 46     | 26     | 0.794     | 0.016     | 0.991 | 0.039     | 0.036     | 0         | 58.5 | 59.8 | 60.6 | 169        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 7    | 56     | 26     | 0.83      | -0.03     | 0.994 | 0.046     | 0.043     | 0         | 58.5 | 58.9 | 60.6 | 170        | 171        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 24  | 8    | 6      | 26     | 0.876     | -0.066    | 0.991 | 0.039     | 0.036     | 0         | 58.5 | 59.3 | 61.5 | 170        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 8    | 16     | 26     | 0.82      | 0         | 0.991 | 0.039     | 0.039     | 0         | 58   | 58.9 | 61.9 | 169        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 8    | 26     | 26     | 0.807     | -0.026    | 0.991 | 0.039     | 0.039     | 0         | 58   | 59.8 | 61.5 | 168        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 8    | 36     | 26     | 0.814     | 0.095     | 0.991 | 0.036     | 0.033     | 0         | 58.5 | 59.8 | 61.9 | 170        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 8    | 46     | 26     | 0.83      | 0.105     | 0.991 | 0.033     | 0.03      | 0         | 58.5 | 59.3 | 61.1 | 169        | 172        | 0          | 33     | 34     |
| 2009 | 6     | 24  | 8    | 56     | 26     | 0.794     | 0.089     | 0.991 | 0.039     | 0.039     | 0         | 58   | 59.3 | 60.2 | 169        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 9    | 6      | 26     | 0.738     | 0.069     | 0.991 | 0.039     | 0.036     | 0         | 59.3 | 59.8 | 59.8 | 171        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 9    | 16     | 26     | 0.764     | 0.043     | 0.988 | 0.039     | 0.036     | 0         | 58.9 | 60.2 | 59.3 | 170        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 9    | 26     | 26     | 0.787     | 0.108     | 0.988 | 0.039     | 0.039     | 0         | 59.3 | 59.8 | 59.3 | 171        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 9    | 36     | 26     | 0.748     | 0.062     | 0.988 | 0.039     | 0.036     | 0         | 59.3 | 60.6 | 58.5 | 171        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 24  | 9    | 46     | 26     | 0.797     | 0.033     | 0.988 | 0.043     | 0.039     | 0         | 59.3 | 60.2 | 60.2 | 171        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 9    | 56     | 26     | 0.81      | 0.085     | 0.988 | 0.039     | 0.039     | 0         | 58.9 | 59.8 | 60.2 | 171        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 10   | 6      | 26     | 0.801     | 0.01      | 0.984 | 0.043     | 0.039     | 0         | 59.3 | 59.8 | 60.2 | 171        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 10   | 16     | 26     | 0.748     | 0.105     | 0.984 | 0.039     | 0.036     | 0         | 58.9 | 59.8 | 60.2 | 170        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 10   | 26     | 26     | 0.774     | 0.089     | 0.984 | 0.039     | 0.036     | 0         | 59.3 | 60.6 | 58.9 | 171        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 24  | 10   | 36     | 26     | 0.807     | 0.079     | 0.981 | 0.039     | 0.036     | 0         | 59.3 | 60.6 | 59.8 | 171        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 10   | 46     | 26     | 0.673     | 0.089     | 0.981 | 0.043     | 0.039     | 0         | 60.2 | 61.5 | 59.3 | 173        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 24  | 10   | 56     | 26     | 0.774     | 0.102     | 0.981 | 0.043     | 0.039     | 0         | 59.8 | 61.1 | 59.8 | 172        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 24  | 11   | 6      | 26     | 0.738     | 0.128     | 0.981 | 0.043     | 0.039     | 0         | 60.2 | 61.1 | 59.8 | 173        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 24  | 11   | 16     | 26     | 0.794     | 0.154     | 0.981 | 0.043     | 0.039     | 0         | 61.5 | 61.9 | 58.9 | 176        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 11   | 26     | 26     | 0.781     | 0.184     | 0.981 | 0.039     | 0.036     | 0         | 60.6 | 61.1 | 59.8 | 174        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 11   | 36     | 26     | 0.791     | 0.043     | 0.978 | 0.046     | 0.043     | 0         | 62.8 | 62.8 | 57.6 | 178        | 179        | 0          | 32     | 33     |
| 2009 | 6     | 24  | 11   | 46     | 26     | 0.771     | 0.075     | 0.978 | 0.043     | 0.039     | 0         | 63.2 | 64.1 | 56.8 | 179        | 181        | 0          | 32     | 32     |
| 2009 | 6     | 24  | 11   | 56     | 26     | 0.745     | 0.128     | 0.981 | 0.039     | 0.036     | 0         | 63.2 | 63.2 | 57.6 | 179        | 179        | 0          | 32     | 32     |
| 2009 | 6     | 24  | 12   | 6      | 26     | 0.761     | 0.049     | 0.978 | 0.039     | 0.039     | 0         | 62.4 | 63.2 | 59.3 | 177        | 179        | 0          | 32     | 32     |
| 2009 | 6     | 24  | 12   | 16     | 26     | 0.738     | 0.135     | 0.978 | 0.039     | 0.036     | 0         | 62.4 | 62.8 | 58.5 | 177        | 178        | 0          | 32     | 32     |
| 2009 | 6     | 24  | 12   | 26     | 26     | 0.833     | 0.138     | 0.978 | 0.039     | 0.039     | 0         | 62.4 | 63.2 | 58.5 | 177        | 179        | 0          | 32     | 32     |
| 2009 | 6     | 24  | 12   | 36     | 26     | 0.833     | 0.131     | 0.978 | 0.043     | 0.039     | 0         | 63.6 | 64.1 | 57.6 | 181        | 181        | 0          | 33     | 32     |
| 2009 | 6     | 24  | 12   | 46     | 26     | 0.771     | 0.125     | 0.978 | 0.039     | 0.036     | 0         | 63.6 | 64.5 | 57.2 | 180        | 182        | 0          | 32     | 32     |
| 2009 | 6     | 24  | 12   | 56     | 26     | 0.686     | 0.151     | 0.978 | 0.039     | 0.036     | 0         | 64.5 | 65.4 | 56.3 | 182        | 184        | 0          | 32     | 32     |
| 2009 | 6     | 24  | 13   | 6      | 26     | 0.778     | 0.184     | 0.978 | 0.033     | 0.03      | 0         | 63.2 | 64.5 | 57.2 | 180        | 182        | 0          | 33     | 32     |
| 2009 | 6     | 24  | 13   | 16     | 26     | 0.728     | 0.148     | 0.984 | 0.049     | 0.046     | 0         | 64.1 | 64.5 | 56.8 | 181        | 182        | 0          | 32     | 32     |
| 2009 | 6     | 24  | 13   | 26     | 26     | 0.705     | 0.148     | 1.004 | 0.036     | 0.033     | 0         | 65.8 | 66.7 | 53.3 | 185        | 187        | 0          | 32     | 32     |
| 2009 | 6     | 24  | 13   | 36     | 26     | 0.906     | 0.046     | 1.03  | 0.043     | 0.039     | 0         | 66.7 | 67.9 | 50.7 | 188        | 190        | 0          | 33     | 32     |
| 2009 | 6     | 24  | 13   | 46     | 26     | 1.407     | -0.013    | 1.093 | 0.049     | 0.046     | 0         | 71   | 71.8 | 47.3 | 197        | 199        | 0          | 32     | 32     |
| 2009 | 6     | 24  | 13   | 56     | 26     | 0.469     | 0.039     | 1.132 | 0.039     | 0.039     | 0         | 75.3 | 74.8 | 41.7 | 207        | 207        | 0          | 32     | 33     |
| 2009 | 6     | 24  | 14   | 6      | 26     | 1.125     | 0.043     | 1.158 | 0.033     | 0.03      | 0         | 75.7 | 77   | 40   | 209        | 211        | 0          | 33     | 32     |
| 2009 | 6     | 24  | 14   | 16     | 26     | 1.273     | -0.013    | 1.165 | 0.033     | 0.03      | 0         | 74.4 | 75.3 | 43.4 | 205        | 207        | 0          | 32     | 32     |
| 2009 | 6     | 24  | 14   | 26     | 26     | 1.056     | 0.128     | 1.165 | 0.036     | 0.033     | 0         | 74.8 | 76.1 | 43.4 | 206        | 209        | 0          | 32     | 32     |
| 2009 | 6     | 24  | 14   | 36     | 26     | 1.142     | 0.089     | 1.168 | 0.039     | 0.036     | 0         | 74.4 | 75.7 | 44.3 | 205        | 208        | 0          | 32     | 32     |
| 2009 | 6     | 24  | 14   | 46     | 26     | 1.109     | 0.102     | 1.165 | 0.036     | 0.033     | 0         | 73.5 | 75.3 | 44.3 | 203        | 206        | 0          | 32     | 31     |
| 2009 | 6     | 24  | 14   | 56     | 26     | 1.135     | 0.164     | 1.158 | 0.036     | 0.033     | 0         | 72.7 | 74.4 | 44.7 | 202        | 205        | 0          | 33     | 32     |
| 2009 | 6     | 24  | 15   | 6      | 26     | 1.178     | 0.187     | 1.148 | 0.043     | 0.039     | 0         | 71.8 | 73.5 | 44.3 | 200        | 202        | 0          | 33     | 31     |
| 2009 | 6     | 24  | 15   | 16     | 26     | 1.076     | 0.302     | 1.138 | 0.033     | 0.03      | 0         | 71   | 72.2 | 46.4 | 198        | 201        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 15   | 26     | 26     | 1.079     | 0.279     | 1.132 | 0.039     | 0.036     | 0         | 70.5 | 72.2 | 47.7 | 197        | 200        | 0          | 33     | 32     |
| 2009 | 6     | 24  | 15   | 36     | 26     | 0.564     | 0.272     | 1.125 | 0.036     | 0.033     | 0         | 70.1 | 72.7 | 48.2 | 196        | 200        | 0          | 33     | 31     |
| 2009 | 6     | 24  | 15   | 46     | 26     | 0.876     | 0.174     | 1.125 | 0.043     | 0.039     | 0         | 71   | 72.2 | 47.7 | 197        | 200        | 0          | 32     | 32     |
| 2009 | 6     | 24  | 15   | 56     | 26     | 0.948     | 0.144     | 1.109 | 0.036     | 0.033     | 0         | 68.4 | 70.1 | 47.7 | 192        | 195        | 0          | 33     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 24  | 16   | 6      | 26     | 0.892     | 0.19      | 1.096 | 0.043     | 0.039     | 0         | 68.4 | 69.7 | 50.3 | 191        | 194        | 0          | 32     | 32     |
| 2009 | 6     | 24  | 16   | 16     | 26     | 0.925     | 0.236     | 1.093 | 0.039     | 0.039     | 0         | 68.4 | 69.7 | 50.7 | 191        | 194        | 0          | 32     | 32     |
| 2009 | 6     | 24  | 16   | 26     | 26     | 0.906     | 0.154     | 1.083 | 0.043     | 0.039     | 0         | 67.5 | 68.8 | 49.9 | 189        | 192        | 0          | 32     | 32     |
| 2009 | 6     | 24  | 16   | 36     | 26     | 0.978     | 0.2       | 1.07  | 0.046     | 0.043     | 0         | 67.1 | 67.9 | 51.2 | 187        | 190        | 0          | 31     | 32     |
| 2009 | 6     | 24  | 16   | 46     | 26     | 0.781     | 0.157     | 1.06  | 0.043     | 0.039     | 0         | 66.7 | 67.5 | 52   | 187        | 189        | 0          | 32     | 32     |
| 2009 | 6     | 24  | 16   | 56     | 26     | 0.846     | 0.148     | 1.053 | 0.039     | 0.039     | 0         | 65.4 | 67.5 | 53.8 | 185        | 188        | 0          | 33     | 31     |
| 2009 | 6     | 24  | 17   | 6      | 26     | 0.866     | 0.095     | 1.05  | 0.046     | 0.043     | 0         | 66.2 | 66.7 | 53.3 | 186        | 187        | 0          | 32     | 32     |
| 2009 | 6     | 24  | 17   | 16     | 26     | 0.728     | 0.131     | 1.04  | 0.046     | 0.043     | 0         | 66.2 | 67.1 | 51.6 | 186        | 188        | 0          | 32     | 32     |
| 2009 | 6     | 24  | 17   | 26     | 26     | 0.823     | 0.177     | 1.027 | 0.043     | 0.039     | 0         | 64.5 | 66.2 | 52   | 183        | 186        | 0          | 33     | 32     |
| 2009 | 6     | 24  | 17   | 36     | 26     | 0.758     | 0.171     | 1.02  | 0.039     | 0.039     | 0         | 65.8 | 66.7 | 51.6 | 185        | 187        | 0          | 32     | 32     |
| 2009 | 6     | 24  | 17   | 46     | 26     | 0.764     | 0.036     | 1.014 | 0.043     | 0.039     | 0         | 65.4 | 67.1 | 53.8 | 184        | 188        | 0          | 32     | 32     |
| 2009 | 6     | 24  | 17   | 56     | 26     | 0.823     | 0.082     | 1.01  | 0.043     | 0.039     | 0         | 65.4 | 66.7 | 53.8 | 184        | 186        | 0          | 32     | 31     |
| 2009 | 6     | 24  | 18   | 6      | 26     | 0.709     | 0.069     | 1.007 | 0.036     | 0.033     | 0         | 65.4 | 67.1 | 52   | 185        | 188        | 0          | 33     | 32     |
| 2009 | 6     | 24  | 18   | 16     | 26     | 0.758     | 0.115     | 1.004 | 0.039     | 0.039     | 0         | 66.2 | 67.5 | 51.6 | 186        | 189        | 0          | 32     | 32     |
| 2009 | 6     | 24  | 18   | 26     | 26     | 0.673     | 0.22      | 0.997 | 0.033     | 0.03      | 0         | 64.1 | 65.8 | 52.5 | 182        | 185        | 0          | 33     | 32     |
| 2009 | 6     | 24  | 18   | 36     | 26     | 0.689     | 0.177     | 0.991 | 0.039     | 0.036     | 0         | 64.1 | 65.8 | 52   | 181        | 185        | 0          | 32     | 32     |
| 2009 | 6     | 24  | 18   | 46     | 26     | 0.732     | 0.049     | 0.981 | 0.049     | 0.046     | 0         | 64.5 | 65.4 | 53.3 | 182        | 185        | 0          | 32     | 33     |
| 2009 | 6     | 24  | 18   | 56     | 26     | 0.633     | 0.046     | 0.978 | 0.039     | 0.036     | 0         | 64.1 | 65.4 | 53.3 | 181        | 184        | 0          | 32     | 32     |
| 2009 | 6     | 24  | 19   | 6      | 26     | 0.61      | 0.085     | 0.974 | 0.036     | 0.033     | 0         | 64.1 | 65.8 | 54.2 | 182        | 185        | 0          | 33     | 32     |
| 2009 | 6     | 24  | 19   | 16     | 26     | 0.64      | 0.082     | 0.974 | 0.039     | 0.039     | 0         | 63.6 | 64.9 | 56.3 | 180        | 183        | 0          | 32     | 32     |
| 2009 | 6     | 24  | 19   | 26     | 26     | 0.594     | 0.016     | 0.971 | 0.043     | 0.039     | 0         | 63.6 | 64.1 | 55   | 180        | 182        | 0          | 32     | 33     |
| 2009 | 6     | 24  | 19   | 36     | 26     | 0.623     | 0.066     | 0.968 | 0.036     | 0.033     | 0         | 63.2 | 64.1 | 56.8 | 179        | 181        | 0          | 32     | 32     |
| 2009 | 6     | 24  | 19   | 46     | 26     | 0.659     | 0.098     | 0.968 | 0.039     | 0.039     | 0         | 63.2 | 64.5 | 56.3 | 180        | 182        | 0          | 33     | 32     |
| 2009 | 6     | 24  | 19   | 56     | 26     | 0.64      | 0.138     | 0.965 | 0.039     | 0.039     | 0         | 62.4 | 63.2 | 57.6 | 178        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 20   | 6      | 26     | 0.495     | 0.056     | 0.965 | 0.039     | 0.036     | 0         | 62.8 | 64.1 | 56.3 | 179        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 20   | 16     | 26     | 0.564     | 0.138     | 0.961 | 0.036     | 0.033     | 0         | 63.6 | 64.1 | 55.5 | 180        | 182        | 0          | 32     | 33     |
| 2009 | 6     | 24  | 20   | 26     | 26     | 0.597     | 0.092     | 0.961 | 0.036     | 0.033     | 0         | 62.8 | 64.5 | 55.5 | 179        | 182        | 0          | 33     | 32     |
| 2009 | 6     | 24  | 20   | 36     | 26     | 0.515     | 0.085     | 0.958 | 0.036     | 0.033     | 0         | 62.8 | 64.1 | 54.6 | 179        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 20   | 46     | 26     | 0.538     | 0.049     | 0.955 | 0.039     | 0.036     | 0         | 62.8 | 64.1 | 54.2 | 179        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 20   | 56     | 26     | 0.541     | 0.026     | 0.955 | 0.039     | 0.039     | 0         | 62.4 | 63.6 | 55   | 178        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 21   | 6      | 26     | 0.574     | 0.075     | 0.948 | 0.039     | 0.039     | 0         | 63.2 | 63.6 | 53.3 | 179        | 181        | 0          | 32     | 33     |
| 2009 | 6     | 24  | 21   | 16     | 26     | 0.535     | 0.062     | 0.948 | 0.039     | 0.036     | 0         | 62.8 | 63.6 | 55.5 | 179        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 21   | 26     | 26     | 0.479     | 0.033     | 0.945 | 0.036     | 0.033     | 0         | 62.4 | 63.2 | 55   | 178        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 21   | 36     | 26     | 0.545     | 0.033     | 0.945 | 0.039     | 0.039     | 0         | 61.9 | 63.2 | 55.5 | 177        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 21   | 46     | 26     | 0.502     | 0.052     | 0.942 | 0.039     | 0.039     | 0         | 61.9 | 63.2 | 55.9 | 177        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 21   | 56     | 26     | 0.489     | 0.033     | 0.942 | 0.049     | 0.049     | 0         | 62.4 | 64.1 | 55.5 | 178        | 181        | 0          | 33     | 32     |
| 2009 | 6     | 24  | 22   | 6      | 26     | 0.568     | 0.102     | 0.938 | 0.036     | 0.033     | 0         | 61.9 | 62.8 | 56.3 | 177        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 22   | 16     | 26     | 0.617     | 0.03      | 0.938 | 0.043     | 0.039     | 0         | 61.9 | 63.6 | 54.6 | 178        | 180        | 0          | 34     | 32     |
| 2009 | 6     | 24  | 22   | 26     | 26     | 0.548     | 0.089     | 0.935 | 0.039     | 0.036     | 0         | 61.5 | 63.2 | 56.3 | 177        | 180        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 22   | 36     | 26     | 0.541     | -0.043    | 0.935 | 0.039     | 0.039     | 0         | 64.1 | 66.2 | 53.3 | 182        | 186        | 0          | 33     | 32     |
| 2009 | 6     | 24  | 22   | 46     | 26     | 0.453     | 0.013     | 0.935 | 0.046     | 0.043     | 0         | 64.5 | 65.8 | 53.3 | 183        | 186        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 22   | 56     | 26     | 0.564     | -0.013    | 0.935 | 0.043     | 0.039     | 0         | 64.5 | 65.4 | 52   | 183        | 185        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 23   | 6      | 26     | 0.479     | 0.016     | 0.935 | 0.039     | 0.036     | 0         | 64.1 | 64.9 | 52   | 182        | 185        | 0          | 33     | 34     |
| 2009 | 6     | 24  | 23   | 16     | 26     | 0.443     | 0.026     | 0.935 | 0.039     | 0.039     | 0         | 61.5 | 63.2 | 56.3 | 177        | 180        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 23   | 26     | 26     | 0.499     | 0         | 0.935 | 0.039     | 0.036     | 0         | 61.5 | 62.8 | 57.2 | 176        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 23   | 36     | 26     | 0.509     | 0.01      | 0.935 | 0.039     | 0.036     | 0         | 62.8 | 63.6 | 56.8 | 178        | 181        | 0          | 32     | 33     |
| 2009 | 6     | 24  | 23   | 46     | 26     | 0.531     | -0.013    | 0.935 | 0.033     | 0.03      | 0         | 61.9 | 62.8 | 55.9 | 177        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 23   | 56     | 26     | 0.528     | -0.079    | 0.935 | 0.039     | 0.039     | 0         | 60.2 | 61.5 | 58   | 174        | 176        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 25  | 0    | 6      | 26     | 0.512     | -0.03     | 0.935 | 0.049     | 0.049     | 0         | 61.1 | 61.5 | 59.3 | 175        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 0    | 16     | 26     | 0.509     | -0.072    | 0.935 | 0.039     | 0.039     | 0         | 61.9 | 62.8 | 57.2 | 177        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 0    | 26     | 26     | 0.535     | 0.026     | 0.935 | 0.039     | 0.036     | 0         | 60.6 | 61.9 | 58.5 | 175        | 177        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 0    | 36     | 26     | 0.456     | 0.023     | 0.932 | 0.039     | 0.036     | 0         | 61.1 | 62.4 | 56.8 | 175        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 0    | 46     | 26     | 0.449     | -0.072    | 0.932 | 0.033     | 0.03      | 0         | 61.1 | 62.4 | 58   | 175        | 177        | 0          | 33     | 32     |
| 2009 | 6     | 25  | 0    | 56     | 26     | 0.492     | -0.036    | 0.932 | 0.039     | 0.036     | 0         | 60.6 | 61.9 | 58.5 | 174        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 1    | 6      | 26     | 0.502     | 0.069     | 0.932 | 0.039     | 0.036     | 0         | 60.6 | 62.8 | 58.5 | 175        | 178        | 0          | 34     | 32     |
| 2009 | 6     | 25  | 1    | 16     | 26     | 0.558     | 0.039     | 0.932 | 0.039     | 0.036     | 0         | 61.1 | 62.4 | 58.9 | 175        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 1    | 26     | 26     | 0.476     | -0.023    | 0.932 | 0.043     | 0.039     | 0         | 61.9 | 63.6 | 56.3 | 178        | 181        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 1    | 36     | 26     | 0.482     | 0.023     | 0.932 | 0.043     | 0.039     | 0         | 63.6 | 65.8 | 53.8 | 182        | 186        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 1    | 46     | 26     | 0.453     | -0.036    | 0.932 | 0.039     | 0.039     | 0         | 61.5 | 62.8 | 57.2 | 176        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 1    | 56     | 26     | 0.463     | 0.01      | 0.932 | 0.043     | 0.039     | 0         | 61.1 | 62.4 | 58.5 | 175        | 179        | 0          | 33     | 34     |
| 2009 | 6     | 25  | 2    | 6      | 26     | 0.466     | -0.049    | 0.932 | 0.036     | 0.033     | 0         | 62.4 | 63.2 | 57.2 | 178        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 2    | 16     | 26     | 0.443     | -0.007    | 0.932 | 0.036     | 0.033     | 0         | 60.6 | 62.8 | 59.3 | 174        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 25  | 2    | 26     | 26     | 0.466     | 0.007     | 0.932 | 0.039     | 0.039     | 0         | 61.5 | 62.8 | 58.5 | 175        | 179        | 0          | 32     | 33     |
| 2009 | 6     | 25  | 2    | 36     | 26     | 0.538     | 0.02      | 0.928 | 0.039     | 0.036     | 0         | 60.2 | 61.9 | 59.8 | 174        | 177        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 2    | 46     | 26     | 0.512     | -0.02     | 0.928 | 0.036     | 0.033     | 0         | 61.9 | 63.6 | 57.2 | 177        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 2    | 56     | 26     | 0.472     | -0.03     | 0.932 | 0.043     | 0.039     | 0         | 62.4 | 64.1 | 56.3 | 178        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 3    | 6      | 26     | 0.551     | 0.082     | 0.928 | 0.043     | 0.043     | 0         | 62.8 | 64.5 | 55   | 180        | 183        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 3    | 16     | 26     | 0.436     | -0.007    | 0.928 | 0.046     | 0.043     | 0         | 65.4 | 67.1 | 52   | 185        | 189        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 3    | 26     | 26     | 0.509     | -0.089    | 0.928 | 0.043     | 0.039     | 0         | 62.8 | 64.1 | 56.3 | 179        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 3    | 36     | 26     | 0.486     | -0.095    | 0.928 | 0.033     | 0.03      | 0         | 59.3 | 61.1 | 61.1 | 172        | 174        | 0          | 34     | 32     |
| 2009 | 6     | 25  | 3    | 46     | 26     | 0.413     | 0.013     | 0.928 | 0.039     | 0.039     | 0         | 59.3 | 61.1 | 61.1 | 172        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 3    | 56     | 26     | 0.476     | -0.056    | 0.928 | 0.049     | 0.046     | 0         | 61.9 | 63.6 | 56.8 | 178        | 181        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 4    | 6      | 26     | 0.479     | -0.102    | 0.928 | 0.043     | 0.039     | 0         | 63.2 | 65.4 | 55   | 181        | 185        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 4    | 16     | 26     | 0.433     | -0.043    | 0.932 | 0.039     | 0.036     | 0         | 62.4 | 63.2 | 57.2 | 178        | 181        | 0          | 33     | 34     |
| 2009 | 6     | 25  | 4    | 26     | 26     | 0.502     | 0         | 0.928 | 0.043     | 0.043     | 0         | 58.9 | 60.6 | 60.2 | 171        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 4    | 36     | 26     | 0.486     | -0.039    | 0.928 | 0.036     | 0.033     | 0         | 58.5 | 59.8 | 61.5 | 170        | 173        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 4    | 46     | 26     | 0.525     | -0.013    | 0.928 | 0.039     | 0.036     | 0         | 58.5 | 59.3 | 62.8 | 169        | 172        | 0          | 33     | 34     |
| 2009 | 6     | 25  | 4    | 56     | 26     | 0.505     | -0.033    | 0.928 | 0.033     | 0.03      | 0         | 58.9 | 60.6 | 61.9 | 170        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 5    | 6      | 26     | 0.515     | -0.02     | 0.928 | 0.039     | 0.036     | 0         | 58   | 59.8 | 62.8 | 169        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 5    | 16     | 26     | 0.505     | -0.052    | 0.928 | 0.039     | 0.039     | 0         | 58   | 59.3 | 62.8 | 168        | 172        | 0          | 33     | 34     |
| 2009 | 6     | 25  | 5    | 26     | 26     | 0.538     | 0.01      | 0.928 | 0.039     | 0.039     | 0         | 58.9 | 59.8 | 60.6 | 170        | 173        | 0          | 33     | 34     |
| 2009 | 6     | 25  | 5    | 36     | 26     | 0.502     | 0         | 0.928 | 0.043     | 0.039     | 0         | 58.5 | 59.8 | 61.9 | 169        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 5    | 46     | 26     | 0.469     | 0.062     | 0.928 | 0.039     | 0.039     | 0         | 58.9 | 60.2 | 61.5 | 170        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 5    | 56     | 26     | 0.538     | -0.003    | 0.928 | 0.039     | 0.036     | 0         | 59.8 | 60.6 | 60.2 | 172        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 6    | 6      | 26     | 0.472     | -0.016    | 0.928 | 0.039     | 0.039     | 0         | 59.3 | 59.8 | 60.2 | 171        | 174        | 0          | 33     | 35     |
| 2009 | 6     | 25  | 6    | 16     | 26     | 0.512     | 0.007     | 0.928 | 0.036     | 0.033     | 0         | 58.9 | 60.2 | 61.9 | 170        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 6    | 26     | 26     | 0.561     | 0.013     | 0.928 | 0.039     | 0.036     | 0         | 58.5 | 59.8 | 61.5 | 169        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 6    | 36     | 26     | 0.492     | -0.016    | 0.928 | 0.039     | 0.036     | 0         | 57.2 | 58.5 | 63.6 | 166        | 170        | 0          | 33     | 34     |
| 2009 | 6     | 25  | 6    | 46     | 26     | 0.486     | -0.066    | 0.928 | 0.043     | 0.039     | 0         | 57.6 | 59.3 | 62.8 | 168        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 6    | 56     | 26     | 0.499     | 0.02      | 0.928 | 0.039     | 0.036     | 0         | 58.5 | 59.3 | 61.9 | 169        | 172        | 0          | 33     | 34     |
| 2009 | 6     | 25  | 7    | 6      | 26     | 0.466     | 0.003     | 0.928 | 0.033     | 0.03      | 0         | 57.2 | 58.9 | 63.2 | 167        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 7    | 16     | 26     | 0.515     | 0.01      | 0.928 | 0.036     | 0.033     | 0         | 57.2 | 58.5 | 63.6 | 167        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 7    | 26     | 26     | 0.515     | 0.059     | 0.928 | 0.036     | 0.033     | 0         | 57.2 | 58.5 | 62.8 | 167        | 170        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 7    | 36     | 26     | 0.479     | -0.066    | 0.928 | 0.033     | 0.03      | 0         | 58   | 59.8 | 62.4 | 169        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 7    | 46     | 26     | 0.561     | 0.085     | 0.928 | 0.039     | 0.036     | 0         | 57.6 | 59.3 | 62.8 | 168        | 172        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 7    | 56     | 26     | 0.476     | 0.089     | 0.928 | 0.039     | 0.036     | 0         | 57.6 | 58.9 | 63.2 | 168        | 171        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 25  | 8    | 6      | 26     | 0.42      | 0.023     | 0.928 | 0.043     | 0.039     | 0         | 57.6 | 59.3 | 63.6 | 168        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 8    | 16     | 26     | 0.486     | 0.046     | 0.928 | 0.049     | 0.046     | 0         | 58   | 58.5 | 64.1 | 168        | 170        | 0          | 33     | 34     |
| 2009 | 6     | 25  | 8    | 26     | 26     | 0.482     | 0         | 0.928 | 0.043     | 0.039     | 0         | 58.5 | 59.8 | 63.2 | 169        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 8    | 36     | 26     | 0.564     | -0.016    | 0.928 | 0.039     | 0.036     | 0         | 58   | 59.3 | 63.2 | 168        | 172        | 0          | 33     | 34     |
| 2009 | 6     | 25  | 8    | 46     | 26     | 0.522     | 0.026     | 0.928 | 0.043     | 0.039     | 0         | 57.6 | 59.3 | 63.6 | 168        | 172        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 8    | 56     | 26     | 0.502     | 0.108     | 0.928 | 0.039     | 0.039     | 0         | 58.5 | 59.3 | 62.8 | 169        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 9    | 6      | 26     | 0.449     | 0.046     | 0.928 | 0.039     | 0.036     | 0         | 58.5 | 59.8 | 62.4 | 170        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 9    | 16     | 26     | 0.512     | 0.075     | 0.928 | 0.039     | 0.039     | 0         | 58.5 | 60.2 | 63.6 | 169        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 9    | 26     | 26     | 0.466     | 0.007     | 0.928 | 0.039     | 0.039     | 0         | 58.9 | 59.8 | 62.8 | 170        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 9    | 36     | 26     | 0.518     | 0.036     | 0.928 | 0.039     | 0.039     | 0         | 57.6 | 59.3 | 64.5 | 168        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 9    | 46     | 26     | 0.554     | 0.03      | 0.932 | 0.039     | 0.036     | 0         | 58.5 | 59.8 | 63.6 | 168        | 171        | 0          | 32     | 32     |
| 2009 | 6     | 25  | 9    | 56     | 26     | 0.522     | 0.079     | 0.932 | 0.036     | 0.033     | 0         | 58   | 59.3 | 64.5 | 168        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 10   | 6      | 26     | 0.453     | 0.026     | 0.932 | 0.039     | 0.036     | 0         | 58.5 | 59.3 | 64.1 | 169        | 170        | 0          | 33     | 32     |
| 2009 | 6     | 25  | 10   | 16     | 26     | 0.502     | 0.046     | 0.932 | 0.043     | 0.039     | 0         | 60.2 | 61.1 | 61.9 | 173        | 176        | 0          | 33     | 34     |
| 2009 | 6     | 25  | 10   | 26     | 26     | 0.43      | 0         | 0.932 | 0.049     | 0.049     | 0         | 59.3 | 61.1 | 61.9 | 171        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 10   | 36     | 26     | 0.469     | 0.062     | 0.932 | 0.046     | 0.043     | 0         | 60.2 | 61.5 | 62.4 | 173        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 10   | 46     | 26     | 0.427     | 0.069     | 0.932 | 0.039     | 0.036     | 0         | 60.6 | 62.4 | 61.5 | 174        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 10   | 56     | 26     | 0.476     | 0.016     | 0.932 | 0.036     | 0.033     | 0         | 61.1 | 62.8 | 61.1 | 175        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 11   | 6      | 26     | 0.505     | 0.075     | 0.932 | 0.039     | 0.036     | 0         | 61.9 | 63.6 | 59.8 | 177        | 180        | 0          | 33     | 32     |
| 2009 | 6     | 25  | 11   | 16     | 26     | 0.463     | -0.013    | 0.932 | 0.043     | 0.039     | 0         | 62.8 | 64.5 | 57.6 | 179        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 11   | 26     | 26     | 0.466     | 0.082     | 0.932 | 0.039     | 0.039     | 0         | 62.4 | 64.1 | 58.9 | 178        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 11   | 36     | 26     | 0.495     | 0.043     | 0.932 | 0.039     | 0.039     | 0         | 63.2 | 64.1 | 57.6 | 180        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 11   | 46     | 26     | 0.495     | 0.092     | 0.932 | 0.046     | 0.043     | 0         | 64.1 | 65.4 | 57.6 | 181        | 184        | 0          | 32     | 32     |
| 2009 | 6     | 25  | 11   | 56     | 26     | 0.482     | 0.043     | 0.932 | 0.043     | 0.039     | 0         | 62.4 | 64.1 | 59.8 | 178        | 181        | 0          | 33     | 32     |
| 2009 | 6     | 25  | 12   | 6      | 26     | 0.466     | 0.105     | 0.932 | 0.046     | 0.046     | 0         | 63.2 | 64.9 | 58.5 | 180        | 183        | 0          | 33     | 32     |
| 2009 | 6     | 25  | 12   | 16     | 26     | 0.397     | 0.072     | 0.932 | 0.033     | 0.03      | 0         | 63.6 | 65.4 | 57.6 | 181        | 184        | 0          | 33     | 32     |
| 2009 | 6     | 25  | 12   | 26     | 26     | 0.518     | 0.072     | 0.932 | 0.043     | 0.039     | 0         | 62.8 | 64.5 | 59.8 | 179        | 182        | 0          | 33     | 32     |
| 2009 | 6     | 25  | 12   | 36     | 26     | 0.469     | 0.052     | 0.932 | 0.046     | 0.043     | 0         | 63.6 | 65.8 | 56.8 | 181        | 185        | 0          | 33     | 32     |
| 2009 | 6     | 25  | 12   | 46     | 26     | 0.486     | 0.151     | 0.932 | 0.036     | 0.033     | 0         | 63.2 | 64.5 | 58.5 | 179        | 182        | 0          | 32     | 32     |
| 2009 | 6     | 25  | 12   | 56     | 26     | 0.531     | 0.079     | 0.932 | 0.039     | 0.036     | 0         | 63.2 | 64.9 | 58   | 179        | 183        | 0          | 32     | 32     |
| 2009 | 6     | 25  | 13   | 6      | 26     | 0.443     | 0.039     | 0.932 | 0.039     | 0.036     | 0         | 63.2 | 64.5 | 57.2 | 180        | 182        | 0          | 33     | 32     |
| 2009 | 6     | 25  | 13   | 16     | 26     | 0.39      | 0.128     | 0.928 | 0.043     | 0.039     | 0         | 66.2 | 67.5 | 53.3 | 186        | 189        | 0          | 32     | 32     |
| 2009 | 6     | 25  | 13   | 26     | 26     | 0.463     | 0         | 0.932 | 0.036     | 0.033     | 0         | 65.4 | 66.7 | 55.5 | 184        | 187        | 0          | 32     | 32     |
| 2009 | 6     | 25  | 13   | 36     | 26     | 0.558     | -0.059    | 0.932 | 0.043     | 0.039     | 0         | 68.4 | 70.1 | 50.7 | 191        | 195        | 0          | 32     | 32     |
| 2009 | 6     | 25  | 13   | 46     | 26     | 0.509     | 0.121     | 0.932 | 0.043     | 0.039     | 0         | 64.5 | 66.7 | 55   | 182        | 187        | 0          | 32     | 32     |
| 2009 | 6     | 25  | 13   | 56     | 26     | 0.469     | 0.131     | 0.932 | 0.046     | 0.043     | 0         | 65.4 | 67.5 | 55.5 | 184        | 188        | 0          | 32     | 31     |
| 2009 | 6     | 25  | 14   | 6      | 26     | 0.489     | 0.112     | 0.932 | 0.039     | 0.036     | 0         | 64.9 | 66.7 | 55.9 | 183        | 186        | 0          | 32     | 31     |
| 2009 | 6     | 25  | 14   | 16     | 26     | 0.502     | 0.108     | 0.932 | 0.039     | 0.039     | 0         | 65.4 | 67.1 | 55   | 184        | 187        | 0          | 32     | 31     |
| 2009 | 6     | 25  | 14   | 26     | 26     | 0.43      | 0.092     | 0.935 | 0.039     | 0.036     | 0         | 66.2 | 67.9 | 53.8 | 186        | 190        | 0          | 32     | 32     |
| 2009 | 6     | 25  | 14   | 36     | 26     | 0.538     | 0.167     | 0.935 | 0.039     | 0.039     | 0         | 65.4 | 67.1 | 53.8 | 185        | 188        | 0          | 33     | 32     |
| 2009 | 6     | 25  | 14   | 46     | 26     | 0.515     | 0.207     | 0.935 | 0.039     | 0.039     | 0         | 65.8 | 67.1 | 54.6 | 185        | 188        | 0          | 32     | 32     |
| 2009 | 6     | 25  | 14   | 56     | 26     | 0.518     | 0.164     | 0.935 | 0.043     | 0.039     | 0         | 64.9 | 67.1 | 55.9 | 183        | 187        | 0          | 32     | 31     |
| 2009 | 6     | 25  | 15   | 6      | 26     | 0.43      | 0.217     | 0.935 | 0.039     | 0.036     | 0         | 64.9 | 66.7 | 55.9 | 183        | 187        | 0          | 32     | 32     |
| 2009 | 6     | 25  | 15   | 16     | 26     | 0.492     | 0.125     | 0.935 | 0.039     | 0.036     | 0         | 65.4 | 67.1 | 54.6 | 184        | 188        | 0          | 32     | 32     |
| 2009 | 6     | 25  | 15   | 26     | 26     | 0.449     | 0.157     | 0.935 | 0.039     | 0.036     | 0         | 66.7 | 68.4 | 53.8 | 187        | 190        | 0          | 32     | 31     |
| 2009 | 6     | 25  | 15   | 36     | 26     | 0.41      | 0.24      | 0.935 | 0.039     | 0.036     | 0         | 65.4 | 67.1 | 55.5 | 184        | 187        | 0          | 32     | 31     |
| 2009 | 6     | 25  | 15   | 46     | 26     | 0.577     | 0.128     | 0.938 | 0.043     | 0.039     | 0         | 67.1 | 68.8 | 53.3 | 188        | 191        | 0          | 32     | 31     |
| 2009 | 6     | 25  | 15   | 56     | 26     | 0.449     | 0.203     | 0.938 | 0.043     | 0.039     | 0         | 64.5 | 66.2 | 55.9 | 182        | 186        | 0          | 32     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 25  | 16   | 6      | 26     | 0.528     | 0.253     | 0.935 | 0.046     | 0.043     | 0         | 64.5 | 67.1 | 55   | 182        | 187        | 0          | 32     | 31     |
| 2009 | 6     | 25  | 16   | 16     | 26     | 0.495     | 0.154     | 0.938 | 0.039     | 0.036     | 0         | 64.9 | 66.2 | 56.3 | 183        | 186        | 0          | 32     | 32     |
| 2009 | 6     | 25  | 16   | 26     | 26     | 0.407     | 0.282     | 0.935 | 0.039     | 0.039     | 0         | 64.1 | 65.4 | 55   | 181        | 184        | 0          | 32     | 32     |
| 2009 | 6     | 25  | 16   | 36     | 26     | 0.469     | 0.246     | 0.938 | 0.039     | 0.039     | 0         | 63.6 | 66.2 | 55.9 | 181        | 185        | 0          | 33     | 31     |
| 2009 | 6     | 25  | 16   | 46     | 26     | 0.502     | 0.279     | 0.935 | 0.046     | 0.043     | 0         | 63.6 | 65.8 | 55.9 | 180        | 184        | 0          | 32     | 31     |
| 2009 | 6     | 25  | 16   | 56     | 26     | 0.453     | 0.325     | 0.938 | 0.039     | 0.039     | 0         | 64.1 | 65.8 | 55.5 | 181        | 185        | 0          | 32     | 32     |
| 2009 | 6     | 25  | 17   | 6      | 26     | 0.443     | 0.318     | 0.935 | 0.039     | 0.036     | 0         | 63.6 | 64.9 | 55.9 | 180        | 183        | 0          | 32     | 32     |
| 2009 | 6     | 25  | 17   | 16     | 26     | 0.446     | 0.203     | 0.938 | 0.046     | 0.043     | 0         | 63.2 | 65.4 | 56.3 | 179        | 183        | 0          | 32     | 31     |
| 2009 | 6     | 25  | 17   | 26     | 26     | 0.495     | 0.177     | 0.938 | 0.043     | 0.039     | 0         | 64.5 | 66.2 | 55   | 182        | 185        | 0          | 32     | 31     |
| 2009 | 6     | 25  | 17   | 36     | 26     | 0.43      | 0.24      | 0.935 | 0.043     | 0.039     | 0         | 61.5 | 62.8 | 58.5 | 176        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 25  | 17   | 46     | 26     | 0.482     | 0.197     | 0.938 | 0.039     | 0.036     | 0         | 61.9 | 63.2 | 57.6 | 177        | 179        | 0          | 33     | 32     |
| 2009 | 6     | 25  | 17   | 56     | 26     | 0.433     | 0.171     | 0.935 | 0.039     | 0.036     | 0         | 61.5 | 62.8 | 58.5 | 175        | 178        | 0          | 32     | 32     |
| 2009 | 6     | 25  | 18   | 6      | 26     | 0.453     | 0.144     | 0.938 | 0.043     | 0.039     | 0         | 61.5 | 62.8 | 58.5 | 175        | 178        | 0          | 32     | 32     |
| 2009 | 6     | 25  | 18   | 16     | 26     | 0.469     | 0.151     | 0.935 | 0.039     | 0.039     | 0         | 61.5 | 62.8 | 58.9 | 175        | 178        | 0          | 32     | 32     |
| 2009 | 6     | 25  | 18   | 26     | 26     | 0.531     | 0.151     | 0.935 | 0.039     | 0.039     | 0         | 61.1 | 62.8 | 58.9 | 175        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 25  | 18   | 36     | 26     | 0.512     | 0.115     | 0.935 | 0.033     | 0.03      | 0         | 61.9 | 63.2 | 58   | 176        | 179        | 0          | 32     | 32     |
| 2009 | 6     | 25  | 18   | 46     | 26     | 0.492     | 0.135     | 0.935 | 0.043     | 0.039     | 0         | 60.2 | 62.4 | 60.2 | 173        | 177        | 0          | 33     | 32     |
| 2009 | 6     | 25  | 18   | 56     | 26     | 0.509     | 0.062     | 0.935 | 0.039     | 0.036     | 0         | 60.6 | 62.8 | 59.3 | 174        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 25  | 19   | 6      | 26     | 0.482     | 0.141     | 0.935 | 0.039     | 0.039     | 0         | 61.1 | 62.8 | 58   | 175        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 25  | 19   | 16     | 26     | 0.479     | 0.085     | 0.935 | 0.039     | 0.036     | 0         | 60.6 | 61.9 | 59.8 | 173        | 176        | 0          | 32     | 32     |
| 2009 | 6     | 25  | 19   | 26     | 26     | 0.509     | 0.105     | 0.935 | 0.039     | 0.039     | 0         | 59.8 | 60.6 | 61.9 | 171        | 173        | 0          | 32     | 32     |
| 2009 | 6     | 25  | 19   | 36     | 26     | 0.518     | 0.121     | 0.935 | 0.039     | 0.039     | 0         | 59.3 | 61.1 | 61.5 | 171        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 25  | 19   | 46     | 26     | 0.597     | -0.003    | 0.935 | 0.039     | 0.039     | 0         | 58.9 | 60.2 | 61.9 | 170        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 19   | 56     | 26     | 0.469     | 0.03      | 0.935 | 0.036     | 0.033     | 0         | 60.2 | 62.4 | 59.8 | 173        | 177        | 0          | 33     | 32     |
| 2009 | 6     | 25  | 20   | 6      | 26     | 0.489     | 0.102     | 0.938 | 0.039     | 0.039     | 0         | 58.5 | 60.2 | 61.5 | 169        | 172        | 0          | 33     | 32     |
| 2009 | 6     | 25  | 20   | 16     | 26     | 0.515     | 0.036     | 0.935 | 0.039     | 0.039     | 0         | 59.8 | 61.5 | 59.8 | 172        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 20   | 26     | 26     | 0.509     | 0.043     | 0.935 | 0.039     | 0.036     | 0         | 59.3 | 61.5 | 61.1 | 171        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 25  | 20   | 36     | 26     | 0.443     | -0.049    | 0.938 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 61.1 | 171        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 25  | 20   | 46     | 26     | 0.558     | 0.154     | 0.938 | 0.039     | 0.039     | 0         | 58.9 | 60.6 | 61.1 | 170        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 20   | 56     | 26     | 0.509     | 0.043     | 0.938 | 0.039     | 0.039     | 0         | 61.9 | 63.2 | 57.6 | 176        | 179        | 0          | 32     | 32     |
| 2009 | 6     | 25  | 21   | 6      | 26     | 0.505     | 0.013     | 0.938 | 0.043     | 0.039     | 0         | 62.4 | 63.6 | 56.8 | 178        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 21   | 16     | 26     | 0.538     | 0.092     | 0.938 | 0.036     | 0.033     | 0         | 61.9 | 62.8 | 58.9 | 176        | 178        | 0          | 32     | 32     |
| 2009 | 6     | 25  | 21   | 26     | 26     | 0.459     | 0.02      | 0.938 | 0.039     | 0.039     | 0         | 61.1 | 62.8 | 58.5 | 175        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 25  | 21   | 36     | 26     | 0.509     | 0.052     | 0.938 | 0.046     | 0.043     | 0         | 61.1 | 62.8 | 57.6 | 175        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 25  | 21   | 46     | 26     | 0.505     | 0.013     | 0.938 | 0.039     | 0.036     | 0         | 61.1 | 62.4 | 57.2 | 175        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 21   | 56     | 26     | 0.564     | 0.003     | 0.935 | 0.036     | 0.033     | 0         | 62.8 | 64.5 | 54.2 | 179        | 182        | 0          | 33     | 32     |
| 2009 | 6     | 25  | 22   | 6      | 26     | 0.453     | 0.138     | 0.935 | 0.039     | 0.036     | 0         | 62.8 | 64.9 | 54.6 | 179        | 183        | 0          | 33     | 32     |
| 2009 | 6     | 25  | 22   | 16     | 26     | 0.522     | 0.039     | 0.938 | 0.043     | 0.039     | 0         | 64.5 | 66.2 | 52.5 | 183        | 187        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 22   | 26     | 26     | 0.531     | 0.164     | 0.935 | 0.049     | 0.049     | 0         | 64.1 | 65.8 | 52.9 | 182        | 186        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 22   | 36     | 26     | 0.63      | 0.115     | 0.938 | 0.043     | 0.039     | 0         | 62.4 | 64.1 | 55   | 178        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 22   | 46     | 26     | 0.607     | 0.102     | 0.938 | 0.039     | 0.039     | 0         | 61.9 | 63.6 | 55.5 | 177        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 22   | 56     | 26     | 0.554     | 0.049     | 0.938 | 0.052     | 0.049     | 0         | 62.4 | 64.1 | 54.2 | 177        | 182        | 0          | 32     | 33     |
| 2009 | 6     | 25  | 23   | 6      | 26     | 0.535     | 0.112     | 0.938 | 0.039     | 0.036     | 0         | 62.4 | 64.1 | 54.2 | 178        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 23   | 16     | 26     | 0.518     | 0.003     | 0.938 | 0.049     | 0.046     | 0         | 62.8 | 64.1 | 54.2 | 179        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 23   | 26     | 26     | 0.522     | 0.062     | 0.942 | 0.039     | 0.039     | 0         | 62.8 | 64.5 | 54.2 | 179        | 183        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 23   | 36     | 26     | 0.561     | 0.085     | 0.942 | 0.043     | 0.039     | 0         | 61.9 | 63.2 | 55.5 | 177        | 181        | 0          | 33     | 34     |
| 2009 | 6     | 25  | 23   | 46     | 26     | 0.614     | 0.075     | 0.942 | 0.039     | 0.036     | 0         | 61.5 | 63.6 | 54.2 | 177        | 181        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 23   | 56     | 26     | 0.482     | 0.082     | 0.948 | 0.039     | 0.039     | 0         | 63.6 | 64.9 | 52   | 180        | 184        | 0          | 32     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 26  | 0    | 6      | 26     | 0.564     | 0.079     | 0.945 | 0.043     | 0.039     | 0         | 61.1 | 63.2 | 55.9 | 176        | 180        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 0    | 16     | 26     | 0.597     | 0.056     | 0.945 | 0.039     | 0.039     | 0         | 62.8 | 65.4 | 52.9 | 179        | 184        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 0    | 26     | 26     | 0.561     | 0         | 0.945 | 0.033     | 0.03      | 0         | 61.5 | 62.8 | 55.9 | 176        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 0    | 36     | 26     | 0.554     | 0.144     | 0.945 | 0.039     | 0.036     | 0         | 61.1 | 62.8 | 56.3 | 175        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 0    | 46     | 26     | 0.515     | -0.03     | 0.948 | 0.039     | 0.036     | 0         | 60.6 | 62.4 | 55.5 | 174        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 0    | 56     | 26     | 0.463     | 0.049     | 0.948 | 0.036     | 0.033     | 0         | 60.6 | 62.4 | 56.3 | 174        | 177        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 1    | 6      | 26     | 0.469     | -0.003    | 0.945 | 0.039     | 0.039     | 0         | 61.9 | 63.6 | 54.6 | 177        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 1    | 16     | 26     | 0.509     | 0.013     | 0.948 | 0.039     | 0.039     | 0         | 61.1 | 63.2 | 54.6 | 176        | 180        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 1    | 26     | 26     | 0.554     | 0.039     | 0.948 | 0.039     | 0.036     | 0         | 60.2 | 61.1 | 57.2 | 173        | 176        | 0          | 33     | 34     |
| 2009 | 6     | 26  | 1    | 36     | 26     | 0.525     | 0.046     | 0.948 | 0.039     | 0.036     | 0         | 61.1 | 62.4 | 57.2 | 175        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 1    | 46     | 26     | 0.531     | 0.016     | 0.948 | 0.039     | 0.039     | 0         | 60.2 | 61.9 | 57.6 | 173        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 1    | 56     | 26     | 0.492     | -0.013    | 0.945 | 0.036     | 0.033     | 0         | 61.9 | 63.2 | 54.6 | 177        | 181        | 0          | 33     | 34     |
| 2009 | 6     | 26  | 2    | 6      | 26     | 0.568     | -0.01     | 0.945 | 0.039     | 0.036     | 0         | 60.2 | 62.8 | 57.6 | 173        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 2    | 16     | 26     | 0.564     | 0         | 0.948 | 0.039     | 0.036     | 0         | 61.5 | 63.2 | 56.3 | 176        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 2    | 26     | 26     | 0.502     | -0.043    | 0.948 | 0.046     | 0.043     | 0         | 61.5 | 63.2 | 55.5 | 176        | 181        | 0          | 33     | 34     |
| 2009 | 6     | 26  | 2    | 36     | 26     | 0.571     | 0         | 0.951 | 0.039     | 0.036     | 0         | 59.8 | 60.6 | 58   | 172        | 175        | 0          | 33     | 34     |
| 2009 | 6     | 26  | 2    | 46     | 26     | 0.505     | -0.02     | 0.948 | 0.039     | 0.036     | 0         | 59.8 | 61.5 | 57.6 | 172        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 2    | 56     | 26     | 0.495     | 0.059     | 0.948 | 0.046     | 0.043     | 0         | 60.2 | 62.4 | 56.8 | 174        | 178        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 3    | 6      | 26     | 0.486     | 0.085     | 0.951 | 0.039     | 0.036     | 0         | 59.8 | 61.1 | 57.6 | 172        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 3    | 16     | 26     | 0.518     | -0.013    | 0.951 | 0.043     | 0.039     | 0         | 59.3 | 61.5 | 58   | 171        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 3    | 26     | 26     | 0.538     | 0.043     | 0.948 | 0.043     | 0.039     | 0         | 60.2 | 62.4 | 57.2 | 174        | 178        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 3    | 36     | 26     | 0.433     | 0.036     | 0.948 | 0.043     | 0.039     | 0         | 59.3 | 61.5 | 58.5 | 172        | 177        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 3    | 46     | 26     | 0.476     | 0.079     | 0.948 | 0.036     | 0.033     | 0         | 59.3 | 61.5 | 57.6 | 172        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 3    | 56     | 26     | 0.531     | 0.066     | 0.948 | 0.043     | 0.039     | 0         | 59.3 | 61.5 | 57.6 | 171        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 4    | 6      | 26     | 0.535     | 0.013     | 0.948 | 0.036     | 0.033     | 0         | 59.8 | 61.5 | 58.9 | 172        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 4    | 16     | 26     | 0.548     | -0.016    | 0.948 | 0.039     | 0.036     | 0         | 58.9 | 60.2 | 58.9 | 170        | 174        | 0          | 33     | 34     |
| 2009 | 6     | 26  | 4    | 26     | 26     | 0.535     | 0.066     | 0.948 | 0.039     | 0.036     | 0         | 58.9 | 61.1 | 58   | 171        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 4    | 36     | 26     | 0.548     | 0.023     | 0.945 | 0.033     | 0.03      | 0         | 59.3 | 61.5 | 58   | 172        | 176        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 4    | 46     | 26     | 0.489     | 0.036     | 0.948 | 0.036     | 0.033     | 0         | 59.8 | 61.5 | 58.5 | 172        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 4    | 56     | 26     | 0.564     | 0.112     | 0.948 | 0.039     | 0.039     | 0         | 58.9 | 61.1 | 58.5 | 171        | 176        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 5    | 6      | 26     | 0.541     | -0.013    | 0.948 | 0.039     | 0.036     | 0         | 58.9 | 60.6 | 57.6 | 171        | 175        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 5    | 16     | 26     | 0.486     | 0.03      | 0.948 | 0.043     | 0.039     | 0         | 59.8 | 61.9 | 57.2 | 172        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 5    | 26     | 26     | 0.525     | 0.03      | 0.948 | 0.036     | 0.033     | 0         | 58.9 | 60.6 | 58.9 | 170        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 5    | 36     | 26     | 0.561     | -0.016    | 0.948 | 0.046     | 0.043     | 0         | 58.5 | 59.8 | 58.5 | 169        | 173        | 0          | 33     | 34     |
| 2009 | 6     | 26  | 5    | 46     | 26     | 0.512     | -0.003    | 0.948 | 0.036     | 0.033     | 0         | 58.5 | 60.2 | 59.3 | 169        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 5    | 56     | 26     | 0.463     | 0.026     | 0.948 | 0.039     | 0.036     | 0         | 58.5 | 60.6 | 59.8 | 170        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 6    | 6      | 26     | 0.525     | -0.007    | 0.948 | 0.043     | 0.039     | 0         | 58.5 | 60.2 | 59.8 | 169        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 6    | 16     | 26     | 0.479     | 0.03      | 0.948 | 0.036     | 0.033     | 0         | 58.5 | 60.2 | 58.9 | 170        | 174        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 6    | 26     | 26     | 0.479     | -0.036    | 0.948 | 0.046     | 0.043     | 0         | 58.9 | 60.6 | 58.9 | 170        | 175        | 0          | 33     | 34     |
| 2009 | 6     | 26  | 6    | 36     | 26     | 0.479     | -0.016    | 0.951 | 0.036     | 0.033     | 0         | 58.5 | 60.2 | 58.9 | 170        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 6    | 46     | 26     | 0.463     | 0.043     | 0.948 | 0.056     | 0.052     | 0         | 58.5 | 60.6 | 60.2 | 170        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 6    | 56     | 26     | 0.308     | 0.02      | 0.948 | 0.039     | 0.036     | 0         | 58.9 | 60.6 | 58.5 | 171        | 175        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 7    | 6      | 26     | 0.453     | 0.013     | 0.948 | 0.046     | 0.043     | 0         | 58   | 61.1 | 58.9 | 170        | 174        | 0          | 35     | 32     |
| 2009 | 6     | 26  | 7    | 16     | 26     | 0.538     | -0.052    | 0.948 | 0.039     | 0.036     | 0         | 58.5 | 60.6 | 58.9 | 170        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 7    | 26     | 26     | 0.551     | 0.069     | 0.948 | 0.039     | 0.036     | 0         | 58.9 | 60.6 | 59.8 | 170        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 7    | 36     | 26     | 0.443     | 0.062     | 0.948 | 0.039     | 0.039     | 0         | 58.9 | 60.2 | 59.3 | 170        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 7    | 46     | 26     | 0.479     | -0.02     | 0.948 | 0.039     | 0.036     | 0         | 58.5 | 60.6 | 59.8 | 170        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 7    | 56     | 26     | 0.495     | -0.01     | 0.948 | 0.039     | 0.036     | 0         | 59.3 | 61.1 | 58.5 | 171        | 175        | 0          | 33     | 33     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 26  | 8    | 6      | 26     | 0.413     | 0.036     | 0.948 | 0.039     | 0.039     | 0         | 59.3 | 60.6 | 58.5 | 172        | 175        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 8    | 16     | 26     | 0.505     | 0.043     | 0.948 | 0.039     | 0.039     | 0         | 58.5 | 60.2 | 58.9 | 169        | 174        | 0          | 33     | 34     |
| 2009 | 6     | 26  | 8    | 26     | 26     | 0.486     | -0.03     | 0.948 | 0.046     | 0.043     | 0         | 58.5 | 61.1 | 58.9 | 170        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 8    | 36     | 26     | 0.495     | 0.059     | 0.948 | 0.039     | 0.039     | 0         | 58.5 | 60.6 | 59.3 | 170        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 8    | 46     | 26     | 0.502     | 0.108     | 0.945 | 0.033     | 0.03      | 0         | 58.9 | 60.6 | 59.3 | 170        | 175        | 0          | 33     | 34     |
| 2009 | 6     | 26  | 8    | 56     | 26     | 0.476     | 0.072     | 0.945 | 0.046     | 0.043     | 0         | 59.8 | 61.1 | 57.6 | 173        | 176        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 9    | 6      | 26     | 0.571     | 0.033     | 0.945 | 0.039     | 0.036     | 0         | 58.9 | 60.6 | 59.8 | 171        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 9    | 16     | 26     | 0.394     | 0.039     | 0.945 | 0.036     | 0.033     | 0         | 59.8 | 60.6 | 58.9 | 172        | 175        | 0          | 33     | 34     |
| 2009 | 6     | 26  | 9    | 26     | 26     | 0.515     | 0.03      | 0.942 | 0.049     | 0.046     | 0         | 60.2 | 62.4 | 57.6 | 174        | 178        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 9    | 36     | 26     | 0.446     | 0.069     | 0.942 | 0.036     | 0.033     | 0         | 59.8 | 61.5 | 58.5 | 172        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 9    | 46     | 26     | 0.463     | 0.085     | 0.942 | 0.039     | 0.036     | 0         | 59.8 | 62.4 | 57.6 | 172        | 177        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 9    | 56     | 26     | 0.466     | 0.066     | 0.942 | 0.039     | 0.039     | 0         | 60.6 | 62.4 | 57.6 | 174        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 10   | 6      | 26     | 0.512     | 0.039     | 0.942 | 0.046     | 0.043     | 0         | 60.6 | 61.9 | 57.6 | 174        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 10   | 16     | 26     | 0.39      | 0.052     | 0.942 | 0.043     | 0.039     | 0         | 60.2 | 62.4 | 58.5 | 173        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 10   | 26     | 26     | 0.456     | 0.105     | 0.942 | 0.039     | 0.036     | 0         | 59.8 | 61.1 | 58.9 | 172        | 176        | 0          | 33     | 34     |
| 2009 | 6     | 26  | 10   | 36     | 26     | 0.528     | 0.079     | 0.942 | 0.039     | 0.039     | 0         | 60.2 | 61.9 | 60.6 | 173        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 10   | 46     | 26     | 0.453     | 0.121     | 0.938 | 0.039     | 0.036     | 0         | 61.9 | 63.6 | 56.3 | 177        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 10   | 56     | 26     | 0.436     | 0.105     | 0.938 | 0.036     | 0.033     | 0         | 61.1 | 63.2 | 58.9 | 175        | 179        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 11   | 6      | 26     | 0.446     | 0.105     | 0.942 | 0.043     | 0.039     | 0         | 60.2 | 62.8 | 58.9 | 173        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 11   | 16     | 26     | 0.479     | 0.016     | 0.938 | 0.039     | 0.039     | 0         | 61.5 | 63.6 | 57.6 | 176        | 180        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 11   | 26     | 26     | 0.509     | 0.095     | 0.942 | 0.039     | 0.039     | 0         | 61.5 | 63.6 | 58.5 | 176        | 180        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 11   | 36     | 26     | 0.502     | 0.016     | 0.942 | 0.039     | 0.036     | 0         | 61.9 | 64.1 | 57.2 | 177        | 181        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 11   | 46     | 26     | 0.509     | 0.095     | 0.938 | 0.039     | 0.036     | 0         | 61.9 | 64.1 | 57.6 | 177        | 181        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 11   | 56     | 26     | 0.528     | 0.115     | 0.938 | 0.043     | 0.039     | 0         | 62.4 | 64.1 | 57.6 | 178        | 182        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 12   | 6      | 26     | 0.427     | 0.148     | 0.942 | 0.043     | 0.039     | 0         | 61.9 | 64.5 | 58   | 177        | 182        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 12   | 16     | 26     | 0.446     | 0.138     | 0.938 | 0.036     | 0.033     | 0         | 63.6 | 66.2 | 55.9 | 181        | 185        | 0          | 33     | 31     |
| 2009 | 6     | 26  | 12   | 26     | 26     | 0.449     | 0.098     | 0.938 | 0.039     | 0.039     | 0         | 62.8 | 64.5 | 58.9 | 178        | 182        | 0          | 32     | 32     |
| 2009 | 6     | 26  | 12   | 36     | 26     | 0.456     | 0.036     | 0.938 | 0.043     | 0.039     | 0         | 62.8 | 65.4 | 57.2 | 178        | 184        | 0          | 32     | 32     |
| 2009 | 6     | 26  | 12   | 46     | 26     | 0.499     | -0.007    | 0.938 | 0.039     | 0.039     | 0         | 64.5 | 67.1 | 55   | 183        | 188        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 12   | 56     | 26     | 0.499     | 0.102     | 0.938 | 0.039     | 0.036     | 0         | 62.8 | 65.4 | 58   | 178        | 184        | 0          | 32     | 32     |
| 2009 | 6     | 26  | 13   | 6      | 26     | 0.433     | 0.043     | 0.938 | 0.039     | 0.039     | 0         | 64.5 | 66.7 | 55.9 | 182        | 187        | 0          | 32     | 32     |
| 2009 | 6     | 26  | 13   | 16     | 26     | 0.459     | 0.125     | 0.938 | 0.039     | 0.036     | 0         | 64.5 | 66.7 | 56.8 | 182        | 187        | 0          | 32     | 32     |
| 2009 | 6     | 26  | 13   | 26     | 26     | 0.472     | 0.128     | 0.938 | 0.039     | 0.039     | 0         | 63.2 | 65.4 | 57.6 | 180        | 184        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 13   | 36     | 26     | 0.456     | 0.108     | 0.938 | 0.043     | 0.039     | 0         | 64.1 | 65.8 | 57.6 | 180        | 185        | 0          | 31     | 32     |
| 2009 | 6     | 26  | 13   | 46     | 26     | 0.449     | 0.203     | 0.938 | 0.036     | 0.033     | 0         | 63.6 | 65.4 | 58.5 | 180        | 184        | 0          | 32     | 32     |
| 2009 | 6     | 26  | 13   | 56     | 26     | 0.43      | 0.112     | 0.938 | 0.043     | 0.039     | 0         | 64.5 | 66.7 | 57.2 | 181        | 186        | 0          | 31     | 31     |
| 2009 | 6     | 26  | 14   | 6      | 26     | 0.469     | 0.167     | 0.938 | 0.046     | 0.043     | 0         | 63.6 | 65.8 | 58   | 180        | 184        | 0          | 32     | 31     |
| 2009 | 6     | 26  | 14   | 16     | 26     | 0.476     | 0.049     | 0.938 | 0.039     | 0.036     | 0         | 64.9 | 66.2 | 57.2 | 182        | 186        | 0          | 31     | 32     |
| 2009 | 6     | 26  | 14   | 26     | 26     | 0.541     | 0.098     | 0.938 | 0.056     | 0.052     | 0         | 64.9 | 66.7 | 55.9 | 183        | 187        | 0          | 32     | 32     |
| 2009 | 6     | 26  | 14   | 36     | 26     | 0.427     | 0.125     | 0.938 | 0.039     | 0.039     | 0         | 64.1 | 66.2 | 57.2 | 181        | 186        | 0          | 32     | 32     |
| 2009 | 6     | 26  | 14   | 46     | 26     | 0.518     | 0.089     | 0.938 | 0.039     | 0.036     | 0         | 63.6 | 66.2 | 57.2 | 180        | 186        | 0          | 32     | 32     |
| 2009 | 6     | 26  | 14   | 56     | 26     | 0.459     | 0.036     | 0.938 | 0.036     | 0.033     | 0         | 64.1 | 65.8 | 58   | 180        | 185        | 0          | 31     | 32     |
| 2009 | 6     | 26  | 15   | 6      | 26     | 0.44      | 0.112     | 0.938 | 0.043     | 0.039     | 0         | 63.2 | 65.8 | 58.9 | 179        | 184        | 0          | 32     | 31     |
| 2009 | 6     | 26  | 15   | 16     | 26     | 0.407     | 0.144     | 0.938 | 0.039     | 0.039     | 0         | 63.2 | 64.9 | 59.8 | 178        | 183        | 0          | 31     | 32     |
| 2009 | 6     | 26  | 15   | 26     | 26     | 0.459     | 0.095     | 0.938 | 0.039     | 0.039     | 0         | 62.8 | 65.4 | 58.9 | 178        | 183        | 0          | 32     | 31     |
| 2009 | 6     | 26  | 15   | 36     | 26     | 0.472     | 0.19      | 0.938 | 0.036     | 0.033     | 0         | 62.8 | 64.9 | 58.5 | 178        | 182        | 0          | 32     | 31     |
| 2009 | 6     | 26  | 15   | 46     | 26     | 0.417     | 0.079     | 0.938 | 0.039     | 0.036     | 0         | 63.2 | 64.9 | 59.3 | 179        | 183        | 0          | 32     | 32     |
| 2009 | 6     | 26  | 15   | 56     | 26     | 0.459     | 0.105     | 0.938 | 0.036     | 0.033     | 0         | 63.2 | 65.4 | 58.9 | 179        | 183        | 0          | 32     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 26  | 16   | 6      | 26     | 0.495     | 0.108     | 0.938 | 0.039     | 0.036     | 0         | 61.9 | 64.1 | 60.6 | 176        | 180        | 0          | 32     | 31     |
| 2009 | 6     | 26  | 16   | 16     | 26     | 0.476     | 0.082     | 0.938 | 0.039     | 0.036     | 0         | 61.5 | 64.5 | 60.2 | 175        | 181        | 0          | 32     | 31     |
| 2009 | 6     | 26  | 16   | 26     | 26     | 0.492     | 0.092     | 0.938 | 0.039     | 0.036     | 0         | 62.4 | 64.5 | 59.3 | 177        | 181        | 0          | 32     | 31     |
| 2009 | 6     | 26  | 16   | 36     | 26     | 0.472     | 0.085     | 0.938 | 0.043     | 0.039     | 0         | 62.4 | 65.4 | 58.5 | 177        | 183        | 0          | 32     | 31     |
| 2009 | 6     | 26  | 16   | 46     | 26     | 0.42      | 0.098     | 0.938 | 0.039     | 0.036     | 0         | 61.9 | 64.1 | 59.3 | 176        | 181        | 0          | 32     | 32     |
| 2009 | 6     | 26  | 16   | 56     | 26     | 0.4       | 0.085     | 0.938 | 0.036     | 0.033     | 0         | 61.5 | 63.6 | 60.6 | 175        | 179        | 0          | 32     | 31     |
| 2009 | 6     | 26  | 17   | 6      | 26     | 0.446     | 0.082     | 0.938 | 0.036     | 0.033     | 0         | 61.1 | 63.2 | 60.2 | 174        | 179        | 0          | 32     | 32     |
| 2009 | 6     | 26  | 17   | 16     | 26     | 0.456     | 0.085     | 0.938 | 0.046     | 0.043     | 0         | 60.6 | 62.8 | 60.2 | 174        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 17   | 26     | 26     | 0.417     | 0.079     | 0.938 | 0.039     | 0.039     | 0         | 61.1 | 63.2 | 60.2 | 174        | 179        | 0          | 32     | 32     |
| 2009 | 6     | 26  | 17   | 36     | 26     | 0.541     | 0.108     | 0.938 | 0.039     | 0.036     | 0         | 60.6 | 62.8 | 61.5 | 172        | 177        | 0          | 31     | 31     |
| 2009 | 6     | 26  | 17   | 46     | 26     | 0.456     | 0.135     | 0.938 | 0.043     | 0.039     | 0         | 60.2 | 62.4 | 62.4 | 172        | 176        | 0          | 32     | 31     |
| 2009 | 6     | 26  | 17   | 56     | 26     | 0.361     | 0.112     | 0.938 | 0.036     | 0.033     | 0         | 59.8 | 61.9 | 62.4 | 171        | 175        | 0          | 32     | 31     |
| 2009 | 6     | 26  | 18   | 6      | 26     | 0.44      | 0.108     | 0.938 | 0.039     | 0.036     | 0         | 60.2 | 61.9 | 61.9 | 172        | 175        | 0          | 32     | 31     |
| 2009 | 6     | 26  | 18   | 16     | 26     | 0.436     | 0.056     | 0.938 | 0.046     | 0.043     | 0         | 63.6 | 65.8 | 56.8 | 179        | 184        | 0          | 31     | 31     |
| 2009 | 6     | 26  | 18   | 26     | 26     | 0.4       | 0.105     | 0.938 | 0.036     | 0.033     | 0         | 59.3 | 61.1 | 62.8 | 169        | 174        | 0          | 31     | 32     |
| 2009 | 6     | 26  | 18   | 36     | 26     | 0.456     | 0         | 0.938 | 0.039     | 0.039     | 0         | 60.6 | 62.4 | 60.2 | 174        | 177        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 18   | 46     | 26     | 0.413     | 0.066     | 0.938 | 0.043     | 0.039     | 0         | 59.8 | 61.9 | 61.9 | 171        | 175        | 0          | 32     | 31     |
| 2009 | 6     | 26  | 18   | 56     | 26     | 0.476     | 0.016     | 0.942 | 0.033     | 0.03      | 0         | 59.3 | 61.1 | 62.8 | 170        | 174        | 0          | 32     | 32     |
| 2009 | 6     | 26  | 19   | 6      | 26     | 0.348     | -0.013    | 0.942 | 0.039     | 0.036     | 0         | 59.3 | 61.5 | 62.4 | 170        | 174        | 0          | 32     | 31     |
| 2009 | 6     | 26  | 19   | 16     | 26     | 0.331     | 0.108     | 0.938 | 0.039     | 0.036     | 0         | 59.3 | 60.6 | 63.6 | 169        | 173        | 0          | 31     | 32     |
| 2009 | 6     | 26  | 19   | 26     | 26     | 0.4       | 0.052     | 0.942 | 0.039     | 0.036     | 0         | 58   | 61.1 | 62.4 | 168        | 173        | 0          | 33     | 31     |
| 2009 | 6     | 26  | 19   | 36     | 26     | 0.486     | 0.052     | 0.942 | 0.039     | 0.039     | 0         | 58.5 | 60.6 | 62.8 | 169        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 19   | 46     | 26     | 0.427     | 0.072     | 0.942 | 0.039     | 0.039     | 0         | 58.5 | 61.1 | 62.8 | 168        | 173        | 0          | 32     | 31     |
| 2009 | 6     | 26  | 19   | 56     | 26     | 0.505     | 0.056     | 0.942 | 0.039     | 0.036     | 0         | 58.9 | 61.1 | 61.9 | 169        | 174        | 0          | 32     | 32     |
| 2009 | 6     | 26  | 20   | 6      | 26     | 0.482     | 0.105     | 0.942 | 0.036     | 0.033     | 0         | 58.9 | 60.6 | 62.4 | 169        | 172        | 0          | 32     | 31     |
| 2009 | 6     | 26  | 20   | 16     | 26     | 0.502     | -0.003    | 0.942 | 0.033     | 0.03      | 0         | 58   | 60.2 | 61.9 | 168        | 172        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 20   | 26     | 26     | 0.495     | 0.043     | 0.942 | 0.039     | 0.039     | 0         | 59.3 | 61.9 | 61.5 | 170        | 175        | 0          | 32     | 31     |
| 2009 | 6     | 26  | 20   | 36     | 26     | 0.449     | 0.016     | 0.942 | 0.039     | 0.036     | 0         | 59.8 | 61.5 | 59.8 | 171        | 175        | 0          | 32     | 32     |
| 2009 | 6     | 26  | 20   | 46     | 26     | 0.446     | 0         | 0.942 | 0.039     | 0.036     | 0         | 59.3 | 61.1 | 61.1 | 170        | 175        | 0          | 32     | 33     |
| 2009 | 6     | 26  | 20   | 56     | 26     | 0.407     | 0.052     | 0.942 | 0.036     | 0.033     | 0         | 59.3 | 61.9 | 60.6 | 170        | 175        | 0          | 32     | 31     |
| 2009 | 6     | 26  | 21   | 6      | 26     | 0.394     | 0.066     | 0.945 | 0.036     | 0.033     | 0         | 59.8 | 61.5 | 59.8 | 171        | 175        | 0          | 32     | 32     |
| 2009 | 6     | 26  | 21   | 16     | 26     | 0.413     | 0.046     | 0.945 | 0.043     | 0.039     | 0         | 60.2 | 62.4 | 58   | 172        | 177        | 0          | 32     | 32     |
| 2009 | 6     | 26  | 21   | 26     | 26     | 0.535     | -0.02     | 0.945 | 0.039     | 0.036     | 0         | 59.3 | 61.5 | 58.9 | 171        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 21   | 36     | 26     | 0.479     | 0.033     | 0.945 | 0.039     | 0.036     | 0         | 58.5 | 60.6 | 60.6 | 169        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 21   | 46     | 26     | 0.453     | -0.02     | 0.945 | 0.046     | 0.043     | 0         | 63.2 | 65.8 | 54.6 | 179        | 184        | 0          | 32     | 31     |
| 2009 | 6     | 26  | 21   | 56     | 26     | 0.4       | 0.043     | 0.945 | 0.033     | 0.03      | 0         | 58.5 | 61.1 | 59.8 | 169        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 22   | 6      | 26     | 0.427     | -0.02     | 0.948 | 0.033     | 0.03      | 0         | 59.3 | 61.5 | 58.9 | 171        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 22   | 16     | 26     | 0.495     | 0.033     | 0.948 | 0.039     | 0.036     | 0         | 59.3 | 61.1 | 59.3 | 170        | 174        | 0          | 32     | 32     |
| 2009 | 6     | 26  | 22   | 26     | 26     | 0.489     | -0.043    | 0.951 | 0.033     | 0.03      | 0         | 59.3 | 61.5 | 58.9 | 170        | 175        | 0          | 32     | 32     |
| 2009 | 6     | 26  | 22   | 36     | 26     | 0.413     | 0.046     | 0.955 | 0.033     | 0.03      | 0         | 59.3 | 61.1 | 59.3 | 171        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 22   | 46     | 26     | 0.404     | 0.072     | 0.955 | 0.039     | 0.039     | 0         | 59.3 | 61.1 | 60.2 | 170        | 175        | 0          | 32     | 33     |
| 2009 | 6     | 26  | 22   | 56     | 26     | 0.433     | 0.036     | 0.955 | 0.043     | 0.039     | 0         | 58.9 | 61.5 | 58.5 | 169        | 175        | 0          | 32     | 32     |
| 2009 | 6     | 26  | 23   | 6      | 26     | 0.404     | 0.026     | 0.955 | 0.039     | 0.036     | 0         | 58.5 | 60.6 | 61.5 | 168        | 173        | 0          | 32     | 32     |
| 2009 | 6     | 26  | 23   | 16     | 26     | 0.436     | 0.026     | 0.958 | 0.039     | 0.036     | 0         | 58.9 | 61.1 | 59.8 | 170        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 23   | 26     | 26     | 0.453     | 0         | 0.958 | 0.043     | 0.039     | 0         | 59.8 | 61.5 | 58.9 | 171        | 176        | 0          | 32     | 33     |
| 2009 | 6     | 26  | 23   | 36     | 26     | 0.404     | 0.026     | 0.958 | 0.036     | 0.033     | 0         | 59.8 | 61.5 | 58   | 171        | 175        | 0          | 32     | 32     |
| 2009 | 6     | 26  | 23   | 46     | 26     | 0.463     | -0.03     | 0.958 | 0.036     | 0.033     | 0         | 58.9 | 60.6 | 60.2 | 170        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 23   | 56     | 26     | 0.397     | 0.03      | 0.958 | 0.039     | 0.039     | 0         | 59.8 | 61.9 | 59.3 | 171        | 176        | 0          | 32     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 27  | 0    | 6      | 26     | 0.44      | -0.039    | 0.958 | 0.039     | 0.036     | 0         | 59.3 | 61.9 | 59.3 | 171        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 0    | 16     | 26     | 0.433     | 0.02      | 0.958 | 0.043     | 0.039     | 0         | 58.5 | 61.1 | 60.6 | 168        | 173        | 0          | 32     | 31     |
| 2009 | 6     | 27  | 0    | 26     | 26     | 0.525     | -0.007    | 0.958 | 0.043     | 0.039     | 0         | 59.3 | 61.5 | 59.8 | 171        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 0    | 36     | 26     | 0.466     | -0.066    | 0.958 | 0.039     | 0.039     | 0         | 58.9 | 61.9 | 60.2 | 170        | 175        | 0          | 33     | 31     |
| 2009 | 6     | 27  | 0    | 46     | 26     | 0.413     | 0         | 0.958 | 0.043     | 0.039     | 0         | 58.5 | 60.2 | 60.2 | 169        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 0    | 56     | 26     | 0.472     | 0.023     | 0.958 | 0.039     | 0.039     | 0         | 58   | 59.8 | 60.6 | 168        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 1    | 6      | 26     | 0.374     | 0.007     | 0.958 | 0.039     | 0.036     | 0         | 58   | 59.8 | 61.9 | 168        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 1    | 16     | 26     | 0.459     | -0.052    | 0.958 | 0.039     | 0.039     | 0         | 58.5 | 59.8 | 61.9 | 168        | 172        | 0          | 32     | 33     |
| 2009 | 6     | 27  | 1    | 26     | 26     | 0.495     | 0.023     | 0.961 | 0.033     | 0.03      | 0         | 59.3 | 60.6 | 59.8 | 170        | 174        | 0          | 32     | 33     |
| 2009 | 6     | 27  | 1    | 36     | 26     | 0.449     | 0         | 0.958 | 0.039     | 0.036     | 0         | 58.5 | 60.2 | 61.1 | 169        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 1    | 46     | 26     | 0.436     | -0.049    | 0.958 | 0.036     | 0.033     | 0         | 57.2 | 59.8 | 61.9 | 166        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 1    | 56     | 26     | 0.413     | -0.036    | 0.958 | 0.036     | 0.033     | 0         | 57.6 | 59.3 | 62.4 | 167        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 2    | 6      | 26     | 0.41      | -0.069    | 0.961 | 0.039     | 0.036     | 0         | 57.6 | 59.3 | 62.8 | 167        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 2    | 16     | 26     | 0.42      | -0.108    | 0.961 | 0.039     | 0.036     | 0         | 58   | 59.8 | 61.5 | 168        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 2    | 26     | 26     | 0.427     | 0.003     | 0.958 | 0.043     | 0.039     | 0         | 58.5 | 61.5 | 61.1 | 170        | 175        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 2    | 36     | 26     | 0.472     | 0.03      | 0.961 | 0.039     | 0.039     | 0         | 57.6 | 60.2 | 61.9 | 167        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 2    | 46     | 26     | 0.459     | 0.036     | 0.961 | 0.039     | 0.039     | 0         | 58   | 59.8 | 62.8 | 167        | 172        | 0          | 32     | 33     |
| 2009 | 6     | 27  | 2    | 56     | 26     | 0.443     | 0.052     | 0.958 | 0.043     | 0.039     | 0         | 59.3 | 61.5 | 61.5 | 171        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 3    | 6      | 26     | 0.387     | -0.01     | 0.958 | 0.043     | 0.039     | 0         | 58   | 59.8 | 62.4 | 168        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 3    | 16     | 26     | 0.456     | 0.049     | 0.961 | 0.043     | 0.039     | 0         | 57.6 | 59.8 | 61.9 | 168        | 172        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 3    | 26     | 26     | 0.486     | 0.02      | 0.958 | 0.036     | 0.033     | 0         | 58.9 | 61.1 | 61.5 | 170        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 3    | 36     | 26     | 0.387     | 0.03      | 0.961 | 0.043     | 0.039     | 0         | 58   | 60.2 | 61.5 | 168        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 3    | 46     | 26     | 0.535     | -0.059    | 0.958 | 0.036     | 0.033     | 0         | 58.5 | 60.2 | 62.4 | 169        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 3    | 56     | 26     | 0.328     | -0.036    | 0.958 | 0.039     | 0.036     | 0         | 59.3 | 61.5 | 60.2 | 171        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 4    | 6      | 26     | 0.44      | 0.03      | 0.961 | 0.039     | 0.036     | 0         | 58.5 | 61.5 | 61.1 | 170        | 175        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 4    | 16     | 26     | 0.377     | 0.007     | 0.961 | 0.039     | 0.036     | 0         | 58.5 | 60.2 | 61.9 | 169        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 4    | 26     | 26     | 0.374     | 0.003     | 0.958 | 0.039     | 0.036     | 0         | 58.5 | 60.6 | 62.4 | 169        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 4    | 36     | 26     | 0.489     | 0.016     | 0.961 | 0.039     | 0.039     | 0         | 58.5 | 61.1 | 61.9 | 169        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 4    | 46     | 26     | 0.4       | -0.03     | 0.961 | 0.039     | 0.039     | 0         | 59.8 | 61.5 | 60.2 | 172        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 4    | 56     | 26     | 0.443     | 0.039     | 0.961 | 0.043     | 0.039     | 0         | 59.3 | 61.1 | 61.5 | 171        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 5    | 6      | 26     | 0.427     | -0.007    | 0.961 | 0.039     | 0.036     | 0         | 59.8 | 61.9 | 59.3 | 173        | 178        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 5    | 16     | 26     | 0.423     | -0.033    | 0.958 | 0.039     | 0.039     | 0         | 59.8 | 61.9 | 60.2 | 172        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 5    | 26     | 26     | 0.413     | 0.049     | 0.961 | 0.046     | 0.043     | 0         | 60.2 | 62.8 | 59.3 | 173        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 5    | 36     | 26     | 0.361     | -0.013    | 0.958 | 0.039     | 0.039     | 0         | 59.8 | 61.9 | 59.3 | 172        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 5    | 46     | 26     | 0.469     | -0.043    | 0.961 | 0.039     | 0.039     | 0         | 59.3 | 61.9 | 60.6 | 171        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 5    | 56     | 26     | 0.41      | 0         | 0.961 | 0.043     | 0.039     | 0         | 59.3 | 61.9 | 60.2 | 172        | 177        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 6    | 6      | 26     | 0.453     | -0.02     | 0.958 | 0.039     | 0.036     | 0         | 59.3 | 61.9 | 60.2 | 171        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 6    | 16     | 26     | 0.371     | 0.023     | 0.958 | 0.039     | 0.036     | 0         | 59.3 | 62.4 | 60.2 | 172        | 177        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 6    | 26     | 26     | 0.427     | 0.016     | 0.958 | 0.036     | 0.033     | 0         | 60.2 | 61.9 | 60.2 | 173        | 178        | 0          | 33     | 34     |
| 2009 | 6     | 27  | 6    | 36     | 26     | 0.44      | 0.02      | 0.958 | 0.036     | 0.033     | 0         | 58.9 | 61.5 | 60.2 | 171        | 175        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 6    | 46     | 26     | 0.348     | -0.03     | 0.958 | 0.039     | 0.039     | 0         | 58   | 60.6 | 61.9 | 169        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 6    | 56     | 26     | 0.39      | 0.03      | 0.958 | 0.036     | 0.033     | 0         | 59.3 | 61.1 | 61.5 | 171        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 7    | 6      | 26     | 0.41      | 0.013     | 0.958 | 0.043     | 0.039     | 0         | 58.5 | 61.1 | 61.5 | 169        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 7    | 16     | 26     | 0.39      | -0.02     | 0.961 | 0.039     | 0.039     | 0         | 58   | 60.6 | 62.4 | 169        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 7    | 26     | 26     | 0.449     | -0.007    | 0.958 | 0.039     | 0.039     | 0         | 58   | 60.6 | 61.9 | 169        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 7    | 36     | 26     | 0.512     | 0.075     | 0.958 | 0.043     | 0.039     | 0         | 58.5 | 60.6 | 61.5 | 170        | 174        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 7    | 46     | 26     | 0.443     | -0.069    | 0.958 | 0.039     | 0.036     | 0         | 59.3 | 60.6 | 61.5 | 171        | 175        | 0          | 33     | 34     |
| 2009 | 6     | 27  | 7    | 56     | 26     | 0.374     | -0.026    | 0.958 | 0.039     | 0.039     | 0         | 59.8 | 61.5 | 59.3 | 172        | 176        | 0          | 33     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 27  | 8    | 6      | 26     | 0.453     | 0         | 0.958 | 0.039     | 0.039     | 0         | 60.2 | 61.9 | 58.9 | 173        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 8    | 16     | 26     | 0.364     | 0.049     | 0.958 | 0.039     | 0.039     | 0         | 58.9 | 60.2 | 61.1 | 170        | 174        | 0          | 33     | 34     |
| 2009 | 6     | 27  | 8    | 26     | 26     | 0.423     | 0.013     | 0.958 | 0.043     | 0.039     | 0         | 60.2 | 62.8 | 58.5 | 174        | 179        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 8    | 36     | 26     | 0.384     | 0.072     | 0.958 | 0.039     | 0.039     | 0         | 60.2 | 62.4 | 58.5 | 174        | 178        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 8    | 46     | 26     | 0.43      | 0.016     | 0.958 | 0.039     | 0.039     | 0         | 59.8 | 62.4 | 58   | 173        | 178        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 8    | 56     | 26     | 0.436     | -0.016    | 0.955 | 0.036     | 0.033     | 0         | 61.1 | 62.8 | 57.2 | 175        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 9    | 6      | 26     | 0.338     | -0.013    | 0.955 | 0.039     | 0.036     | 0         | 60.6 | 62.4 | 56.8 | 174        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 9    | 16     | 26     | 0.436     | 0.016     | 0.958 | 0.043     | 0.039     | 0         | 61.1 | 62.8 | 56.8 | 175        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 9    | 26     | 26     | 0.423     | 0.079     | 0.955 | 0.039     | 0.036     | 0         | 60.6 | 62.8 | 56.8 | 174        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 9    | 36     | 26     | 0.427     | 0.036     | 0.951 | 0.033     | 0.03      | 0         | 61.5 | 62.8 | 55.5 | 175        | 179        | 0          | 32     | 33     |
| 2009 | 6     | 27  | 9    | 46     | 26     | 0.387     | 0.016     | 0.951 | 0.036     | 0.033     | 0         | 60.6 | 63.2 | 55.9 | 175        | 180        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 9    | 56     | 26     | 0.374     | 0.03      | 0.951 | 0.043     | 0.039     | 0         | 60.6 | 63.2 | 55.9 | 175        | 180        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 10   | 6      | 26     | 0.367     | 0.069     | 0.951 | 0.039     | 0.039     | 0         | 60.2 | 62.4 | 57.6 | 173        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 10   | 16     | 26     | 0.381     | 0.052     | 0.948 | 0.039     | 0.039     | 0         | 60.2 | 62.8 | 56.8 | 173        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 10   | 26     | 26     | 0.325     | 0.125     | 0.948 | 0.043     | 0.039     | 0         | 60.2 | 62.4 | 57.6 | 173        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 10   | 36     | 26     | 0.371     | 0.098     | 0.948 | 0.039     | 0.036     | 0         | 60.6 | 63.2 | 57.2 | 174        | 179        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 10   | 46     | 26     | 0.407     | 0.049     | 0.948 | 0.036     | 0.033     | 0         | 60.2 | 62.8 | 58.5 | 174        | 178        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 10   | 56     | 26     | 0.394     | 0.089     | 0.945 | 0.036     | 0.033     | 0         | 62.4 | 64.1 | 55   | 177        | 182        | 0          | 32     | 33     |
| 2009 | 6     | 27  | 11   | 6      | 26     | 0.338     | 0.059     | 0.945 | 0.036     | 0.033     | 0         | 61.5 | 64.1 | 56.3 | 176        | 181        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 11   | 16     | 26     | 0.436     | 0.128     | 0.945 | 0.039     | 0.039     | 0         | 61.9 | 64.5 | 55.9 | 177        | 182        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 11   | 26     | 26     | 0.397     | 0.069     | 0.945 | 0.043     | 0.039     | 0         | 62.4 | 64.5 | 56.3 | 177        | 182        | 0          | 32     | 32     |
| 2009 | 6     | 27  | 11   | 36     | 26     | 0.427     | 0.075     | 0.945 | 0.043     | 0.039     | 0         | 62.4 | 64.1 | 56.3 | 177        | 182        | 0          | 32     | 33     |
| 2009 | 6     | 27  | 11   | 46     | 26     | 0.364     | 0.079     | 0.945 | 0.043     | 0.039     | 0         | 62.4 | 64.9 | 55   | 178        | 183        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 11   | 56     | 26     | 0.407     | 0.066     | 0.945 | 0.043     | 0.039     | 0         | 62.4 | 65.4 | 54.6 | 178        | 184        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 12   | 6      | 26     | 0.41      | 0.066     | 0.945 | 0.039     | 0.039     | 0         | 63.6 | 66.2 | 55   | 180        | 185        | 0          | 32     | 31     |
| 2009 | 6     | 27  | 12   | 16     | 26     | 0.423     | 0.105     | 0.945 | 0.039     | 0.039     | 0         | 63.6 | 65.8 | 55.5 | 180        | 186        | 0          | 32     | 33     |
| 2009 | 6     | 27  | 12   | 26     | 26     | 0.446     | 0.082     | 0.942 | 0.039     | 0.036     | 0         | 63.2 | 66.2 | 55.9 | 180        | 186        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 12   | 36     | 26     | 0.446     | 0.069     | 0.945 | 0.036     | 0.033     | 0         | 63.6 | 65.8 | 55   | 180        | 185        | 0          | 32     | 32     |
| 2009 | 6     | 27  | 12   | 46     | 26     | 0.4       | 0.089     | 0.945 | 0.039     | 0.039     | 0         | 64.5 | 66.7 | 54.6 | 181        | 187        | 0          | 31     | 32     |
| 2009 | 6     | 27  | 12   | 56     | 26     | 0.469     | 0.026     | 0.945 | 0.043     | 0.039     | 0         | 63.6 | 66.7 | 55   | 181        | 186        | 0          | 33     | 31     |
| 2009 | 6     | 27  | 13   | 6      | 26     | 0.407     | 0.131     | 0.945 | 0.046     | 0.043     | 0         | 64.5 | 66.7 | 55   | 182        | 187        | 0          | 32     | 32     |
| 2009 | 6     | 27  | 13   | 16     | 26     | 0.374     | 0.128     | 0.945 | 0.046     | 0.043     | 0         | 63.2 | 66.2 | 55.5 | 180        | 186        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 13   | 26     | 26     | 0.361     | 0.082     | 0.945 | 0.039     | 0.036     | 0         | 63.2 | 66.2 | 56.3 | 180        | 186        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 13   | 36     | 26     | 0.344     | 0.144     | 0.945 | 0.043     | 0.039     | 0         | 64.5 | 66.7 | 55.5 | 182        | 187        | 0          | 32     | 32     |
| 2009 | 6     | 27  | 13   | 46     | 26     | 0.44      | 0.128     | 0.945 | 0.049     | 0.049     | 0         | 64.5 | 67.9 | 54.2 | 182        | 189        | 0          | 32     | 31     |
| 2009 | 6     | 27  | 13   | 56     | 26     | 0.295     | 0.112     | 0.945 | 0.036     | 0.033     | 0         | 63.6 | 66.2 | 56.3 | 180        | 186        | 0          | 32     | 32     |
| 2009 | 6     | 27  | 14   | 6      | 26     | 0.512     | 0.128     | 0.942 | 0.039     | 0.036     | 0         | 64.1 | 66.7 | 55   | 181        | 186        | 0          | 32     | 31     |
| 2009 | 6     | 27  | 14   | 16     | 26     | 0.42      | 0.167     | 0.942 | 0.039     | 0.039     | 0         | 64.1 | 66.7 | 56.3 | 181        | 187        | 0          | 32     | 32     |
| 2009 | 6     | 27  | 14   | 26     | 26     | 0.42      | 0.049     | 0.942 | 0.039     | 0.039     | 0         | 63.6 | 66.2 | 55.9 | 180        | 186        | 0          | 32     | 32     |
| 2009 | 6     | 27  | 14   | 36     | 26     | 0.443     | 0.092     | 0.942 | 0.036     | 0.033     | 0         | 62.8 | 66.2 | 58   | 179        | 185        | 0          | 33     | 31     |
| 2009 | 6     | 27  | 14   | 46     | 26     | 0.325     | 0.112     | 0.942 | 0.036     | 0.033     | 0         | 63.6 | 66.2 | 58   | 179        | 185        | 0          | 31     | 31     |
| 2009 | 6     | 27  | 14   | 56     | 26     | 0.325     | 0.154     | 0.942 | 0.039     | 0.036     | 0         | 62.8 | 65.8 | 58.9 | 179        | 185        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 15   | 6      | 26     | 0.407     | 0.131     | 0.942 | 0.033     | 0.03      | 0         | 62.8 | 65.8 | 59.8 | 178        | 184        | 0          | 32     | 31     |
| 2009 | 6     | 27  | 15   | 16     | 26     | 0.39      | 0.098     | 0.942 | 0.039     | 0.039     | 0         | 61.9 | 64.9 | 60.2 | 176        | 182        | 0          | 32     | 31     |
| 2009 | 6     | 27  | 15   | 26     | 26     | 0.397     | 0.112     | 0.938 | 0.039     | 0.039     | 0         | 61.9 | 64.5 | 58.9 | 176        | 182        | 0          | 32     | 32     |
| 2009 | 6     | 27  | 15   | 36     | 26     | 0.463     | 0.118     | 0.938 | 0.036     | 0.033     | 0         | 62.4 | 65.4 | 58.9 | 177        | 183        | 0          | 32     | 31     |
| 2009 | 6     | 27  | 15   | 46     | 26     | 0.377     | 0.102     | 0.938 | 0.043     | 0.039     | 0         | 62.4 | 64.5 | 59.8 | 176        | 182        | 0          | 31     | 32     |
| 2009 | 6     | 27  | 15   | 56     | 26     | 0.394     | 0.148     | 0.938 | 0.043     | 0.039     | 0         | 61.5 | 64.5 | 60.6 | 175        | 181        | 0          | 32     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 27  | 16   | 6      | 26     | 0.4       | 0.118     | 0.938 | 0.039     | 0.036     | 0         | 61.5 | 64.5 | 61.5 | 175        | 181        | 0          | 32     | 31     |
| 2009 | 6     | 27  | 16   | 16     | 26     | 0.436     | 0.128     | 0.938 | 0.043     | 0.039     | 0         | 62.4 | 64.5 | 60.2 | 176        | 181        | 0          | 31     | 31     |
| 2009 | 6     | 27  | 16   | 26     | 26     | 0.367     | 0.167     | 0.938 | 0.043     | 0.039     | 0         | 61.5 | 63.6 | 61.9 | 174        | 179        | 0          | 31     | 31     |
| 2009 | 6     | 27  | 16   | 36     | 26     | 0.348     | 0.105     | 0.935 | 0.043     | 0.039     | 0         | 61.1 | 63.2 | 61.1 | 173        | 178        | 0          | 31     | 31     |
| 2009 | 6     | 27  | 16   | 46     | 26     | 0.44      | 0.112     | 0.935 | 0.033     | 0.03      | 0         | 60.6 | 62.8 | 61.9 | 173        | 177        | 0          | 32     | 31     |
| 2009 | 6     | 27  | 16   | 56     | 26     | 0.407     | 0.121     | 0.935 | 0.043     | 0.039     | 0         | 60.2 | 63.2 | 61.5 | 172        | 178        | 0          | 32     | 31     |
| 2009 | 6     | 27  | 17   | 6      | 26     | 0.348     | 0.102     | 0.935 | 0.039     | 0.036     | 0         | 60.6 | 62.8 | 61.1 | 172        | 177        | 0          | 31     | 31     |
| 2009 | 6     | 27  | 17   | 16     | 26     | 0.338     | 0.115     | 0.935 | 0.033     | 0.03      | 0         | 59.3 | 62.4 | 61.9 | 170        | 176        | 0          | 32     | 31     |
| 2009 | 6     | 27  | 17   | 26     | 26     | 0.338     | 0.141     | 0.932 | 0.036     | 0.033     | 0         | 59.8 | 61.5 | 61.9 | 171        | 175        | 0          | 32     | 32     |
| 2009 | 6     | 27  | 17   | 36     | 26     | 0.361     | 0.056     | 0.932 | 0.043     | 0.039     | 0         | 59.3 | 61.5 | 61.5 | 169        | 174        | 0          | 31     | 31     |
| 2009 | 6     | 27  | 17   | 46     | 26     | 0.371     | 0.092     | 0.932 | 0.039     | 0.039     | 0         | 58.9 | 60.6 | 61.9 | 169        | 173        | 0          | 32     | 32     |
| 2009 | 6     | 27  | 17   | 56     | 26     | 0.361     | 0.079     | 0.932 | 0.043     | 0.039     | 0         | 58.5 | 60.6 | 62.8 | 168        | 172        | 0          | 32     | 31     |
| 2009 | 6     | 27  | 18   | 6      | 26     | 0.4       | 0.154     | 0.932 | 0.039     | 0.039     | 0         | 58.5 | 60.6 | 62.4 | 168        | 173        | 0          | 32     | 32     |
| 2009 | 6     | 27  | 18   | 16     | 26     | 0.361     | 0.131     | 0.928 | 0.039     | 0.039     | 0         | 58.9 | 61.5 | 61.1 | 169        | 174        | 0          | 32     | 31     |
| 2009 | 6     | 27  | 18   | 26     | 26     | 0.351     | 0.026     | 0.928 | 0.039     | 0.039     | 0         | 58.5 | 60.6 | 61.1 | 169        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 18   | 36     | 26     | 0.39      | 0.049     | 0.928 | 0.043     | 0.039     | 0         | 58.9 | 61.5 | 60.6 | 169        | 174        | 0          | 32     | 31     |
| 2009 | 6     | 27  | 18   | 46     | 26     | 0.367     | 0.138     | 0.928 | 0.043     | 0.039     | 0         | 58.9 | 60.6 | 62.4 | 169        | 173        | 0          | 32     | 32     |
| 2009 | 6     | 27  | 18   | 56     | 26     | 0.417     | 0.056     | 0.928 | 0.043     | 0.039     | 0         | 59.3 | 61.5 | 61.5 | 170        | 174        | 0          | 32     | 31     |
| 2009 | 6     | 27  | 19   | 6      | 26     | 0.348     | 0.039     | 0.928 | 0.039     | 0.039     | 0         | 59.8 | 61.1 | 60.6 | 170        | 174        | 0          | 31     | 32     |
| 2009 | 6     | 27  | 19   | 16     | 26     | 0.387     | 0.013     | 0.928 | 0.039     | 0.036     | 0         | 59.3 | 60.6 | 61.5 | 170        | 173        | 0          | 32     | 32     |
| 2009 | 6     | 27  | 19   | 26     | 26     | 0.308     | 0.036     | 0.928 | 0.039     | 0.036     | 0         | 60.2 | 62.4 | 60.2 | 171        | 176        | 0          | 31     | 31     |
| 2009 | 6     | 27  | 19   | 36     | 26     | 0.348     | 0.052     | 0.928 | 0.033     | 0.03      | 0         | 58.5 | 59.8 | 62.4 | 168        | 171        | 0          | 32     | 32     |
| 2009 | 6     | 27  | 19   | 46     | 26     | 0.322     | 0.082     | 0.928 | 0.036     | 0.033     | 0         | 58.5 | 61.1 | 61.5 | 169        | 173        | 0          | 33     | 31     |
| 2009 | 6     | 27  | 19   | 56     | 26     | 0.394     | 0.079     | 0.928 | 0.036     | 0.033     | 0         | 59.3 | 61.5 | 60.6 | 170        | 174        | 0          | 32     | 31     |
| 2009 | 6     | 27  | 20   | 6      | 26     | 0.377     | 0.049     | 0.928 | 0.043     | 0.039     | 0         | 59.3 | 61.1 | 61.5 | 170        | 173        | 0          | 32     | 31     |
| 2009 | 6     | 27  | 20   | 16     | 26     | 0.269     | 0.095     | 0.928 | 0.039     | 0.039     | 0         | 58.9 | 60.6 | 61.9 | 169        | 172        | 0          | 32     | 31     |
| 2009 | 6     | 27  | 20   | 26     | 26     | 0.295     | 0.098     | 0.928 | 0.039     | 0.039     | 0         | 58.9 | 60.2 | 62.4 | 169        | 172        | 0          | 32     | 32     |
| 2009 | 6     | 27  | 20   | 36     | 26     | 0.404     | 0.072     | 0.928 | 0.039     | 0.036     | 0         | 58.9 | 60.6 | 62.4 | 169        | 173        | 0          | 32     | 32     |
| 2009 | 6     | 27  | 20   | 46     | 26     | 0.377     | 0.033     | 0.928 | 0.036     | 0.033     | 0         | 59.3 | 61.5 | 61.9 | 170        | 174        | 0          | 32     | 31     |
| 2009 | 6     | 27  | 20   | 56     | 26     | 0.354     | 0.089     | 0.928 | 0.043     | 0.039     | 0         | 58.5 | 60.2 | 63.2 | 168        | 172        | 0          | 32     | 32     |
| 2009 | 6     | 27  | 21   | 6      | 26     | 0.367     | -0.003    | 0.928 | 0.039     | 0.039     | 0         | 58.9 | 60.6 | 61.9 | 169        | 173        | 0          | 32     | 32     |
| 2009 | 6     | 27  | 21   | 16     | 26     | 0.427     | 0.036     | 0.928 | 0.039     | 0.036     | 0         | 59.3 | 60.6 | 61.5 | 170        | 174        | 0          | 32     | 33     |
| 2009 | 6     | 27  | 21   | 26     | 26     | 0.41      | 0.075     | 0.928 | 0.036     | 0.033     | 0         | 58.9 | 60.6 | 62.8 | 169        | 173        | 0          | 32     | 32     |
| 2009 | 6     | 27  | 21   | 36     | 26     | 0.299     | -0.02     | 0.928 | 0.039     | 0.036     | 0         | 58   | 60.2 | 64.1 | 167        | 172        | 0          | 32     | 32     |
| 2009 | 6     | 27  | 21   | 46     | 26     | 0.387     | 0.03      | 0.932 | 0.033     | 0.03      | 0         | 58   | 60.2 | 63.6 | 167        | 171        | 0          | 32     | 31     |
| 2009 | 6     | 27  | 21   | 56     | 26     | 0.325     | 0.023     | 0.932 | 0.036     | 0.033     | 0         | 58.5 | 59.3 | 64.9 | 167        | 170        | 0          | 31     | 32     |
| 2009 | 6     | 27  | 22   | 6      | 26     | 0.361     | 0.128     | 0.932 | 0.036     | 0.033     | 0         | 58   | 60.6 | 64.1 | 168        | 172        | 0          | 33     | 31     |
| 2009 | 6     | 27  | 22   | 16     | 26     | 0.384     | 0.036     | 0.932 | 0.039     | 0.036     | 0         | 57.2 | 59.3 | 64.5 | 166        | 170        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 22   | 26     | 26     | 0.318     | -0.02     | 0.932 | 0.039     | 0.036     | 0         | 57.6 | 59.8 | 64.9 | 166        | 170        | 0          | 32     | 31     |
| 2009 | 6     | 27  | 22   | 36     | 26     | 0.295     | 0.066     | 0.932 | 0.043     | 0.039     | 0         | 57.2 | 59.3 | 64.9 | 166        | 170        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 22   | 46     | 26     | 0.299     | 0.023     | 0.932 | 0.036     | 0.033     | 0         | 57.2 | 59.8 | 65.4 | 166        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 22   | 56     | 26     | 0.4       | 0.033     | 0.932 | 0.039     | 0.039     | 0         | 57.6 | 59.3 | 65.8 | 166        | 170        | 0          | 32     | 32     |
| 2009 | 6     | 27  | 23   | 6      | 26     | 0.315     | -0.016    | 0.932 | 0.039     | 0.036     | 0         | 57.6 | 59.8 | 65.8 | 167        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 23   | 16     | 26     | 0.364     | -0.023    | 0.932 | 0.036     | 0.033     | 0         | 57.6 | 58.9 | 64.9 | 166        | 169        | 0          | 32     | 32     |
| 2009 | 6     | 27  | 23   | 26     | 26     | 0.318     | 0         | 0.932 | 0.046     | 0.043     | 0         | 59.3 | 61.9 | 61.9 | 171        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 23   | 36     | 26     | 0.305     | 0.121     | 0.932 | 0.036     | 0.033     | 0         | 60.2 | 61.9 | 60.2 | 173        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 23   | 46     | 26     | 0.322     | 0.066     | 0.932 | 0.039     | 0.039     | 0         | 59.3 | 61.9 | 62.4 | 170        | 175        | 0          | 32     | 31     |
| 2009 | 6     | 27  | 23   | 56     | 26     | 0.351     | 0.085     | 0.932 | 0.036     | 0.033     | 0         | 57.6 | 59.8 | 63.6 | 167        | 171        | 0          | 33     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 28  | 0    | 6      | 26     | 0.331     | 0         | 0.932 | 0.039     | 0.039     | 0         | 58.5 | 61.1 | 62.4 | 168        | 173        | 0          | 32     | 31     |
| 2009 | 6     | 28  | 0    | 16     | 26     | 0.361     | 0         | 0.932 | 0.046     | 0.046     | 0         | 58.5 | 61.1 | 62.8 | 169        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 0    | 26     | 26     | 0.364     | 0.066     | 0.932 | 0.043     | 0.039     | 0         | 58.9 | 60.6 | 62.8 | 169        | 173        | 0          | 32     | 32     |
| 2009 | 6     | 28  | 0    | 36     | 26     | 0.384     | 0.046     | 0.932 | 0.043     | 0.039     | 0         | 59.3 | 61.1 | 62.8 | 170        | 174        | 0          | 32     | 32     |
| 2009 | 6     | 28  | 0    | 46     | 26     | 0.338     | -0.02     | 0.932 | 0.033     | 0.03      | 0         | 58.5 | 60.6 | 62.8 | 169        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 0    | 56     | 26     | 0.381     | -0.052    | 0.932 | 0.039     | 0.036     | 0         | 59.8 | 61.5 | 61.5 | 171        | 176        | 0          | 32     | 33     |
| 2009 | 6     | 28  | 1    | 6      | 26     | 0.348     | -0.036    | 0.932 | 0.043     | 0.043     | 0         | 58   | 59.8 | 64.5 | 167        | 171        | 0          | 32     | 32     |
| 2009 | 6     | 28  | 1    | 16     | 26     | 0.387     | -0.049    | 0.932 | 0.039     | 0.039     | 0         | 58.5 | 60.6 | 63.6 | 168        | 173        | 0          | 32     | 32     |
| 2009 | 6     | 28  | 1    | 26     | 26     | 0.335     | -0.079    | 0.932 | 0.046     | 0.043     | 0         | 58.5 | 60.6 | 63.2 | 168        | 173        | 0          | 32     | 32     |
| 2009 | 6     | 28  | 1    | 36     | 26     | 0.344     | -0.02     | 0.932 | 0.039     | 0.039     | 0         | 57.2 | 59.8 | 64.9 | 167        | 171        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 1    | 46     | 26     | 0.453     | -0.02     | 0.932 | 0.039     | 0.039     | 0         | 59.3 | 61.5 | 61.9 | 171        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 1    | 56     | 26     | 0.361     | -0.033    | 0.932 | 0.039     | 0.036     | 0         | 57.6 | 59.8 | 64.5 | 167        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 2    | 6      | 26     | 0.358     | 0.016     | 0.932 | 0.033     | 0.03      | 0         | 57.2 | 59.8 | 64.5 | 166        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 2    | 16     | 26     | 0.308     | 0.016     | 0.932 | 0.033     | 0.03      | 0         | 57.6 | 60.2 | 64.9 | 166        | 172        | 0          | 32     | 32     |
| 2009 | 6     | 28  | 2    | 26     | 26     | 0.272     | 0.072     | 0.932 | 0.033     | 0.03      | 0         | 58.9 | 60.6 | 62.8 | 170        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 2    | 36     | 26     | 0.341     | -0.049    | 0.932 | 0.043     | 0.039     | 0         | 58.5 | 60.6 | 63.6 | 168        | 173        | 0          | 32     | 32     |
| 2009 | 6     | 28  | 2    | 46     | 26     | 0.328     | 0.056     | 0.932 | 0.043     | 0.043     | 0         | 57.2 | 59.8 | 64.9 | 166        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 2    | 56     | 26     | 0.341     | 0.033     | 0.932 | 0.039     | 0.036     | 0         | 58   | 60.2 | 62.8 | 169        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 3    | 6      | 26     | 0.361     | 0         | 0.932 | 0.039     | 0.039     | 0         | 59.8 | 61.1 | 61.5 | 171        | 175        | 0          | 32     | 33     |
| 2009 | 6     | 28  | 3    | 16     | 26     | 0.384     | 0.016     | 0.932 | 0.039     | 0.039     | 0         | 59.8 | 61.9 | 61.5 | 172        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 3    | 26     | 26     | 0.456     | -0.013    | 0.932 | 0.039     | 0.039     | 0         | 58.9 | 61.5 | 62.4 | 170        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 3    | 36     | 26     | 0.41      | 0.013     | 0.932 | 0.046     | 0.046     | 0         | 58.5 | 60.2 | 63.2 | 168        | 173        | 0          | 32     | 33     |
| 2009 | 6     | 28  | 3    | 46     | 26     | 0.394     | 0.056     | 0.932 | 0.039     | 0.036     | 0         | 58.9 | 61.9 | 61.5 | 170        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 3    | 56     | 26     | 0.453     | 0.026     | 0.932 | 0.033     | 0.03      | 0         | 58   | 60.2 | 63.2 | 168        | 172        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 4    | 6      | 26     | 0.449     | 0.03      | 0.932 | 0.039     | 0.036     | 0         | 58.9 | 60.6 | 62.4 | 170        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 4    | 16     | 26     | 0.384     | 0.007     | 0.928 | 0.033     | 0.03      | 0         | 58.9 | 60.6 | 61.9 | 170        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 4    | 26     | 26     | 0.348     | 0.033     | 0.932 | 0.043     | 0.039     | 0         | 57.6 | 59.3 | 63.2 | 167        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 4    | 36     | 26     | 0.479     | -0.03     | 0.932 | 0.039     | 0.036     | 0         | 58   | 60.6 | 63.2 | 168        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 4    | 46     | 26     | 0.42      | 0.016     | 0.928 | 0.039     | 0.039     | 0         | 58.5 | 61.1 | 61.9 | 169        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 4    | 56     | 26     | 0.394     | -0.007    | 0.928 | 0.039     | 0.036     | 0         | 58.5 | 60.6 | 62.4 | 169        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 5    | 6      | 26     | 0.476     | 0.046     | 0.928 | 0.043     | 0.039     | 0         | 57.2 | 59.3 | 62.8 | 167        | 172        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 5    | 16     | 26     | 0.39      | -0.016    | 0.928 | 0.039     | 0.036     | 0         | 57.6 | 59.8 | 62.8 | 167        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 5    | 26     | 26     | 0.423     | -0.016    | 0.928 | 0.039     | 0.039     | 0         | 57.6 | 60.2 | 63.6 | 167        | 172        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 5    | 36     | 26     | 0.44      | 0.033     | 0.928 | 0.043     | 0.039     | 0         | 56.8 | 59.3 | 63.2 | 166        | 171        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 5    | 46     | 26     | 0.358     | 0.049     | 0.928 | 0.039     | 0.036     | 0         | 56.8 | 58.9 | 64.5 | 165        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 5    | 56     | 26     | 0.384     | -0.03     | 0.928 | 0.043     | 0.039     | 0         | 56.3 | 58.9 | 64.9 | 164        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 6    | 6      | 26     | 0.335     | 0.049     | 0.928 | 0.039     | 0.039     | 0         | 57.2 | 59.3 | 64.1 | 166        | 170        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 6    | 16     | 26     | 0.417     | 0.013     | 0.928 | 0.039     | 0.036     | 0         | 56.3 | 58.9 | 64.1 | 165        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 6    | 26     | 26     | 0.384     | 0.023     | 0.928 | 0.039     | 0.039     | 0         | 57.2 | 58.5 | 63.2 | 166        | 170        | 0          | 33     | 34     |
| 2009 | 6     | 28  | 6    | 36     | 26     | 0.358     | 0.049     | 0.928 | 0.033     | 0.03      | 0         | 56.8 | 58.9 | 64.5 | 165        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 6    | 46     | 26     | 0.351     | -0.023    | 0.928 | 0.036     | 0.033     | 0         | 56.3 | 58.9 | 64.5 | 165        | 170        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 6    | 56     | 26     | 0.423     | 0.03      | 0.928 | 0.039     | 0.039     | 0         | 57.2 | 58.9 | 64.1 | 166        | 171        | 0          | 33     | 34     |
| 2009 | 6     | 28  | 7    | 6      | 26     | 0.292     | 0.085     | 0.928 | 0.039     | 0.036     | 0         | 57.2 | 59.3 | 63.2 | 166        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 7    | 16     | 26     | 0.325     | -0.003    | 0.928 | 0.033     | 0.03      | 0         | 57.2 | 59.3 | 64.5 | 166        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 7    | 26     | 26     | 0.292     | 0         | 0.928 | 0.039     | 0.036     | 0         | 57.6 | 59.8 | 63.6 | 167        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 7    | 36     | 26     | 0.387     | 0.03      | 0.928 | 0.039     | 0.036     | 0         | 58.5 | 60.2 | 61.9 | 169        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 7    | 46     | 26     | 0.341     | 0.052     | 0.928 | 0.039     | 0.039     | 0         | 58   | 60.2 | 62.8 | 168        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 7    | 56     | 26     | 0.335     | 0.036     | 0.928 | 0.039     | 0.039     | 0         | 58.5 | 61.1 | 61.5 | 169        | 175        | 0          | 33     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 28  | 8    | 6      | 26     | 0.397     | -0.036    | 0.928 | 0.039     | 0.039     | 0         | 60.2 | 63.2 | 58.5 | 174        | 180        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 8    | 16     | 26     | 0.351     | -0.003    | 0.928 | 0.039     | 0.036     | 0         | 59.8 | 62.4 | 60.2 | 173        | 177        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 8    | 26     | 26     | 0.348     | 0.049     | 0.928 | 0.036     | 0.033     | 0         | 58.5 | 61.1 | 63.2 | 169        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 8    | 36     | 26     | 0.236     | -0.01     | 0.928 | 0.036     | 0.033     | 0         | 58.5 | 61.1 | 62.8 | 169        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 8    | 46     | 26     | 0.371     | 0.102     | 0.928 | 0.039     | 0.039     | 0         | 58.5 | 60.6 | 63.6 | 169        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 8    | 56     | 26     | 0.282     | 0.033     | 0.932 | 0.039     | 0.036     | 0         | 59.3 | 61.9 | 62.4 | 171        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 9    | 6      | 26     | 0.354     | -0.023    | 0.928 | 0.043     | 0.039     | 0         | 58   | 60.2 | 63.2 | 168        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 9    | 16     | 26     | 0.354     | 0.026     | 0.932 | 0.039     | 0.036     | 0         | 57.6 | 59.8 | 64.1 | 167        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 9    | 26     | 26     | 0.367     | 0.125     | 0.928 | 0.039     | 0.039     | 0         | 57.6 | 59.8 | 64.5 | 167        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 9    | 36     | 26     | 0.312     | 0.052     | 0.932 | 0.039     | 0.039     | 0         | 58.5 | 60.6 | 63.2 | 169        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 9    | 46     | 26     | 0.361     | 0.089     | 0.928 | 0.039     | 0.036     | 0         | 58   | 60.2 | 64.1 | 168        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 9    | 56     | 26     | 0.328     | 0.089     | 0.932 | 0.039     | 0.036     | 0         | 58   | 60.2 | 64.5 | 168        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 10   | 6      | 26     | 0.4       | 0.082     | 0.928 | 0.039     | 0.039     | 0         | 58   | 60.2 | 64.1 | 168        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 10   | 16     | 26     | 0.384     | 0.095     | 0.932 | 0.036     | 0.033     | 0         | 58.5 | 60.6 | 64.1 | 168        | 174        | 0          | 32     | 33     |
| 2009 | 6     | 28  | 10   | 26     | 26     | 0.42      | -0.01     | 0.932 | 0.039     | 0.036     | 0         | 59.3 | 62.4 | 62.4 | 171        | 177        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 10   | 36     | 26     | 0.423     | 0.023     | 0.932 | 0.043     | 0.039     | 0         | 59.3 | 61.5 | 62.4 | 171        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 10   | 46     | 26     | 0.387     | 0.072     | 0.932 | 0.039     | 0.036     | 0         | 59.8 | 61.9 | 63.2 | 171        | 177        | 0          | 32     | 33     |
| 2009 | 6     | 28  | 10   | 56     | 26     | 0.338     | 0.098     | 0.932 | 0.039     | 0.036     | 0         | 59.8 | 61.9 | 61.9 | 172        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 11   | 6      | 26     | 0.387     | 0.075     | 0.932 | 0.039     | 0.036     | 0         | 60.2 | 63.2 | 61.5 | 173        | 179        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 11   | 16     | 26     | 0.381     | 0.102     | 0.932 | 0.039     | 0.039     | 0         | 60.6 | 63.2 | 61.5 | 173        | 179        | 0          | 32     | 32     |
| 2009 | 6     | 28  | 11   | 26     | 26     | 0.446     | 0.131     | 0.932 | 0.039     | 0.039     | 0         | 60.2 | 63.2 | 61.1 | 173        | 179        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 11   | 36     | 26     | 0.443     | 0         | 0.932 | 0.046     | 0.043     | 0         | 64.1 | 67.5 | 56.3 | 181        | 189        | 0          | 32     | 32     |
| 2009 | 6     | 28  | 11   | 46     | 26     | 0.39      | 0.036     | 0.932 | 0.039     | 0.039     | 0         | 62.4 | 65.8 | 58   | 178        | 185        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 11   | 56     | 26     | 0.371     | 0.03      | 0.932 | 0.046     | 0.043     | 0         | 62.8 | 66.2 | 56.8 | 179        | 186        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 12   | 6      | 26     | 0.256     | 0.177     | 0.928 | 0.036     | 0.033     | 0         | 61.9 | 64.5 | 58.5 | 176        | 182        | 0          | 32     | 32     |
| 2009 | 6     | 28  | 12   | 16     | 26     | 0.463     | 0.105     | 0.932 | 0.036     | 0.033     | 0         | 61.5 | 64.9 | 59.8 | 176        | 182        | 0          | 33     | 31     |
| 2009 | 6     | 28  | 12   | 26     | 26     | 0.341     | 0.075     | 0.932 | 0.036     | 0.033     | 0         | 61.5 | 64.1 | 61.1 | 175        | 181        | 0          | 32     | 32     |
| 2009 | 6     | 28  | 12   | 36     | 26     | 0.413     | 0.105     | 0.932 | 0.036     | 0.033     | 0         | 61.1 | 64.5 | 61.1 | 174        | 181        | 0          | 32     | 31     |
| 2009 | 6     | 28  | 12   | 46     | 26     | 0.285     | 0.184     | 0.932 | 0.043     | 0.039     | 0         | 61.5 | 64.1 | 58.9 | 174        | 180        | 0          | 31     | 31     |
| 2009 | 6     | 28  | 12   | 56     | 26     | 0.384     | 0.154     | 0.932 | 0.039     | 0.036     | 0         | 61.1 | 64.5 | 58.5 | 175        | 182        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 13   | 6      | 26     | 0.397     | 0.072     | 0.928 | 0.046     | 0.043     | 0         | 62.4 | 64.9 | 58.9 | 176        | 183        | 0          | 31     | 32     |
| 2009 | 6     | 28  | 13   | 16     | 26     | 0.374     | 0.131     | 0.928 | 0.036     | 0.033     | 0         | 61.9 | 64.5 | 59.8 | 176        | 182        | 0          | 32     | 32     |
| 2009 | 6     | 28  | 13   | 26     | 26     | 0.289     | 0.144     | 0.928 | 0.039     | 0.036     | 0         | 61.9 | 64.9 | 57.6 | 176        | 183        | 0          | 32     | 32     |
| 2009 | 6     | 28  | 13   | 36     | 26     | 0.341     | 0.151     | 0.925 | 0.039     | 0.036     | 0         | 61.9 | 65.4 | 57.2 | 176        | 183        | 0          | 32     | 31     |
| 2009 | 6     | 28  | 13   | 46     | 26     | 0.328     | 0.144     | 0.925 | 0.039     | 0.036     | 0         | 61.9 | 64.9 | 57.6 | 176        | 183        | 0          | 32     | 32     |
| 2009 | 6     | 28  | 13   | 56     | 26     | 0.354     | 0.095     | 0.925 | 0.039     | 0.039     | 0         | 61.9 | 65.8 | 58.5 | 176        | 184        | 0          | 32     | 31     |
| 2009 | 6     | 28  | 14   | 6      | 26     | 0.341     | 0.082     | 0.925 | 0.036     | 0.033     | 0         | 62.4 | 65.8 | 57.6 | 176        | 184        | 0          | 31     | 31     |
| 2009 | 6     | 28  | 14   | 16     | 26     | 0.351     | 0.115     | 0.925 | 0.039     | 0.039     | 0         | 61.9 | 64.9 | 57.6 | 176        | 183        | 0          | 32     | 32     |
| 2009 | 6     | 28  | 14   | 26     | 26     | 0.394     | 0.125     | 0.925 | 0.039     | 0.036     | 0         | 63.2 | 67.1 | 54.2 | 179        | 187        | 0          | 32     | 31     |
| 2009 | 6     | 28  | 14   | 36     | 26     | 0.354     | 0.197     | 0.922 | 0.036     | 0.033     | 0         | 62.4 | 65.4 | 57.6 | 177        | 184        | 0          | 32     | 32     |
| 2009 | 6     | 28  | 14   | 46     | 26     | 0.387     | 0.177     | 0.925 | 0.039     | 0.036     | 0         | 61.9 | 65.4 | 57.2 | 176        | 183        | 0          | 32     | 31     |
| 2009 | 6     | 28  | 14   | 56     | 26     | 0.338     | 0.092     | 0.922 | 0.043     | 0.039     | 0         | 62.8 | 65.8 | 56.8 | 177        | 184        | 0          | 31     | 31     |
| 2009 | 6     | 28  | 15   | 6      | 26     | 0.315     | 0.187     | 0.922 | 0.039     | 0.036     | 0         | 62.4 | 64.9 | 58.5 | 176        | 182        | 0          | 31     | 31     |
| 2009 | 6     | 28  | 15   | 16     | 26     | 0.312     | 0.112     | 0.922 | 0.043     | 0.039     | 0         | 61.9 | 64.9 | 58   | 176        | 183        | 0          | 32     | 32     |
| 2009 | 6     | 28  | 15   | 26     | 26     | 0.246     | 0.128     | 0.919 | 0.039     | 0.036     | 0         | 61.5 | 64.9 | 58.9 | 175        | 182        | 0          | 32     | 31     |
| 2009 | 6     | 28  | 15   | 36     | 26     | 0.318     | 0.082     | 0.919 | 0.039     | 0.036     | 0         | 61.9 | 65.8 | 56.3 | 175        | 184        | 0          | 31     | 31     |
| 2009 | 6     | 28  | 15   | 46     | 26     | 0.407     | 0.039     | 0.919 | 0.039     | 0.036     | 0         | 61.9 | 64.9 | 58   | 176        | 182        | 0          | 32     | 31     |
| 2009 | 6     | 28  | 15   | 56     | 26     | 0.371     | 0.075     | 0.915 | 0.039     | 0.036     | 0         | 61.9 | 64.5 | 57.2 | 176        | 182        | 0          | 32     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 28  | 16   | 6      | 26     | 0.39      | 0.121     | 0.919 | 0.039     | 0.039     | 0         | 61.9 | 64.9 | 57.6 | 175        | 182        | 0          | 31     | 31     |
| 2009 | 6     | 28  | 16   | 16     | 26     | 0.318     | 0.161     | 0.915 | 0.039     | 0.036     | 0         | 61.1 | 64.5 | 58.5 | 174        | 181        | 0          | 32     | 31     |
| 2009 | 6     | 28  | 16   | 26     | 26     | 0.331     | 0.115     | 0.919 | 0.039     | 0.036     | 0         | 60.6 | 63.6 | 58.5 | 173        | 179        | 0          | 32     | 31     |
| 2009 | 6     | 28  | 16   | 36     | 26     | 0.407     | 0.108     | 0.915 | 0.036     | 0.033     | 0         | 61.1 | 63.2 | 58.9 | 173        | 178        | 0          | 31     | 31     |
| 2009 | 6     | 28  | 16   | 46     | 26     | 0.377     | 0.115     | 0.915 | 0.036     | 0.033     | 0         | 59.8 | 62.8 | 60.2 | 171        | 177        | 0          | 32     | 31     |
| 2009 | 6     | 28  | 16   | 56     | 26     | 0.39      | 0.046     | 0.915 | 0.046     | 0.043     | 0         | 60.2 | 63.2 | 57.6 | 172        | 178        | 0          | 32     | 31     |
| 2009 | 6     | 28  | 17   | 6      | 26     | 0.351     | 0.151     | 0.912 | 0.036     | 0.033     | 0         | 60.6 | 62.8 | 59.3 | 172        | 177        | 0          | 31     | 31     |
| 2009 | 6     | 28  | 17   | 16     | 26     | 0.295     | 0.026     | 0.915 | 0.036     | 0.033     | 0         | 60.2 | 61.9 | 59.8 | 171        | 176        | 0          | 31     | 32     |
| 2009 | 6     | 28  | 17   | 26     | 26     | 0.364     | 0.049     | 0.915 | 0.039     | 0.039     | 0         | 59.3 | 61.9 | 59.8 | 169        | 175        | 0          | 31     | 31     |
| 2009 | 6     | 28  | 17   | 36     | 26     | 0.4       | 0.125     | 0.915 | 0.039     | 0.036     | 0         | 59.8 | 61.9 | 61.1 | 170        | 175        | 0          | 31     | 31     |
| 2009 | 6     | 28  | 17   | 46     | 26     | 0.4       | 0.056     | 0.915 | 0.036     | 0.033     | 0         | 59.8 | 61.9 | 59.8 | 170        | 175        | 0          | 31     | 31     |
| 2009 | 6     | 28  | 17   | 56     | 26     | 0.322     | 0.03      | 0.915 | 0.036     | 0.033     | 0         | 58.5 | 61.1 | 60.2 | 168        | 173        | 0          | 32     | 31     |
| 2009 | 6     | 28  | 18   | 6      | 26     | 0.354     | 0.056     | 0.915 | 0.043     | 0.039     | 0         | 58.9 | 61.1 | 60.6 | 169        | 173        | 0          | 32     | 31     |
| 2009 | 6     | 28  | 18   | 16     | 26     | 0.289     | 0.049     | 0.915 | 0.039     | 0.039     | 0         | 58.5 | 60.6 | 60.6 | 168        | 172        | 0          | 32     | 31     |
| 2009 | 6     | 28  | 18   | 26     | 26     | 0.331     | 0.092     | 0.915 | 0.039     | 0.036     | 0         | 58   | 60.2 | 61.5 | 167        | 171        | 0          | 32     | 31     |
| 2009 | 6     | 28  | 18   | 36     | 26     | 0.282     | 0.039     | 0.919 | 0.039     | 0.036     | 0         | 58.9 | 60.6 | 60.6 | 169        | 172        | 0          | 32     | 31     |
| 2009 | 6     | 28  | 18   | 46     | 26     | 0.266     | -0.013    | 0.915 | 0.039     | 0.036     | 0         | 58.9 | 60.2 | 60.6 | 169        | 172        | 0          | 32     | 32     |
| 2009 | 6     | 28  | 18   | 56     | 26     | 0.315     | 0.039     | 0.919 | 0.046     | 0.043     | 0         | 58.5 | 59.8 | 60.6 | 168        | 171        | 0          | 32     | 32     |
| 2009 | 6     | 28  | 19   | 6      | 26     | 0.259     | 0.052     | 0.919 | 0.039     | 0.039     | 0         | 58   | 59.8 | 60.6 | 167        | 170        | 0          | 32     | 31     |
| 2009 | 6     | 28  | 19   | 16     | 26     | 0.358     | 0.016     | 0.922 | 0.043     | 0.039     | 0         | 58.5 | 60.2 | 60.6 | 168        | 171        | 0          | 32     | 31     |
| 2009 | 6     | 28  | 19   | 26     | 26     | 0.279     | -0.003    | 0.922 | 0.043     | 0.039     | 0         | 59.3 | 60.6 | 59.8 | 169        | 172        | 0          | 31     | 31     |
| 2009 | 6     | 28  | 19   | 36     | 26     | 0.361     | 0.007     | 0.922 | 0.043     | 0.039     | 0         | 59.8 | 61.5 | 58.9 | 171        | 175        | 0          | 32     | 32     |
| 2009 | 6     | 28  | 19   | 46     | 26     | 0.341     | -0.072    | 0.922 | 0.036     | 0.033     | 0         | 58.9 | 60.2 | 61.1 | 169        | 172        | 0          | 32     | 32     |
| 2009 | 6     | 28  | 19   | 56     | 26     | 0.328     | 0.033     | 0.922 | 0.046     | 0.046     | 0         | 58.9 | 61.1 | 59.8 | 169        | 173        | 0          | 32     | 31     |
| 2009 | 6     | 28  | 20   | 6      | 26     | 0.328     | 0.02      | 0.922 | 0.039     | 0.039     | 0         | 58.5 | 61.1 | 60.6 | 168        | 173        | 0          | 32     | 31     |
| 2009 | 6     | 28  | 20   | 16     | 26     | 0.272     | 0.043     | 0.925 | 0.039     | 0.036     | 0         | 57.2 | 60.2 | 61.9 | 166        | 171        | 0          | 33     | 31     |
| 2009 | 6     | 28  | 20   | 26     | 26     | 0.341     | -0.046    | 0.925 | 0.043     | 0.039     | 0         | 57.6 | 60.2 | 62.8 | 166        | 171        | 0          | 32     | 31     |
| 2009 | 6     | 28  | 20   | 36     | 26     | 0.348     | -0.013    | 0.925 | 0.039     | 0.039     | 0         | 58   | 60.6 | 60.6 | 168        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 20   | 46     | 26     | 0.358     | 0.007     | 0.925 | 0.039     | 0.039     | 0         | 59.3 | 61.9 | 59.8 | 170        | 175        | 0          | 32     | 31     |
| 2009 | 6     | 28  | 20   | 56     | 26     | 0.266     | -0.112    | 0.925 | 0.043     | 0.039     | 0         | 58.5 | 60.2 | 61.5 | 168        | 172        | 0          | 32     | 32     |
| 2009 | 6     | 28  | 21   | 6      | 26     | 0.427     | 0.016     | 0.925 | 0.033     | 0.03      | 0         | 58.9 | 60.6 | 62.4 | 169        | 172        | 0          | 32     | 31     |
| 2009 | 6     | 28  | 21   | 16     | 26     | 0.328     | -0.056    | 0.925 | 0.036     | 0.033     | 0         | 58.9 | 60.6 | 62.8 | 169        | 173        | 0          | 32     | 32     |
| 2009 | 6     | 28  | 21   | 26     | 26     | 0.371     | 0.016     | 0.928 | 0.036     | 0.033     | 0         | 58.9 | 60.2 | 62.4 | 168        | 172        | 0          | 31     | 32     |
| 2009 | 6     | 28  | 21   | 36     | 26     | 0.377     | -0.072    | 0.928 | 0.043     | 0.039     | 0         | 61.9 | 64.5 | 57.6 | 176        | 181        | 0          | 32     | 31     |
| 2009 | 6     | 28  | 21   | 46     | 26     | 0.344     | 0.02      | 0.928 | 0.036     | 0.033     | 0         | 58   | 59.8 | 64.1 | 167        | 171        | 0          | 32     | 32     |
| 2009 | 6     | 28  | 21   | 56     | 26     | 0.318     | -0.013    | 0.928 | 0.033     | 0.03      | 0         | 57.6 | 59.8 | 63.6 | 166        | 171        | 0          | 32     | 32     |
| 2009 | 6     | 28  | 22   | 6      | 26     | 0.331     | 0         | 0.928 | 0.036     | 0.033     | 0         | 57.2 | 58.9 | 63.6 | 166        | 169        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 22   | 16     | 26     | 0.302     | -0.059    | 0.928 | 0.033     | 0.03      | 0         | 57.6 | 58.9 | 64.9 | 165        | 169        | 0          | 31     | 32     |
| 2009 | 6     | 28  | 22   | 26     | 26     | 0.272     | -0.043    | 0.928 | 0.036     | 0.033     | 0         | 57.2 | 58.9 | 64.5 | 165        | 169        | 0          | 32     | 32     |
| 2009 | 6     | 28  | 22   | 36     | 26     | 0.335     | -0.02     | 0.928 | 0.039     | 0.039     | 0         | 56.3 | 58.5 | 65.8 | 163        | 168        | 0          | 32     | 32     |
| 2009 | 6     | 28  | 22   | 46     | 26     | 0.276     | 0.016     | 0.928 | 0.039     | 0.036     | 0         | 55.9 | 57.6 | 66.2 | 163        | 167        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 22   | 56     | 26     | 0.41      | 0.003     | 0.928 | 0.036     | 0.033     | 0         | 57.2 | 58.5 | 66.2 | 165        | 168        | 0          | 32     | 32     |
| 2009 | 6     | 28  | 23   | 6      | 26     | 0.318     | 0.01      | 0.932 | 0.036     | 0.033     | 0         | 56.8 | 58.5 | 66.7 | 164        | 167        | 0          | 32     | 31     |
| 2009 | 6     | 28  | 23   | 16     | 26     | 0.299     | -0.026    | 0.928 | 0.039     | 0.039     | 0         | 56.8 | 58.9 | 65.8 | 165        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 23   | 26     | 26     | 0.371     | -0.066    | 0.932 | 0.046     | 0.043     | 0         | 56.8 | 59.8 | 65.4 | 165        | 170        | 0          | 33     | 31     |
| 2009 | 6     | 28  | 23   | 36     | 26     | 0.315     | -0.092    | 0.932 | 0.033     | 0.03      | 0         | 57.2 | 59.3 | 64.9 | 166        | 170        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 23   | 46     | 26     | 0.305     | -0.036    | 0.932 | 0.036     | 0.033     | 0         | 57.2 | 59.8 | 65.8 | 166        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 23   | 56     | 26     | 0.308     | -0.056    | 0.932 | 0.039     | 0.039     | 0         | 57.2 | 58.9 | 66.7 | 165        | 169        | 0          | 32     | 32     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 29  | 0    | 6      | 26     | 0.331     | -0.082    | 0.932 | 0.036     | 0.033     | 0         | 56.8 | 58.9 | 67.1 | 165        | 169        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 0    | 16     | 26     | 0.276     | -0.039    | 0.932 | 0.036     | 0.033     | 0         | 57.2 | 59.3 | 66.7 | 166        | 170        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 0    | 26     | 26     | 0.292     | -0.013    | 0.932 | 0.039     | 0.036     | 0         | 57.2 | 58.5 | 66.7 | 165        | 168        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 0    | 36     | 26     | 0.331     | 0.026     | 0.932 | 0.039     | 0.039     | 0         | 56.8 | 58   | 67.1 | 164        | 168        | 0          | 32     | 33     |
| 2009 | 6     | 29  | 0    | 46     | 26     | 0.259     | -0.026    | 0.932 | 0.036     | 0.033     | 0         | 57.6 | 59.3 | 66.7 | 166        | 170        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 0    | 56     | 26     | 0.253     | -0.062    | 0.932 | 0.039     | 0.039     | 0         | 56.8 | 58.9 | 66.7 | 164        | 169        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 1    | 6      | 26     | 0.308     | -0.036    | 0.932 | 0.033     | 0.03      | 0         | 57.2 | 58.9 | 66.2 | 165        | 169        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 1    | 16     | 26     | 0.295     | -0.036    | 0.932 | 0.033     | 0.03      | 0         | 57.6 | 58.9 | 65.8 | 166        | 169        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 1    | 26     | 26     | 0.341     | 0.033     | 0.932 | 0.039     | 0.039     | 0         | 57.6 | 58.9 | 65.8 | 166        | 169        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 1    | 36     | 26     | 0.381     | -0.052    | 0.932 | 0.039     | 0.036     | 0         | 57.2 | 59.3 | 66.7 | 166        | 170        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 1    | 46     | 26     | 0.318     | 0         | 0.932 | 0.039     | 0.036     | 0         | 57.2 | 58.9 | 65.8 | 166        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 1    | 56     | 26     | 0.354     | -0.043    | 0.932 | 0.036     | 0.033     | 0         | 56.8 | 58.9 | 66.7 | 165        | 169        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 2    | 6      | 26     | 0.397     | -0.023    | 0.932 | 0.043     | 0.039     | 0         | 57.2 | 59.8 | 65.8 | 166        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 2    | 16     | 26     | 0.394     | 0.052     | 0.932 | 0.036     | 0.033     | 0         | 57.6 | 59.8 | 65.8 | 167        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 2    | 26     | 26     | 0.367     | 0.013     | 0.932 | 0.039     | 0.036     | 0         | 57.6 | 59.3 | 65.4 | 166        | 171        | 0          | 32     | 33     |
| 2009 | 6     | 29  | 2    | 36     | 26     | 0.325     | 0.023     | 0.932 | 0.036     | 0.033     | 0         | 57.6 | 60.2 | 65.4 | 167        | 172        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 2    | 46     | 26     | 0.289     | 0.043     | 0.932 | 0.036     | 0.033     | 0         | 57.2 | 60.2 | 65.4 | 167        | 172        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 2    | 56     | 26     | 0.344     | 0.052     | 0.932 | 0.039     | 0.039     | 0         | 58.9 | 61.5 | 62.8 | 170        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 3    | 6      | 26     | 0.295     | 0.03      | 0.932 | 0.036     | 0.033     | 0         | 58   | 60.2 | 64.5 | 168        | 172        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 3    | 16     | 26     | 0.328     | 0.066     | 0.932 | 0.039     | 0.036     | 0         | 57.6 | 60.2 | 64.5 | 167        | 172        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 3    | 26     | 26     | 0.41      | 0.066     | 0.932 | 0.039     | 0.036     | 0         | 58.5 | 60.2 | 65.4 | 168        | 173        | 0          | 32     | 33     |
| 2009 | 6     | 29  | 3    | 36     | 26     | 0.338     | 0.066     | 0.932 | 0.039     | 0.036     | 0         | 57.6 | 59.3 | 64.5 | 167        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 3    | 46     | 26     | 0.361     | -0.033    | 0.932 | 0.039     | 0.036     | 0         | 58   | 59.3 | 65.4 | 168        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 3    | 56     | 26     | 0.361     | -0.03     | 0.932 | 0.039     | 0.039     | 0         | 58.5 | 61.1 | 62.8 | 169        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 4    | 6      | 26     | 0.318     | 0         | 0.932 | 0.039     | 0.036     | 0         | 57.6 | 59.8 | 65.4 | 167        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 4    | 16     | 26     | 0.266     | 0.036     | 0.932 | 0.039     | 0.039     | 0         | 57.6 | 59.3 | 64.9 | 167        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 4    | 26     | 26     | 0.308     | 0         | 0.932 | 0.039     | 0.036     | 0         | 58.5 | 60.2 | 64.1 | 168        | 173        | 0          | 32     | 33     |
| 2009 | 6     | 29  | 4    | 36     | 26     | 0.315     | 0.049     | 0.932 | 0.043     | 0.039     | 0         | 58.9 | 61.9 | 62.8 | 170        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 4    | 46     | 26     | 0.384     | 0.03      | 0.932 | 0.043     | 0.039     | 0         | 58   | 60.2 | 63.6 | 168        | 172        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 4    | 56     | 26     | 0.351     | 0         | 0.932 | 0.036     | 0.033     | 0         | 57.6 | 59.8 | 64.1 | 167        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 5    | 6      | 26     | 0.377     | 0.02      | 0.932 | 0.039     | 0.039     | 0         | 58   | 60.2 | 64.5 | 168        | 172        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 5    | 16     | 26     | 0.295     | 0.023     | 0.932 | 0.036     | 0.033     | 0         | 58.5 | 60.2 | 63.6 | 168        | 173        | 0          | 32     | 33     |
| 2009 | 6     | 29  | 5    | 26     | 26     | 0.289     | 0.069     | 0.932 | 0.033     | 0.03      | 0         | 57.6 | 59.8 | 64.5 | 167        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 5    | 36     | 26     | 0.361     | -0.023    | 0.932 | 0.039     | 0.036     | 0         | 57.2 | 58.9 | 65.4 | 166        | 170        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 5    | 46     | 26     | 0.285     | 0         | 0.932 | 0.036     | 0.033     | 0         | 56.3 | 58.5 | 65.8 | 164        | 169        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 5    | 56     | 26     | 0.331     | -0.043    | 0.932 | 0.036     | 0.033     | 0         | 55.9 | 58.5 | 64.9 | 164        | 169        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 6    | 6      | 26     | 0.338     | 0.082     | 0.932 | 0.039     | 0.039     | 0         | 59.3 | 61.9 | 61.9 | 171        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 6    | 16     | 26     | 0.289     | -0.02     | 0.932 | 0.036     | 0.033     | 0         | 58   | 58.5 | 64.9 | 168        | 170        | 0          | 33     | 34     |
| 2009 | 6     | 29  | 6    | 26     | 26     | 0.256     | -0.079    | 0.932 | 0.039     | 0.036     | 0         | 58.5 | 59.3 | 63.6 | 168        | 171        | 0          | 32     | 33     |
| 2009 | 6     | 29  | 6    | 36     | 26     | 0.338     | -0.036    | 0.932 | 0.033     | 0.033     | 0         | 58   | 59.3 | 64.5 | 168        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 6    | 46     | 26     | 0.341     | 0.066     | 0.932 | 0.036     | 0.033     | 0         | 59.8 | 61.5 | 61.1 | 172        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 6    | 56     | 26     | 0.272     | -0.036    | 0.932 | 0.039     | 0.036     | 0         | 58   | 59.3 | 63.6 | 168        | 171        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 7    | 6      | 26     | 0.322     | -0.013    | 0.932 | 0.036     | 0.033     | 0         | 58.5 | 60.2 | 63.2 | 169        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 7    | 16     | 26     | 0.246     | 0.03      | 0.932 | 0.039     | 0.036     | 0         | 58.9 | 61.1 | 62.4 | 170        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 7    | 26     | 26     | 0.285     | 0         | 0.932 | 0.043     | 0.039     | 0         | 58   | 60.2 | 64.1 | 168        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 7    | 36     | 26     | 0.325     | 0.069     | 0.932 | 0.036     | 0.033     | 0         | 58   | 60.2 | 63.2 | 168        | 172        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 7    | 46     | 26     | 0.39      | -0.007    | 0.932 | 0.036     | 0.033     | 0         | 58   | 59.8 | 64.9 | 168        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 7    | 56     | 26     | 0.305     | 0.016     | 0.932 | 0.033     | 0.03      | 0         | 57.2 | 58.9 | 64.5 | 166        | 170        | 0          | 33     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 29  | 8    | 6      | 26     | 0.397     | -0.033    | 0.932 | 0.039     | 0.036     | 0         | 57.6 | 60.2 | 63.6 | 167        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 8    | 16     | 26     | 0.371     | 0.052     | 0.932 | 0.033     | 0.03      | 0         | 58   | 60.6 | 63.2 | 168        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 8    | 26     | 26     | 0.344     | 0.072     | 0.932 | 0.043     | 0.039     | 0         | 60.2 | 62.8 | 61.5 | 173        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 8    | 36     | 26     | 0.358     | 0.157     | 0.932 | 0.039     | 0.036     | 0         | 59.3 | 61.5 | 62.4 | 171        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 8    | 46     | 26     | 0.302     | 0.085     | 0.932 | 0.036     | 0.033     | 0         | 57.2 | 60.2 | 63.6 | 167        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 8    | 56     | 26     | 0.289     | 0.128     | 0.932 | 0.039     | 0.039     | 0         | 58.5 | 61.5 | 64.5 | 169        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 9    | 6      | 26     | 0.276     | 0.121     | 0.932 | 0.043     | 0.039     | 0         | 58   | 61.1 | 63.2 | 168        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 9    | 16     | 26     | 0.397     | 0.085     | 0.932 | 0.036     | 0.033     | 0         | 58   | 61.9 | 63.2 | 169        | 176        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 9    | 26     | 26     | 0.354     | 0.075     | 0.932 | 0.039     | 0.036     | 0         | 58   | 61.1 | 64.5 | 168        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 9    | 36     | 26     | 0.377     | 0.18      | 0.932 | 0.039     | 0.036     | 0         | 58.5 | 61.1 | 64.5 | 169        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 9    | 46     | 26     | 0.328     | 0.066     | 0.932 | 0.036     | 0.033     | 0         | 59.8 | 62.8 | 61.9 | 172        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 9    | 56     | 26     | 0.223     | -0.013    | 0.932 | 0.052     | 0.049     | 0         | 62.8 | 66.2 | 56.3 | 179        | 187        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 10   | 6      | 26     | 0.331     | 0.072     | 0.935 | 0.036     | 0.033     | 0         | 59.8 | 61.5 | 64.1 | 171        | 176        | 0          | 32     | 33     |
| 2009 | 6     | 29  | 10   | 16     | 26     | 0.351     | 0.089     | 0.932 | 0.039     | 0.039     | 0         | 58.9 | 62.4 | 62.8 | 171        | 178        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 10   | 26     | 26     | 0.371     | 0.039     | 0.935 | 0.036     | 0.033     | 0         | 60.6 | 63.2 | 62.4 | 173        | 179        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 10   | 36     | 26     | 0.377     | 0.072     | 0.935 | 0.039     | 0.039     | 0         | 60.6 | 63.6 | 61.5 | 174        | 180        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 10   | 46     | 26     | 0.308     | 0.085     | 0.935 | 0.039     | 0.036     | 0         | 61.9 | 64.9 | 59.8 | 177        | 183        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 10   | 56     | 26     | 0.367     | 0.003     | 0.935 | 0.039     | 0.039     | 0         | 61.5 | 64.1 | 61.1 | 176        | 181        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 11   | 6      | 26     | 0.282     | 0.043     | 0.935 | 0.043     | 0.039     | 0         | 61.5 | 64.1 | 61.5 | 175        | 181        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 11   | 16     | 26     | 0.4       | 0.036     | 0.935 | 0.036     | 0.033     | 0         | 60.6 | 63.2 | 63.2 | 173        | 179        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 11   | 26     | 26     | 0.377     | 0.052     | 0.935 | 0.043     | 0.039     | 0         | 60.2 | 63.6 | 61.9 | 173        | 180        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 11   | 36     | 26     | 0.387     | 0.052     | 0.935 | 0.039     | 0.036     | 0         | 60.6 | 64.1 | 62.4 | 173        | 180        | 0          | 32     | 31     |
| 2009 | 6     | 29  | 11   | 46     | 26     | 0.322     | 0.066     | 0.935 | 0.049     | 0.046     | 0         | 60.6 | 64.1 | 60.6 | 174        | 181        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 11   | 56     | 26     | 0.328     | 0.092     | 0.935 | 0.039     | 0.036     | 0         | 60.6 | 64.1 | 61.9 | 173        | 181        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 12   | 6      | 26     | 0.295     | 0.066     | 0.935 | 0.043     | 0.039     | 0         | 61.1 | 64.5 | 61.5 | 174        | 181        | 0          | 32     | 31     |
| 2009 | 6     | 29  | 12   | 16     | 26     | 0.312     | 0.072     | 0.935 | 0.036     | 0.033     | 0         | 60.2 | 63.2 | 62.4 | 172        | 179        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 12   | 26     | 26     | 0.325     | 0.095     | 0.935 | 0.039     | 0.036     | 0         | 61.9 | 65.4 | 60.2 | 176        | 184        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 12   | 36     | 26     | 0.269     | 0.036     | 0.935 | 0.036     | 0.033     | 0         | 61.5 | 64.9 | 61.5 | 175        | 182        | 0          | 32     | 31     |
| 2009 | 6     | 29  | 12   | 46     | 26     | 0.325     | 0.089     | 0.935 | 0.043     | 0.039     | 0         | 61.1 | 64.9 | 61.9 | 175        | 182        | 0          | 33     | 31     |
| 2009 | 6     | 29  | 12   | 56     | 26     | 0.344     | 0.131     | 0.938 | 0.039     | 0.036     | 0         | 61.9 | 65.4 | 59.3 | 176        | 183        | 0          | 32     | 31     |
| 2009 | 6     | 29  | 13   | 6      | 26     | 0.338     | 0.157     | 0.935 | 0.039     | 0.039     | 0         | 62.4 | 66.2 | 58.9 | 177        | 185        | 0          | 32     | 31     |
| 2009 | 6     | 29  | 13   | 16     | 26     | 0.282     | 0.125     | 0.938 | 0.049     | 0.046     | 0         | 64.5 | 67.9 | 56.3 | 182        | 190        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 13   | 26     | 26     | 0.23      | 0.072     | 0.935 | 0.039     | 0.039     | 0         | 63.6 | 66.7 | 58   | 179        | 187        | 0          | 31     | 32     |
| 2009 | 6     | 29  | 13   | 36     | 26     | 0.354     | 0.167     | 0.935 | 0.043     | 0.039     | 0         | 62.4 | 65.8 | 59.3 | 177        | 184        | 0          | 32     | 31     |
| 2009 | 6     | 29  | 13   | 46     | 26     | 0.364     | 0.026     | 0.935 | 0.043     | 0.039     | 0         | 61.9 | 65.4 | 59.3 | 176        | 183        | 0          | 32     | 31     |
| 2009 | 6     | 29  | 13   | 56     | 26     | 0.394     | 0.151     | 0.935 | 0.039     | 0.036     | 0         | 61.5 | 64.9 | 60.6 | 175        | 182        | 0          | 32     | 31     |
| 2009 | 6     | 29  | 14   | 6      | 26     | 0.397     | 0.092     | 0.935 | 0.046     | 0.046     | 0         | 61.1 | 64.5 | 61.1 | 174        | 181        | 0          | 32     | 31     |
| 2009 | 6     | 29  | 14   | 16     | 26     | 0.308     | 0.157     | 0.935 | 0.039     | 0.036     | 0         | 60.6 | 64.1 | 61.9 | 173        | 181        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 14   | 26     | 26     | 0.374     | 0.138     | 0.935 | 0.039     | 0.039     | 0         | 60.2 | 63.6 | 61.9 | 172        | 180        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 14   | 36     | 26     | 0.331     | 0.118     | 0.935 | 0.039     | 0.036     | 0         | 59.8 | 62.4 | 63.2 | 171        | 177        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 14   | 46     | 26     | 0.387     | 0.19      | 0.935 | 0.033     | 0.03      | 0         | 59.3 | 62.4 | 64.1 | 171        | 177        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 14   | 56     | 26     | 0.315     | 0.197     | 0.935 | 0.036     | 0.033     | 0         | 59.3 | 62.8 | 63.6 | 171        | 177        | 0          | 33     | 31     |
| 2009 | 6     | 29  | 15   | 6      | 26     | 0.335     | 0.167     | 0.935 | 0.039     | 0.039     | 0         | 59.3 | 63.2 | 62.8 | 170        | 178        | 0          | 32     | 31     |
| 2009 | 6     | 29  | 15   | 16     | 26     | 0.397     | 0.164     | 0.935 | 0.039     | 0.036     | 0         | 60.2 | 63.6 | 62.4 | 172        | 179        | 0          | 32     | 31     |
| 2009 | 6     | 29  | 15   | 26     | 26     | 0.282     | 0.148     | 0.935 | 0.036     | 0.033     | 0         | 60.2 | 63.6 | 61.9 | 172        | 179        | 0          | 32     | 31     |
| 2009 | 6     | 29  | 15   | 36     | 26     | 0.397     | 0.22      | 0.935 | 0.033     | 0.03      | 0         | 59.8 | 63.2 | 61.5 | 171        | 178        | 0          | 32     | 31     |
| 2009 | 6     | 29  | 15   | 46     | 26     | 0.253     | 0.174     | 0.935 | 0.043     | 0.039     | 0         | 59.3 | 63.2 | 64.1 | 171        | 179        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 15   | 56     | 26     | 0.305     | 0.115     | 0.935 | 0.039     | 0.039     | 0         | 59.8 | 62.8 | 62.4 | 171        | 178        | 0          | 32     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 29  | 16   | 6      | 26     | 0.302     | 0.157     | 0.935 | 0.046     | 0.046     | 0         | 59.3 | 62.8 | 63.6 | 170        | 178        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 16   | 16     | 26     | 0.299     | 0.207     | 0.935 | 0.039     | 0.039     | 0         | 59.8 | 63.2 | 63.2 | 171        | 178        | 0          | 32     | 31     |
| 2009 | 6     | 29  | 16   | 26     | 26     | 0.331     | 0.125     | 0.935 | 0.036     | 0.033     | 0         | 60.2 | 63.6 | 61.9 | 172        | 180        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 16   | 36     | 26     | 0.322     | 0.171     | 0.938 | 0.039     | 0.036     | 0         | 59.3 | 62.8 | 61.9 | 171        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 16   | 46     | 26     | 0.318     | 0.226     | 0.935 | 0.049     | 0.046     | 0         | 58.9 | 62.4 | 63.2 | 169        | 177        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 16   | 56     | 26     | 0.282     | 0.22      | 0.935 | 0.039     | 0.039     | 0         | 58.9 | 62.4 | 62.8 | 169        | 176        | 0          | 32     | 31     |
| 2009 | 6     | 29  | 17   | 6      | 26     | 0.299     | 0.253     | 0.935 | 0.039     | 0.036     | 0         | 58.9 | 62.4 | 63.2 | 169        | 176        | 0          | 32     | 31     |
| 2009 | 6     | 29  | 17   | 16     | 26     | 0.305     | 0.207     | 0.938 | 0.039     | 0.036     | 0         | 58.5 | 61.9 | 64.1 | 168        | 175        | 0          | 32     | 31     |
| 2009 | 6     | 29  | 17   | 26     | 26     | 0.358     | 0.243     | 0.938 | 0.043     | 0.039     | 0         | 58.5 | 61.5 | 63.6 | 168        | 174        | 0          | 32     | 31     |
| 2009 | 6     | 29  | 17   | 36     | 26     | 0.335     | 0.184     | 0.938 | 0.043     | 0.039     | 0         | 58   | 61.5 | 63.6 | 167        | 174        | 0          | 32     | 31     |
| 2009 | 6     | 29  | 17   | 46     | 26     | 0.397     | 0.197     | 0.938 | 0.039     | 0.039     | 0         | 58   | 61.5 | 64.1 | 167        | 175        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 17   | 56     | 26     | 0.328     | 0.24      | 0.938 | 0.049     | 0.049     | 0         | 57.6 | 61.1 | 64.9 | 167        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 18   | 6      | 26     | 0.338     | 0.141     | 0.938 | 0.043     | 0.039     | 0         | 57.6 | 61.1 | 64.1 | 166        | 174        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 18   | 16     | 26     | 0.354     | 0.112     | 0.938 | 0.039     | 0.039     | 0         | 58   | 61.5 | 63.6 | 167        | 175        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 18   | 26     | 26     | 0.341     | 0.056     | 0.938 | 0.036     | 0.033     | 0         | 58.5 | 61.5 | 63.6 | 168        | 175        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 18   | 36     | 26     | 0.223     | 0.089     | 0.938 | 0.046     | 0.043     | 0         | 58.9 | 61.9 | 62.8 | 169        | 175        | 0          | 32     | 31     |
| 2009 | 6     | 29  | 18   | 46     | 26     | 0.364     | 0.085     | 0.938 | 0.039     | 0.036     | 0         | 58   | 60.6 | 64.1 | 167        | 173        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 18   | 56     | 26     | 0.394     | 0.148     | 0.938 | 0.039     | 0.039     | 0         | 58   | 60.2 | 63.6 | 167        | 173        | 0          | 32     | 33     |
| 2009 | 6     | 29  | 19   | 6      | 26     | 0.377     | 0.043     | 0.935 | 0.039     | 0.039     | 0         | 57.6 | 61.1 | 64.5 | 166        | 173        | 0          | 32     | 31     |
| 2009 | 6     | 29  | 19   | 16     | 26     | 0.315     | 0.089     | 0.938 | 0.043     | 0.039     | 0         | 57.6 | 61.1 | 64.9 | 166        | 173        | 0          | 32     | 31     |
| 2009 | 6     | 29  | 19   | 26     | 26     | 0.394     | 0.079     | 0.938 | 0.039     | 0.036     | 0         | 58.5 | 61.5 | 63.6 | 168        | 175        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 19   | 36     | 26     | 0.262     | 0.046     | 0.938 | 0.039     | 0.036     | 0         | 58   | 61.1 | 64.1 | 167        | 174        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 19   | 46     | 26     | 0.312     | 0.121     | 0.938 | 0.039     | 0.039     | 0         | 57.2 | 60.6 | 64.1 | 165        | 172        | 0          | 32     | 31     |
| 2009 | 6     | 29  | 19   | 56     | 26     | 0.331     | 0.112     | 0.938 | 0.039     | 0.039     | 0         | 57.6 | 60.6 | 64.1 | 166        | 173        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 20   | 6      | 26     | 0.381     | 0.069     | 0.938 | 0.039     | 0.039     | 0         | 57.6 | 60.6 | 64.1 | 167        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 20   | 16     | 26     | 0.39      | 0.049     | 0.938 | 0.039     | 0.036     | 0         | 57.6 | 61.1 | 64.5 | 166        | 173        | 0          | 32     | 31     |
| 2009 | 6     | 29  | 20   | 26     | 26     | 0.361     | 0.033     | 0.938 | 0.039     | 0.039     | 0         | 58.9 | 61.5 | 63.6 | 169        | 175        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 20   | 36     | 26     | 0.348     | 0.079     | 0.938 | 0.036     | 0.033     | 0         | 58.5 | 61.5 | 63.2 | 169        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 20   | 46     | 26     | 0.381     | 0.036     | 0.938 | 0.043     | 0.039     | 0         | 57.6 | 60.6 | 63.6 | 166        | 173        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 20   | 56     | 26     | 0.371     | 0.026     | 0.938 | 0.039     | 0.039     | 0         | 58.5 | 61.1 | 63.2 | 168        | 174        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 21   | 6      | 26     | 0.387     | -0.02     | 0.938 | 0.039     | 0.036     | 0         | 58.5 | 61.9 | 62.4 | 168        | 175        | 0          | 32     | 31     |
| 2009 | 6     | 29  | 21   | 16     | 26     | 0.335     | 0.062     | 0.938 | 0.039     | 0.036     | 0         | 57.2 | 61.1 | 62.8 | 166        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 21   | 26     | 26     | 0.308     | 0.085     | 0.938 | 0.039     | 0.036     | 0         | 58   | 61.1 | 62.8 | 167        | 173        | 0          | 32     | 31     |
| 2009 | 6     | 29  | 21   | 36     | 26     | 0.371     | 0.112     | 0.938 | 0.036     | 0.033     | 0         | 57.6 | 60.6 | 64.1 | 167        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 21   | 46     | 26     | 0.351     | 0.052     | 0.938 | 0.036     | 0.033     | 0         | 57.6 | 61.1 | 63.6 | 166        | 174        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 21   | 56     | 26     | 0.361     | 0.131     | 0.938 | 0.039     | 0.039     | 0         | 58.9 | 61.9 | 61.9 | 169        | 176        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 22   | 6      | 26     | 0.351     | 0.007     | 0.938 | 0.039     | 0.036     | 0         | 57.6 | 60.2 | 63.6 | 166        | 172        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 22   | 16     | 26     | 0.43      | -0.036    | 0.938 | 0.039     | 0.036     | 0         | 58.9 | 61.5 | 62.4 | 169        | 176        | 0          | 32     | 33     |
| 2009 | 6     | 29  | 22   | 26     | 26     | 0.335     | 0.069     | 0.938 | 0.036     | 0.033     | 0         | 58   | 61.5 | 61.5 | 168        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 22   | 36     | 26     | 0.341     | 0.069     | 0.938 | 0.033     | 0.03      | 0         | 57.2 | 60.6 | 63.2 | 166        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 22   | 46     | 26     | 0.285     | 0.072     | 0.938 | 0.036     | 0.033     | 0         | 57.2 | 60.6 | 63.2 | 166        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 22   | 56     | 26     | 0.351     | 0.059     | 0.938 | 0.039     | 0.036     | 0         | 58   | 61.1 | 63.6 | 167        | 174        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 23   | 6      | 26     | 0.41      | 0.043     | 0.938 | 0.049     | 0.049     | 0         | 57.6 | 59.8 | 63.2 | 166        | 172        | 0          | 32     | 33     |
| 2009 | 6     | 29  | 23   | 16     | 26     | 0.449     | 0.003     | 0.938 | 0.039     | 0.036     | 0         | 58   | 60.6 | 63.6 | 167        | 173        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 23   | 26     | 26     | 0.361     | 0.075     | 0.938 | 0.039     | 0.036     | 0         | 57.2 | 61.1 | 64.1 | 166        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 23   | 36     | 26     | 0.387     | 0.036     | 0.938 | 0.039     | 0.036     | 0         | 58.9 | 62.4 | 60.6 | 170        | 177        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 23   | 46     | 26     | 0.407     | -0.013    | 0.938 | 0.039     | 0.039     | 0         | 58.5 | 61.1 | 62.4 | 168        | 175        | 0          | 32     | 33     |
| 2009 | 6     | 29  | 23   | 56     | 26     | 0.387     | -0.033    | 0.938 | 0.036     | 0.033     | 0         | 58.5 | 61.1 | 61.5 | 168        | 175        | 0          | 32     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 30  | 0    | 6      | 26     | 0.4       | 0.033     | 0.938 | 0.036     | 0.033     | 0         | 59.3 | 61.9 | 61.1 | 171        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 0    | 16     | 26     | 0.344     | 0.089     | 0.938 | 0.039     | 0.039     | 0         | 58.9 | 62.8 | 60.2 | 170        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 0    | 26     | 26     | 0.328     | 0.141     | 0.938 | 0.039     | 0.039     | 0         | 59.3 | 62.4 | 60.2 | 171        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 0    | 36     | 26     | 0.351     | 0.072     | 0.938 | 0.039     | 0.036     | 0         | 60.2 | 62.8 | 59.3 | 173        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 0    | 46     | 26     | 0.384     | 0.112     | 0.938 | 0.036     | 0.033     | 0         | 59.8 | 61.9 | 60.6 | 172        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 0    | 56     | 26     | 0.358     | 0.085     | 0.938 | 0.043     | 0.039     | 0         | 58.9 | 61.1 | 61.5 | 170        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 1    | 6      | 26     | 0.348     | 0.066     | 0.938 | 0.036     | 0.033     | 0         | 59.3 | 61.9 | 60.6 | 170        | 176        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 1    | 16     | 26     | 0.413     | 0.013     | 0.938 | 0.039     | 0.039     | 0         | 58.9 | 61.9 | 60.6 | 170        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 1    | 26     | 26     | 0.446     | 0.072     | 0.942 | 0.043     | 0.039     | 0         | 58   | 61.1 | 62.4 | 168        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 1    | 36     | 26     | 0.453     | 0.069     | 0.942 | 0.043     | 0.039     | 0         | 59.8 | 62.8 | 59.3 | 172        | 179        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 1    | 46     | 26     | 0.4       | -0.003    | 0.942 | 0.039     | 0.039     | 0         | 59.3 | 61.5 | 60.2 | 171        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 1    | 56     | 26     | 0.397     | 0.161     | 0.942 | 0.033     | 0.03      | 0         | 58.9 | 61.5 | 61.1 | 170        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 2    | 6      | 26     | 0.433     | 0.016     | 0.945 | 0.043     | 0.039     | 0         | 60.6 | 63.2 | 58.5 | 174        | 180        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 2    | 16     | 26     | 0.367     | 0.069     | 0.942 | 0.049     | 0.046     | 0         | 58.9 | 61.9 | 60.2 | 170        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 2    | 26     | 26     | 0.397     | 0.03      | 0.945 | 0.039     | 0.036     | 0         | 58   | 61.1 | 61.1 | 168        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 2    | 36     | 26     | 0.486     | -0.02     | 0.945 | 0.039     | 0.039     | 0         | 58.5 | 61.1 | 60.6 | 169        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 2    | 46     | 26     | 0.423     | 0.056     | 0.945 | 0.039     | 0.036     | 0         | 58.9 | 61.1 | 60.6 | 169        | 175        | 0          | 32     | 33     |
| 2009 | 6     | 30  | 2    | 56     | 26     | 0.433     | -0.03     | 0.948 | 0.036     | 0.033     | 0         | 59.8 | 61.9 | 60.2 | 171        | 176        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 3    | 6      | 26     | 0.358     | 0.082     | 0.945 | 0.036     | 0.033     | 0         | 59.3 | 61.5 | 61.1 | 171        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 3    | 16     | 26     | 0.427     | 0.066     | 0.948 | 0.036     | 0.033     | 0         | 58.9 | 60.6 | 61.5 | 169        | 174        | 0          | 32     | 33     |
| 2009 | 6     | 30  | 3    | 26     | 26     | 0.354     | 0.049     | 0.948 | 0.039     | 0.039     | 0         | 58.9 | 61.1 | 61.1 | 169        | 174        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 3    | 36     | 26     | 0.394     | 0.036     | 0.951 | 0.036     | 0.033     | 0         | 58   | 60.6 | 61.9 | 168        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 3    | 46     | 26     | 0.443     | 0.036     | 0.951 | 0.033     | 0.03      | 0         | 58   | 60.6 | 61.9 | 168        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 3    | 56     | 26     | 0.482     | 0.013     | 0.951 | 0.039     | 0.036     | 0         | 58.9 | 61.1 | 61.1 | 170        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 4    | 6      | 26     | 0.397     | 0.02      | 0.955 | 0.033     | 0.03      | 0         | 58.5 | 61.1 | 61.5 | 169        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 4    | 16     | 26     | 0.502     | 0.069     | 0.955 | 0.043     | 0.039     | 0         | 58.9 | 60.6 | 61.1 | 169        | 174        | 0          | 32     | 33     |
| 2009 | 6     | 30  | 4    | 26     | 26     | 0.499     | 0.085     | 0.955 | 0.039     | 0.036     | 0         | 58.9 | 61.1 | 61.9 | 169        | 174        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 4    | 36     | 26     | 0.377     | 0.075     | 0.955 | 0.036     | 0.033     | 0         | 58.5 | 60.2 | 61.5 | 169        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 4    | 46     | 26     | 0.466     | -0.026    | 0.955 | 0.036     | 0.033     | 0         | 58.9 | 61.1 | 61.1 | 169        | 175        | 0          | 32     | 33     |
| 2009 | 6     | 30  | 4    | 56     | 26     | 0.43      | 0.066     | 0.955 | 0.039     | 0.036     | 0         | 58.9 | 60.6 | 61.9 | 170        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 5    | 6      | 26     | 0.449     | 0.03      | 0.955 | 0.036     | 0.033     | 0         | 58.5 | 60.2 | 61.5 | 168        | 173        | 0          | 32     | 33     |
| 2009 | 6     | 30  | 5    | 16     | 26     | 0.482     | -0.013    | 0.958 | 0.039     | 0.039     | 0         | 58   | 60.2 | 61.9 | 169        | 172        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 5    | 26     | 26     | 0.443     | -0.049    | 0.958 | 0.039     | 0.039     | 0         | 58   | 60.2 | 62.4 | 168        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 5    | 36     | 26     | 0.499     | 0.016     | 0.958 | 0.039     | 0.036     | 0         | 58   | 60.2 | 62.4 | 168        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 5    | 46     | 26     | 0.427     | 0.069     | 0.958 | 0.039     | 0.036     | 0         | 58.9 | 61.5 | 61.1 | 170        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 5    | 56     | 26     | 0.449     | 0.016     | 0.958 | 0.033     | 0.03      | 0         | 60.6 | 62.4 | 60.2 | 174        | 178        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 6    | 6      | 26     | 0.505     | 0.062     | 0.958 | 0.043     | 0.039     | 0         | 60.2 | 61.9 | 60.6 | 173        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 6    | 16     | 26     | 0.456     | 0.056     | 0.958 | 0.039     | 0.036     | 0         | 58.5 | 61.1 | 61.1 | 170        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 6    | 26     | 26     | 0.472     | 0.095     | 0.958 | 0.043     | 0.039     | 0         | 58.9 | 61.1 | 61.9 | 170        | 175        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 6    | 36     | 26     | 0.502     | 0.098     | 0.958 | 0.033     | 0.03      | 0         | 59.3 | 61.5 | 61.5 | 171        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 6    | 46     | 26     | 0.495     | 0.138     | 0.958 | 0.039     | 0.036     | 0         | 58.5 | 61.1 | 62.4 | 170        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 6    | 56     | 26     | 0.41      | -0.036    | 0.958 | 0.039     | 0.036     | 0         | 57.6 | 59.8 | 63.2 | 167        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 7    | 6      | 26     | 0.466     | 0.03      | 0.958 | 0.043     | 0.039     | 0         | 57.2 | 59.8 | 64.5 | 166        | 171        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 7    | 16     | 26     | 0.486     | -0.043    | 0.958 | 0.036     | 0.033     | 0         | 57.6 | 60.2 | 63.2 | 167        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 7    | 26     | 26     | 0.502     | 0.052     | 0.958 | 0.043     | 0.039     | 0         | 58.5 | 60.6 | 62.8 | 169        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 7    | 36     | 26     | 0.443     | 0.062     | 0.958 | 0.039     | 0.039     | 0         | 58   | 60.6 | 62.8 | 168        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 7    | 46     | 26     | 0.449     | 0.039     | 0.958 | 0.036     | 0.033     | 0         | 58   | 60.2 | 62.8 | 168        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 7    | 56     | 26     | 0.512     | 0.033     | 0.958 | 0.036     | 0.033     | 0         | 58.9 | 61.5 | 61.5 | 170        | 176        | 0          | 33     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 30  | 8    | 6      | 26     | 0.459     | 0.069     | 0.958 | 0.036     | 0.033     | 0         | 58   | 60.6 | 62.8 | 168        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 8    | 16     | 26     | 0.453     | 0.02      | 0.958 | 0.039     | 0.036     | 0         | 58.9 | 61.1 | 61.9 | 170        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 8    | 26     | 26     | 0.541     | 0.066     | 0.958 | 0.039     | 0.039     | 0         | 57.6 | 60.2 | 62.8 | 168        | 173        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 8    | 36     | 26     | 0.518     | 0         | 0.958 | 0.039     | 0.036     | 0         | 57.6 | 59.8 | 63.6 | 167        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 8    | 46     | 26     | 0.453     | -0.01     | 0.958 | 0.043     | 0.039     | 0         | 58   | 59.3 | 63.2 | 168        | 172        | 0          | 33     | 34     |
| 2009 | 6     | 30  | 8    | 56     | 26     | 0.515     | -0.02     | 0.958 | 0.036     | 0.033     | 0         | 58.5 | 59.8 | 62.4 | 169        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 9    | 6      | 26     | 0.482     | 0.016     | 0.958 | 0.039     | 0.036     | 0         | 58   | 59.8 | 62.8 | 168        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 9    | 16     | 26     | 0.42      | 0.105     | 0.958 | 0.036     | 0.033     | 0         | 58.5 | 60.6 | 61.5 | 169        | 174        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 9    | 26     | 26     | 0.459     | 0.01      | 0.961 | 0.043     | 0.039     | 0         | 58.9 | 60.2 | 62.8 | 170        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 9    | 36     | 26     | 0.482     | -0.02     | 0.958 | 0.039     | 0.039     | 0         | 61.9 | 63.6 | 57.2 | 177        | 181        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 9    | 46     | 26     | 0.436     | 0.066     | 0.958 | 0.039     | 0.036     | 0         | 58.9 | 61.1 | 61.5 | 171        | 175        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 9    | 56     | 26     | 0.459     | 0.036     | 0.958 | 0.039     | 0.036     | 0         | 59.3 | 61.9 | 60.6 | 171        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 10   | 6      | 26     | 0.472     | 0.016     | 0.958 | 0.039     | 0.036     | 0         | 59.3 | 61.5 | 60.6 | 171        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 10   | 16     | 26     | 0.505     | 0.033     | 0.958 | 0.043     | 0.039     | 0         | 58.5 | 61.5 | 61.5 | 169        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 10   | 26     | 26     | 0.466     | 0         | 0.958 | 0.039     | 0.039     | 0         | 59.8 | 61.9 | 61.1 | 172        | 176        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 10   | 36     | 26     | 0.479     | 0.062     | 0.958 | 0.033     | 0.03      | 0         | 59.3 | 61.9 | 59.8 | 172        | 177        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 10   | 46     | 26     | 0.469     | 0.079     | 0.958 | 0.033     | 0.03      | 0         | 58.9 | 61.5 | 61.5 | 170        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 10   | 56     | 26     | 0.545     | 0.131     | 0.955 | 0.039     | 0.039     | 0         | 59.8 | 62.4 | 59.3 | 172        | 177        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 11   | 6      | 26     | 0.436     | 0.144     | 0.955 | 0.039     | 0.039     | 0         | 60.2 | 61.9 | 59.8 | 172        | 176        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 11   | 16     | 26     | 0.505     | 0.066     | 0.955 | 0.039     | 0.036     | 0         | 59.8 | 61.9 | 59.8 | 172        | 177        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 11   | 26     | 26     | 0.43      | 0.085     | 0.951 | 0.043     | 0.039     | 0         | 61.1 | 62.8 | 59.3 | 174        | 178        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 11   | 36     | 26     | 0.443     | 0.174     | 0.951 | 0.043     | 0.039     | 0         | 60.2 | 62.8 | 59.3 | 172        | 178        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 11   | 46     | 26     | 0.449     | 0.069     | 0.951 | 0.039     | 0.039     | 0         | 60.2 | 62.4 | 59.8 | 172        | 177        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 11   | 56     | 26     | 0.456     | 0.075     | 0.951 | 0.039     | 0.039     | 0         | 60.6 | 63.2 | 59.8 | 174        | 179        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 12   | 6      | 26     | 0.466     | 0.095     | 0.948 | 0.039     | 0.039     | 0         | 62.4 | 64.9 | 57.6 | 178        | 183        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 12   | 16     | 26     | 0.413     | 0.128     | 0.951 | 0.039     | 0.039     | 0         | 61.5 | 63.6 | 59.8 | 174        | 179        | 0          | 31     | 31     |
| 2009 | 6     | 30  | 12   | 26     | 26     | 0.479     | 0.059     | 0.948 | 0.039     | 0.036     | 0         | 59.8 | 62.4 | 59.3 | 172        | 177        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 12   | 36     | 26     | 0.374     | 0.121     | 0.951 | 0.043     | 0.039     | 0         | 60.6 | 62.8 | 60.2 | 174        | 178        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 12   | 46     | 26     | 0.528     | 0.18      | 0.951 | 0.033     | 0.03      | 0         | 61.9 | 63.6 | 58.9 | 176        | 181        | 0          | 32     | 33     |
| 2009 | 6     | 30  | 12   | 56     | 26     | 0.486     | 0.102     | 0.948 | 0.043     | 0.039     | 0         | 63.2 | 66.2 | 56.3 | 179        | 185        | 0          | 32     | 31     |
| 2009 | 6     | 30  | 13   | 6      | 26     | 0.42      | 0.157     | 0.948 | 0.043     | 0.039     | 0         | 61.9 | 65.4 | 58   | 177        | 183        | 0          | 33     | 31     |
| 2009 | 6     | 30  | 13   | 16     | 26     | 0.433     | 0.184     | 0.951 | 0.036     | 0.033     | 0         | 61.9 | 64.9 | 57.6 | 177        | 183        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 13   | 26     | 26     | 0.397     | 0.112     | 0.948 | 0.043     | 0.039     | 0         | 61.5 | 64.5 | 58.5 | 176        | 182        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 13   | 36     | 26     | 0.41      | 0.197     | 0.948 | 0.039     | 0.039     | 0         | 62.8 | 64.9 | 58   | 178        | 183        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 13   | 46     | 26     | 0.384     | 0.184     | 0.948 | 0.039     | 0.036     | 0         | 61.1 | 64.1 | 59.3 | 175        | 180        | 0          | 33     | 31     |
| 2009 | 6     | 30  | 13   | 56     | 26     | 0.413     | 0.144     | 0.948 | 0.043     | 0.039     | 0         | 62.8 | 65.4 | 57.6 | 178        | 184        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 14   | 6      | 26     | 0.43      | 0.128     | 0.948 | 0.043     | 0.039     | 0         | 63.2 | 65.8 | 58.5 | 179        | 185        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 14   | 16     | 26     | 0.433     | 0.203     | 0.948 | 0.043     | 0.039     | 0         | 63.6 | 66.2 | 58.9 | 179        | 185        | 0          | 31     | 31     |
| 2009 | 6     | 30  | 14   | 26     | 26     | 0.469     | 0.131     | 0.945 | 0.036     | 0.033     | 0         | 63.2 | 66.7 | 56.8 | 179        | 187        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 14   | 36     | 26     | 0.404     | 0.148     | 0.945 | 0.039     | 0.036     | 0         | 63.2 | 65.8 | 58   | 179        | 184        | 0          | 32     | 31     |
| 2009 | 6     | 30  | 14   | 46     | 26     | 0.44      | 0.144     | 0.945 | 0.043     | 0.039     | 0         | 63.2 | 65.8 | 57.2 | 179        | 185        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 14   | 56     | 26     | 0.433     | 0.135     | 0.945 | 0.043     | 0.039     | 0         | 63.6 | 66.2 | 57.2 | 180        | 186        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 15   | 6      | 26     | 0.486     | 0.154     | 0.945 | 0.039     | 0.039     | 0         | 62.8 | 65.4 | 59.3 | 177        | 183        | 0          | 31     | 31     |
| 2009 | 6     | 30  | 15   | 16     | 26     | 0.476     | 0.253     | 0.945 | 0.043     | 0.039     | 0         | 62.4 | 64.9 | 59.3 | 177        | 182        | 0          | 32     | 31     |
| 2009 | 6     | 30  | 15   | 26     | 26     | 0.463     | 0.092     | 0.945 | 0.036     | 0.033     | 0         | 62.4 | 64.5 | 58.9 | 177        | 182        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 15   | 36     | 26     | 0.397     | 0.128     | 0.945 | 0.033     | 0.03      | 0         | 62.4 | 65.4 | 57.6 | 178        | 183        | 0          | 33     | 31     |
| 2009 | 6     | 30  | 15   | 46     | 26     | 0.407     | 0.105     | 0.945 | 0.039     | 0.036     | 0         | 61.5 | 63.2 | 60.2 | 175        | 179        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 15   | 56     | 26     | 0.384     | 0.167     | 0.945 | 0.043     | 0.039     | 0         | 61.5 | 63.6 | 59.8 | 175        | 180        | 0          | 32     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 30  | 16   | 6      | 26     | 0.489     | 0.112     | 0.945 | 0.046     | 0.043     | 0         | 61.5 | 64.1 | 59.8 | 175        | 180        | 0          | 32     | 31     |
| 2009 | 6     | 30  | 16   | 16     | 26     | 0.371     | 0.167     | 0.945 | 0.033     | 0.03      | 0         | 60.2 | 63.2 | 60.6 | 173        | 178        | 0          | 33     | 31     |
| 2009 | 6     | 30  | 16   | 26     | 26     | 0.433     | 0.085     | 0.945 | 0.039     | 0.039     | 0         | 60.2 | 61.9 | 61.9 | 172        | 176        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 16   | 36     | 26     | 0.413     | 0.138     | 0.945 | 0.036     | 0.033     | 0         | 59.8 | 62.4 | 61.5 | 171        | 176        | 0          | 32     | 31     |
| 2009 | 6     | 30  | 16   | 46     | 26     | 0.466     | 0.052     | 0.945 | 0.039     | 0.039     | 0         | 59.8 | 62.4 | 62.4 | 171        | 176        | 0          | 32     | 31     |
| 2009 | 6     | 30  | 16   | 56     | 26     | 0.518     | 0.075     | 0.945 | 0.039     | 0.039     | 0         | 59.8 | 62.4 | 62.4 | 171        | 176        | 0          | 32     | 31     |
| 2009 | 6     | 30  | 17   | 6      | 26     | 0.449     | 0.112     | 0.945 | 0.039     | 0.036     | 0         | 59.8 | 62.4 | 61.9 | 171        | 176        | 0          | 32     | 31     |
| 2009 | 6     | 30  | 17   | 16     | 26     | 0.554     | 0.125     | 0.945 | 0.043     | 0.039     | 0         | 59.8 | 61.9 | 61.5 | 171        | 176        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 17   | 26     | 26     | 0.479     | 0.108     | 0.945 | 0.039     | 0.039     | 0         | 59.8 | 61.5 | 61.9 | 171        | 175        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 17   | 36     | 26     | 0.505     | 0.148     | 0.945 | 0.039     | 0.036     | 0         | 58.9 | 60.6 | 62.8 | 170        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 17   | 46     | 26     | 0.443     | 0.052     | 0.945 | 0.039     | 0.036     | 0         | 58.9 | 61.5 | 61.5 | 170        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 17   | 56     | 26     | 0.509     | 0.085     | 0.945 | 0.043     | 0.039     | 0         | 59.3 | 61.1 | 62.4 | 170        | 174        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 18   | 6      | 26     | 0.463     | 0.131     | 0.945 | 0.036     | 0.033     | 0         | 58.9 | 61.1 | 62.8 | 169        | 174        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 18   | 16     | 26     | 0.482     | 0.089     | 0.945 | 0.039     | 0.039     | 0         | 59.3 | 60.6 | 62.8 | 169        | 173        | 0          | 31     | 32     |
| 2009 | 6     | 30  | 18   | 26     | 26     | 0.509     | 0.125     | 0.945 | 0.039     | 0.039     | 0         | 59.3 | 61.1 | 62.4 | 170        | 174        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 18   | 36     | 26     | 0.427     | 0.03      | 0.945 | 0.039     | 0.039     | 0         | 58   | 61.1 | 63.2 | 169        | 174        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 18   | 46     | 26     | 0.522     | 0.052     | 0.945 | 0.039     | 0.036     | 0         | 58.5 | 61.1 | 62.4 | 169        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 18   | 56     | 26     | 0.446     | 0.082     | 0.945 | 0.043     | 0.039     | 0         | 59.3 | 61.1 | 62.8 | 170        | 174        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 19   | 6      | 26     | 0.522     | 0.023     | 0.945 | 0.039     | 0.039     | 0         | 58.9 | 61.5 | 61.1 | 170        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 19   | 16     | 26     | 0.499     | 0.079     | 0.945 | 0.039     | 0.039     | 0         | 58.9 | 61.5 | 61.5 | 169        | 175        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 19   | 26     | 26     | 0.574     | 0.085     | 0.945 | 0.039     | 0.036     | 0         | 59.8 | 61.5 | 60.6 | 171        | 175        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 19   | 36     | 26     | 0.571     | 0.154     | 0.945 | 0.033     | 0.03      | 0         | 59.3 | 61.1 | 61.5 | 170        | 174        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 19   | 46     | 26     | 0.472     | 0.098     | 0.945 | 0.049     | 0.046     | 0         | 58.9 | 60.6 | 62.4 | 169        | 173        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 19   | 56     | 26     | 0.407     | 0.01      | 0.945 | 0.033     | 0.03      | 0         | 60.6 | 62.4 | 59.8 | 173        | 177        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 20   | 6      | 26     | 0.564     | 0.062     | 0.948 | 0.046     | 0.043     | 0         | 59.3 | 61.5 | 61.1 | 170        | 174        | 0          | 32     | 31     |
| 2009 | 6     | 30  | 20   | 16     | 26     | 0.476     | -0.039    | 0.948 | 0.039     | 0.039     | 0         | 59.8 | 61.5 | 60.6 | 171        | 174        | 0          | 32     | 31     |
| 2009 | 6     | 30  | 20   | 26     | 26     | 0.545     | 0.043     | 0.948 | 0.039     | 0.036     | 0         | 58.5 | 60.6 | 61.5 | 169        | 173        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 20   | 36     | 26     | 0.515     | 0.036     | 0.948 | 0.039     | 0.039     | 0         | 58.9 | 61.5 | 60.2 | 170        | 174        | 0          | 33     | 31     |
| 2009 | 6     | 30  | 20   | 46     | 26     | 0.564     | 0.079     | 0.948 | 0.043     | 0.039     | 0         | 59.8 | 61.5 | 59.3 | 171        | 175        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 20   | 56     | 26     | 0.535     | 0.056     | 0.948 | 0.036     | 0.033     | 0         | 59.8 | 61.5 | 59.8 | 172        | 176        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 21   | 6      | 26     | 0.479     | 0.102     | 0.948 | 0.039     | 0.039     | 0         | 59.8 | 61.5 | 60.6 | 170        | 175        | 0          | 31     | 32     |
| 2009 | 6     | 30  | 21   | 16     | 26     | 0.489     | 0.082     | 0.951 | 0.039     | 0.036     | 0         | 59.8 | 61.5 | 60.6 | 171        | 175        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 21   | 26     | 26     | 0.607     | 0.049     | 0.948 | 0.039     | 0.039     | 0         | 58.5 | 60.6 | 61.5 | 168        | 173        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 21   | 36     | 26     | 0.541     | 0.03      | 0.948 | 0.039     | 0.039     | 0         | 60.2 | 62.4 | 58.9 | 173        | 177        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 21   | 46     | 26     | 0.459     | 0.121     | 0.948 | 0.039     | 0.036     | 0         | 61.1 | 63.2 | 56.8 | 175        | 179        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 21   | 56     | 26     | 0.528     | 0.066     | 0.951 | 0.039     | 0.039     | 0         | 61.1 | 62.8 | 57.2 | 174        | 178        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 22   | 6      | 26     | 0.515     | 0.052     | 0.948 | 0.039     | 0.039     | 0         | 59.3 | 61.1 | 59.8 | 171        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 22   | 16     | 26     | 0.538     | -0.026    | 0.951 | 0.046     | 0.046     | 0         | 60.6 | 61.9 | 58   | 173        | 177        | 0          | 32     | 33     |
| 2009 | 6     | 30  | 22   | 26     | 26     | 0.561     | 0.049     | 0.951 | 0.036     | 0.033     | 0         | 58   | 59.8 | 61.5 | 168        | 172        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 22   | 36     | 26     | 0.538     | 0.033     | 0.951 | 0.043     | 0.039     | 0         | 59.8 | 62.4 | 59.3 | 172        | 177        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 22   | 46     | 26     | 0.443     | -0.016    | 0.951 | 0.033     | 0.03      | 0         | 59.3 | 61.1 | 61.1 | 171        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 22   | 56     | 26     | 0.456     | 0.036     | 0.955 | 0.039     | 0.036     | 0         | 58.5 | 60.2 | 62.4 | 168        | 172        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 23   | 6      | 26     | 0.564     | 0.069     | 0.951 | 0.039     | 0.039     | 0         | 59.8 | 61.1 | 59.3 | 171        | 175        | 0          | 32     | 33     |
| 2009 | 6     | 30  | 23   | 16     | 26     | 0.509     | 0.059     | 0.955 | 0.039     | 0.036     | 0         | 59.3 | 61.5 | 60.2 | 171        | 175        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 23   | 26     | 26     | 0.492     | 0.036     | 0.955 | 0.039     | 0.036     | 0         | 58.9 | 60.2 | 60.2 | 170        | 173        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 23   | 36     | 26     | 0.479     | 0.056     | 0.955 | 0.039     | 0.039     | 0         | 58.9 | 60.6 | 61.5 | 169        | 173        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 23   | 46     | 26     | 0.577     | -0.069    | 0.955 | 0.033     | 0.03      | 0         | 59.3 | 61.1 | 60.6 | 171        | 174        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 23   | 56     | 26     | 0.528     | 0.007     | 0.951 | 0.043     | 0.039     | 0         | 58.9 | 60.2 | 61.5 | 169        | 172        | 0          | 32     | 32     |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 1   | 0    | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 0    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 0    | 22     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 0    | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 0    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 0    | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 1    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 1    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 1    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 1    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 1    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 1    | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 2    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 3    | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 4    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 4    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 4    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 4    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 4    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 4    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 5    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 5    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 5    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 5    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 5    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 5    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 6    | 2      | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 6    | 12     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 6    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 6    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 6    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 6    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 7    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 7    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 7    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.88       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 7    | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 7    | 42     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 7    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 1   | 8    | 2      | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 8    | 12     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 8    | 22     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.11       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 8    | 32     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.2        | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 8    | 42     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 8    | 52     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 9    | 2      | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 9    | 12     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 9    | 22     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 13      |
| 2009 | 6     | 1   | 9    | 32     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 13      |
| 2009 | 6     | 1   | 9    | 42     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 13      |
| 2009 | 6     | 1   | 9    | 52     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 13      |
| 2009 | 6     | 1   | 10   | 2      | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 13.2    |
| 2009 | 6     | 1   | 10   | 12     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 13      |
| 2009 | 6     | 1   | 10   | 22     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 13.2    |
| 2009 | 6     | 1   | 10   | 32     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 13      |
| 2009 | 6     | 1   | 10   | 42     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 13.2    |
| 2009 | 6     | 1   | 10   | 52     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 13.2    |
| 2009 | 6     | 1   | 11   | 2      | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 13.2    |
| 2009 | 6     | 1   | 11   | 12     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 13.2    |
| 2009 | 6     | 1   | 11   | 22     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 13.2    |
| 2009 | 6     | 1   | 11   | 32     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 13.4    |
| 2009 | 6     | 1   | 11   | 42     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 13.2    |
| 2009 | 6     | 1   | 11   | 52     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 13.2    |
| 2009 | 6     | 1   | 12   | 2      | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 13.4    |
| 2009 | 6     | 1   | 12   | 12     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 13.2    |
| 2009 | 6     | 1   | 12   | 22     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 13.4    |
| 2009 | 6     | 1   | 12   | 32     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 13.4    |
| 2009 | 6     | 1   | 12   | 42     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 13.2    |
| 2009 | 6     | 1   | 12   | 52     | 31     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 13.4    |
| 2009 | 6     | 1   | 13   | 2      | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 13.2    |
| 2009 | 6     | 1   | 13   | 12     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 13      |
| 2009 | 6     | 1   | 13   | 22     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 13   | 32     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 13   | 42     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 13   | 52     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 14   | 2      | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 14   | 12     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 14   | 22     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 14   | 32     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 14   | 42     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 13      |
| 2009 | 6     | 1   | 14   | 52     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 15   | 2      | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 15   | 12     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 15   | 22     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 15   | 32     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 15   | 42     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 15   | 52     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12.2    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 1   | 16   | 2      | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 16   | 12     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 16   | 22     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 16   | 32     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 16   | 42     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 16   | 52     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 17   | 2      | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 17   | 12     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 17   | 22     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 17   | 32     | 31     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 17   | 42     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 17   | 52     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12      |
| 2009 | 6     | 1   | 18   | 2      | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 18   | 12     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 18   | 22     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 18   | 32     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 18   | 42     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 18   | 52     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 19   | 2      | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 19   | 12     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 19   | 22     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 19   | 32     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12      |
| 2009 | 6     | 1   | 19   | 42     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 19   | 52     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 20   | 2      | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 20   | 12     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 20   | 22     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 20   | 32     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 20   | 42     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 20   | 52     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 21   | 2      | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 21   | 12     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 21   | 22     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 21   | 32     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 21   | 42     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 21   | 52     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 22   | 2      | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 22   | 12     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 22   | 22     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 22   | 32     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 22   | 42     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 22   | 52     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 23   | 2      | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 23   | 12     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 23   | 22     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 23   | 32     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 23   | 42     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 23   | 52     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 2   | 0    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 0    | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 0    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 0    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 0    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 0    | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 1    | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 1    | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 1    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 1    | 32     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 1    | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 1    | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 2    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 2    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 2    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 2    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 2    | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 2    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 3    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 3    | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 3    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 3    | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 3    | 42     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 3    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 4    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 4    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 4    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 4    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 4    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 4    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 5    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 5    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 5    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 5    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 5    | 42     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 5    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 6    | 2      | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 6    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 6    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 6    | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 6    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 6    | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 7    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 7    | 12     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.75       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 7    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 7    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.88       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 7    | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 7    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 2   | 8    | 2      | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 8    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 8    | 22     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 8    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 8    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 13      |
| 2009 | 6     | 2   | 8    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 13      |
| 2009 | 6     | 2   | 9    | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 13      |
| 2009 | 6     | 2   | 9    | 12     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 13      |
| 2009 | 6     | 2   | 9    | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 13.2    |
| 2009 | 6     | 2   | 9    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 13.2    |
| 2009 | 6     | 2   | 9    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 13.2    |
| 2009 | 6     | 2   | 9    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 13.2    |
| 2009 | 6     | 2   | 10   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 13.4    |
| 2009 | 6     | 2   | 10   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 13.2    |
| 2009 | 6     | 2   | 10   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 13.2    |
| 2009 | 6     | 2   | 10   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 13.4    |
| 2009 | 6     | 2   | 10   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 13.4    |
| 2009 | 6     | 2   | 10   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 13.4    |
| 2009 | 6     | 2   | 11   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 13.4    |
| 2009 | 6     | 2   | 11   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 13.4    |
| 2009 | 6     | 2   | 11   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 13.4    |
| 2009 | 6     | 2   | 11   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 13.4    |
| 2009 | 6     | 2   | 11   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 13.4    |
| 2009 | 6     | 2   | 11   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 13.4    |
| 2009 | 6     | 2   | 12   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 13.4    |
| 2009 | 6     | 2   | 12   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 13.4    |
| 2009 | 6     | 2   | 12   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 13.4    |
| 2009 | 6     | 2   | 12   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 13.4    |
| 2009 | 6     | 2   | 12   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 13.4    |
| 2009 | 6     | 2   | 12   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 13.4    |
| 2009 | 6     | 2   | 13   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 13.4    |
| 2009 | 6     | 2   | 13   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 13.4    |
| 2009 | 6     | 2   | 13   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 13.4    |
| 2009 | 6     | 2   | 13   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 13.4    |
| 2009 | 6     | 2   | 13   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 13   | 52     | 31     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 14   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 14   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 14   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 14   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 13.4    |
| 2009 | 6     | 2   | 14   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 13.4    |
| 2009 | 6     | 2   | 14   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 13.4    |
| 2009 | 6     | 2   | 15   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 13.2    |
| 2009 | 6     | 2   | 15   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 13.2    |
| 2009 | 6     | 2   | 15   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 15   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 13.2    |
| 2009 | 6     | 2   | 15   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 13      |
| 2009 | 6     | 2   | 15   | 52     | 31     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 2   | 16   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 16   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 16   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 16   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 16   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 16   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 17   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 17   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 17   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 17   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 17   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 17   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 18   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 18   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 18   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 18   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 18   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 18   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 19   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 19   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 19   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 19   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 19   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 19   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 20   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 20   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 20   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 20   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 20   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 20   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 21   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 21   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 21   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 21   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 21   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 21   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 22   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 22   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 22   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 22   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 22   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 22   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 23   | 2      | 31     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 23   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 23   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 23   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 23   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 23   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 3   | 0    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 0    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 0    | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 0    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 0    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 0    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 1    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 1    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 1    | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 1    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 1    | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 1    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 2    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 2    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 2    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 2    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 2    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 2    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 3    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 3    | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 3    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 3    | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 3    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 3    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 4    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 4    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 4    | 22     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 4    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 4    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 4    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 5    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 5    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 5    | 22     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 5    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 5    | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 5    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 6    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 6    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 6    | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 6    | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 6    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 6    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 7    | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 7    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 7    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 7    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 7    | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 7    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.88       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 3   | 8    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 8    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 8    | 22     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 8    | 32     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 8    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 8    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 9    | 2      | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 9    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 9    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.74       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 9    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 9    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 9    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 10   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 10   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 10   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.47       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 10   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.57       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 10   | 42     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.61       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 10   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.61       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 11   | 2      | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 11   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.9        | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 11   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 12.6    |
| 2009 | 6     | 3   | 11   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.2        | 0        | 0              | 12.8    |
| 2009 | 6     | 3   | 11   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 12.6    |
| 2009 | 6     | 3   | 11   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 12   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 12   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 12.8    |
| 2009 | 6     | 3   | 12   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 12.6    |
| 2009 | 6     | 3   | 12   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 12.8    |
| 2009 | 6     | 3   | 12   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 13      |
| 2009 | 6     | 3   | 12   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 12.8    |
| 2009 | 6     | 3   | 13   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12.6    |
| 2009 | 6     | 3   | 13   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12.6    |
| 2009 | 6     | 3   | 13   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 13   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 13   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 13   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 14   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 14   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 14   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 14   | 32     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 14   | 42     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 14   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 15   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 15   | 12     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 15   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 15   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 15   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 15   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 3   | 16   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 16   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 16   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 16   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 16   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 16   | 52     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 17   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 17   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 17   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 17   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 17   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 17   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 18   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 18   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 18   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 18   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 18   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 18   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 19   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 19   | 12     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 19   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 19   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 19   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 19   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 20   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 20   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.62       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 20   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 20   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 20   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 20   | 52     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 21   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 21   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.46       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 21   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 21   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 21   | 42     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 21   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 22   | 2      | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 22   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.21       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 22   | 22     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 22   | 32     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 22   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 22   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 23   | 2      | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 23   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.9        | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 23   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 23   | 32     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 23   | 42     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 23   | 52     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.67       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 4   | 0    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 0    | 12     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.54       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 0    | 22     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.5        | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 0    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 0    | 42     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 0    | 52     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 1    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 1    | 12     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.18       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 1    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 1    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 1    | 42     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59          | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 1    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 32     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 2      | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 12     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.41       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 3    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 32     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 42     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 52     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 2      | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 12     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.03       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 4    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 57.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 57.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 42     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 57.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 52     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 57.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 57.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 12     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 57.67       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 5    | 22     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 57.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 32     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 57.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 57.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 52     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 57.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 2      | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 57.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 57.34       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 6    | 22     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 57.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 57.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 57.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 52     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 57.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 7    | 2      | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 57.27       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 7    | 12     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 57.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 7    | 22     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 57.34       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 7    | 32     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 57.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 7    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 57.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 7    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 57.56       | 0        | 0              | 12.6    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 4   | 8    | 2      | 31     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 57.67       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 8    | 12     | 31     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 57.76       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 8    | 22     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 57.65       | 0        | 0              | 13      |
| 2009 | 6     | 4   | 8    | 32     | 31     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 57.69       | 0        | 0              | 13      |
| 2009 | 6     | 4   | 8    | 42     | 31     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 57.79       | 0        | 0              | 13.2    |
| 2009 | 6     | 4   | 8    | 52     | 31     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 57.96       | 0        | 0              | 13.2    |
| 2009 | 6     | 4   | 9    | 2      | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 58.44       | 0        | 0              | 13.2    |
| 2009 | 6     | 4   | 9    | 12     | 31     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 58.68       | 0        | 0              | 13.2    |
| 2009 | 6     | 4   | 9    | 22     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 58.89       | 0        | 0              | 13.2    |
| 2009 | 6     | 4   | 9    | 32     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.09       | 0        | 0              | 13.2    |
| 2009 | 6     | 4   | 9    | 42     | 31     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.34       | 0        | 0              | 13.2    |
| 2009 | 6     | 4   | 9    | 52     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.58       | 0        | 0              | 13.4    |
| 2009 | 6     | 4   | 10   | 2      | 31     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.85       | 0        | 0              | 13.4    |
| 2009 | 6     | 4   | 10   | 12     | 31     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.08       | 0        | 0              | 13.2    |
| 2009 | 6     | 4   | 10   | 22     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.39       | 0        | 0              | 13.4    |
| 2009 | 6     | 4   | 10   | 32     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.67       | 0        | 0              | 13.4    |
| 2009 | 6     | 4   | 10   | 42     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.96       | 0        | 0              | 13.4    |
| 2009 | 6     | 4   | 10   | 52     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.27       | 0        | 0              | 13.4    |
| 2009 | 6     | 4   | 11   | 2      | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.57       | 0        | 0              | 13.4    |
| 2009 | 6     | 4   | 11   | 12     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.84       | 0        | 0              | 13.4    |
| 2009 | 6     | 4   | 11   | 22     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 13.4    |
| 2009 | 6     | 4   | 11   | 32     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 13.6    |
| 2009 | 6     | 4   | 11   | 42     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 13.6    |
| 2009 | 6     | 4   | 11   | 52     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 13.6    |
| 2009 | 6     | 4   | 12   | 2      | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 13.6    |
| 2009 | 6     | 4   | 12   | 12     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 13.4    |
| 2009 | 6     | 4   | 12   | 22     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 13.6    |
| 2009 | 6     | 4   | 12   | 32     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 13.6    |
| 2009 | 6     | 4   | 12   | 42     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 13.6    |
| 2009 | 6     | 4   | 12   | 52     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 13.6    |
| 2009 | 6     | 4   | 13   | 2      | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 13.6    |
| 2009 | 6     | 4   | 13   | 12     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 13.4    |
| 2009 | 6     | 4   | 13   | 22     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 13.6    |
| 2009 | 6     | 4   | 13   | 32     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 13.4    |
| 2009 | 6     | 4   | 13   | 42     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 13.4    |
| 2009 | 6     | 4   | 13   | 52     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 13.4    |
| 2009 | 6     | 4   | 14   | 2      | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 13.4    |
| 2009 | 6     | 4   | 14   | 12     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 13.4    |
| 2009 | 6     | 4   | 14   | 22     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 13.4    |
| 2009 | 6     | 4   | 14   | 32     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 13.4    |
| 2009 | 6     | 4   | 14   | 42     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 13.4    |
| 2009 | 6     | 4   | 14   | 52     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 13.4    |
| 2009 | 6     | 4   | 15   | 2      | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 13.2    |
| 2009 | 6     | 4   | 15   | 12     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 15   | 22     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 13      |
| 2009 | 6     | 4   | 15   | 32     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 13      |
| 2009 | 6     | 4   | 15   | 42     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 15   | 52     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 4   | 16   | 2      | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 16   | 12     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 16   | 22     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 16   | 32     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 16   | 42     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 16   | 52     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 17   | 2      | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 17   | 12     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 17   | 22     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 17   | 32     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 17   | 42     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 17   | 52     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 18   | 2      | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 18   | 12     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 18   | 22     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 18   | 32     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 18   | 42     | 31     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 18   | 52     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 12      |
| 2009 | 6     | 4   | 19   | 2      | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 19   | 12     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 19   | 22     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 12      |
| 2009 | 6     | 4   | 19   | 32     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 19   | 42     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 19   | 52     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 20   | 2      | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.51       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 20   | 12     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 20   | 22     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 20   | 32     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.19       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 20   | 42     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 20   | 52     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 21   | 2      | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 21   | 12     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 21   | 22     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 21   | 32     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 21   | 42     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 21   | 52     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 22   | 2      | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 22   | 12     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 22   | 22     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 22   | 32     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 22   | 42     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 22   | 52     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 23   | 2      | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 23   | 12     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 23   | 22     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 23   | 32     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 23   | 42     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 23   | 52     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.12       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 5   | 0    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 0    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61          | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 0    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 0    | 32     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 0    | 42     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 0    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 1    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 1    | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 1    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 1    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 1    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 1    | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 2    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 2    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 2    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 2    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 2    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 2    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 3    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 3    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 3    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 3    | 32     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 3    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 3    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 4    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 4    | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 4    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 4    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 4    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 4    | 52     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 5    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 5    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 5    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 5    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 5    | 42     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 5    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 6    | 2      | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 6    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 6    | 22     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 6    | 32     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59          | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 6    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59          | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 6    | 52     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 7    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.18       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 7    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 7    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 7    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.22       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 7    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.22       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 7    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.23       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 5   | 8    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.25       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 8    | 12     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 8    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 8    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 8    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 8    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 9    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.22       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 9    | 12     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 9    | 22     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.27       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 9    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 9    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.65       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 9    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.04       | 0        | 0              | 13.2    |
| 2009 | 6     | 5   | 10   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.39       | 0        | 0              | 13.4    |
| 2009 | 6     | 5   | 10   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.62       | 0        | 0              | 13.2    |
| 2009 | 6     | 5   | 10   | 22     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.62       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 10   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 13.2    |
| 2009 | 6     | 5   | 10   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.05       | 0        | 0              | 13      |
| 2009 | 6     | 5   | 10   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.47       | 0        | 0              | 13.4    |
| 2009 | 6     | 5   | 11   | 2      | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.75       | 0        | 0              | 13.4    |
| 2009 | 6     | 5   | 11   | 12     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 13.4    |
| 2009 | 6     | 5   | 11   | 22     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 13.2    |
| 2009 | 6     | 5   | 11   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 13.4    |
| 2009 | 6     | 5   | 11   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 13.4    |
| 2009 | 6     | 5   | 11   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 13.4    |
| 2009 | 6     | 5   | 12   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 13.4    |
| 2009 | 6     | 5   | 12   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 13.4    |
| 2009 | 6     | 5   | 12   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 13.6    |
| 2009 | 6     | 5   | 12   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 13.4    |
| 2009 | 6     | 5   | 12   | 42     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 13.4    |
| 2009 | 6     | 5   | 12   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 13.4    |
| 2009 | 6     | 5   | 13   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 13.4    |
| 2009 | 6     | 5   | 13   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 13.4    |
| 2009 | 6     | 5   | 13   | 22     | 31     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 13.4    |
| 2009 | 6     | 5   | 13   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 13.4    |
| 2009 | 6     | 5   | 13   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 13.4    |
| 2009 | 6     | 5   | 13   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 13.4    |
| 2009 | 6     | 5   | 14   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 13.4    |
| 2009 | 6     | 5   | 14   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 13.2    |
| 2009 | 6     | 5   | 14   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 13.4    |
| 2009 | 6     | 5   | 14   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 13.4    |
| 2009 | 6     | 5   | 14   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 13.4    |
| 2009 | 6     | 5   | 14   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 13.4    |
| 2009 | 6     | 5   | 15   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 13.4    |
| 2009 | 6     | 5   | 15   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 13      |
| 2009 | 6     | 5   | 15   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 13.2    |
| 2009 | 6     | 5   | 15   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 13      |
| 2009 | 6     | 5   | 15   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 13      |
| 2009 | 6     | 5   | 15   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 5   | 16   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 16   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 16   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 16   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 16   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 16   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 17   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 17   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 17   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 17   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 17   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 17   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 18   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 18   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 18   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 18   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 18   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 18   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 19   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 19   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 19   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 19   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12      |
| 2009 | 6     | 5   | 19   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 19   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 20   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 20   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 20   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 12      |
| 2009 | 6     | 5   | 20   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 20   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 20   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 21   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 21   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 21   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 21   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 21   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 21   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 22   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 22   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 22   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 22   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 22   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 22   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 23   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 23   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 23   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 23   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 23   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 23   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 6   | 0    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 0    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 0    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 0    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 0    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 0    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 1    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 1    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 1    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 1    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 1    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 1    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 2    | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 2    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 2    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 2    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 2    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 2    | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 3    | 2      | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 3    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 3    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 3    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 3    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 3    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 4    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 4    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 4    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 4    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 4    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 4    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 5    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 5    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 5    | 22     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 5    | 32     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 5    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 5    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 6    | 2      | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 6    | 12     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 6    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 6    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 6    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 6    | 52     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 7    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 7    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 7    | 22     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 7    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 7    | 42     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 7    | 52     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.74       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 6   | 8    | 2      | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.77       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 8    | 12     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.77       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 8    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.77       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 8    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.77       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 8    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.81       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 8    | 52     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.81       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 9    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.86       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 9    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.88       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 9    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.88       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 9    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.9        | 0        | 0              | 12      |
| 2009 | 6     | 6   | 9    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.95       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 9    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.99       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 10   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.04       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 10   | 12     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 10   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.21       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 10   | 32     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.31       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 10   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.48       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 10   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.66       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 11   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.75       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 11   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.02       | 0        | 0              | 13      |
| 2009 | 6     | 6   | 11   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.45       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 11   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.88       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 11   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.19       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 11   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 13      |
| 2009 | 6     | 6   | 12   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 13      |
| 2009 | 6     | 6   | 12   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 12   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 13.6    |
| 2009 | 6     | 6   | 12   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 12   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 12   | 52     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 13   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 13   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 13   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 13   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 13   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 13   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 14   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 14   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 14   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 14   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 14   | 42     | 31     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 14   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 15   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 15   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 13      |
| 2009 | 6     | 6   | 15   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 15   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 15   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 13      |
| 2009 | 6     | 6   | 15   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 6   | 16   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 16   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 16   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 16   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 16   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 16   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 17   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 17   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 17   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 17   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 17   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 17   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 18   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 18   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 18   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 18   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 18   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 18   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 19   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 19   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 19   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 19   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 19   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 19   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 20   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 20   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 20   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 20   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 20   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 20   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 21   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 21   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 21   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 21   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 21   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 21   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 22   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 22   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 22   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 22   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 22   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 22   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 23   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 23   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 23   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 23   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 23   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 23   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 11.8    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 7   | 0    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 0    | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 0    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 0    | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 0    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 0    | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 1    | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 1    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 1    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 1    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 1    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 1    | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 2    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 2    | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 2    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 2    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 2    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 2    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 3    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 3    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 3    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 3    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 3    | 42     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 3    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 4    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 4    | 12     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61          | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 4    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 4    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 4    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 4    | 52     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 5    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 5    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 5    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 5    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 5    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 5    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 6    | 2      | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 6    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 6    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 6    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 6    | 42     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 6    | 52     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 7    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 7    | 12     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 7    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 7    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 7    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 7    | 52     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.71       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 7   | 8    | 2      | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.76       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 8    | 12     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.8        | 0        | 0              | 12      |
| 2009 | 6     | 7   | 8    | 22     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 8    | 32     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.98       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 8    | 42     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.09       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 8    | 52     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.2        | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 9    | 2      | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.32       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 9    | 12     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.43       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 9    | 22     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.81       | 0        | 0              | 13.2    |
| 2009 | 6     | 7   | 9    | 32     | 31     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 13.2    |
| 2009 | 6     | 7   | 9    | 42     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 13.2    |
| 2009 | 6     | 7   | 9    | 52     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 13.2    |
| 2009 | 6     | 7   | 10   | 2      | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.64       | 0        | 0              | 13.2    |
| 2009 | 6     | 7   | 10   | 12     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 13.2    |
| 2009 | 6     | 7   | 10   | 22     | 31     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 13.4    |
| 2009 | 6     | 7   | 10   | 32     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 13.4    |
| 2009 | 6     | 7   | 10   | 42     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 13.4    |
| 2009 | 6     | 7   | 10   | 52     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 11   | 2      | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 13      |
| 2009 | 6     | 7   | 11   | 12     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 13.2    |
| 2009 | 6     | 7   | 11   | 22     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 13.4    |
| 2009 | 6     | 7   | 11   | 32     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 13.4    |
| 2009 | 6     | 7   | 11   | 42     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 13.4    |
| 2009 | 6     | 7   | 11   | 52     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 13.4    |
| 2009 | 6     | 7   | 12   | 2      | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 13.4    |
| 2009 | 6     | 7   | 12   | 12     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 13.4    |
| 2009 | 6     | 7   | 12   | 22     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 13.4    |
| 2009 | 6     | 7   | 12   | 32     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 13.4    |
| 2009 | 6     | 7   | 12   | 42     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 13.4    |
| 2009 | 6     | 7   | 12   | 52     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 13.4    |
| 2009 | 6     | 7   | 13   | 2      | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 13.4    |
| 2009 | 6     | 7   | 13   | 12     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 13.2    |
| 2009 | 6     | 7   | 13   | 22     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 13      |
| 2009 | 6     | 7   | 13   | 32     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 13.4    |
| 2009 | 6     | 7   | 13   | 42     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 13.4    |
| 2009 | 6     | 7   | 13   | 52     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 13.4    |
| 2009 | 6     | 7   | 14   | 2      | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 13.4    |
| 2009 | 6     | 7   | 14   | 12     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 13.4    |
| 2009 | 6     | 7   | 14   | 22     | 31     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 13.2    |
| 2009 | 6     | 7   | 14   | 32     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 13.2    |
| 2009 | 6     | 7   | 14   | 42     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 13.2    |
| 2009 | 6     | 7   | 14   | 52     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 15   | 2      | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 13      |
| 2009 | 6     | 7   | 15   | 12     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 13.2    |
| 2009 | 6     | 7   | 15   | 22     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 13.2    |
| 2009 | 6     | 7   | 15   | 32     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 15   | 42     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 13.2    |
| 2009 | 6     | 7   | 15   | 52     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 7   | 16   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 16   | 12     | 31     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 16   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 16   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 16   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 16   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 17   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 17   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 17   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 17   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 17   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 17   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 18   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 18   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 18   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 18   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 18   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12      |
| 2009 | 6     | 7   | 18   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 19   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 19   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 19   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 19   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 19   | 42     | 31     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 19   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 20   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 20   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 20   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 20   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 20   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 20   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 21   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 21   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 21   | 22     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 21   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 21   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 21   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 22   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 22   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 22   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 22   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 22   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 22   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 23   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 23   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 23   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 23   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 23   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 23   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 8   | 0    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 0    | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 0    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 0    | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 0    | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 0    | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 1    | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 1    | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 1    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 1    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 1    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 1    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 2    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 2    | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 2    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 2    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 2    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 2    | 52     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 3    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 3    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 3    | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 3    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 3    | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 3    | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 4    | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 4    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 4    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 4    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 4    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 4    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 5    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 5    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 5    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 5    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 5    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 5    | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 6    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 6    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 6    | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 6    | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 6    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 6    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 7    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.72       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 7    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.77       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 7    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 7    | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.97       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 7    | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 7    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 8   | 8    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 8    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 8    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 8    | 32     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.19       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 8    | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 8    | 52     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 9    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 9    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 13      |
| 2009 | 6     | 8   | 9    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 13.2    |
| 2009 | 6     | 8   | 9    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 13.2    |
| 2009 | 6     | 8   | 9    | 42     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 13.2    |
| 2009 | 6     | 8   | 9    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 13.2    |
| 2009 | 6     | 8   | 10   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 13.2    |
| 2009 | 6     | 8   | 10   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 10   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 10   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 10   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 10   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 11   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 11   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 11   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 11   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 11   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 11   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 12   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 12   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 12   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 12   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 12   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 12   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 13   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 13   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 13   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 13   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 13   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 13   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 14   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 14   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 14   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 14   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 14   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 14   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 15   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 15   | 12     | 31     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 13.2    |
| 2009 | 6     | 8   | 15   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 15   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 13.2    |
| 2009 | 6     | 8   | 15   | 42     | 31     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 13.2    |
| 2009 | 6     | 8   | 15   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 8   | 16   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 16   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 16   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 16   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 16   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 16   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 17   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 17   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 17   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 17   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 17   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 17   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 18   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 18   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 18   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 18   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 18   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 18   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 19   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 19   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 19   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 19   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 19   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 19   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 20   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 20   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 20   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 20   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 20   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 20   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 21   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 21   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 21   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 21   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 21   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 21   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 22   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 22   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 22   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 22   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 22   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 22   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 23   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 23   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 23   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 23   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 23   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 23   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 9   | 0    | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 0    | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 0    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 0    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 0    | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 0    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 1    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 1    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 1    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 1    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 1    | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 1    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 2    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 2    | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 2    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 2    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 2    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 2    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 3    | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 3    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 3    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 3    | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 3    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 3    | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 4    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 4    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 4    | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 4    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 4    | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 4    | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 5    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 5    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 5    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 5    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 5    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 5    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 6    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 6    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 6    | 22     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 6    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 6    | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 6    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 7    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 12      |
| 2009 | 6     | 9   | 7    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 7    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 7    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 7    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 7    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 9   | 8    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 8    | 12     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 8    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 8    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 8    | 42     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 8    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 9    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 9    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 13.2    |
| 2009 | 6     | 9   | 9    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 13.2    |
| 2009 | 6     | 9   | 9    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 13.2    |
| 2009 | 6     | 9   | 9    | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 13.2    |
| 2009 | 6     | 9   | 9    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 10   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 10   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 10   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 10   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 10   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 10   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 11   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 11   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 11   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 11   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 11   | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 11   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 12   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 12   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 13.2    |
| 2009 | 6     | 9   | 12   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 12   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 12   | 42     | 31     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 12   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 13   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 13   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 13   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 13   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 13   | 42     | 31     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 13   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 14   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 14   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 14   | 22     | 31     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 14   | 32     | 31     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 14   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 14   | 52     | 31     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 15   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 15   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 15   | 22     | 31     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 15   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 15   | 42     | 31     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 15   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12.6    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 9   | 16   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 16   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 16   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 16   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 16   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 16   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 17   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 17   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 17   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 17   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 17   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 17   | 52     | 31     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 18   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 18   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 18   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 18   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 18   | 42     | 31     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 18   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 19   | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 19   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 19   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12      |
| 2009 | 6     | 9   | 19   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 19   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 19   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 20   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 9   | 20   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 20   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 20   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 20   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 20   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 21   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 21   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 21   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 21   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 21   | 42     | 31     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 21   | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 22   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 22   | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 22   | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 22   | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 22   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 22   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 23   | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 23   | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 23   | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 23   | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 23   | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 23   | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 10  | 0    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 0    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 0    | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 0    | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 0    | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 0    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 1    | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 1    | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 1    | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 1    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 1    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 1    | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 2    | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 2    | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 2    | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 2    | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 2    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 2    | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 3    | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 3    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 3    | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 3    | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 3    | 42     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 3    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 4    | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 4    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 4    | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 4    | 32     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 4    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 4    | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 5    | 2      | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 5    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 5    | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 5    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 5    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 5    | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 6    | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 6    | 12     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 6    | 22     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 6    | 32     | 31     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 6    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 6    | 52     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 7    | 2      | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 7    | 12     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 7    | 22     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 7    | 32     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 7    | 42     | 31     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 7    | 52     | 31     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 10  | 8    | 2      | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 8    | 12     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 8    | 22     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 8    | 32     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 8    | 42     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 8    | 52     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 13      |
| 2009 | 6     | 10  | 9    | 2      | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 13.2    |
| 2009 | 6     | 10  | 9    | 12     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 13      |
| 2009 | 6     | 10  | 9    | 22     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 13.2    |
| 2009 | 6     | 10  | 9    | 32     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 13.2    |
| 2009 | 6     | 10  | 9    | 42     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 13      |
| 2009 | 6     | 10  | 9    | 52     | 31     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 10   | 2      | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 10   | 12     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 10   | 22     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 10   | 32     | 31     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 10   | 42     | 31     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 10   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 11   | 6      | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 11   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 11   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 13.2    |
| 2009 | 6     | 10  | 11   | 36     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 11   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 11   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 13.2    |
| 2009 | 6     | 10  | 12   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 13.4    |
| 2009 | 6     | 10  | 12   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 12   | 26     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 13.2    |
| 2009 | 6     | 10  | 12   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 13      |
| 2009 | 6     | 10  | 12   | 46     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 13.4    |
| 2009 | 6     | 10  | 12   | 56     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 13.2    |
| 2009 | 6     | 10  | 13   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 13   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 13   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 13   | 36     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 13   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 13   | 56     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 14   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 14   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 14   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 14   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 14   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 14   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 15   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 15   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 15   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 15   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 15   | 46     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 15   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 10  | 16   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 16   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 16   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 16   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 16   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 16   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 17   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 17   | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 17   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 17   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 17   | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 17   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 18   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 18   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 18   | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 18   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 18   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 18   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 19   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12      |
| 2009 | 6     | 10  | 19   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 19   | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 19   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12      |
| 2009 | 6     | 10  | 19   | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 19   | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 20   | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 20   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 20   | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 20   | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 20   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 20   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 21   | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 21   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 21   | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 21   | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 21   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 21   | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 22   | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 22   | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 22   | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 22   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 22   | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 22   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 23   | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 23   | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 23   | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 23   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 23   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 23   | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 11  | 0    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 0    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 0    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 0    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 0    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 0    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 1    | 6      | 26     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 1    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 1    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 1    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 1    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 1    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 2    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 2    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 2    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 2    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 2    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 2    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 3    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 3    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 3    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 3    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 3    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 3    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 4    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 4    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 4    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 4    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 4    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 4    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 5    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 5    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 5    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 5    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 5    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 5    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 6    | 6      | 26     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 6    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 6    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 6    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 6    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 6    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 7    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 7    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 7    | 26     | 26     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 7    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 7    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 7    | 56     | 26     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 11  | 8    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 8    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 8    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 8    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 8    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.49       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 8    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 9    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 9    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 13.2    |
| 2009 | 6     | 11  | 9    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 13.2    |
| 2009 | 6     | 11  | 9    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 13.2    |
| 2009 | 6     | 11  | 9    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 13.2    |
| 2009 | 6     | 11  | 9    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 13.2    |
| 2009 | 6     | 11  | 10   | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 10   | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 10   | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 10   | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 10   | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 10   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 11   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 11   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 11   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 11   | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 11   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 11   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 12   | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 12   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 12   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 12   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 12   | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 12   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 13   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 13   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 13   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 13   | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 13   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 13   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 14   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 14   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 14   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 13.2    |
| 2009 | 6     | 11  | 14   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 14   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 14   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 15   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 15   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 13.2    |
| 2009 | 6     | 11  | 15   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 15   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 15   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 13.2    |
| 2009 | 6     | 11  | 15   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 11  | 16   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 16   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 16   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 16   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 16   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 16   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 17   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 17   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 17   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 17   | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 17   | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 17   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 18   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 18   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 18   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 18   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 18   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 18   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 19   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 19   | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 12      |
| 2009 | 6     | 11  | 19   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 19   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 19   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 19   | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 20   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 20   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 20   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 20   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 20   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 20   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 21   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 21   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 21   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 21   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 21   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 21   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 22   | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 22   | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 22   | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 22   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 22   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 22   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 23   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 23   | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 23   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 23   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 23   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 23   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 12  | 0    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 0    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 0    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 0    | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 0    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 0    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 1    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 1    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 1    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 1    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 1    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 1    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 2    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 2    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 2    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 2    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 2    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 2    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 3    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 3    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 3    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 3    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 3    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 3    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 4    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 4    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 4    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 4    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 4    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 4    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 5    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 5    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 5    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 5    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 5    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 5    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 6    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 6    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 6    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 6    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 6    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 6    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 7    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 7    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 7    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 7    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 7    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 7    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12.6    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 12  | 8    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 8    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 8    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 8    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 8    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 8    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 9    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 9    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 9    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 9    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 9    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 9    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 10   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 10   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 10   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 10   | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 10   | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 10   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 11   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 13.2    |
| 2009 | 6     | 12  | 11   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 11   | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 11   | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 11   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 11   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 12   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 12   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 12   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 12   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 12   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 12   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 13   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 13   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 13   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 13   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 13   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 13   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 14   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 14   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 14   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 14   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 14   | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 14   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 15   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 15   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 13      |
| 2009 | 6     | 12  | 15   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 15   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 13.2    |
| 2009 | 6     | 12  | 15   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 13.2    |
| 2009 | 6     | 12  | 15   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 13.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 12  | 16   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 16   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 16   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 16   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 16   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 16   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 17   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 17   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 17   | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 17   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 17   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 17   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 18   | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 18   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 18   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 18   | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 18   | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 18   | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12      |
| 2009 | 6     | 12  | 19   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 19   | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 19   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 19   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 19   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 19   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 20   | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12      |
| 2009 | 6     | 12  | 20   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 20   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 20   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 20   | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 20   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 21   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 21   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 21   | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12      |
| 2009 | 6     | 12  | 21   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 21   | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 21   | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 22   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 22   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 22   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 22   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 22   | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 22   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 23   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 23   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 23   | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 23   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 23   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 23   | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 13  | 0    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 0    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 0    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 0    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 0    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 0    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 1    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 1    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 1    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 1    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 1    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 1    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 2    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 2    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 2    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 2    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 2    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 2    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 3    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 3    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 3    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 3    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 3    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 3    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 4    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 4    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 4    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 4    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 4    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 4    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 5    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 5    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 5    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 5    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 5    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 5    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 6    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 6    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 6    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 6    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 6    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 6    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 7    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 7    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 7    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 7    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 7    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 7    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 13  | 8    | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 8    | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 8    | 26     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 8    | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 8    | 46     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 8    | 56     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 13      |
| 2009 | 6     | 13  | 9    | 6      | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 13      |
| 2009 | 6     | 13  | 9    | 16     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 13      |
| 2009 | 6     | 13  | 9    | 26     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 9    | 36     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 9    | 46     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 9    | 56     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 10   | 6      | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 10   | 16     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 10   | 26     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 10   | 36     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 10   | 46     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 10   | 56     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 11   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 11   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 11   | 26     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 11   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 11   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 11   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 12   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 12   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 12   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 12   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 12   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 12   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 13   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 13   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 13   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 13.6    |
| 2009 | 6     | 13  | 13   | 36     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 13.6    |
| 2009 | 6     | 13  | 13   | 46     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 13   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 14   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 13      |
| 2009 | 6     | 13  | 14   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 14   | 26     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 14   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 14   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 14   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 15   | 6      | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 15   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 15   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 15   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 15   | 46     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 15   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 13.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 13  | 16   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 13      |
| 2009 | 6     | 13  | 16   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 16   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 16   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 16   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 16   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 17   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 17   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 17   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 17   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 17   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 17   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 18   | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 18   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 18   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 18   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 18   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 18   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 19   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 19   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 19   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12      |
| 2009 | 6     | 13  | 19   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 19   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 19   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 20   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 20   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 20   | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 20   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 20   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 20   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 21   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 21   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 21   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 21   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 21   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 21   | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 22   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 22   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 22   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 22   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 22   | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 22   | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 23   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 23   | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 23   | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 23   | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 23   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 23   | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 14  | 0    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 0    | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 0    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 0    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 0    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 0    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 1    | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 1    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 1    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 1    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 1    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 1    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 2    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 2    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 2    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 2    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 2    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 2    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 3    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 3    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 3    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 3    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 3    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 3    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 4    | 6      | 26     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 4    | 16     | 26     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 4    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 4    | 36     | 26     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 4    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 4    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 5    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 5    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 5    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 5    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 5    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 5    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 6    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 6    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 6    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 6    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 6    | 46     | 26     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 6    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 7    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 7    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 7    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 7    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 7    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 7    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 14  | 8    | 6      | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 8    | 16     | 26     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 8    | 26     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 8    | 36     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 8    | 46     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 8    | 56     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 9    | 6      | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 9    | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 9    | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 9    | 36     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 9    | 46     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 9    | 56     | 26     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 10   | 6      | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 10   | 16     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 10   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 10   | 36     | 26     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 10   | 46     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 10   | 56     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 11   | 6      | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 11   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 11   | 26     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 11   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 11   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 11   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 12   | 6      | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 12   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 12   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 12   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 12   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 12   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 13   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 13   | 16     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 13   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 13   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 13   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 13   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 14   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 14   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 14   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 14   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 14   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 14   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 15   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 15   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 15   | 26     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.38       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 15   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 15   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 15   | 56     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 14  | 16   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 16   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 16   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 16   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 16   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 16   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 17   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 17   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 17   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 17   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 17   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 17   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 18   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 18   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 18   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 18   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 18   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 18   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 19   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 19   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 19   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 19   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 19   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 19   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 20   | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 20   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 20   | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 20   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 20   | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 20   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 21   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 21   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 21   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12      |
| 2009 | 6     | 14  | 21   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 21   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 21   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 22   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 22   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 22   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 22   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 22   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 22   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 23   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 23   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 23   | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 23   | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 23   | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 23   | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 11.8    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 15  | 0    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 0    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 0    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 0    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 0    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 0    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 1    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 1    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 1    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 1    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 1    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 1    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 2    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 2    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 2    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 2    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 2    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 2    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 3    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 3    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 3    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 3    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 3    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 3    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 4    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 4    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 4    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 4    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 4    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 4    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 5    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 5    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 5    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 5    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 5    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 5    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 6    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 6    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 6    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 6    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 6    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 6    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 7    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 7    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 7    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 7    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 7    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 7    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 15  | 8    | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 8    | 16     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 8    | 26     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 8    | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 8    | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 8    | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 9    | 6      | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 13.2    |
| 2009 | 6     | 15  | 9    | 16     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 13      |
| 2009 | 6     | 15  | 9    | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 13.2    |
| 2009 | 6     | 15  | 9    | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 13.2    |
| 2009 | 6     | 15  | 9    | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 13.2    |
| 2009 | 6     | 15  | 9    | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 13.2    |
| 2009 | 6     | 15  | 10   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 13.2    |
| 2009 | 6     | 15  | 10   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 13.2    |
| 2009 | 6     | 15  | 10   | 26     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 13.4    |
| 2009 | 6     | 15  | 10   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 13.4    |
| 2009 | 6     | 15  | 10   | 46     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 13.4    |
| 2009 | 6     | 15  | 10   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 13.4    |
| 2009 | 6     | 15  | 11   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 13.4    |
| 2009 | 6     | 15  | 11   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 13.4    |
| 2009 | 6     | 15  | 11   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 13.4    |
| 2009 | 6     | 15  | 11   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 13.4    |
| 2009 | 6     | 15  | 11   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 13.4    |
| 2009 | 6     | 15  | 11   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 13.4    |
| 2009 | 6     | 15  | 12   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 13.4    |
| 2009 | 6     | 15  | 12   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 13.4    |
| 2009 | 6     | 15  | 12   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 13.4    |
| 2009 | 6     | 15  | 12   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 13.4    |
| 2009 | 6     | 15  | 12   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 13.4    |
| 2009 | 6     | 15  | 12   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 13.4    |
| 2009 | 6     | 15  | 13   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 13.2    |
| 2009 | 6     | 15  | 13   | 16     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 13.4    |
| 2009 | 6     | 15  | 13   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 13.2    |
| 2009 | 6     | 15  | 13   | 36     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 13.4    |
| 2009 | 6     | 15  | 13   | 46     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 13   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 14   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 14   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 14   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 14   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 14   | 46     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 14   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 15   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 15   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 15   | 26     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 15   | 36     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 15   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 15   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 15  | 16   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 16   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 16   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 16   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 16   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 16   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 17   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 17   | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 17   | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 17   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 17   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 17   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 18   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 18   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 18   | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 18   | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 18   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 18   | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 19   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 19   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 19   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 19   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 19   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 19   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 20   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 20   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 20   | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 20   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 20   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 20   | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 21   | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 21   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 21   | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 21   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 21   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 21   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 22   | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 22   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 22   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 22   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 22   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 22   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 23   | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 23   | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 23   | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 23   | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 23   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 23   | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 16  | 0    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 0    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 0    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 0    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 0    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 0    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 1    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 1    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 1    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 1    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 1    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 1    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 2    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 2    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 2    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 2    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 2    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 2    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 3    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 3    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 3    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 3    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 3    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 3    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 4    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 4    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 4    | 26     | 26     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 4    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 4    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 4    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 5    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 5    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 5    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 5    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 5    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 5    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 6    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 6    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 6    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 6    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 6    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 6    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 7    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 7    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 7    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 7    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 7    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 7    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 16  | 8    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 8    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.49       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 8    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 8    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 8    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 8    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 12      |
| 2009 | 6     | 16  | 9    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 9    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 9    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 9    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 9    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 9    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 10   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 10   | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 13.4    |
| 2009 | 6     | 16  | 10   | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 10   | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 10   | 46     | 26     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 10   | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 13      |
| 2009 | 6     | 16  | 11   | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 13.4    |
| 2009 | 6     | 16  | 11   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 13.4    |
| 2009 | 6     | 16  | 11   | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 13      |
| 2009 | 6     | 16  | 11   | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 13      |
| 2009 | 6     | 16  | 11   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 13      |
| 2009 | 6     | 16  | 11   | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 13.4    |
| 2009 | 6     | 16  | 12   | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 13.4    |
| 2009 | 6     | 16  | 12   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 13.4    |
| 2009 | 6     | 16  | 12   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 13.4    |
| 2009 | 6     | 16  | 12   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 13.4    |
| 2009 | 6     | 16  | 12   | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 13.4    |
| 2009 | 6     | 16  | 12   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 13.4    |
| 2009 | 6     | 16  | 13   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 13   | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 13.4    |
| 2009 | 6     | 16  | 13   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 13.4    |
| 2009 | 6     | 16  | 13   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 13      |
| 2009 | 6     | 16  | 13   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 13   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 13.4    |
| 2009 | 6     | 16  | 14   | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 13.2    |
| 2009 | 6     | 16  | 14   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 13.4    |
| 2009 | 6     | 16  | 14   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 13.4    |
| 2009 | 6     | 16  | 14   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 13.4    |
| 2009 | 6     | 16  | 14   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 13.4    |
| 2009 | 6     | 16  | 14   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 13.4    |
| 2009 | 6     | 16  | 15   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 13.4    |
| 2009 | 6     | 16  | 15   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 13.2    |
| 2009 | 6     | 16  | 15   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 13.2    |
| 2009 | 6     | 16  | 15   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 13.2    |
| 2009 | 6     | 16  | 15   | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 13.2    |
| 2009 | 6     | 16  | 15   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 16  | 16   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 16   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 16   | 26     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 16   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 16   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 16   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 17   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 17   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 17   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 17   | 36     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 17   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 17   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 18   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 18   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 18   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 18   | 36     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 18   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 18   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 19   | 6      | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 19   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 19   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 19   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 19   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 19   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 20   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 20   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 20   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 20   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 20   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 20   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 21   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 21   | 16     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 21   | 26     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 21   | 36     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 21   | 46     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 21   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 22   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 22   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 22   | 26     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 22   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 22   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 22   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 23   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 23   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 23   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 23   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 23   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 23   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 17  | 0    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 0    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 0    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 0    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 0    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 0    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 1    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 1    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 1    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 1    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 1    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 1    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 2    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 2    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 2    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 2    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 2    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 2    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 3    | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 3    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 3    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 3    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 3    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 3    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 4    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 4    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 4    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 4    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 4    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 4    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 5    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 5    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 5    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 5    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 5    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 5    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 6    | 6      | 26     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 6    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 6    | 26     | 26     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 6    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 6    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 6    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 7    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 7    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 12      |
| 2009 | 6     | 17  | 7    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 7    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 7    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 7    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 17  | 8    | 6      | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 8    | 16     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 13      |
| 2009 | 6     | 17  | 8    | 26     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 13      |
| 2009 | 6     | 17  | 8    | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 13.2    |
| 2009 | 6     | 17  | 8    | 46     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 8    | 56     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 13.2    |
| 2009 | 6     | 17  | 9    | 6      | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 13      |
| 2009 | 6     | 17  | 9    | 16     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 13.2    |
| 2009 | 6     | 17  | 9    | 26     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 13.4    |
| 2009 | 6     | 17  | 9    | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 13.4    |
| 2009 | 6     | 17  | 9    | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 9    | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 13      |
| 2009 | 6     | 17  | 10   | 6      | 26     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 13.2    |
| 2009 | 6     | 17  | 10   | 16     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 13.4    |
| 2009 | 6     | 17  | 10   | 26     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 13.4    |
| 2009 | 6     | 17  | 10   | 36     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 13.4    |
| 2009 | 6     | 17  | 10   | 46     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 13.4    |
| 2009 | 6     | 17  | 10   | 56     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 13.4    |
| 2009 | 6     | 17  | 11   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 13.4    |
| 2009 | 6     | 17  | 11   | 16     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 13.4    |
| 2009 | 6     | 17  | 11   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 13.4    |
| 2009 | 6     | 17  | 11   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 13.4    |
| 2009 | 6     | 17  | 11   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 13.4    |
| 2009 | 6     | 17  | 11   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 13.4    |
| 2009 | 6     | 17  | 12   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 13.4    |
| 2009 | 6     | 17  | 12   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 13.4    |
| 2009 | 6     | 17  | 12   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 13.4    |
| 2009 | 6     | 17  | 12   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 13.4    |
| 2009 | 6     | 17  | 12   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 13.4    |
| 2009 | 6     | 17  | 12   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 13.4    |
| 2009 | 6     | 17  | 13   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 13.4    |
| 2009 | 6     | 17  | 13   | 16     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 13.2    |
| 2009 | 6     | 17  | 13   | 26     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.94       | 0        | 0              | 13.2    |
| 2009 | 6     | 17  | 13   | 36     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.01       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 13   | 46     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.07       | 0        | 0              | 13.2    |
| 2009 | 6     | 17  | 13   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.18       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 14   | 6      | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.18       | 0        | 0              | 13      |
| 2009 | 6     | 17  | 14   | 16     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.14       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 14   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.1        | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 14   | 36     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.18       | 0        | 0              | 13.4    |
| 2009 | 6     | 17  | 14   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.19       | 0        | 0              | 13.2    |
| 2009 | 6     | 17  | 14   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.1        | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 15   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 15   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.96       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 15   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.91       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 15   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.85       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 15   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.82       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 15   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.87       | 0        | 0              | 13.4    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 17  | 16   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.89       | 0        | 0              | 13      |
| 2009 | 6     | 17  | 16   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.89       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 16   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.89       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 16   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.85       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 16   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.8        | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 16   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.76       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 17   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 17   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 17   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 17   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 17   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 17   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 18   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 18   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 18   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 18   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 18   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 18   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 12      |
| 2009 | 6     | 17  | 19   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 19   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 19   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 19   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 19   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 19   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12      |
| 2009 | 6     | 17  | 20   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12      |
| 2009 | 6     | 17  | 20   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 20   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 20   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 20   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 20   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 21   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 21   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 21   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 21   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 21   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 21   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 22   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 22   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 22   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 22   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 22   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 22   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 23   | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 23   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 23   | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 23   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 23   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 23   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 18  | 0    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 0    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 0    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 0    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 0    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 0    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 1    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 1    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 1    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 1    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 1    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 1    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 2    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 2    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 2    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 2    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 2    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 2    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 3    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 3    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 3    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 3    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 3    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 3    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 4    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 4    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 4    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 4    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 4    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 4    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 5    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 5    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 5    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 5    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 5    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 5    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 6    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 6    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 6    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 6    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 6    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 6    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 7    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 7    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 7    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 7    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 7    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 7    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 18  | 8    | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 8    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 8    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 8    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 8    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 8    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 9    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 9    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 9    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 9    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 9    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 9    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 10   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 13.4    |
| 2009 | 6     | 18  | 10   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 13.4    |
| 2009 | 6     | 18  | 10   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 13.4    |
| 2009 | 6     | 18  | 10   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 13.4    |
| 2009 | 6     | 18  | 10   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 13.4    |
| 2009 | 6     | 18  | 10   | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 13.4    |
| 2009 | 6     | 18  | 11   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 13.4    |
| 2009 | 6     | 18  | 11   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 13.4    |
| 2009 | 6     | 18  | 11   | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 13.4    |
| 2009 | 6     | 18  | 11   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 13.4    |
| 2009 | 6     | 18  | 11   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 13.4    |
| 2009 | 6     | 18  | 11   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 13.4    |
| 2009 | 6     | 18  | 12   | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 13.4    |
| 2009 | 6     | 18  | 12   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 13.4    |
| 2009 | 6     | 18  | 12   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 13.4    |
| 2009 | 6     | 18  | 12   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 13.4    |
| 2009 | 6     | 18  | 12   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 13.4    |
| 2009 | 6     | 18  | 12   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.09       | 0        | 0              | 13.4    |
| 2009 | 6     | 18  | 13   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.3        | 0        | 0              | 13.4    |
| 2009 | 6     | 18  | 13   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.48       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 13   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.66       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 13   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.84       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 13   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.02       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 13   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.17       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 14   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.31       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 14   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.47       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 14   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.62       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 14   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.78       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 14   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.94       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 14   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.05       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 15   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.16       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 15   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.23       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 15   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.34       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 15   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.43       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 15   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.57       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 15   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.68       | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 18  | 16   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.82       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 16   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.82       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 16   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.86       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 16   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.89       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 16   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.89       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 16   | 56     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 17   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 17   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 17   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 17   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 17   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 17   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 18   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 18   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 18   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 18   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 18   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 18   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.01       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 19   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.92       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 19   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.8        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 19   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.69       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 19   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.58       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 19   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.49       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 19   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.35       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 20   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.24       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 20   | 16     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.11       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 20   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.99       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 20   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.86       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 20   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.73       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 20   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.59       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 21   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.46       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 21   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 21   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.19       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 21   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 21   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 21   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 22   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 22   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 22   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 22   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 22   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 22   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 23   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 23   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 23   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 23   | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 23   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 23   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 19  | 0    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 0    | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 0    | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 0    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 0    | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 0    | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 1    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 1    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 1    | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 1    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 1    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 1    | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 2    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 2    | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 2    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 2    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 2    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 2    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 3    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 3    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 3    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 3    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 3    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 3    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 4    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 4    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 4    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 4    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 4    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 4    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 5    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 5    | 16     | 26     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 5    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 5    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 5    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 5    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 6    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 6    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 6    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 6    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 6    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 6    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 7    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 7    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 7    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 7    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 7    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 7    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 19  | 8    | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 8    | 16     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 8    | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 8    | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 8    | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 8    | 56     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 9    | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 9    | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 9    | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 9    | 36     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 9    | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 9    | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 10   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 10   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 10   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 10   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 10   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 10   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 13.4    |
| 2009 | 6     | 19  | 11   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 13.4    |
| 2009 | 6     | 19  | 11   | 16     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 13.4    |
| 2009 | 6     | 19  | 11   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 13.4    |
| 2009 | 6     | 19  | 11   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.07       | 0        | 0              | 13.4    |
| 2009 | 6     | 19  | 11   | 46     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.37       | 0        | 0              | 13.4    |
| 2009 | 6     | 19  | 11   | 56     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.68       | 0        | 0              | 13.4    |
| 2009 | 6     | 19  | 12   | 6      | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73          | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 12   | 16     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.29       | 0        | 0              | 13.4    |
| 2009 | 6     | 19  | 12   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.26       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 12   | 36     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.31       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 12   | 46     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.72       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 12   | 56     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.9        | 0        | 0              | 13      |
| 2009 | 6     | 19  | 13   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.83       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 13   | 16     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.83       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 13   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.3        | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 13   | 36     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.44       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 13   | 46     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.64       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 13   | 56     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.52       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 14   | 6      | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.68       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 14   | 16     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.59       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 14   | 26     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.66       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 14   | 36     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.52       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 14   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.62       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 14   | 56     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.5        | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 15   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.43       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 15   | 16     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.39       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 15   | 26     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.62       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 15   | 36     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.84       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 15   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.82       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 15   | 56     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.89       | 0        | 0              | 13.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 19  | 16   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.02       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 16   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.07       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 16   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.93       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 16   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.89       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 16   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.93       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 16   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.89       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 17   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 17   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 17   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 17   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 17   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 17   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 18   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 18   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 18   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.26       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 18   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.12       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 18   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.94       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 18   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.81       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 19   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.63       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 19   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.47       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 19   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.35       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 19   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.2        | 0        | 0              | 12      |
| 2009 | 6     | 19  | 19   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.04       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 19   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.9        | 0        | 0              | 12      |
| 2009 | 6     | 19  | 20   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.73       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 20   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.57       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 20   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.43       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 20   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.28       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 20   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 20   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 21   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.85       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 21   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.71       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 21   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 21   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 12      |
| 2009 | 6     | 19  | 21   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 21   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 22   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 22   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 22   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 22   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 22   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 22   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 23   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 23   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 23   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 23   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 23   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 23   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 20  | 0    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 0    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 0    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 0    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 0    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 0    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 1    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 1    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 1    | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 1    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 1    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 1    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 2    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 2    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 2    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 2    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 2    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 2    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 3    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 3    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 3    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 3    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 3    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 3    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 4    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 4    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 4    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 4    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 4    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 4    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 5    | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 5    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 5    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 5    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 5    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 5    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 6    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 6    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 6    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 6    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 6    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 6    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 7    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 7    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 7    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 7    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 7    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 7    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12.8    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 20  | 8    | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 8    | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 8    | 26     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 8    | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 13      |
| 2009 | 6     | 20  | 8    | 46     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 8    | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 13      |
| 2009 | 6     | 20  | 9    | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 9    | 16     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 9    | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 9    | 36     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 9    | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 9    | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 10   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 10   | 16     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 10   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 10   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 10   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 10   | 56     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 11   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 11   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 11   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 11   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.69       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 11   | 46     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 11   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.39       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 12   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.75       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 12   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.08       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 12   | 26     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.42       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 12   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.74       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 12   | 46     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.12       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 12   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.43       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 13   | 6      | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.75       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 13   | 16     | 26     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 75.06       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 13   | 26     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 75.36       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 13   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 75.61       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 13   | 46     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 75.83       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 13   | 56     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 76.01       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 14   | 6      | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 76.24       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 14   | 16     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 76.41       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 14   | 26     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 76.6        | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 14   | 36     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 76.78       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 14   | 46     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 76.91       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 14   | 56     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 76.96       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 15   | 6      | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 76.93       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 15   | 16     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 76.84       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 15   | 26     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 76.75       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 15   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 76.73       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 15   | 46     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 76.8        | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 15   | 56     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 76.77       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 20  | 16   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.48       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 16   | 16     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 16   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 16   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 16   | 46     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 16   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 17   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 17   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 17   | 26     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 17   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 17   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 17   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.3        | 0        | 0              | 12      |
| 2009 | 6     | 20  | 18   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.16       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 18   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 18   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.92       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 18   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 18   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.76       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 18   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.67       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 19   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.6        | 0        | 0              | 12      |
| 2009 | 6     | 20  | 19   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.49       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 19   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.42       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 19   | 36     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.33       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 19   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.2        | 0        | 0              | 12      |
| 2009 | 6     | 20  | 19   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.09       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 20   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.97       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 20   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.86       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 20   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.72       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 20   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.57       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 20   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.37       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 20   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.21       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 21   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 21   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.83       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 21   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.62       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 21   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 21   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 21   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 22   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 22   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 22   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 22   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 22   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 22   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 23   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 23   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 23   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 23   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 23   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 23   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 21  | 0    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 0    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 0    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 0    | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 0    | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 0    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 1    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 1    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 1    | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 1    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 1    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 1    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 2    | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 2    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 2    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 2    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 2    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 2    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 3    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 3    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 3    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 3    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 3    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 3    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 4    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 4    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 4    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 4    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 4    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 4    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 5    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 5    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 5    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 5    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 5    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 5    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 6    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 6    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 6    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 6    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 6    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 12      |
| 2009 | 6     | 21  | 6    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 7    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 7    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 7    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 7    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 7    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 7    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 21  | 8    | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 8    | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 8    | 26     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 8    | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 8    | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 8    | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 9    | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 9    | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 9    | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 9    | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 9    | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 9    | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 10   | 6      | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 10   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 10   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 10   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 10   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 10   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 11   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 11   | 16     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 11   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 11   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 11   | 46     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 11   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 12   | 6      | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 12   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 12   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 12   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.76       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 12   | 46     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.07       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 12   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.36       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 13   | 6      | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.63       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 13   | 16     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.9        | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 13   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.15       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 13   | 36     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.36       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 13   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.6        | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 13   | 56     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.81       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 14   | 6      | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.01       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 14   | 16     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.19       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 14   | 26     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.34       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 14   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.48       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 14   | 46     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.62       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 14   | 56     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.73       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 15   | 6      | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.82       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 15   | 16     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.93       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 15   | 26     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 75          | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 15   | 36     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 75.07       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 15   | 46     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 75.11       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 15   | 56     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 75.15       | 0        | 0              | 13.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 21  | 16   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.16       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 16   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.15       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 16   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.13       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 16   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.07       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 16   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.04       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 16   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 17   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 17   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 17   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 17   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 17   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 17   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 18   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 18   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.03       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 18   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.9        | 0        | 0              | 12      |
| 2009 | 6     | 21  | 18   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.74       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 18   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.56       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 18   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.4        | 0        | 0              | 12      |
| 2009 | 6     | 21  | 19   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.22       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 19   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.02       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 19   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.82       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 19   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.63       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 19   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.43       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 19   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.25       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 20   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 20   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.85       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 20   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.67       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 20   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 20   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 20   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 12      |
| 2009 | 6     | 21  | 21   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 21   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 21   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 21   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 21   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 21   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 22   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 22   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 22   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 22   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 22   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 22   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 23   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 23   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 23   | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 23   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 23   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 23   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 22  | 0    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 0    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 0    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 0    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 0    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 0    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 1    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 1    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 1    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 1    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 1    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 1    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 2    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 2    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 2    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 2    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 2    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 2    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 3    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 3    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 3    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 3    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 3    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 3    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 4    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 4    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 4    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 4    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 4    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 4    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 5    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 5    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 5    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 5    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 5    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 5    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 6    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 6    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 6    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 6    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 6    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.75       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 6    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 7    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 7    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 7    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.72       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 7    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.75       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 7    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.81       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 7    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.84       | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 22  | 8    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.88       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 8    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.61       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 8    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.65       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 8    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.77       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 8    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.93       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 8    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 9    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 9    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 9    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 9    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 9    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 9    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 10   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 10   | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 10   | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 10   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 10   | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 10   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 11   | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 11   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 11   | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 11   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 11   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 11   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 12   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 12   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 12   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 12   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 12   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 12   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 13   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.09       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 13   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.43       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 13   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.75       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 13   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.02       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 13   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.31       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 13   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.58       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 14   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.81       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 14   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.03       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 14   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.21       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 14   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.39       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 14   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.53       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 14   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.68       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 15   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.8        | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 15   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.89       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 15   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.95       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 15   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75          | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 15   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.02       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 15   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75          | 0        | 0              | 13.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 22  | 16   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.98       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 16   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.95       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 16   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.89       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 16   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.8        | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 16   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.75       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 16   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 17   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 17   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 17   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 17   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 17   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 17   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 18   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 18   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 18   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.18       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 18   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73          | 0        | 0              | 12      |
| 2009 | 6     | 22  | 18   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.81       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 18   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.61       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 19   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.41       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 19   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.21       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 19   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 12      |
| 2009 | 6     | 22  | 19   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 19   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 19   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 20   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 20   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 20   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 20   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 20   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 20   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 21   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 21   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 21   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 21   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 21   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 21   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 22   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 22   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 22   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 22   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 22   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 22   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 23   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 23   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 23   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 23   | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 23   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 23   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 11.8    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 23  | 0    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 0    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 0    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 0    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 0    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 0    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 1    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 1    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 1    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 1    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 1    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 1    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 2    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 2    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 2    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 2    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 2    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 2    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 3    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 3    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 3    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 3    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 3    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 3    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 4    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 4    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 4    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 4    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 4    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 4    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 5    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 5    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 5    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 5    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 5    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 5    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 6    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 6    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 6    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 6    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 6    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 6    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 7    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 7    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 7    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 7    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 7    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 7    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 23  | 8    | 6      | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 8    | 16     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 8    | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 13      |
| 2009 | 6     | 23  | 8    | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 13      |
| 2009 | 6     | 23  | 8    | 46     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 13      |
| 2009 | 6     | 23  | 8    | 56     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 13      |
| 2009 | 6     | 23  | 9    | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 13      |
| 2009 | 6     | 23  | 9    | 16     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 9    | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 9    | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 9    | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 9    | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 10   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 10   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 10   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 10   | 36     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 10   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 10   | 56     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 11   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 11   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 11   | 26     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 11   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 11   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 11   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 12   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 12   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.83       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 12   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.19       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 12   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.48       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 12   | 46     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.79       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 12   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.04       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 13   | 6      | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.29       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 13   | 16     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.53       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 13   | 26     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.63       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 13   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.67       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 13   | 46     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.81       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 13   | 56     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.03       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 14   | 6      | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.3        | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 14   | 16     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.52       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 14   | 26     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.73       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 14   | 36     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.89       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 14   | 46     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 75.06       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 14   | 56     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 75.18       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 15   | 6      | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 75.29       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 15   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 75.36       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 15   | 26     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 75.42       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 15   | 36     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 75.47       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 15   | 46     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 75.47       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 15   | 56     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 75.47       | 0        | 0              | 13.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 23  | 16   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.42       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 16   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 16   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 16   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.2        | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 16   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.06       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 16   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 17   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 17   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 17   | 26     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 17   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 17   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 17   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.06       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 18   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.81       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 18   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.55       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 18   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.3        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 19   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.07       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 19   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.83       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 19   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.6        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 19   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 19   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 19   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 20   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 20   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 20   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 20   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 20   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 20   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 21   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 21   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 21   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 21   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 21   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 21   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 22   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 22   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 22   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 22   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 22   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 22   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 23   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 23   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 23   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 23   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 23   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 23   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 24  | 0    | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 0    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 0    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 0    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 0    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 0    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 1    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 1    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 1    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 1    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 1    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 1    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 2    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 2    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 2    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 2    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 2    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 2    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 3    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 3    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 3    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 3    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 3    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 3    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 4    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 4    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 4    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 4    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 4    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 4    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 5    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 5    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 5    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 5    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 5    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 5    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 6    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 6    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 6    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 6    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 6    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 6    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 7    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 7    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 7    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 7    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 7    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 7    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 24  | 8    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 8    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 13      |
| 2009 | 6     | 24  | 8    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 13      |
| 2009 | 6     | 24  | 8    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 13      |
| 2009 | 6     | 24  | 8    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 13      |
| 2009 | 6     | 24  | 8    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 9    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 9    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 9    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 9    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 9    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 9    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 10   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 10   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 10   | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 10   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 10   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 10   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 11   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 11   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 11   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 11   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.62       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 11   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.91       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 11   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.19       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 12   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.5        | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 12   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.77       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 12   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.06       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 12   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.35       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 12   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.65       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 12   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.9        | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 13   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.16       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 13   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.39       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 13   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.59       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 13   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.75       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 13   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.84       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 13   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.91       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 14   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.75       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 14   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.59       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 14   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.43       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 14   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.32       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 14   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.26       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 14   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.25       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 15   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.28       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 15   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.32       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 15   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.35       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 15   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.5        | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 15   | 46     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.48       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 15   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.43       | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 24  | 16   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.37       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 16   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.3        | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 16   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.19       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 16   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.1        | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 16   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.98       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 16   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 17   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 17   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 17   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 17   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 17   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 17   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 18   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 18   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.01       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 18   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.76       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 18   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 18   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 18   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 19   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 19   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12      |
| 2009 | 6     | 24  | 19   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 19   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 19   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 19   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 20   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 20   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 20   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 20   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12      |
| 2009 | 6     | 24  | 20   | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 20   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 21   | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 21   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 21   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 21   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 21   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 21   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 22   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 22   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 22   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 22   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 22   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 22   | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 23   | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 23   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 23   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 23   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 23   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 23   | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 25  | 0    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 0    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 0    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 0    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 0    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 0    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 1    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 1    | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 1    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 1    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 1    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 1    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 2    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 2    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 2    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 2    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 2    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 2    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 3    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 3    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 3    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 3    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 3    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 3    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 4    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 4    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 4    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 4    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 4    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 4    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 5    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 5    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 5    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 5    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 5    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 5    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 6    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 6    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 6    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 6    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 6    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 6    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 7    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 7    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 7    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 7    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 7    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 7    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 25  | 8    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 8    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 8    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 13      |
| 2009 | 6     | 25  | 8    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 13      |
| 2009 | 6     | 25  | 8    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 13      |
| 2009 | 6     | 25  | 8    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 13      |
| 2009 | 6     | 25  | 9    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 9    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 9    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 9    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 9    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 9    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 10   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 10   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 10   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 10   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 10   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 10   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 11   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 11   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 11   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 13.4    |
| 2009 | 6     | 25  | 11   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.36       | 0        | 0              | 13.4    |
| 2009 | 6     | 25  | 11   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.77       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 11   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.13       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 12   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.49       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 12   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.83       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 12   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.17       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 12   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.53       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 12   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.86       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 12   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.16       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 13   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.47       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 13   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.72       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 13   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.94       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 13   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.15       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 13   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.33       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 13   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.51       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 14   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.62       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 14   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.69       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 14   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.78       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 14   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.82       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 14   | 46     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.84       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 14   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.82       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 15   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.8        | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 15   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.75       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 15   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.66       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 15   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.6        | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 15   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.53       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 15   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.37       | 0        | 0              | 13.2    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 25  | 16   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.24       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 16   | 16     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.12       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 16   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.97       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 16   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.78       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 16   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.6        | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 16   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 17   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 17   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 17   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 17   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 17   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.89       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 17   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.51       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 18   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.15       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 18   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.81       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 18   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.45       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 18   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.1        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 18   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.76       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 18   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 19   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 19   | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 19   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 19   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 19   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 19   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 20   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 20   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 20   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 20   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 20   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 12      |
| 2009 | 6     | 25  | 20   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 21   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 21   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 21   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 21   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 21   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 21   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 22   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 22   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 22   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 22   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 22   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 22   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 23   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 23   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 23   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 23   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 23   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 23   | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 26  | 0    | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 0    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 0    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 0    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 0    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 0    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 1    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 1    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 1    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 1    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 1    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 1    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 2    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 2    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 2    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 2    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 2    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 2    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 3    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 3    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 3    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 3    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 3    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 3    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 4    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 4    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 4    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 4    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 4    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 4    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 5    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 5    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 5    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 5    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 5    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 5    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 6    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 6    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 6    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 6    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 6    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 6    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 12      |
| 2009 | 6     | 26  | 7    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 7    | 16     | 26     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 7    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 7    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 7    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 7    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 26  | 8    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 8    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 8    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 8    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 13      |
| 2009 | 6     | 26  | 8    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 8    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 9    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 9    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 9    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 9    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 9    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 9    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 10   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 10   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 10   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 10   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 10   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 10   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 11   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 11   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.85       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 11   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.28       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 11   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.68       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 11   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.04       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 11   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.36       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 12   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.74       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 12   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.07       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 12   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.41       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 12   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.71       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 12   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.02       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 12   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.33       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 13   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.6        | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 13   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.87       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 13   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.15       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 13   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.39       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 13   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.62       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 13   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.82       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 14   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.04       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 14   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.23       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 14   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.41       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 14   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.59       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 14   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.79       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 14   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.97       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 15   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 78.08       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 15   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 78.15       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 15   | 26     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 78.22       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 15   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 78.3        | 0        | 0              | 13      |
| 2009 | 6     | 26  | 15   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 78.37       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 15   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 78.39       | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 26  | 16   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 78.44       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 16   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 78.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 16   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 78.39       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 16   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 78.31       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 16   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 78.22       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 16   | 56     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 78.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 17   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 17   | 16     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 17   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 17   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 17   | 46     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 17   | 56     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 18   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 18   | 16     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 18   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.41       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 18   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.19       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 18   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.97       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 18   | 56     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.74       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 19   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.54       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 19   | 16     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.29       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 19   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.09       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 19   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.86       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 19   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.64       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 19   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.41       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 20   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.21       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 20   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.01       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 20   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.83       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 20   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.67       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 20   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.49       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 20   | 56     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.35       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 21   | 6      | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.2        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 21   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.04       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 21   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.9        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 21   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.73       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 21   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 21   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 22   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 22   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 22   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 22   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 22   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 22   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 23   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 23   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 23   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 23   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 23   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 23   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 27  | 0    | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 0    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 0    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 0    | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 0    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 0    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 1    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 1    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 1    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 1    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 1    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 1    | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 2    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 2    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 2    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 2    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 2    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 2    | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 3    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 3    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 3    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 3    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 3    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 3    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 4    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 4    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 4    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 4    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 4    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 4    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 5    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 5    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 5    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 5    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 5    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 5    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 6    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 6    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 6    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 6    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 6    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 6    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 7    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 7    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 7    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 7    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 7    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 7    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 27  | 8    | 6      | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 8    | 16     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 8    | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 8    | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 13      |
| 2009 | 6     | 27  | 8    | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 8    | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 9    | 6      | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 9    | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 9    | 26     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 9    | 36     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 9    | 46     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 9    | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 10   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 10   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 10   | 26     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 10   | 36     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 10   | 46     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 10   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 11   | 6      | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 11   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.73       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 11   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.18       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 11   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.57       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 11   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.97       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 11   | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.38       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 12   | 6      | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.81       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 12   | 16     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.25       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 12   | 26     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.62       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 12   | 36     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 75.02       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 12   | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 75.4        | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 12   | 56     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 75.78       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 13   | 6      | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 76.12       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 13   | 16     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 76.44       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 13   | 26     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 76.69       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 13   | 36     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 76.91       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 13   | 46     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 77.14       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 13   | 56     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 77.38       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 14   | 6      | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 77.59       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 14   | 16     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 77.83       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 14   | 26     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 78.03       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 14   | 36     | 26     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 78.22       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 14   | 46     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 78.39       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 14   | 56     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 78.49       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 15   | 6      | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 78.6        | 0        | 0              | 13      |
| 2009 | 6     | 27  | 15   | 16     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 78.69       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 15   | 26     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 78.78       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 15   | 36     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 78.87       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 15   | 46     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 78.98       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 15   | 56     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 79.05       | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 27  | 16   | 6      | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 79.05       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 16   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 79.05       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 16   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 79.02       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 16   | 36     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 78.98       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 16   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 78.87       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 16   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 78.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 17   | 6      | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 78.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 17   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 78.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 17   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 78.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 17   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 78.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 17   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 17   | 56     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 18   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 18   | 16     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 18   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.09       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 18   | 36     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.87       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 18   | 46     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.66       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 18   | 56     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.44       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 19   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.24       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 19   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.05       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 19   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.87       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 19   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.69       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 19   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.49       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 19   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.31       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 20   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.13       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 20   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.97       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 20   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.79       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 20   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.62       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 20   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.48       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 20   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.32       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 21   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.17       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 21   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.01       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 21   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.87       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 21   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.72       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 21   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.58       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 21   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 22   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 22   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 22   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 22   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 22   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 22   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 23   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 23   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 23   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 23   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 23   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 23   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 28  | 0    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 0    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 0    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 0    | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 0    | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 0    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 1    | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 1    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 1    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 1    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 1    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 1    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 2    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 2    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 2    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 2    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 2    | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 2    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 3    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 3    | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 3    | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 3    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 3    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 3    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 4    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 4    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 4    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 4    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 4    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 4    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 5    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 5    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 5    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 5    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 5    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 5    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 6    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 6    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 6    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 6    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 6    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 6    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 7    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 7    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 7    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 7    | 36     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 7    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 7    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12.8    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 28  | 8    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 8    | 16     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 8    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 8    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 8    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 8    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 9    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 9    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 9    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 9    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 9    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 9    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 10   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 10   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 10   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 10   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 10   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.92       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 10   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 11   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.79       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 11   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.22       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 11   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.69       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 11   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.1        | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 11   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.53       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 11   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75          | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 12   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.45       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 12   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.85       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 12   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.23       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 12   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.59       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 12   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.91       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 12   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.29       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 13   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.59       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 13   | 16     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.88       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 13   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 78.17       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 13   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 78.44       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 13   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 78.71       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 13   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 78.94       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 14   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 79.14       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 14   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 79.3        | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 14   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 79.47       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 14   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 79.63       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 14   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 79.83       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 14   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 79.97       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 15   | 6      | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 80.06       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 15   | 16     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 80.17       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 15   | 26     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 80.2        | 0        | 0              | 13      |
| 2009 | 6     | 28  | 15   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 80.28       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 15   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 80.26       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 15   | 56     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 80.29       | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 28  | 16   | 6      | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 80.31       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 16   | 16     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 80.29       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 16   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 80.28       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 16   | 36     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 80.24       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 16   | 46     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 80.15       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 16   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 79.99       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 17   | 6      | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 79.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 17   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 79.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 17   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 79.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 17   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 79.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 17   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 78.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 17   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 78.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 18   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 78.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 18   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 78.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 18   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.77       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 18   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.5        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 18   | 46     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.27       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 18   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.07       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 19   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.91       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 19   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.71       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 19   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.5        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 19   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.28       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 19   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.08       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 19   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.9        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 20   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.74       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 20   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.58       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 20   | 26     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.43       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 20   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.29       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 20   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.18       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 20   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.06       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 21   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.91       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 21   | 16     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.8        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 21   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.68       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 21   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.55       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 21   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.41       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 21   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.28       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 22   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 22   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 22   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 22   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 22   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 22   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 23   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 23   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 23   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 23   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 23   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 23   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.46       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 29  | 0    | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 0    | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 0    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 0    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 0    | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 0    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 1    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 1    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 1    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 1    | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 1    | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 1    | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 2    | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 2    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 2    | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 2    | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 2    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 2    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 3    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 3    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 3    | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 3    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 3    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 3    | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 4    | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 4    | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 4    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 4    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 4    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 4    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 5    | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 5    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 5    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 5    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 5    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 5    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 6    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 6    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 6    | 26     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 6    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 6    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 6    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 7    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 7    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 7    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 7    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 7    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 7    | 56     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 29  | 8    | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 8    | 16     | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 8    | 26     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 8    | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 13      |
| 2009 | 6     | 29  | 8    | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 13      |
| 2009 | 6     | 29  | 8    | 56     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 13      |
| 2009 | 6     | 29  | 9    | 6      | 26     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 13      |
| 2009 | 6     | 29  | 9    | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 9    | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 9    | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 9    | 46     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 9    | 56     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 10   | 6      | 26     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.62       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 10   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 10   | 26     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.43       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 10   | 36     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.86       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 10   | 46     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 10   | 56     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.72       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 11   | 6      | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.19       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 11   | 16     | 26     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.68       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 11   | 26     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 75.15       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 11   | 36     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 75.61       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 11   | 46     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 76.03       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 11   | 56     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 76.44       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 12   | 6      | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 76.84       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 12   | 16     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 76.86       | 0        | 0              | 13      |
| 2009 | 6     | 29  | 12   | 26     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 77.22       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 12   | 36     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 77.49       | 0        | 0              | 13      |
| 2009 | 6     | 29  | 12   | 46     | 26     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 77.54       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 12   | 56     | 26     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 77.77       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 13   | 6      | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 78.12       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 13   | 16     | 26     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 78.33       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 13   | 26     | 26     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 78.31       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 13   | 36     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 78.26       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 13   | 46     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 77.94       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 13   | 56     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 77.7        | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 14   | 6      | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 77.41       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 14   | 16     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 77.23       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 14   | 26     | 26     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 77.04       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 14   | 36     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 76.78       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 14   | 46     | 26     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 76.59       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 14   | 56     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 76.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 15   | 6      | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 76.32       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 15   | 16     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 76.23       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 15   | 26     | 26     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 76.19       | 0        | 0              | 13      |
| 2009 | 6     | 29  | 15   | 36     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 76.32       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 15   | 46     | 26     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 76.35       | 0        | 0              | 13      |
| 2009 | 6     | 29  | 15   | 56     | 26     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 76.33       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 29  | 16   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.35       | 0        | 0              | 13      |
| 2009 | 6     | 29  | 16   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.51       | 0        | 0              | 13      |
| 2009 | 6     | 29  | 16   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.69       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 16   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.91       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 16   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.82       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 16   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.73       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 17   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.73       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 17   | 16     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 17   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 17   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 17   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 17   | 56     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 6      | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.07       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 19   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.89       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 19   | 16     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.75       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 19   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.64       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 19   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.55       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 19   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.44       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 19   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.34       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 20   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.23       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 20   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.08       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 20   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.92       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 20   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.78       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 20   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.63       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 20   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.49       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 21   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.36       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 21   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.24       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 21   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.11       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 21   | 36     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73          | 0        | 0              | 12      |
| 2009 | 6     | 29  | 21   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.88       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 21   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.75       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 22   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.63       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 22   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.5        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 22   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 22   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 22   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 22   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 23   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 23   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 23   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 23   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 23   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 23   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 30  | 0    | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 0    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 0    | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 0    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 0    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 0    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 1    | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 1    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 1    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 1    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 1    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 1    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 2    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 2    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 2    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 2    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 2    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 2    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 3    | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 3    | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 3    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 3    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 3    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 3    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 4    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 4    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 4    | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 4    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 4    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 4    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 5    | 6      | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 5    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 5    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 5    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 5    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 5    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 6    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 6    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 6    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 6    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 6    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 6    | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 7    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 7    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 7    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 7    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 7    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 7    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 30  | 8    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 8    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 8    | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 8    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 8    | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 8    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 9    | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 9    | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 9    | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 9    | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 13.2    |
| 2009 | 6     | 30  | 9    | 46     | 26     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 13.2    |
| 2009 | 6     | 30  | 9    | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 13.2    |
| 2009 | 6     | 30  | 10   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 13.2    |
| 2009 | 6     | 30  | 10   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 13.2    |
| 2009 | 6     | 30  | 10   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 10   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.73       | 0        | 0              | 13.2    |
| 2009 | 6     | 30  | 10   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.94       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 10   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.41       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 11   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.64       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 11   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.06       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 11   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.29       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 11   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.49       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 11   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.54       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 11   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.1        | 0        | 0              | 13.2    |
| 2009 | 6     | 30  | 12   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.37       | 0        | 0              | 13.2    |
| 2009 | 6     | 30  | 12   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.46       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 12   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.44       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 12   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.5        | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 12   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.97       | 0        | 0              | 13.2    |
| 2009 | 6     | 30  | 12   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.31       | 0        | 0              | 13.2    |
| 2009 | 6     | 30  | 13   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.69       | 0        | 0              | 13.2    |
| 2009 | 6     | 30  | 13   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.87       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 13   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.9        | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 13   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.24       | 0        | 0              | 13.2    |
| 2009 | 6     | 30  | 13   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.12       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 13   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.46       | 0        | 0              | 13.2    |
| 2009 | 6     | 30  | 14   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.69       | 0        | 0              | 13.2    |
| 2009 | 6     | 30  | 14   | 16     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77          | 0        | 0              | 13.2    |
| 2009 | 6     | 30  | 14   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.41       | 0        | 0              | 13.2    |
| 2009 | 6     | 30  | 14   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.63       | 0        | 0              | 13.2    |
| 2009 | 6     | 30  | 14   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.9        | 0        | 0              | 13      |
| 2009 | 6     | 30  | 14   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 78.12       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 15   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 78.21       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 15   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.99       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 15   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.92       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 15   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 78.1        | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 15   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.94       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 15   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.81       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 30  | 16   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.58       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 16   | 16     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 16   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 77.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 16   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 16   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 16   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 17   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 76.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 17   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 17   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 17   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.54       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 17   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.33       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 17   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75.18       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 18   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 75          | 0        | 0              | 12      |
| 2009 | 6     | 30  | 18   | 16     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.82       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 18   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.7        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 18   | 36     | 26     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.61       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 18   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.5        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 18   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.37       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 19   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.25       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 19   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.08       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 19   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.96       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 19   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.83       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 19   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.71       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 19   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.56       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 20   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.4        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 20   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 20   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.13       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 20   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.97       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 20   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.81       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 20   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.66       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 21   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 21   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 21   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 21   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 21   | 46     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 21   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 22   | 6      | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 22   | 16     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 22   | 26     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 22   | 36     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 22   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 22   | 56     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 23   | 6      | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 23   | 16     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 23   | 26     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 23   | 36     | 26     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 23   | 46     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 23   | 56     | 26     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 11.8    |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 1   | 0    | 2      | 31     | 0.3       | 1       | 1.06  | 98.4      | 7.8995 | 7.4402 |
| 2009 | 6     | 1   | 0    | 12     | 31     | 0.3       | 1       | 0.98  | 99.6      | 7.8995 | 6.8822 |
| 2009 | 6     | 1   | 0    | 22     | 31     | 0.3       | 1       | 1     | 95.1      | 7.8995 | 7.0682 |
| 2009 | 6     | 1   | 0    | 32     | 31     | 0.3       | 1       | 0.97  | 94.5      | 7.8995 | 6.8357 |
| 2009 | 6     | 1   | 0    | 42     | 31     | 0.3       | 1       | 1.1   | 98.6      | 7.8995 | 7.696  |
| 2009 | 6     | 1   | 0    | 52     | 31     | 0.3       | 1       | 1.05  | 94.7      | 7.8995 | 7.3937 |
| 2009 | 6     | 1   | 1    | 2      | 31     | 0.3       | 1       | 1     | 97.5      | 7.8995 | 7.0217 |
| 2009 | 6     | 1   | 1    | 12     | 31     | 0.3       | 1       | 0.99  | 98        | 7.8995 | 6.9287 |
| 2009 | 6     | 1   | 1    | 22     | 31     | 0.3       | 1       | 1.03  | 97.1      | 7.8995 | 7.231  |
| 2009 | 6     | 1   | 1    | 32     | 31     | 0.3       | 1       | 1.01  | 98.2      | 7.8801 | 7.0961 |
| 2009 | 6     | 1   | 1    | 42     | 31     | 0.3       | 1       | 1.04  | 92.9      | 7.8995 | 7.3473 |
| 2009 | 6     | 1   | 1    | 52     | 31     | 0.3       | 1       | 0.97  | 100.3     | 7.8995 | 6.766  |
| 2009 | 6     | 1   | 2    | 2      | 31     | 0.3       | 1       | 0.99  | 97.6      | 7.8995 | 6.9753 |
| 2009 | 6     | 1   | 2    | 12     | 31     | 0.3       | 1       | 0.95  | 96.3      | 7.8995 | 6.7195 |
| 2009 | 6     | 1   | 2    | 22     | 31     | 0.3       | 1       | 1     | 95.8      | 7.8995 | 7.045  |
| 2009 | 6     | 1   | 2    | 32     | 31     | 0.3       | 1       | 0.99  | 95.9      | 7.8995 | 6.9753 |
| 2009 | 6     | 1   | 2    | 42     | 31     | 0.3       | 1       | 1.01  | 99.9      | 7.8995 | 7.0683 |
| 2009 | 6     | 1   | 2    | 52     | 31     | 0.3       | 1       | 1.04  | 94        | 7.8995 | 7.3473 |
| 2009 | 6     | 1   | 3    | 2      | 31     | 0.3       | 1       | 0.99  | 95.7      | 7.8995 | 6.9753 |
| 2009 | 6     | 1   | 3    | 12     | 31     | 0.3       | 1       | 0.97  | 92.5      | 7.8995 | 6.8358 |
| 2009 | 6     | 1   | 3    | 22     | 31     | 0.3       | 1       | 0.96  | 94.7      | 7.8995 | 6.8126 |
| 2009 | 6     | 1   | 3    | 32     | 31     | 0.3       | 1       | 0.98  | 95.8      | 7.8995 | 6.9056 |
| 2009 | 6     | 1   | 3    | 42     | 31     | 0.3       | 1       | 1     | 97.2      | 7.8995 | 7.0218 |
| 2009 | 6     | 1   | 3    | 52     | 31     | 0.3       | 1       | 0.93  | 98.1      | 7.8995 | 6.5568 |
| 2009 | 6     | 1   | 4    | 2      | 31     | 0.3       | 1       | 1.04  | 98.7      | 7.8995 | 7.2543 |
| 2009 | 6     | 1   | 4    | 12     | 31     | 0.3       | 1       | 1.06  | 96.6      | 7.8995 | 7.4869 |
| 2009 | 6     | 1   | 4    | 22     | 31     | 0.3       | 1       | 0.99  | 99.3      | 7.8995 | 6.9288 |
| 2009 | 6     | 1   | 4    | 32     | 31     | 0.3       | 1       | 0.96  | 99.9      | 7.8995 | 6.6731 |
| 2009 | 6     | 1   | 4    | 42     | 31     | 0.3       | 1       | 0.99  | 95.7      | 7.8995 | 6.9753 |
| 2009 | 6     | 1   | 4    | 52     | 31     | 0.3       | 1       | 1.02  | 95.5      | 7.8995 | 7.2079 |
| 2009 | 6     | 1   | 5    | 2      | 31     | 0.3       | 1       | 1.01  | 97.3      | 7.8995 | 7.1149 |
| 2009 | 6     | 1   | 5    | 12     | 31     | 0.3       | 1       | 1.01  | 95.2      | 7.8995 | 7.1614 |
| 2009 | 6     | 1   | 5    | 22     | 31     | 0.3       | 1       | 1     | 97.7      | 7.8995 | 7.0451 |
| 2009 | 6     | 1   | 5    | 32     | 31     | 0.3       | 1       | 1.01  | 99.1      | 7.8995 | 7.0916 |
| 2009 | 6     | 1   | 5    | 42     | 31     | 0.3       | 1       | 1.03  | 93.3      | 7.8995 | 7.2544 |
| 2009 | 6     | 1   | 5    | 52     | 31     | 0.3       | 1       | 1     | 96.6      | 7.8995 | 7.0684 |
| 2009 | 6     | 1   | 6    | 2      | 31     | 0.3       | 1       | 0.96  | 101.7     | 7.8995 | 6.6499 |
| 2009 | 6     | 1   | 6    | 12     | 31     | 0.3       | 1       | 0.99  | 95.7      | 7.8995 | 6.9754 |
| 2009 | 6     | 1   | 6    | 22     | 31     | 0.3       | 1       | 0.96  | 98.2      | 7.8995 | 6.7661 |
| 2009 | 6     | 1   | 6    | 32     | 31     | 0.3       | 1       | 0.95  | 95.3      | 7.8995 | 6.7196 |
| 2009 | 6     | 1   | 6    | 42     | 31     | 0.3       | 1       | 1.01  | 100.7     | 7.8995 | 6.9986 |
| 2009 | 6     | 1   | 6    | 52     | 31     | 0.3       | 1       | 1.08  | 102.1     | 7.8995 | 7.4869 |
| 2009 | 6     | 1   | 7    | 2      | 31     | 0.3       | 1       | 0.99  | 96.6      | 7.8995 | 6.9986 |
| 2009 | 6     | 1   | 7    | 12     | 31     | 0.3       | 1       | 0.95  | 98.3      | 7.8995 | 6.6964 |
| 2009 | 6     | 1   | 7    | 22     | 31     | 0.3       | 1       | 0.96  | 98.4      | 7.8995 | 6.7429 |
| 2009 | 6     | 1   | 7    | 32     | 31     | 0.3       | 1       | 1.03  | 99.2      | 7.8995 | 7.1847 |
| 2009 | 6     | 1   | 7    | 42     | 31     | 0.3       | 1       | 0.96  | 98.7      | 7.8995 | 6.6964 |
| 2009 | 6     | 1   | 7    | 52     | 31     | 0.3       | 1       | 0.96  | 97.1      | 7.8995 | 6.7429 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 1   | 8    | 2      | 31     | 0.3       | 1       | 1.03  | 97.3      | 7.8995 | 7.2311 |
| 2009 | 6     | 1   | 8    | 12     | 31     | 0.3       | 1       | 0.99  | 98.9      | 7.8995 | 6.9521 |
| 2009 | 6     | 1   | 8    | 22     | 31     | 0.3       | 1       | 0.95  | 98.4      | 7.8995 | 6.6499 |
| 2009 | 6     | 1   | 8    | 32     | 31     | 0.3       | 1       | 0.95  | 94.2      | 7.8995 | 6.6964 |
| 2009 | 6     | 1   | 8    | 42     | 31     | 0.3       | 1       | 0.99  | 100.5     | 7.8995 | 6.9289 |
| 2009 | 6     | 1   | 8    | 52     | 31     | 0.3       | 1       | 1.03  | 100.1     | 7.8995 | 7.1846 |
| 2009 | 6     | 1   | 9    | 2      | 31     | 0.3       | 1       | 0.96  | 100.1     | 7.8995 | 6.6731 |
| 2009 | 6     | 1   | 9    | 12     | 31     | 0.3       | 1       | 1.04  | 98.7      | 7.8995 | 7.3008 |
| 2009 | 6     | 1   | 9    | 22     | 31     | 0.3       | 1       | 0.96  | 98.1      | 7.8995 | 6.7195 |
| 2009 | 6     | 1   | 9    | 32     | 31     | 0.3       | 1       | 1.02  | 98.1      | 7.8995 | 7.1845 |
| 2009 | 6     | 1   | 9    | 42     | 31     | 0.3       | 1       | 0.93  | 96.1      | 7.8995 | 6.5335 |
| 2009 | 6     | 1   | 9    | 52     | 31     | 0.3       | 1       | 0.95  | 96.3      | 7.8995 | 6.6962 |
| 2009 | 6     | 1   | 10   | 2      | 31     | 0.3       | 1       | 0.98  | 99.7      | 7.8995 | 6.8125 |
| 2009 | 6     | 1   | 10   | 12     | 31     | 0.3       | 1       | 1.05  | 95.2      | 7.8995 | 7.4402 |
| 2009 | 6     | 1   | 10   | 22     | 31     | 0.3       | 1       | 1     | 99.2      | 7.8995 | 6.9984 |
| 2009 | 6     | 1   | 10   | 32     | 31     | 0.3       | 1       | 0.95  | 96.7      | 7.8995 | 6.7194 |
| 2009 | 6     | 1   | 10   | 42     | 31     | 0.3       | 1       | 0.97  | 97.2      | 7.8995 | 6.7891 |
| 2009 | 6     | 1   | 10   | 52     | 31     | 0.3       | 1       | 1.05  | 97.2      | 7.8995 | 7.3704 |
| 2009 | 6     | 1   | 11   | 2      | 31     | 0.3       | 1       | 1.02  | 97.2      | 7.8995 | 7.1844 |
| 2009 | 6     | 1   | 11   | 12     | 31     | 0.3       | 1       | 0.97  | 98        | 7.8995 | 6.7891 |
| 2009 | 6     | 1   | 11   | 22     | 31     | 0.3       | 1       | 0.98  | 95.2      | 7.8995 | 6.8821 |
| 2009 | 6     | 1   | 11   | 32     | 31     | 0.3       | 1       | 0.93  | 95.9      | 7.8995 | 6.5333 |
| 2009 | 6     | 1   | 11   | 42     | 31     | 0.3       | 1       | 0.99  | 94.6      | 7.8995 | 6.9983 |
| 2009 | 6     | 1   | 11   | 52     | 31     | 0.3       | 1       | 1.06  | 95        | 7.8801 | 7.4437 |
| 2009 | 6     | 1   | 12   | 2      | 31     | 0.3       | 1       | 0.97  | 91.5      | 7.8801 | 6.864  |
| 2009 | 6     | 1   | 12   | 12     | 31     | 0.3       | 1       | 1.06  | 93.4      | 7.8801 | 7.5132 |
| 2009 | 6     | 1   | 12   | 22     | 31     | 0.3       | 1       | 0.9   | 95        | 7.8608 | 6.2908 |
| 2009 | 6     | 1   | 12   | 32     | 31     | 0.3       | 1       | 0.93  | 90        | 7.8608 | 6.5683 |
| 2009 | 6     | 1   | 12   | 42     | 31     | 0.3       | 1       | 0.94  | 94.2      | 7.8608 | 6.5915 |
| 2009 | 6     | 1   | 12   | 52     | 31     | 0.3       | 1       | 0.98  | 92.3      | 7.8414 | 6.897  |
| 2009 | 6     | 1   | 13   | 2      | 31     | 0.3       | 1       | 0.98  | 88.9      | 7.8414 | 6.9201 |
| 2009 | 6     | 1   | 13   | 12     | 31     | 0.3       | 1       | 1.01  | 95.4      | 7.8414 | 7.0354 |
| 2009 | 6     | 1   | 13   | 22     | 31     | 0.3       | 1       | 1.04  | 94.9      | 7.8414 | 7.2892 |
| 2009 | 6     | 1   | 13   | 32     | 31     | 0.3       | 1       | 0.98  | 92.7      | 7.8414 | 6.8509 |
| 2009 | 6     | 1   | 13   | 42     | 31     | 0.3       | 1       | 0.96  | 94.5      | 7.8414 | 6.7356 |
| 2009 | 6     | 1   | 13   | 52     | 31     | 0.3       | 1       | 0.95  | 94        | 7.8414 | 6.6664 |
| 2009 | 6     | 1   | 14   | 2      | 31     | 0.3       | 1       | 0.9   | 95.4      | 7.8414 | 6.3204 |
| 2009 | 6     | 1   | 14   | 12     | 31     | 0.3       | 1       | 0.95  | 91.8      | 7.8414 | 6.6433 |
| 2009 | 6     | 1   | 14   | 22     | 31     | 0.3       | 1       | 0.96  | 96.1      | 7.8414 | 6.7125 |
| 2009 | 6     | 1   | 14   | 32     | 31     | 0.3       | 1       | 0.99  | 94.4      | 7.8414 | 6.9432 |
| 2009 | 6     | 1   | 14   | 42     | 31     | 0.3       | 1       | 1     | 90.2      | 7.8221 | 7.0169 |
| 2009 | 6     | 1   | 14   | 52     | 31     | 0.3       | 1       | 0.95  | 87.4      | 7.8414 | 6.6664 |
| 2009 | 6     | 1   | 15   | 2      | 31     | 0.3       | 1       | 0.92  | 90.4      | 7.8414 | 6.4819 |
| 2009 | 6     | 1   | 15   | 12     | 31     | 0.3       | 1       | 0.96  | 94.3      | 7.8414 | 6.7356 |
| 2009 | 6     | 1   | 15   | 22     | 31     | 0.3       | 1       | 1.01  | 93        | 7.8221 | 7.04   |
| 2009 | 6     | 1   | 15   | 32     | 31     | 0.3       | 1       | 0.93  | 90.4      | 7.8414 | 6.5511 |
| 2009 | 6     | 1   | 15   | 42     | 31     | 0.3       | 1       | 0.94  | 82.4      | 7.8221 | 6.5568 |
| 2009 | 6     | 1   | 15   | 52     | 31     | 0.3       | 1       | 0.96  | 82.9      | 7.8221 | 6.6489 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 1   | 16   | 2      | 31     | 0.3       | 1       | 0.99  | 76.2      | 7.8221 | 6.7639 |
| 2009 | 6     | 1   | 16   | 12     | 31     | 0.3       | 1       | 0.94  | 82        | 7.8221 | 6.5339 |
| 2009 | 6     | 1   | 16   | 22     | 31     | 0.3       | 1       | 0.95  | 85.4      | 7.8221 | 6.6489 |
| 2009 | 6     | 1   | 16   | 32     | 31     | 0.3       | 1       | 0.95  | 84        | 7.8027 | 6.5854 |
| 2009 | 6     | 1   | 16   | 42     | 31     | 0.3       | 1       | 0.94  | 88.6      | 7.8027 | 6.5854 |
| 2009 | 6     | 1   | 16   | 52     | 31     | 0.3       | 1       | 0.91  | 80.7      | 7.7833 | 6.2705 |
| 2009 | 6     | 1   | 17   | 2      | 31     | 0.3       | 1       | 0.88  | 87.2      | 7.7833 | 6.1561 |
| 2009 | 6     | 1   | 17   | 12     | 31     | 0.3       | 1       | 0.91  | 85        | 7.7833 | 6.3163 |
| 2009 | 6     | 1   | 17   | 22     | 31     | 0.3       | 1       | 0.94  | 86.2      | 7.7833 | 6.5451 |
| 2009 | 6     | 1   | 17   | 32     | 31     | 0.3       | 1       | 0.89  | 92.7      | 7.7833 | 6.2019 |
| 2009 | 6     | 1   | 17   | 42     | 31     | 0.3       | 1       | 0.93  | 87.4      | 7.764  | 6.4593 |
| 2009 | 6     | 1   | 17   | 52     | 31     | 0.3       | 1       | 0.89  | 90.2      | 7.764  | 6.1626 |
| 2009 | 6     | 1   | 18   | 2      | 31     | 0.3       | 1       | 0.87  | 95.6      | 7.764  | 6.0028 |
| 2009 | 6     | 1   | 18   | 12     | 31     | 0.3       | 1       | 0.93  | 89.2      | 7.764  | 6.4821 |
| 2009 | 6     | 1   | 18   | 22     | 31     | 0.3       | 1       | 0.96  | 93.1      | 7.764  | 6.6875 |
| 2009 | 6     | 1   | 18   | 32     | 31     | 0.3       | 1       | 0.95  | 94.4      | 7.764  | 6.5734 |
| 2009 | 6     | 1   | 18   | 42     | 31     | 0.3       | 1       | 0.88  | 91.9      | 7.764  | 6.0941 |
| 2009 | 6     | 1   | 18   | 52     | 31     | 0.3       | 1       | 0.95  | 91.4      | 7.764  | 6.6191 |
| 2009 | 6     | 1   | 19   | 2      | 31     | 0.3       | 1       | 0.9   | 98        | 7.7446 | 6.1917 |
| 2009 | 6     | 1   | 19   | 12     | 31     | 0.3       | 1       | 0.92  | 93.3      | 7.7446 | 6.3966 |
| 2009 | 6     | 1   | 19   | 22     | 31     | 0.3       | 1       | 0.99  | 96.8      | 7.7446 | 6.8518 |
| 2009 | 6     | 1   | 19   | 32     | 31     | 0.3       | 1       | 0.86  | 96.6      | 7.7446 | 5.8958 |
| 2009 | 6     | 1   | 19   | 42     | 31     | 0.3       | 1       | 0.92  | 96.5      | 7.7446 | 6.351  |
| 2009 | 6     | 1   | 19   | 52     | 31     | 0.3       | 1       | 1     | 94.7      | 7.7446 | 6.8974 |
| 2009 | 6     | 1   | 20   | 2      | 31     | 0.3       | 1       | 0.87  | 94.7      | 7.7446 | 6.0324 |
| 2009 | 6     | 1   | 20   | 12     | 31     | 0.3       | 1       | 0.95  | 92.6      | 7.7446 | 6.5559 |
| 2009 | 6     | 1   | 20   | 22     | 31     | 0.3       | 1       | 0.89  | 99.1      | 7.7253 | 6.0617 |
| 2009 | 6     | 1   | 20   | 32     | 31     | 0.3       | 1       | 0.87  | 103.5     | 7.7253 | 5.88   |
| 2009 | 6     | 1   | 20   | 42     | 31     | 0.3       | 1       | 0.91  | 90.8      | 7.7253 | 6.2887 |
| 2009 | 6     | 1   | 20   | 52     | 31     | 0.3       | 1       | 0.91  | 97.7      | 7.7253 | 6.2433 |
| 2009 | 6     | 1   | 21   | 2      | 31     | 0.3       | 1       | 0.92  | 98.8      | 7.7253 | 6.2887 |
| 2009 | 6     | 1   | 21   | 12     | 31     | 0.3       | 1       | 0.93  | 95.7      | 7.7253 | 6.4022 |
| 2009 | 6     | 1   | 21   | 22     | 31     | 0.3       | 1       | 0.9   | 97.5      | 7.7253 | 6.1752 |
| 2009 | 6     | 1   | 21   | 32     | 31     | 0.3       | 1       | 0.89  | 96.8      | 7.7253 | 6.0844 |
| 2009 | 6     | 1   | 21   | 42     | 31     | 0.3       | 1       | 0.88  | 100.3     | 7.7253 | 5.9709 |
| 2009 | 6     | 1   | 21   | 52     | 31     | 0.3       | 1       | 0.92  | 94.3      | 7.7059 | 6.3172 |
| 2009 | 6     | 1   | 22   | 2      | 31     | 0.3       | 1       | 0.82  | 101.7     | 7.7059 | 5.57   |
| 2009 | 6     | 1   | 22   | 12     | 31     | 0.3       | 1       | 0.89  | 100.6     | 7.7059 | 6.0681 |
| 2009 | 6     | 1   | 22   | 22     | 31     | 0.3       | 1       | 0.84  | 97.4      | 7.7059 | 5.7738 |
| 2009 | 6     | 1   | 22   | 32     | 31     | 0.3       | 1       | 0.93  | 96.5      | 7.7059 | 6.3851 |
| 2009 | 6     | 1   | 22   | 42     | 31     | 0.3       | 1       | 0.82  | 98        | 7.7059 | 5.6153 |
| 2009 | 6     | 1   | 22   | 52     | 31     | 0.3       | 1       | 0.9   | 94.8      | 7.7059 | 6.204  |
| 2009 | 6     | 1   | 23   | 2      | 31     | 0.3       | 1       | 0.9   | 91.5      | 7.7059 | 6.1814 |
| 2009 | 6     | 1   | 23   | 12     | 31     | 0.3       | 1       | 0.89  | 94.9      | 7.7059 | 6.1361 |
| 2009 | 6     | 1   | 23   | 22     | 31     | 0.3       | 1       | 0.87  | 97.8      | 7.7059 | 5.9776 |
| 2009 | 6     | 1   | 23   | 32     | 31     | 0.3       | 1       | 0.87  | 97.4      | 7.7059 | 5.9323 |
| 2009 | 6     | 1   | 23   | 42     | 31     | 0.3       | 1       | 0.83  | 99.1      | 7.6866 | 5.6454 |
| 2009 | 6     | 1   | 23   | 52     | 31     | 0.3       | 1       | 0.88  | 96        | 7.6866 | 6.0519 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 2   | 0    | 2      | 31     | 0.3       | 1       | 0.95  | 98.1      | 7.6866 | 6.4809 |
| 2009 | 6     | 2   | 0    | 12     | 31     | 0.3       | 1       | 0.86  | 97        | 7.6866 | 5.8712 |
| 2009 | 6     | 2   | 0    | 22     | 31     | 0.3       | 1       | 0.91  | 97.3      | 7.6866 | 6.21   |
| 2009 | 6     | 2   | 0    | 32     | 31     | 0.3       | 1       | 0.83  | 90.9      | 7.6866 | 5.7358 |
| 2009 | 6     | 2   | 0    | 42     | 31     | 0.3       | 1       | 0.85  | 98        | 7.6866 | 5.7809 |
| 2009 | 6     | 2   | 0    | 52     | 31     | 0.3       | 1       | 0.86  | 93.7      | 7.6672 | 5.923  |
| 2009 | 6     | 2   | 1    | 2      | 31     | 0.3       | 1       | 0.81  | 95.1      | 7.6672 | 5.5402 |
| 2009 | 6     | 2   | 1    | 12     | 31     | 0.3       | 1       | 0.87  | 95.4      | 7.6672 | 5.9456 |
| 2009 | 6     | 2   | 1    | 22     | 31     | 0.3       | 1       | 0.87  | 97.8      | 7.6672 | 5.9005 |
| 2009 | 6     | 2   | 1    | 32     | 31     | 0.3       | 1       | 0.85  | 95.7      | 7.6672 | 5.833  |
| 2009 | 6     | 2   | 1    | 42     | 31     | 0.3       | 1       | 0.9   | 101.5     | 7.6672 | 6.0807 |
| 2009 | 6     | 2   | 1    | 52     | 31     | 0.3       | 1       | 0.81  | 98.9      | 7.6672 | 5.4952 |
| 2009 | 6     | 2   | 2    | 2      | 31     | 0.3       | 1       | 0.88  | 97.5      | 7.6672 | 5.9906 |
| 2009 | 6     | 2   | 2    | 12     | 31     | 0.3       | 1       | 0.86  | 94.6      | 7.6672 | 5.8555 |
| 2009 | 6     | 2   | 2    | 22     | 31     | 0.3       | 1       | 0.83  | 97.3      | 7.6478 | 5.6376 |
| 2009 | 6     | 2   | 2    | 32     | 31     | 0.3       | 1       | 0.84  | 97.2      | 7.6478 | 5.7274 |
| 2009 | 6     | 2   | 2    | 42     | 31     | 0.3       | 1       | 0.81  | 95.4      | 7.6478 | 5.5028 |
| 2009 | 6     | 2   | 2    | 52     | 31     | 0.3       | 1       | 0.82  | 94.1      | 7.6478 | 5.6151 |
| 2009 | 6     | 2   | 3    | 2      | 31     | 0.3       | 1       | 0.85  | 98.7      | 7.6285 | 5.7119 |
| 2009 | 6     | 2   | 3    | 12     | 31     | 0.3       | 1       | 0.8   | 97.3      | 7.6478 | 5.4355 |
| 2009 | 6     | 2   | 3    | 22     | 31     | 0.3       | 1       | 0.9   | 98.6      | 7.6285 | 6.0703 |
| 2009 | 6     | 2   | 3    | 32     | 31     | 0.3       | 1       | 0.83  | 98.4      | 7.6285 | 5.6224 |
| 2009 | 6     | 2   | 3    | 42     | 31     | 0.3       | 1       | 0.88  | 102.9     | 7.6285 | 5.8688 |
| 2009 | 6     | 2   | 3    | 52     | 31     | 0.3       | 1       | 0.85  | 96.9      | 7.6285 | 5.7568 |
| 2009 | 6     | 2   | 4    | 2      | 31     | 0.3       | 1       | 0.83  | 90.5      | 7.6285 | 5.6896 |
| 2009 | 6     | 2   | 4    | 12     | 31     | 0.3       | 1       | 0.85  | 100.9     | 7.6285 | 5.712  |
| 2009 | 6     | 2   | 4    | 22     | 31     | 0.3       | 1       | 0.87  | 96.3      | 7.6285 | 5.8912 |
| 2009 | 6     | 2   | 4    | 32     | 31     | 0.3       | 1       | 0.83  | 95.9      | 7.6285 | 5.6672 |
| 2009 | 6     | 2   | 4    | 42     | 31     | 0.3       | 1       | 0.87  | 96.7      | 7.6285 | 5.8912 |
| 2009 | 6     | 2   | 4    | 52     | 31     | 0.3       | 1       | 0.86  | 98.1      | 7.6285 | 5.8464 |
| 2009 | 6     | 2   | 5    | 2      | 31     | 0.3       | 1       | 0.77  | 94.6      | 7.6285 | 5.264  |
| 2009 | 6     | 2   | 5    | 12     | 31     | 0.3       | 1       | 0.83  | 96.6      | 7.6285 | 5.6448 |
| 2009 | 6     | 2   | 5    | 22     | 31     | 0.3       | 1       | 0.87  | 99.3      | 7.6091 | 5.8529 |
| 2009 | 6     | 2   | 5    | 32     | 31     | 0.3       | 1       | 0.79  | 101       | 7.6091 | 5.2944 |
| 2009 | 6     | 2   | 5    | 42     | 31     | 0.3       | 1       | 0.8   | 99.2      | 7.6091 | 5.3614 |
| 2009 | 6     | 2   | 5    | 52     | 31     | 0.3       | 1       | 0.82  | 99.4      | 7.6285 | 5.5552 |
| 2009 | 6     | 2   | 6    | 2      | 31     | 0.3       | 1       | 0.83  | 97        | 7.6091 | 5.6295 |
| 2009 | 6     | 2   | 6    | 12     | 31     | 0.3       | 1       | 0.81  | 99.6      | 7.6285 | 5.4432 |
| 2009 | 6     | 2   | 6    | 22     | 31     | 0.3       | 1       | 0.81  | 97.2      | 7.6285 | 5.488  |
| 2009 | 6     | 2   | 6    | 32     | 31     | 0.3       | 1       | 0.9   | 98.1      | 7.6091 | 6.0986 |
| 2009 | 6     | 2   | 6    | 42     | 31     | 0.3       | 1       | 0.84  | 99.2      | 7.6091 | 5.6518 |
| 2009 | 6     | 2   | 6    | 52     | 31     | 0.3       | 1       | 0.79  | 95.5      | 7.5898 | 5.3691 |
| 2009 | 6     | 2   | 7    | 2      | 31     | 0.3       | 1       | 0.85  | 101.3     | 7.6091 | 5.6965 |
| 2009 | 6     | 2   | 7    | 12     | 31     | 0.3       | 1       | 0.88  | 90.4      | 7.5898 | 5.9929 |
| 2009 | 6     | 2   | 7    | 22     | 31     | 0.3       | 1       | 0.79  | 93.3      | 7.5704 | 5.3545 |
| 2009 | 6     | 2   | 7    | 32     | 31     | 0.3       | 1       | 0.77  | 92.2      | 7.5704 | 5.2434 |
| 2009 | 6     | 2   | 7    | 42     | 31     | 0.3       | 1       | 0.79  | 95.7      | 7.5704 | 5.31   |
| 2009 | 6     | 2   | 7    | 52     | 31     | 0.3       | 1       | 0.85  | 96.7      | 7.5704 | 5.6877 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 2   | 8    | 2      | 31     | 0.3       | 1       | 0.85  | 94.2      | 7.5511 | 5.6943 |
| 2009 | 6     | 2   | 8    | 12     | 31     | 0.3       | 1       | 0.8   | 96.3      | 7.5511 | 5.3841 |
| 2009 | 6     | 2   | 8    | 22     | 31     | 0.3       | 1       | 0.83  | 97        | 7.5511 | 5.5835 |
| 2009 | 6     | 2   | 8    | 32     | 31     | 0.3       | 1       | 0.83  | 103.9     | 7.5511 | 5.4506 |
| 2009 | 6     | 2   | 8    | 42     | 31     | 0.3       | 1       | 0.77  | 95.9      | 7.5511 | 5.1404 |
| 2009 | 6     | 2   | 8    | 52     | 31     | 0.3       | 1       | 0.84  | 95.1      | 7.5317 | 5.6566 |
| 2009 | 6     | 2   | 9    | 2      | 31     | 0.3       | 1       | 0.82  | 95.3      | 7.5511 | 5.5392 |
| 2009 | 6     | 2   | 9    | 12     | 31     | 0.3       | 1       | 0.77  | 94.6      | 7.5317 | 5.1704 |
| 2009 | 6     | 2   | 9    | 22     | 31     | 0.3       | 1       | 0.84  | 94.5      | 7.5317 | 5.6345 |
| 2009 | 6     | 2   | 9    | 32     | 31     | 0.3       | 1       | 0.84  | 94.9      | 7.5317 | 5.6344 |
| 2009 | 6     | 2   | 9    | 42     | 31     | 0.3       | 1       | 0.85  | 99.4      | 7.5317 | 5.6344 |
| 2009 | 6     | 2   | 9    | 52     | 31     | 0.3       | 1       | 0.79  | 96.5      | 7.5124 | 5.2443 |
| 2009 | 6     | 2   | 10   | 2      | 31     | 0.3       | 1       | 0.82  | 93.2      | 7.5124 | 5.4867 |
| 2009 | 6     | 2   | 10   | 12     | 31     | 0.3       | 1       | 0.78  | 91.2      | 7.5124 | 5.2663 |
| 2009 | 6     | 2   | 10   | 22     | 31     | 0.3       | 1       | 0.76  | 94.9      | 7.5124 | 5.1121 |
| 2009 | 6     | 2   | 10   | 32     | 31     | 0.3       | 1       | 0.77  | 96.9      | 7.5124 | 5.1341 |
| 2009 | 6     | 2   | 10   | 42     | 31     | 0.3       | 1       | 0.8   | 92.3      | 7.493  | 5.3616 |
| 2009 | 6     | 2   | 10   | 52     | 31     | 0.3       | 1       | 0.81  | 93.7      | 7.493  | 5.4056 |
| 2009 | 6     | 2   | 11   | 2      | 31     | 0.3       | 1       | 0.79  | 96.4      | 7.493  | 5.2737 |
| 2009 | 6     | 2   | 11   | 12     | 31     | 0.3       | 1       | 0.78  | 93.8      | 7.493  | 5.2298 |
| 2009 | 6     | 2   | 11   | 22     | 31     | 0.3       | 1       | 0.79  | 98.1      | 7.493  | 5.2517 |
| 2009 | 6     | 2   | 11   | 32     | 31     | 0.3       | 1       | 0.8   | 93.8      | 7.4736 | 5.3248 |
| 2009 | 6     | 2   | 11   | 42     | 31     | 0.3       | 1       | 0.75  | 95.5      | 7.4736 | 4.9742 |
| 2009 | 6     | 2   | 11   | 52     | 31     | 0.3       | 1       | 0.73  | 95.1      | 7.4736 | 4.8646 |
| 2009 | 6     | 2   | 12   | 2      | 31     | 0.3       | 1       | 0.75  | 93.7      | 7.4543 | 5.0041 |
| 2009 | 6     | 2   | 12   | 12     | 31     | 0.3       | 1       | 0.73  | 88.2      | 7.4349 | 4.8159 |
| 2009 | 6     | 2   | 12   | 22     | 31     | 0.3       | 1       | 0.76  | 93.2      | 7.4349 | 5.012  |
| 2009 | 6     | 2   | 12   | 32     | 31     | 0.3       | 1       | 0.77  | 89.3      | 7.3962 | 5.0924 |
| 2009 | 6     | 2   | 12   | 42     | 31     | 0.3       | 1       | 0.72  | 90.5      | 7.3769 | 4.7108 |
| 2009 | 6     | 2   | 12   | 52     | 31     | 0.3       | 1       | 0.74  | 90.3      | 7.3575 | 4.8915 |
| 2009 | 6     | 2   | 13   | 2      | 31     | 0.3       | 1       | 0.8   | 90.7      | 7.3575 | 5.2578 |
| 2009 | 6     | 2   | 13   | 12     | 31     | 0.3       | 1       | 0.72  | 90.8      | 7.3381 | 4.7058 |
| 2009 | 6     | 2   | 13   | 22     | 31     | 0.3       | 1       | 0.69  | 82.1      | 7.3381 | 4.4694 |
| 2009 | 6     | 2   | 13   | 32     | 31     | 0.3       | 1       | 0.77  | 89.8      | 7.3381 | 5.0281 |
| 2009 | 6     | 2   | 13   | 42     | 31     | 0.3       | 1       | 0.78  | 85.4      | 7.3381 | 5.071  |
| 2009 | 6     | 2   | 13   | 52     | 31     | 0.3       | 1       | 0.71  | 87.9      | 7.3188 | 4.6282 |
| 2009 | 6     | 2   | 14   | 2      | 31     | 0.3       | 1       | 0.74  | 77.3      | 7.3188 | 4.7353 |
| 2009 | 6     | 2   | 14   | 12     | 31     | 0.3       | 1       | 0.74  | 86        | 7.3188 | 4.8425 |
| 2009 | 6     | 2   | 14   | 22     | 31     | 0.3       | 1       | 0.72  | 84.5      | 7.3188 | 4.6496 |
| 2009 | 6     | 2   | 14   | 32     | 31     | 0.3       | 1       | 0.75  | 89.5      | 7.3188 | 4.8853 |
| 2009 | 6     | 2   | 14   | 42     | 31     | 0.3       | 1       | 0.71  | 88.9      | 7.3188 | 4.6496 |
| 2009 | 6     | 2   | 14   | 52     | 31     | 0.3       | 1       | 0.72  | 85.6      | 7.3188 | 4.7139 |
| 2009 | 6     | 2   | 15   | 2      | 31     | 0.3       | 1       | 0.68  | 79.4      | 7.2994 | 4.3587 |
| 2009 | 6     | 2   | 15   | 12     | 31     | 0.3       | 1       | 0.73  | 90        | 7.2994 | 4.7647 |
| 2009 | 6     | 2   | 15   | 22     | 31     | 0.3       | 1       | 0.77  | 85.8      | 7.2994 | 4.9783 |
| 2009 | 6     | 2   | 15   | 32     | 31     | 0.3       | 1       | 0.74  | 88.2      | 7.2994 | 4.8074 |
| 2009 | 6     | 2   | 15   | 42     | 31     | 0.3       | 1       | 0.68  | 82.5      | 7.2994 | 4.4015 |
| 2009 | 6     | 2   | 15   | 52     | 31     | 0.3       | 1       | 0.7   | 87.3      | 7.2994 | 4.5297 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 2   | 16   | 2      | 31     | 0.3       | 1       | 0.67  | 76.7      | 7.2994 | 4.2519 |
| 2009 | 6     | 2   | 16   | 12     | 31     | 0.3       | 1       | 0.7   | 79.2      | 7.2994 | 4.4656 |
| 2009 | 6     | 2   | 16   | 22     | 31     | 0.3       | 1       | 0.78  | 81.7      | 7.2994 | 4.9997 |
| 2009 | 6     | 2   | 16   | 32     | 31     | 0.3       | 1       | 0.61  | 81        | 7.2994 | 3.9101 |
| 2009 | 6     | 2   | 16   | 42     | 31     | 0.3       | 1       | 0.68  | 83.9      | 7.2994 | 4.4015 |
| 2009 | 6     | 2   | 16   | 52     | 31     | 0.3       | 1       | 0.65  | 87.4      | 7.2994 | 4.2519 |
| 2009 | 6     | 2   | 17   | 2      | 31     | 0.3       | 1       | 0.7   | 86        | 7.2994 | 4.5724 |
| 2009 | 6     | 2   | 17   | 12     | 31     | 0.3       | 1       | 0.67  | 87.8      | 7.2994 | 4.3588 |
| 2009 | 6     | 2   | 17   | 22     | 31     | 0.3       | 1       | 0.7   | 91.9      | 7.2994 | 4.5511 |
| 2009 | 6     | 2   | 17   | 32     | 31     | 0.3       | 1       | 0.63  | 94.5      | 7.2994 | 4.0596 |
| 2009 | 6     | 2   | 17   | 42     | 31     | 0.3       | 1       | 0.75  | 83        | 7.2801 | 4.8365 |
| 2009 | 6     | 2   | 17   | 52     | 31     | 0.3       | 1       | 0.61  | 83.5      | 7.2801 | 3.9416 |
| 2009 | 6     | 2   | 18   | 2      | 31     | 0.3       | 1       | 0.63  | 88.2      | 7.2801 | 4.1121 |
| 2009 | 6     | 2   | 18   | 12     | 31     | 0.3       | 1       | 0.76  | 87.8      | 7.2801 | 4.9217 |
| 2009 | 6     | 2   | 18   | 22     | 31     | 0.3       | 1       | 0.69  | 86.2      | 7.2607 | 4.4616 |
| 2009 | 6     | 2   | 18   | 32     | 31     | 0.3       | 1       | 0.65  | 85.7      | 7.2607 | 4.2279 |
| 2009 | 6     | 2   | 18   | 42     | 31     | 0.3       | 1       | 0.69  | 91.4      | 7.2607 | 4.4403 |
| 2009 | 6     | 2   | 18   | 52     | 31     | 0.3       | 1       | 0.66  | 93.7      | 7.2607 | 4.2491 |
| 2009 | 6     | 2   | 19   | 2      | 31     | 0.3       | 1       | 0.64  | 92.3      | 7.2607 | 4.1429 |
| 2009 | 6     | 2   | 19   | 12     | 31     | 0.3       | 1       | 0.68  | 95.8      | 7.2607 | 4.3554 |
| 2009 | 6     | 2   | 19   | 22     | 31     | 0.3       | 1       | 0.68  | 88.3      | 7.2607 | 4.4191 |
| 2009 | 6     | 2   | 19   | 32     | 31     | 0.3       | 1       | 0.66  | 90        | 7.2607 | 4.2704 |
| 2009 | 6     | 2   | 19   | 42     | 31     | 0.3       | 1       | 0.69  | 93        | 7.2607 | 4.4829 |
| 2009 | 6     | 2   | 19   | 52     | 31     | 0.3       | 1       | 0.75  | 92.5      | 7.2607 | 4.8228 |
| 2009 | 6     | 2   | 20   | 2      | 31     | 0.3       | 1       | 0.6   | 85.9      | 7.2607 | 3.8455 |
| 2009 | 6     | 2   | 20   | 12     | 31     | 0.3       | 1       | 0.66  | 95.7      | 7.2607 | 4.2492 |
| 2009 | 6     | 2   | 20   | 22     | 31     | 0.3       | 1       | 0.71  | 95.3      | 7.2414 | 4.5548 |
| 2009 | 6     | 2   | 20   | 32     | 31     | 0.3       | 1       | 0.68  | 95.5      | 7.2414 | 4.3642 |
| 2009 | 6     | 2   | 20   | 42     | 31     | 0.3       | 1       | 0.71  | 88.9      | 7.2414 | 4.576  |
| 2009 | 6     | 2   | 20   | 52     | 31     | 0.3       | 1       | 0.64  | 98.6      | 7.2414 | 4.0676 |
| 2009 | 6     | 2   | 21   | 2      | 31     | 0.3       | 1       | 0.76  | 88.5      | 7.2414 | 4.8938 |
| 2009 | 6     | 2   | 21   | 12     | 31     | 0.3       | 1       | 0.7   | 90.5      | 7.2414 | 4.5337 |
| 2009 | 6     | 2   | 21   | 22     | 31     | 0.3       | 1       | 0.7   | 91.6      | 7.2414 | 4.5125 |
| 2009 | 6     | 2   | 21   | 32     | 31     | 0.3       | 1       | 0.66  | 93.7      | 7.2414 | 4.2371 |
| 2009 | 6     | 2   | 21   | 42     | 31     | 0.3       | 1       | 0.67  | 100.5     | 7.2414 | 4.2371 |
| 2009 | 6     | 2   | 21   | 52     | 31     | 0.3       | 1       | 0.72  | 90.3      | 7.2414 | 4.6184 |
| 2009 | 6     | 2   | 22   | 2      | 31     | 0.3       | 1       | 0.67  | 93.9      | 7.2414 | 4.3218 |
| 2009 | 6     | 2   | 22   | 12     | 31     | 0.3       | 1       | 0.65  | 96.9      | 7.2414 | 4.1735 |
| 2009 | 6     | 2   | 22   | 22     | 31     | 0.3       | 1       | 0.69  | 92.7      | 7.2414 | 4.4278 |
| 2009 | 6     | 2   | 22   | 32     | 31     | 0.3       | 1       | 0.69  | 93.8      | 7.2414 | 4.449  |
| 2009 | 6     | 2   | 22   | 42     | 31     | 0.3       | 1       | 0.64  | 97        | 7.2414 | 4.1312 |
| 2009 | 6     | 2   | 22   | 52     | 31     | 0.3       | 1       | 0.71  | 96.4      | 7.2414 | 4.5337 |
| 2009 | 6     | 2   | 23   | 2      | 31     | 0.3       | 1       | 0.7   | 93.5      | 7.2414 | 4.5337 |
| 2009 | 6     | 2   | 23   | 12     | 31     | 0.3       | 1       | 0.63  | 90        | 7.2414 | 4.0888 |
| 2009 | 6     | 2   | 23   | 22     | 31     | 0.3       | 1       | 0.63  | 93.3      | 7.2414 | 4.0888 |
| 2009 | 6     | 2   | 23   | 32     | 31     | 0.3       | 1       | 0.73  | 89.7      | 7.2414 | 4.7244 |
| 2009 | 6     | 2   | 23   | 42     | 31     | 0.3       | 1       | 0.68  | 92.5      | 7.2414 | 4.3854 |
| 2009 | 6     | 2   | 23   | 52     | 31     | 0.3       | 1       | 0.69  | 96.8      | 7.2414 | 4.449  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 3   | 0    | 2      | 31     | 0.3       | 1       | 0.65  | 96.9      | 7.222  | 4.1828 |
| 2009 | 6     | 3   | 0    | 12     | 31     | 0.3       | 1       | 0.66  | 94        | 7.2414 | 4.2795 |
| 2009 | 6     | 3   | 0    | 22     | 31     | 0.3       | 1       | 0.64  | 92.3      | 7.222  | 4.1405 |
| 2009 | 6     | 3   | 0    | 32     | 31     | 0.3       | 1       | 0.71  | 94.8      | 7.2414 | 4.5761 |
| 2009 | 6     | 3   | 0    | 42     | 31     | 0.3       | 1       | 0.64  | 96.4      | 7.222  | 4.1194 |
| 2009 | 6     | 3   | 0    | 52     | 31     | 0.3       | 1       | 0.65  | 93.2      | 7.222  | 4.1828 |
| 2009 | 6     | 3   | 1    | 2      | 31     | 0.3       | 1       | 0.65  | 94.6      | 7.222  | 4.2039 |
| 2009 | 6     | 3   | 1    | 12     | 31     | 0.3       | 1       | 0.67  | 98.4      | 7.222  | 4.2884 |
| 2009 | 6     | 3   | 1    | 22     | 31     | 0.3       | 1       | 0.72  | 98.9      | 7.222  | 4.5842 |
| 2009 | 6     | 3   | 1    | 32     | 31     | 0.3       | 1       | 0.68  | 91.4      | 7.222  | 4.3518 |
| 2009 | 6     | 3   | 1    | 42     | 31     | 0.3       | 1       | 0.7   | 92.7      | 7.222  | 4.4785 |
| 2009 | 6     | 3   | 1    | 52     | 31     | 0.3       | 1       | 0.68  | 95.5      | 7.222  | 4.3729 |
| 2009 | 6     | 3   | 2    | 2      | 31     | 0.3       | 1       | 0.73  | 92.6      | 7.222  | 4.6898 |
| 2009 | 6     | 3   | 2    | 12     | 31     | 0.3       | 1       | 0.68  | 95.5      | 7.222  | 4.3518 |
| 2009 | 6     | 3   | 2    | 22     | 31     | 0.3       | 1       | 0.66  | 93.1      | 7.222  | 4.2462 |
| 2009 | 6     | 3   | 2    | 32     | 31     | 0.3       | 1       | 0.67  | 101.9     | 7.222  | 4.2251 |
| 2009 | 6     | 3   | 2    | 42     | 31     | 0.3       | 1       | 0.62  | 97.6      | 7.222  | 3.9504 |
| 2009 | 6     | 3   | 2    | 52     | 31     | 0.3       | 1       | 0.66  | 96.8      | 7.222  | 4.2251 |
| 2009 | 6     | 3   | 3    | 2      | 31     | 0.3       | 1       | 0.69  | 102.1     | 7.222  | 4.3518 |
| 2009 | 6     | 3   | 3    | 12     | 31     | 0.3       | 1       | 0.73  | 95.9      | 7.222  | 4.6687 |
| 2009 | 6     | 3   | 3    | 22     | 31     | 0.3       | 1       | 0.64  | 97.1      | 7.222  | 4.0772 |
| 2009 | 6     | 3   | 3    | 32     | 31     | 0.3       | 1       | 0.73  | 95.5      | 7.222  | 4.6476 |
| 2009 | 6     | 3   | 3    | 42     | 31     | 0.3       | 1       | 0.67  | 91.1      | 7.222  | 4.3307 |
| 2009 | 6     | 3   | 3    | 52     | 31     | 0.3       | 1       | 0.68  | 93.9      | 7.222  | 4.3941 |
| 2009 | 6     | 3   | 4    | 2      | 31     | 0.3       | 1       | 0.66  | 97.1      | 7.222  | 4.2462 |
| 2009 | 6     | 3   | 4    | 12     | 31     | 0.3       | 1       | 0.71  | 99        | 7.222  | 4.5208 |
| 2009 | 6     | 3   | 4    | 22     | 31     | 0.3       | 1       | 0.71  | 98.2      | 7.222  | 4.5208 |
| 2009 | 6     | 3   | 4    | 32     | 31     | 0.3       | 1       | 0.64  | 95        | 7.222  | 4.0772 |
| 2009 | 6     | 3   | 4    | 42     | 31     | 0.3       | 1       | 0.67  | 98.2      | 7.222  | 4.2462 |
| 2009 | 6     | 3   | 4    | 52     | 31     | 0.3       | 1       | 0.63  | 94.5      | 7.222  | 4.035  |
| 2009 | 6     | 3   | 5    | 2      | 31     | 0.3       | 1       | 0.64  | 99.4      | 7.222  | 4.0772 |
| 2009 | 6     | 3   | 5    | 12     | 31     | 0.3       | 1       | 0.64  | 101.2     | 7.222  | 4.0561 |
| 2009 | 6     | 3   | 5    | 22     | 31     | 0.3       | 1       | 0.67  | 102.5     | 7.222  | 4.204  |
| 2009 | 6     | 3   | 5    | 32     | 31     | 0.3       | 1       | 0.71  | 98        | 7.222  | 4.4997 |
| 2009 | 6     | 3   | 5    | 42     | 31     | 0.3       | 1       | 0.7   | 97.8      | 7.222  | 4.4786 |
| 2009 | 6     | 3   | 5    | 52     | 31     | 0.3       | 1       | 0.69  | 99.2      | 7.2026 | 4.4026 |
| 2009 | 6     | 3   | 6    | 2      | 31     | 0.3       | 1       | 0.63  | 99        | 7.2026 | 4.0023 |
| 2009 | 6     | 3   | 6    | 12     | 31     | 0.3       | 1       | 0.68  | 92.8      | 7.2026 | 4.3394 |
| 2009 | 6     | 3   | 6    | 22     | 31     | 0.3       | 1       | 0.68  | 95.2      | 7.2026 | 4.3604 |
| 2009 | 6     | 3   | 6    | 32     | 31     | 0.3       | 1       | 0.63  | 95.1      | 7.2026 | 4.0234 |
| 2009 | 6     | 3   | 6    | 42     | 31     | 0.3       | 1       | 0.68  | 95.3      | 7.2026 | 4.3183 |
| 2009 | 6     | 3   | 6    | 52     | 31     | 0.3       | 1       | 0.72  | 97.4      | 7.2026 | 4.5711 |
| 2009 | 6     | 3   | 7    | 2      | 31     | 0.3       | 1       | 0.7   | 101       | 7.2026 | 4.4236 |
| 2009 | 6     | 3   | 7    | 12     | 31     | 0.3       | 1       | 0.68  | 95.8      | 7.2026 | 4.3183 |
| 2009 | 6     | 3   | 7    | 22     | 31     | 0.3       | 1       | 0.68  | 98.1      | 7.2026 | 4.3183 |
| 2009 | 6     | 3   | 7    | 32     | 31     | 0.3       | 1       | 0.63  | 92.4      | 7.2026 | 4.0445 |
| 2009 | 6     | 3   | 7    | 42     | 31     | 0.3       | 1       | 0.67  | 99.6      | 7.2026 | 4.213  |
| 2009 | 6     | 3   | 7    | 52     | 31     | 0.3       | 1       | 0.74  | 95.1      | 7.2026 | 4.7607 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 3   | 8    | 2      | 31     | 0.3       | 1       | 0.66  | 98.3      | 7.2026 | 4.213  |
| 2009 | 6     | 3   | 8    | 12     | 31     | 0.3       | 1       | 0.71  | 100.1     | 7.2026 | 4.5079 |
| 2009 | 6     | 3   | 8    | 22     | 31     | 0.3       | 1       | 0.72  | 97.3      | 7.2026 | 4.6132 |
| 2009 | 6     | 3   | 8    | 32     | 31     | 0.3       | 1       | 0.68  | 99.5      | 7.2026 | 4.2973 |
| 2009 | 6     | 3   | 8    | 42     | 31     | 0.3       | 1       | 0.65  | 101.9     | 7.1833 | 4.0749 |
| 2009 | 6     | 3   | 8    | 52     | 31     | 0.3       | 1       | 0.7   | 95.1      | 7.1833 | 4.4739 |
| 2009 | 6     | 3   | 9    | 2      | 31     | 0.3       | 1       | 0.64  | 98.5      | 7.1833 | 4.0539 |
| 2009 | 6     | 3   | 9    | 12     | 31     | 0.3       | 1       | 0.69  | 99.6      | 7.1833 | 4.3269 |
| 2009 | 6     | 3   | 9    | 22     | 31     | 0.3       | 1       | 0.65  | 100.2     | 7.1833 | 4.0959 |
| 2009 | 6     | 3   | 9    | 32     | 31     | 0.3       | 1       | 0.68  | 98.4      | 7.1833 | 4.2849 |
| 2009 | 6     | 3   | 9    | 42     | 31     | 0.3       | 1       | 0.69  | 99.6      | 7.1833 | 4.3689 |
| 2009 | 6     | 3   | 9    | 52     | 31     | 0.3       | 1       | 0.68  | 92.5      | 7.1639 | 4.3144 |
| 2009 | 6     | 3   | 10   | 2      | 31     | 0.3       | 1       | 0.68  | 87.2      | 7.1446 | 4.302  |
| 2009 | 6     | 3   | 10   | 12     | 31     | 0.3       | 1       | 0.63  | 88.5      | 7.1639 | 4.0003 |
| 2009 | 6     | 3   | 10   | 22     | 31     | 0.3       | 1       | 0.68  | 83.9      | 7.1639 | 4.3145 |
| 2009 | 6     | 3   | 10   | 32     | 31     | 0.3       | 1       | 0.61  | 87.8      | 7.1833 | 3.9068 |
| 2009 | 6     | 3   | 10   | 42     | 31     | 0.3       | 1       | 0.65  | 91.5      | 7.1833 | 4.1379 |
| 2009 | 6     | 3   | 10   | 52     | 31     | 0.3       | 1       | 0.64  | 87.7      | 7.1833 | 4.0959 |
| 2009 | 6     | 3   | 11   | 2      | 31     | 0.3       | 1       | 0.69  | 84.3      | 7.1833 | 4.4109 |
| 2009 | 6     | 3   | 11   | 12     | 31     | 0.3       | 1       | 0.67  | 95.9      | 7.1833 | 4.2429 |
| 2009 | 6     | 3   | 11   | 22     | 31     | 0.3       | 1       | 0.69  | 97.6      | 7.1833 | 4.3899 |
| 2009 | 6     | 3   | 11   | 32     | 31     | 0.3       | 1       | 0.57  | 96        | 7.1833 | 3.6127 |
| 2009 | 6     | 3   | 11   | 42     | 31     | 0.3       | 1       | 0.71  | 86.3      | 7.1833 | 4.5579 |
| 2009 | 6     | 3   | 11   | 52     | 31     | 0.3       | 1       | 0.66  | 96        | 7.1833 | 4.2219 |
| 2009 | 6     | 3   | 12   | 2      | 31     | 0.3       | 1       | 0.65  | 93.2      | 7.1833 | 4.1799 |
| 2009 | 6     | 3   | 12   | 12     | 31     | 0.3       | 1       | 0.68  | 95        | 7.1833 | 4.3269 |
| 2009 | 6     | 3   | 12   | 22     | 31     | 0.3       | 1       | 0.63  | 94.8      | 7.1639 | 4.0002 |
| 2009 | 6     | 3   | 12   | 32     | 31     | 0.3       | 1       | 0.6   | 92.8      | 7.1833 | 3.8227 |
| 2009 | 6     | 3   | 12   | 42     | 31     | 0.3       | 1       | 0.61  | 90        | 7.1833 | 3.9068 |
| 2009 | 6     | 3   | 12   | 52     | 31     | 0.3       | 1       | 0.64  | 92.6      | 7.1639 | 4.1049 |
| 2009 | 6     | 3   | 13   | 2      | 31     | 0.3       | 1       | 0.7   | 90        | 7.1639 | 4.44   |
| 2009 | 6     | 3   | 13   | 12     | 31     | 0.3       | 1       | 0.66  | 92.9      | 7.1639 | 4.1887 |
| 2009 | 6     | 3   | 13   | 22     | 31     | 0.3       | 1       | 0.69  | 91.4      | 7.1446 | 4.4063 |
| 2009 | 6     | 3   | 13   | 32     | 31     | 0.3       | 1       | 0.64  | 95.6      | 7.1446 | 4.0721 |
| 2009 | 6     | 3   | 13   | 42     | 31     | 0.3       | 1       | 0.7   | 95.6      | 7.1446 | 4.448  |
| 2009 | 6     | 3   | 13   | 52     | 31     | 0.3       | 1       | 0.62  | 91.5      | 7.1252 | 3.9146 |
| 2009 | 6     | 3   | 14   | 2      | 31     | 0.3       | 1       | 0.66  | 91.4      | 7.1252 | 4.2061 |
| 2009 | 6     | 3   | 14   | 12     | 31     | 0.3       | 1       | 0.65  | 89.4      | 7.1252 | 4.1228 |
| 2009 | 6     | 3   | 14   | 22     | 31     | 0.3       | 1       | 0.67  | 87.2      | 7.1252 | 4.2269 |
| 2009 | 6     | 3   | 14   | 32     | 31     | 0.3       | 1       | 0.68  | 91.1      | 7.1059 | 4.3184 |
| 2009 | 6     | 3   | 14   | 42     | 31     | 0.3       | 1       | 0.64  | 98.6      | 7.1059 | 3.9862 |
| 2009 | 6     | 3   | 14   | 52     | 31     | 0.3       | 1       | 0.67  | 97.1      | 7.1252 | 4.2061 |
| 2009 | 6     | 3   | 15   | 2      | 31     | 0.3       | 1       | 0.65  | 97.3      | 7.1059 | 4.0693 |
| 2009 | 6     | 3   | 15   | 12     | 31     | 0.3       | 1       | 0.69  | 89.5      | 7.1059 | 4.36   |
| 2009 | 6     | 3   | 15   | 22     | 31     | 0.3       | 1       | 0.61  | 94        | 7.1252 | 3.873  |
| 2009 | 6     | 3   | 15   | 32     | 31     | 0.3       | 1       | 0.61  | 89.1      | 7.1252 | 3.873  |
| 2009 | 6     | 3   | 15   | 42     | 31     | 0.3       | 1       | 0.59  | 88.4      | 7.1252 | 3.7272 |
| 2009 | 6     | 3   | 15   | 52     | 31     | 0.3       | 1       | 0.6   | 85.6      | 7.1252 | 3.7897 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 3   | 16   | 2      | 31     | 0.3       | 1       | 0.58  | 87.1      | 7.1252 | 3.6856 |
| 2009 | 6     | 3   | 16   | 12     | 31     | 0.3       | 1       | 0.65  | 86.3      | 7.1446 | 4.1557 |
| 2009 | 6     | 3   | 16   | 22     | 31     | 0.3       | 1       | 0.55  | 85.9      | 7.1446 | 3.4666 |
| 2009 | 6     | 3   | 16   | 32     | 31     | 0.3       | 1       | 0.68  | 86.7      | 7.1446 | 4.3437 |
| 2009 | 6     | 3   | 16   | 42     | 31     | 0.3       | 1       | 0.65  | 83        | 7.1446 | 4.0931 |
| 2009 | 6     | 3   | 16   | 52     | 31     | 0.3       | 1       | 0.64  | 90.3      | 7.1446 | 4.0513 |
| 2009 | 6     | 3   | 17   | 2      | 31     | 0.3       | 1       | 0.63  | 84.9      | 7.1446 | 3.9678 |
| 2009 | 6     | 3   | 17   | 12     | 31     | 0.3       | 1       | 0.7   | 82.1      | 7.1639 | 4.3982 |
| 2009 | 6     | 3   | 17   | 22     | 31     | 0.3       | 1       | 0.7   | 81.4      | 7.1639 | 4.4192 |
| 2009 | 6     | 3   | 17   | 32     | 31     | 0.3       | 1       | 0.66  | 85.5      | 7.1639 | 4.2307 |
| 2009 | 6     | 3   | 17   | 42     | 31     | 0.3       | 1       | 0.67  | 82.3      | 7.1639 | 4.2097 |
| 2009 | 6     | 3   | 17   | 52     | 31     | 0.3       | 1       | 0.73  | 82.2      | 7.1833 | 4.6    |
| 2009 | 6     | 3   | 18   | 2      | 31     | 0.3       | 1       | 0.58  | 85.1      | 7.1833 | 3.6968 |
| 2009 | 6     | 3   | 18   | 12     | 31     | 0.3       | 1       | 0.63  | 83.4      | 7.1639 | 4.0003 |
| 2009 | 6     | 3   | 18   | 22     | 31     | 0.3       | 1       | 0.64  | 91.5      | 7.1833 | 4.0749 |
| 2009 | 6     | 3   | 18   | 32     | 31     | 0.3       | 1       | 0.69  | 82.9      | 7.1833 | 4.411  |
| 2009 | 6     | 3   | 18   | 42     | 31     | 0.3       | 1       | 0.64  | 88.8      | 7.1833 | 4.0749 |
| 2009 | 6     | 3   | 18   | 52     | 31     | 0.3       | 1       | 0.64  | 85.3      | 7.1833 | 4.0749 |
| 2009 | 6     | 3   | 19   | 2      | 31     | 0.3       | 1       | 0.69  | 89.2      | 7.1833 | 4.411  |
| 2009 | 6     | 3   | 19   | 12     | 31     | 0.3       | 1       | 0.56  | 90.3      | 7.2026 | 3.6232 |
| 2009 | 6     | 3   | 19   | 22     | 31     | 0.3       | 1       | 0.59  | 88.4      | 7.1833 | 3.7809 |
| 2009 | 6     | 3   | 19   | 32     | 31     | 0.3       | 1       | 0.67  | 92        | 7.2026 | 4.2763 |
| 2009 | 6     | 3   | 19   | 42     | 31     | 0.3       | 1       | 0.63  | 93.3      | 7.2026 | 4.0656 |
| 2009 | 6     | 3   | 19   | 52     | 31     | 0.3       | 1       | 0.7   | 94.3      | 7.2026 | 4.4659 |
| 2009 | 6     | 3   | 20   | 2      | 31     | 0.3       | 1       | 0.63  | 90.9      | 7.1833 | 4.0539 |
| 2009 | 6     | 3   | 20   | 12     | 31     | 0.3       | 1       | 0.7   | 102.7     | 7.2026 | 4.4027 |
| 2009 | 6     | 3   | 20   | 22     | 31     | 0.3       | 1       | 0.64  | 103.4     | 7.1833 | 3.9699 |
| 2009 | 6     | 3   | 20   | 32     | 31     | 0.3       | 1       | 0.68  | 94.9      | 7.1833 | 4.369  |
| 2009 | 6     | 3   | 20   | 42     | 31     | 0.3       | 1       | 0.67  | 96.7      | 7.1833 | 4.264  |
| 2009 | 6     | 3   | 20   | 52     | 31     | 0.3       | 1       | 0.64  | 100.6     | 7.1833 | 4.0539 |
| 2009 | 6     | 3   | 21   | 2      | 31     | 0.3       | 1       | 0.73  | 93.3      | 7.1833 | 4.6841 |
| 2009 | 6     | 3   | 21   | 12     | 31     | 0.3       | 1       | 0.72  | 96.6      | 7.1833 | 4.558  |
| 2009 | 6     | 3   | 21   | 22     | 31     | 0.3       | 1       | 0.68  | 96.4      | 7.1833 | 4.306  |
| 2009 | 6     | 3   | 21   | 32     | 31     | 0.3       | 1       | 0.7   | 93.2      | 7.1833 | 4.474  |
| 2009 | 6     | 3   | 21   | 42     | 31     | 0.3       | 1       | 0.68  | 92.8      | 7.1833 | 4.369  |
| 2009 | 6     | 3   | 21   | 52     | 31     | 0.3       | 1       | 0.64  | 95.9      | 7.1833 | 4.0959 |
| 2009 | 6     | 3   | 22   | 2      | 31     | 0.3       | 1       | 0.66  | 90.3      | 7.2026 | 4.2552 |
| 2009 | 6     | 3   | 22   | 12     | 31     | 0.3       | 1       | 0.67  | 97.9      | 7.1833 | 4.264  |
| 2009 | 6     | 3   | 22   | 22     | 31     | 0.3       | 1       | 0.63  | 94.2      | 7.2026 | 4.0024 |
| 2009 | 6     | 3   | 22   | 32     | 31     | 0.3       | 1       | 0.68  | 95        | 7.2026 | 4.3184 |
| 2009 | 6     | 3   | 22   | 42     | 31     | 0.3       | 1       | 0.71  | 101.3     | 7.2026 | 4.4448 |
| 2009 | 6     | 3   | 22   | 52     | 31     | 0.3       | 1       | 0.63  | 97.5      | 7.2026 | 3.9814 |
| 2009 | 6     | 3   | 23   | 2      | 31     | 0.3       | 1       | 0.65  | 96.4      | 7.2026 | 4.1288 |
| 2009 | 6     | 3   | 23   | 12     | 31     | 0.3       | 1       | 0.63  | 98.7      | 7.1833 | 3.9909 |
| 2009 | 6     | 3   | 23   | 22     | 31     | 0.3       | 1       | 0.67  | 95.4      | 7.2026 | 4.2552 |
| 2009 | 6     | 3   | 23   | 32     | 31     | 0.3       | 1       | 0.68  | 91.4      | 7.2026 | 4.3395 |
| 2009 | 6     | 3   | 23   | 42     | 31     | 0.3       | 1       | 0.66  | 98.3      | 7.2026 | 4.2131 |
| 2009 | 6     | 3   | 23   | 52     | 31     | 0.3       | 1       | 0.71  | 94.8      | 7.2026 | 4.5502 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 4   | 0    | 2      | 31     | 0.3       | 1       | 0.7   | 97.8      | 7.2026 | 4.4449 |
| 2009 | 6     | 4   | 0    | 12     | 31     | 0.3       | 1       | 0.72  | 95.5      | 7.2026 | 4.5923 |
| 2009 | 6     | 4   | 0    | 22     | 31     | 0.3       | 1       | 0.62  | 104.7     | 7.2026 | 3.855  |
| 2009 | 6     | 4   | 0    | 32     | 31     | 0.3       | 1       | 0.68  | 100.6     | 7.2026 | 4.2974 |
| 2009 | 6     | 4   | 0    | 42     | 31     | 0.3       | 1       | 0.65  | 101.4     | 7.2026 | 4.0868 |
| 2009 | 6     | 4   | 0    | 52     | 31     | 0.3       | 1       | 0.61  | 97.5      | 7.2026 | 3.855  |
| 2009 | 6     | 4   | 1    | 2      | 31     | 0.3       | 1       | 0.64  | 96.2      | 7.2026 | 4.0657 |
| 2009 | 6     | 4   | 1    | 12     | 31     | 0.3       | 1       | 0.67  | 100.8     | 7.2026 | 4.2132 |
| 2009 | 6     | 4   | 1    | 22     | 31     | 0.3       | 1       | 0.61  | 92.8      | 7.2026 | 3.9393 |
| 2009 | 6     | 4   | 1    | 32     | 31     | 0.3       | 1       | 0.73  | 100.1     | 7.2026 | 4.6134 |
| 2009 | 6     | 4   | 1    | 42     | 31     | 0.3       | 1       | 0.69  | 94.9      | 7.2026 | 4.4449 |
| 2009 | 6     | 4   | 1    | 52     | 31     | 0.3       | 1       | 0.64  | 103.4     | 7.2026 | 3.9814 |
| 2009 | 6     | 4   | 2    | 2      | 31     | 0.3       | 1       | 0.68  | 101.1     | 7.2026 | 4.2974 |
| 2009 | 6     | 4   | 2    | 12     | 31     | 0.3       | 1       | 0.65  | 94.9      | 7.2026 | 4.15   |
| 2009 | 6     | 4   | 2    | 22     | 31     | 0.3       | 1       | 0.67  | 102.1     | 7.2026 | 4.2342 |
| 2009 | 6     | 4   | 2    | 32     | 31     | 0.3       | 1       | 0.71  | 95.3      | 7.2026 | 4.5292 |
| 2009 | 6     | 4   | 2    | 42     | 31     | 0.3       | 1       | 0.67  | 94.8      | 7.2026 | 4.2553 |
| 2009 | 6     | 4   | 2    | 52     | 31     | 0.3       | 1       | 0.61  | 96.8      | 7.2026 | 3.8972 |
| 2009 | 6     | 4   | 3    | 2      | 31     | 0.3       | 1       | 0.63  | 99        | 7.2026 | 3.9815 |
| 2009 | 6     | 4   | 3    | 12     | 31     | 0.3       | 1       | 0.64  | 95.6      | 7.2026 | 4.1079 |
| 2009 | 6     | 4   | 3    | 22     | 31     | 0.3       | 1       | 0.66  | 100.5     | 7.2026 | 4.1921 |
| 2009 | 6     | 4   | 3    | 32     | 31     | 0.3       | 1       | 0.63  | 90        | 7.2026 | 4.0447 |
| 2009 | 6     | 4   | 3    | 42     | 31     | 0.3       | 1       | 0.7   | 93.5      | 7.2026 | 4.5081 |
| 2009 | 6     | 4   | 3    | 52     | 31     | 0.3       | 1       | 0.72  | 92.6      | 7.2026 | 4.6345 |
| 2009 | 6     | 4   | 4    | 2      | 31     | 0.3       | 1       | 0.64  | 100.9     | 7.2026 | 4.0447 |
| 2009 | 6     | 4   | 4    | 12     | 31     | 0.3       | 1       | 0.65  | 96.9      | 7.2026 | 4.15   |
| 2009 | 6     | 4   | 4    | 22     | 31     | 0.3       | 1       | 0.64  | 94.7      | 7.2026 | 4.1079 |
| 2009 | 6     | 4   | 4    | 32     | 31     | 0.3       | 1       | 0.67  | 99.2      | 7.2026 | 4.2764 |
| 2009 | 6     | 4   | 4    | 42     | 31     | 0.3       | 1       | 0.68  | 100.6     | 7.2026 | 4.2764 |
| 2009 | 6     | 4   | 4    | 52     | 31     | 0.3       | 1       | 0.64  | 93.5      | 7.2026 | 4.1079 |
| 2009 | 6     | 4   | 5    | 2      | 31     | 0.3       | 1       | 0.66  | 95.5      | 7.2026 | 4.1922 |
| 2009 | 6     | 4   | 5    | 12     | 31     | 0.3       | 1       | 0.7   | 91.9      | 7.2026 | 4.4871 |
| 2009 | 6     | 4   | 5    | 22     | 31     | 0.3       | 1       | 0.59  | 104.2     | 7.2026 | 3.6655 |
| 2009 | 6     | 4   | 5    | 32     | 31     | 0.3       | 1       | 0.7   | 101.9     | 7.2026 | 4.4028 |
| 2009 | 6     | 4   | 5    | 42     | 31     | 0.3       | 1       | 0.67  | 97.3      | 7.2026 | 4.2975 |
| 2009 | 6     | 4   | 5    | 52     | 31     | 0.3       | 1       | 0.73  | 100.3     | 7.2026 | 4.6346 |
| 2009 | 6     | 4   | 6    | 2      | 31     | 0.3       | 1       | 0.72  | 96        | 7.2026 | 4.6135 |
| 2009 | 6     | 4   | 6    | 12     | 31     | 0.3       | 1       | 0.65  | 94.6      | 7.2026 | 4.1711 |
| 2009 | 6     | 4   | 6    | 22     | 31     | 0.3       | 1       | 0.74  | 99.5      | 7.2026 | 4.6557 |
| 2009 | 6     | 4   | 6    | 32     | 31     | 0.3       | 1       | 0.68  | 93.3      | 7.2026 | 4.3607 |
| 2009 | 6     | 4   | 6    | 42     | 31     | 0.3       | 1       | 0.76  | 99.5      | 7.2026 | 4.8031 |
| 2009 | 6     | 4   | 6    | 52     | 31     | 0.3       | 1       | 0.67  | 97.9      | 7.2026 | 4.2554 |
| 2009 | 6     | 4   | 7    | 2      | 31     | 0.3       | 1       | 0.69  | 100.1     | 7.2026 | 4.3607 |
| 2009 | 6     | 4   | 7    | 12     | 31     | 0.3       | 1       | 0.72  | 96.8      | 7.2026 | 4.5714 |
| 2009 | 6     | 4   | 7    | 22     | 31     | 0.3       | 1       | 0.71  | 101.8     | 7.2026 | 4.445  |
| 2009 | 6     | 4   | 7    | 32     | 31     | 0.3       | 1       | 0.69  | 90.3      | 7.2026 | 4.445  |
| 2009 | 6     | 4   | 7    | 42     | 31     | 0.3       | 1       | 0.68  | 99.1      | 7.2026 | 4.3186 |
| 2009 | 6     | 4   | 7    | 52     | 31     | 0.3       | 1       | 0.65  | 99.2      | 7.2026 | 4.1501 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 4   | 8    | 2      | 31     | 0.3       | 1       | 0.64  | 95.3      | 7.2026 | 4.0658 |
| 2009 | 6     | 4   | 8    | 12     | 31     | 0.3       | 1       | 0.66  | 98.3      | 7.2026 | 4.1922 |
| 2009 | 6     | 4   | 8    | 22     | 31     | 0.3       | 1       | 0.61  | 96.5      | 7.222  | 3.8873 |
| 2009 | 6     | 4   | 8    | 32     | 31     | 0.3       | 1       | 0.65  | 99        | 7.2026 | 4.129  |
| 2009 | 6     | 4   | 8    | 42     | 31     | 0.3       | 1       | 0.68  | 103.9     | 7.2026 | 4.2554 |
| 2009 | 6     | 4   | 8    | 52     | 31     | 0.3       | 1       | 0.63  | 96.6      | 7.2026 | 4.0026 |
| 2009 | 6     | 4   | 9    | 2      | 31     | 0.3       | 1       | 0.66  | 98        | 7.222  | 4.2253 |
| 2009 | 6     | 4   | 9    | 12     | 31     | 0.3       | 1       | 0.68  | 100.3     | 7.222  | 4.3098 |
| 2009 | 6     | 4   | 9    | 22     | 31     | 0.3       | 1       | 0.68  | 98.4      | 7.222  | 4.3098 |
| 2009 | 6     | 4   | 9    | 32     | 31     | 0.3       | 1       | 0.71  | 94.3      | 7.222  | 4.5422 |
| 2009 | 6     | 4   | 9    | 42     | 31     | 0.3       | 1       | 0.71  | 98.5      | 7.2026 | 4.5291 |
| 2009 | 6     | 4   | 9    | 52     | 31     | 0.3       | 1       | 0.7   | 98.4      | 7.2026 | 4.4449 |
| 2009 | 6     | 4   | 10   | 2      | 31     | 0.3       | 1       | 0.64  | 98.6      | 7.2026 | 4.0446 |
| 2009 | 6     | 4   | 10   | 12     | 31     | 0.3       | 1       | 0.78  | 96        | 7.2026 | 4.9925 |
| 2009 | 6     | 4   | 10   | 22     | 31     | 0.3       | 1       | 0.6   | 101.4     | 7.2026 | 3.7496 |
| 2009 | 6     | 4   | 10   | 32     | 31     | 0.3       | 1       | 0.74  | 98.4      | 7.2026 | 4.7186 |
| 2009 | 6     | 4   | 10   | 42     | 31     | 0.3       | 1       | 0.68  | 97.5      | 7.2026 | 4.3394 |
| 2009 | 6     | 4   | 10   | 52     | 31     | 0.3       | 1       | 0.63  | 100.7     | 7.2026 | 4.0024 |
| 2009 | 6     | 4   | 11   | 2      | 31     | 0.3       | 1       | 0.66  | 92.9      | 7.2026 | 4.213  |
| 2009 | 6     | 4   | 11   | 12     | 31     | 0.3       | 1       | 0.73  | 90        | 7.2026 | 4.7186 |
| 2009 | 6     | 4   | 11   | 22     | 31     | 0.3       | 1       | 0.64  | 95.9      | 7.2026 | 4.1077 |
| 2009 | 6     | 4   | 11   | 32     | 31     | 0.3       | 1       | 0.65  | 97.9      | 7.222  | 4.1195 |
| 2009 | 6     | 4   | 11   | 42     | 31     | 0.3       | 1       | 0.69  | 94.1      | 7.2026 | 4.4447 |
| 2009 | 6     | 4   | 11   | 52     | 31     | 0.3       | 1       | 0.62  | 95.4      | 7.222  | 3.9927 |
| 2009 | 6     | 4   | 12   | 2      | 31     | 0.3       | 1       | 0.64  | 97.6      | 7.2026 | 4.0865 |
| 2009 | 6     | 4   | 12   | 12     | 31     | 0.3       | 1       | 0.7   | 98.4      | 7.2026 | 4.4446 |
| 2009 | 6     | 4   | 12   | 22     | 31     | 0.3       | 1       | 0.59  | 98        | 7.2026 | 3.7495 |
| 2009 | 6     | 4   | 12   | 32     | 31     | 0.3       | 1       | 0.64  | 90        | 7.2026 | 4.1076 |
| 2009 | 6     | 4   | 12   | 42     | 31     | 0.3       | 1       | 0.64  | 92.7      | 7.2026 | 4.0865 |
| 2009 | 6     | 4   | 12   | 52     | 31     | 0.3       | 1       | 0.66  | 92        | 7.1833 | 4.2007 |
| 2009 | 6     | 4   | 13   | 2      | 31     | 0.3       | 1       | 0.65  | 92        | 7.1833 | 4.1377 |
| 2009 | 6     | 4   | 13   | 12     | 31     | 0.3       | 1       | 0.66  | 94        | 7.1833 | 4.2427 |
| 2009 | 6     | 4   | 13   | 22     | 31     | 0.3       | 1       | 0.66  | 96        | 7.1639 | 4.1676 |
| 2009 | 6     | 4   | 13   | 32     | 31     | 0.3       | 1       | 0.66  | 88.9      | 7.1833 | 4.2427 |
| 2009 | 6     | 4   | 13   | 42     | 31     | 0.3       | 1       | 0.73  | 93.1      | 7.1833 | 4.6417 |
| 2009 | 6     | 4   | 13   | 52     | 31     | 0.3       | 1       | 0.64  | 90.3      | 7.1639 | 4.0838 |
| 2009 | 6     | 4   | 14   | 2      | 31     | 0.3       | 1       | 0.69  | 84.8      | 7.1639 | 4.377  |
| 2009 | 6     | 4   | 14   | 12     | 31     | 0.3       | 1       | 0.63  | 97.5      | 7.1639 | 3.9582 |
| 2009 | 6     | 4   | 14   | 22     | 31     | 0.3       | 1       | 0.61  | 90        | 7.1446 | 3.9049 |
| 2009 | 6     | 4   | 14   | 32     | 31     | 0.3       | 1       | 0.67  | 92.5      | 7.1639 | 4.2723 |
| 2009 | 6     | 4   | 14   | 42     | 31     | 0.3       | 1       | 0.61  | 92.5      | 7.1446 | 3.8632 |
| 2009 | 6     | 4   | 14   | 52     | 31     | 0.3       | 1       | 0.7   | 90        | 7.1446 | 4.4687 |
| 2009 | 6     | 4   | 15   | 2      | 31     | 0.3       | 1       | 0.67  | 85.5      | 7.1252 | 4.2267 |
| 2009 | 6     | 4   | 15   | 12     | 31     | 0.3       | 1       | 0.66  | 100       | 7.1446 | 4.1346 |
| 2009 | 6     | 4   | 15   | 22     | 31     | 0.3       | 1       | 0.63  | 96.5      | 7.1252 | 3.9977 |
| 2009 | 6     | 4   | 15   | 32     | 31     | 0.3       | 1       | 0.64  | 94.4      | 7.1446 | 4.0511 |
| 2009 | 6     | 4   | 15   | 42     | 31     | 0.3       | 1       | 0.63  | 94.5      | 7.1252 | 3.9769 |
| 2009 | 6     | 4   | 15   | 52     | 31     | 0.3       | 1       | 0.64  | 97.4      | 7.1446 | 4.0094 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 4   | 16   | 2      | 31     | 0.3       | 1       | 0.66  | 87.4      | 7.1446 | 4.1764 |
| 2009 | 6     | 4   | 16   | 12     | 31     | 0.3       | 1       | 0.65  | 87.4      | 7.1252 | 4.1435 |
| 2009 | 6     | 4   | 16   | 22     | 31     | 0.3       | 1       | 0.61  | 89.4      | 7.1252 | 3.8728 |
| 2009 | 6     | 4   | 16   | 32     | 31     | 0.3       | 1       | 0.67  | 90.3      | 7.1252 | 4.2684 |
| 2009 | 6     | 4   | 16   | 42     | 31     | 0.3       | 1       | 0.66  | 87.4      | 7.1252 | 4.206  |
| 2009 | 6     | 4   | 16   | 52     | 31     | 0.3       | 1       | 0.61  | 85.7      | 7.1252 | 3.8728 |
| 2009 | 6     | 4   | 17   | 2      | 31     | 0.3       | 1       | 0.66  | 88.6      | 7.1059 | 4.1937 |
| 2009 | 6     | 4   | 17   | 12     | 31     | 0.3       | 1       | 0.67  | 90.6      | 7.1252 | 4.2476 |
| 2009 | 6     | 4   | 17   | 22     | 31     | 0.3       | 1       | 0.63  | 92.1      | 7.1252 | 3.9978 |
| 2009 | 6     | 4   | 17   | 32     | 31     | 0.3       | 1       | 0.62  | 89.4      | 7.1252 | 3.9353 |
| 2009 | 6     | 4   | 17   | 42     | 31     | 0.3       | 1       | 0.67  | 96.2      | 7.1252 | 4.206  |
| 2009 | 6     | 4   | 17   | 52     | 31     | 0.3       | 1       | 0.71  | 92.9      | 7.1252 | 4.4975 |
| 2009 | 6     | 4   | 18   | 2      | 31     | 0.3       | 1       | 0.62  | 88.8      | 7.1252 | 3.9562 |
| 2009 | 6     | 4   | 18   | 12     | 31     | 0.3       | 1       | 0.66  | 85.4      | 7.1252 | 4.1852 |
| 2009 | 6     | 4   | 18   | 22     | 31     | 0.3       | 1       | 0.77  | 92.2      | 7.1252 | 4.8724 |
| 2009 | 6     | 4   | 18   | 32     | 31     | 0.3       | 1       | 0.63  | 87        | 7.1252 | 3.9979 |
| 2009 | 6     | 4   | 18   | 42     | 31     | 0.3       | 1       | 0.64  | 92.9      | 7.1252 | 4.0603 |
| 2009 | 6     | 4   | 18   | 52     | 31     | 0.3       | 1       | 0.61  | 91.2      | 7.1252 | 3.8521 |
| 2009 | 6     | 4   | 19   | 2      | 31     | 0.3       | 1       | 0.66  | 92.8      | 7.1252 | 4.2061 |
| 2009 | 6     | 4   | 19   | 12     | 31     | 0.3       | 1       | 0.63  | 87.3      | 7.1252 | 3.9771 |
| 2009 | 6     | 4   | 19   | 22     | 31     | 0.3       | 1       | 0.64  | 93.8      | 7.1252 | 4.0812 |
| 2009 | 6     | 4   | 19   | 32     | 31     | 0.3       | 1       | 0.62  | 98.8      | 7.1252 | 3.8938 |
| 2009 | 6     | 4   | 19   | 42     | 31     | 0.3       | 1       | 0.65  | 98.4      | 7.1252 | 4.0812 |
| 2009 | 6     | 4   | 19   | 52     | 31     | 0.3       | 1       | 0.67  | 96.5      | 7.1252 | 4.2061 |
| 2009 | 6     | 4   | 20   | 2      | 31     | 0.3       | 1       | 0.58  | 98.5      | 7.1252 | 3.6231 |
| 2009 | 6     | 4   | 20   | 12     | 31     | 0.3       | 1       | 0.66  | 96.6      | 7.1446 | 4.1557 |
| 2009 | 6     | 4   | 20   | 22     | 31     | 0.3       | 1       | 0.61  | 95.3      | 7.1252 | 3.8522 |
| 2009 | 6     | 4   | 20   | 32     | 31     | 0.3       | 1       | 0.67  | 102.8     | 7.1252 | 4.1229 |
| 2009 | 6     | 4   | 20   | 42     | 31     | 0.3       | 1       | 0.59  | 103.4     | 7.1252 | 3.6648 |
| 2009 | 6     | 4   | 20   | 52     | 31     | 0.3       | 1       | 0.56  | 96.7      | 7.1446 | 3.5501 |
| 2009 | 6     | 4   | 21   | 2      | 31     | 0.3       | 1       | 0.62  | 92.4      | 7.1639 | 3.9793 |
| 2009 | 6     | 4   | 21   | 12     | 31     | 0.3       | 1       | 0.64  | 94.4      | 7.1446 | 4.0305 |
| 2009 | 6     | 4   | 21   | 22     | 31     | 0.3       | 1       | 0.63  | 96.2      | 7.1639 | 4.0212 |
| 2009 | 6     | 4   | 21   | 32     | 31     | 0.3       | 1       | 0.67  | 98.1      | 7.1639 | 4.2516 |
| 2009 | 6     | 4   | 21   | 42     | 31     | 0.3       | 1       | 0.63  | 97.8      | 7.1833 | 3.9698 |
| 2009 | 6     | 4   | 21   | 52     | 31     | 0.3       | 1       | 0.65  | 97.3      | 7.1833 | 4.0959 |
| 2009 | 6     | 4   | 22   | 2      | 31     | 0.3       | 1       | 0.61  | 98        | 7.1833 | 3.8858 |
| 2009 | 6     | 4   | 22   | 12     | 31     | 0.3       | 1       | 0.62  | 95.5      | 7.1833 | 3.9278 |
| 2009 | 6     | 4   | 22   | 22     | 31     | 0.3       | 1       | 0.68  | 95.5      | 7.1833 | 4.3269 |
| 2009 | 6     | 4   | 22   | 32     | 31     | 0.3       | 1       | 0.72  | 96.3      | 7.1833 | 4.579  |
| 2009 | 6     | 4   | 22   | 42     | 31     | 0.3       | 1       | 0.7   | 100.8     | 7.1833 | 4.3899 |
| 2009 | 6     | 4   | 22   | 52     | 31     | 0.3       | 1       | 0.65  | 101.4     | 7.1833 | 4.0749 |
| 2009 | 6     | 4   | 23   | 2      | 31     | 0.3       | 1       | 0.74  | 99.2      | 7.2026 | 4.6765 |
| 2009 | 6     | 4   | 23   | 12     | 31     | 0.3       | 1       | 0.71  | 100.6     | 7.1833 | 4.495  |
| 2009 | 6     | 4   | 23   | 22     | 31     | 0.3       | 1       | 0.58  | 93.3      | 7.1833 | 3.6758 |
| 2009 | 6     | 4   | 23   | 32     | 31     | 0.3       | 1       | 0.67  | 98.1      | 7.1833 | 4.2639 |
| 2009 | 6     | 4   | 23   | 42     | 31     | 0.3       | 1       | 0.69  | 102       | 7.1833 | 4.348  |
| 2009 | 6     | 4   | 23   | 52     | 31     | 0.3       | 1       | 0.62  | 93.6      | 7.2026 | 3.9813 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 5   | 0    | 2      | 31     | 0.3       | 1       | 0.69  | 96.6      | 7.2026 | 4.3816 |
| 2009 | 6     | 5   | 0    | 12     | 31     | 0.3       | 1       | 0.63  | 90.6      | 7.2026 | 4.0235 |
| 2009 | 6     | 5   | 0    | 22     | 31     | 0.3       | 1       | 0.7   | 93.2      | 7.2026 | 4.508  |
| 2009 | 6     | 5   | 0    | 32     | 31     | 0.3       | 1       | 0.58  | 91.9      | 7.2026 | 3.7286 |
| 2009 | 6     | 5   | 0    | 42     | 31     | 0.3       | 1       | 0.6   | 97.6      | 7.2026 | 3.7918 |
| 2009 | 6     | 5   | 0    | 52     | 31     | 0.3       | 1       | 0.63  | 97.2      | 7.2026 | 3.9813 |
| 2009 | 6     | 5   | 1    | 2      | 31     | 0.3       | 1       | 0.63  | 96.9      | 7.2026 | 4.0024 |
| 2009 | 6     | 5   | 1    | 12     | 31     | 0.3       | 1       | 0.67  | 99.2      | 7.2026 | 4.2763 |
| 2009 | 6     | 5   | 1    | 22     | 31     | 0.3       | 1       | 0.57  | 86.4      | 7.2026 | 3.6654 |
| 2009 | 6     | 5   | 1    | 32     | 31     | 0.3       | 1       | 0.63  | 98        | 7.2026 | 4.0235 |
| 2009 | 6     | 5   | 1    | 42     | 31     | 0.3       | 1       | 0.64  | 95.6      | 7.2026 | 4.0867 |
| 2009 | 6     | 5   | 1    | 52     | 31     | 0.3       | 1       | 0.62  | 95.7      | 7.2026 | 3.9814 |
| 2009 | 6     | 5   | 2    | 2      | 31     | 0.3       | 1       | 0.67  | 96.5      | 7.2026 | 4.2763 |
| 2009 | 6     | 5   | 2    | 12     | 31     | 0.3       | 1       | 0.72  | 94.7      | 7.2026 | 4.5923 |
| 2009 | 6     | 5   | 2    | 22     | 31     | 0.3       | 1       | 0.6   | 98.1      | 7.2026 | 3.8339 |
| 2009 | 6     | 5   | 2    | 32     | 31     | 0.3       | 1       | 0.74  | 101.5     | 7.222  | 4.6689 |
| 2009 | 6     | 5   | 2    | 42     | 31     | 0.3       | 1       | 0.67  | 105.1     | 7.2026 | 4.1288 |
| 2009 | 6     | 5   | 2    | 52     | 31     | 0.3       | 1       | 0.61  | 98.6      | 7.222  | 3.9083 |
| 2009 | 6     | 5   | 3    | 2      | 31     | 0.3       | 1       | 0.74  | 97.4      | 7.222  | 4.7322 |
| 2009 | 6     | 5   | 3    | 12     | 31     | 0.3       | 1       | 0.65  | 99.2      | 7.222  | 4.1618 |
| 2009 | 6     | 5   | 3    | 22     | 31     | 0.3       | 1       | 0.61  | 93.7      | 7.222  | 3.9506 |
| 2009 | 6     | 5   | 3    | 32     | 31     | 0.3       | 1       | 0.67  | 98.2      | 7.222  | 4.2675 |
| 2009 | 6     | 5   | 3    | 42     | 31     | 0.3       | 1       | 0.75  | 92.3      | 7.222  | 4.7956 |
| 2009 | 6     | 5   | 3    | 52     | 31     | 0.3       | 1       | 0.68  | 99.4      | 7.222  | 4.352  |
| 2009 | 6     | 5   | 4    | 2      | 31     | 0.3       | 1       | 0.68  | 96.9      | 7.222  | 4.3731 |
| 2009 | 6     | 5   | 4    | 12     | 31     | 0.3       | 1       | 0.68  | 98        | 7.222  | 4.352  |
| 2009 | 6     | 5   | 4    | 22     | 31     | 0.3       | 1       | 0.64  | 100.6     | 7.222  | 4.0774 |
| 2009 | 6     | 5   | 4    | 32     | 31     | 0.3       | 1       | 0.61  | 97.4      | 7.222  | 3.8872 |
| 2009 | 6     | 5   | 4    | 42     | 31     | 0.3       | 1       | 0.64  | 93.8      | 7.222  | 4.1196 |
| 2009 | 6     | 5   | 4    | 52     | 31     | 0.3       | 1       | 0.72  | 93.4      | 7.222  | 4.6478 |
| 2009 | 6     | 5   | 5    | 2      | 31     | 0.3       | 1       | 0.67  | 93.9      | 7.222  | 4.3098 |
| 2009 | 6     | 5   | 5    | 12     | 31     | 0.3       | 1       | 0.71  | 96.1      | 7.222  | 4.5422 |
| 2009 | 6     | 5   | 5    | 22     | 31     | 0.3       | 1       | 0.68  | 96.6      | 7.222  | 4.352  |
| 2009 | 6     | 5   | 5    | 32     | 31     | 0.3       | 1       | 0.65  | 104.4     | 7.222  | 4.0351 |
| 2009 | 6     | 5   | 5    | 42     | 31     | 0.3       | 1       | 0.72  | 94.9      | 7.222  | 4.6478 |
| 2009 | 6     | 5   | 5    | 52     | 31     | 0.3       | 1       | 0.65  | 94.3      | 7.222  | 4.2042 |
| 2009 | 6     | 5   | 6    | 2      | 31     | 0.3       | 1       | 0.71  | 94.2      | 7.222  | 4.5633 |
| 2009 | 6     | 5   | 6    | 12     | 31     | 0.3       | 1       | 0.7   | 97.8      | 7.222  | 4.4577 |
| 2009 | 6     | 5   | 6    | 22     | 31     | 0.3       | 1       | 0.69  | 97.3      | 7.222  | 4.4366 |
| 2009 | 6     | 5   | 6    | 32     | 31     | 0.3       | 1       | 0.73  | 97.8      | 7.222  | 4.6478 |
| 2009 | 6     | 5   | 6    | 42     | 31     | 0.3       | 1       | 0.68  | 99.4      | 7.222  | 4.3309 |
| 2009 | 6     | 5   | 6    | 52     | 31     | 0.3       | 1       | 0.64  | 93.8      | 7.222  | 4.1197 |
| 2009 | 6     | 5   | 7    | 2      | 31     | 0.3       | 1       | 0.77  | 93.7      | 7.222  | 4.9436 |
| 2009 | 6     | 5   | 7    | 12     | 31     | 0.3       | 1       | 0.68  | 98.3      | 7.222  | 4.3309 |
| 2009 | 6     | 5   | 7    | 22     | 31     | 0.3       | 1       | 0.67  | 100.2     | 7.222  | 4.2464 |
| 2009 | 6     | 5   | 7    | 32     | 31     | 0.3       | 1       | 0.72  | 101.4     | 7.222  | 4.521  |
| 2009 | 6     | 5   | 7    | 42     | 31     | 0.3       | 1       | 0.66  | 98.8      | 7.222  | 4.2253 |
| 2009 | 6     | 5   | 7    | 52     | 31     | 0.3       | 1       | 0.71  | 95        | 7.222  | 4.5633 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 5   | 8    | 2      | 31     | 0.3       | 1       | 0.63  | 100.7     | 7.222  | 4.014  |
| 2009 | 6     | 5   | 8    | 12     | 31     | 0.3       | 1       | 0.67  | 103.1     | 7.222  | 4.183  |
| 2009 | 6     | 5   | 8    | 22     | 31     | 0.3       | 1       | 0.63  | 92.1      | 7.222  | 4.0351 |
| 2009 | 6     | 5   | 8    | 32     | 31     | 0.3       | 1       | 0.72  | 98.1      | 7.222  | 4.6056 |
| 2009 | 6     | 5   | 8    | 42     | 31     | 0.3       | 1       | 0.72  | 94.4      | 7.222  | 4.6267 |
| 2009 | 6     | 5   | 8    | 52     | 31     | 0.3       | 1       | 0.65  | 102.8     | 7.222  | 4.0774 |
| 2009 | 6     | 5   | 9    | 2      | 31     | 0.3       | 1       | 0.69  | 92.7      | 7.222  | 4.4154 |
| 2009 | 6     | 5   | 9    | 12     | 31     | 0.3       | 1       | 0.67  | 96.2      | 7.222  | 4.2675 |
| 2009 | 6     | 5   | 9    | 22     | 31     | 0.3       | 1       | 0.68  | 96.7      | 7.222  | 4.3309 |
| 2009 | 6     | 5   | 9    | 32     | 31     | 0.3       | 1       | 0.71  | 90.5      | 7.2026 | 4.5502 |
| 2009 | 6     | 5   | 9    | 42     | 31     | 0.3       | 1       | 0.68  | 94.9      | 7.222  | 4.3943 |
| 2009 | 6     | 5   | 9    | 52     | 31     | 0.3       | 1       | 0.7   | 98.6      | 7.222  | 4.4787 |
| 2009 | 6     | 5   | 10   | 2      | 31     | 0.3       | 1       | 0.54  | 96        | 7.222  | 3.4435 |
| 2009 | 6     | 5   | 10   | 12     | 31     | 0.3       | 1       | 0.7   | 102.5     | 7.222  | 4.3942 |
| 2009 | 6     | 5   | 10   | 22     | 31     | 0.3       | 1       | 0.67  | 98.1      | 7.222  | 4.2886 |
| 2009 | 6     | 5   | 10   | 32     | 31     | 0.3       | 1       | 0.7   | 94.9      | 7.222  | 4.4787 |
| 2009 | 6     | 5   | 10   | 42     | 31     | 0.3       | 1       | 0.68  | 102.6     | 7.222  | 4.2463 |
| 2009 | 6     | 5   | 10   | 52     | 31     | 0.3       | 1       | 0.64  | 91.5      | 7.222  | 4.1406 |
| 2009 | 6     | 5   | 11   | 2      | 31     | 0.3       | 1       | 0.73  | 99.8      | 7.222  | 4.6265 |
| 2009 | 6     | 5   | 11   | 12     | 31     | 0.3       | 1       | 0.65  | 97.2      | 7.222  | 4.1829 |
| 2009 | 6     | 5   | 11   | 22     | 31     | 0.3       | 1       | 0.67  | 97.9      | 7.222  | 4.2462 |
| 2009 | 6     | 5   | 11   | 32     | 31     | 0.3       | 1       | 0.6   | 89.7      | 7.222  | 3.8871 |
| 2009 | 6     | 5   | 11   | 42     | 31     | 0.3       | 1       | 0.7   | 91.4      | 7.222  | 4.4786 |
| 2009 | 6     | 5   | 11   | 52     | 31     | 0.3       | 1       | 0.68  | 99.5      | 7.222  | 4.3096 |
| 2009 | 6     | 5   | 12   | 2      | 31     | 0.3       | 1       | 0.68  | 102.3     | 7.222  | 4.2462 |
| 2009 | 6     | 5   | 12   | 12     | 31     | 0.3       | 1       | 0.72  | 93.7      | 7.222  | 4.6053 |
| 2009 | 6     | 5   | 12   | 22     | 31     | 0.3       | 1       | 0.62  | 98.2      | 7.222  | 3.9504 |
| 2009 | 6     | 5   | 12   | 32     | 31     | 0.3       | 1       | 0.68  | 99.4      | 7.222  | 4.3306 |
| 2009 | 6     | 5   | 12   | 42     | 31     | 0.3       | 1       | 0.68  | 96.6      | 7.222  | 4.3517 |
| 2009 | 6     | 5   | 12   | 52     | 31     | 0.3       | 1       | 0.62  | 91.2      | 7.222  | 4.0137 |
| 2009 | 6     | 5   | 13   | 2      | 31     | 0.3       | 1       | 0.7   | 98.1      | 7.222  | 4.4362 |
| 2009 | 6     | 5   | 13   | 12     | 31     | 0.3       | 1       | 0.65  | 88.5      | 7.222  | 4.1616 |
| 2009 | 6     | 5   | 13   | 22     | 31     | 0.3       | 1       | 0.7   | 97.6      | 7.222  | 4.4573 |
| 2009 | 6     | 5   | 13   | 32     | 31     | 0.3       | 1       | 0.68  | 88.9      | 7.222  | 4.3516 |
| 2009 | 6     | 5   | 13   | 42     | 31     | 0.3       | 1       | 0.65  | 95.8      | 7.222  | 4.1615 |
| 2009 | 6     | 5   | 13   | 52     | 31     | 0.3       | 1       | 0.74  | 90.3      | 7.2026 | 4.7394 |
| 2009 | 6     | 5   | 14   | 2      | 31     | 0.3       | 1       | 0.72  | 90        | 7.2026 | 4.5919 |
| 2009 | 6     | 5   | 14   | 12     | 31     | 0.3       | 1       | 0.66  | 91.4      | 7.2026 | 4.2127 |
| 2009 | 6     | 5   | 14   | 22     | 31     | 0.3       | 1       | 0.73  | 85.9      | 7.2026 | 4.6761 |
| 2009 | 6     | 5   | 14   | 32     | 31     | 0.3       | 1       | 0.71  | 87.6      | 7.1833 | 4.5577 |
| 2009 | 6     | 5   | 14   | 42     | 31     | 0.3       | 1       | 0.58  | 92.9      | 7.1833 | 3.6965 |
| 2009 | 6     | 5   | 14   | 52     | 31     | 0.3       | 1       | 0.73  | 91        | 7.1639 | 4.6702 |
| 2009 | 6     | 5   | 15   | 2      | 31     | 0.3       | 1       | 0.69  | 90        | 7.1639 | 4.4188 |
| 2009 | 6     | 5   | 15   | 12     | 31     | 0.3       | 1       | 0.67  | 90.8      | 7.1639 | 4.2513 |
| 2009 | 6     | 5   | 15   | 22     | 31     | 0.3       | 1       | 0.66  | 84.9      | 7.1446 | 4.1764 |
| 2009 | 6     | 5   | 15   | 32     | 31     | 0.3       | 1       | 0.63  | 88.2      | 7.1446 | 4.0302 |
| 2009 | 6     | 5   | 15   | 42     | 31     | 0.3       | 1       | 0.68  | 85.9      | 7.1446 | 4.3434 |
| 2009 | 6     | 5   | 15   | 52     | 31     | 0.3       | 1       | 0.7   | 88.4      | 7.1446 | 4.4269 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 5   | 16   | 2      | 31     | 0.3       | 1       | 0.73  | 89.7      | 7.1446 | 4.6567 |
| 2009 | 6     | 5   | 16   | 12     | 31     | 0.3       | 1       | 0.66  | 93.7      | 7.1446 | 4.2181 |
| 2009 | 6     | 5   | 16   | 22     | 31     | 0.3       | 1       | 0.7   | 95.1      | 7.1446 | 4.4061 |
| 2009 | 6     | 5   | 16   | 32     | 31     | 0.3       | 1       | 0.71  | 86.3      | 7.1252 | 4.4766 |
| 2009 | 6     | 5   | 16   | 42     | 31     | 0.3       | 1       | 0.64  | 95.6      | 7.1252 | 4.0394 |
| 2009 | 6     | 5   | 16   | 52     | 31     | 0.3       | 1       | 0.69  | 90.3      | 7.1059 | 4.3598 |
| 2009 | 6     | 5   | 17   | 2      | 31     | 0.3       | 1       | 0.62  | 90        | 7.1252 | 3.9353 |
| 2009 | 6     | 5   | 17   | 12     | 31     | 0.3       | 1       | 0.63  | 95.7      | 7.1059 | 3.9654 |
| 2009 | 6     | 5   | 17   | 22     | 31     | 0.3       | 1       | 0.69  | 87.8      | 7.1059 | 4.3806 |
| 2009 | 6     | 5   | 17   | 32     | 31     | 0.3       | 1       | 0.7   | 93.8      | 7.1059 | 4.4014 |
| 2009 | 6     | 5   | 17   | 42     | 31     | 0.3       | 1       | 0.67  | 99.3      | 7.1059 | 4.173  |
| 2009 | 6     | 5   | 17   | 52     | 31     | 0.3       | 1       | 0.62  | 88.5      | 7.1059 | 3.9446 |
| 2009 | 6     | 5   | 18   | 2      | 31     | 0.3       | 1       | 0.73  | 92.1      | 7.1059 | 4.5882 |
| 2009 | 6     | 5   | 18   | 12     | 31     | 0.3       | 1       | 0.75  | 93        | 7.1252 | 4.7266 |
| 2009 | 6     | 5   | 18   | 22     | 31     | 0.3       | 1       | 0.68  | 96.1      | 7.1059 | 4.2976 |
| 2009 | 6     | 5   | 18   | 32     | 31     | 0.3       | 1       | 0.59  | 96        | 7.1059 | 3.737  |
| 2009 | 6     | 5   | 18   | 42     | 31     | 0.3       | 1       | 0.61  | 93.1      | 7.1059 | 3.8616 |
| 2009 | 6     | 5   | 18   | 52     | 31     | 0.3       | 1       | 0.7   | 96.5      | 7.1252 | 4.3934 |
| 2009 | 6     | 5   | 19   | 2      | 31     | 0.3       | 1       | 0.65  | 100.4     | 7.1252 | 4.0811 |
| 2009 | 6     | 5   | 19   | 12     | 31     | 0.3       | 1       | 0.68  | 96.9      | 7.1059 | 4.2976 |
| 2009 | 6     | 5   | 19   | 22     | 31     | 0.3       | 1       | 0.67  | 96.4      | 7.1252 | 4.2477 |
| 2009 | 6     | 5   | 19   | 32     | 31     | 0.3       | 1       | 0.6   | 95.3      | 7.1252 | 3.7896 |
| 2009 | 6     | 5   | 19   | 42     | 31     | 0.3       | 1       | 0.62  | 94.8      | 7.1446 | 3.9468 |
| 2009 | 6     | 5   | 19   | 52     | 31     | 0.3       | 1       | 0.68  | 93.3      | 7.1252 | 4.3102 |
| 2009 | 6     | 5   | 20   | 2      | 31     | 0.3       | 1       | 0.64  | 96.8      | 7.1446 | 4.0304 |
| 2009 | 6     | 5   | 20   | 12     | 31     | 0.3       | 1       | 0.6   | 96.3      | 7.1639 | 3.7907 |
| 2009 | 6     | 5   | 20   | 22     | 31     | 0.3       | 1       | 0.77  | 96.4      | 7.1446 | 4.8448 |
| 2009 | 6     | 5   | 20   | 32     | 31     | 0.3       | 1       | 0.66  | 91.4      | 7.1446 | 4.1766 |
| 2009 | 6     | 5   | 20   | 42     | 31     | 0.3       | 1       | 0.68  | 104       | 7.1252 | 4.1645 |
| 2009 | 6     | 5   | 20   | 52     | 31     | 0.3       | 1       | 0.64  | 96.5      | 7.1446 | 4.0304 |
| 2009 | 6     | 5   | 21   | 2      | 31     | 0.3       | 1       | 0.65  | 100.4     | 7.1446 | 4.093  |
| 2009 | 6     | 5   | 21   | 12     | 31     | 0.3       | 1       | 0.66  | 88.3      | 7.1446 | 4.1975 |
| 2009 | 6     | 5   | 21   | 22     | 31     | 0.3       | 1       | 0.61  | 100       | 7.1252 | 3.7897 |
| 2009 | 6     | 5   | 21   | 32     | 31     | 0.3       | 1       | 0.61  | 107.7     | 7.1446 | 3.6754 |
| 2009 | 6     | 5   | 21   | 42     | 31     | 0.3       | 1       | 0.64  | 99.5      | 7.1446 | 4.0095 |
| 2009 | 6     | 5   | 21   | 52     | 31     | 0.3       | 1       | 0.63  | 95.1      | 7.1446 | 3.9678 |
| 2009 | 6     | 5   | 22   | 2      | 31     | 0.3       | 1       | 0.65  | 100.5     | 7.1446 | 4.0513 |
| 2009 | 6     | 5   | 22   | 12     | 31     | 0.3       | 1       | 0.7   | 99.8      | 7.1446 | 4.3645 |
| 2009 | 6     | 5   | 22   | 22     | 31     | 0.3       | 1       | 0.69  | 95.7      | 7.1446 | 4.3646 |
| 2009 | 6     | 5   | 22   | 32     | 31     | 0.3       | 1       | 0.64  | 99.5      | 7.1446 | 3.9887 |
| 2009 | 6     | 5   | 22   | 42     | 31     | 0.3       | 1       | 0.61  | 96.8      | 7.1446 | 3.8634 |
| 2009 | 6     | 5   | 22   | 52     | 31     | 0.3       | 1       | 0.61  | 92.4      | 7.1446 | 3.9051 |
| 2009 | 6     | 5   | 23   | 2      | 31     | 0.3       | 1       | 0.66  | 97.1      | 7.1446 | 4.1975 |
| 2009 | 6     | 5   | 23   | 12     | 31     | 0.3       | 1       | 0.66  | 96.8      | 7.1252 | 4.1853 |
| 2009 | 6     | 5   | 23   | 22     | 31     | 0.3       | 1       | 0.63  | 92.7      | 7.1446 | 4.0096 |
| 2009 | 6     | 5   | 23   | 32     | 31     | 0.3       | 1       | 0.65  | 96.9      | 7.1446 | 4.1349 |
| 2009 | 6     | 5   | 23   | 42     | 31     | 0.3       | 1       | 0.61  | 98.4      | 7.1446 | 3.8216 |
| 2009 | 6     | 5   | 23   | 52     | 31     | 0.3       | 1       | 0.79  | 95.2      | 7.1446 | 5.0328 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 6   | 0    | 2      | 31     | 0.3       | 1       | 0.74  | 87.7      | 7.1639 | 4.6914 |
| 2009 | 6     | 6   | 0    | 12     | 31     | 0.3       | 1       | 0.72  | 96        | 7.1639 | 4.5867 |
| 2009 | 6     | 6   | 0    | 22     | 31     | 0.3       | 1       | 0.67  | 90.8      | 7.1639 | 4.2935 |
| 2009 | 6     | 6   | 0    | 32     | 31     | 0.3       | 1       | 0.65  | 96.9      | 7.1639 | 4.1469 |
| 2009 | 6     | 6   | 0    | 42     | 31     | 0.3       | 1       | 0.65  | 97.6      | 7.1639 | 4.105  |
| 2009 | 6     | 6   | 0    | 52     | 31     | 0.3       | 1       | 0.6   | 102       | 7.1639 | 3.7489 |
| 2009 | 6     | 6   | 1    | 2      | 31     | 0.3       | 1       | 0.61  | 99.2      | 7.1639 | 3.8746 |
| 2009 | 6     | 6   | 1    | 12     | 31     | 0.3       | 1       | 0.74  | 97.4      | 7.1639 | 4.6705 |
| 2009 | 6     | 6   | 1    | 22     | 31     | 0.3       | 1       | 0.57  | 92.9      | 7.1639 | 3.6652 |
| 2009 | 6     | 6   | 1    | 32     | 31     | 0.3       | 1       | 0.7   | 97.9      | 7.1446 | 4.3855 |
| 2009 | 6     | 6   | 1    | 42     | 31     | 0.3       | 1       | 0.69  | 96.6      | 7.1639 | 4.3563 |
| 2009 | 6     | 6   | 1    | 52     | 31     | 0.3       | 1       | 0.62  | 101.1     | 7.1639 | 3.8537 |
| 2009 | 6     | 6   | 2    | 2      | 31     | 0.3       | 1       | 0.67  | 103.6     | 7.1639 | 4.1678 |
| 2009 | 6     | 6   | 2    | 12     | 31     | 0.3       | 1       | 0.69  | 91.9      | 7.1639 | 4.3773 |
| 2009 | 6     | 6   | 2    | 22     | 31     | 0.3       | 1       | 0.7   | 99.5      | 7.1833 | 4.39   |
| 2009 | 6     | 6   | 2    | 32     | 31     | 0.3       | 1       | 0.7   | 93.7      | 7.1639 | 4.482  |
| 2009 | 6     | 6   | 2    | 42     | 31     | 0.3       | 1       | 0.72  | 98.4      | 7.1833 | 4.579  |
| 2009 | 6     | 6   | 2    | 52     | 31     | 0.3       | 1       | 0.68  | 96.3      | 7.1639 | 4.3354 |
| 2009 | 6     | 6   | 3    | 2      | 31     | 0.3       | 1       | 0.64  | 104.5     | 7.1833 | 3.9699 |
| 2009 | 6     | 6   | 3    | 12     | 31     | 0.3       | 1       | 0.65  | 101.7     | 7.1833 | 4.0539 |
| 2009 | 6     | 6   | 3    | 22     | 31     | 0.3       | 1       | 0.65  | 101.7     | 7.1833 | 4.0539 |
| 2009 | 6     | 6   | 3    | 32     | 31     | 0.3       | 1       | 0.69  | 97.4      | 7.1833 | 4.369  |
| 2009 | 6     | 6   | 3    | 42     | 31     | 0.3       | 1       | 0.71  | 94.3      | 7.1833 | 4.516  |
| 2009 | 6     | 6   | 3    | 52     | 31     | 0.3       | 1       | 0.72  | 101.8     | 7.1833 | 4.537  |
| 2009 | 6     | 6   | 4    | 2      | 31     | 0.3       | 1       | 0.69  | 99.3      | 7.1833 | 4.348  |
| 2009 | 6     | 6   | 4    | 12     | 31     | 0.3       | 1       | 0.66  | 96.9      | 7.1833 | 4.18   |
| 2009 | 6     | 6   | 4    | 22     | 31     | 0.3       | 1       | 0.68  | 100.3     | 7.1833 | 4.285  |
| 2009 | 6     | 6   | 4    | 32     | 31     | 0.3       | 1       | 0.61  | 98.1      | 7.1833 | 3.8439 |
| 2009 | 6     | 6   | 4    | 42     | 31     | 0.3       | 1       | 0.67  | 96.2      | 7.1833 | 4.264  |
| 2009 | 6     | 6   | 4    | 52     | 31     | 0.3       | 1       | 0.64  | 101.3     | 7.1833 | 3.9909 |
| 2009 | 6     | 6   | 5    | 2      | 31     | 0.3       | 1       | 0.63  | 98.4      | 7.1833 | 3.9909 |
| 2009 | 6     | 6   | 5    | 12     | 31     | 0.3       | 1       | 0.6   | 96.5      | 7.1833 | 3.8439 |
| 2009 | 6     | 6   | 5    | 22     | 31     | 0.3       | 1       | 0.67  | 99        | 7.1833 | 4.243  |
| 2009 | 6     | 6   | 5    | 32     | 31     | 0.3       | 1       | 0.64  | 93.8      | 7.1833 | 4.096  |
| 2009 | 6     | 6   | 5    | 42     | 31     | 0.3       | 1       | 0.67  | 95.9      | 7.1833 | 4.264  |
| 2009 | 6     | 6   | 5    | 52     | 31     | 0.3       | 1       | 0.71  | 95.8      | 7.1833 | 4.5371 |
| 2009 | 6     | 6   | 6    | 2      | 31     | 0.3       | 1       | 0.64  | 99.7      | 7.1833 | 4.054  |
| 2009 | 6     | 6   | 6    | 12     | 31     | 0.3       | 1       | 0.61  | 93.1      | 7.1833 | 3.9279 |
| 2009 | 6     | 6   | 6    | 22     | 31     | 0.3       | 1       | 0.75  | 104.4     | 7.1833 | 4.6631 |
| 2009 | 6     | 6   | 6    | 32     | 31     | 0.3       | 1       | 0.7   | 100.7     | 7.1833 | 4.4321 |
| 2009 | 6     | 6   | 6    | 42     | 31     | 0.3       | 1       | 0.65  | 102.6     | 7.1833 | 4.033  |
| 2009 | 6     | 6   | 6    | 52     | 31     | 0.3       | 1       | 0.65  | 98.2      | 7.1833 | 4.096  |
| 2009 | 6     | 6   | 7    | 2      | 31     | 0.3       | 1       | 0.7   | 92.7      | 7.1833 | 4.4741 |
| 2009 | 6     | 6   | 7    | 12     | 31     | 0.3       | 1       | 0.65  | 99.9      | 7.1833 | 4.096  |
| 2009 | 6     | 6   | 7    | 22     | 31     | 0.3       | 1       | 0.69  | 101.3     | 7.1833 | 4.306  |
| 2009 | 6     | 6   | 7    | 32     | 31     | 0.3       | 1       | 0.62  | 101       | 7.1833 | 3.8859 |
| 2009 | 6     | 6   | 7    | 42     | 31     | 0.3       | 1       | 0.66  | 106.5     | 7.1833 | 4.033  |
| 2009 | 6     | 6   | 7    | 52     | 31     | 0.3       | 1       | 0.65  | 96.9      | 7.1833 | 4.159  |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 6   | 8    | 2      | 31     | 0.3       | 1       | 0.65  | 93.8      | 7.1833 | 4.138  |
| 2009 | 6     | 6   | 8    | 12     | 31     | 0.3       | 1       | 0.66  | 98.8      | 7.1833 | 4.201  |
| 2009 | 6     | 6   | 8    | 22     | 31     | 0.3       | 1       | 0.63  | 100.2     | 7.1639 | 3.9585 |
| 2009 | 6     | 6   | 8    | 32     | 31     | 0.3       | 1       | 0.69  | 85.1      | 7.1639 | 4.3983 |
| 2009 | 6     | 6   | 8    | 42     | 31     | 0.3       | 1       | 0.66  | 88.9      | 7.1639 | 4.2308 |
| 2009 | 6     | 6   | 8    | 52     | 31     | 0.3       | 1       | 0.66  | 91.7      | 7.1639 | 4.1889 |
| 2009 | 6     | 6   | 9    | 2      | 31     | 0.3       | 1       | 0.7   | 90        | 7.1639 | 4.4612 |
| 2009 | 6     | 6   | 9    | 12     | 31     | 0.3       | 1       | 0.61  | 86.6      | 7.1833 | 3.9279 |
| 2009 | 6     | 6   | 9    | 22     | 31     | 0.3       | 1       | 0.66  | 87.4      | 7.1833 | 4.243  |
| 2009 | 6     | 6   | 9    | 32     | 31     | 0.3       | 1       | 0.59  | 97.7      | 7.1833 | 3.7389 |
| 2009 | 6     | 6   | 9    | 42     | 31     | 0.3       | 1       | 0.6   | 90        | 7.1833 | 3.8649 |
| 2009 | 6     | 6   | 9    | 52     | 31     | 0.3       | 1       | 0.65  | 100.5     | 7.1833 | 4.096  |
| 2009 | 6     | 6   | 10   | 2      | 31     | 0.3       | 1       | 0.56  | 91.7      | 7.1833 | 3.5708 |
| 2009 | 6     | 6   | 10   | 12     | 31     | 0.3       | 1       | 0.6   | 92.2      | 7.1833 | 3.8439 |
| 2009 | 6     | 6   | 10   | 22     | 31     | 0.3       | 1       | 0.66  | 97.2      | 7.1833 | 4.18   |
| 2009 | 6     | 6   | 10   | 32     | 31     | 0.3       | 1       | 0.69  | 100.5     | 7.1833 | 4.327  |
| 2009 | 6     | 6   | 10   | 42     | 31     | 0.3       | 1       | 0.65  | 98.5      | 7.1833 | 4.0959 |
| 2009 | 6     | 6   | 10   | 52     | 31     | 0.3       | 1       | 0.7   | 96.8      | 7.1833 | 4.432  |
| 2009 | 6     | 6   | 11   | 2      | 31     | 0.3       | 1       | 0.61  | 97.7      | 7.1833 | 3.8649 |
| 2009 | 6     | 6   | 11   | 12     | 31     | 0.3       | 1       | 0.73  | 97.5      | 7.1833 | 4.621  |
| 2009 | 6     | 6   | 11   | 22     | 31     | 0.3       | 1       | 0.62  | 100.7     | 7.1833 | 3.8858 |
| 2009 | 6     | 6   | 11   | 32     | 31     | 0.3       | 1       | 0.65  | 99.6      | 7.1833 | 4.0959 |
| 2009 | 6     | 6   | 11   | 42     | 31     | 0.3       | 1       | 0.66  | 94        | 7.1833 | 4.2009 |
| 2009 | 6     | 6   | 11   | 52     | 31     | 0.3       | 1       | 0.71  | 95.1      | 7.1639 | 4.5029 |
| 2009 | 6     | 6   | 12   | 2      | 31     | 0.3       | 1       | 0.63  | 95.1      | 7.1833 | 4.0118 |
| 2009 | 6     | 6   | 12   | 12     | 31     | 0.3       | 1       | 0.65  | 90.9      | 7.1639 | 4.1259 |
| 2009 | 6     | 6   | 12   | 22     | 31     | 0.3       | 1       | 0.69  | 99.3      | 7.1639 | 4.3353 |
| 2009 | 6     | 6   | 12   | 32     | 31     | 0.3       | 1       | 0.64  | 90        | 7.1639 | 4.084  |
| 2009 | 6     | 6   | 12   | 42     | 31     | 0.3       | 1       | 0.63  | 93        | 7.1639 | 4.0211 |
| 2009 | 6     | 6   | 12   | 52     | 31     | 0.3       | 1       | 0.62  | 91.2      | 7.1639 | 3.9792 |
| 2009 | 6     | 6   | 13   | 2      | 31     | 0.3       | 1       | 0.63  | 90.6      | 7.1446 | 4.0094 |
| 2009 | 6     | 6   | 13   | 12     | 31     | 0.3       | 1       | 0.67  | 83.8      | 7.1446 | 4.26   |
| 2009 | 6     | 6   | 13   | 22     | 31     | 0.3       | 1       | 0.7   | 88.7      | 7.1446 | 4.4479 |
| 2009 | 6     | 6   | 13   | 32     | 31     | 0.3       | 1       | 0.61  | 88.2      | 7.1252 | 3.8728 |
| 2009 | 6     | 6   | 13   | 42     | 31     | 0.3       | 1       | 0.73  | 92.1      | 7.1446 | 4.6567 |
| 2009 | 6     | 6   | 13   | 52     | 31     | 0.3       | 1       | 0.6   | 90        | 7.1252 | 3.8312 |
| 2009 | 6     | 6   | 14   | 2      | 31     | 0.3       | 1       | 0.65  | 86.5      | 7.1252 | 4.1435 |
| 2009 | 6     | 6   | 14   | 12     | 31     | 0.3       | 1       | 0.65  | 88        | 7.1252 | 4.1018 |
| 2009 | 6     | 6   | 14   | 22     | 31     | 0.3       | 1       | 0.68  | 91.1      | 7.1252 | 4.31   |
| 2009 | 6     | 6   | 14   | 32     | 31     | 0.3       | 1       | 0.62  | 89.7      | 7.1252 | 3.9144 |
| 2009 | 6     | 6   | 14   | 42     | 31     | 0.3       | 1       | 0.7   | 87.3      | 7.1252 | 4.4349 |
| 2009 | 6     | 6   | 14   | 52     | 31     | 0.3       | 1       | 0.62  | 81.1      | 7.1252 | 3.8728 |
| 2009 | 6     | 6   | 15   | 2      | 31     | 0.3       | 1       | 0.6   | 88.4      | 7.1252 | 3.8103 |
| 2009 | 6     | 6   | 15   | 12     | 31     | 0.3       | 1       | 0.58  | 84.8      | 7.1252 | 3.6854 |
| 2009 | 6     | 6   | 15   | 22     | 31     | 0.3       | 1       | 0.65  | 84.2      | 7.1252 | 4.1018 |
| 2009 | 6     | 6   | 15   | 32     | 31     | 0.3       | 1       | 0.7   | 91.6      | 7.1252 | 4.4557 |
| 2009 | 6     | 6   | 15   | 42     | 31     | 0.3       | 1       | 0.65  | 85.9      | 7.1252 | 4.1018 |
| 2009 | 6     | 6   | 15   | 52     | 31     | 0.3       | 1       | 0.6   | 86.2      | 7.1252 | 3.7686 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 6   | 16   | 2      | 31     | 0.3       | 1       | 0.66  | 82.8      | 7.1252 | 4.1434 |
| 2009 | 6     | 6   | 16   | 12     | 31     | 0.3       | 1       | 0.54  | 86.5      | 7.1252 | 3.4147 |
| 2009 | 6     | 6   | 16   | 22     | 31     | 0.3       | 1       | 0.67  | 86.9      | 7.1252 | 4.2267 |
| 2009 | 6     | 6   | 16   | 32     | 31     | 0.3       | 1       | 0.69  | 91.1      | 7.1252 | 4.3933 |
| 2009 | 6     | 6   | 16   | 42     | 31     | 0.3       | 1       | 0.68  | 88.6      | 7.1252 | 4.3309 |
| 2009 | 6     | 6   | 16   | 52     | 31     | 0.3       | 1       | 0.76  | 86.3      | 7.1252 | 4.8098 |
| 2009 | 6     | 6   | 17   | 2      | 31     | 0.3       | 1       | 0.65  | 85.9      | 7.1252 | 4.1018 |
| 2009 | 6     | 6   | 17   | 12     | 31     | 0.3       | 1       | 0.69  | 87.3      | 7.1252 | 4.3517 |
| 2009 | 6     | 6   | 17   | 22     | 31     | 0.3       | 1       | 0.72  | 93.9      | 7.1252 | 4.5391 |
| 2009 | 6     | 6   | 17   | 32     | 31     | 0.3       | 1       | 0.65  | 92        | 7.1252 | 4.1435 |
| 2009 | 6     | 6   | 17   | 42     | 31     | 0.3       | 1       | 0.65  | 90        | 7.1252 | 4.1019 |
| 2009 | 6     | 6   | 17   | 52     | 31     | 0.3       | 1       | 0.69  | 92.7      | 7.1252 | 4.3726 |
| 2009 | 6     | 6   | 18   | 2      | 31     | 0.3       | 1       | 0.66  | 90.6      | 7.1446 | 4.2182 |
| 2009 | 6     | 6   | 18   | 12     | 31     | 0.3       | 1       | 0.69  | 93.3      | 7.1446 | 4.3853 |
| 2009 | 6     | 6   | 18   | 22     | 31     | 0.3       | 1       | 0.64  | 92.7      | 7.1446 | 4.0512 |
| 2009 | 6     | 6   | 18   | 32     | 31     | 0.3       | 1       | 0.66  | 90.3      | 7.1639 | 4.2096 |
| 2009 | 6     | 6   | 18   | 42     | 31     | 0.3       | 1       | 0.66  | 86.6      | 7.1833 | 4.2427 |
| 2009 | 6     | 6   | 18   | 52     | 31     | 0.3       | 1       | 0.67  | 93.6      | 7.1639 | 4.2724 |
| 2009 | 6     | 6   | 19   | 2      | 31     | 0.3       | 1       | 0.66  | 90        | 7.1833 | 4.2218 |
| 2009 | 6     | 6   | 19   | 12     | 31     | 0.3       | 1       | 0.67  | 98.4      | 7.1833 | 4.2428 |
| 2009 | 6     | 6   | 19   | 22     | 31     | 0.3       | 1       | 0.68  | 96.1      | 7.1833 | 4.3478 |
| 2009 | 6     | 6   | 19   | 32     | 31     | 0.3       | 1       | 0.63  | 92.4      | 7.1833 | 4.0117 |
| 2009 | 6     | 6   | 19   | 42     | 31     | 0.3       | 1       | 0.63  | 93        | 7.1833 | 4.0537 |
| 2009 | 6     | 6   | 19   | 52     | 31     | 0.3       | 1       | 0.62  | 95.8      | 7.1833 | 3.9277 |
| 2009 | 6     | 6   | 20   | 2      | 31     | 0.3       | 1       | 0.72  | 97.6      | 7.1833 | 4.5368 |
| 2009 | 6     | 6   | 20   | 12     | 31     | 0.3       | 1       | 0.72  | 90.5      | 7.2026 | 4.5921 |
| 2009 | 6     | 6   | 20   | 22     | 31     | 0.3       | 1       | 0.71  | 94        | 7.2026 | 4.571  |
| 2009 | 6     | 6   | 20   | 32     | 31     | 0.3       | 1       | 0.61  | 99.4      | 7.2026 | 3.8337 |
| 2009 | 6     | 6   | 20   | 42     | 31     | 0.3       | 1       | 0.71  | 95.6      | 7.2026 | 4.5499 |
| 2009 | 6     | 6   | 20   | 52     | 31     | 0.3       | 1       | 0.7   | 98.4      | 7.2026 | 4.4446 |
| 2009 | 6     | 6   | 21   | 2      | 31     | 0.3       | 1       | 0.7   | 89.2      | 7.2026 | 4.5078 |
| 2009 | 6     | 6   | 21   | 12     | 31     | 0.3       | 1       | 0.64  | 95        | 7.2026 | 4.1076 |
| 2009 | 6     | 6   | 21   | 22     | 31     | 0.3       | 1       | 0.68  | 97        | 7.2026 | 4.3182 |
| 2009 | 6     | 6   | 21   | 32     | 31     | 0.3       | 1       | 0.63  | 95.9      | 7.2026 | 4.0444 |
| 2009 | 6     | 6   | 21   | 42     | 31     | 0.3       | 1       | 0.7   | 94.3      | 7.2026 | 4.4657 |
| 2009 | 6     | 6   | 21   | 52     | 31     | 0.3       | 1       | 0.67  | 98.7      | 7.2026 | 4.2551 |
| 2009 | 6     | 6   | 22   | 2      | 31     | 0.3       | 1       | 0.62  | 91.5      | 7.222  | 4.0138 |
| 2009 | 6     | 6   | 22   | 12     | 31     | 0.3       | 1       | 0.69  | 95.4      | 7.2026 | 4.4236 |
| 2009 | 6     | 6   | 22   | 22     | 31     | 0.3       | 1       | 0.69  | 91.4      | 7.222  | 4.4574 |
| 2009 | 6     | 6   | 22   | 32     | 31     | 0.3       | 1       | 0.66  | 96.8      | 7.222  | 4.225  |
| 2009 | 6     | 6   | 22   | 42     | 31     | 0.3       | 1       | 0.75  | 99.6      | 7.222  | 4.7321 |
| 2009 | 6     | 6   | 22   | 52     | 31     | 0.3       | 1       | 0.65  | 100.4     | 7.222  | 4.1405 |
| 2009 | 6     | 6   | 23   | 2      | 31     | 0.3       | 1       | 0.68  | 99.4      | 7.222  | 4.3518 |
| 2009 | 6     | 6   | 23   | 12     | 31     | 0.3       | 1       | 0.63  | 99.9      | 7.222  | 3.9927 |
| 2009 | 6     | 6   | 23   | 22     | 31     | 0.3       | 1       | 0.67  | 101       | 7.222  | 4.2251 |
| 2009 | 6     | 6   | 23   | 32     | 31     | 0.3       | 1       | 0.67  | 99.8      | 7.222  | 4.2673 |
| 2009 | 6     | 6   | 23   | 42     | 31     | 0.3       | 1       | 0.71  | 102       | 7.222  | 4.4574 |
| 2009 | 6     | 6   | 23   | 52     | 31     | 0.3       | 1       | 0.72  | 101.6     | 7.222  | 4.5208 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 7   | 0    | 2      | 31     | 0.3       | 1       | 0.72  | 101.8     | 7.222  | 4.5419 |
| 2009 | 6     | 7   | 0    | 12     | 31     | 0.3       | 1       | 0.67  | 98.2      | 7.222  | 4.2673 |
| 2009 | 6     | 7   | 0    | 22     | 31     | 0.3       | 1       | 0.69  | 97.6      | 7.222  | 4.4152 |
| 2009 | 6     | 7   | 0    | 32     | 31     | 0.3       | 1       | 0.71  | 100.3     | 7.222  | 4.5208 |
| 2009 | 6     | 7   | 0    | 42     | 31     | 0.3       | 1       | 0.68  | 95.3      | 7.222  | 4.3518 |
| 2009 | 6     | 7   | 0    | 52     | 31     | 0.3       | 1       | 0.73  | 93.6      | 7.222  | 4.6898 |
| 2009 | 6     | 7   | 1    | 2      | 31     | 0.3       | 1       | 0.7   | 97.2      | 7.222  | 4.4997 |
| 2009 | 6     | 7   | 1    | 12     | 31     | 0.3       | 1       | 0.57  | 94.6      | 7.2414 | 3.6652 |
| 2009 | 6     | 7   | 1    | 22     | 31     | 0.3       | 1       | 0.7   | 95.1      | 7.2414 | 4.4703 |
| 2009 | 6     | 7   | 1    | 32     | 31     | 0.3       | 1       | 0.68  | 95.5      | 7.2414 | 4.3643 |
| 2009 | 6     | 7   | 1    | 42     | 31     | 0.3       | 1       | 0.66  | 98.3      | 7.2414 | 4.1949 |
| 2009 | 6     | 7   | 1    | 52     | 31     | 0.3       | 1       | 0.68  | 102.2     | 7.2414 | 4.3008 |
| 2009 | 6     | 7   | 2    | 2      | 31     | 0.3       | 1       | 0.68  | 97.5      | 7.2414 | 4.3432 |
| 2009 | 6     | 7   | 2    | 12     | 31     | 0.3       | 1       | 0.75  | 98.5      | 7.2414 | 4.8093 |
| 2009 | 6     | 7   | 2    | 22     | 31     | 0.3       | 1       | 0.68  | 100.8     | 7.2414 | 4.322  |
| 2009 | 6     | 7   | 2    | 32     | 31     | 0.3       | 1       | 0.69  | 101.5     | 7.2414 | 4.3644 |
| 2009 | 6     | 7   | 2    | 42     | 31     | 0.3       | 1       | 0.62  | 94.2      | 7.2414 | 4.0042 |
| 2009 | 6     | 7   | 2    | 52     | 31     | 0.3       | 1       | 0.69  | 96.3      | 7.2414 | 4.4491 |
| 2009 | 6     | 7   | 3    | 2      | 31     | 0.3       | 1       | 0.71  | 100.9     | 7.2414 | 4.5127 |
| 2009 | 6     | 7   | 3    | 12     | 31     | 0.3       | 1       | 0.65  | 100.2     | 7.2414 | 4.1102 |
| 2009 | 6     | 7   | 3    | 22     | 31     | 0.3       | 1       | 0.66  | 104.5     | 7.2414 | 4.1102 |
| 2009 | 6     | 7   | 3    | 32     | 31     | 0.3       | 1       | 0.7   | 93.8      | 7.2414 | 4.5127 |
| 2009 | 6     | 7   | 3    | 42     | 31     | 0.3       | 1       | 0.72  | 93.4      | 7.2414 | 4.661  |
| 2009 | 6     | 7   | 3    | 52     | 31     | 0.3       | 1       | 0.72  | 99.7      | 7.2414 | 4.5763 |
| 2009 | 6     | 7   | 4    | 2      | 31     | 0.3       | 1       | 0.69  | 99        | 7.2414 | 4.4068 |
| 2009 | 6     | 7   | 4    | 12     | 31     | 0.3       | 1       | 0.69  | 96.5      | 7.2414 | 4.4492 |
| 2009 | 6     | 7   | 4    | 22     | 31     | 0.3       | 1       | 0.66  | 99.8      | 7.2414 | 4.1737 |
| 2009 | 6     | 7   | 4    | 32     | 31     | 0.3       | 1       | 0.6   | 94.4      | 7.2414 | 3.8348 |
| 2009 | 6     | 7   | 4    | 42     | 31     | 0.3       | 1       | 0.69  | 103.8     | 7.2414 | 4.3009 |
| 2009 | 6     | 7   | 4    | 52     | 31     | 0.3       | 1       | 0.7   | 103.8     | 7.2414 | 4.4068 |
| 2009 | 6     | 7   | 5    | 2      | 31     | 0.3       | 1       | 0.7   | 101.6     | 7.2414 | 4.4492 |
| 2009 | 6     | 7   | 5    | 12     | 31     | 0.3       | 1       | 0.69  | 88.9      | 7.2414 | 4.428  |
| 2009 | 6     | 7   | 5    | 22     | 31     | 0.3       | 1       | 0.69  | 95.2      | 7.2414 | 4.428  |
| 2009 | 6     | 7   | 5    | 32     | 31     | 0.3       | 1       | 0.67  | 98.5      | 7.2414 | 4.2585 |
| 2009 | 6     | 7   | 5    | 42     | 31     | 0.3       | 1       | 0.74  | 95.6      | 7.2414 | 4.7882 |
| 2009 | 6     | 7   | 5    | 52     | 31     | 0.3       | 1       | 0.67  | 98.1      | 7.2414 | 4.3009 |
| 2009 | 6     | 7   | 6    | 2      | 31     | 0.3       | 1       | 0.7   | 96.4      | 7.2414 | 4.5127 |
| 2009 | 6     | 7   | 6    | 12     | 31     | 0.3       | 1       | 0.7   | 95.1      | 7.2414 | 4.5127 |
| 2009 | 6     | 7   | 6    | 22     | 31     | 0.3       | 1       | 0.65  | 97        | 7.2414 | 4.1526 |
| 2009 | 6     | 7   | 6    | 32     | 31     | 0.3       | 1       | 0.69  | 94.1      | 7.2414 | 4.4704 |
| 2009 | 6     | 7   | 6    | 42     | 31     | 0.3       | 1       | 0.73  | 101.2     | 7.2414 | 4.5975 |
| 2009 | 6     | 7   | 6    | 52     | 31     | 0.3       | 1       | 0.77  | 96.2      | 7.2414 | 4.9153 |
| 2009 | 6     | 7   | 7    | 2      | 31     | 0.3       | 1       | 0.6   | 103       | 7.2414 | 3.7712 |
| 2009 | 6     | 7   | 7    | 12     | 31     | 0.3       | 1       | 0.69  | 99.3      | 7.2414 | 4.3856 |
| 2009 | 6     | 7   | 7    | 22     | 31     | 0.3       | 1       | 0.67  | 97.3      | 7.2414 | 4.3009 |
| 2009 | 6     | 7   | 7    | 32     | 31     | 0.3       | 1       | 0.62  | 92.7      | 7.2414 | 4.0255 |
| 2009 | 6     | 7   | 7    | 42     | 31     | 0.3       | 1       | 0.72  | 96.3      | 7.2414 | 4.5975 |
| 2009 | 6     | 7   | 7    | 52     | 31     | 0.3       | 1       | 0.78  | 96        | 7.2414 | 5      |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 7   | 8    | 2      | 31     | 0.3       | 1       | 0.7   | 96.8      | 7.2414 | 4.4704 |
| 2009 | 6     | 7   | 8    | 12     | 31     | 0.3       | 1       | 0.66  | 92.3      | 7.2414 | 4.2797 |
| 2009 | 6     | 7   | 8    | 22     | 31     | 0.3       | 1       | 0.7   | 99.9      | 7.2414 | 4.4704 |
| 2009 | 6     | 7   | 8    | 32     | 31     | 0.3       | 1       | 0.64  | 100.3     | 7.2414 | 4.089  |
| 2009 | 6     | 7   | 8    | 42     | 31     | 0.3       | 1       | 0.72  | 97.4      | 7.2414 | 4.5975 |
| 2009 | 6     | 7   | 8    | 52     | 31     | 0.3       | 1       | 0.65  | 99.9      | 7.2414 | 4.1102 |
| 2009 | 6     | 7   | 9    | 2      | 31     | 0.3       | 1       | 0.79  | 97.8      | 7.2414 | 5.0847 |
| 2009 | 6     | 7   | 9    | 12     | 31     | 0.3       | 1       | 0.69  | 102.6     | 7.2414 | 4.3432 |
| 2009 | 6     | 7   | 9    | 22     | 31     | 0.3       | 1       | 0.68  | 98.6      | 7.2414 | 4.322  |
| 2009 | 6     | 7   | 9    | 32     | 31     | 0.3       | 1       | 0.7   | 100.3     | 7.2414 | 4.4491 |
| 2009 | 6     | 7   | 9    | 42     | 31     | 0.3       | 1       | 0.75  | 99.3      | 7.2607 | 4.8018 |
| 2009 | 6     | 7   | 9    | 52     | 31     | 0.3       | 1       | 0.67  | 98.7      | 7.2414 | 4.2796 |
| 2009 | 6     | 7   | 10   | 2      | 31     | 0.3       | 1       | 0.66  | 105.1     | 7.2607 | 4.1006 |
| 2009 | 6     | 7   | 10   | 12     | 31     | 0.3       | 1       | 0.72  | 98.9      | 7.2607 | 4.5893 |
| 2009 | 6     | 7   | 10   | 22     | 31     | 0.3       | 1       | 0.64  | 97.7      | 7.2607 | 4.0793 |
| 2009 | 6     | 7   | 10   | 32     | 31     | 0.3       | 1       | 0.74  | 97.4      | 7.2607 | 4.738  |
| 2009 | 6     | 7   | 10   | 42     | 31     | 0.3       | 1       | 0.74  | 97.9      | 7.2607 | 4.7592 |
| 2009 | 6     | 7   | 10   | 52     | 31     | 0.3       | 1       | 0.67  | 93.9      | 7.2607 | 4.3342 |
| 2009 | 6     | 7   | 11   | 2      | 31     | 0.3       | 1       | 0.69  | 94.4      | 7.2607 | 4.4405 |
| 2009 | 6     | 7   | 11   | 12     | 31     | 0.3       | 1       | 0.7   | 99.4      | 7.2607 | 4.5042 |
| 2009 | 6     | 7   | 11   | 22     | 31     | 0.3       | 1       | 0.72  | 102.8     | 7.2414 | 4.5549 |
| 2009 | 6     | 7   | 11   | 32     | 31     | 0.3       | 1       | 0.68  | 91.4      | 7.2607 | 4.3767 |
| 2009 | 6     | 7   | 11   | 42     | 31     | 0.3       | 1       | 0.78  | 100.5     | 7.2607 | 4.9503 |
| 2009 | 6     | 7   | 11   | 52     | 31     | 0.3       | 1       | 0.67  | 95.6      | 7.2607 | 4.3129 |
| 2009 | 6     | 7   | 12   | 2      | 31     | 0.3       | 1       | 0.75  | 93.3      | 7.2607 | 4.844  |
| 2009 | 6     | 7   | 12   | 12     | 31     | 0.3       | 1       | 0.68  | 96.6      | 7.2607 | 4.3766 |
| 2009 | 6     | 7   | 12   | 22     | 31     | 0.3       | 1       | 0.7   | 90.3      | 7.2607 | 4.5253 |
| 2009 | 6     | 7   | 12   | 32     | 31     | 0.3       | 1       | 0.68  | 89.4      | 7.2607 | 4.3766 |
| 2009 | 6     | 7   | 12   | 42     | 31     | 0.3       | 1       | 0.68  | 92.2      | 7.2607 | 4.3978 |
| 2009 | 6     | 7   | 12   | 52     | 31     | 0.3       | 1       | 0.66  | 98        | 7.2414 | 4.237  |
| 2009 | 6     | 7   | 13   | 2      | 31     | 0.3       | 1       | 0.66  | 91.4      | 7.2607 | 4.2916 |
| 2009 | 6     | 7   | 13   | 12     | 31     | 0.3       | 1       | 0.66  | 84.5      | 7.2607 | 4.2278 |
| 2009 | 6     | 7   | 13   | 22     | 31     | 0.3       | 1       | 0.71  | 92.7      | 7.2607 | 4.5677 |
| 2009 | 6     | 7   | 13   | 32     | 31     | 0.3       | 1       | 0.72  | 88.4      | 7.2607 | 4.6527 |
| 2009 | 6     | 7   | 13   | 42     | 31     | 0.3       | 1       | 0.73  | 87.7      | 7.2607 | 4.7164 |
| 2009 | 6     | 7   | 13   | 52     | 31     | 0.3       | 1       | 0.65  | 86.5      | 7.2414 | 4.1945 |
| 2009 | 6     | 7   | 14   | 2      | 31     | 0.3       | 1       | 0.66  | 86.6      | 7.2607 | 4.2703 |
| 2009 | 6     | 7   | 14   | 12     | 31     | 0.3       | 1       | 0.74  | 93        | 7.2414 | 4.7877 |
| 2009 | 6     | 7   | 14   | 22     | 31     | 0.3       | 1       | 0.68  | 86.1      | 7.2414 | 4.364  |
| 2009 | 6     | 7   | 14   | 32     | 31     | 0.3       | 1       | 0.64  | 91.5      | 7.2414 | 4.1309 |
| 2009 | 6     | 7   | 14   | 42     | 31     | 0.3       | 1       | 0.73  | 91.3      | 7.2414 | 4.7029 |
| 2009 | 6     | 7   | 14   | 52     | 31     | 0.3       | 1       | 0.7   | 86.3      | 7.2414 | 4.5334 |
| 2009 | 6     | 7   | 15   | 2      | 31     | 0.3       | 1       | 0.73  | 90.5      | 7.2414 | 4.7241 |
| 2009 | 6     | 7   | 15   | 12     | 31     | 0.3       | 1       | 0.74  | 91        | 7.2414 | 4.7665 |
| 2009 | 6     | 7   | 15   | 22     | 31     | 0.3       | 1       | 0.74  | 89.7      | 7.2414 | 4.7877 |
| 2009 | 6     | 7   | 15   | 32     | 31     | 0.3       | 1       | 0.69  | 88.9      | 7.2414 | 4.4487 |
| 2009 | 6     | 7   | 15   | 42     | 31     | 0.3       | 1       | 0.7   | 87.8      | 7.2414 | 4.4911 |
| 2009 | 6     | 7   | 15   | 52     | 31     | 0.3       | 1       | 0.65  | 81.3      | 7.2414 | 4.131  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 7   | 16   | 2      | 31     | 0.3       | 1       | 0.73  | 88.2      | 7.2414 | 4.7241 |
| 2009 | 6     | 7   | 16   | 12     | 31     | 0.3       | 1       | 0.69  | 88.4      | 7.2414 | 4.4487 |
| 2009 | 6     | 7   | 16   | 22     | 31     | 0.3       | 1       | 0.72  | 89.7      | 7.2414 | 4.6394 |
| 2009 | 6     | 7   | 16   | 32     | 31     | 0.3       | 1       | 0.73  | 90.3      | 7.2414 | 4.7453 |
| 2009 | 6     | 7   | 16   | 42     | 31     | 0.3       | 1       | 0.65  | 87.4      | 7.222  | 4.2037 |
| 2009 | 6     | 7   | 16   | 52     | 31     | 0.3       | 1       | 0.71  | 89.5      | 7.2414 | 4.5547 |
| 2009 | 6     | 7   | 17   | 2      | 31     | 0.3       | 1       | 0.64  | 97.6      | 7.2414 | 4.1098 |
| 2009 | 6     | 7   | 17   | 12     | 31     | 0.3       | 1       | 0.61  | 85        | 7.2414 | 3.898  |
| 2009 | 6     | 7   | 17   | 22     | 31     | 0.3       | 1       | 0.67  | 93.4      | 7.222  | 4.2882 |
| 2009 | 6     | 7   | 17   | 32     | 31     | 0.3       | 1       | 0.69  | 89.2      | 7.2414 | 4.4276 |
| 2009 | 6     | 7   | 17   | 42     | 31     | 0.3       | 1       | 0.71  | 92.1      | 7.222  | 4.5417 |
| 2009 | 6     | 7   | 17   | 52     | 31     | 0.3       | 1       | 0.73  | 92.3      | 7.2414 | 4.6818 |
| 2009 | 6     | 7   | 18   | 2      | 31     | 0.3       | 1       | 0.72  | 96        | 7.222  | 4.6051 |
| 2009 | 6     | 7   | 18   | 12     | 31     | 0.3       | 1       | 0.67  | 86.9      | 7.2414 | 4.3005 |
| 2009 | 6     | 7   | 18   | 22     | 31     | 0.3       | 1       | 0.72  | 93.4      | 7.222  | 4.6051 |
| 2009 | 6     | 7   | 18   | 32     | 31     | 0.3       | 1       | 0.67  | 95.9      | 7.2414 | 4.3005 |
| 2009 | 6     | 7   | 18   | 42     | 31     | 0.3       | 1       | 0.63  | 100.8     | 7.222  | 3.9714 |
| 2009 | 6     | 7   | 18   | 52     | 31     | 0.3       | 1       | 0.72  | 95.5      | 7.2414 | 4.5972 |
| 2009 | 6     | 7   | 19   | 2      | 31     | 0.3       | 1       | 0.69  | 97.7      | 7.2414 | 4.4065 |
| 2009 | 6     | 7   | 19   | 12     | 31     | 0.3       | 1       | 0.64  | 88.8      | 7.2414 | 4.1523 |
| 2009 | 6     | 7   | 19   | 22     | 31     | 0.3       | 1       | 0.71  | 91.3      | 7.2414 | 4.5548 |
| 2009 | 6     | 7   | 19   | 32     | 31     | 0.3       | 1       | 0.72  | 93.7      | 7.2414 | 4.6396 |
| 2009 | 6     | 7   | 19   | 42     | 31     | 0.3       | 1       | 0.72  | 100.5     | 7.2414 | 4.576  |
| 2009 | 6     | 7   | 19   | 52     | 31     | 0.3       | 1       | 0.66  | 98        | 7.2414 | 4.1947 |
| 2009 | 6     | 7   | 20   | 2      | 31     | 0.3       | 1       | 0.73  | 99.3      | 7.222  | 4.6474 |
| 2009 | 6     | 7   | 20   | 12     | 31     | 0.3       | 1       | 0.72  | 98.1      | 7.2414 | 4.6184 |
| 2009 | 6     | 7   | 20   | 22     | 31     | 0.3       | 1       | 0.7   | 95.4      | 7.2414 | 4.4913 |
| 2009 | 6     | 7   | 20   | 32     | 31     | 0.3       | 1       | 0.66  | 97.7      | 7.2414 | 4.2159 |
| 2009 | 6     | 7   | 20   | 42     | 31     | 0.3       | 1       | 0.72  | 92.9      | 7.2414 | 4.6184 |
| 2009 | 6     | 7   | 20   | 52     | 31     | 0.3       | 1       | 0.65  | 95.2      | 7.2414 | 4.1523 |
| 2009 | 6     | 7   | 21   | 2      | 31     | 0.3       | 1       | 0.73  | 94.6      | 7.2414 | 4.7243 |
| 2009 | 6     | 7   | 21   | 12     | 31     | 0.3       | 1       | 0.69  | 98.7      | 7.2414 | 4.4277 |
| 2009 | 6     | 7   | 21   | 22     | 31     | 0.3       | 1       | 0.72  | 92.3      | 7.2414 | 4.6608 |
| 2009 | 6     | 7   | 21   | 32     | 31     | 0.3       | 1       | 0.74  | 95.3      | 7.2414 | 4.7667 |
| 2009 | 6     | 7   | 21   | 42     | 31     | 0.3       | 1       | 0.72  | 90        | 7.2414 | 4.6396 |
| 2009 | 6     | 7   | 21   | 52     | 31     | 0.3       | 1       | 0.71  | 98.3      | 7.2414 | 4.5125 |
| 2009 | 6     | 7   | 22   | 2      | 31     | 0.3       | 1       | 0.67  | 101.9     | 7.2414 | 4.2159 |
| 2009 | 6     | 7   | 22   | 12     | 31     | 0.3       | 1       | 0.62  | 103.4     | 7.2414 | 3.9193 |
| 2009 | 6     | 7   | 22   | 22     | 31     | 0.3       | 1       | 0.68  | 94.4      | 7.2414 | 4.3642 |
| 2009 | 6     | 7   | 22   | 32     | 31     | 0.3       | 1       | 0.7   | 94.8      | 7.2414 | 4.5125 |
| 2009 | 6     | 7   | 22   | 42     | 31     | 0.3       | 1       | 0.64  | 95.3      | 7.2414 | 4.0888 |
| 2009 | 6     | 7   | 22   | 52     | 31     | 0.3       | 1       | 0.61  | 94        | 7.2414 | 3.8981 |
| 2009 | 6     | 7   | 23   | 2      | 31     | 0.3       | 1       | 0.68  | 99.2      | 7.2414 | 4.3218 |
| 2009 | 6     | 7   | 23   | 12     | 31     | 0.3       | 1       | 0.69  | 94.1      | 7.2414 | 4.4278 |
| 2009 | 6     | 7   | 23   | 22     | 31     | 0.3       | 1       | 0.68  | 102.6     | 7.2414 | 4.2795 |
| 2009 | 6     | 7   | 23   | 32     | 31     | 0.3       | 1       | 0.66  | 94.3      | 7.2414 | 4.2371 |
| 2009 | 6     | 7   | 23   | 42     | 31     | 0.3       | 1       | 0.64  | 96.5      | 7.2607 | 4.1005 |
| 2009 | 6     | 7   | 23   | 52     | 31     | 0.3       | 1       | 0.79  | 95.2      | 7.2607 | 5.0991 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 8   | 0    | 2      | 31     | 0.3       | 1       | 0.62  | 95.4      | 7.2607 | 4.0155 |
| 2009 | 6     | 8   | 0    | 12     | 31     | 0.3       | 1       | 0.63  | 93.9      | 7.2607 | 4.058  |
| 2009 | 6     | 8   | 0    | 22     | 31     | 0.3       | 1       | 0.62  | 96.6      | 7.2607 | 4.0155 |
| 2009 | 6     | 8   | 0    | 32     | 31     | 0.3       | 1       | 0.67  | 95.6      | 7.2607 | 4.3342 |
| 2009 | 6     | 8   | 0    | 42     | 31     | 0.3       | 1       | 0.7   | 101.9     | 7.2607 | 4.4192 |
| 2009 | 6     | 8   | 0    | 52     | 31     | 0.3       | 1       | 0.68  | 99.8      | 7.2607 | 4.313  |
| 2009 | 6     | 8   | 1    | 2      | 31     | 0.3       | 1       | 0.69  | 96.3      | 7.2607 | 4.4405 |
| 2009 | 6     | 8   | 1    | 12     | 31     | 0.3       | 1       | 0.67  | 98.2      | 7.2607 | 4.2705 |
| 2009 | 6     | 8   | 1    | 22     | 31     | 0.3       | 1       | 0.7   | 104.4     | 7.2607 | 4.398  |
| 2009 | 6     | 8   | 1    | 32     | 31     | 0.3       | 1       | 0.73  | 101.1     | 7.2607 | 4.653  |
| 2009 | 6     | 8   | 1    | 42     | 31     | 0.3       | 1       | 0.71  | 93.7      | 7.2607 | 4.5892 |
| 2009 | 6     | 8   | 1    | 52     | 31     | 0.3       | 1       | 0.69  | 96.3      | 7.2607 | 4.4405 |
| 2009 | 6     | 8   | 2    | 2      | 31     | 0.3       | 1       | 0.67  | 92.2      | 7.2607 | 4.3343 |
| 2009 | 6     | 8   | 2    | 12     | 31     | 0.3       | 1       | 0.74  | 93.3      | 7.2607 | 4.7592 |
| 2009 | 6     | 8   | 2    | 22     | 31     | 0.3       | 1       | 0.68  | 95.6      | 7.2607 | 4.3555 |
| 2009 | 6     | 8   | 2    | 32     | 31     | 0.3       | 1       | 0.69  | 96.6      | 7.2607 | 4.4405 |
| 2009 | 6     | 8   | 2    | 42     | 31     | 0.3       | 1       | 0.73  | 93.9      | 7.2607 | 4.6955 |
| 2009 | 6     | 8   | 2    | 52     | 31     | 0.3       | 1       | 0.69  | 93.8      | 7.2607 | 4.483  |
| 2009 | 6     | 8   | 3    | 2      | 31     | 0.3       | 1       | 0.66  | 96.5      | 7.2607 | 4.2706 |
| 2009 | 6     | 8   | 3    | 12     | 31     | 0.3       | 1       | 0.68  | 93.9      | 7.2607 | 4.398  |
| 2009 | 6     | 8   | 3    | 22     | 31     | 0.3       | 1       | 0.69  | 99.3      | 7.2607 | 4.4193 |
| 2009 | 6     | 8   | 3    | 32     | 31     | 0.3       | 1       | 0.75  | 98.3      | 7.2607 | 4.8017 |
| 2009 | 6     | 8   | 3    | 42     | 31     | 0.3       | 1       | 0.68  | 99.4      | 7.2607 | 4.3768 |
| 2009 | 6     | 8   | 3    | 52     | 31     | 0.3       | 1       | 0.79  | 96.5      | 7.2607 | 5.0567 |
| 2009 | 6     | 8   | 4    | 2      | 31     | 0.3       | 1       | 0.62  | 96.1      | 7.2607 | 3.9944 |
| 2009 | 6     | 8   | 4    | 12     | 31     | 0.3       | 1       | 0.63  | 97.2      | 7.2607 | 4.0581 |
| 2009 | 6     | 8   | 4    | 22     | 31     | 0.3       | 1       | 0.65  | 100.1     | 7.2607 | 4.1644 |
| 2009 | 6     | 8   | 4    | 32     | 31     | 0.3       | 1       | 0.67  | 101.6     | 7.2607 | 4.2281 |
| 2009 | 6     | 8   | 4    | 42     | 31     | 0.3       | 1       | 0.64  | 93.2      | 7.2607 | 4.1219 |
| 2009 | 6     | 8   | 4    | 52     | 31     | 0.3       | 1       | 0.65  | 100.7     | 7.2607 | 4.1431 |
| 2009 | 6     | 8   | 5    | 2      | 31     | 0.3       | 1       | 0.75  | 91        | 7.2607 | 4.8443 |
| 2009 | 6     | 8   | 5    | 12     | 31     | 0.3       | 1       | 0.65  | 97.3      | 7.2607 | 4.1431 |
| 2009 | 6     | 8   | 5    | 22     | 31     | 0.3       | 1       | 0.69  | 103.8     | 7.2607 | 4.3131 |
| 2009 | 6     | 8   | 5    | 32     | 31     | 0.3       | 1       | 0.68  | 101.4     | 7.2607 | 4.3344 |
| 2009 | 6     | 8   | 5    | 42     | 31     | 0.3       | 1       | 0.7   | 100.3     | 7.2607 | 4.4406 |
| 2009 | 6     | 8   | 5    | 52     | 31     | 0.3       | 1       | 0.78  | 99        | 7.2607 | 4.9718 |
| 2009 | 6     | 8   | 6    | 2      | 31     | 0.3       | 1       | 0.68  | 95.5      | 7.2607 | 4.3769 |
| 2009 | 6     | 8   | 6    | 12     | 31     | 0.3       | 1       | 0.71  | 96.4      | 7.2607 | 4.5681 |
| 2009 | 6     | 8   | 6    | 22     | 31     | 0.3       | 1       | 0.67  | 98.7      | 7.2607 | 4.2919 |
| 2009 | 6     | 8   | 6    | 32     | 31     | 0.3       | 1       | 0.67  | 95.3      | 7.2607 | 4.3344 |
| 2009 | 6     | 8   | 6    | 42     | 31     | 0.3       | 1       | 0.64  | 94.4      | 7.2607 | 4.1644 |
| 2009 | 6     | 8   | 6    | 52     | 31     | 0.3       | 1       | 0.65  | 96.4      | 7.2607 | 4.1644 |
| 2009 | 6     | 8   | 7    | 2      | 31     | 0.3       | 1       | 0.77  | 98.1      | 7.2607 | 4.908  |
| 2009 | 6     | 8   | 7    | 12     | 31     | 0.3       | 1       | 0.75  | 101.8     | 7.2607 | 4.7593 |
| 2009 | 6     | 8   | 7    | 22     | 31     | 0.3       | 1       | 0.65  | 95.5      | 7.2607 | 4.1644 |
| 2009 | 6     | 8   | 7    | 32     | 31     | 0.3       | 1       | 0.67  | 93.9      | 7.2607 | 4.3556 |
| 2009 | 6     | 8   | 7    | 42     | 31     | 0.3       | 1       | 0.72  | 93.7      | 7.2607 | 4.6531 |
| 2009 | 6     | 8   | 7    | 52     | 31     | 0.3       | 1       | 0.65  | 100.5     | 7.2607 | 4.1431 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 8   | 8    | 2      | 31     | 0.3       | 1       | 0.78  | 103.6     | 7.2607 | 4.9293 |
| 2009 | 6     | 8   | 8    | 12     | 31     | 0.3       | 1       | 0.64  | 101.6     | 7.2607 | 4.0369 |
| 2009 | 6     | 8   | 8    | 22     | 31     | 0.3       | 1       | 0.7   | 98.1      | 7.2607 | 4.4618 |
| 2009 | 6     | 8   | 8    | 32     | 31     | 0.3       | 1       | 0.7   | 98.3      | 7.2607 | 4.5043 |
| 2009 | 6     | 8   | 8    | 42     | 31     | 0.3       | 1       | 0.68  | 95.3      | 7.2607 | 4.3556 |
| 2009 | 6     | 8   | 8    | 52     | 31     | 0.3       | 1       | 0.69  | 96.3      | 7.2607 | 4.4406 |
| 2009 | 6     | 8   | 9    | 2      | 31     | 0.3       | 1       | 0.77  | 101.5     | 7.2607 | 4.8867 |
| 2009 | 6     | 8   | 9    | 12     | 31     | 0.3       | 1       | 0.7   | 97        | 7.2607 | 4.5043 |
| 2009 | 6     | 8   | 9    | 22     | 31     | 0.3       | 1       | 0.77  | 92.9      | 7.2607 | 4.9504 |
| 2009 | 6     | 8   | 9    | 32     | 31     | 0.3       | 1       | 0.69  | 99.6      | 7.2607 | 4.4192 |
| 2009 | 6     | 8   | 9    | 42     | 31     | 0.3       | 1       | 0.7   | 97.3      | 7.2607 | 4.5042 |
| 2009 | 6     | 8   | 9    | 52     | 31     | 0.3       | 1       | 0.72  | 98.7      | 7.2607 | 4.5892 |
| 2009 | 6     | 8   | 10   | 2      | 31     | 0.3       | 1       | 0.76  | 94        | 7.2607 | 4.9079 |
| 2009 | 6     | 8   | 10   | 12     | 31     | 0.3       | 1       | 0.68  | 99.1      | 7.2607 | 4.3767 |
| 2009 | 6     | 8   | 10   | 22     | 31     | 0.3       | 1       | 0.71  | 95.3      | 7.2607 | 4.6104 |
| 2009 | 6     | 8   | 10   | 32     | 31     | 0.3       | 1       | 0.72  | 102.6     | 7.2607 | 4.5466 |
| 2009 | 6     | 8   | 10   | 42     | 31     | 0.3       | 1       | 0.8   | 90.9      | 7.2607 | 5.184  |
| 2009 | 6     | 8   | 10   | 52     | 31     | 0.3       | 1       | 0.64  | 97.7      | 7.2607 | 4.1005 |
| 2009 | 6     | 8   | 11   | 2      | 31     | 0.3       | 1       | 0.72  | 97        | 7.2607 | 4.6528 |
| 2009 | 6     | 8   | 11   | 12     | 31     | 0.3       | 1       | 0.62  | 98        | 7.2607 | 3.9517 |
| 2009 | 6     | 8   | 11   | 22     | 31     | 0.3       | 1       | 0.67  | 92.8      | 7.2607 | 4.3554 |
| 2009 | 6     | 8   | 11   | 32     | 31     | 0.3       | 1       | 0.68  | 92.2      | 7.2607 | 4.4191 |
| 2009 | 6     | 8   | 11   | 42     | 31     | 0.3       | 1       | 0.74  | 102       | 7.2607 | 4.6953 |
| 2009 | 6     | 8   | 11   | 52     | 31     | 0.3       | 1       | 0.65  | 92.6      | 7.2607 | 4.2066 |
| 2009 | 6     | 8   | 12   | 2      | 31     | 0.3       | 1       | 0.67  | 96.5      | 7.2607 | 4.3128 |
| 2009 | 6     | 8   | 12   | 12     | 31     | 0.3       | 1       | 0.7   | 90        | 7.2607 | 4.5252 |
| 2009 | 6     | 8   | 12   | 22     | 31     | 0.3       | 1       | 0.72  | 92.6      | 7.2607 | 4.6527 |
| 2009 | 6     | 8   | 12   | 32     | 31     | 0.3       | 1       | 0.65  | 92        | 7.2607 | 4.2065 |
| 2009 | 6     | 8   | 12   | 42     | 31     | 0.3       | 1       | 0.65  | 92        | 7.2607 | 4.2065 |
| 2009 | 6     | 8   | 12   | 52     | 31     | 0.3       | 1       | 0.63  | 83.2      | 7.2607 | 4.079  |
| 2009 | 6     | 8   | 13   | 2      | 31     | 0.3       | 1       | 0.64  | 88.8      | 7.2414 | 4.1521 |
| 2009 | 6     | 8   | 13   | 12     | 31     | 0.3       | 1       | 0.69  | 87.6      | 7.2607 | 4.4827 |
| 2009 | 6     | 8   | 13   | 22     | 31     | 0.3       | 1       | 0.72  | 93.9      | 7.2414 | 4.6393 |
| 2009 | 6     | 8   | 13   | 32     | 31     | 0.3       | 1       | 0.69  | 83.4      | 7.2607 | 4.4189 |
| 2009 | 6     | 8   | 13   | 42     | 31     | 0.3       | 1       | 0.73  | 90        | 7.2607 | 4.7163 |
| 2009 | 6     | 8   | 13   | 52     | 31     | 0.3       | 1       | 0.73  | 90.8      | 7.2607 | 4.7376 |
| 2009 | 6     | 8   | 14   | 2      | 31     | 0.3       | 1       | 0.65  | 90        | 7.2607 | 4.1852 |
| 2009 | 6     | 8   | 14   | 12     | 31     | 0.3       | 1       | 0.57  | 95.9      | 7.2414 | 3.686  |
| 2009 | 6     | 8   | 14   | 22     | 31     | 0.3       | 1       | 0.68  | 86.9      | 7.2607 | 4.3764 |
| 2009 | 6     | 8   | 14   | 32     | 31     | 0.3       | 1       | 0.7   | 90.8      | 7.2607 | 4.5463 |
| 2009 | 6     | 8   | 14   | 42     | 31     | 0.3       | 1       | 0.65  | 91.4      | 7.2607 | 4.2064 |
| 2009 | 6     | 8   | 14   | 52     | 31     | 0.3       | 1       | 0.59  | 85.2      | 7.2414 | 3.8131 |
| 2009 | 6     | 8   | 15   | 2      | 31     | 0.3       | 1       | 0.68  | 97.2      | 7.2414 | 4.3639 |
| 2009 | 6     | 8   | 15   | 12     | 31     | 0.3       | 1       | 0.67  | 91.4      | 7.2607 | 4.3339 |
| 2009 | 6     | 8   | 15   | 22     | 31     | 0.3       | 1       | 0.72  | 97.3      | 7.2414 | 4.6181 |
| 2009 | 6     | 8   | 15   | 32     | 31     | 0.3       | 1       | 0.63  | 87.6      | 7.2414 | 4.0673 |
| 2009 | 6     | 8   | 15   | 42     | 31     | 0.3       | 1       | 0.69  | 92.2      | 7.2414 | 4.4274 |
| 2009 | 6     | 8   | 15   | 52     | 31     | 0.3       | 1       | 0.67  | 91.4      | 7.2414 | 4.3003 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 8   | 16   | 2      | 31     | 0.3       | 1       | 0.69  | 91.4      | 7.222  | 4.457  |
| 2009 | 6     | 8   | 16   | 12     | 31     | 0.3       | 1       | 0.71  | 90        | 7.222  | 4.5415 |
| 2009 | 6     | 8   | 16   | 22     | 31     | 0.3       | 1       | 0.66  | 93.1      | 7.222  | 4.2458 |
| 2009 | 6     | 8   | 16   | 32     | 31     | 0.3       | 1       | 0.63  | 91.2      | 7.2414 | 4.0673 |
| 2009 | 6     | 8   | 16   | 42     | 31     | 0.3       | 1       | 0.7   | 85.4      | 7.222  | 4.4993 |
| 2009 | 6     | 8   | 16   | 52     | 31     | 0.3       | 1       | 0.69  | 96        | 7.222  | 4.3937 |
| 2009 | 6     | 8   | 17   | 2      | 31     | 0.3       | 1       | 0.74  | 94.8      | 7.2414 | 4.7664 |
| 2009 | 6     | 8   | 17   | 12     | 31     | 0.3       | 1       | 0.68  | 81.7      | 7.222  | 4.3515 |
| 2009 | 6     | 8   | 17   | 22     | 31     | 0.3       | 1       | 0.72  | 89.7      | 7.222  | 4.6261 |
| 2009 | 6     | 8   | 17   | 32     | 31     | 0.3       | 1       | 0.79  | 93.8      | 7.222  | 5.0908 |
| 2009 | 6     | 8   | 17   | 42     | 31     | 0.3       | 1       | 0.75  | 96.3      | 7.222  | 4.774  |
| 2009 | 6     | 8   | 17   | 52     | 31     | 0.3       | 1       | 0.68  | 94.4      | 7.222  | 4.3937 |
| 2009 | 6     | 8   | 18   | 2      | 31     | 0.3       | 1       | 0.62  | 99.5      | 7.222  | 3.929  |
| 2009 | 6     | 8   | 18   | 12     | 31     | 0.3       | 1       | 0.65  | 90.6      | 7.222  | 4.1825 |
| 2009 | 6     | 8   | 18   | 22     | 31     | 0.3       | 1       | 0.77  | 91        | 7.222  | 4.9641 |
| 2009 | 6     | 8   | 18   | 32     | 31     | 0.3       | 1       | 0.83  | 92.9      | 7.222  | 5.3655 |
| 2009 | 6     | 8   | 18   | 42     | 31     | 0.3       | 1       | 0.69  | 96        | 7.222  | 4.3938 |
| 2009 | 6     | 8   | 18   | 52     | 31     | 0.3       | 1       | 0.74  | 89.7      | 7.2026 | 4.7814 |
| 2009 | 6     | 8   | 19   | 2      | 31     | 0.3       | 1       | 0.67  | 92        | 7.1833 | 4.2846 |
| 2009 | 6     | 8   | 19   | 12     | 31     | 0.3       | 1       | 0.7   | 92.7      | 7.2026 | 4.4655 |
| 2009 | 6     | 8   | 19   | 22     | 31     | 0.3       | 1       | 0.65  | 88.8      | 7.2026 | 4.1916 |
| 2009 | 6     | 8   | 19   | 32     | 31     | 0.3       | 1       | 0.64  | 98.8      | 7.2026 | 4.0653 |
| 2009 | 6     | 8   | 19   | 42     | 31     | 0.3       | 1       | 0.69  | 99.1      | 7.2026 | 4.3602 |
| 2009 | 6     | 8   | 19   | 52     | 31     | 0.3       | 1       | 0.64  | 94.4      | 7.1833 | 4.0956 |
| 2009 | 6     | 8   | 20   | 2      | 31     | 0.3       | 1       | 0.68  | 94.7      | 7.2026 | 4.3812 |
| 2009 | 6     | 8   | 20   | 12     | 31     | 0.3       | 1       | 0.71  | 101.2     | 7.2026 | 4.4655 |
| 2009 | 6     | 8   | 20   | 22     | 31     | 0.3       | 1       | 0.66  | 98.3      | 7.2026 | 4.1917 |
| 2009 | 6     | 8   | 20   | 32     | 31     | 0.3       | 1       | 0.57  | 98.2      | 7.1833 | 3.6335 |
| 2009 | 6     | 8   | 20   | 42     | 31     | 0.3       | 1       | 0.7   | 103.3     | 7.1639 | 4.3351 |
| 2009 | 6     | 8   | 20   | 52     | 31     | 0.3       | 1       | 0.61  | 98        | 7.1639 | 3.8744 |
| 2009 | 6     | 8   | 21   | 2      | 31     | 0.3       | 1       | 0.72  | 101.3     | 7.1833 | 4.5157 |
| 2009 | 6     | 8   | 21   | 12     | 31     | 0.3       | 1       | 0.7   | 94.9      | 7.1833 | 4.4527 |
| 2009 | 6     | 8   | 21   | 22     | 31     | 0.3       | 1       | 0.68  | 96.4      | 7.2026 | 4.3181 |
| 2009 | 6     | 8   | 21   | 32     | 31     | 0.3       | 1       | 0.77  | 101.1     | 7.2026 | 4.8236 |
| 2009 | 6     | 8   | 21   | 42     | 31     | 0.3       | 1       | 0.67  | 93.4      | 7.2026 | 4.297  |
| 2009 | 6     | 8   | 21   | 52     | 31     | 0.3       | 1       | 0.73  | 100.4     | 7.222  | 4.6052 |
| 2009 | 6     | 8   | 22   | 2      | 31     | 0.3       | 1       | 0.71  | 92.9      | 7.222  | 4.5418 |
| 2009 | 6     | 8   | 22   | 12     | 31     | 0.3       | 1       | 0.72  | 94.2      | 7.2414 | 4.6184 |
| 2009 | 6     | 8   | 22   | 22     | 31     | 0.3       | 1       | 0.69  | 96.3      | 7.222  | 4.4362 |
| 2009 | 6     | 8   | 22   | 32     | 31     | 0.3       | 1       | 0.67  | 97        | 7.222  | 4.2883 |
| 2009 | 6     | 8   | 22   | 42     | 31     | 0.3       | 1       | 0.7   | 96.5      | 7.222  | 4.4784 |
| 2009 | 6     | 8   | 22   | 52     | 31     | 0.3       | 1       | 0.65  | 96.4      | 7.222  | 4.1404 |
| 2009 | 6     | 8   | 23   | 2      | 31     | 0.3       | 1       | 0.69  | 99        | 7.222  | 4.3939 |
| 2009 | 6     | 8   | 23   | 12     | 31     | 0.3       | 1       | 0.62  | 102.8     | 7.2414 | 3.9193 |
| 2009 | 6     | 8   | 23   | 22     | 31     | 0.3       | 1       | 0.75  | 102.9     | 7.222  | 4.7108 |
| 2009 | 6     | 8   | 23   | 32     | 31     | 0.3       | 1       | 0.69  | 92.7      | 7.2414 | 4.4489 |
| 2009 | 6     | 8   | 23   | 42     | 31     | 0.3       | 1       | 0.72  | 97.8      | 7.222  | 4.6052 |
| 2009 | 6     | 8   | 23   | 52     | 31     | 0.3       | 1       | 0.72  | 92.3      | 7.2414 | 4.6608 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 9   | 0    | 2      | 31     | 0.3       | 1       | 0.77  | 96.9      | 7.2414 | 4.9362 |
| 2009 | 6     | 9   | 0    | 12     | 31     | 0.3       | 1       | 0.74  | 90        | 7.222  | 4.7953 |
| 2009 | 6     | 9   | 0    | 22     | 31     | 0.3       | 1       | 0.69  | 94.3      | 7.222  | 4.4573 |
| 2009 | 6     | 9   | 0    | 32     | 31     | 0.3       | 1       | 0.7   | 98.7      | 7.2414 | 4.4489 |
| 2009 | 6     | 9   | 0    | 42     | 31     | 0.3       | 1       | 0.7   | 94        | 7.2414 | 4.5125 |
| 2009 | 6     | 9   | 0    | 52     | 31     | 0.3       | 1       | 0.77  | 97.3      | 7.2414 | 4.9574 |
| 2009 | 6     | 9   | 1    | 2      | 31     | 0.3       | 1       | 0.67  | 100.4     | 7.2414 | 4.2795 |
| 2009 | 6     | 9   | 1    | 12     | 31     | 0.3       | 1       | 0.68  | 97        | 7.2414 | 4.343  |
| 2009 | 6     | 9   | 1    | 22     | 31     | 0.3       | 1       | 0.74  | 95.4      | 7.2414 | 4.7455 |
| 2009 | 6     | 9   | 1    | 32     | 31     | 0.3       | 1       | 0.63  | 93.3      | 7.2414 | 4.0464 |
| 2009 | 6     | 9   | 1    | 42     | 31     | 0.3       | 1       | 0.76  | 95        | 7.2414 | 4.8727 |
| 2009 | 6     | 9   | 1    | 52     | 31     | 0.3       | 1       | 0.74  | 100.2     | 7.2414 | 4.7244 |
| 2009 | 6     | 9   | 2    | 2      | 31     | 0.3       | 1       | 0.69  | 95.8      | 7.2414 | 4.4066 |
| 2009 | 6     | 9   | 2    | 12     | 31     | 0.3       | 1       | 0.62  | 96.1      | 7.2414 | 3.9829 |
| 2009 | 6     | 9   | 2    | 22     | 31     | 0.3       | 1       | 0.73  | 91.8      | 7.2414 | 4.7032 |
| 2009 | 6     | 9   | 2    | 32     | 31     | 0.3       | 1       | 0.68  | 100       | 7.2414 | 4.3219 |
| 2009 | 6     | 9   | 2    | 42     | 31     | 0.3       | 1       | 0.69  | 101.6     | 7.2414 | 4.343  |
| 2009 | 6     | 9   | 2    | 52     | 31     | 0.3       | 1       | 0.65  | 103.1     | 7.2414 | 4.11   |
| 2009 | 6     | 9   | 3    | 2      | 31     | 0.3       | 1       | 0.7   | 97.6      | 7.2414 | 4.4702 |
| 2009 | 6     | 9   | 3    | 12     | 31     | 0.3       | 1       | 0.73  | 97.5      | 7.2414 | 4.6608 |
| 2009 | 6     | 9   | 3    | 22     | 31     | 0.3       | 1       | 0.65  | 103.8     | 7.2414 | 4.0676 |
| 2009 | 6     | 9   | 3    | 32     | 31     | 0.3       | 1       | 0.68  | 102.8     | 7.2414 | 4.2795 |
| 2009 | 6     | 9   | 3    | 42     | 31     | 0.3       | 1       | 0.67  | 93.9      | 7.2414 | 4.3007 |
| 2009 | 6     | 9   | 3    | 52     | 31     | 0.3       | 1       | 0.68  | 98.1      | 7.2414 | 4.3431 |
| 2009 | 6     | 9   | 4    | 2      | 31     | 0.3       | 1       | 0.65  | 98.5      | 7.2414 | 4.1312 |
| 2009 | 6     | 9   | 4    | 12     | 31     | 0.3       | 1       | 0.64  | 95.3      | 7.2414 | 4.11   |
| 2009 | 6     | 9   | 4    | 22     | 31     | 0.3       | 1       | 0.7   | 97        | 7.2414 | 4.4702 |
| 2009 | 6     | 9   | 4    | 32     | 31     | 0.3       | 1       | 0.71  | 98.3      | 7.2414 | 4.5126 |
| 2009 | 6     | 9   | 4    | 42     | 31     | 0.3       | 1       | 0.71  | 97.2      | 7.2414 | 4.5549 |
| 2009 | 6     | 9   | 4    | 52     | 31     | 0.3       | 1       | 0.72  | 96.1      | 7.2414 | 4.5973 |
| 2009 | 6     | 9   | 5    | 2      | 31     | 0.3       | 1       | 0.68  | 96.1      | 7.2414 | 4.3431 |
| 2009 | 6     | 9   | 5    | 12     | 31     | 0.3       | 1       | 0.73  | 93.4      | 7.2414 | 4.7033 |
| 2009 | 6     | 9   | 5    | 22     | 31     | 0.3       | 1       | 0.7   | 93.8      | 7.2414 | 4.4914 |
| 2009 | 6     | 9   | 5    | 32     | 31     | 0.3       | 1       | 0.59  | 98        | 7.2414 | 3.7711 |
| 2009 | 6     | 9   | 5    | 42     | 31     | 0.3       | 1       | 0.64  | 95.6      | 7.2414 | 4.1312 |
| 2009 | 6     | 9   | 5    | 52     | 31     | 0.3       | 1       | 0.69  | 99        | 7.2414 | 4.4279 |
| 2009 | 6     | 9   | 6    | 2      | 31     | 0.3       | 1       | 0.68  | 97.2      | 7.2414 | 4.3855 |
| 2009 | 6     | 9   | 6    | 12     | 31     | 0.3       | 1       | 0.68  | 98        | 7.2607 | 4.3768 |
| 2009 | 6     | 9   | 6    | 22     | 31     | 0.3       | 1       | 0.67  | 95.9      | 7.2414 | 4.2796 |
| 2009 | 6     | 9   | 6    | 32     | 31     | 0.3       | 1       | 0.7   | 94.6      | 7.2414 | 4.4914 |
| 2009 | 6     | 9   | 6    | 42     | 31     | 0.3       | 1       | 0.67  | 100.4     | 7.2414 | 4.2584 |
| 2009 | 6     | 9   | 6    | 52     | 31     | 0.3       | 1       | 0.79  | 105.4     | 7.2414 | 4.9151 |
| 2009 | 6     | 9   | 7    | 2      | 31     | 0.3       | 1       | 0.59  | 99.9      | 7.2414 | 3.7499 |
| 2009 | 6     | 9   | 7    | 12     | 31     | 0.3       | 1       | 0.66  | 100.9     | 7.2414 | 4.1736 |
| 2009 | 6     | 9   | 7    | 22     | 31     | 0.3       | 1       | 0.66  | 92.6      | 7.2414 | 4.2372 |
| 2009 | 6     | 9   | 7    | 32     | 31     | 0.3       | 1       | 0.71  | 95.6      | 7.2414 | 4.5762 |
| 2009 | 6     | 9   | 7    | 42     | 31     | 0.3       | 1       | 0.63  | 94.5      | 7.2414 | 4.0677 |
| 2009 | 6     | 9   | 7    | 52     | 31     | 0.3       | 1       | 0.69  | 100.7     | 7.2414 | 4.3855 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 9   | 8    | 2      | 31     | 0.3       | 1       | 0.71  | 96.3      | 7.2414 | 4.5761 |
| 2009 | 6     | 9   | 8    | 12     | 31     | 0.3       | 1       | 0.77  | 103       | 7.2414 | 4.8727 |
| 2009 | 6     | 9   | 8    | 22     | 31     | 0.3       | 1       | 0.76  | 102.5     | 7.2414 | 4.7668 |
| 2009 | 6     | 9   | 8    | 32     | 31     | 0.3       | 1       | 0.69  | 103.7     | 7.2414 | 4.3431 |
| 2009 | 6     | 9   | 8    | 42     | 31     | 0.3       | 1       | 0.71  | 96.9      | 7.2414 | 4.5761 |
| 2009 | 6     | 9   | 8    | 52     | 31     | 0.3       | 1       | 0.73  | 96.2      | 7.2414 | 4.6821 |
| 2009 | 6     | 9   | 9    | 2      | 31     | 0.3       | 1       | 0.73  | 92.8      | 7.2414 | 4.682  |
| 2009 | 6     | 9   | 9    | 12     | 31     | 0.3       | 1       | 0.68  | 98.3      | 7.2414 | 4.3431 |
| 2009 | 6     | 9   | 9    | 22     | 31     | 0.3       | 1       | 0.67  | 97.9      | 7.2607 | 4.2705 |
| 2009 | 6     | 9   | 9    | 32     | 31     | 0.3       | 1       | 0.72  | 101.6     | 7.2414 | 4.5337 |
| 2009 | 6     | 9   | 9    | 42     | 31     | 0.3       | 1       | 0.69  | 94.1      | 7.2607 | 4.4404 |
| 2009 | 6     | 9   | 9    | 52     | 31     | 0.3       | 1       | 0.69  | 103.1     | 7.2414 | 4.3642 |
| 2009 | 6     | 9   | 10   | 2      | 31     | 0.3       | 1       | 0.72  | 99.2      | 7.2414 | 4.5972 |
| 2009 | 6     | 9   | 10   | 12     | 31     | 0.3       | 1       | 0.68  | 92.5      | 7.2414 | 4.3853 |
| 2009 | 6     | 9   | 10   | 22     | 31     | 0.3       | 1       | 0.75  | 95.8      | 7.2414 | 4.7879 |
| 2009 | 6     | 9   | 10   | 32     | 31     | 0.3       | 1       | 0.76  | 96.4      | 7.2607 | 4.8865 |
| 2009 | 6     | 9   | 10   | 42     | 31     | 0.3       | 1       | 0.71  | 99.3      | 7.2414 | 4.5336 |
| 2009 | 6     | 9   | 10   | 52     | 31     | 0.3       | 1       | 0.66  | 100       | 7.2414 | 4.1946 |
| 2009 | 6     | 9   | 11   | 2      | 31     | 0.3       | 1       | 0.75  | 96        | 7.2414 | 4.809  |
| 2009 | 6     | 9   | 11   | 12     | 31     | 0.3       | 1       | 0.67  | 92.5      | 7.2414 | 4.3217 |
| 2009 | 6     | 9   | 11   | 22     | 31     | 0.3       | 1       | 0.65  | 99.3      | 7.2414 | 4.1522 |
| 2009 | 6     | 9   | 11   | 32     | 31     | 0.3       | 1       | 0.73  | 93.1      | 7.2414 | 4.7242 |
| 2009 | 6     | 9   | 11   | 42     | 31     | 0.3       | 1       | 0.63  | 97.8      | 7.2414 | 4.0251 |
| 2009 | 6     | 9   | 11   | 52     | 31     | 0.3       | 1       | 0.73  | 101.9     | 7.2414 | 4.6394 |
| 2009 | 6     | 9   | 12   | 2      | 31     | 0.3       | 1       | 0.55  | 97.8      | 7.2414 | 3.5378 |
| 2009 | 6     | 9   | 12   | 12     | 31     | 0.3       | 1       | 0.63  | 95.4      | 7.2414 | 4.0251 |
| 2009 | 6     | 9   | 12   | 22     | 31     | 0.3       | 1       | 0.66  | 96.8      | 7.2414 | 4.2369 |
| 2009 | 6     | 9   | 12   | 32     | 31     | 0.3       | 1       | 0.63  | 95.4      | 7.222  | 4.0557 |
| 2009 | 6     | 9   | 12   | 42     | 31     | 0.3       | 1       | 0.68  | 107       | 7.222  | 4.2036 |
| 2009 | 6     | 9   | 12   | 52     | 31     | 0.3       | 1       | 0.58  | 90.6      | 7.222  | 3.76   |
| 2009 | 6     | 9   | 13   | 2      | 31     | 0.3       | 1       | 0.6   | 90.3      | 7.222  | 3.8445 |
| 2009 | 6     | 9   | 13   | 12     | 31     | 0.3       | 1       | 0.67  | 91.1      | 7.222  | 4.2881 |
| 2009 | 6     | 9   | 13   | 22     | 31     | 0.3       | 1       | 0.63  | 94.5      | 7.222  | 4.0557 |
| 2009 | 6     | 9   | 13   | 32     | 31     | 0.3       | 1       | 0.73  | 88.4      | 7.222  | 4.6683 |
| 2009 | 6     | 9   | 13   | 42     | 31     | 0.3       | 1       | 0.65  | 94.6      | 7.2026 | 4.1915 |
| 2009 | 6     | 9   | 13   | 52     | 31     | 0.3       | 1       | 0.73  | 85.6      | 7.222  | 4.6894 |
| 2009 | 6     | 9   | 14   | 2      | 31     | 0.3       | 1       | 0.6   | 92.5      | 7.2026 | 3.8755 |
| 2009 | 6     | 9   | 14   | 12     | 31     | 0.3       | 1       | 0.63  | 96        | 7.1833 | 4.0114 |
| 2009 | 6     | 9   | 14   | 22     | 31     | 0.3       | 1       | 0.63  | 90        | 7.1833 | 4.0324 |
| 2009 | 6     | 9   | 14   | 32     | 31     | 0.3       | 1       | 0.7   | 94.8      | 7.1833 | 4.4734 |
| 2009 | 6     | 9   | 14   | 42     | 31     | 0.3       | 1       | 0.63  | 87.3      | 7.2026 | 4.044  |
| 2009 | 6     | 9   | 14   | 52     | 31     | 0.3       | 1       | 0.67  | 87.2      | 7.1833 | 4.3054 |
| 2009 | 6     | 9   | 15   | 2      | 31     | 0.3       | 1       | 0.64  | 91.5      | 7.2026 | 4.0862 |
| 2009 | 6     | 9   | 15   | 12     | 31     | 0.3       | 1       | 0.61  | 90        | 7.2026 | 3.9387 |
| 2009 | 6     | 9   | 15   | 22     | 31     | 0.3       | 1       | 0.64  | 90.6      | 7.1833 | 4.0954 |
| 2009 | 6     | 9   | 15   | 32     | 31     | 0.3       | 1       | 0.63  | 89.7      | 7.1833 | 4.0114 |
| 2009 | 6     | 9   | 15   | 42     | 31     | 0.3       | 1       | 0.67  | 86.9      | 7.1833 | 4.2844 |
| 2009 | 6     | 9   | 15   | 52     | 31     | 0.3       | 1       | 0.71  | 94.2      | 7.1833 | 4.5575 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 9   | 16   | 2      | 31     | 0.3       | 1       | 0.69  | 98.5      | 7.2026 | 4.36   |
| 2009 | 6     | 9   | 16   | 12     | 31     | 0.3       | 1       | 0.65  | 92.3      | 7.222  | 4.2036 |
| 2009 | 6     | 9   | 16   | 22     | 31     | 0.3       | 1       | 0.59  | 90.9      | 7.2026 | 3.8124 |
| 2009 | 6     | 9   | 16   | 32     | 31     | 0.3       | 1       | 0.63  | 94.8      | 7.2026 | 4.0441 |
| 2009 | 6     | 9   | 16   | 42     | 31     | 0.3       | 1       | 0.6   | 90.3      | 7.222  | 3.8445 |
| 2009 | 6     | 9   | 16   | 52     | 31     | 0.3       | 1       | 0.66  | 92.8      | 7.222  | 4.267  |
| 2009 | 6     | 9   | 17   | 2      | 31     | 0.3       | 1       | 0.7   | 96.8      | 7.222  | 4.4571 |
| 2009 | 6     | 9   | 17   | 12     | 31     | 0.3       | 1       | 0.68  | 95.5      | 7.2414 | 4.364  |
| 2009 | 6     | 9   | 17   | 22     | 31     | 0.3       | 1       | 0.59  | 101.6     | 7.2414 | 3.7285 |
| 2009 | 6     | 9   | 17   | 32     | 31     | 0.3       | 1       | 0.71  | 96.9      | 7.2414 | 4.5335 |
| 2009 | 6     | 9   | 17   | 42     | 31     | 0.3       | 1       | 0.6   | 92.8      | 7.2414 | 3.8768 |
| 2009 | 6     | 9   | 17   | 52     | 31     | 0.3       | 1       | 0.68  | 94.4      | 7.2414 | 4.4064 |
| 2009 | 6     | 9   | 18   | 2      | 31     | 0.3       | 1       | 0.71  | 91.9      | 7.2414 | 4.5759 |
| 2009 | 6     | 9   | 18   | 12     | 31     | 0.3       | 1       | 0.67  | 93.4      | 7.2414 | 4.3005 |
| 2009 | 6     | 9   | 18   | 22     | 31     | 0.3       | 1       | 0.71  | 98.2      | 7.2414 | 4.5547 |
| 2009 | 6     | 9   | 18   | 32     | 31     | 0.3       | 1       | 0.67  | 104.2     | 7.2414 | 4.1946 |
| 2009 | 6     | 9   | 18   | 42     | 31     | 0.3       | 1       | 0.7   | 95.1      | 7.2414 | 4.5335 |
| 2009 | 6     | 9   | 18   | 52     | 31     | 0.3       | 1       | 0.69  | 97.4      | 7.2414 | 4.4276 |
| 2009 | 6     | 9   | 19   | 2      | 31     | 0.3       | 1       | 0.76  | 97.2      | 7.2414 | 4.8937 |
| 2009 | 6     | 9   | 19   | 12     | 31     | 0.3       | 1       | 0.65  | 103.8     | 7.2414 | 4.0675 |
| 2009 | 6     | 9   | 19   | 22     | 31     | 0.3       | 1       | 0.76  | 99.4      | 7.2607 | 4.8864 |
| 2009 | 6     | 9   | 19   | 32     | 31     | 0.3       | 1       | 0.73  | 95.5      | 7.2607 | 4.674  |
| 2009 | 6     | 9   | 19   | 42     | 31     | 0.3       | 1       | 0.61  | 101.2     | 7.2607 | 3.8454 |
| 2009 | 6     | 9   | 19   | 52     | 31     | 0.3       | 1       | 0.67  | 99        | 7.2607 | 4.2703 |
| 2009 | 6     | 9   | 20   | 2      | 31     | 0.3       | 1       | 0.65  | 95.2      | 7.2607 | 4.1854 |
| 2009 | 6     | 9   | 20   | 12     | 31     | 0.3       | 1       | 0.79  | 96.4      | 7.2607 | 5.0777 |
| 2009 | 6     | 9   | 20   | 22     | 31     | 0.3       | 1       | 0.58  | 100.8     | 7.2607 | 3.6755 |
| 2009 | 6     | 9   | 20   | 32     | 31     | 0.3       | 1       | 0.73  | 94.9      | 7.2607 | 4.6953 |
| 2009 | 6     | 9   | 20   | 42     | 31     | 0.3       | 1       | 0.67  | 97.6      | 7.2607 | 4.2916 |
| 2009 | 6     | 9   | 20   | 52     | 31     | 0.3       | 1       | 0.68  | 93.3      | 7.2607 | 4.3766 |
| 2009 | 6     | 9   | 21   | 2      | 31     | 0.3       | 1       | 0.68  | 92.5      | 7.2801 | 4.3891 |
| 2009 | 6     | 9   | 21   | 12     | 31     | 0.3       | 1       | 0.74  | 99.2      | 7.2801 | 4.7513 |
| 2009 | 6     | 9   | 21   | 22     | 31     | 0.3       | 1       | 0.73  | 98.3      | 7.2801 | 4.6661 |
| 2009 | 6     | 9   | 21   | 32     | 31     | 0.3       | 1       | 0.76  | 90.7      | 7.2801 | 4.9644 |
| 2009 | 6     | 9   | 21   | 42     | 31     | 0.3       | 1       | 0.72  | 96.5      | 7.2801 | 4.6661 |
| 2009 | 6     | 9   | 21   | 52     | 31     | 0.3       | 1       | 0.68  | 95.3      | 7.2801 | 4.3891 |
| 2009 | 6     | 9   | 22   | 2      | 31     | 0.3       | 1       | 0.71  | 96.3      | 7.2801 | 4.6022 |
| 2009 | 6     | 9   | 22   | 12     | 31     | 0.3       | 1       | 0.79  | 94.1      | 7.2801 | 5.0922 |
| 2009 | 6     | 9   | 22   | 22     | 31     | 0.3       | 1       | 0.63  | 97.5      | 7.2994 | 4.0597 |
| 2009 | 6     | 9   | 22   | 32     | 31     | 0.3       | 1       | 0.73  | 95.7      | 7.2994 | 4.7221 |
| 2009 | 6     | 9   | 22   | 42     | 31     | 0.3       | 1       | 0.74  | 93.1      | 7.2801 | 4.7726 |
| 2009 | 6     | 9   | 22   | 52     | 31     | 0.3       | 1       | 0.76  | 94.7      | 7.2994 | 4.9358 |
| 2009 | 6     | 9   | 23   | 2      | 31     | 0.3       | 1       | 0.76  | 94.7      | 7.2994 | 4.9358 |
| 2009 | 6     | 9   | 23   | 12     | 31     | 0.3       | 1       | 0.71  | 101.7     | 7.2994 | 4.5298 |
| 2009 | 6     | 9   | 23   | 22     | 31     | 0.3       | 1       | 0.73  | 98.8      | 7.2994 | 4.6794 |
| 2009 | 6     | 9   | 23   | 32     | 31     | 0.3       | 1       | 0.74  | 94.6      | 7.2994 | 4.8289 |
| 2009 | 6     | 9   | 23   | 42     | 31     | 0.3       | 1       | 0.69  | 94.1      | 7.2994 | 4.4657 |
| 2009 | 6     | 9   | 23   | 52     | 31     | 0.3       | 1       | 0.74  | 93.8      | 7.2994 | 4.829  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 10  | 0    | 2      | 31     | 0.3       | 1       | 0.75  | 98.1      | 7.2994 | 4.8076 |
| 2009 | 6     | 10  | 0    | 12     | 31     | 0.3       | 1       | 0.73  | 96        | 7.2994 | 4.7008 |
| 2009 | 6     | 10  | 0    | 22     | 31     | 0.3       | 1       | 0.7   | 98.9      | 7.2994 | 4.4871 |
| 2009 | 6     | 10  | 0    | 32     | 31     | 0.3       | 1       | 0.68  | 102.8     | 7.3188 | 4.3498 |
| 2009 | 6     | 10  | 0    | 42     | 31     | 0.3       | 1       | 0.64  | 91.8      | 7.2994 | 4.188  |
| 2009 | 6     | 10  | 0    | 52     | 31     | 0.3       | 1       | 0.73  | 93.9      | 7.3188 | 4.757  |
| 2009 | 6     | 10  | 1    | 2      | 31     | 0.3       | 1       | 0.69  | 96.3      | 7.3188 | 4.4998 |
| 2009 | 6     | 10  | 1    | 12     | 31     | 0.3       | 1       | 0.78  | 93.8      | 7.3188 | 5.0998 |
| 2009 | 6     | 10  | 1    | 22     | 31     | 0.3       | 1       | 0.74  | 96.1      | 7.3188 | 4.7998 |
| 2009 | 6     | 10  | 1    | 32     | 31     | 0.3       | 1       | 0.75  | 93.7      | 7.3188 | 4.907  |
| 2009 | 6     | 10  | 1    | 42     | 31     | 0.3       | 1       | 0.72  | 98.4      | 7.3188 | 4.6498 |
| 2009 | 6     | 10  | 1    | 52     | 31     | 0.3       | 1       | 0.66  | 96        | 7.3188 | 4.2856 |
| 2009 | 6     | 10  | 2    | 2      | 31     | 0.3       | 1       | 0.73  | 99.6      | 7.3188 | 4.6927 |
| 2009 | 6     | 10  | 2    | 12     | 31     | 0.3       | 1       | 0.66  | 97.4      | 7.3381 | 4.2977 |
| 2009 | 6     | 10  | 2    | 22     | 31     | 0.3       | 1       | 0.75  | 97.6      | 7.3381 | 4.8564 |
| 2009 | 6     | 10  | 2    | 32     | 31     | 0.3       | 1       | 0.75  | 100.1     | 7.3381 | 4.8349 |
| 2009 | 6     | 10  | 2    | 42     | 31     | 0.3       | 1       | 0.65  | 101.7     | 7.3381 | 4.1688 |
| 2009 | 6     | 10  | 2    | 52     | 31     | 0.3       | 1       | 0.67  | 93.9      | 7.3381 | 4.3837 |
| 2009 | 6     | 10  | 3    | 2      | 31     | 0.3       | 1       | 0.74  | 97.6      | 7.3381 | 4.8135 |
| 2009 | 6     | 10  | 3    | 12     | 31     | 0.3       | 1       | 0.7   | 100.5     | 7.3575 | 4.5469 |
| 2009 | 6     | 10  | 3    | 22     | 31     | 0.3       | 1       | 0.84  | 96.5      | 7.3575 | 5.4735 |
| 2009 | 6     | 10  | 3    | 32     | 31     | 0.3       | 1       | 0.77  | 98.4      | 7.3575 | 4.9779 |
| 2009 | 6     | 10  | 3    | 42     | 31     | 0.3       | 1       | 0.78  | 97.7      | 7.3769 | 5.1216 |
| 2009 | 6     | 10  | 3    | 52     | 31     | 0.3       | 1       | 0.79  | 102.5     | 7.3575 | 5.0641 |
| 2009 | 6     | 10  | 4    | 2      | 31     | 0.3       | 1       | 0.8   | 102       | 7.3769 | 5.1648 |
| 2009 | 6     | 10  | 4    | 12     | 31     | 0.3       | 1       | 0.74  | 98.6      | 7.3769 | 4.8407 |
| 2009 | 6     | 10  | 4    | 22     | 31     | 0.3       | 1       | 0.74  | 99.5      | 7.3769 | 4.7974 |
| 2009 | 6     | 10  | 4    | 32     | 31     | 0.3       | 1       | 0.72  | 97.8      | 7.3769 | 4.711  |
| 2009 | 6     | 10  | 4    | 42     | 31     | 0.3       | 1       | 0.79  | 96.2      | 7.3962 | 5.1793 |
| 2009 | 6     | 10  | 4    | 52     | 31     | 0.3       | 1       | 0.78  | 100.2     | 7.4156 | 5.0634 |
| 2009 | 6     | 10  | 5    | 2      | 31     | 0.3       | 1       | 0.78  | 92.6      | 7.4156 | 5.1938 |
| 2009 | 6     | 10  | 5    | 12     | 31     | 0.3       | 1       | 0.75  | 100.9     | 7.4156 | 4.8679 |
| 2009 | 6     | 10  | 5    | 22     | 31     | 0.3       | 1       | 0.79  | 95.7      | 7.4156 | 5.2156 |
| 2009 | 6     | 10  | 5    | 32     | 31     | 0.3       | 1       | 0.78  | 103.4     | 7.4156 | 5.02   |
| 2009 | 6     | 10  | 5    | 42     | 31     | 0.3       | 1       | 0.71  | 96.3      | 7.4156 | 4.694  |
| 2009 | 6     | 10  | 5    | 52     | 31     | 0.3       | 1       | 0.82  | 100.4     | 7.4349 | 5.3391 |
| 2009 | 6     | 10  | 6    | 2      | 31     | 0.3       | 1       | 0.69  | 96        | 7.4349 | 4.5328 |
| 2009 | 6     | 10  | 6    | 12     | 31     | 0.3       | 1       | 0.79  | 97.9      | 7.4349 | 5.1648 |
| 2009 | 6     | 10  | 6    | 22     | 31     | 0.3       | 1       | 0.85  | 93.1      | 7.4349 | 5.6224 |
| 2009 | 6     | 10  | 6    | 32     | 31     | 0.3       | 1       | 0.8   | 99.5      | 7.4349 | 5.2302 |
| 2009 | 6     | 10  | 6    | 42     | 31     | 0.3       | 1       | 0.84  | 94.9      | 7.4349 | 5.557  |
| 2009 | 6     | 10  | 6    | 52     | 31     | 0.3       | 1       | 0.78  | 99.5      | 7.4543 | 5.1136 |
| 2009 | 6     | 10  | 7    | 2      | 31     | 0.3       | 1       | 0.85  | 100.4     | 7.4543 | 5.5944 |
| 2009 | 6     | 10  | 7    | 12     | 31     | 0.3       | 1       | 0.78  | 103.4     | 7.4543 | 5.048  |
| 2009 | 6     | 10  | 7    | 22     | 31     | 0.3       | 1       | 0.77  | 98.9      | 7.4543 | 5.048  |
| 2009 | 6     | 10  | 7    | 32     | 31     | 0.3       | 1       | 0.8   | 99        | 7.4543 | 5.2447 |
| 2009 | 6     | 10  | 7    | 42     | 31     | 0.3       | 1       | 0.8   | 99.5      | 7.4543 | 5.2447 |
| 2009 | 6     | 10  | 7    | 52     | 31     | 0.3       | 1       | 0.85  | 96.7      | 7.4736 | 5.6099 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 10  | 8    | 2      | 31     | 0.3       | 1       | 0.71  | 92.7      | 7.4736 | 4.7334 |
| 2009 | 6     | 10  | 8    | 12     | 31     | 0.3       | 1       | 0.82  | 100.8     | 7.4736 | 5.3908 |
| 2009 | 6     | 10  | 8    | 22     | 31     | 0.3       | 1       | 0.81  | 95.1      | 7.4736 | 5.3908 |
| 2009 | 6     | 10  | 8    | 32     | 31     | 0.3       | 1       | 0.81  | 97        | 7.4736 | 5.3908 |
| 2009 | 6     | 10  | 8    | 42     | 31     | 0.3       | 1       | 0.8   | 97.8      | 7.4736 | 5.2812 |
| 2009 | 6     | 10  | 8    | 52     | 31     | 0.3       | 1       | 0.93  | 100.2     | 7.4736 | 6.092  |
| 2009 | 6     | 10  | 9    | 2      | 31     | 0.3       | 1       | 0.82  | 100.5     | 7.4736 | 5.4127 |
| 2009 | 6     | 10  | 9    | 12     | 31     | 0.3       | 1       | 0.74  | 99.5      | 7.4736 | 4.8648 |
| 2009 | 6     | 10  | 9    | 22     | 31     | 0.3       | 1       | 0.85  | 102.3     | 7.493  | 5.5595 |
| 2009 | 6     | 10  | 9    | 32     | 31     | 0.3       | 1       | 0.93  | 96.9      | 7.493  | 6.1528 |
| 2009 | 6     | 10  | 9    | 42     | 31     | 0.3       | 1       | 0.89  | 98.9      | 7.493  | 5.8891 |
| 2009 | 6     | 10  | 9    | 52     | 31     | 0.3       | 1       | 0.85  | 90.4      | 7.493  | 5.7133 |
| 2009 | 6     | 10  | 10   | 2      | 31     | 0.3       | 1       | 0.88  | 96.2      | 7.493  | 5.8671 |
| 2009 | 6     | 10  | 10   | 12     | 31     | 0.3       | 1       | 0.89  | 97.8      | 7.493  | 5.911  |
| 2009 | 6     | 10  | 10   | 22     | 31     | 0.3       | 1       | 0.81  | 102.5     | 7.493  | 5.2738 |
| 2009 | 6     | 10  | 10   | 32     | 31     | 0.3       | 1       | 0.83  | 98.2      | 7.493  | 5.5155 |
| 2009 | 6     | 10  | 10   | 42     | 31     | 0.3       | 1       | 0.82  | 96.2      | 7.493  | 5.4715 |
| 2009 | 6     | 10  | 10   | 56     | 26     | 0.3       | 1       | 0.74  | 98.6      | 7.5124 | 4.9358 |
| 2009 | 6     | 10  | 11   | 6      | 26     | 0.3       | 1       | 0.77  | 100.3     | 7.5124 | 5.112  |
| 2009 | 6     | 10  | 11   | 16     | 26     | 0.3       | 1       | 0.82  | 93.2      | 7.5124 | 5.5087 |
| 2009 | 6     | 10  | 11   | 26     | 26     | 0.3       | 1       | 0.81  | 93.2      | 7.5124 | 5.4425 |
| 2009 | 6     | 10  | 11   | 36     | 26     | 0.3       | 1       | 0.83  | 96.6      | 7.5124 | 5.5086 |
| 2009 | 6     | 10  | 11   | 46     | 26     | 0.3       | 1       | 0.79  | 97.6      | 7.5124 | 5.2883 |
| 2009 | 6     | 10  | 11   | 56     | 26     | 0.3       | 1       | 0.81  | 99.3      | 7.5124 | 5.3984 |
| 2009 | 6     | 10  | 12   | 6      | 26     | 0.3       | 1       | 0.8   | 97.6      | 7.5124 | 5.3103 |
| 2009 | 6     | 10  | 12   | 16     | 26     | 0.3       | 1       | 0.87  | 93.7      | 7.5124 | 5.8171 |
| 2009 | 6     | 10  | 12   | 26     | 26     | 0.3       | 1       | 0.86  | 92        | 7.5124 | 5.7509 |
| 2009 | 6     | 10  | 12   | 36     | 26     | 0.3       | 1       | 0.85  | 96.9      | 7.5124 | 5.6628 |
| 2009 | 6     | 10  | 12   | 46     | 26     | 0.3       | 1       | 0.81  | 93.7      | 7.5124 | 5.3984 |
| 2009 | 6     | 10  | 12   | 56     | 26     | 0.3       | 1       | 0.77  | 91.2      | 7.5124 | 5.2    |
| 2009 | 6     | 10  | 13   | 6      | 26     | 0.3       | 1       | 0.8   | 95.2      | 7.5124 | 5.3763 |
| 2009 | 6     | 10  | 13   | 16     | 26     | 0.3       | 1       | 0.82  | 93.9      | 7.5124 | 5.4865 |
| 2009 | 6     | 10  | 13   | 26     | 26     | 0.3       | 1       | 0.82  | 93.5      | 7.5317 | 5.4795 |
| 2009 | 6     | 10  | 13   | 36     | 26     | 0.3       | 1       | 0.92  | 95.5      | 7.5317 | 6.1644 |
| 2009 | 6     | 10  | 13   | 46     | 26     | 0.3       | 1       | 0.79  | 98.3      | 7.5317 | 5.2807 |
| 2009 | 6     | 10  | 13   | 56     | 26     | 0.3       | 1       | 0.93  | 96.5      | 7.5317 | 6.2086 |
| 2009 | 6     | 10  | 14   | 6      | 26     | 0.3       | 1       | 0.86  | 100.4     | 7.5317 | 5.6784 |
| 2009 | 6     | 10  | 14   | 16     | 26     | 0.3       | 1       | 0.89  | 92.8      | 7.5317 | 5.9656 |
| 2009 | 6     | 10  | 14   | 26     | 26     | 0.3       | 1       | 0.83  | 96.1      | 7.5124 | 5.5306 |
| 2009 | 6     | 10  | 14   | 36     | 26     | 0.3       | 1       | 0.85  | 100.9     | 7.5317 | 5.6342 |
| 2009 | 6     | 10  | 14   | 46     | 26     | 0.3       | 1       | 0.83  | 95.4      | 7.5124 | 5.5526 |
| 2009 | 6     | 10  | 14   | 56     | 26     | 0.3       | 1       | 0.8   | 92.8      | 7.5124 | 5.3763 |
| 2009 | 6     | 10  | 15   | 6      | 26     | 0.3       | 1       | 0.85  | 93.8      | 7.5317 | 5.7226 |
| 2009 | 6     | 10  | 15   | 16     | 26     | 0.3       | 1       | 0.8   | 90        | 7.5124 | 5.3543 |
| 2009 | 6     | 10  | 15   | 26     | 26     | 0.3       | 1       | 0.77  | 96.6      | 7.5317 | 5.1702 |
| 2009 | 6     | 10  | 15   | 36     | 26     | 0.3       | 1       | 0.82  | 98        | 7.5317 | 5.5016 |
| 2009 | 6     | 10  | 15   | 46     | 26     | 0.3       | 1       | 0.79  | 95.7      | 7.5317 | 5.3249 |
| 2009 | 6     | 10  | 15   | 56     | 26     | 0.3       | 1       | 0.92  | 94.1      | 7.5317 | 6.1645 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 10  | 16   | 6      | 26     | 0.3       | 1       | 0.83  | 98.9      | 7.5317 | 5.5016 |
| 2009 | 6     | 10  | 16   | 16     | 26     | 0.3       | 1       | 0.85  | 98.2      | 7.5317 | 5.6784 |
| 2009 | 6     | 10  | 16   | 26     | 26     | 0.3       | 1       | 0.81  | 97.2      | 7.5317 | 5.4133 |
| 2009 | 6     | 10  | 16   | 36     | 26     | 0.3       | 1       | 0.83  | 97        | 7.5317 | 5.5679 |
| 2009 | 6     | 10  | 16   | 46     | 26     | 0.3       | 1       | 0.91  | 93.5      | 7.5317 | 6.0982 |
| 2009 | 6     | 10  | 16   | 56     | 26     | 0.3       | 1       | 0.88  | 94.7      | 7.5317 | 5.8993 |
| 2009 | 6     | 10  | 17   | 6      | 26     | 0.3       | 1       | 0.83  | 93.9      | 7.5317 | 5.5458 |
| 2009 | 6     | 10  | 17   | 16     | 26     | 0.3       | 1       | 0.84  | 97.7      | 7.5317 | 5.59   |
| 2009 | 6     | 10  | 17   | 26     | 26     | 0.3       | 1       | 0.83  | 97.5      | 7.5317 | 5.5458 |
| 2009 | 6     | 10  | 17   | 36     | 26     | 0.3       | 1       | 0.79  | 95.3      | 7.5317 | 5.2807 |
| 2009 | 6     | 10  | 17   | 46     | 26     | 0.3       | 1       | 0.84  | 98        | 7.5317 | 5.6342 |
| 2009 | 6     | 10  | 17   | 56     | 26     | 0.3       | 1       | 0.82  | 89.1      | 7.5124 | 5.4866 |
| 2009 | 6     | 10  | 18   | 6      | 26     | 0.3       | 1       | 0.86  | 89.3      | 7.5317 | 5.811  |
| 2009 | 6     | 10  | 18   | 16     | 26     | 0.3       | 1       | 0.82  | 91.8      | 7.5317 | 5.5459 |
| 2009 | 6     | 10  | 18   | 26     | 26     | 0.3       | 1       | 0.87  | 90.6      | 7.5317 | 5.8552 |
| 2009 | 6     | 10  | 18   | 36     | 26     | 0.3       | 1       | 0.87  | 96.3      | 7.5124 | 5.7951 |
| 2009 | 6     | 10  | 18   | 46     | 26     | 0.3       | 1       | 0.84  | 98.3      | 7.5124 | 5.5967 |
| 2009 | 6     | 10  | 18   | 56     | 26     | 0.3       | 1       | 0.82  | 97.8      | 7.5124 | 5.4866 |
| 2009 | 6     | 10  | 19   | 6      | 26     | 0.3       | 1       | 0.84  | 97        | 7.5317 | 5.5901 |
| 2009 | 6     | 10  | 19   | 16     | 26     | 0.3       | 1       | 0.8   | 94.7      | 7.5317 | 5.347  |
| 2009 | 6     | 10  | 19   | 26     | 26     | 0.3       | 1       | 0.84  | 95.4      | 7.5317 | 5.6343 |
| 2009 | 6     | 10  | 19   | 36     | 26     | 0.3       | 1       | 0.84  | 96.5      | 7.5317 | 5.6343 |
| 2009 | 6     | 10  | 19   | 46     | 26     | 0.3       | 1       | 0.78  | 96.8      | 7.5317 | 5.2145 |
| 2009 | 6     | 10  | 19   | 56     | 26     | 0.3       | 1       | 0.78  | 90        | 7.5317 | 5.2366 |
| 2009 | 6     | 10  | 20   | 6      | 26     | 0.3       | 1       | 0.79  | 93.6      | 7.5317 | 5.2808 |
| 2009 | 6     | 10  | 20   | 16     | 26     | 0.3       | 1       | 0.89  | 97.4      | 7.5124 | 5.9053 |
| 2009 | 6     | 10  | 20   | 26     | 26     | 0.3       | 1       | 0.83  | 93.2      | 7.5317 | 5.6122 |
| 2009 | 6     | 10  | 20   | 36     | 26     | 0.3       | 1       | 0.82  | 93.2      | 7.5124 | 5.4866 |
| 2009 | 6     | 10  | 20   | 46     | 26     | 0.3       | 1       | 0.8   | 95.6      | 7.5124 | 5.3544 |
| 2009 | 6     | 10  | 20   | 56     | 26     | 0.3       | 1       | 0.86  | 101       | 7.5124 | 5.6849 |
| 2009 | 6     | 10  | 21   | 6      | 26     | 0.3       | 1       | 0.78  | 93.6      | 7.5124 | 5.2442 |
| 2009 | 6     | 10  | 21   | 16     | 26     | 0.3       | 1       | 0.82  | 96.5      | 7.5124 | 5.4426 |
| 2009 | 6     | 10  | 21   | 26     | 26     | 0.3       | 1       | 0.81  | 93.9      | 7.5124 | 5.4426 |
| 2009 | 6     | 10  | 21   | 36     | 26     | 0.3       | 1       | 0.8   | 94.9      | 7.5124 | 5.3544 |
| 2009 | 6     | 10  | 21   | 46     | 26     | 0.3       | 1       | 0.81  | 96        | 7.5124 | 5.4205 |
| 2009 | 6     | 10  | 21   | 56     | 26     | 0.3       | 1       | 0.73  | 95.7      | 7.5124 | 4.8476 |
| 2009 | 6     | 10  | 22   | 6      | 26     | 0.3       | 1       | 0.77  | 96.4      | 7.5317 | 5.1482 |
| 2009 | 6     | 10  | 22   | 16     | 26     | 0.3       | 1       | 0.8   | 98        | 7.5317 | 5.3471 |
| 2009 | 6     | 10  | 22   | 26     | 26     | 0.3       | 1       | 0.79  | 94.3      | 7.5317 | 5.325  |
| 2009 | 6     | 10  | 22   | 36     | 26     | 0.3       | 1       | 0.82  | 95.3      | 7.5317 | 5.5018 |
| 2009 | 6     | 10  | 22   | 46     | 26     | 0.3       | 1       | 0.82  | 96.9      | 7.5317 | 5.4797 |
| 2009 | 6     | 10  | 22   | 56     | 26     | 0.3       | 1       | 0.86  | 95.7      | 7.5317 | 5.789  |
| 2009 | 6     | 10  | 23   | 6      | 26     | 0.3       | 1       | 0.82  | 94.2      | 7.5317 | 5.4797 |
| 2009 | 6     | 10  | 23   | 16     | 26     | 0.3       | 1       | 0.75  | 97.3      | 7.5317 | 5.0157 |
| 2009 | 6     | 10  | 23   | 26     | 26     | 0.3       | 1       | 0.77  | 92.2      | 7.5317 | 5.1483 |
| 2009 | 6     | 10  | 23   | 36     | 26     | 0.3       | 1       | 0.86  | 95.9      | 7.5124 | 5.7291 |
| 2009 | 6     | 10  | 23   | 46     | 26     | 0.3       | 1       | 0.79  | 90.5      | 7.5317 | 5.3471 |
| 2009 | 6     | 10  | 23   | 56     | 26     | 0.3       | 1       | 0.88  | 95.2      | 7.5124 | 5.8613 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 11  | 0    | 6      | 26     | 0.3       | 1       | 0.78  | 94.3      | 7.5124 | 5.2443 |
| 2009 | 6     | 11  | 0    | 16     | 26     | 0.3       | 1       | 0.8   | 94.7      | 7.5317 | 5.3472 |
| 2009 | 6     | 11  | 0    | 26     | 26     | 0.3       | 1       | 0.91  | 95.8      | 7.5317 | 6.0763 |
| 2009 | 6     | 11  | 0    | 36     | 26     | 0.3       | 1       | 0.81  | 93.3      | 7.5317 | 5.4355 |
| 2009 | 6     | 11  | 0    | 46     | 26     | 0.3       | 1       | 0.81  | 101.2     | 7.5317 | 5.3693 |
| 2009 | 6     | 11  | 0    | 56     | 26     | 0.3       | 1       | 0.81  | 96.8      | 7.5317 | 5.3914 |
| 2009 | 6     | 11  | 1    | 6      | 26     | 0.3       | 1       | 0.77  | 97.6      | 7.5317 | 5.1262 |
| 2009 | 6     | 11  | 1    | 16     | 26     | 0.3       | 1       | 0.9   | 97.9      | 7.5317 | 6.0321 |
| 2009 | 6     | 11  | 1    | 26     | 26     | 0.3       | 1       | 0.74  | 98.4      | 7.5317 | 4.9274 |
| 2009 | 6     | 11  | 1    | 36     | 26     | 0.3       | 1       | 0.86  | 99.4      | 7.5317 | 5.7449 |
| 2009 | 6     | 11  | 1    | 46     | 26     | 0.3       | 1       | 0.84  | 92.2      | 7.5317 | 5.6344 |
| 2009 | 6     | 11  | 1    | 56     | 26     | 0.3       | 1       | 0.8   | 100.6     | 7.5317 | 5.3251 |
| 2009 | 6     | 11  | 2    | 6      | 26     | 0.3       | 1       | 0.78  | 98        | 7.5317 | 5.2146 |
| 2009 | 6     | 11  | 2    | 16     | 26     | 0.3       | 1       | 0.83  | 98.2      | 7.5317 | 5.5019 |
| 2009 | 6     | 11  | 2    | 26     | 26     | 0.3       | 1       | 0.78  | 96.3      | 7.5317 | 5.2367 |
| 2009 | 6     | 11  | 2    | 36     | 26     | 0.3       | 1       | 0.82  | 98.6      | 7.5317 | 5.4356 |
| 2009 | 6     | 11  | 2    | 46     | 26     | 0.3       | 1       | 0.75  | 98.3      | 7.5317 | 4.9937 |
| 2009 | 6     | 11  | 2    | 56     | 26     | 0.3       | 1       | 0.87  | 98.5      | 7.5317 | 5.7891 |
| 2009 | 6     | 11  | 3    | 6      | 26     | 0.3       | 1       | 0.84  | 95.6      | 7.5317 | 5.6566 |
| 2009 | 6     | 11  | 3    | 16     | 26     | 0.3       | 1       | 0.85  | 93.8      | 7.5317 | 5.7008 |
| 2009 | 6     | 11  | 3    | 26     | 26     | 0.3       | 1       | 0.85  | 94.2      | 7.5317 | 5.7229 |
| 2009 | 6     | 11  | 3    | 36     | 26     | 0.3       | 1       | 0.87  | 99.1      | 7.5317 | 5.767  |
| 2009 | 6     | 11  | 3    | 46     | 26     | 0.3       | 1       | 0.78  | 96.5      | 7.5317 | 5.2147 |
| 2009 | 6     | 11  | 3    | 56     | 26     | 0.3       | 1       | 0.76  | 98.4      | 7.5317 | 5.06   |
| 2009 | 6     | 11  | 4    | 6      | 26     | 0.3       | 1       | 0.84  | 95.6      | 7.5317 | 5.6124 |
| 2009 | 6     | 11  | 4    | 16     | 26     | 0.3       | 1       | 0.79  | 95.2      | 7.5317 | 5.303  |
| 2009 | 6     | 11  | 4    | 26     | 26     | 0.3       | 1       | 0.75  | 95.3      | 7.5317 | 5.0158 |
| 2009 | 6     | 11  | 4    | 36     | 26     | 0.3       | 1       | 0.8   | 102.6     | 7.5317 | 5.2589 |
| 2009 | 6     | 11  | 4    | 46     | 26     | 0.3       | 1       | 0.83  | 99.5      | 7.5317 | 5.5461 |
| 2009 | 6     | 11  | 4    | 56     | 26     | 0.3       | 1       | 0.76  | 93.7      | 7.5511 | 5.0961 |
| 2009 | 6     | 11  | 5    | 6      | 26     | 0.3       | 1       | 0.81  | 97.7      | 7.5317 | 5.3914 |
| 2009 | 6     | 11  | 5    | 16     | 26     | 0.3       | 1       | 0.78  | 99.9      | 7.5317 | 5.1705 |
| 2009 | 6     | 11  | 5    | 26     | 26     | 0.3       | 1       | 0.76  | 94.4      | 7.5317 | 5.1263 |
| 2009 | 6     | 11  | 5    | 36     | 26     | 0.3       | 1       | 0.8   | 101.5     | 7.5317 | 5.3031 |
| 2009 | 6     | 11  | 5    | 46     | 26     | 0.3       | 1       | 0.89  | 97.2      | 7.5317 | 5.9218 |
| 2009 | 6     | 11  | 5    | 56     | 26     | 0.3       | 1       | 0.8   | 96.6      | 7.5317 | 5.3694 |
| 2009 | 6     | 11  | 6    | 6      | 26     | 0.3       | 1       | 0.82  | 93.2      | 7.5317 | 5.5241 |
| 2009 | 6     | 11  | 6    | 16     | 26     | 0.3       | 1       | 0.78  | 102.4     | 7.5317 | 5.1263 |
| 2009 | 6     | 11  | 6    | 26     | 26     | 0.3       | 1       | 0.71  | 95.1      | 7.5317 | 4.7507 |
| 2009 | 6     | 11  | 6    | 36     | 26     | 0.3       | 1       | 0.72  | 100.2     | 7.5317 | 4.7728 |
| 2009 | 6     | 11  | 6    | 46     | 26     | 0.3       | 1       | 0.92  | 96.1      | 7.5317 | 6.1649 |
| 2009 | 6     | 11  | 6    | 56     | 26     | 0.3       | 1       | 0.82  | 96        | 7.5317 | 5.4799 |
| 2009 | 6     | 11  | 7    | 6      | 26     | 0.3       | 1       | 0.8   | 96.8      | 7.5317 | 5.3473 |
| 2009 | 6     | 11  | 7    | 16     | 26     | 0.3       | 1       | 0.78  | 99.2      | 7.5317 | 5.1926 |
| 2009 | 6     | 11  | 7    | 26     | 26     | 0.3       | 1       | 0.79  | 97.4      | 7.5317 | 5.3031 |
| 2009 | 6     | 11  | 7    | 36     | 26     | 0.3       | 1       | 0.88  | 92.6      | 7.5317 | 5.8997 |
| 2009 | 6     | 11  | 7    | 46     | 26     | 0.3       | 1       | 0.85  | 99.1      | 7.5317 | 5.6787 |
| 2009 | 6     | 11  | 7    | 56     | 26     | 0.3       | 1       | 0.78  | 99.7      | 7.5317 | 5.1705 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 11  | 8    | 6      | 26     | 0.3       | 1       | 0.9   | 98.6      | 7.5317 | 5.966  |
| 2009 | 6     | 11  | 8    | 16     | 26     | 0.3       | 1       | 0.84  | 95.6      | 7.5317 | 5.6566 |
| 2009 | 6     | 11  | 8    | 26     | 26     | 0.3       | 1       | 0.8   | 91.9      | 7.5317 | 5.4136 |
| 2009 | 6     | 11  | 8    | 36     | 26     | 0.3       | 1       | 0.84  | 96        | 7.5317 | 5.6566 |
| 2009 | 6     | 11  | 8    | 46     | 26     | 0.3       | 1       | 0.86  | 97.6      | 7.5317 | 5.7671 |
| 2009 | 6     | 11  | 8    | 56     | 26     | 0.3       | 1       | 0.83  | 93.4      | 7.5317 | 5.5903 |
| 2009 | 6     | 11  | 9    | 6      | 26     | 0.3       | 1       | 0.85  | 96        | 7.5317 | 5.7228 |
| 2009 | 6     | 11  | 9    | 16     | 26     | 0.3       | 1       | 0.88  | 99        | 7.5317 | 5.8554 |
| 2009 | 6     | 11  | 9    | 26     | 26     | 0.3       | 1       | 0.86  | 92.6      | 7.5317 | 5.8112 |
| 2009 | 6     | 11  | 9    | 36     | 26     | 0.3       | 1       | 0.92  | 94.7      | 7.5317 | 6.1868 |
| 2009 | 6     | 11  | 9    | 46     | 26     | 0.3       | 1       | 0.88  | 96.8      | 7.5317 | 5.8996 |
| 2009 | 6     | 11  | 9    | 56     | 26     | 0.3       | 1       | 0.78  | 94.8      | 7.5317 | 5.2588 |
| 2009 | 6     | 11  | 10   | 6      | 26     | 0.3       | 1       | 0.86  | 97.2      | 7.5317 | 5.7669 |
| 2009 | 6     | 11  | 10   | 16     | 26     | 0.3       | 1       | 0.84  | 97        | 7.5317 | 5.6123 |
| 2009 | 6     | 11  | 10   | 26     | 26     | 0.3       | 1       | 0.88  | 97.9      | 7.5317 | 5.8995 |
| 2009 | 6     | 11  | 10   | 36     | 26     | 0.3       | 1       | 0.85  | 96.9      | 7.5317 | 5.6564 |
| 2009 | 6     | 11  | 10   | 46     | 26     | 0.3       | 1       | 0.92  | 94.7      | 7.5317 | 6.1646 |
| 2009 | 6     | 11  | 10   | 56     | 26     | 0.3       | 1       | 0.84  | 97.4      | 7.5317 | 5.6343 |
| 2009 | 6     | 11  | 11   | 6      | 26     | 0.3       | 1       | 0.84  | 94.3      | 7.5317 | 5.6343 |
| 2009 | 6     | 11  | 11   | 16     | 26     | 0.3       | 1       | 0.88  | 96        | 7.5511 | 5.9378 |
| 2009 | 6     | 11  | 11   | 26     | 26     | 0.3       | 1       | 0.84  | 95.6      | 7.5317 | 5.6563 |
| 2009 | 6     | 11  | 11   | 36     | 26     | 0.3       | 1       | 0.79  | 99.3      | 7.5317 | 5.2365 |
| 2009 | 6     | 11  | 11   | 46     | 26     | 0.3       | 1       | 0.85  | 90.9      | 7.5317 | 5.7005 |
| 2009 | 6     | 11  | 11   | 56     | 26     | 0.3       | 1       | 0.89  | 96.1      | 7.5511 | 6.0041 |
| 2009 | 6     | 11  | 12   | 6      | 26     | 0.3       | 1       | 0.9   | 96.3      | 7.5511 | 6.0263 |
| 2009 | 6     | 11  | 12   | 16     | 26     | 0.3       | 1       | 0.8   | 92.3      | 7.5317 | 5.4132 |
| 2009 | 6     | 11  | 12   | 26     | 26     | 0.3       | 1       | 0.89  | 95.9      | 7.5511 | 5.9819 |
| 2009 | 6     | 11  | 12   | 36     | 26     | 0.3       | 1       | 0.85  | 93.3      | 7.5511 | 5.7603 |
| 2009 | 6     | 11  | 12   | 46     | 26     | 0.3       | 1       | 0.86  | 89.1      | 7.5511 | 5.8046 |
| 2009 | 6     | 11  | 12   | 56     | 26     | 0.3       | 1       | 0.85  | 90        | 7.5511 | 5.7603 |
| 2009 | 6     | 11  | 13   | 6      | 26     | 0.3       | 1       | 0.87  | 93.5      | 7.5511 | 5.8489 |
| 2009 | 6     | 11  | 13   | 16     | 26     | 0.3       | 1       | 0.86  | 92.2      | 7.5317 | 5.7666 |
| 2009 | 6     | 11  | 13   | 26     | 26     | 0.3       | 1       | 0.81  | 91.6      | 7.5511 | 5.4944 |
| 2009 | 6     | 11  | 13   | 36     | 26     | 0.3       | 1       | 0.85  | 90.7      | 7.5511 | 5.7159 |
| 2009 | 6     | 11  | 13   | 46     | 26     | 0.3       | 1       | 0.87  | 90        | 7.5511 | 5.871  |
| 2009 | 6     | 11  | 13   | 56     | 26     | 0.3       | 1       | 0.85  | 90.2      | 7.5317 | 5.7002 |
| 2009 | 6     | 11  | 14   | 6      | 26     | 0.3       | 1       | 0.82  | 92.1      | 7.5317 | 5.5014 |
| 2009 | 6     | 11  | 14   | 16     | 26     | 0.3       | 1       | 0.8   | 92.1      | 7.5317 | 5.413  |
| 2009 | 6     | 11  | 14   | 26     | 26     | 0.3       | 1       | 0.87  | 93.7      | 7.5317 | 5.8328 |
| 2009 | 6     | 11  | 14   | 36     | 26     | 0.3       | 1       | 0.75  | 92        | 7.5317 | 5.0595 |
| 2009 | 6     | 11  | 14   | 46     | 26     | 0.3       | 1       | 0.82  | 92.5      | 7.5317 | 5.5456 |
| 2009 | 6     | 11  | 14   | 56     | 26     | 0.3       | 1       | 0.91  | 91.9      | 7.5317 | 6.1421 |
| 2009 | 6     | 11  | 15   | 6      | 26     | 0.3       | 1       | 0.82  | 90.2      | 7.5317 | 5.5014 |
| 2009 | 6     | 11  | 15   | 16     | 26     | 0.3       | 1       | 0.83  | 91.6      | 7.5317 | 5.5677 |
| 2009 | 6     | 11  | 15   | 26     | 26     | 0.3       | 1       | 0.81  | 92.6      | 7.5124 | 5.4202 |
| 2009 | 6     | 11  | 15   | 36     | 26     | 0.3       | 1       | 0.9   | 94.4      | 7.5124 | 6.0151 |
| 2009 | 6     | 11  | 15   | 46     | 26     | 0.3       | 1       | 0.83  | 88.9      | 7.5124 | 5.5524 |
| 2009 | 6     | 11  | 15   | 56     | 26     | 0.3       | 1       | 0.84  | 90        | 7.5124 | 5.6185 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 11  | 16   | 6      | 26     | 0.3       | 1       | 0.85  | 93.1      | 7.5124 | 5.6846 |
| 2009 | 6     | 11  | 16   | 16     | 26     | 0.3       | 1       | 0.81  | 90.2      | 7.5124 | 5.4643 |
| 2009 | 6     | 11  | 16   | 26     | 26     | 0.3       | 1       | 0.82  | 95.7      | 7.5124 | 5.4863 |
| 2009 | 6     | 11  | 16   | 36     | 26     | 0.3       | 1       | 0.89  | 89.4      | 7.5124 | 5.971  |
| 2009 | 6     | 11  | 16   | 46     | 26     | 0.3       | 1       | 0.74  | 91        | 7.493  | 4.9878 |
| 2009 | 6     | 11  | 16   | 56     | 26     | 0.3       | 1       | 0.76  | 90.7      | 7.493  | 5.0977 |
| 2009 | 6     | 11  | 17   | 6      | 26     | 0.3       | 1       | 0.79  | 90.9      | 7.493  | 5.3174 |
| 2009 | 6     | 11  | 17   | 16     | 26     | 0.3       | 1       | 0.84  | 93.1      | 7.493  | 5.6031 |
| 2009 | 6     | 11  | 17   | 26     | 26     | 0.3       | 1       | 0.87  | 99.1      | 7.493  | 5.7349 |
| 2009 | 6     | 11  | 17   | 36     | 26     | 0.3       | 1       | 0.8   | 89.1      | 7.4736 | 5.3685 |
| 2009 | 6     | 11  | 17   | 46     | 26     | 0.3       | 1       | 0.87  | 89.6      | 7.493  | 5.8228 |
| 2009 | 6     | 11  | 17   | 56     | 26     | 0.3       | 1       | 0.77  | 94.7      | 7.4736 | 5.1056 |
| 2009 | 6     | 11  | 18   | 6      | 26     | 0.3       | 1       | 0.82  | 90.9      | 7.4736 | 5.4781 |
| 2009 | 6     | 11  | 18   | 16     | 26     | 0.3       | 1       | 0.79  | 90        | 7.4736 | 5.2809 |
| 2009 | 6     | 11  | 18   | 26     | 26     | 0.3       | 1       | 0.81  | 91.2      | 7.4736 | 5.4343 |
| 2009 | 6     | 11  | 18   | 36     | 26     | 0.3       | 1       | 0.81  | 97.9      | 7.4736 | 5.3466 |
| 2009 | 6     | 11  | 18   | 46     | 26     | 0.3       | 1       | 0.79  | 94.3      | 7.4736 | 5.259  |
| 2009 | 6     | 11  | 18   | 56     | 26     | 0.3       | 1       | 0.82  | 91.6      | 7.4736 | 5.4562 |
| 2009 | 6     | 11  | 19   | 6      | 26     | 0.3       | 1       | 0.81  | 96.8      | 7.4543 | 5.3318 |
| 2009 | 6     | 11  | 19   | 16     | 26     | 0.3       | 1       | 0.8   | 98.5      | 7.4736 | 5.3028 |
| 2009 | 6     | 11  | 19   | 26     | 26     | 0.3       | 1       | 0.81  | 96.3      | 7.4736 | 5.3467 |
| 2009 | 6     | 11  | 19   | 36     | 26     | 0.3       | 1       | 0.83  | 100.1     | 7.4543 | 5.4193 |
| 2009 | 6     | 11  | 19   | 46     | 26     | 0.3       | 1       | 0.76  | 95.7      | 7.4736 | 5.0399 |
| 2009 | 6     | 11  | 19   | 56     | 26     | 0.3       | 1       | 0.73  | 100.9     | 7.4543 | 4.7856 |
| 2009 | 6     | 11  | 20   | 6      | 26     | 0.3       | 1       | 0.79  | 95.5      | 7.4543 | 5.2226 |
| 2009 | 6     | 11  | 20   | 16     | 26     | 0.3       | 1       | 0.74  | 100.5     | 7.4543 | 4.8511 |
| 2009 | 6     | 11  | 20   | 26     | 26     | 0.3       | 1       | 0.75  | 101.3     | 7.4543 | 4.9167 |
| 2009 | 6     | 11  | 20   | 36     | 26     | 0.3       | 1       | 0.76  | 101.4     | 7.4543 | 4.9822 |
| 2009 | 6     | 11  | 20   | 46     | 26     | 0.3       | 1       | 0.81  | 98.6      | 7.4543 | 5.3319 |
| 2009 | 6     | 11  | 20   | 56     | 26     | 0.3       | 1       | 0.81  | 93.3      | 7.4543 | 5.3756 |
| 2009 | 6     | 11  | 21   | 6      | 26     | 0.3       | 1       | 0.81  | 98.4      | 7.4543 | 5.3537 |
| 2009 | 6     | 11  | 21   | 16     | 26     | 0.3       | 1       | 0.76  | 95.9      | 7.4543 | 5.0478 |
| 2009 | 6     | 11  | 21   | 26     | 26     | 0.3       | 1       | 0.8   | 93.5      | 7.4543 | 5.3319 |
| 2009 | 6     | 11  | 21   | 36     | 26     | 0.3       | 1       | 0.84  | 100.6     | 7.4543 | 5.5067 |
| 2009 | 6     | 11  | 21   | 46     | 26     | 0.3       | 1       | 0.82  | 93.7      | 7.4543 | 5.4193 |
| 2009 | 6     | 11  | 21   | 56     | 26     | 0.3       | 1       | 0.85  | 93.1      | 7.4543 | 5.6815 |
| 2009 | 6     | 11  | 22   | 6      | 26     | 0.3       | 1       | 0.83  | 94.6      | 7.4349 | 5.4696 |
| 2009 | 6     | 11  | 22   | 16     | 26     | 0.3       | 1       | 0.81  | 93.2      | 7.4349 | 5.3825 |
| 2009 | 6     | 11  | 22   | 26     | 26     | 0.3       | 1       | 0.83  | 93        | 7.4543 | 5.5067 |
| 2009 | 6     | 11  | 22   | 36     | 26     | 0.3       | 1       | 0.78  | 97        | 7.4543 | 5.1571 |
| 2009 | 6     | 11  | 22   | 46     | 26     | 0.3       | 1       | 0.75  | 93.5      | 7.4543 | 5.0041 |
| 2009 | 6     | 11  | 22   | 56     | 26     | 0.3       | 1       | 0.86  | 95.5      | 7.4543 | 5.7253 |
| 2009 | 6     | 11  | 23   | 6      | 26     | 0.3       | 1       | 0.73  | 92.8      | 7.4543 | 4.873  |
| 2009 | 6     | 11  | 23   | 16     | 26     | 0.3       | 1       | 0.84  | 93.6      | 7.4543 | 5.5942 |
| 2009 | 6     | 11  | 23   | 26     | 26     | 0.3       | 1       | 0.81  | 96.7      | 7.4543 | 5.3756 |
| 2009 | 6     | 11  | 23   | 36     | 26     | 0.3       | 1       | 0.81  | 101.7     | 7.4543 | 5.2882 |
| 2009 | 6     | 11  | 23   | 46     | 26     | 0.3       | 1       | 0.81  | 98        | 7.4736 | 5.3248 |
| 2009 | 6     | 11  | 23   | 56     | 26     | 0.3       | 1       | 0.78  | 88.8      | 7.4736 | 5.1934 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 12  | 0    | 6      | 26     | 0.3       | 1       | 0.86  | 104.3     | 7.4543 | 5.5723 |
| 2009 | 6     | 12  | 0    | 16     | 26     | 0.3       | 1       | 0.8   | 90.2      | 7.4543 | 5.3538 |
| 2009 | 6     | 12  | 0    | 26     | 26     | 0.3       | 1       | 0.81  | 93.7      | 7.4543 | 5.3538 |
| 2009 | 6     | 12  | 0    | 36     | 26     | 0.3       | 1       | 0.78  | 97        | 7.4543 | 5.179  |
| 2009 | 6     | 12  | 0    | 46     | 26     | 0.3       | 1       | 0.81  | 97.6      | 7.4736 | 5.3906 |
| 2009 | 6     | 12  | 0    | 56     | 26     | 0.3       | 1       | 0.75  | 96        | 7.4736 | 4.9743 |
| 2009 | 6     | 12  | 1    | 6      | 26     | 0.3       | 1       | 0.78  | 94.6      | 7.4543 | 5.2009 |
| 2009 | 6     | 12  | 1    | 16     | 26     | 0.3       | 1       | 0.8   | 95.6      | 7.4736 | 5.3249 |
| 2009 | 6     | 12  | 1    | 26     | 26     | 0.3       | 1       | 0.74  | 98.2      | 7.4736 | 4.8647 |
| 2009 | 6     | 12  | 1    | 36     | 26     | 0.3       | 1       | 0.75  | 89.8      | 7.4736 | 5.04   |
| 2009 | 6     | 12  | 1    | 46     | 26     | 0.3       | 1       | 0.85  | 95.3      | 7.4736 | 5.6317 |
| 2009 | 6     | 12  | 1    | 56     | 26     | 0.3       | 1       | 0.78  | 98.2      | 7.4736 | 5.1715 |
| 2009 | 6     | 12  | 2    | 6      | 26     | 0.3       | 1       | 0.78  | 94.6      | 7.4736 | 5.2153 |
| 2009 | 6     | 12  | 2    | 16     | 26     | 0.3       | 1       | 0.78  | 94.1      | 7.4736 | 5.1934 |
| 2009 | 6     | 12  | 2    | 26     | 26     | 0.3       | 1       | 0.74  | 96.7      | 7.4736 | 4.8866 |
| 2009 | 6     | 12  | 2    | 36     | 26     | 0.3       | 1       | 0.76  | 102       | 7.4736 | 4.9524 |
| 2009 | 6     | 12  | 2    | 46     | 26     | 0.3       | 1       | 0.82  | 100.3     | 7.4736 | 5.4126 |
| 2009 | 6     | 12  | 2    | 56     | 26     | 0.3       | 1       | 0.74  | 105.9     | 7.4736 | 4.7771 |
| 2009 | 6     | 12  | 3    | 6      | 26     | 0.3       | 1       | 0.74  | 96.6      | 7.493  | 4.9441 |
| 2009 | 6     | 12  | 3    | 16     | 26     | 0.3       | 1       | 0.75  | 98.1      | 7.493  | 4.9441 |
| 2009 | 6     | 12  | 3    | 26     | 26     | 0.3       | 1       | 0.72  | 94.9      | 7.493  | 4.8343 |
| 2009 | 6     | 12  | 3    | 36     | 26     | 0.3       | 1       | 0.75  | 89        | 7.4736 | 5.0181 |
| 2009 | 6     | 12  | 3    | 46     | 26     | 0.3       | 1       | 0.76  | 95.2      | 7.4736 | 5.062  |
| 2009 | 6     | 12  | 3    | 56     | 26     | 0.3       | 1       | 0.75  | 99.9      | 7.4736 | 4.9086 |
| 2009 | 6     | 12  | 4    | 6      | 26     | 0.3       | 1       | 0.75  | 96        | 7.4736 | 4.9743 |
| 2009 | 6     | 12  | 4    | 16     | 26     | 0.3       | 1       | 0.84  | 102.4     | 7.493  | 5.5155 |
| 2009 | 6     | 12  | 4    | 26     | 26     | 0.3       | 1       | 0.76  | 94        | 7.4736 | 5.062  |
| 2009 | 6     | 12  | 4    | 36     | 26     | 0.3       | 1       | 0.74  | 98.7      | 7.493  | 4.9002 |
| 2009 | 6     | 12  | 4    | 46     | 26     | 0.3       | 1       | 0.7   | 100.8     | 7.4736 | 4.5799 |
| 2009 | 6     | 12  | 4    | 56     | 26     | 0.3       | 1       | 0.72  | 95.2      | 7.493  | 4.7904 |
| 2009 | 6     | 12  | 5    | 6      | 26     | 0.3       | 1       | 0.77  | 93.7      | 7.4736 | 5.1278 |
| 2009 | 6     | 12  | 5    | 16     | 26     | 0.3       | 1       | 0.77  | 102.6     | 7.4736 | 5.0182 |
| 2009 | 6     | 12  | 5    | 26     | 26     | 0.3       | 1       | 0.8   | 99.2      | 7.4736 | 5.2812 |
| 2009 | 6     | 12  | 5    | 36     | 26     | 0.3       | 1       | 0.8   | 98.7      | 7.4736 | 5.2812 |
| 2009 | 6     | 12  | 5    | 46     | 26     | 0.3       | 1       | 0.72  | 102.4     | 7.4736 | 4.6676 |
| 2009 | 6     | 12  | 5    | 56     | 26     | 0.3       | 1       | 0.79  | 100.7     | 7.4736 | 5.2154 |
| 2009 | 6     | 12  | 6    | 6      | 26     | 0.3       | 1       | 0.73  | 103.7     | 7.4736 | 4.7552 |
| 2009 | 6     | 12  | 6    | 16     | 26     | 0.3       | 1       | 0.69  | 103.1     | 7.4736 | 4.5142 |
| 2009 | 6     | 12  | 6    | 26     | 26     | 0.3       | 1       | 0.64  | 97.7      | 7.4736 | 4.2293 |
| 2009 | 6     | 12  | 6    | 36     | 26     | 0.3       | 1       | 0.68  | 99.7      | 7.4736 | 4.4704 |
| 2009 | 6     | 12  | 6    | 46     | 26     | 0.3       | 1       | 0.75  | 96.5      | 7.4736 | 4.9744 |
| 2009 | 6     | 12  | 6    | 56     | 26     | 0.3       | 1       | 0.8   | 94.7      | 7.4736 | 5.3031 |
| 2009 | 6     | 12  | 7    | 6      | 26     | 0.3       | 1       | 0.79  | 100       | 7.4736 | 5.2154 |
| 2009 | 6     | 12  | 7    | 16     | 26     | 0.3       | 1       | 0.67  | 97        | 7.4736 | 4.4485 |
| 2009 | 6     | 12  | 7    | 26     | 26     | 0.3       | 1       | 0.75  | 98.5      | 7.4736 | 4.9744 |
| 2009 | 6     | 12  | 7    | 36     | 26     | 0.3       | 1       | 0.81  | 95.3      | 7.4736 | 5.4127 |
| 2009 | 6     | 12  | 7    | 46     | 26     | 0.3       | 1       | 0.76  | 97.2      | 7.4736 | 5.062  |
| 2009 | 6     | 12  | 7    | 56     | 26     | 0.3       | 1       | 0.74  | 92        | 7.4736 | 4.9086 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 12  | 8    | 6      | 26     | 0.3       | 1       | 0.7   | 93        | 7.4736 | 4.6676 |
| 2009 | 6     | 12  | 8    | 16     | 26     | 0.3       | 1       | 0.76  | 99.7      | 7.4736 | 4.9744 |
| 2009 | 6     | 12  | 8    | 26     | 26     | 0.3       | 1       | 0.68  | 104       | 7.4736 | 4.3827 |
| 2009 | 6     | 12  | 8    | 36     | 26     | 0.3       | 1       | 0.75  | 100.1     | 7.4736 | 4.9305 |
| 2009 | 6     | 12  | 8    | 46     | 26     | 0.3       | 1       | 0.71  | 100.7     | 7.4736 | 4.6457 |
| 2009 | 6     | 12  | 8    | 56     | 26     | 0.3       | 1       | 0.7   | 100       | 7.4736 | 4.6018 |
| 2009 | 6     | 12  | 9    | 6      | 26     | 0.3       | 1       | 0.77  | 97.4      | 7.4736 | 5.0839 |
| 2009 | 6     | 12  | 9    | 16     | 26     | 0.3       | 1       | 0.71  | 101.2     | 7.4736 | 4.6456 |
| 2009 | 6     | 12  | 9    | 26     | 26     | 0.3       | 1       | 0.73  | 93.4      | 7.4736 | 4.8428 |
| 2009 | 6     | 12  | 9    | 36     | 26     | 0.3       | 1       | 0.76  | 95.9      | 7.4736 | 5.062  |
| 2009 | 6     | 12  | 9    | 46     | 26     | 0.3       | 1       | 0.79  | 100       | 7.4736 | 5.1934 |
| 2009 | 6     | 12  | 9    | 56     | 26     | 0.3       | 1       | 0.83  | 101.6     | 7.4736 | 5.4564 |
| 2009 | 6     | 12  | 10   | 6      | 26     | 0.3       | 1       | 0.81  | 96.5      | 7.4736 | 5.3468 |
| 2009 | 6     | 12  | 10   | 16     | 26     | 0.3       | 1       | 0.77  | 102.6     | 7.4736 | 4.9962 |
| 2009 | 6     | 12  | 10   | 26     | 26     | 0.3       | 1       | 0.74  | 103.9     | 7.4736 | 4.799  |
| 2009 | 6     | 12  | 10   | 36     | 26     | 0.3       | 1       | 0.76  | 96.7      | 7.4736 | 5.0181 |
| 2009 | 6     | 12  | 10   | 46     | 26     | 0.3       | 1       | 0.78  | 97.2      | 7.4736 | 5.1934 |
| 2009 | 6     | 12  | 10   | 56     | 26     | 0.3       | 1       | 0.77  | 98.1      | 7.4736 | 5.1057 |
| 2009 | 6     | 12  | 11   | 6      | 26     | 0.3       | 1       | 0.77  | 98.3      | 7.4736 | 5.0838 |
| 2009 | 6     | 12  | 11   | 16     | 26     | 0.3       | 1       | 0.74  | 101.2     | 7.4736 | 4.8646 |
| 2009 | 6     | 12  | 11   | 26     | 26     | 0.3       | 1       | 0.75  | 98.6      | 7.4736 | 4.9523 |
| 2009 | 6     | 12  | 11   | 36     | 26     | 0.3       | 1       | 0.77  | 97.8      | 7.4736 | 5.1275 |
| 2009 | 6     | 12  | 11   | 46     | 26     | 0.3       | 1       | 0.74  | 97.1      | 7.4736 | 4.9084 |
| 2009 | 6     | 12  | 11   | 56     | 26     | 0.3       | 1       | 0.74  | 95.3      | 7.4736 | 4.9303 |
| 2009 | 6     | 12  | 12   | 6      | 26     | 0.3       | 1       | 0.74  | 95.3      | 7.4736 | 4.9303 |
| 2009 | 6     | 12  | 12   | 16     | 26     | 0.3       | 1       | 0.78  | 96.3      | 7.4736 | 5.1494 |
| 2009 | 6     | 12  | 12   | 26     | 26     | 0.3       | 1       | 0.72  | 97.3      | 7.4736 | 4.7988 |
| 2009 | 6     | 12  | 12   | 36     | 26     | 0.3       | 1       | 0.72  | 94.2      | 7.4543 | 4.7855 |
| 2009 | 6     | 12  | 12   | 46     | 26     | 0.3       | 1       | 0.72  | 102.9     | 7.4543 | 4.6762 |
| 2009 | 6     | 12  | 12   | 56     | 26     | 0.3       | 1       | 0.73  | 98.1      | 7.4736 | 4.7988 |
| 2009 | 6     | 12  | 13   | 6      | 26     | 0.3       | 1       | 0.61  | 99.6      | 7.4543 | 3.9988 |
| 2009 | 6     | 12  | 13   | 16     | 26     | 0.3       | 1       | 0.77  | 96.6      | 7.4543 | 5.0914 |
| 2009 | 6     | 12  | 13   | 26     | 26     | 0.3       | 1       | 0.69  | 94.6      | 7.4543 | 4.6107 |
| 2009 | 6     | 12  | 13   | 36     | 26     | 0.3       | 1       | 0.71  | 92.4      | 7.4349 | 4.685  |
| 2009 | 6     | 12  | 13   | 46     | 26     | 0.3       | 1       | 0.73  | 93.6      | 7.4349 | 4.8157 |
| 2009 | 6     | 12  | 13   | 56     | 26     | 0.3       | 1       | 0.75  | 96.8      | 7.4349 | 4.9683 |
| 2009 | 6     | 12  | 14   | 6      | 26     | 0.3       | 1       | 0.71  | 91.3      | 7.4156 | 4.6937 |
| 2009 | 6     | 12  | 14   | 16     | 26     | 0.3       | 1       | 0.67  | 92        | 7.4156 | 4.4546 |
| 2009 | 6     | 12  | 14   | 26     | 26     | 0.3       | 1       | 0.67  | 96.5      | 7.4156 | 4.3895 |
| 2009 | 6     | 12  | 14   | 36     | 26     | 0.3       | 1       | 0.68  | 93.9      | 7.3962 | 4.5072 |
| 2009 | 6     | 12  | 14   | 46     | 26     | 0.3       | 1       | 0.65  | 93.5      | 7.4156 | 4.3025 |
| 2009 | 6     | 12  | 14   | 56     | 26     | 0.3       | 1       | 0.74  | 92.8      | 7.4156 | 4.911  |
| 2009 | 6     | 12  | 15   | 6      | 26     | 0.3       | 1       | 0.7   | 92.7      | 7.3962 | 4.6156 |
| 2009 | 6     | 12  | 15   | 16     | 26     | 0.3       | 1       | 0.8   | 97.1      | 7.4156 | 5.2369 |
| 2009 | 6     | 12  | 15   | 26     | 26     | 0.3       | 1       | 0.74  | 90        | 7.3962 | 4.9189 |
| 2009 | 6     | 12  | 15   | 36     | 26     | 0.3       | 1       | 0.71  | 92.4      | 7.3962 | 4.6806 |
| 2009 | 6     | 12  | 15   | 46     | 26     | 0.3       | 1       | 0.75  | 87.2      | 7.3962 | 4.9623 |
| 2009 | 6     | 12  | 15   | 56     | 26     | 0.3       | 1       | 0.77  | 90        | 7.3962 | 5.0923 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 12  | 16   | 6      | 26     | 0.3       | 1       | 0.7   | 94.3      | 7.3962 | 4.6373 |
| 2009 | 6     | 12  | 16   | 16     | 26     | 0.3       | 1       | 0.64  | 92        | 7.3962 | 4.2472 |
| 2009 | 6     | 12  | 16   | 26     | 26     | 0.3       | 1       | 0.73  | 87.4      | 7.3962 | 4.8323 |
| 2009 | 6     | 12  | 16   | 36     | 26     | 0.3       | 1       | 0.74  | 91        | 7.3962 | 4.8973 |
| 2009 | 6     | 12  | 16   | 46     | 26     | 0.3       | 1       | 0.75  | 87.7      | 7.3769 | 4.9052 |
| 2009 | 6     | 12  | 16   | 56     | 26     | 0.3       | 1       | 0.77  | 94.6      | 7.3962 | 5.0924 |
| 2009 | 6     | 12  | 17   | 6      | 26     | 0.3       | 1       | 0.69  | 89.2      | 7.3962 | 4.5506 |
| 2009 | 6     | 12  | 17   | 16     | 26     | 0.3       | 1       | 0.65  | 92.6      | 7.3962 | 4.2906 |
| 2009 | 6     | 12  | 17   | 26     | 26     | 0.3       | 1       | 0.74  | 90.3      | 7.3769 | 4.9053 |
| 2009 | 6     | 12  | 17   | 36     | 26     | 0.3       | 1       | 0.73  | 100.4     | 7.3769 | 4.7108 |
| 2009 | 6     | 12  | 17   | 46     | 26     | 0.3       | 1       | 0.74  | 95.4      | 7.3962 | 4.854  |
| 2009 | 6     | 12  | 17   | 56     | 26     | 0.3       | 1       | 0.76  | 98.4      | 7.3962 | 4.9841 |
| 2009 | 6     | 12  | 18   | 6      | 26     | 0.3       | 1       | 0.67  | 95.9      | 7.3769 | 4.3651 |
| 2009 | 6     | 12  | 18   | 16     | 26     | 0.3       | 1       | 0.72  | 96        | 7.3769 | 4.7108 |
| 2009 | 6     | 12  | 18   | 26     | 26     | 0.3       | 1       | 0.72  | 98.6      | 7.3769 | 4.6892 |
| 2009 | 6     | 12  | 18   | 36     | 26     | 0.3       | 1       | 0.77  | 98.1      | 7.3769 | 5.0134 |
| 2009 | 6     | 12  | 18   | 46     | 26     | 0.3       | 1       | 0.71  | 91.9      | 7.3769 | 4.6676 |
| 2009 | 6     | 12  | 18   | 56     | 26     | 0.3       | 1       | 0.68  | 98.6      | 7.3769 | 4.4515 |
| 2009 | 6     | 12  | 19   | 6      | 26     | 0.3       | 1       | 0.7   | 99.2      | 7.3575 | 4.5468 |
| 2009 | 6     | 12  | 19   | 16     | 26     | 0.3       | 1       | 0.68  | 98.8      | 7.3575 | 4.439  |
| 2009 | 6     | 12  | 19   | 26     | 26     | 0.3       | 1       | 0.72  | 101.9     | 7.3575 | 4.6114 |
| 2009 | 6     | 12  | 19   | 36     | 26     | 0.3       | 1       | 0.67  | 96.5      | 7.3575 | 4.3528 |
| 2009 | 6     | 12  | 19   | 46     | 26     | 0.3       | 1       | 0.68  | 94.1      | 7.3575 | 4.4606 |
| 2009 | 6     | 12  | 19   | 56     | 26     | 0.3       | 1       | 0.72  | 94.2      | 7.3575 | 4.6976 |
| 2009 | 6     | 12  | 20   | 6      | 26     | 0.3       | 1       | 0.8   | 96.9      | 7.3575 | 5.1933 |
| 2009 | 6     | 12  | 20   | 16     | 26     | 0.3       | 1       | 0.76  | 95.4      | 7.3575 | 4.9778 |
| 2009 | 6     | 12  | 20   | 26     | 26     | 0.3       | 1       | 0.75  | 99.8      | 7.3381 | 4.8348 |
| 2009 | 6     | 12  | 20   | 36     | 26     | 0.3       | 1       | 0.7   | 98.6      | 7.3381 | 4.5555 |
| 2009 | 6     | 12  | 20   | 46     | 26     | 0.3       | 1       | 0.7   | 91.1      | 7.3381 | 4.5985 |
| 2009 | 6     | 12  | 20   | 56     | 26     | 0.3       | 1       | 0.68  | 99.7      | 7.3381 | 4.4051 |
| 2009 | 6     | 12  | 21   | 6      | 26     | 0.3       | 1       | 0.71  | 97.2      | 7.3381 | 4.5985 |
| 2009 | 6     | 12  | 21   | 16     | 26     | 0.3       | 1       | 0.73  | 93.1      | 7.3381 | 4.7704 |
| 2009 | 6     | 12  | 21   | 26     | 26     | 0.3       | 1       | 0.72  | 99.1      | 7.3381 | 4.6844 |
| 2009 | 6     | 12  | 21   | 36     | 26     | 0.3       | 1       | 0.76  | 92.5      | 7.3381 | 4.9638 |
| 2009 | 6     | 12  | 21   | 46     | 26     | 0.3       | 1       | 0.73  | 94.1      | 7.3381 | 4.7489 |
| 2009 | 6     | 12  | 21   | 56     | 26     | 0.3       | 1       | 0.71  | 100.7     | 7.3381 | 4.5555 |
| 2009 | 6     | 12  | 22   | 6      | 26     | 0.3       | 1       | 0.75  | 100.1     | 7.3381 | 4.8134 |
| 2009 | 6     | 12  | 22   | 16     | 26     | 0.3       | 1       | 0.66  | 102.3     | 7.3381 | 4.2547 |
| 2009 | 6     | 12  | 22   | 26     | 26     | 0.3       | 1       | 0.81  | 94.4      | 7.3381 | 5.3076 |
| 2009 | 6     | 12  | 22   | 36     | 26     | 0.3       | 1       | 0.74  | 97.7      | 7.3381 | 4.7919 |
| 2009 | 6     | 12  | 22   | 46     | 26     | 0.3       | 1       | 0.69  | 94.7      | 7.3381 | 4.4911 |
| 2009 | 6     | 12  | 22   | 56     | 26     | 0.3       | 1       | 0.77  | 93.2      | 7.3381 | 5.0498 |
| 2009 | 6     | 12  | 23   | 6      | 26     | 0.3       | 1       | 0.73  | 96.2      | 7.3381 | 4.7489 |
| 2009 | 6     | 12  | 23   | 16     | 26     | 0.3       | 1       | 0.69  | 95.5      | 7.3381 | 4.4696 |
| 2009 | 6     | 12  | 23   | 26     | 26     | 0.3       | 1       | 0.79  | 92.1      | 7.3381 | 5.2002 |
| 2009 | 6     | 12  | 23   | 36     | 26     | 0.3       | 1       | 0.68  | 98.9      | 7.3381 | 4.3836 |
| 2009 | 6     | 12  | 23   | 46     | 26     | 0.3       | 1       | 0.71  | 97.4      | 7.3381 | 4.62   |
| 2009 | 6     | 12  | 23   | 56     | 26     | 0.3       | 1       | 0.74  | 97.9      | 7.3188 | 4.7784 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 13  | 0    | 6      | 26     | 0.3       | 1       | 0.69  | 91.1      | 7.3188 | 4.5212 |
| 2009 | 6     | 13  | 0    | 16     | 26     | 0.3       | 1       | 0.76  | 91.2      | 7.3188 | 4.9498 |
| 2009 | 6     | 13  | 0    | 26     | 26     | 0.3       | 1       | 0.71  | 95        | 7.3188 | 4.6498 |
| 2009 | 6     | 13  | 0    | 36     | 26     | 0.3       | 1       | 0.74  | 94.1      | 7.3188 | 4.8212 |
| 2009 | 6     | 13  | 0    | 46     | 26     | 0.3       | 1       | 0.71  | 98.8      | 7.3188 | 4.5641 |
| 2009 | 6     | 13  | 0    | 56     | 26     | 0.3       | 1       | 0.72  | 92.4      | 7.3188 | 4.6927 |
| 2009 | 6     | 13  | 1    | 6      | 26     | 0.3       | 1       | 0.69  | 90.8      | 7.3188 | 4.5213 |
| 2009 | 6     | 13  | 1    | 16     | 26     | 0.3       | 1       | 0.7   | 96.8      | 7.3188 | 4.5213 |
| 2009 | 6     | 13  | 1    | 26     | 26     | 0.3       | 1       | 0.68  | 99.1      | 7.3188 | 4.4141 |
| 2009 | 6     | 13  | 1    | 36     | 26     | 0.3       | 1       | 0.73  | 96.4      | 7.3188 | 4.757  |
| 2009 | 6     | 13  | 1    | 46     | 26     | 0.3       | 1       | 0.77  | 95.9      | 7.3188 | 5.0141 |
| 2009 | 6     | 13  | 1    | 56     | 26     | 0.3       | 1       | 0.73  | 98        | 7.3188 | 4.7141 |
| 2009 | 6     | 13  | 2    | 6      | 26     | 0.3       | 1       | 0.78  | 93.6      | 7.3188 | 5.057  |
| 2009 | 6     | 13  | 2    | 16     | 26     | 0.3       | 1       | 0.64  | 92.1      | 7.3188 | 4.1784 |
| 2009 | 6     | 13  | 2    | 26     | 26     | 0.3       | 1       | 0.67  | 96.5      | 7.3188 | 4.3499 |
| 2009 | 6     | 13  | 2    | 36     | 26     | 0.3       | 1       | 0.73  | 94.1      | 7.3188 | 4.7784 |
| 2009 | 6     | 13  | 2    | 46     | 26     | 0.3       | 1       | 0.67  | 95.4      | 7.3188 | 4.3284 |
| 2009 | 6     | 13  | 2    | 56     | 26     | 0.3       | 1       | 0.65  | 101.7     | 7.3188 | 4.1356 |
| 2009 | 6     | 13  | 3    | 6      | 26     | 0.3       | 1       | 0.72  | 101.8     | 7.3188 | 4.607  |
| 2009 | 6     | 13  | 3    | 16     | 26     | 0.3       | 1       | 0.69  | 103.4     | 7.3188 | 4.3927 |
| 2009 | 6     | 13  | 3    | 26     | 26     | 0.3       | 1       | 0.69  | 98.5      | 7.3188 | 4.457  |
| 2009 | 6     | 13  | 3    | 36     | 26     | 0.3       | 1       | 0.73  | 99.9      | 7.3188 | 4.6713 |
| 2009 | 6     | 13  | 3    | 46     | 26     | 0.3       | 1       | 0.82  | 93.2      | 7.3188 | 5.3356 |
| 2009 | 6     | 13  | 3    | 56     | 26     | 0.3       | 1       | 0.7   | 97        | 7.3188 | 4.5642 |
| 2009 | 6     | 13  | 4    | 6      | 26     | 0.3       | 1       | 0.73  | 103.2     | 7.3188 | 4.6713 |
| 2009 | 6     | 13  | 4    | 16     | 26     | 0.3       | 1       | 0.73  | 98.5      | 7.3188 | 4.7356 |
| 2009 | 6     | 13  | 4    | 26     | 26     | 0.3       | 1       | 0.77  | 101.3     | 7.3188 | 4.9499 |
| 2009 | 6     | 13  | 4    | 36     | 26     | 0.3       | 1       | 0.78  | 99.1      | 7.3188 | 5.057  |
| 2009 | 6     | 13  | 4    | 46     | 26     | 0.3       | 1       | 0.69  | 95.5      | 7.3188 | 4.4785 |
| 2009 | 6     | 13  | 4    | 56     | 26     | 0.3       | 1       | 0.77  | 98.8      | 7.3188 | 4.9927 |
| 2009 | 6     | 13  | 5    | 6      | 26     | 0.3       | 1       | 0.7   | 98.6      | 7.3188 | 4.5428 |
| 2009 | 6     | 13  | 5    | 16     | 26     | 0.3       | 1       | 0.71  | 98.3      | 7.3188 | 4.5642 |
| 2009 | 6     | 13  | 5    | 26     | 26     | 0.3       | 1       | 0.75  | 101.4     | 7.3188 | 4.7785 |
| 2009 | 6     | 13  | 5    | 36     | 26     | 0.3       | 1       | 0.69  | 97.9      | 7.3188 | 4.4785 |
| 2009 | 6     | 13  | 5    | 46     | 26     | 0.3       | 1       | 0.71  | 97.4      | 7.3188 | 4.6285 |
| 2009 | 6     | 13  | 5    | 56     | 26     | 0.3       | 1       | 0.75  | 93.8      | 7.3188 | 4.8642 |
| 2009 | 6     | 13  | 6    | 6      | 26     | 0.3       | 1       | 0.69  | 96.6      | 7.3188 | 4.4571 |
| 2009 | 6     | 13  | 6    | 16     | 26     | 0.3       | 1       | 0.67  | 97.3      | 7.3188 | 4.3714 |
| 2009 | 6     | 13  | 6    | 26     | 26     | 0.3       | 1       | 0.72  | 99.7      | 7.2994 | 4.6368 |
| 2009 | 6     | 13  | 6    | 36     | 26     | 0.3       | 1       | 0.68  | 99.7      | 7.3188 | 4.3714 |
| 2009 | 6     | 13  | 6    | 46     | 26     | 0.3       | 1       | 0.72  | 97.6      | 7.3188 | 4.6714 |
| 2009 | 6     | 13  | 6    | 56     | 26     | 0.3       | 1       | 0.67  | 97.3      | 7.2994 | 4.3163 |
| 2009 | 6     | 13  | 7    | 6      | 26     | 0.3       | 1       | 0.66  | 96.6      | 7.3188 | 4.2642 |
| 2009 | 6     | 13  | 7    | 16     | 26     | 0.3       | 1       | 0.76  | 95.7      | 7.2994 | 4.9359 |
| 2009 | 6     | 13  | 7    | 26     | 26     | 0.3       | 1       | 0.72  | 95.2      | 7.2994 | 4.7009 |
| 2009 | 6     | 13  | 7    | 36     | 26     | 0.3       | 1       | 0.78  | 98.4      | 7.2994 | 5.0428 |
| 2009 | 6     | 13  | 7    | 46     | 26     | 0.3       | 1       | 0.7   | 93.8      | 7.2994 | 4.5299 |
| 2009 | 6     | 13  | 7    | 56     | 26     | 0.3       | 1       | 0.77  | 99.3      | 7.2994 | 4.9573 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 13  | 8    | 6      | 26     | 0.3       | 1       | 0.68  | 96.1      | 7.2994 | 4.3804 |
| 2009 | 6     | 13  | 8    | 16     | 26     | 0.3       | 1       | 0.67  | 90        | 7.2994 | 4.3804 |
| 2009 | 6     | 13  | 8    | 26     | 26     | 0.3       | 1       | 0.7   | 94.8      | 7.2994 | 4.5513 |
| 2009 | 6     | 13  | 8    | 36     | 26     | 0.3       | 1       | 0.69  | 98        | 7.2994 | 4.4231 |
| 2009 | 6     | 13  | 8    | 46     | 26     | 0.3       | 1       | 0.72  | 98.9      | 7.2994 | 4.6154 |
| 2009 | 6     | 13  | 8    | 56     | 26     | 0.3       | 1       | 0.63  | 93        | 7.2994 | 4.1026 |
| 2009 | 6     | 13  | 9    | 6      | 26     | 0.3       | 1       | 0.68  | 100.6     | 7.2994 | 4.359  |
| 2009 | 6     | 13  | 9    | 16     | 26     | 0.3       | 1       | 0.68  | 95.5      | 7.3188 | 4.4356 |
| 2009 | 6     | 13  | 9    | 26     | 26     | 0.3       | 1       | 0.77  | 97.4      | 7.2994 | 4.9572 |
| 2009 | 6     | 13  | 9    | 36     | 26     | 0.3       | 1       | 0.65  | 97.2      | 7.2994 | 4.2094 |
| 2009 | 6     | 13  | 9    | 46     | 26     | 0.3       | 1       | 0.66  | 95.7      | 7.3188 | 4.307  |
| 2009 | 6     | 13  | 9    | 56     | 26     | 0.3       | 1       | 0.66  | 94.8      | 7.3188 | 4.307  |
| 2009 | 6     | 13  | 10   | 6      | 26     | 0.3       | 1       | 0.72  | 90.8      | 7.3188 | 4.6712 |
| 2009 | 6     | 13  | 10   | 16     | 26     | 0.3       | 1       | 0.73  | 91.3      | 7.3188 | 4.7355 |
| 2009 | 6     | 13  | 10   | 26     | 26     | 0.3       | 1       | 0.68  | 95.3      | 7.3188 | 4.4141 |
| 2009 | 6     | 13  | 10   | 36     | 26     | 0.3       | 1       | 0.73  | 92.1      | 7.3188 | 4.7569 |
| 2009 | 6     | 13  | 10   | 46     | 26     | 0.3       | 1       | 0.68  | 95.5      | 7.3188 | 4.4355 |
| 2009 | 6     | 13  | 10   | 56     | 26     | 0.3       | 1       | 0.7   | 94.6      | 7.3188 | 4.564  |
| 2009 | 6     | 13  | 11   | 6      | 26     | 0.3       | 1       | 0.67  | 93.4      | 7.3188 | 4.3712 |
| 2009 | 6     | 13  | 11   | 16     | 26     | 0.3       | 1       | 0.7   | 96.2      | 7.3188 | 4.564  |
| 2009 | 6     | 13  | 11   | 26     | 26     | 0.3       | 1       | 0.67  | 95.9      | 7.3188 | 4.3283 |
| 2009 | 6     | 13  | 11   | 36     | 26     | 0.3       | 1       | 0.71  | 90        | 7.3188 | 4.6497 |
| 2009 | 6     | 13  | 11   | 46     | 26     | 0.3       | 1       | 0.7   | 92.4      | 7.3188 | 4.5639 |
| 2009 | 6     | 13  | 11   | 56     | 26     | 0.3       | 1       | 0.73  | 90.3      | 7.3188 | 4.7996 |
| 2009 | 6     | 13  | 12   | 6      | 26     | 0.3       | 1       | 0.73  | 93.4      | 7.3188 | 4.7567 |
| 2009 | 6     | 13  | 12   | 16     | 26     | 0.3       | 1       | 0.78  | 91.4      | 7.3188 | 5.121  |
| 2009 | 6     | 13  | 12   | 26     | 26     | 0.3       | 1       | 0.75  | 92.5      | 7.3188 | 4.8853 |
| 2009 | 6     | 13  | 12   | 36     | 26     | 0.3       | 1       | 0.74  | 94.6      | 7.3188 | 4.8424 |
| 2009 | 6     | 13  | 12   | 46     | 26     | 0.3       | 1       | 0.73  | 93.6      | 7.3188 | 4.7353 |
| 2009 | 6     | 13  | 12   | 56     | 26     | 0.3       | 1       | 0.79  | 91.4      | 7.3188 | 5.1853 |
| 2009 | 6     | 13  | 13   | 6      | 26     | 0.3       | 1       | 0.63  | 92.1      | 7.3188 | 4.1353 |
| 2009 | 6     | 13  | 13   | 16     | 26     | 0.3       | 1       | 0.68  | 96.7      | 7.3188 | 4.3925 |
| 2009 | 6     | 13  | 13   | 26     | 26     | 0.3       | 1       | 0.71  | 90        | 7.3188 | 4.6067 |
| 2009 | 6     | 13  | 13   | 36     | 26     | 0.3       | 1       | 0.68  | 91.9      | 7.3188 | 4.4567 |
| 2009 | 6     | 13  | 13   | 46     | 26     | 0.3       | 1       | 0.71  | 94.5      | 7.3188 | 4.6067 |
| 2009 | 6     | 13  | 13   | 56     | 26     | 0.3       | 1       | 0.75  | 93.3      | 7.3188 | 4.8852 |
| 2009 | 6     | 13  | 14   | 6      | 26     | 0.3       | 1       | 0.68  | 85.3      | 7.3188 | 4.4567 |
| 2009 | 6     | 13  | 14   | 16     | 26     | 0.3       | 1       | 0.77  | 90.7      | 7.3188 | 5.0567 |
| 2009 | 6     | 13  | 14   | 26     | 26     | 0.3       | 1       | 0.75  | 89.2      | 7.3188 | 4.8852 |
| 2009 | 6     | 13  | 14   | 36     | 26     | 0.3       | 1       | 0.72  | 91.6      | 7.3188 | 4.671  |
| 2009 | 6     | 13  | 14   | 46     | 26     | 0.3       | 1       | 0.74  | 89        | 7.3188 | 4.8424 |
| 2009 | 6     | 13  | 14   | 56     | 26     | 0.3       | 1       | 0.79  | 86.9      | 7.3188 | 5.1209 |
| 2009 | 6     | 13  | 15   | 6      | 26     | 0.3       | 1       | 0.71  | 91.3      | 7.3188 | 4.6281 |
| 2009 | 6     | 13  | 15   | 16     | 26     | 0.3       | 1       | 0.74  | 84.9      | 7.3188 | 4.7995 |
| 2009 | 6     | 13  | 15   | 26     | 26     | 0.3       | 1       | 0.62  | 87        | 7.3188 | 4.0496 |
| 2009 | 6     | 13  | 15   | 36     | 26     | 0.3       | 1       | 0.72  | 88.4      | 7.3188 | 4.6924 |
| 2009 | 6     | 13  | 15   | 46     | 26     | 0.3       | 1       | 0.75  | 91.3      | 7.3188 | 4.8852 |
| 2009 | 6     | 13  | 15   | 56     | 26     | 0.3       | 1       | 0.65  | 86.5      | 7.3188 | 4.2424 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 13  | 16   | 6      | 26     | 0.3       | 1       | 0.73  | 89.5      | 7.3188 | 4.7567 |
| 2009 | 6     | 13  | 16   | 16     | 26     | 0.3       | 1       | 0.63  | 85.5      | 7.3188 | 4.1139 |
| 2009 | 6     | 13  | 16   | 26     | 26     | 0.3       | 1       | 0.68  | 86.7      | 7.3188 | 4.4567 |
| 2009 | 6     | 13  | 16   | 36     | 26     | 0.3       | 1       | 0.75  | 93        | 7.3188 | 4.9067 |
| 2009 | 6     | 13  | 16   | 46     | 26     | 0.3       | 1       | 0.74  | 88.5      | 7.3188 | 4.8424 |
| 2009 | 6     | 13  | 16   | 56     | 26     | 0.3       | 1       | 0.7   | 90        | 7.3188 | 4.5424 |
| 2009 | 6     | 13  | 17   | 6      | 26     | 0.3       | 1       | 0.72  | 88.2      | 7.3188 | 4.7139 |
| 2009 | 6     | 13  | 17   | 16     | 26     | 0.3       | 1       | 0.68  | 90        | 7.3188 | 4.4568 |
| 2009 | 6     | 13  | 17   | 26     | 26     | 0.3       | 1       | 0.75  | 91.3      | 7.2994 | 4.8715 |
| 2009 | 6     | 13  | 17   | 36     | 26     | 0.3       | 1       | 0.65  | 85.4      | 7.2994 | 4.2091 |
| 2009 | 6     | 13  | 17   | 46     | 26     | 0.3       | 1       | 0.69  | 93.3      | 7.2994 | 4.5083 |
| 2009 | 6     | 13  | 17   | 56     | 26     | 0.3       | 1       | 0.74  | 91.3      | 7.2994 | 4.786  |
| 2009 | 6     | 13  | 18   | 6      | 26     | 0.3       | 1       | 0.68  | 89.4      | 7.2994 | 4.4442 |
| 2009 | 6     | 13  | 18   | 16     | 26     | 0.3       | 1       | 0.74  | 93.6      | 7.2994 | 4.8074 |
| 2009 | 6     | 13  | 18   | 26     | 26     | 0.3       | 1       | 0.7   | 100.5     | 7.2994 | 4.5083 |
| 2009 | 6     | 13  | 18   | 36     | 26     | 0.3       | 1       | 0.68  | 94.7      | 7.2994 | 4.4015 |
| 2009 | 6     | 13  | 18   | 46     | 26     | 0.3       | 1       | 0.67  | 88.6      | 7.2994 | 4.3587 |
| 2009 | 6     | 13  | 18   | 56     | 26     | 0.3       | 1       | 0.69  | 97.6      | 7.2994 | 4.4656 |
| 2009 | 6     | 13  | 19   | 6      | 26     | 0.3       | 1       | 0.73  | 93.1      | 7.2994 | 4.722  |
| 2009 | 6     | 13  | 19   | 16     | 26     | 0.3       | 1       | 0.72  | 100.2     | 7.2994 | 4.6151 |
| 2009 | 6     | 13  | 19   | 26     | 26     | 0.3       | 1       | 0.71  | 92.4      | 7.2994 | 4.6152 |
| 2009 | 6     | 13  | 19   | 36     | 26     | 0.3       | 1       | 0.69  | 91.1      | 7.2994 | 4.4656 |
| 2009 | 6     | 13  | 19   | 46     | 26     | 0.3       | 1       | 0.68  | 97.2      | 7.2994 | 4.3801 |
| 2009 | 6     | 13  | 19   | 56     | 26     | 0.3       | 1       | 0.69  | 93.3      | 7.2994 | 4.4656 |
| 2009 | 6     | 13  | 20   | 6      | 26     | 0.3       | 1       | 0.71  | 95.3      | 7.2994 | 4.5724 |
| 2009 | 6     | 13  | 20   | 16     | 26     | 0.3       | 1       | 0.68  | 93.3      | 7.2994 | 4.4015 |
| 2009 | 6     | 13  | 20   | 26     | 26     | 0.3       | 1       | 0.69  | 98.5      | 7.2994 | 4.4229 |
| 2009 | 6     | 13  | 20   | 36     | 26     | 0.3       | 1       | 0.7   | 96.2      | 7.2994 | 4.5511 |
| 2009 | 6     | 13  | 20   | 46     | 26     | 0.3       | 1       | 0.7   | 97.8      | 7.2994 | 4.5084 |
| 2009 | 6     | 13  | 20   | 56     | 26     | 0.3       | 1       | 0.73  | 95.7      | 7.2994 | 4.722  |
| 2009 | 6     | 13  | 21   | 6      | 26     | 0.3       | 1       | 0.66  | 92.6      | 7.2994 | 4.2947 |
| 2009 | 6     | 13  | 21   | 16     | 26     | 0.3       | 1       | 0.77  | 91.9      | 7.2994 | 5.0212 |
| 2009 | 6     | 13  | 21   | 26     | 26     | 0.3       | 1       | 0.71  | 98.8      | 7.2994 | 4.5511 |
| 2009 | 6     | 13  | 21   | 36     | 26     | 0.3       | 1       | 0.67  | 92.8      | 7.2994 | 4.3375 |
| 2009 | 6     | 13  | 21   | 46     | 26     | 0.3       | 1       | 0.75  | 99.8      | 7.2994 | 4.8289 |
| 2009 | 6     | 13  | 21   | 56     | 26     | 0.3       | 1       | 0.73  | 96.2      | 7.2994 | 4.7221 |
| 2009 | 6     | 13  | 22   | 6      | 26     | 0.3       | 1       | 0.71  | 96.1      | 7.2994 | 4.5939 |
| 2009 | 6     | 13  | 22   | 16     | 26     | 0.3       | 1       | 0.75  | 102.1     | 7.2994 | 4.7648 |
| 2009 | 6     | 13  | 22   | 26     | 26     | 0.3       | 1       | 0.7   | 99.4      | 7.2994 | 4.5298 |
| 2009 | 6     | 13  | 22   | 36     | 26     | 0.3       | 1       | 0.7   | 97.8      | 7.2994 | 4.5298 |
| 2009 | 6     | 13  | 22   | 46     | 26     | 0.3       | 1       | 0.82  | 94.3      | 7.2994 | 5.3417 |
| 2009 | 6     | 13  | 22   | 56     | 26     | 0.3       | 1       | 0.72  | 94.7      | 7.2994 | 4.7007 |
| 2009 | 6     | 13  | 23   | 6      | 26     | 0.3       | 1       | 0.7   | 95.7      | 7.2994 | 4.5298 |
| 2009 | 6     | 13  | 23   | 16     | 26     | 0.3       | 1       | 0.66  | 97.4      | 7.2994 | 4.2948 |
| 2009 | 6     | 13  | 23   | 26     | 26     | 0.3       | 1       | 0.73  | 99.9      | 7.2994 | 4.658  |
| 2009 | 6     | 13  | 23   | 36     | 26     | 0.3       | 1       | 0.68  | 93.6      | 7.2994 | 4.4443 |
| 2009 | 6     | 13  | 23   | 46     | 26     | 0.3       | 1       | 0.7   | 97.9      | 7.2994 | 4.4871 |
| 2009 | 6     | 13  | 23   | 56     | 26     | 0.3       | 1       | 0.8   | 101.1     | 7.2994 | 5.1067 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 14  | 0    | 6      | 26     | 0.3       | 1       | 0.73  | 100.4     | 7.2994 | 4.6794 |
| 2009 | 6     | 14  | 0    | 16     | 26     | 0.3       | 1       | 0.71  | 93.2      | 7.2994 | 4.5939 |
| 2009 | 6     | 14  | 0    | 26     | 26     | 0.3       | 1       | 0.76  | 97.5      | 7.2994 | 4.8931 |
| 2009 | 6     | 14  | 0    | 36     | 26     | 0.3       | 1       | 0.73  | 95.7      | 7.2994 | 4.7008 |
| 2009 | 6     | 14  | 0    | 46     | 26     | 0.3       | 1       | 0.75  | 97.1      | 7.2994 | 4.829  |
| 2009 | 6     | 14  | 0    | 56     | 26     | 0.3       | 1       | 0.72  | 104.5     | 7.2994 | 4.5512 |
| 2009 | 6     | 14  | 1    | 6      | 26     | 0.3       | 1       | 0.75  | 93.5      | 7.2994 | 4.8504 |
| 2009 | 6     | 14  | 1    | 16     | 26     | 0.3       | 1       | 0.71  | 95.6      | 7.2994 | 4.594  |
| 2009 | 6     | 14  | 1    | 26     | 26     | 0.3       | 1       | 0.74  | 96.8      | 7.2994 | 4.8076 |
| 2009 | 6     | 14  | 1    | 36     | 26     | 0.3       | 1       | 0.78  | 98.5      | 7.2994 | 4.9999 |
| 2009 | 6     | 14  | 1    | 46     | 26     | 0.3       | 1       | 0.75  | 96.3      | 7.2994 | 4.8504 |
| 2009 | 6     | 14  | 1    | 56     | 26     | 0.3       | 1       | 0.82  | 91.8      | 7.2994 | 5.3205 |
| 2009 | 6     | 14  | 2    | 6      | 26     | 0.3       | 1       | 0.69  | 100.4     | 7.2994 | 4.4444 |
| 2009 | 6     | 14  | 2    | 16     | 26     | 0.3       | 1       | 0.74  | 97.2      | 7.2994 | 4.7649 |
| 2009 | 6     | 14  | 2    | 26     | 26     | 0.3       | 1       | 0.65  | 94.9      | 7.2994 | 4.2094 |
| 2009 | 6     | 14  | 2    | 36     | 26     | 0.3       | 1       | 0.77  | 95.6      | 7.2994 | 4.9786 |
| 2009 | 6     | 14  | 2    | 46     | 26     | 0.3       | 1       | 0.73  | 100.8     | 7.2994 | 4.7008 |
| 2009 | 6     | 14  | 2    | 56     | 26     | 0.3       | 1       | 0.79  | 96.2      | 7.2994 | 5.0855 |
| 2009 | 6     | 14  | 3    | 6      | 26     | 0.3       | 1       | 0.69  | 94.1      | 7.2994 | 4.5085 |
| 2009 | 6     | 14  | 3    | 16     | 26     | 0.3       | 1       | 0.7   | 94        | 7.2994 | 4.5513 |
| 2009 | 6     | 14  | 3    | 26     | 26     | 0.3       | 1       | 0.71  | 95.6      | 7.2994 | 4.6154 |
| 2009 | 6     | 14  | 3    | 36     | 26     | 0.3       | 1       | 0.75  | 95.8      | 7.2994 | 4.8504 |
| 2009 | 6     | 14  | 3    | 46     | 26     | 0.3       | 1       | 0.72  | 98.9      | 7.2994 | 4.6581 |
| 2009 | 6     | 14  | 3    | 56     | 26     | 0.3       | 1       | 0.78  | 99.5      | 7.2994 | 4.9787 |
| 2009 | 6     | 14  | 4    | 6      | 26     | 0.3       | 1       | 0.72  | 100.4     | 7.2994 | 4.6368 |
| 2009 | 6     | 14  | 4    | 16     | 26     | 0.3       | 1       | 0.77  | 101.3     | 7.2994 | 4.9359 |
| 2009 | 6     | 14  | 4    | 26     | 26     | 0.3       | 1       | 0.72  | 96        | 7.2994 | 4.6795 |
| 2009 | 6     | 14  | 4    | 36     | 26     | 0.3       | 1       | 0.69  | 97.9      | 7.2994 | 4.4658 |
| 2009 | 6     | 14  | 4    | 46     | 26     | 0.3       | 1       | 0.67  | 97.3      | 7.2994 | 4.359  |
| 2009 | 6     | 14  | 4    | 56     | 26     | 0.3       | 1       | 0.79  | 97.7      | 7.2994 | 5.0855 |
| 2009 | 6     | 14  | 5    | 6      | 26     | 0.3       | 1       | 0.69  | 99        | 7.2994 | 4.4659 |
| 2009 | 6     | 14  | 5    | 16     | 26     | 0.3       | 1       | 0.76  | 102       | 7.2994 | 4.8291 |
| 2009 | 6     | 14  | 5    | 26     | 26     | 0.3       | 1       | 0.7   | 93.8      | 7.2994 | 4.53   |
| 2009 | 6     | 14  | 5    | 36     | 26     | 0.3       | 1       | 0.68  | 94.2      | 7.2994 | 4.4018 |
| 2009 | 6     | 14  | 5    | 46     | 26     | 0.3       | 1       | 0.72  | 89.7      | 7.2994 | 4.6796 |
| 2009 | 6     | 14  | 5    | 56     | 26     | 0.3       | 1       | 0.74  | 92.3      | 7.2994 | 4.8291 |
| 2009 | 6     | 14  | 6    | 6      | 26     | 0.3       | 1       | 0.79  | 97.9      | 7.3188 | 5.1214 |
| 2009 | 6     | 14  | 6    | 16     | 26     | 0.3       | 1       | 0.78  | 95.6      | 7.3188 | 5.0571 |
| 2009 | 6     | 14  | 6    | 26     | 26     | 0.3       | 1       | 0.67  | 99.9      | 7.3188 | 4.3071 |
| 2009 | 6     | 14  | 6    | 36     | 26     | 0.3       | 1       | 0.71  | 100.2     | 7.2994 | 4.53   |
| 2009 | 6     | 14  | 6    | 46     | 26     | 0.3       | 1       | 0.74  | 96.3      | 7.3188 | 4.8214 |
| 2009 | 6     | 14  | 6    | 56     | 26     | 0.3       | 1       | 0.76  | 95.9      | 7.2994 | 4.936  |
| 2009 | 6     | 14  | 7    | 6      | 26     | 0.3       | 1       | 0.81  | 96.5      | 7.2994 | 5.2138 |
| 2009 | 6     | 14  | 7    | 16     | 26     | 0.3       | 1       | 0.74  | 104.5     | 7.3188 | 4.65   |
| 2009 | 6     | 14  | 7    | 26     | 26     | 0.3       | 1       | 0.79  | 101.3     | 7.2994 | 5.0215 |
| 2009 | 6     | 14  | 7    | 36     | 26     | 0.3       | 1       | 0.74  | 93.8      | 7.2994 | 4.8078 |
| 2009 | 6     | 14  | 7    | 46     | 26     | 0.3       | 1       | 0.75  | 91        | 7.2994 | 4.9146 |
| 2009 | 6     | 14  | 7    | 56     | 26     | 0.3       | 1       | 0.76  | 97.2      | 7.2994 | 4.9146 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 14  | 8    | 6      | 26     | 0.3       | 1       | 0.79  | 97.6      | 7.2994 | 5.1069 |
| 2009 | 6     | 14  | 8    | 16     | 26     | 0.3       | 1       | 0.77  | 94.9      | 7.2994 | 4.9787 |
| 2009 | 6     | 14  | 8    | 26     | 26     | 0.3       | 1       | 0.71  | 94.2      | 7.2994 | 4.6369 |
| 2009 | 6     | 14  | 8    | 36     | 26     | 0.3       | 1       | 0.73  | 95.1      | 7.2994 | 4.7651 |
| 2009 | 6     | 14  | 8    | 46     | 26     | 0.3       | 1       | 0.77  | 97.1      | 7.2994 | 4.9787 |
| 2009 | 6     | 14  | 8    | 56     | 26     | 0.3       | 1       | 0.75  | 97.8      | 7.3188 | 4.8214 |
| 2009 | 6     | 14  | 9    | 6      | 26     | 0.3       | 1       | 0.75  | 97.8      | 7.2994 | 4.8505 |
| 2009 | 6     | 14  | 9    | 16     | 26     | 0.3       | 1       | 0.76  | 95.9      | 7.3188 | 4.9499 |
| 2009 | 6     | 14  | 9    | 26     | 26     | 0.3       | 1       | 0.76  | 94.2      | 7.3188 | 4.9285 |
| 2009 | 6     | 14  | 9    | 36     | 26     | 0.3       | 1       | 0.8   | 99.7      | 7.3188 | 5.1213 |
| 2009 | 6     | 14  | 9    | 46     | 26     | 0.3       | 1       | 0.7   | 97.8      | 7.3188 | 4.5428 |
| 2009 | 6     | 14  | 9    | 56     | 26     | 0.3       | 1       | 0.77  | 93.9      | 7.3188 | 4.9928 |
| 2009 | 6     | 14  | 10   | 6      | 26     | 0.3       | 1       | 0.76  | 98.7      | 7.3188 | 4.9285 |
| 2009 | 6     | 14  | 10   | 16     | 26     | 0.3       | 1       | 0.76  | 95.2      | 7.3188 | 4.9499 |
| 2009 | 6     | 14  | 10   | 26     | 26     | 0.3       | 1       | 0.79  | 92.9      | 7.3188 | 5.1213 |
| 2009 | 6     | 14  | 10   | 36     | 26     | 0.3       | 1       | 0.73  | 98.8      | 7.3188 | 4.7141 |
| 2009 | 6     | 14  | 10   | 46     | 26     | 0.3       | 1       | 0.86  | 93        | 7.3188 | 5.6355 |
| 2009 | 6     | 14  | 10   | 56     | 26     | 0.3       | 1       | 0.69  | 93.3      | 7.3188 | 4.4998 |
| 2009 | 6     | 14  | 11   | 6      | 26     | 0.3       | 1       | 0.81  | 91.2      | 7.3188 | 5.2712 |
| 2009 | 6     | 14  | 11   | 16     | 26     | 0.3       | 1       | 0.69  | 94.9      | 7.3188 | 4.4998 |
| 2009 | 6     | 14  | 11   | 26     | 26     | 0.3       | 1       | 0.73  | 93.1      | 7.3188 | 4.7569 |
| 2009 | 6     | 14  | 11   | 36     | 26     | 0.3       | 1       | 0.72  | 97.1      | 7.3188 | 4.6712 |
| 2009 | 6     | 14  | 11   | 46     | 26     | 0.3       | 1       | 0.72  | 93.9      | 7.3188 | 4.714  |
| 2009 | 6     | 14  | 11   | 56     | 26     | 0.3       | 1       | 0.73  | 99.9      | 7.3188 | 4.6711 |
| 2009 | 6     | 14  | 12   | 6      | 26     | 0.3       | 1       | 0.73  | 94.9      | 7.3188 | 4.7354 |
| 2009 | 6     | 14  | 12   | 16     | 26     | 0.3       | 1       | 0.78  | 94.8      | 7.3188 | 5.0996 |
| 2009 | 6     | 14  | 12   | 26     | 26     | 0.3       | 1       | 0.76  | 95.7      | 7.3188 | 4.9282 |
| 2009 | 6     | 14  | 12   | 36     | 26     | 0.3       | 1       | 0.72  | 91.3      | 7.3188 | 4.6925 |
| 2009 | 6     | 14  | 12   | 46     | 26     | 0.3       | 1       | 0.68  | 87.5      | 7.3188 | 4.4568 |
| 2009 | 6     | 14  | 12   | 56     | 26     | 0.3       | 1       | 0.74  | 91.3      | 7.3188 | 4.7996 |
| 2009 | 6     | 14  | 13   | 6      | 26     | 0.3       | 1       | 0.65  | 89.1      | 7.3188 | 4.2211 |
| 2009 | 6     | 14  | 13   | 16     | 26     | 0.3       | 1       | 0.71  | 88.7      | 7.3381 | 4.6198 |
| 2009 | 6     | 14  | 13   | 26     | 26     | 0.3       | 1       | 0.73  | 94.9      | 7.3188 | 4.7781 |
| 2009 | 6     | 14  | 13   | 36     | 26     | 0.3       | 1       | 0.75  | 97.8      | 7.3381 | 4.8561 |
| 2009 | 6     | 14  | 13   | 46     | 26     | 0.3       | 1       | 0.76  | 91.2      | 7.3381 | 4.9635 |
| 2009 | 6     | 14  | 13   | 56     | 26     | 0.3       | 1       | 0.68  | 91.7      | 7.3381 | 4.4693 |
| 2009 | 6     | 14  | 14   | 6      | 26     | 0.3       | 1       | 0.74  | 91.3      | 7.3381 | 4.8346 |
| 2009 | 6     | 14  | 14   | 16     | 26     | 0.3       | 1       | 0.7   | 84.9      | 7.3381 | 4.5982 |
| 2009 | 6     | 14  | 14   | 26     | 26     | 0.3       | 1       | 0.69  | 85.4      | 7.3381 | 4.5123 |
| 2009 | 6     | 14  | 14   | 36     | 26     | 0.3       | 1       | 0.71  | 91.6      | 7.3381 | 4.6412 |
| 2009 | 6     | 14  | 14   | 46     | 26     | 0.3       | 1       | 0.72  | 92.9      | 7.3381 | 4.6841 |
| 2009 | 6     | 14  | 14   | 56     | 26     | 0.3       | 1       | 0.78  | 88.8      | 7.3381 | 5.0924 |
| 2009 | 6     | 14  | 15   | 6      | 26     | 0.3       | 1       | 0.7   | 90        | 7.3381 | 4.5982 |
| 2009 | 6     | 14  | 15   | 16     | 26     | 0.3       | 1       | 0.72  | 86.1      | 7.3381 | 4.7056 |
| 2009 | 6     | 14  | 15   | 26     | 26     | 0.3       | 1       | 0.63  | 86.4      | 7.3381 | 4.147  |
| 2009 | 6     | 14  | 15   | 36     | 26     | 0.3       | 1       | 0.74  | 83.9      | 7.3188 | 4.8209 |
| 2009 | 6     | 14  | 15   | 46     | 26     | 0.3       | 1       | 0.72  | 88.9      | 7.3381 | 4.6841 |
| 2009 | 6     | 14  | 15   | 56     | 26     | 0.3       | 1       | 0.69  | 94.4      | 7.3188 | 4.4781 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 14  | 16   | 6      | 26     | 0.3       | 1       | 0.74  | 88.7      | 7.3188 | 4.8209 |
| 2009 | 6     | 14  | 16   | 16     | 26     | 0.3       | 1       | 0.74  | 89        | 7.3188 | 4.7995 |
| 2009 | 6     | 14  | 16   | 26     | 26     | 0.3       | 1       | 0.77  | 86.6      | 7.3188 | 5.0352 |
| 2009 | 6     | 14  | 16   | 36     | 26     | 0.3       | 1       | 0.7   | 89.7      | 7.3188 | 4.5853 |
| 2009 | 6     | 14  | 16   | 46     | 26     | 0.3       | 1       | 0.69  | 90        | 7.3188 | 4.521  |
| 2009 | 6     | 14  | 16   | 56     | 26     | 0.3       | 1       | 0.71  | 87.4      | 7.3188 | 4.6496 |
| 2009 | 6     | 14  | 17   | 6      | 26     | 0.3       | 1       | 0.75  | 89        | 7.3188 | 4.9067 |
| 2009 | 6     | 14  | 17   | 16     | 26     | 0.3       | 1       | 0.76  | 95.2      | 7.3188 | 4.971  |
| 2009 | 6     | 14  | 17   | 26     | 26     | 0.3       | 1       | 0.75  | 94        | 7.3188 | 4.8638 |
| 2009 | 6     | 14  | 17   | 36     | 26     | 0.3       | 1       | 0.75  | 93        | 7.3188 | 4.8853 |
| 2009 | 6     | 14  | 17   | 46     | 26     | 0.3       | 1       | 0.69  | 88.4      | 7.3188 | 4.521  |
| 2009 | 6     | 14  | 17   | 56     | 26     | 0.3       | 1       | 0.68  | 93.3      | 7.3188 | 4.4139 |
| 2009 | 6     | 14  | 18   | 6      | 26     | 0.3       | 1       | 0.67  | 92        | 7.3188 | 4.3925 |
| 2009 | 6     | 14  | 18   | 16     | 26     | 0.3       | 1       | 0.71  | 92.6      | 7.3188 | 4.6496 |
| 2009 | 6     | 14  | 18   | 26     | 26     | 0.3       | 1       | 0.69  | 93.8      | 7.3188 | 4.5211 |
| 2009 | 6     | 14  | 18   | 36     | 26     | 0.3       | 1       | 0.75  | 97.8      | 7.3188 | 4.8425 |
| 2009 | 6     | 14  | 18   | 46     | 26     | 0.3       | 1       | 0.79  | 94.1      | 7.3188 | 5.1424 |
| 2009 | 6     | 14  | 18   | 56     | 26     | 0.3       | 1       | 0.74  | 92.3      | 7.3188 | 4.8425 |
| 2009 | 6     | 14  | 19   | 6      | 26     | 0.3       | 1       | 0.63  | 85.8      | 7.3188 | 4.0925 |
| 2009 | 6     | 14  | 19   | 16     | 26     | 0.3       | 1       | 0.74  | 92        | 7.3188 | 4.7996 |
| 2009 | 6     | 14  | 19   | 26     | 26     | 0.3       | 1       | 0.7   | 98.1      | 7.3188 | 4.4997 |
| 2009 | 6     | 14  | 19   | 36     | 26     | 0.3       | 1       | 0.82  | 94.4      | 7.3188 | 5.3353 |
| 2009 | 6     | 14  | 19   | 46     | 26     | 0.3       | 1       | 0.77  | 97.4      | 7.3188 | 4.9711 |
| 2009 | 6     | 14  | 19   | 56     | 26     | 0.3       | 1       | 0.75  | 94.5      | 7.3188 | 4.9068 |
| 2009 | 6     | 14  | 20   | 6      | 26     | 0.3       | 1       | 0.69  | 96.8      | 7.3188 | 4.4782 |
| 2009 | 6     | 14  | 20   | 16     | 26     | 0.3       | 1       | 0.72  | 95        | 7.3188 | 4.6711 |
| 2009 | 6     | 14  | 20   | 26     | 26     | 0.3       | 1       | 0.79  | 95.2      | 7.3188 | 5.1639 |
| 2009 | 6     | 14  | 20   | 36     | 26     | 0.3       | 1       | 0.76  | 94.5      | 7.3188 | 4.9282 |
| 2009 | 6     | 14  | 20   | 46     | 26     | 0.3       | 1       | 0.71  | 99.1      | 7.3188 | 4.564  |
| 2009 | 6     | 14  | 20   | 56     | 26     | 0.3       | 1       | 0.73  | 93.1      | 7.3188 | 4.7354 |
| 2009 | 6     | 14  | 21   | 6      | 26     | 0.3       | 1       | 0.73  | 98.8      | 7.3188 | 4.6925 |
| 2009 | 6     | 14  | 21   | 16     | 26     | 0.3       | 1       | 0.72  | 87.4      | 7.3188 | 4.714  |
| 2009 | 6     | 14  | 21   | 26     | 26     | 0.3       | 1       | 0.76  | 98.2      | 7.3188 | 4.9282 |
| 2009 | 6     | 14  | 21   | 36     | 26     | 0.3       | 1       | 0.73  | 90        | 7.3188 | 4.7997 |
| 2009 | 6     | 14  | 21   | 46     | 26     | 0.3       | 1       | 0.82  | 96.4      | 7.3188 | 5.3353 |
| 2009 | 6     | 14  | 21   | 56     | 26     | 0.3       | 1       | 0.66  | 91.7      | 7.3188 | 4.3283 |
| 2009 | 6     | 14  | 22   | 6      | 26     | 0.3       | 1       | 0.77  | 96.6      | 7.3188 | 4.9925 |
| 2009 | 6     | 14  | 22   | 16     | 26     | 0.3       | 1       | 0.71  | 97.7      | 7.3188 | 4.5854 |
| 2009 | 6     | 14  | 22   | 26     | 26     | 0.3       | 1       | 0.75  | 97.8      | 7.3188 | 4.864  |
| 2009 | 6     | 14  | 22   | 36     | 26     | 0.3       | 1       | 0.76  | 93.5      | 7.3188 | 4.9282 |
| 2009 | 6     | 14  | 22   | 46     | 26     | 0.3       | 1       | 0.75  | 96.1      | 7.3188 | 4.8425 |
| 2009 | 6     | 14  | 22   | 56     | 26     | 0.3       | 1       | 0.79  | 90        | 7.3188 | 5.1639 |
| 2009 | 6     | 14  | 23   | 6      | 26     | 0.3       | 1       | 0.8   | 98.1      | 7.3188 | 5.1425 |
| 2009 | 6     | 14  | 23   | 16     | 26     | 0.3       | 1       | 0.73  | 98.3      | 7.3188 | 4.6925 |
| 2009 | 6     | 14  | 23   | 26     | 26     | 0.3       | 1       | 0.78  | 100.2     | 7.3188 | 4.9925 |
| 2009 | 6     | 14  | 23   | 36     | 26     | 0.3       | 1       | 0.73  | 100.7     | 7.3188 | 4.6711 |
| 2009 | 6     | 14  | 23   | 46     | 26     | 0.3       | 1       | 0.72  | 92.6      | 7.3188 | 4.6711 |
| 2009 | 6     | 14  | 23   | 56     | 26     | 0.3       | 1       | 0.75  | 97.5      | 7.3188 | 4.8854 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 15  | 0    | 6      | 26     | 0.3       | 1       | 0.73  | 99.1      | 7.3188 | 4.6926 |
| 2009 | 6     | 15  | 0    | 16     | 26     | 0.3       | 1       | 0.74  | 92.3      | 7.3188 | 4.8211 |
| 2009 | 6     | 15  | 0    | 26     | 26     | 0.3       | 1       | 0.7   | 93.5      | 7.3188 | 4.564  |
| 2009 | 6     | 15  | 0    | 36     | 26     | 0.3       | 1       | 0.71  | 97.7      | 7.3188 | 4.5854 |
| 2009 | 6     | 15  | 0    | 46     | 26     | 0.3       | 1       | 0.7   | 96.7      | 7.3188 | 4.564  |
| 2009 | 6     | 15  | 0    | 56     | 26     | 0.3       | 1       | 0.69  | 99.8      | 7.3188 | 4.4569 |
| 2009 | 6     | 15  | 1    | 6      | 26     | 0.3       | 1       | 0.67  | 102.8     | 7.3188 | 4.2426 |
| 2009 | 6     | 15  | 1    | 16     | 26     | 0.3       | 1       | 0.77  | 95.1      | 7.3188 | 5.0354 |
| 2009 | 6     | 15  | 1    | 26     | 26     | 0.3       | 1       | 0.72  | 99.5      | 7.3188 | 4.6069 |
| 2009 | 6     | 15  | 1    | 36     | 26     | 0.3       | 1       | 0.75  | 91.3      | 7.3188 | 4.8854 |
| 2009 | 6     | 15  | 1    | 46     | 26     | 0.3       | 1       | 0.71  | 94        | 7.3188 | 4.6283 |
| 2009 | 6     | 15  | 1    | 56     | 26     | 0.3       | 1       | 0.69  | 101       | 7.3188 | 4.4141 |
| 2009 | 6     | 15  | 2    | 6      | 26     | 0.3       | 1       | 0.76  | 94.7      | 7.3188 | 4.9712 |
| 2009 | 6     | 15  | 2    | 16     | 26     | 0.3       | 1       | 0.72  | 97.9      | 7.3188 | 4.6283 |
| 2009 | 6     | 15  | 2    | 26     | 26     | 0.3       | 1       | 0.76  | 91.7      | 7.3188 | 4.9497 |
| 2009 | 6     | 15  | 2    | 36     | 26     | 0.3       | 1       | 0.76  | 91.7      | 7.3188 | 4.9498 |
| 2009 | 6     | 15  | 2    | 46     | 26     | 0.3       | 1       | 0.72  | 92.9      | 7.3188 | 4.7141 |
| 2009 | 6     | 15  | 2    | 56     | 26     | 0.3       | 1       | 0.76  | 94.5      | 7.3188 | 4.9283 |
| 2009 | 6     | 15  | 3    | 6      | 26     | 0.3       | 1       | 0.71  | 95.3      | 7.3188 | 4.6284 |
| 2009 | 6     | 15  | 3    | 16     | 26     | 0.3       | 1       | 0.68  | 100       | 7.3188 | 4.3927 |
| 2009 | 6     | 15  | 3    | 26     | 26     | 0.3       | 1       | 0.71  | 104.7     | 7.3188 | 4.4998 |
| 2009 | 6     | 15  | 3    | 36     | 26     | 0.3       | 1       | 0.73  | 98        | 7.3188 | 4.7141 |
| 2009 | 6     | 15  | 3    | 46     | 26     | 0.3       | 1       | 0.64  | 90        | 7.3188 | 4.157  |
| 2009 | 6     | 15  | 3    | 56     | 26     | 0.3       | 1       | 0.75  | 96.3      | 7.3188 | 4.8641 |
| 2009 | 6     | 15  | 4    | 6      | 26     | 0.3       | 1       | 0.75  | 90.5      | 7.3188 | 4.9069 |
| 2009 | 6     | 15  | 4    | 16     | 26     | 0.3       | 1       | 0.69  | 98        | 7.3188 | 4.4355 |
| 2009 | 6     | 15  | 4    | 26     | 26     | 0.3       | 1       | 0.68  | 97        | 7.3188 | 4.3927 |
| 2009 | 6     | 15  | 4    | 36     | 26     | 0.3       | 1       | 0.67  | 96.7      | 7.3188 | 4.3713 |
| 2009 | 6     | 15  | 4    | 46     | 26     | 0.3       | 1       | 0.79  | 98.1      | 7.3188 | 5.1212 |
| 2009 | 6     | 15  | 4    | 56     | 26     | 0.3       | 1       | 0.67  | 94.7      | 7.3188 | 4.3927 |
| 2009 | 6     | 15  | 5    | 6      | 26     | 0.3       | 1       | 0.73  | 92.8      | 7.3188 | 4.7356 |
| 2009 | 6     | 15  | 5    | 16     | 26     | 0.3       | 1       | 0.77  | 96.9      | 7.3188 | 4.9927 |
| 2009 | 6     | 15  | 5    | 26     | 26     | 0.3       | 1       | 0.73  | 98.3      | 7.3188 | 4.7141 |
| 2009 | 6     | 15  | 5    | 36     | 26     | 0.3       | 1       | 0.78  | 98.2      | 7.3188 | 5.057  |
| 2009 | 6     | 15  | 5    | 46     | 26     | 0.3       | 1       | 0.74  | 99.8      | 7.3188 | 4.7356 |
| 2009 | 6     | 15  | 5    | 56     | 26     | 0.3       | 1       | 0.69  | 93.3      | 7.2994 | 4.4658 |
| 2009 | 6     | 15  | 6    | 6      | 26     | 0.3       | 1       | 0.73  | 99.8      | 7.3188 | 4.6927 |
| 2009 | 6     | 15  | 6    | 16     | 26     | 0.3       | 1       | 0.69  | 88.6      | 7.2994 | 4.4658 |
| 2009 | 6     | 15  | 6    | 26     | 26     | 0.3       | 1       | 0.71  | 102.5     | 7.2994 | 4.5299 |
| 2009 | 6     | 15  | 6    | 36     | 26     | 0.3       | 1       | 0.71  | 95.3      | 7.2994 | 4.5726 |
| 2009 | 6     | 15  | 6    | 46     | 26     | 0.3       | 1       | 0.68  | 98.6      | 7.3188 | 4.4142 |
| 2009 | 6     | 15  | 6    | 56     | 26     | 0.3       | 1       | 0.7   | 94        | 7.2994 | 4.5726 |
| 2009 | 6     | 15  | 7    | 6      | 26     | 0.3       | 1       | 0.78  | 100.2     | 7.2994 | 4.9786 |
| 2009 | 6     | 15  | 7    | 16     | 26     | 0.3       | 1       | 0.71  | 99        | 7.2994 | 4.594  |
| 2009 | 6     | 15  | 7    | 26     | 26     | 0.3       | 1       | 0.69  | 99.6      | 7.3188 | 4.457  |
| 2009 | 6     | 15  | 7    | 36     | 26     | 0.3       | 1       | 0.61  | 104       | 7.3188 | 3.8785 |
| 2009 | 6     | 15  | 7    | 46     | 26     | 0.3       | 1       | 0.72  | 95.8      | 7.3188 | 4.6499 |
| 2009 | 6     | 15  | 7    | 56     | 26     | 0.3       | 1       | 0.69  | 99.2      | 7.3188 | 4.4785 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 15  | 8    | 6      | 26     | 0.3       | 1       | 0.7   | 97        | 7.3188 | 4.5213 |
| 2009 | 6     | 15  | 8    | 16     | 26     | 0.3       | 1       | 0.7   | 94.3      | 7.3188 | 4.5856 |
| 2009 | 6     | 15  | 8    | 26     | 26     | 0.3       | 1       | 0.68  | 100.6     | 7.2994 | 4.3589 |
| 2009 | 6     | 15  | 8    | 36     | 26     | 0.3       | 1       | 0.77  | 94.2      | 7.2994 | 5      |
| 2009 | 6     | 15  | 8    | 46     | 26     | 0.3       | 1       | 0.65  | 98.4      | 7.2994 | 4.2094 |
| 2009 | 6     | 15  | 8    | 56     | 26     | 0.3       | 1       | 0.74  | 94.6      | 7.2994 | 4.7863 |
| 2009 | 6     | 15  | 9    | 6      | 26     | 0.3       | 1       | 0.67  | 95.4      | 7.2994 | 4.3162 |
| 2009 | 6     | 15  | 9    | 16     | 26     | 0.3       | 1       | 0.82  | 96.2      | 7.3188 | 5.3355 |
| 2009 | 6     | 15  | 9    | 26     | 26     | 0.3       | 1       | 0.68  | 93.9      | 7.3188 | 4.4355 |
| 2009 | 6     | 15  | 9    | 36     | 26     | 0.3       | 1       | 0.65  | 101.7     | 7.3188 | 4.1355 |
| 2009 | 6     | 15  | 9    | 46     | 26     | 0.3       | 1       | 0.7   | 96.5      | 7.3188 | 4.5212 |
| 2009 | 6     | 15  | 9    | 56     | 26     | 0.3       | 1       | 0.74  | 97.4      | 7.3188 | 4.7998 |
| 2009 | 6     | 15  | 10   | 6      | 26     | 0.3       | 1       | 0.7   | 88.4      | 7.3188 | 4.5426 |
| 2009 | 6     | 15  | 10   | 16     | 26     | 0.3       | 1       | 0.7   | 90        | 7.3188 | 4.564  |
| 2009 | 6     | 15  | 10   | 26     | 26     | 0.3       | 1       | 0.72  | 96        | 7.3188 | 4.6712 |
| 2009 | 6     | 15  | 10   | 36     | 26     | 0.3       | 1       | 0.71  | 95.9      | 7.3188 | 4.5854 |
| 2009 | 6     | 15  | 10   | 46     | 26     | 0.3       | 1       | 0.68  | 93.6      | 7.3188 | 4.4354 |
| 2009 | 6     | 15  | 10   | 56     | 26     | 0.3       | 1       | 0.62  | 92.7      | 7.3188 | 4.0283 |
| 2009 | 6     | 15  | 11   | 6      | 26     | 0.3       | 1       | 0.69  | 95.5      | 7.3188 | 4.4568 |
| 2009 | 6     | 15  | 11   | 16     | 26     | 0.3       | 1       | 0.64  | 93.5      | 7.3188 | 4.1997 |
| 2009 | 6     | 15  | 11   | 26     | 26     | 0.3       | 1       | 0.71  | 97.1      | 7.3188 | 4.6282 |
| 2009 | 6     | 15  | 11   | 36     | 26     | 0.3       | 1       | 0.74  | 92.8      | 7.2994 | 4.786  |
| 2009 | 6     | 15  | 11   | 46     | 26     | 0.3       | 1       | 0.74  | 94.8      | 7.2994 | 4.8287 |
| 2009 | 6     | 15  | 11   | 56     | 26     | 0.3       | 1       | 0.71  | 90        | 7.3188 | 4.6496 |
| 2009 | 6     | 15  | 12   | 6      | 26     | 0.3       | 1       | 0.63  | 83.7      | 7.2994 | 4.0809 |
| 2009 | 6     | 15  | 12   | 16     | 26     | 0.3       | 1       | 0.67  | 87.8      | 7.2994 | 4.3587 |
| 2009 | 6     | 15  | 12   | 26     | 26     | 0.3       | 1       | 0.65  | 98.4      | 7.2994 | 4.2091 |
| 2009 | 6     | 15  | 12   | 36     | 26     | 0.3       | 1       | 0.71  | 92.7      | 7.2994 | 4.5937 |
| 2009 | 6     | 15  | 12   | 46     | 26     | 0.3       | 1       | 0.66  | 90        | 7.2994 | 4.2945 |
| 2009 | 6     | 15  | 12   | 56     | 26     | 0.3       | 1       | 0.73  | 90.5      | 7.2994 | 4.7646 |
| 2009 | 6     | 15  | 13   | 6      | 26     | 0.3       | 1       | 0.7   | 90.5      | 7.2994 | 4.5509 |
| 2009 | 6     | 15  | 13   | 16     | 26     | 0.3       | 1       | 0.72  | 93.7      | 7.2801 | 4.6445 |
| 2009 | 6     | 15  | 13   | 26     | 26     | 0.3       | 1       | 0.75  | 89.5      | 7.2801 | 4.8789 |
| 2009 | 6     | 15  | 13   | 36     | 26     | 0.3       | 1       | 0.8   | 92.4      | 7.2801 | 5.1772 |
| 2009 | 6     | 15  | 13   | 46     | 26     | 0.3       | 1       | 0.72  | 91        | 7.2801 | 4.6872 |
| 2009 | 6     | 15  | 13   | 56     | 26     | 0.3       | 1       | 0.67  | 96.2      | 7.2801 | 4.3037 |
| 2009 | 6     | 15  | 14   | 6      | 26     | 0.3       | 1       | 0.68  | 93.6      | 7.2801 | 4.3889 |
| 2009 | 6     | 15  | 14   | 16     | 26     | 0.3       | 1       | 0.72  | 92.6      | 7.2801 | 4.6872 |
| 2009 | 6     | 15  | 14   | 26     | 26     | 0.3       | 1       | 0.67  | 90        | 7.2801 | 4.325  |
| 2009 | 6     | 15  | 14   | 36     | 26     | 0.3       | 1       | 0.67  | 100.7     | 7.2607 | 4.2915 |
| 2009 | 6     | 15  | 14   | 46     | 26     | 0.3       | 1       | 0.74  | 93.8      | 7.2607 | 4.7588 |
| 2009 | 6     | 15  | 14   | 56     | 26     | 0.3       | 1       | 0.71  | 89.5      | 7.2607 | 4.6101 |
| 2009 | 6     | 15  | 15   | 6      | 26     | 0.3       | 1       | 0.66  | 85.7      | 7.2607 | 4.2702 |
| 2009 | 6     | 15  | 15   | 16     | 26     | 0.3       | 1       | 0.65  | 92.3      | 7.2607 | 4.2277 |
| 2009 | 6     | 15  | 15   | 26     | 26     | 0.3       | 1       | 0.68  | 88.1      | 7.2607 | 4.419  |
| 2009 | 6     | 15  | 15   | 36     | 26     | 0.3       | 1       | 0.65  | 82.7      | 7.2607 | 4.164  |
| 2009 | 6     | 15  | 15   | 46     | 26     | 0.3       | 1       | 0.68  | 85        | 7.2414 | 4.3428 |
| 2009 | 6     | 15  | 15   | 56     | 26     | 0.3       | 1       | 0.7   | 84.3      | 7.2414 | 4.4911 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 15  | 16   | 6      | 26     | 0.3       | 1       | 0.68  | 80.2      | 7.2414 | 4.3005 |
| 2009 | 6     | 15  | 16   | 16     | 26     | 0.3       | 1       | 0.71  | 94        | 7.2414 | 4.5547 |
| 2009 | 6     | 15  | 16   | 26     | 26     | 0.3       | 1       | 0.67  | 95.6      | 7.2414 | 4.3005 |
| 2009 | 6     | 15  | 16   | 36     | 26     | 0.3       | 1       | 0.67  | 92.2      | 7.2414 | 4.3429 |
| 2009 | 6     | 15  | 16   | 46     | 26     | 0.3       | 1       | 0.67  | 92.8      | 7.2414 | 4.3217 |
| 2009 | 6     | 15  | 16   | 56     | 26     | 0.3       | 1       | 0.68  | 96.3      | 7.2607 | 4.3978 |
| 2009 | 6     | 15  | 17   | 6      | 26     | 0.3       | 1       | 0.64  | 95.6      | 7.2607 | 4.1216 |
| 2009 | 6     | 15  | 17   | 16     | 26     | 0.3       | 1       | 0.69  | 101.5     | 7.2607 | 4.3766 |
| 2009 | 6     | 15  | 17   | 26     | 26     | 0.3       | 1       | 0.62  | 90.9      | 7.2607 | 3.9941 |
| 2009 | 6     | 15  | 17   | 36     | 26     | 0.3       | 1       | 0.66  | 89.1      | 7.2607 | 4.2491 |
| 2009 | 6     | 15  | 17   | 46     | 26     | 0.3       | 1       | 0.71  | 85.7      | 7.2607 | 4.5678 |
| 2009 | 6     | 15  | 17   | 56     | 26     | 0.3       | 1       | 0.64  | 87.4      | 7.2607 | 4.1641 |
| 2009 | 6     | 15  | 18   | 6      | 26     | 0.3       | 1       | 0.67  | 91.4      | 7.2607 | 4.3341 |
| 2009 | 6     | 15  | 18   | 16     | 26     | 0.3       | 1       | 0.66  | 95.1      | 7.2607 | 4.2491 |
| 2009 | 6     | 15  | 18   | 26     | 26     | 0.3       | 1       | 0.62  | 94.6      | 7.2607 | 3.9729 |
| 2009 | 6     | 15  | 18   | 36     | 26     | 0.3       | 1       | 0.71  | 92.6      | 7.2607 | 4.6103 |
| 2009 | 6     | 15  | 18   | 46     | 26     | 0.3       | 1       | 0.7   | 91.4      | 7.2607 | 4.5041 |
| 2009 | 6     | 15  | 18   | 56     | 26     | 0.3       | 1       | 0.69  | 95.2      | 7.2607 | 4.4403 |
| 2009 | 6     | 15  | 19   | 6      | 26     | 0.3       | 1       | 0.69  | 91.9      | 7.2607 | 4.4403 |
| 2009 | 6     | 15  | 19   | 16     | 26     | 0.3       | 1       | 0.7   | 89.7      | 7.2414 | 4.5124 |
| 2009 | 6     | 15  | 19   | 26     | 26     | 0.3       | 1       | 0.78  | 85.4      | 7.2414 | 5.0208 |
| 2009 | 6     | 15  | 19   | 36     | 26     | 0.3       | 1       | 0.71  | 90.8      | 7.2414 | 4.5548 |
| 2009 | 6     | 15  | 19   | 46     | 26     | 0.3       | 1       | 0.62  | 91.2      | 7.2414 | 4.004  |
| 2009 | 6     | 15  | 19   | 56     | 26     | 0.3       | 1       | 0.72  | 90.3      | 7.2414 | 4.6607 |
| 2009 | 6     | 15  | 20   | 6      | 26     | 0.3       | 1       | 0.7   | 95.1      | 7.2607 | 4.4828 |
| 2009 | 6     | 15  | 20   | 16     | 26     | 0.3       | 1       | 0.64  | 95.6      | 7.2607 | 4.1217 |
| 2009 | 6     | 15  | 20   | 26     | 26     | 0.3       | 1       | 0.66  | 96.9      | 7.2607 | 4.2279 |
| 2009 | 6     | 15  | 20   | 36     | 26     | 0.3       | 1       | 0.7   | 88.7      | 7.2607 | 4.5253 |
| 2009 | 6     | 15  | 20   | 46     | 26     | 0.3       | 1       | 0.7   | 91.9      | 7.2414 | 4.4912 |
| 2009 | 6     | 15  | 20   | 56     | 26     | 0.3       | 1       | 0.66  | 94.2      | 7.2414 | 4.2794 |
| 2009 | 6     | 15  | 21   | 6      | 26     | 0.3       | 1       | 0.67  | 97.1      | 7.2607 | 4.2916 |
| 2009 | 6     | 15  | 21   | 16     | 26     | 0.3       | 1       | 0.69  | 91.4      | 7.2607 | 4.4404 |
| 2009 | 6     | 15  | 21   | 26     | 26     | 0.3       | 1       | 0.69  | 95.2      | 7.2607 | 4.4404 |
| 2009 | 6     | 15  | 21   | 36     | 26     | 0.3       | 1       | 0.58  | 94.9      | 7.2607 | 3.718  |
| 2009 | 6     | 15  | 21   | 46     | 26     | 0.3       | 1       | 0.63  | 97.5      | 7.2607 | 4.0367 |
| 2009 | 6     | 15  | 21   | 56     | 26     | 0.3       | 1       | 0.75  | 93.8      | 7.2607 | 4.8441 |
| 2009 | 6     | 15  | 22   | 6      | 26     | 0.3       | 1       | 0.7   | 95.1      | 7.2607 | 4.5041 |
| 2009 | 6     | 15  | 22   | 16     | 26     | 0.3       | 1       | 0.69  | 91.6      | 7.2607 | 4.4616 |
| 2009 | 6     | 15  | 22   | 26     | 26     | 0.3       | 1       | 0.67  | 91.7      | 7.2607 | 4.3554 |
| 2009 | 6     | 15  | 22   | 36     | 26     | 0.3       | 1       | 0.66  | 95.4      | 7.2607 | 4.2704 |
| 2009 | 6     | 15  | 22   | 46     | 26     | 0.3       | 1       | 0.66  | 91.1      | 7.2607 | 4.2917 |
| 2009 | 6     | 15  | 22   | 56     | 26     | 0.3       | 1       | 0.67  | 95.7      | 7.2607 | 4.2917 |
| 2009 | 6     | 15  | 23   | 6      | 26     | 0.3       | 1       | 0.66  | 91.7      | 7.2607 | 4.2705 |
| 2009 | 6     | 15  | 23   | 16     | 26     | 0.3       | 1       | 0.65  | 99.9      | 7.2607 | 4.143  |
| 2009 | 6     | 15  | 23   | 26     | 26     | 0.3       | 1       | 0.66  | 97.7      | 7.2607 | 4.228  |
| 2009 | 6     | 15  | 23   | 36     | 26     | 0.3       | 1       | 0.72  | 97        | 7.2607 | 4.6529 |
| 2009 | 6     | 15  | 23   | 46     | 26     | 0.3       | 1       | 0.62  | 91.2      | 7.2607 | 4.0155 |
| 2009 | 6     | 15  | 23   | 56     | 26     | 0.3       | 1       | 0.7   | 101.3     | 7.2607 | 4.4617 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 16  | 0    | 6      | 26     | 0.3       | 1       | 0.68  | 98.1      | 7.2607 | 4.3555 |
| 2009 | 6     | 16  | 0    | 16     | 26     | 0.3       | 1       | 0.64  | 97.4      | 7.2607 | 4.1005 |
| 2009 | 6     | 16  | 0    | 26     | 26     | 0.3       | 1       | 0.67  | 96.4      | 7.2607 | 4.3342 |
| 2009 | 6     | 16  | 0    | 36     | 26     | 0.3       | 1       | 0.68  | 94.9      | 7.2607 | 4.4192 |
| 2009 | 6     | 16  | 0    | 46     | 26     | 0.3       | 1       | 0.67  | 98.7      | 7.2607 | 4.313  |
| 2009 | 6     | 16  | 0    | 56     | 26     | 0.3       | 1       | 0.71  | 92.7      | 7.2607 | 4.5892 |
| 2009 | 6     | 16  | 1    | 6      | 26     | 0.3       | 1       | 0.76  | 93.5      | 7.2607 | 4.9079 |
| 2009 | 6     | 16  | 1    | 16     | 26     | 0.3       | 1       | 0.7   | 88.4      | 7.2607 | 4.5467 |
| 2009 | 6     | 16  | 1    | 26     | 26     | 0.3       | 1       | 0.71  | 98.2      | 7.2607 | 4.5467 |
| 2009 | 6     | 16  | 1    | 36     | 26     | 0.3       | 1       | 0.68  | 90.6      | 7.2607 | 4.4192 |
| 2009 | 6     | 16  | 1    | 46     | 26     | 0.3       | 1       | 0.67  | 92.8      | 7.2607 | 4.313  |
| 2009 | 6     | 16  | 1    | 56     | 26     | 0.3       | 1       | 0.66  | 89.7      | 7.2607 | 4.2918 |
| 2009 | 6     | 16  | 2    | 6      | 26     | 0.3       | 1       | 0.7   | 92.7      | 7.2607 | 4.5467 |
| 2009 | 6     | 16  | 2    | 16     | 26     | 0.3       | 1       | 0.65  | 91.4      | 7.2607 | 4.2068 |
| 2009 | 6     | 16  | 2    | 26     | 26     | 0.3       | 1       | 0.65  | 86.5      | 7.2607 | 4.1855 |
| 2009 | 6     | 16  | 2    | 36     | 26     | 0.3       | 1       | 0.67  | 95.6      | 7.2607 | 4.313  |
| 2009 | 6     | 16  | 2    | 46     | 26     | 0.3       | 1       | 0.61  | 95.5      | 7.2607 | 3.9518 |
| 2009 | 6     | 16  | 2    | 56     | 26     | 0.3       | 1       | 0.68  | 92.8      | 7.2607 | 4.4193 |
| 2009 | 6     | 16  | 3    | 6      | 26     | 0.3       | 1       | 0.71  | 96.4      | 7.2607 | 4.568  |
| 2009 | 6     | 16  | 3    | 16     | 26     | 0.3       | 1       | 0.72  | 92.9      | 7.2607 | 4.653  |
| 2009 | 6     | 16  | 3    | 26     | 26     | 0.3       | 1       | 0.64  | 89.1      | 7.2607 | 4.1218 |
| 2009 | 6     | 16  | 3    | 36     | 26     | 0.3       | 1       | 0.67  | 95.6      | 7.2607 | 4.3343 |
| 2009 | 6     | 16  | 3    | 46     | 26     | 0.3       | 1       | 0.63  | 99        | 7.2414 | 4.0253 |
| 2009 | 6     | 16  | 3    | 56     | 26     | 0.3       | 1       | 0.65  | 94        | 7.2414 | 4.1948 |
| 2009 | 6     | 16  | 4    | 6      | 26     | 0.3       | 1       | 0.63  | 86.7      | 7.2414 | 4.0677 |
| 2009 | 6     | 16  | 4    | 16     | 26     | 0.3       | 1       | 0.71  | 91.9      | 7.2414 | 4.555  |
| 2009 | 6     | 16  | 4    | 26     | 26     | 0.3       | 1       | 0.68  | 91.1      | 7.2414 | 4.4067 |
| 2009 | 6     | 16  | 4    | 36     | 26     | 0.3       | 1       | 0.63  | 86.1      | 7.2414 | 4.0465 |
| 2009 | 6     | 16  | 4    | 46     | 26     | 0.3       | 1       | 0.66  | 95.7      | 7.2414 | 4.2372 |
| 2009 | 6     | 16  | 4    | 56     | 26     | 0.3       | 1       | 0.72  | 93.4      | 7.2414 | 4.6397 |
| 2009 | 6     | 16  | 5    | 6      | 26     | 0.3       | 1       | 0.68  | 89.2      | 7.2414 | 4.3643 |
| 2009 | 6     | 16  | 5    | 16     | 26     | 0.3       | 1       | 0.66  | 98.6      | 7.2414 | 4.1948 |
| 2009 | 6     | 16  | 5    | 26     | 26     | 0.3       | 1       | 0.69  | 90.3      | 7.2414 | 4.4702 |
| 2009 | 6     | 16  | 5    | 36     | 26     | 0.3       | 1       | 0.64  | 93.8      | 7.2414 | 4.1525 |
| 2009 | 6     | 16  | 5    | 46     | 26     | 0.3       | 1       | 0.63  | 83.8      | 7.2414 | 4.0677 |
| 2009 | 6     | 16  | 5    | 56     | 26     | 0.3       | 1       | 0.66  | 89.7      | 7.2414 | 4.2796 |
| 2009 | 6     | 16  | 6    | 6      | 26     | 0.3       | 1       | 0.63  | 88.8      | 7.2414 | 4.0465 |
| 2009 | 6     | 16  | 6    | 16     | 26     | 0.3       | 1       | 0.58  | 103.8     | 7.2414 | 3.6228 |
| 2009 | 6     | 16  | 6    | 26     | 26     | 0.3       | 1       | 0.63  | 91.5      | 7.2414 | 4.0889 |
| 2009 | 6     | 16  | 6    | 36     | 26     | 0.3       | 1       | 0.68  | 95.5      | 7.2414 | 4.3643 |
| 2009 | 6     | 16  | 6    | 46     | 26     | 0.3       | 1       | 0.58  | 96.5      | 7.2414 | 3.7287 |
| 2009 | 6     | 16  | 6    | 56     | 26     | 0.3       | 1       | 0.65  | 96.4      | 7.2414 | 4.1525 |
| 2009 | 6     | 16  | 7    | 6      | 26     | 0.3       | 1       | 0.64  | 94.4      | 7.2414 | 4.1525 |
| 2009 | 6     | 16  | 7    | 16     | 26     | 0.3       | 1       | 0.69  | 98        | 7.2414 | 4.3855 |
| 2009 | 6     | 16  | 7    | 26     | 26     | 0.3       | 1       | 0.52  | 87.1      | 7.2414 | 3.3686 |
| 2009 | 6     | 16  | 7    | 36     | 26     | 0.3       | 1       | 0.71  | 96.6      | 7.2414 | 4.555  |
| 2009 | 6     | 16  | 7    | 46     | 26     | 0.3       | 1       | 0.64  | 102.2     | 7.2414 | 4.0254 |
| 2009 | 6     | 16  | 7    | 56     | 26     | 0.3       | 1       | 0.61  | 94.3      | 7.2414 | 3.9194 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 16  | 8    | 6      | 26     | 0.3       | 1       | 0.66  | 93.1      | 7.2414 | 4.2584 |
| 2009 | 6     | 16  | 8    | 16     | 26     | 0.3       | 1       | 0.72  | 97.3      | 7.2414 | 4.6397 |
| 2009 | 6     | 16  | 8    | 26     | 26     | 0.3       | 1       | 0.56  | 102.2     | 7.2414 | 3.5381 |
| 2009 | 6     | 16  | 8    | 36     | 26     | 0.3       | 1       | 0.58  | 93.3      | 7.2414 | 3.7076 |
| 2009 | 6     | 16  | 8    | 46     | 26     | 0.3       | 1       | 0.6   | 101       | 7.2414 | 3.8135 |
| 2009 | 6     | 16  | 8    | 56     | 26     | 0.3       | 1       | 0.61  | 95.9      | 7.2414 | 3.9194 |
| 2009 | 6     | 16  | 9    | 6      | 26     | 0.3       | 1       | 0.67  | 101       | 7.2414 | 4.2372 |
| 2009 | 6     | 16  | 9    | 16     | 26     | 0.3       | 1       | 0.66  | 97.2      | 7.222  | 4.204  |
| 2009 | 6     | 16  | 9    | 26     | 26     | 0.3       | 1       | 0.62  | 94.2      | 7.222  | 3.9927 |
| 2009 | 6     | 16  | 9    | 36     | 26     | 0.3       | 1       | 0.64  | 100.4     | 7.222  | 4.0349 |
| 2009 | 6     | 16  | 9    | 46     | 26     | 0.3       | 1       | 0.65  | 94.9      | 7.222  | 4.1828 |
| 2009 | 6     | 16  | 9    | 56     | 26     | 0.3       | 1       | 0.64  | 94.4      | 7.222  | 4.0772 |
| 2009 | 6     | 16  | 10   | 6      | 26     | 0.3       | 1       | 0.59  | 99        | 7.222  | 3.7392 |
| 2009 | 6     | 16  | 10   | 16     | 26     | 0.3       | 1       | 0.62  | 96.9      | 7.222  | 3.9927 |
| 2009 | 6     | 16  | 10   | 26     | 26     | 0.3       | 1       | 0.62  | 99.7      | 7.222  | 3.9504 |
| 2009 | 6     | 16  | 10   | 36     | 26     | 0.3       | 1       | 0.61  | 97.4      | 7.222  | 3.9082 |
| 2009 | 6     | 16  | 10   | 46     | 26     | 0.3       | 1       | 0.65  | 97.3      | 7.222  | 4.1405 |
| 2009 | 6     | 16  | 10   | 56     | 26     | 0.3       | 1       | 0.65  | 93.7      | 7.222  | 4.2039 |
| 2009 | 6     | 16  | 11   | 6      | 26     | 0.3       | 1       | 0.69  | 99.3      | 7.222  | 4.3729 |
| 2009 | 6     | 16  | 11   | 16     | 26     | 0.3       | 1       | 0.67  | 95.3      | 7.222  | 4.3095 |
| 2009 | 6     | 16  | 11   | 26     | 26     | 0.3       | 1       | 0.7   | 101.3     | 7.222  | 4.4362 |
| 2009 | 6     | 16  | 11   | 36     | 26     | 0.3       | 1       | 0.61  | 104.6     | 7.222  | 3.8025 |
| 2009 | 6     | 16  | 11   | 46     | 26     | 0.3       | 1       | 0.59  | 96.4      | 7.222  | 3.7602 |
| 2009 | 6     | 16  | 11   | 56     | 26     | 0.3       | 1       | 0.64  | 98.5      | 7.222  | 4.0982 |
| 2009 | 6     | 16  | 12   | 6      | 26     | 0.3       | 1       | 0.63  | 96.3      | 7.2026 | 4.0232 |
| 2009 | 6     | 16  | 12   | 16     | 26     | 0.3       | 1       | 0.65  | 94.4      | 7.2026 | 4.1496 |
| 2009 | 6     | 16  | 12   | 26     | 26     | 0.3       | 1       | 0.57  | 90.7      | 7.2026 | 3.6651 |
| 2009 | 6     | 16  | 12   | 36     | 26     | 0.3       | 1       | 0.55  | 91.4      | 7.2026 | 3.5598 |
| 2009 | 6     | 16  | 12   | 46     | 26     | 0.3       | 1       | 0.62  | 86        | 7.1833 | 3.9486 |
| 2009 | 6     | 16  | 12   | 56     | 26     | 0.3       | 1       | 0.59  | 98.6      | 7.1833 | 3.7595 |
| 2009 | 6     | 16  | 13   | 6      | 26     | 0.3       | 1       | 0.62  | 101       | 7.1639 | 3.8953 |
| 2009 | 6     | 16  | 13   | 16     | 26     | 0.3       | 1       | 0.62  | 96        | 7.1639 | 3.9581 |
| 2009 | 6     | 16  | 13   | 26     | 26     | 0.3       | 1       | 0.64  | 93.2      | 7.1639 | 4.0628 |
| 2009 | 6     | 16  | 13   | 36     | 26     | 0.3       | 1       | 0.65  | 95.2      | 7.1446 | 4.1137 |
| 2009 | 6     | 16  | 13   | 46     | 26     | 0.3       | 1       | 0.63  | 96.3      | 7.1446 | 3.9675 |
| 2009 | 6     | 16  | 13   | 56     | 26     | 0.3       | 1       | 0.57  | 91.6      | 7.1446 | 3.6334 |
| 2009 | 6     | 16  | 14   | 6      | 26     | 0.3       | 1       | 0.57  | 89        | 7.1252 | 3.6436 |
| 2009 | 6     | 16  | 14   | 16     | 26     | 0.3       | 1       | 0.58  | 96.2      | 7.1252 | 3.6645 |
| 2009 | 6     | 16  | 14   | 26     | 26     | 0.3       | 1       | 0.64  | 91.5      | 7.1252 | 4.0392 |
| 2009 | 6     | 16  | 14   | 36     | 26     | 0.3       | 1       | 0.61  | 88.8      | 7.1252 | 3.8935 |
| 2009 | 6     | 16  | 14   | 46     | 26     | 0.3       | 1       | 0.63  | 94.2      | 7.1252 | 3.9767 |
| 2009 | 6     | 16  | 14   | 56     | 26     | 0.3       | 1       | 0.58  | 91.6      | 7.1252 | 3.6852 |
| 2009 | 6     | 16  | 15   | 6      | 26     | 0.3       | 1       | 0.61  | 88.8      | 7.1252 | 3.8518 |
| 2009 | 6     | 16  | 15   | 16     | 26     | 0.3       | 1       | 0.58  | 88.1      | 7.1252 | 3.6852 |
| 2009 | 6     | 16  | 15   | 26     | 26     | 0.3       | 1       | 0.61  | 90.6      | 7.1059 | 3.8821 |
| 2009 | 6     | 16  | 15   | 36     | 26     | 0.3       | 1       | 0.62  | 93.3      | 7.1446 | 3.9465 |
| 2009 | 6     | 16  | 15   | 46     | 26     | 0.3       | 1       | 0.65  | 89.4      | 7.1252 | 4.1016 |
| 2009 | 6     | 16  | 15   | 56     | 26     | 0.3       | 1       | 0.68  | 91.7      | 7.1252 | 4.289  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 16  | 16   | 6      | 26     | 0.3       | 1       | 0.73  | 90.5      | 7.1252 | 4.6222 |
| 2009 | 6     | 16  | 16   | 16     | 26     | 0.3       | 1       | 0.65  | 98.7      | 7.1252 | 4.0808 |
| 2009 | 6     | 16  | 16   | 26     | 26     | 0.3       | 1       | 0.66  | 89.7      | 7.1252 | 4.2057 |
| 2009 | 6     | 16  | 16   | 36     | 26     | 0.3       | 1       | 0.66  | 89.4      | 7.1252 | 4.2057 |
| 2009 | 6     | 16  | 16   | 46     | 26     | 0.3       | 1       | 0.66  | 94.9      | 7.1252 | 4.1641 |
| 2009 | 6     | 16  | 16   | 56     | 26     | 0.3       | 1       | 0.61  | 98.4      | 7.1252 | 3.8102 |
| 2009 | 6     | 16  | 17   | 6      | 26     | 0.3       | 1       | 0.64  | 92.4      | 7.1252 | 4.0392 |
| 2009 | 6     | 16  | 17   | 16     | 26     | 0.3       | 1       | 0.68  | 98.4      | 7.1252 | 4.2474 |
| 2009 | 6     | 16  | 17   | 26     | 26     | 0.3       | 1       | 0.66  | 102       | 7.1639 | 4.1465 |
| 2009 | 6     | 16  | 17   | 36     | 26     | 0.3       | 1       | 0.58  | 90        | 7.1252 | 3.6853 |
| 2009 | 6     | 16  | 17   | 46     | 26     | 0.3       | 1       | 0.65  | 92.9      | 7.1059 | 4.1313 |
| 2009 | 6     | 16  | 17   | 56     | 26     | 0.3       | 1       | 0.61  | 90        | 7.1252 | 3.8727 |
| 2009 | 6     | 16  | 18   | 6      | 26     | 0.3       | 1       | 0.56  | 97.1      | 7.1252 | 3.5187 |
| 2009 | 6     | 16  | 18   | 16     | 26     | 0.3       | 1       | 0.63  | 87.3      | 7.1252 | 3.9976 |
| 2009 | 6     | 16  | 18   | 26     | 26     | 0.3       | 1       | 0.67  | 94.5      | 7.1252 | 4.2266 |
| 2009 | 6     | 16  | 18   | 36     | 26     | 0.3       | 1       | 0.61  | 96.2      | 7.1446 | 3.8422 |
| 2009 | 6     | 16  | 18   | 46     | 26     | 0.3       | 1       | 0.61  | 100.5     | 7.1252 | 3.8311 |
| 2009 | 6     | 16  | 18   | 56     | 26     | 0.3       | 1       | 0.68  | 98.3      | 7.1252 | 4.2683 |
| 2009 | 6     | 16  | 19   | 6      | 26     | 0.3       | 1       | 0.64  | 101.5     | 7.1252 | 3.9768 |
| 2009 | 6     | 16  | 19   | 16     | 26     | 0.3       | 1       | 0.59  | 101.6     | 7.1252 | 3.6645 |
| 2009 | 6     | 16  | 19   | 26     | 26     | 0.3       | 1       | 0.63  | 98.1      | 7.1446 | 3.9466 |
| 2009 | 6     | 16  | 19   | 36     | 26     | 0.3       | 1       | 0.59  | 94.8      | 7.1252 | 3.727  |
| 2009 | 6     | 16  | 19   | 46     | 26     | 0.3       | 1       | 0.62  | 94.9      | 7.1252 | 3.9144 |
| 2009 | 6     | 16  | 19   | 56     | 26     | 0.3       | 1       | 0.57  | 89.3      | 7.1446 | 3.6334 |
| 2009 | 6     | 16  | 20   | 6      | 26     | 0.3       | 1       | 0.67  | 99.4      | 7.1446 | 4.1763 |
| 2009 | 6     | 16  | 20   | 16     | 26     | 0.3       | 1       | 0.68  | 102.8     | 7.1446 | 4.239  |
| 2009 | 6     | 16  | 20   | 26     | 26     | 0.3       | 1       | 0.73  | 88.7      | 7.1446 | 4.6566 |
| 2009 | 6     | 16  | 20   | 36     | 26     | 0.3       | 1       | 0.6   | 98.5      | 7.1639 | 3.7905 |
| 2009 | 6     | 16  | 20   | 46     | 26     | 0.3       | 1       | 0.62  | 97.9      | 7.1639 | 3.9371 |
| 2009 | 6     | 16  | 20   | 56     | 26     | 0.3       | 1       | 0.71  | 97.8      | 7.1639 | 4.4607 |
| 2009 | 6     | 16  | 21   | 6      | 26     | 0.3       | 1       | 0.68  | 90        | 7.1639 | 4.3141 |
| 2009 | 6     | 16  | 21   | 16     | 26     | 0.3       | 1       | 0.56  | 89        | 7.1639 | 3.6021 |
| 2009 | 6     | 16  | 21   | 26     | 26     | 0.3       | 1       | 0.67  | 97.3      | 7.1639 | 4.2513 |
| 2009 | 6     | 16  | 21   | 36     | 26     | 0.3       | 1       | 0.56  | 95.4      | 7.1639 | 3.5602 |
| 2009 | 6     | 16  | 21   | 46     | 26     | 0.3       | 1       | 0.68  | 92.2      | 7.1833 | 4.3476 |
| 2009 | 6     | 16  | 21   | 56     | 26     | 0.3       | 1       | 0.58  | 93.2      | 7.1639 | 3.7277 |
| 2009 | 6     | 16  | 22   | 6      | 26     | 0.3       | 1       | 0.64  | 97.1      | 7.1639 | 4.0419 |
| 2009 | 6     | 16  | 22   | 16     | 26     | 0.3       | 1       | 0.64  | 94.4      | 7.1639 | 4.0419 |
| 2009 | 6     | 16  | 22   | 26     | 26     | 0.3       | 1       | 0.62  | 89.7      | 7.1639 | 3.9372 |
| 2009 | 6     | 16  | 22   | 36     | 26     | 0.3       | 1       | 0.66  | 97.4      | 7.1639 | 4.1675 |
| 2009 | 6     | 16  | 22   | 46     | 26     | 0.3       | 1       | 0.62  | 95.8      | 7.1639 | 3.9162 |
| 2009 | 6     | 16  | 22   | 56     | 26     | 0.3       | 1       | 0.69  | 93.8      | 7.1639 | 4.4188 |
| 2009 | 6     | 16  | 23   | 6      | 26     | 0.3       | 1       | 0.65  | 92.3      | 7.1639 | 4.1466 |
| 2009 | 6     | 16  | 23   | 16     | 26     | 0.3       | 1       | 0.66  | 96.3      | 7.1639 | 4.1675 |
| 2009 | 6     | 16  | 23   | 26     | 26     | 0.3       | 1       | 0.69  | 96.6      | 7.1639 | 4.356  |
| 2009 | 6     | 16  | 23   | 36     | 26     | 0.3       | 1       | 0.63  | 91.2      | 7.1639 | 4.021  |
| 2009 | 6     | 16  | 23   | 46     | 26     | 0.3       | 1       | 0.67  | 90.8      | 7.1833 | 4.2636 |
| 2009 | 6     | 16  | 23   | 56     | 26     | 0.3       | 1       | 0.69  | 92.7      | 7.1639 | 4.3979 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 17  | 0    | 6      | 26     | 0.3       | 1       | 0.66  | 98.3      | 7.1639 | 4.1676 |
| 2009 | 6     | 17  | 0    | 16     | 26     | 0.3       | 1       | 0.65  | 85        | 7.1639 | 4.1047 |
| 2009 | 6     | 17  | 0    | 26     | 26     | 0.3       | 1       | 0.6   | 87.2      | 7.1833 | 3.8226 |
| 2009 | 6     | 17  | 0    | 36     | 26     | 0.3       | 1       | 0.66  | 95.5      | 7.1833 | 4.1796 |
| 2009 | 6     | 17  | 0    | 46     | 26     | 0.3       | 1       | 0.65  | 88        | 7.1833 | 4.1796 |
| 2009 | 6     | 17  | 0    | 56     | 26     | 0.3       | 1       | 0.66  | 97.4      | 7.1833 | 4.2006 |
| 2009 | 6     | 17  | 1    | 6      | 26     | 0.3       | 1       | 0.69  | 93.8      | 7.1833 | 4.3897 |
| 2009 | 6     | 17  | 1    | 16     | 26     | 0.3       | 1       | 0.64  | 91.2      | 7.1639 | 4.0629 |
| 2009 | 6     | 17  | 1    | 26     | 26     | 0.3       | 1       | 0.63  | 91.2      | 7.1833 | 4.0116 |
| 2009 | 6     | 17  | 1    | 36     | 26     | 0.3       | 1       | 0.69  | 91.6      | 7.1833 | 4.4107 |
| 2009 | 6     | 17  | 1    | 46     | 26     | 0.3       | 1       | 0.66  | 94.9      | 7.1833 | 4.1797 |
| 2009 | 6     | 17  | 1    | 56     | 26     | 0.3       | 1       | 0.71  | 93.4      | 7.1833 | 4.5367 |
| 2009 | 6     | 17  | 2    | 6      | 26     | 0.3       | 1       | 0.69  | 96        | 7.1833 | 4.3897 |
| 2009 | 6     | 17  | 2    | 16     | 26     | 0.3       | 1       | 0.64  | 95.9      | 7.1833 | 4.0537 |
| 2009 | 6     | 17  | 2    | 26     | 26     | 0.3       | 1       | 0.67  | 95.4      | 7.1833 | 4.2427 |
| 2009 | 6     | 17  | 2    | 36     | 26     | 0.3       | 1       | 0.65  | 94.6      | 7.1833 | 4.1587 |
| 2009 | 6     | 17  | 2    | 46     | 26     | 0.3       | 1       | 0.57  | 94.9      | 7.1833 | 3.6546 |
| 2009 | 6     | 17  | 2    | 56     | 26     | 0.3       | 1       | 0.64  | 89.4      | 7.1833 | 4.0747 |
| 2009 | 6     | 17  | 3    | 6      | 26     | 0.3       | 1       | 0.66  | 97.7      | 7.1833 | 4.1797 |
| 2009 | 6     | 17  | 3    | 16     | 26     | 0.3       | 1       | 0.61  | 97.2      | 7.1833 | 3.8437 |
| 2009 | 6     | 17  | 3    | 26     | 26     | 0.3       | 1       | 0.65  | 94.1      | 7.1833 | 4.1377 |
| 2009 | 6     | 17  | 3    | 36     | 26     | 0.3       | 1       | 0.72  | 93.4      | 7.1833 | 4.5788 |
| 2009 | 6     | 17  | 3    | 46     | 26     | 0.3       | 1       | 0.64  | 96.4      | 7.1833 | 4.0957 |
| 2009 | 6     | 17  | 3    | 56     | 26     | 0.3       | 1       | 0.56  | 95.1      | 7.1833 | 3.5496 |
| 2009 | 6     | 17  | 4    | 6      | 26     | 0.3       | 1       | 0.63  | 90.9      | 7.1833 | 4.0117 |
| 2009 | 6     | 17  | 4    | 16     | 26     | 0.3       | 1       | 0.74  | 95.1      | 7.1833 | 4.7468 |
| 2009 | 6     | 17  | 4    | 26     | 26     | 0.3       | 1       | 0.66  | 97.2      | 7.1833 | 4.1798 |
| 2009 | 6     | 17  | 4    | 36     | 26     | 0.3       | 1       | 0.68  | 93.6      | 7.2026 | 4.3393 |
| 2009 | 6     | 17  | 4    | 46     | 26     | 0.3       | 1       | 0.66  | 95.7      | 7.1833 | 4.2218 |
| 2009 | 6     | 17  | 4    | 56     | 26     | 0.3       | 1       | 0.63  | 97.8      | 7.2026 | 3.9812 |
| 2009 | 6     | 17  | 5    | 6      | 26     | 0.3       | 1       | 0.68  | 96.7      | 7.1833 | 4.3058 |
| 2009 | 6     | 17  | 5    | 16     | 26     | 0.3       | 1       | 0.67  | 91.7      | 7.1833 | 4.2638 |
| 2009 | 6     | 17  | 5    | 26     | 26     | 0.3       | 1       | 0.69  | 97.4      | 7.2026 | 4.3814 |
| 2009 | 6     | 17  | 5    | 36     | 26     | 0.3       | 1       | 0.7   | 101.4     | 7.2026 | 4.3814 |
| 2009 | 6     | 17  | 5    | 46     | 26     | 0.3       | 1       | 0.69  | 95.5      | 7.2026 | 4.4025 |
| 2009 | 6     | 17  | 5    | 56     | 26     | 0.3       | 1       | 0.68  | 92.5      | 7.1833 | 4.3478 |
| 2009 | 6     | 17  | 6    | 6      | 26     | 0.3       | 1       | 0.65  | 92.6      | 7.1833 | 4.1378 |
| 2009 | 6     | 17  | 6    | 16     | 26     | 0.3       | 1       | 0.67  | 94.2      | 7.2026 | 4.3182 |
| 2009 | 6     | 17  | 6    | 26     | 26     | 0.3       | 1       | 0.63  | 90        | 7.2026 | 4.0655 |
| 2009 | 6     | 17  | 6    | 36     | 26     | 0.3       | 1       | 0.68  | 93.9      | 7.2026 | 4.3604 |
| 2009 | 6     | 17  | 6    | 46     | 26     | 0.3       | 1       | 0.6   | 93.8      | 7.2026 | 3.8338 |
| 2009 | 6     | 17  | 6    | 56     | 26     | 0.3       | 1       | 0.65  | 94        | 7.2026 | 4.1708 |
| 2009 | 6     | 17  | 7    | 6      | 26     | 0.3       | 1       | 0.72  | 99.5      | 7.1833 | 4.5369 |
| 2009 | 6     | 17  | 7    | 16     | 26     | 0.3       | 1       | 0.61  | 100.3     | 7.1833 | 3.8227 |
| 2009 | 6     | 17  | 7    | 26     | 26     | 0.3       | 1       | 0.61  | 95.9      | 7.1833 | 3.8858 |
| 2009 | 6     | 17  | 7    | 36     | 26     | 0.3       | 1       | 0.72  | 99.8      | 7.2026 | 4.5289 |
| 2009 | 6     | 17  | 7    | 46     | 26     | 0.3       | 1       | 0.65  | 95.2      | 7.2026 | 4.1497 |
| 2009 | 6     | 17  | 7    | 56     | 26     | 0.3       | 1       | 0.63  | 95.4      | 7.1833 | 4.0328 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 17  | 8    | 6      | 26     | 0.3       | 1       | 0.71  | 90        | 7.1833 | 4.5159 |
| 2009 | 6     | 17  | 8    | 16     | 26     | 0.3       | 1       | 0.7   | 92.7      | 7.1833 | 4.4529 |
| 2009 | 6     | 17  | 8    | 26     | 26     | 0.3       | 1       | 0.61  | 97.4      | 7.1833 | 3.8857 |
| 2009 | 6     | 17  | 8    | 36     | 26     | 0.3       | 1       | 0.64  | 95.6      | 7.1833 | 4.0538 |
| 2009 | 6     | 17  | 8    | 46     | 26     | 0.3       | 1       | 0.64  | 95        | 7.1833 | 4.0958 |
| 2009 | 6     | 17  | 8    | 56     | 26     | 0.3       | 1       | 0.7   | 96.2      | 7.1833 | 4.4738 |
| 2009 | 6     | 17  | 9    | 6      | 26     | 0.3       | 1       | 0.68  | 93.6      | 7.1833 | 4.3688 |
| 2009 | 6     | 17  | 9    | 16     | 26     | 0.3       | 1       | 0.69  | 96.6      | 7.1639 | 4.3771 |
| 2009 | 6     | 17  | 9    | 26     | 26     | 0.3       | 1       | 0.68  | 100.6     | 7.1639 | 4.2514 |
| 2009 | 6     | 17  | 9    | 36     | 26     | 0.3       | 1       | 0.66  | 92.6      | 7.1639 | 4.1886 |
| 2009 | 6     | 17  | 9    | 46     | 26     | 0.3       | 1       | 0.64  | 100.9     | 7.1639 | 4.0211 |
| 2009 | 6     | 17  | 9    | 56     | 26     | 0.3       | 1       | 0.77  | 99.8      | 7.1639 | 4.8588 |
| 2009 | 6     | 17  | 10   | 6      | 26     | 0.3       | 1       | 0.71  | 98        | 7.1446 | 4.4479 |
| 2009 | 6     | 17  | 10   | 16     | 26     | 0.3       | 1       | 0.62  | 93        | 7.1639 | 3.9791 |
| 2009 | 6     | 17  | 10   | 26     | 26     | 0.3       | 1       | 0.66  | 103.4     | 7.2026 | 4.1496 |
| 2009 | 6     | 17  | 10   | 36     | 26     | 0.3       | 1       | 0.63  | 92.7      | 7.222  | 4.0348 |
| 2009 | 6     | 17  | 10   | 46     | 26     | 0.3       | 1       | 0.73  | 90        | 7.2607 | 4.7378 |
| 2009 | 6     | 17  | 10   | 56     | 26     | 0.3       | 1       | 0.68  | 93        | 7.2801 | 4.4104 |
| 2009 | 6     | 17  | 11   | 6      | 26     | 0.3       | 1       | 0.67  | 97        | 7.3188 | 4.3497 |
| 2009 | 6     | 17  | 11   | 16     | 26     | 0.3       | 1       | 0.75  | 97.2      | 7.3575 | 4.9131 |
| 2009 | 6     | 17  | 11   | 26     | 26     | 0.3       | 1       | 0.79  | 87.9      | 7.4543 | 5.2444 |
| 2009 | 6     | 17  | 11   | 36     | 26     | 0.3       | 1       | 0.79  | 91.2      | 7.5124 | 5.3322 |
| 2009 | 6     | 17  | 11   | 46     | 26     | 0.3       | 1       | 0.77  | 93.2      | 7.5317 | 5.1922 |
| 2009 | 6     | 17  | 11   | 56     | 26     | 0.3       | 1       | 0.86  | 92.2      | 7.5511 | 5.7825 |
| 2009 | 6     | 17  | 12   | 6      | 26     | 0.3       | 1       | 0.78  | 93.4      | 7.5704 | 5.2429 |
| 2009 | 6     | 17  | 12   | 16     | 26     | 0.3       | 1       | 0.85  | 86.9      | 7.5898 | 5.7919 |
| 2009 | 6     | 17  | 12   | 26     | 26     | 0.3       | 1       | 0.82  | 89.3      | 7.6091 | 5.5619 |
| 2009 | 6     | 17  | 12   | 36     | 26     | 0.3       | 1       | 0.84  | 90.7      | 7.6285 | 5.7338 |
| 2009 | 6     | 17  | 12   | 46     | 26     | 0.3       | 1       | 0.88  | 91.5      | 7.6285 | 5.9802 |
| 2009 | 6     | 17  | 12   | 56     | 26     | 0.3       | 1       | 0.77  | 89        | 7.6285 | 5.241  |
| 2009 | 6     | 17  | 13   | 6      | 26     | 0.3       | 1       | 0.83  | 91.1      | 7.6091 | 5.6735 |
| 2009 | 6     | 17  | 13   | 16     | 26     | 0.3       | 1       | 0.77  | 94.1      | 7.6091 | 5.2491 |
| 2009 | 6     | 17  | 13   | 26     | 26     | 0.3       | 1       | 0.79  | 90        | 7.6091 | 5.4054 |
| 2009 | 6     | 17  | 13   | 36     | 26     | 0.3       | 1       | 0.89  | 91.1      | 7.5898 | 6.0145 |
| 2009 | 6     | 17  | 13   | 46     | 26     | 0.3       | 1       | 0.85  | 86.2      | 7.6091 | 5.7405 |
| 2009 | 6     | 17  | 13   | 56     | 26     | 0.3       | 1       | 0.85  | 88.7      | 7.6091 | 5.7628 |
| 2009 | 6     | 17  | 14   | 6      | 26     | 0.3       | 1       | 0.84  | 85.3      | 7.6091 | 5.6958 |
| 2009 | 6     | 17  | 14   | 16     | 26     | 0.3       | 1       | 0.83  | 97.3      | 7.6285 | 5.6217 |
| 2009 | 6     | 17  | 14   | 26     | 26     | 0.3       | 1       | 0.87  | 95        | 7.6285 | 5.8905 |
| 2009 | 6     | 17  | 14   | 36     | 26     | 0.3       | 1       | 0.84  | 92        | 7.6478 | 5.7717 |
| 2009 | 6     | 17  | 14   | 46     | 26     | 0.3       | 1       | 0.86  | 92.8      | 7.6866 | 5.9158 |
| 2009 | 6     | 17  | 14   | 56     | 26     | 0.3       | 1       | 0.85  | 88        | 7.7253 | 5.9023 |
| 2009 | 6     | 17  | 15   | 6      | 26     | 0.3       | 1       | 0.9   | 92.3      | 7.7253 | 6.2428 |
| 2009 | 6     | 17  | 15   | 16     | 26     | 0.3       | 1       | 0.82  | 90        | 7.7446 | 5.6677 |
| 2009 | 6     | 17  | 15   | 26     | 26     | 0.3       | 1       | 0.82  | 89.8      | 7.7446 | 5.6905 |
| 2009 | 6     | 17  | 15   | 36     | 26     | 0.3       | 1       | 0.83  | 91.4      | 7.7446 | 5.7588 |
| 2009 | 6     | 17  | 15   | 46     | 26     | 0.3       | 1       | 0.88  | 93.2      | 7.764  | 6.1165 |
| 2009 | 6     | 17  | 15   | 56     | 26     | 0.3       | 1       | 0.85  | 93.5      | 7.7446 | 5.9181 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 17  | 16   | 6      | 26     | 0.3       | 1       | 0.92  | 92.7      | 7.7446 | 6.3733 |
| 2009 | 6     | 17  | 16   | 16     | 26     | 0.3       | 1       | 0.94  | 90.8      | 7.7446 | 6.5099 |
| 2009 | 6     | 17  | 16   | 26     | 26     | 0.3       | 1       | 0.95  | 91        | 7.7446 | 6.5782 |
| 2009 | 6     | 17  | 16   | 36     | 26     | 0.3       | 1       | 0.9   | 92.9      | 7.7446 | 6.2368 |
| 2009 | 6     | 17  | 16   | 46     | 26     | 0.3       | 1       | 0.94  | 91.4      | 7.7446 | 6.4872 |
| 2009 | 6     | 17  | 16   | 56     | 26     | 0.3       | 1       | 0.86  | 92.4      | 7.7253 | 5.9704 |
| 2009 | 6     | 17  | 17   | 6      | 26     | 0.3       | 1       | 0.96  | 95.9      | 7.7253 | 6.5833 |
| 2009 | 6     | 17  | 17   | 16     | 26     | 0.3       | 1       | 0.85  | 89.1      | 7.7253 | 5.9023 |
| 2009 | 6     | 17  | 17   | 26     | 26     | 0.3       | 1       | 0.95  | 94.7      | 7.6866 | 6.5255 |
| 2009 | 6     | 17  | 17   | 36     | 26     | 0.3       | 1       | 0.84  | 90        | 7.6866 | 5.803  |
| 2009 | 6     | 17  | 17   | 46     | 26     | 0.3       | 1       | 0.95  | 88.4      | 7.6478 | 6.4904 |
| 2009 | 6     | 17  | 17   | 56     | 26     | 0.3       | 1       | 0.81  | 98.2      | 7.6478 | 5.4573 |
| 2009 | 6     | 17  | 18   | 6      | 26     | 0.3       | 1       | 0.87  | 94.5      | 7.6285 | 5.9129 |
| 2009 | 6     | 17  | 18   | 16     | 26     | 0.3       | 1       | 0.76  | 95.2      | 7.6091 | 5.1374 |
| 2009 | 6     | 17  | 18   | 26     | 26     | 0.3       | 1       | 0.81  | 100.4     | 7.6091 | 5.4502 |
| 2009 | 6     | 17  | 18   | 36     | 26     | 0.3       | 1       | 0.9   | 97.5      | 7.5898 | 6.0814 |
| 2009 | 6     | 17  | 18   | 46     | 26     | 0.3       | 1       | 0.83  | 93.6      | 7.5898 | 5.6358 |
| 2009 | 6     | 17  | 18   | 56     | 26     | 0.3       | 1       | 0.87  | 93.9      | 7.5704 | 5.9093 |
| 2009 | 6     | 17  | 19   | 6      | 26     | 0.3       | 1       | 0.84  | 94.7      | 7.5704 | 5.6427 |
| 2009 | 6     | 17  | 19   | 16     | 26     | 0.3       | 1       | 0.91  | 96.6      | 7.5704 | 6.1537 |
| 2009 | 6     | 17  | 19   | 26     | 26     | 0.3       | 1       | 0.78  | 98.2      | 7.5704 | 5.2206 |
| 2009 | 6     | 17  | 19   | 36     | 26     | 0.3       | 1       | 0.88  | 98.3      | 7.5704 | 5.9093 |
| 2009 | 6     | 17  | 19   | 46     | 26     | 0.3       | 1       | 0.92  | 95.1      | 7.5704 | 6.2203 |
| 2009 | 6     | 17  | 19   | 56     | 26     | 0.3       | 1       | 0.88  | 92.6      | 7.5704 | 5.9537 |
| 2009 | 6     | 17  | 20   | 6      | 26     | 0.3       | 1       | 0.84  | 96.5      | 7.5704 | 5.6205 |
| 2009 | 6     | 17  | 20   | 16     | 26     | 0.3       | 1       | 0.88  | 92.4      | 7.5511 | 5.9375 |
| 2009 | 6     | 17  | 20   | 26     | 26     | 0.3       | 1       | 0.76  | 96.4      | 7.5511 | 5.1178 |
| 2009 | 6     | 17  | 20   | 36     | 26     | 0.3       | 1       | 0.95  | 93.2      | 7.5317 | 6.3852 |
| 2009 | 6     | 17  | 20   | 46     | 26     | 0.3       | 1       | 0.89  | 89.6      | 7.5317 | 6.0096 |
| 2009 | 6     | 17  | 20   | 56     | 26     | 0.3       | 1       | 0.9   | 95.9      | 7.5317 | 6.0096 |
| 2009 | 6     | 17  | 21   | 6      | 26     | 0.3       | 1       | 0.82  | 95        | 7.5317 | 5.5235 |
| 2009 | 6     | 17  | 21   | 16     | 26     | 0.3       | 1       | 0.77  | 94.9      | 7.5317 | 5.1921 |
| 2009 | 6     | 17  | 21   | 26     | 26     | 0.3       | 1       | 0.81  | 93.5      | 7.5317 | 5.4352 |
| 2009 | 6     | 17  | 21   | 36     | 26     | 0.3       | 1       | 0.8   | 97.1      | 7.5317 | 5.3247 |
| 2009 | 6     | 17  | 21   | 46     | 26     | 0.3       | 1       | 0.8   | 95        | 7.5317 | 5.3468 |
| 2009 | 6     | 17  | 21   | 56     | 26     | 0.3       | 1       | 0.87  | 93        | 7.5124 | 5.8169 |
| 2009 | 6     | 17  | 22   | 6      | 26     | 0.3       | 1       | 0.91  | 89.6      | 7.5317 | 6.1422 |
| 2009 | 6     | 17  | 22   | 16     | 26     | 0.3       | 1       | 0.83  | 98.4      | 7.5124 | 5.5305 |
| 2009 | 6     | 17  | 22   | 26     | 26     | 0.3       | 1       | 0.78  | 97        | 7.5124 | 5.2    |
| 2009 | 6     | 17  | 22   | 36     | 26     | 0.3       | 1       | 0.8   | 93.8      | 7.5124 | 5.3322 |
| 2009 | 6     | 17  | 22   | 46     | 26     | 0.3       | 1       | 0.76  | 91.5      | 7.5124 | 5.1118 |
| 2009 | 6     | 17  | 22   | 56     | 26     | 0.3       | 1       | 0.84  | 95.4      | 7.5124 | 5.6186 |
| 2009 | 6     | 17  | 23   | 6      | 26     | 0.3       | 1       | 0.8   | 95.6      | 7.5124 | 5.3763 |
| 2009 | 6     | 17  | 23   | 16     | 26     | 0.3       | 1       | 0.78  | 96.8      | 7.493  | 5.1637 |
| 2009 | 6     | 17  | 23   | 26     | 26     | 0.3       | 1       | 0.83  | 92.3      | 7.493  | 5.5812 |
| 2009 | 6     | 17  | 23   | 36     | 26     | 0.3       | 1       | 0.74  | 93.1      | 7.493  | 4.922  |
| 2009 | 6     | 17  | 23   | 46     | 26     | 0.3       | 1       | 0.8   | 92.8      | 7.493  | 5.3395 |
| 2009 | 6     | 17  | 23   | 56     | 26     | 0.3       | 1       | 0.81  | 95.5      | 7.493  | 5.4274 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 18  | 0    | 6      | 26     | 0.3       | 1       | 0.81  | 94.2      | 7.493  | 5.3835 |
| 2009 | 6     | 18  | 0    | 16     | 26     | 0.3       | 1       | 0.82  | 94.8      | 7.493  | 5.4494 |
| 2009 | 6     | 18  | 0    | 26     | 26     | 0.3       | 1       | 0.8   | 91.9      | 7.493  | 5.3615 |
| 2009 | 6     | 18  | 0    | 36     | 26     | 0.3       | 1       | 0.83  | 97.1      | 7.4736 | 5.4782 |
| 2009 | 6     | 18  | 0    | 46     | 26     | 0.3       | 1       | 0.77  | 98.3      | 7.4736 | 5.0837 |
| 2009 | 6     | 18  | 0    | 56     | 26     | 0.3       | 1       | 0.78  | 97.2      | 7.4736 | 5.1933 |
| 2009 | 6     | 18  | 1    | 6      | 26     | 0.3       | 1       | 0.83  | 90.9      | 7.4736 | 5.5439 |
| 2009 | 6     | 18  | 1    | 16     | 26     | 0.3       | 1       | 0.8   | 92.8      | 7.4736 | 5.3467 |
| 2009 | 6     | 18  | 1    | 26     | 26     | 0.3       | 1       | 0.77  | 87.8      | 7.4736 | 5.1495 |
| 2009 | 6     | 18  | 1    | 36     | 26     | 0.3       | 1       | 0.77  | 99.5      | 7.4543 | 5.0697 |
| 2009 | 6     | 18  | 1    | 46     | 26     | 0.3       | 1       | 0.73  | 96.5      | 7.4543 | 4.8293 |
| 2009 | 6     | 18  | 1    | 56     | 26     | 0.3       | 1       | 0.8   | 96.8      | 7.4736 | 5.3029 |
| 2009 | 6     | 18  | 2    | 6      | 26     | 0.3       | 1       | 0.78  | 96        | 7.4736 | 5.1934 |
| 2009 | 6     | 18  | 2    | 16     | 26     | 0.3       | 1       | 0.78  | 98.7      | 7.4543 | 5.1353 |
| 2009 | 6     | 18  | 2    | 26     | 26     | 0.3       | 1       | 0.82  | 92.1      | 7.4543 | 5.4412 |
| 2009 | 6     | 18  | 2    | 36     | 26     | 0.3       | 1       | 0.66  | 93.4      | 7.4543 | 4.3923 |
| 2009 | 6     | 18  | 2    | 46     | 26     | 0.3       | 1       | 0.79  | 95.9      | 7.4543 | 5.2664 |
| 2009 | 6     | 18  | 2    | 56     | 26     | 0.3       | 1       | 0.71  | 87.6      | 7.4543 | 4.7419 |
| 2009 | 6     | 18  | 3    | 6      | 26     | 0.3       | 1       | 0.8   | 87.9      | 7.4543 | 5.3538 |
| 2009 | 6     | 18  | 3    | 16     | 26     | 0.3       | 1       | 0.79  | 93.6      | 7.4543 | 5.2664 |
| 2009 | 6     | 18  | 3    | 26     | 26     | 0.3       | 1       | 0.78  | 96        | 7.4543 | 5.179  |
| 2009 | 6     | 18  | 3    | 36     | 26     | 0.3       | 1       | 0.82  | 96.7      | 7.4543 | 5.4194 |
| 2009 | 6     | 18  | 3    | 46     | 26     | 0.3       | 1       | 0.77  | 99.6      | 7.4543 | 5.0261 |
| 2009 | 6     | 18  | 3    | 56     | 26     | 0.3       | 1       | 0.82  | 97.8      | 7.4349 | 5.3826 |
| 2009 | 6     | 18  | 4    | 6      | 26     | 0.3       | 1       | 0.77  | 92.2      | 7.4349 | 5.1211 |
| 2009 | 6     | 18  | 4    | 16     | 26     | 0.3       | 1       | 0.76  | 93.7      | 7.4349 | 5.0557 |
| 2009 | 6     | 18  | 4    | 26     | 26     | 0.3       | 1       | 0.73  | 92.3      | 7.4349 | 4.8596 |
| 2009 | 6     | 18  | 4    | 36     | 26     | 0.3       | 1       | 0.78  | 100.5     | 7.4349 | 5.0775 |
| 2009 | 6     | 18  | 4    | 46     | 26     | 0.3       | 1       | 0.77  | 95.9      | 7.4349 | 5.0993 |
| 2009 | 6     | 18  | 4    | 56     | 26     | 0.3       | 1       | 0.79  | 97.9      | 7.4349 | 5.2082 |
| 2009 | 6     | 18  | 5    | 6      | 26     | 0.3       | 1       | 0.76  | 97.6      | 7.4349 | 5.0339 |
| 2009 | 6     | 18  | 5    | 16     | 26     | 0.3       | 1       | 0.77  | 95.6      | 7.4349 | 5.0775 |
| 2009 | 6     | 18  | 5    | 26     | 26     | 0.3       | 1       | 0.72  | 91.8      | 7.4156 | 4.7809 |
| 2009 | 6     | 18  | 5    | 36     | 26     | 0.3       | 1       | 0.77  | 95.9      | 7.4349 | 5.0557 |
| 2009 | 6     | 18  | 5    | 46     | 26     | 0.3       | 1       | 0.81  | 91.6      | 7.4349 | 5.3826 |
| 2009 | 6     | 18  | 5    | 56     | 26     | 0.3       | 1       | 0.71  | 94.5      | 7.4349 | 4.7288 |
| 2009 | 6     | 18  | 6    | 6      | 26     | 0.3       | 1       | 0.73  | 97.7      | 7.4349 | 4.816  |
| 2009 | 6     | 18  | 6    | 16     | 26     | 0.3       | 1       | 0.76  | 92.5      | 7.4349 | 5.0121 |
| 2009 | 6     | 18  | 6    | 26     | 26     | 0.3       | 1       | 0.77  | 91.7      | 7.4349 | 5.0993 |
| 2009 | 6     | 18  | 6    | 36     | 26     | 0.3       | 1       | 0.72  | 97        | 7.4349 | 4.7724 |
| 2009 | 6     | 18  | 6    | 46     | 26     | 0.3       | 1       | 0.83  | 91.6      | 7.4349 | 5.5134 |
| 2009 | 6     | 18  | 6    | 56     | 26     | 0.3       | 1       | 0.71  | 98.5      | 7.4156 | 4.6505 |
| 2009 | 6     | 18  | 7    | 6      | 26     | 0.3       | 1       | 0.73  | 95.7      | 7.4156 | 4.7809 |
| 2009 | 6     | 18  | 7    | 16     | 26     | 0.3       | 1       | 0.7   | 98.6      | 7.4156 | 4.607  |
| 2009 | 6     | 18  | 7    | 26     | 26     | 0.3       | 1       | 0.72  | 93.4      | 7.4156 | 4.7374 |
| 2009 | 6     | 18  | 7    | 36     | 26     | 0.3       | 1       | 0.75  | 94.5      | 7.3962 | 4.9409 |
| 2009 | 6     | 18  | 7    | 46     | 26     | 0.3       | 1       | 0.6   | 93.1      | 7.3962 | 3.9657 |
| 2009 | 6     | 18  | 7    | 56     | 26     | 0.3       | 1       | 0.73  | 97.7      | 7.3962 | 4.7892 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 18  | 8    | 6      | 26     | 0.3       | 1       | 0.75  | 92.3      | 7.3769 | 4.9271 |
| 2009 | 6     | 18  | 8    | 16     | 26     | 0.3       | 1       | 0.72  | 94.7      | 7.3769 | 4.7326 |
| 2009 | 6     | 18  | 8    | 26     | 26     | 0.3       | 1       | 0.74  | 97.1      | 7.3575 | 4.827  |
| 2009 | 6     | 18  | 8    | 36     | 26     | 0.3       | 1       | 0.75  | 97.5      | 7.3575 | 4.9132 |
| 2009 | 6     | 18  | 8    | 46     | 26     | 0.3       | 1       | 0.69  | 93        | 7.3575 | 4.5469 |
| 2009 | 6     | 18  | 8    | 56     | 26     | 0.3       | 1       | 0.73  | 96.2      | 7.3575 | 4.7408 |
| 2009 | 6     | 18  | 9    | 6      | 26     | 0.3       | 1       | 0.78  | 92.6      | 7.3575 | 5.1287 |
| 2009 | 6     | 18  | 9    | 16     | 26     | 0.3       | 1       | 0.73  | 90.5      | 7.3769 | 4.7973 |
| 2009 | 6     | 18  | 9    | 26     | 26     | 0.3       | 1       | 0.6   | 95.4      | 7.3769 | 3.9113 |
| 2009 | 6     | 18  | 9    | 36     | 26     | 0.3       | 1       | 0.68  | 92.8      | 7.3769 | 4.4948 |
| 2009 | 6     | 18  | 9    | 46     | 26     | 0.3       | 1       | 0.78  | 93.4      | 7.4156 | 5.1285 |
| 2009 | 6     | 18  | 9    | 56     | 26     | 0.3       | 1       | 0.75  | 93.8      | 7.4349 | 4.9467 |
| 2009 | 6     | 18  | 10   | 6      | 26     | 0.3       | 1       | 0.73  | 91.3      | 7.4543 | 4.8293 |
| 2009 | 6     | 18  | 10   | 16     | 26     | 0.3       | 1       | 0.8   | 92.6      | 7.4736 | 5.3248 |
| 2009 | 6     | 18  | 10   | 26     | 26     | 0.3       | 1       | 0.76  | 90.5      | 7.493  | 5.1198 |
| 2009 | 6     | 18  | 10   | 36     | 26     | 0.3       | 1       | 0.81  | 95.1      | 7.5124 | 5.4204 |
| 2009 | 6     | 18  | 10   | 46     | 26     | 0.3       | 1       | 0.75  | 87.2      | 7.5124 | 5.0458 |
| 2009 | 6     | 18  | 10   | 56     | 26     | 0.3       | 1       | 0.87  | 88.9      | 7.5124 | 5.8169 |
| 2009 | 6     | 18  | 11   | 6      | 26     | 0.3       | 1       | 0.77  | 90        | 7.5317 | 5.1922 |
| 2009 | 6     | 18  | 11   | 16     | 26     | 0.3       | 1       | 0.73  | 89.5      | 7.5317 | 4.9271 |
| 2009 | 6     | 18  | 11   | 26     | 26     | 0.3       | 1       | 0.77  | 91.5      | 7.5317 | 5.1701 |
| 2009 | 6     | 18  | 11   | 36     | 26     | 0.3       | 1       | 0.7   | 90.8      | 7.5511 | 4.7412 |
| 2009 | 6     | 18  | 11   | 46     | 26     | 0.3       | 1       | 0.76  | 88        | 7.5511 | 5.1399 |
| 2009 | 6     | 18  | 11   | 56     | 26     | 0.3       | 1       | 0.77  | 89.3      | 7.5511 | 5.2285 |
| 2009 | 6     | 18  | 12   | 6      | 26     | 0.3       | 1       | 0.74  | 89.7      | 7.5511 | 5.007  |
| 2009 | 6     | 18  | 12   | 16     | 26     | 0.3       | 1       | 0.75  | 94.2      | 7.5511 | 5.0734 |
| 2009 | 6     | 18  | 12   | 26     | 26     | 0.3       | 1       | 0.78  | 91.2      | 7.5511 | 5.2728 |
| 2009 | 6     | 18  | 12   | 36     | 26     | 0.3       | 1       | 0.73  | 89.7      | 7.5511 | 4.8961 |
| 2009 | 6     | 18  | 12   | 46     | 26     | 0.3       | 1       | 0.75  | 89        | 7.5511 | 5.0512 |
| 2009 | 6     | 18  | 12   | 56     | 26     | 0.3       | 1       | 0.8   | 90        | 7.5704 | 5.4205 |
| 2009 | 6     | 18  | 13   | 6      | 26     | 0.3       | 1       | 0.83  | 88        | 7.5898 | 5.6357 |
| 2009 | 6     | 18  | 13   | 16     | 26     | 0.3       | 1       | 0.81  | 84.6      | 7.5898 | 5.4575 |
| 2009 | 6     | 18  | 13   | 26     | 26     | 0.3       | 1       | 0.8   | 86        | 7.6091 | 5.4054 |
| 2009 | 6     | 18  | 13   | 36     | 26     | 0.3       | 1       | 0.8   | 92.3      | 7.6285 | 5.4873 |
| 2009 | 6     | 18  | 13   | 46     | 26     | 0.3       | 1       | 0.83  | 84.4      | 7.6866 | 5.7126 |
| 2009 | 6     | 18  | 13   | 56     | 26     | 0.3       | 1       | 0.8   | 87.2      | 7.764  | 5.5687 |
| 2009 | 6     | 18  | 14   | 6      | 26     | 0.3       | 1       | 0.8   | 89.3      | 7.7833 | 5.5835 |
| 2009 | 6     | 18  | 14   | 16     | 26     | 0.3       | 1       | 0.85  | 86.7      | 7.7833 | 5.9039 |
| 2009 | 6     | 18  | 14   | 26     | 26     | 0.3       | 1       | 0.81  | 83.2      | 7.7833 | 5.5835 |
| 2009 | 6     | 18  | 14   | 36     | 26     | 0.3       | 1       | 0.81  | 85.4      | 7.8027 | 5.6442 |
| 2009 | 6     | 18  | 14   | 46     | 26     | 0.3       | 1       | 0.79  | 84.7      | 7.8027 | 5.4836 |
| 2009 | 6     | 18  | 14   | 56     | 26     | 0.3       | 1       | 0.8   | 84.4      | 7.8221 | 5.6131 |
| 2009 | 6     | 18  | 15   | 6      | 26     | 0.3       | 1       | 0.77  | 86.6      | 7.8221 | 5.3601 |
| 2009 | 6     | 18  | 15   | 16     | 26     | 0.3       | 1       | 0.85  | 87.3      | 7.8608 | 5.9666 |
| 2009 | 6     | 18  | 15   | 26     | 26     | 0.3       | 1       | 0.85  | 85.6      | 7.8608 | 5.9666 |
| 2009 | 6     | 18  | 15   | 36     | 26     | 0.3       | 1       | 0.79  | 80.2      | 7.8414 | 5.4665 |
| 2009 | 6     | 18  | 15   | 46     | 26     | 0.3       | 1       | 0.71  | 74.7      | 7.8414 | 4.8207 |
| 2009 | 6     | 18  | 15   | 56     | 26     | 0.3       | 1       | 0.84  | 72.8      | 7.8414 | 5.6741 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 18  | 16   | 6      | 26     | 0.3       | 1       | 0.83  | 80.4      | 7.8221 | 5.7281 |
| 2009 | 6     | 18  | 16   | 16     | 26     | 0.3       | 1       | 0.77  | 77.9      | 7.8221 | 5.268  |
| 2009 | 6     | 18  | 16   | 26     | 26     | 0.3       | 1       | 0.75  | 78.2      | 7.8221 | 5.153  |
| 2009 | 6     | 18  | 16   | 36     | 26     | 0.3       | 1       | 0.76  | 86        | 7.8221 | 5.314  |
| 2009 | 6     | 18  | 16   | 46     | 26     | 0.3       | 1       | 0.69  | 87.3      | 7.8027 | 4.7952 |
| 2009 | 6     | 18  | 16   | 56     | 26     | 0.3       | 1       | 0.78  | 86.6      | 7.8027 | 5.4147 |
| 2009 | 6     | 18  | 17   | 6      | 26     | 0.3       | 1       | 0.79  | 87.4      | 7.8027 | 5.5524 |
| 2009 | 6     | 18  | 17   | 16     | 26     | 0.3       | 1       | 0.84  | 88.4      | 7.7833 | 5.8351 |
| 2009 | 6     | 18  | 17   | 26     | 26     | 0.3       | 1       | 0.68  | 90.6      | 7.7833 | 4.7596 |
| 2009 | 6     | 18  | 17   | 36     | 26     | 0.3       | 1       | 0.79  | 85.5      | 7.764  | 5.4773 |
| 2009 | 6     | 18  | 17   | 46     | 26     | 0.3       | 1       | 0.79  | 85.9      | 7.7446 | 5.4627 |
| 2009 | 6     | 18  | 17   | 56     | 26     | 0.3       | 1       | 0.72  | 85.8      | 7.7446 | 4.9847 |
| 2009 | 6     | 18  | 18   | 6      | 26     | 0.3       | 1       | 0.7   | 87.1      | 7.7253 | 4.8579 |
| 2009 | 6     | 18  | 18   | 16     | 26     | 0.3       | 1       | 0.75  | 86.3      | 7.7059 | 5.1845 |
| 2009 | 6     | 18  | 18   | 26     | 26     | 0.3       | 1       | 0.74  | 92.6      | 7.6672 | 5.0441 |
| 2009 | 6     | 18  | 18   | 36     | 26     | 0.3       | 1       | 0.66  | 92.8      | 7.6672 | 4.5487 |
| 2009 | 6     | 18  | 18   | 46     | 26     | 0.3       | 1       | 0.65  | 92        | 7.6478 | 4.469  |
| 2009 | 6     | 18  | 18   | 56     | 26     | 0.3       | 1       | 0.76  | 89.5      | 7.6285 | 5.1736 |
| 2009 | 6     | 18  | 19   | 6      | 26     | 0.3       | 1       | 0.7   | 90        | 7.6285 | 4.7705 |
| 2009 | 6     | 18  | 19   | 16     | 26     | 0.3       | 1       | 0.71  | 90.8      | 7.6091 | 4.8022 |
| 2009 | 6     | 18  | 19   | 26     | 26     | 0.3       | 1       | 0.64  | 90.9      | 7.6091 | 4.3779 |
| 2009 | 6     | 18  | 19   | 36     | 26     | 0.3       | 1       | 0.72  | 97.4      | 7.6091 | 4.8469 |
| 2009 | 6     | 18  | 19   | 46     | 26     | 0.3       | 1       | 0.72  | 91.3      | 7.6091 | 4.8916 |
| 2009 | 6     | 18  | 19   | 56     | 26     | 0.3       | 1       | 0.73  | 86.6      | 7.5898 | 4.9451 |
| 2009 | 6     | 18  | 20   | 6      | 26     | 0.3       | 1       | 0.71  | 92.9      | 7.5898 | 4.7892 |
| 2009 | 6     | 18  | 20   | 16     | 26     | 0.3       | 1       | 0.65  | 95.2      | 7.5898 | 4.366  |
| 2009 | 6     | 18  | 20   | 26     | 26     | 0.3       | 1       | 0.67  | 90.3      | 7.5898 | 4.5219 |
| 2009 | 6     | 18  | 20   | 36     | 26     | 0.3       | 1       | 0.74  | 91.3      | 7.5898 | 5.0565 |
| 2009 | 6     | 18  | 20   | 46     | 26     | 0.3       | 1       | 0.66  | 96.2      | 7.5704 | 4.4652 |
| 2009 | 6     | 18  | 20   | 56     | 26     | 0.3       | 1       | 0.63  | 83.8      | 7.5704 | 4.2653 |
| 2009 | 6     | 18  | 21   | 6      | 26     | 0.3       | 1       | 0.64  | 90        | 7.5704 | 4.3319 |
| 2009 | 6     | 18  | 21   | 16     | 26     | 0.3       | 1       | 0.66  | 94.6      | 7.5704 | 4.443  |
| 2009 | 6     | 18  | 21   | 26     | 26     | 0.3       | 1       | 0.66  | 90.3      | 7.5511 | 4.4308 |
| 2009 | 6     | 18  | 21   | 36     | 26     | 0.3       | 1       | 0.68  | 89.7      | 7.5511 | 4.6081 |
| 2009 | 6     | 18  | 21   | 46     | 26     | 0.3       | 1       | 0.67  | 91.1      | 7.5511 | 4.5195 |
| 2009 | 6     | 18  | 21   | 56     | 26     | 0.3       | 1       | 0.6   | 97.9      | 7.5511 | 4.0099 |
| 2009 | 6     | 18  | 22   | 6      | 26     | 0.3       | 1       | 0.61  | 93.1      | 7.5511 | 4.1207 |
| 2009 | 6     | 18  | 22   | 16     | 26     | 0.3       | 1       | 0.64  | 95        | 7.5511 | 4.2758 |
| 2009 | 6     | 18  | 22   | 26     | 26     | 0.3       | 1       | 0.65  | 89.4      | 7.5511 | 4.4087 |
| 2009 | 6     | 18  | 22   | 36     | 26     | 0.3       | 1       | 0.67  | 94.2      | 7.5511 | 4.4974 |
| 2009 | 6     | 18  | 22   | 46     | 26     | 0.3       | 1       | 0.67  | 96.2      | 7.5511 | 4.4752 |
| 2009 | 6     | 18  | 22   | 56     | 26     | 0.3       | 1       | 0.71  | 94.5      | 7.5511 | 4.7632 |
| 2009 | 6     | 18  | 23   | 6      | 26     | 0.3       | 1       | 0.72  | 91.6      | 7.5317 | 4.8386 |
| 2009 | 6     | 18  | 23   | 16     | 26     | 0.3       | 1       | 0.65  | 93.2      | 7.5317 | 4.3967 |
| 2009 | 6     | 18  | 23   | 26     | 26     | 0.3       | 1       | 0.67  | 90        | 7.5317 | 4.5072 |
| 2009 | 6     | 18  | 23   | 36     | 26     | 0.3       | 1       | 0.71  | 91.6      | 7.5317 | 4.7502 |
| 2009 | 6     | 18  | 23   | 46     | 26     | 0.3       | 1       | 0.65  | 92.9      | 7.5317 | 4.3746 |
| 2009 | 6     | 18  | 23   | 56     | 26     | 0.3       | 1       | 0.66  | 91.1      | 7.5317 | 4.463  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 19  | 0    | 6      | 26     | 0.3       | 1       | 0.72  | 83.2      | 7.5317 | 4.7944 |
| 2009 | 6     | 19  | 0    | 16     | 26     | 0.3       | 1       | 0.69  | 96.5      | 7.5317 | 4.6398 |
| 2009 | 6     | 19  | 0    | 26     | 26     | 0.3       | 1       | 0.66  | 85.5      | 7.5317 | 4.463  |
| 2009 | 6     | 19  | 0    | 36     | 26     | 0.3       | 1       | 0.71  | 93.7      | 7.5317 | 4.7724 |
| 2009 | 6     | 19  | 0    | 46     | 26     | 0.3       | 1       | 0.67  | 91.4      | 7.5317 | 4.5293 |
| 2009 | 6     | 19  | 0    | 56     | 26     | 0.3       | 1       | 0.66  | 89.1      | 7.5317 | 4.441  |
| 2009 | 6     | 19  | 1    | 6      | 26     | 0.3       | 1       | 0.69  | 87.8      | 7.5317 | 4.6619 |
| 2009 | 6     | 19  | 1    | 16     | 26     | 0.3       | 1       | 0.64  | 99.1      | 7.5124 | 4.2745 |
| 2009 | 6     | 19  | 1    | 26     | 26     | 0.3       | 1       | 0.65  | 93.7      | 7.5124 | 4.3847 |
| 2009 | 6     | 19  | 1    | 36     | 26     | 0.3       | 1       | 0.57  | 94.3      | 7.5124 | 3.8339 |
| 2009 | 6     | 19  | 1    | 46     | 26     | 0.3       | 1       | 0.66  | 93.4      | 7.5124 | 4.4288 |
| 2009 | 6     | 19  | 1    | 56     | 26     | 0.3       | 1       | 0.66  | 99.4      | 7.5124 | 4.3847 |
| 2009 | 6     | 19  | 2    | 6      | 26     | 0.3       | 1       | 0.63  | 94.8      | 7.5124 | 4.1864 |
| 2009 | 6     | 19  | 2    | 16     | 26     | 0.3       | 1       | 0.62  | 93        | 7.5124 | 4.1864 |
| 2009 | 6     | 19  | 2    | 26     | 26     | 0.3       | 1       | 0.59  | 86.8      | 7.5124 | 3.9441 |
| 2009 | 6     | 19  | 2    | 36     | 26     | 0.3       | 1       | 0.63  | 89.4      | 7.5124 | 4.2525 |
| 2009 | 6     | 19  | 2    | 46     | 26     | 0.3       | 1       | 0.69  | 92.2      | 7.5124 | 4.6051 |
| 2009 | 6     | 19  | 2    | 56     | 26     | 0.3       | 1       | 0.6   | 93.7      | 7.5124 | 4.0542 |
| 2009 | 6     | 19  | 3    | 6      | 26     | 0.3       | 1       | 0.62  | 88.8      | 7.5124 | 4.1424 |
| 2009 | 6     | 19  | 3    | 16     | 26     | 0.3       | 1       | 0.68  | 91.4      | 7.5124 | 4.561  |
| 2009 | 6     | 19  | 3    | 26     | 26     | 0.3       | 1       | 0.66  | 86.6      | 7.5124 | 4.4288 |
| 2009 | 6     | 19  | 3    | 36     | 26     | 0.3       | 1       | 0.6   | 95.6      | 7.493  | 3.9991 |
| 2009 | 6     | 19  | 3    | 46     | 26     | 0.3       | 1       | 0.65  | 91.4      | 7.493  | 4.3507 |
| 2009 | 6     | 19  | 3    | 56     | 26     | 0.3       | 1       | 0.65  | 86.5      | 7.493  | 4.3507 |
| 2009 | 6     | 19  | 4    | 6      | 26     | 0.3       | 1       | 0.71  | 91.6      | 7.493  | 4.7682 |
| 2009 | 6     | 19  | 4    | 16     | 26     | 0.3       | 1       | 0.68  | 89.7      | 7.493  | 4.5705 |
| 2009 | 6     | 19  | 4    | 26     | 26     | 0.3       | 1       | 0.66  | 88.3      | 7.493  | 4.4386 |
| 2009 | 6     | 19  | 4    | 36     | 26     | 0.3       | 1       | 0.63  | 95.9      | 7.493  | 4.2189 |
| 2009 | 6     | 19  | 4    | 46     | 26     | 0.3       | 1       | 0.63  | 92.7      | 7.493  | 4.2409 |
| 2009 | 6     | 19  | 4    | 56     | 26     | 0.3       | 1       | 0.65  | 90        | 7.493  | 4.3507 |
| 2009 | 6     | 19  | 5    | 6      | 26     | 0.3       | 1       | 0.63  | 96.2      | 7.493  | 4.2189 |
| 2009 | 6     | 19  | 5    | 16     | 26     | 0.3       | 1       | 0.68  | 90        | 7.493  | 4.5485 |
| 2009 | 6     | 19  | 5    | 26     | 26     | 0.3       | 1       | 0.57  | 87.1      | 7.493  | 3.8454 |
| 2009 | 6     | 19  | 5    | 36     | 26     | 0.3       | 1       | 0.67  | 99.8      | 7.493  | 4.4387 |
| 2009 | 6     | 19  | 5    | 46     | 26     | 0.3       | 1       | 0.68  | 92.2      | 7.493  | 4.5705 |
| 2009 | 6     | 19  | 5    | 56     | 26     | 0.3       | 1       | 0.6   | 92.5      | 7.493  | 3.9992 |
| 2009 | 6     | 19  | 6    | 6      | 26     | 0.3       | 1       | 0.63  | 97.5      | 7.493  | 4.153  |
| 2009 | 6     | 19  | 6    | 16     | 26     | 0.3       | 1       | 0.63  | 99.3      | 7.493  | 4.153  |
| 2009 | 6     | 19  | 6    | 26     | 26     | 0.3       | 1       | 0.7   | 99.2      | 7.4736 | 4.6236 |
| 2009 | 6     | 19  | 6    | 36     | 26     | 0.3       | 1       | 0.58  | 98.5      | 7.493  | 3.8454 |
| 2009 | 6     | 19  | 6    | 46     | 26     | 0.3       | 1       | 0.66  | 91.4      | 7.493  | 4.4167 |
| 2009 | 6     | 19  | 6    | 56     | 26     | 0.3       | 1       | 0.63  | 96.6      | 7.493  | 4.197  |
| 2009 | 6     | 19  | 7    | 6      | 26     | 0.3       | 1       | 0.62  | 95.7      | 7.493  | 4.153  |
| 2009 | 6     | 19  | 7    | 16     | 26     | 0.3       | 1       | 0.64  | 91.2      | 7.493  | 4.3068 |
| 2009 | 6     | 19  | 7    | 26     | 26     | 0.3       | 1       | 0.6   | 92.8      | 7.493  | 4.0431 |
| 2009 | 6     | 19  | 7    | 36     | 26     | 0.3       | 1       | 0.65  | 90.3      | 7.4736 | 4.3168 |
| 2009 | 6     | 19  | 7    | 46     | 26     | 0.3       | 1       | 0.57  | 92.6      | 7.4736 | 3.8347 |
| 2009 | 6     | 19  | 7    | 56     | 26     | 0.3       | 1       | 0.64  | 96.2      | 7.4736 | 4.2292 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 19  | 8    | 6      | 26     | 0.3       | 1       | 0.58  | 92.3      | 7.4736 | 3.8786 |
| 2009 | 6     | 19  | 8    | 16     | 26     | 0.3       | 1       | 0.65  | 94.9      | 7.4736 | 4.3387 |
| 2009 | 6     | 19  | 8    | 26     | 26     | 0.3       | 1       | 0.6   | 96.5      | 7.4736 | 4.01   |
| 2009 | 6     | 19  | 8    | 36     | 26     | 0.3       | 1       | 0.67  | 89.2      | 7.4736 | 4.4921 |
| 2009 | 6     | 19  | 8    | 46     | 26     | 0.3       | 1       | 0.63  | 87.9      | 7.4736 | 4.1853 |
| 2009 | 6     | 19  | 8    | 56     | 26     | 0.3       | 1       | 0.67  | 91.1      | 7.4736 | 4.4482 |
| 2009 | 6     | 19  | 9    | 6      | 26     | 0.3       | 1       | 0.63  | 97.2      | 7.4736 | 4.1415 |
| 2009 | 6     | 19  | 9    | 16     | 26     | 0.3       | 1       | 0.6   | 96.9      | 7.4736 | 3.9661 |
| 2009 | 6     | 19  | 9    | 26     | 26     | 0.3       | 1       | 0.57  | 96.6      | 7.4736 | 3.7689 |
| 2009 | 6     | 19  | 9    | 36     | 26     | 0.3       | 1       | 0.59  | 95.1      | 7.4736 | 3.9223 |
| 2009 | 6     | 19  | 9    | 46     | 26     | 0.3       | 1       | 0.63  | 91.2      | 7.4543 | 4.2173 |
| 2009 | 6     | 19  | 9    | 56     | 26     | 0.3       | 1       | 0.58  | 97.8      | 7.4543 | 3.8459 |
| 2009 | 6     | 19  | 10   | 6      | 26     | 0.3       | 1       | 0.71  | 88.9      | 7.4543 | 4.7417 |
| 2009 | 6     | 19  | 10   | 16     | 26     | 0.3       | 1       | 0.57  | 87.1      | 7.4543 | 3.824  |
| 2009 | 6     | 19  | 10   | 26     | 26     | 0.3       | 1       | 0.65  | 94        | 7.4543 | 4.3265 |
| 2009 | 6     | 19  | 10   | 36     | 26     | 0.3       | 1       | 0.58  | 89        | 7.4543 | 3.8677 |
| 2009 | 6     | 19  | 10   | 46     | 26     | 0.3       | 1       | 0.64  | 88.8      | 7.4543 | 4.2828 |
| 2009 | 6     | 19  | 10   | 56     | 26     | 0.3       | 1       | 0.6   | 91.6      | 7.4349 | 3.9658 |
| 2009 | 6     | 19  | 11   | 6      | 26     | 0.3       | 1       | 0.62  | 85.5      | 7.4349 | 4.1184 |
| 2009 | 6     | 19  | 11   | 16     | 26     | 0.3       | 1       | 0.6   | 88.1      | 7.4349 | 3.9876 |
| 2009 | 6     | 19  | 11   | 26     | 26     | 0.3       | 1       | 0.57  | 83        | 7.4156 | 3.7375 |
| 2009 | 6     | 19  | 11   | 36     | 26     | 0.3       | 1       | 0.55  | 91.7      | 7.3962 | 3.6187 |
| 2009 | 6     | 19  | 11   | 46     | 26     | 0.3       | 1       | 0.64  | 88.2      | 7.3769 | 4.2352 |
| 2009 | 6     | 19  | 11   | 56     | 26     | 0.3       | 1       | 0.57  | 87        | 7.3769 | 3.7166 |
| 2009 | 6     | 19  | 12   | 6      | 26     | 0.3       | 1       | 0.61  | 87.2      | 7.3769 | 3.9974 |
| 2009 | 6     | 19  | 12   | 16     | 26     | 0.3       | 1       | 0.54  | 75.6      | 7.3575 | 3.4475 |
| 2009 | 6     | 19  | 12   | 26     | 26     | 0.3       | 1       | 0.58  | 78.2      | 7.3575 | 3.7061 |
| 2009 | 6     | 19  | 12   | 36     | 26     | 0.3       | 1       | 0.51  | 84.8      | 7.3575 | 3.3398 |
| 2009 | 6     | 19  | 12   | 46     | 26     | 0.3       | 1       | 0.63  | 78.9      | 7.3381 | 4.0609 |
| 2009 | 6     | 19  | 12   | 56     | 26     | 0.3       | 1       | 0.59  | 74.1      | 7.3381 | 3.6956 |
| 2009 | 6     | 19  | 13   | 6      | 26     | 0.3       | 1       | 0.63  | 84        | 7.3381 | 4.0824 |
| 2009 | 6     | 19  | 13   | 16     | 26     | 0.3       | 1       | 0.56  | 87        | 7.3381 | 3.6527 |
| 2009 | 6     | 19  | 13   | 26     | 26     | 0.3       | 1       | 0.53  | 90        | 7.3381 | 3.4808 |
| 2009 | 6     | 19  | 13   | 36     | 26     | 0.3       | 1       | 0.67  | 84.9      | 7.3381 | 4.3402 |
| 2009 | 6     | 19  | 13   | 46     | 26     | 0.3       | 1       | 0.62  | 85.2      | 7.3381 | 4.0609 |
| 2009 | 6     | 19  | 13   | 56     | 26     | 0.3       | 1       | 0.5   | 83.2      | 7.3188 | 3.2352 |
| 2009 | 6     | 19  | 14   | 6      | 26     | 0.3       | 1       | 0.57  | 86.4      | 7.3188 | 3.7066 |
| 2009 | 6     | 19  | 14   | 16     | 26     | 0.3       | 1       | 0.5   | 82        | 7.3188 | 3.2138 |
| 2009 | 6     | 19  | 14   | 26     | 26     | 0.3       | 1       | 0.53  | 76.8      | 7.2994 | 3.3756 |
| 2009 | 6     | 19  | 14   | 36     | 26     | 0.3       | 1       | 0.54  | 83.4      | 7.2994 | 3.5252 |
| 2009 | 6     | 19  | 14   | 46     | 26     | 0.3       | 1       | 0.62  | 90.3      | 7.2994 | 4.0166 |
| 2009 | 6     | 19  | 14   | 56     | 26     | 0.3       | 1       | 0.53  | 76.4      | 7.2801 | 3.3448 |
| 2009 | 6     | 19  | 15   | 6      | 26     | 0.3       | 1       | 0.56  | 79.2      | 7.2801 | 3.5578 |
| 2009 | 6     | 19  | 15   | 16     | 26     | 0.3       | 1       | 0.57  | 84.7      | 7.2801 | 3.7069 |
| 2009 | 6     | 19  | 15   | 26     | 26     | 0.3       | 1       | 0.5   | 74.2      | 7.2801 | 3.153  |
| 2009 | 6     | 19  | 15   | 36     | 26     | 0.3       | 1       | 0.58  | 83.2      | 7.2801 | 3.7282 |
| 2009 | 6     | 19  | 15   | 46     | 26     | 0.3       | 1       | 0.55  | 77.9      | 7.2607 | 3.4627 |
| 2009 | 6     | 19  | 15   | 56     | 26     | 0.3       | 1       | 0.6   | 72.6      | 7.2607 | 3.7176 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 19  | 16   | 6      | 26     | 0.3       | 1       | 0.51  | 79.2      | 7.2414 | 3.2198 |
| 2009 | 6     | 19  | 16   | 16     | 26     | 0.3       | 1       | 0.55  | 80.8      | 7.2026 | 3.4962 |
| 2009 | 6     | 19  | 16   | 26     | 26     | 0.3       | 1       | 0.52  | 81        | 7.1833 | 3.3182 |
| 2009 | 6     | 19  | 16   | 36     | 26     | 0.3       | 1       | 0.58  | 76.2      | 7.1833 | 3.5912 |
| 2009 | 6     | 19  | 16   | 46     | 26     | 0.3       | 1       | 0.52  | 81        | 7.1833 | 3.3182 |
| 2009 | 6     | 19  | 16   | 56     | 26     | 0.3       | 1       | 0.44  | 85.8      | 7.1833 | 2.8351 |
| 2009 | 6     | 19  | 17   | 6      | 26     | 0.3       | 1       | 0.57  | 83        | 7.1639 | 3.5808 |
| 2009 | 6     | 19  | 17   | 16     | 26     | 0.3       | 1       | 0.5   | 76.3      | 7.1639 | 3.0992 |
| 2009 | 6     | 19  | 17   | 26     | 26     | 0.3       | 1       | 0.45  | 79.6      | 7.1639 | 2.8479 |
| 2009 | 6     | 19  | 17   | 36     | 26     | 0.3       | 1       | 0.58  | 87.1      | 7.1639 | 3.7065 |
| 2009 | 6     | 19  | 17   | 46     | 26     | 0.3       | 1       | 0.58  | 82.5      | 7.1446 | 3.654  |
| 2009 | 6     | 19  | 17   | 56     | 26     | 0.3       | 1       | 0.54  | 86.9      | 7.1446 | 3.4243 |
| 2009 | 6     | 19  | 18   | 6      | 26     | 0.3       | 1       | 0.51  | 80.8      | 7.1446 | 3.2155 |
| 2009 | 6     | 19  | 18   | 16     | 26     | 0.3       | 1       | 0.55  | 78        | 7.1446 | 3.4243 |
| 2009 | 6     | 19  | 18   | 26     | 26     | 0.3       | 1       | 0.57  | 83.8      | 7.1446 | 3.6331 |
| 2009 | 6     | 19  | 18   | 36     | 26     | 0.3       | 1       | 0.47  | 81.9      | 7.1446 | 2.9441 |
| 2009 | 6     | 19  | 18   | 46     | 26     | 0.3       | 1       | 0.46  | 76.4      | 7.1446 | 2.8397 |
| 2009 | 6     | 19  | 18   | 56     | 26     | 0.3       | 1       | 0.51  | 79.9      | 7.1446 | 3.1738 |
| 2009 | 6     | 19  | 19   | 6      | 26     | 0.3       | 1       | 0.55  | 79.4      | 7.1446 | 3.4452 |
| 2009 | 6     | 19  | 19   | 16     | 26     | 0.3       | 1       | 0.49  | 98.1      | 7.1252 | 3.0605 |
| 2009 | 6     | 19  | 19   | 26     | 26     | 0.3       | 1       | 0.47  | 88        | 7.1252 | 2.9564 |
| 2009 | 6     | 19  | 19   | 36     | 26     | 0.3       | 1       | 0.49  | 86.2      | 7.1252 | 3.123  |
| 2009 | 6     | 19  | 19   | 46     | 26     | 0.3       | 1       | 0.5   | 81.7      | 7.1252 | 3.123  |
| 2009 | 6     | 19  | 19   | 56     | 26     | 0.3       | 1       | 0.48  | 82.1      | 7.1252 | 2.9981 |
| 2009 | 6     | 19  | 20   | 6      | 26     | 0.3       | 1       | 0.53  | 93.9      | 7.1252 | 3.3728 |
| 2009 | 6     | 19  | 20   | 16     | 26     | 0.3       | 1       | 0.53  | 99.3      | 7.1252 | 3.2895 |
| 2009 | 6     | 19  | 20   | 26     | 26     | 0.3       | 1       | 0.44  | 95.1      | 7.1252 | 2.8107 |
| 2009 | 6     | 19  | 20   | 36     | 26     | 0.3       | 1       | 0.5   | 87.7      | 7.1252 | 3.1646 |
| 2009 | 6     | 19  | 20   | 46     | 26     | 0.3       | 1       | 0.51  | 88.5      | 7.1252 | 3.2063 |
| 2009 | 6     | 19  | 20   | 56     | 26     | 0.3       | 1       | 0.49  | 82.4      | 7.1252 | 3.1022 |
| 2009 | 6     | 19  | 21   | 6      | 26     | 0.3       | 1       | 0.57  | 90        | 7.1252 | 3.6019 |
| 2009 | 6     | 19  | 21   | 16     | 26     | 0.3       | 1       | 0.53  | 84.7      | 7.1059 | 3.3423 |
| 2009 | 6     | 19  | 21   | 26     | 26     | 0.3       | 1       | 0.44  | 92.6      | 7.1252 | 2.7691 |
| 2009 | 6     | 19  | 21   | 36     | 26     | 0.3       | 1       | 0.43  | 89.6      | 7.1059 | 2.7403 |
| 2009 | 6     | 19  | 21   | 46     | 26     | 0.3       | 1       | 0.43  | 94.4      | 7.1059 | 2.7195 |
| 2009 | 6     | 19  | 21   | 56     | 26     | 0.3       | 1       | 0.52  | 91.1      | 7.1059 | 3.3008 |
| 2009 | 6     | 19  | 22   | 6      | 26     | 0.3       | 1       | 0.53  | 89.6      | 7.1059 | 3.3423 |
| 2009 | 6     | 19  | 22   | 16     | 26     | 0.3       | 1       | 0.55  | 91.7      | 7.1059 | 3.4669 |
| 2009 | 6     | 19  | 22   | 26     | 26     | 0.3       | 1       | 0.54  | 91.4      | 7.1059 | 3.4254 |
| 2009 | 6     | 19  | 22   | 36     | 26     | 0.3       | 1       | 0.47  | 94.8      | 7.1059 | 2.9687 |
| 2009 | 6     | 19  | 22   | 46     | 26     | 0.3       | 1       | 0.51  | 91.8      | 7.1059 | 3.2178 |
| 2009 | 6     | 19  | 22   | 56     | 26     | 0.3       | 1       | 0.54  | 91        | 7.1059 | 3.4046 |
| 2009 | 6     | 19  | 23   | 6      | 26     | 0.3       | 1       | 0.44  | 85.7      | 7.1059 | 2.7611 |
| 2009 | 6     | 19  | 23   | 16     | 26     | 0.3       | 1       | 0.51  | 86.7      | 7.1059 | 3.197  |
| 2009 | 6     | 19  | 23   | 26     | 26     | 0.3       | 1       | 0.54  | 85.8      | 7.1059 | 3.4254 |
| 2009 | 6     | 19  | 23   | 36     | 26     | 0.3       | 1       | 0.47  | 92        | 7.1059 | 2.9479 |
| 2009 | 6     | 19  | 23   | 46     | 26     | 0.3       | 1       | 0.54  | 90.3      | 7.1059 | 3.4047 |
| 2009 | 6     | 19  | 23   | 56     | 26     | 0.3       | 1       | 0.51  | 89.6      | 7.1059 | 3.2178 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 20  | 0    | 6      | 26     | 0.3       | 1       | 0.52  | 91.1      | 7.1059 | 3.3009 |
| 2009 | 6     | 20  | 0    | 16     | 26     | 0.3       | 1       | 0.49  | 95.4      | 7.1059 | 3.0725 |
| 2009 | 6     | 20  | 0    | 26     | 26     | 0.3       | 1       | 0.54  | 87.2      | 7.1059 | 3.4254 |
| 2009 | 6     | 20  | 0    | 36     | 26     | 0.3       | 1       | 0.42  | 95.8      | 7.1059 | 2.6573 |
| 2009 | 6     | 20  | 0    | 46     | 26     | 0.3       | 1       | 0.54  | 93.1      | 7.1059 | 3.4047 |
| 2009 | 6     | 20  | 0    | 56     | 26     | 0.3       | 1       | 0.49  | 91.5      | 7.1059 | 3.0933 |
| 2009 | 6     | 20  | 1    | 6      | 26     | 0.3       | 1       | 0.49  | 84.6      | 7.1059 | 3.0933 |
| 2009 | 6     | 20  | 1    | 16     | 26     | 0.3       | 1       | 0.5   | 93.8      | 7.1059 | 3.1556 |
| 2009 | 6     | 20  | 1    | 26     | 26     | 0.3       | 1       | 0.57  | 91        | 7.1059 | 3.5916 |
| 2009 | 6     | 20  | 1    | 36     | 26     | 0.3       | 1       | 0.52  | 80.2      | 7.1059 | 3.2386 |
| 2009 | 6     | 20  | 1    | 46     | 26     | 0.3       | 1       | 0.47  | 91.6      | 7.1059 | 2.9895 |
| 2009 | 6     | 20  | 1    | 56     | 26     | 0.3       | 1       | 0.47  | 102.1     | 7.1059 | 2.9065 |
| 2009 | 6     | 20  | 2    | 6      | 26     | 0.3       | 1       | 0.49  | 96.1      | 7.1059 | 3.0933 |
| 2009 | 6     | 20  | 2    | 16     | 26     | 0.3       | 1       | 0.47  | 88        | 7.1059 | 2.9895 |
| 2009 | 6     | 20  | 2    | 26     | 26     | 0.3       | 1       | 0.52  | 92.2      | 7.1059 | 3.2802 |
| 2009 | 6     | 20  | 2    | 36     | 26     | 0.3       | 1       | 0.58  | 94.9      | 7.1059 | 3.6331 |
| 2009 | 6     | 20  | 2    | 46     | 26     | 0.3       | 1       | 0.51  | 95.6      | 7.1059 | 3.1971 |
| 2009 | 6     | 20  | 2    | 56     | 26     | 0.3       | 1       | 0.53  | 92.1      | 7.1059 | 3.3632 |
| 2009 | 6     | 20  | 3    | 6      | 26     | 0.3       | 1       | 0.53  | 86.8      | 7.1059 | 3.3632 |
| 2009 | 6     | 20  | 3    | 16     | 26     | 0.3       | 1       | 0.47  | 88        | 7.1059 | 2.9688 |
| 2009 | 6     | 20  | 3    | 26     | 26     | 0.3       | 1       | 0.58  | 92.9      | 7.1059 | 3.6747 |
| 2009 | 6     | 20  | 3    | 36     | 26     | 0.3       | 1       | 0.52  | 99        | 7.1059 | 3.2802 |
| 2009 | 6     | 20  | 3    | 46     | 26     | 0.3       | 1       | 0.47  | 95.6      | 7.1059 | 2.9896 |
| 2009 | 6     | 20  | 3    | 56     | 26     | 0.3       | 1       | 0.47  | 100.5     | 7.1059 | 2.9065 |
| 2009 | 6     | 20  | 4    | 6      | 26     | 0.3       | 1       | 0.51  | 95.2      | 7.1059 | 3.1972 |
| 2009 | 6     | 20  | 4    | 16     | 26     | 0.3       | 1       | 0.55  | 94.8      | 7.1059 | 3.4671 |
| 2009 | 6     | 20  | 4    | 26     | 26     | 0.3       | 1       | 0.51  | 94.1      | 7.0865 | 3.2086 |
| 2009 | 6     | 20  | 4    | 36     | 26     | 0.3       | 1       | 0.45  | 94.1      | 7.0865 | 2.8567 |
| 2009 | 6     | 20  | 4    | 46     | 26     | 0.3       | 1       | 0.58  | 92        | 7.1059 | 3.6539 |
| 2009 | 6     | 20  | 4    | 56     | 26     | 0.3       | 1       | 0.51  | 95.2      | 7.1059 | 3.1972 |
| 2009 | 6     | 20  | 5    | 6      | 26     | 0.3       | 1       | 0.53  | 93.9      | 7.1059 | 3.3425 |
| 2009 | 6     | 20  | 5    | 16     | 26     | 0.3       | 1       | 0.51  | 96.3      | 7.1059 | 3.218  |
| 2009 | 6     | 20  | 5    | 26     | 26     | 0.3       | 1       | 0.51  | 91.9      | 7.1059 | 3.1972 |
| 2009 | 6     | 20  | 5    | 36     | 26     | 0.3       | 1       | 0.46  | 94.5      | 7.1059 | 2.9066 |
| 2009 | 6     | 20  | 5    | 46     | 26     | 0.3       | 1       | 0.55  | 98.6      | 7.1059 | 3.4464 |
| 2009 | 6     | 20  | 5    | 56     | 26     | 0.3       | 1       | 0.45  | 87.5      | 7.1059 | 2.8235 |
| 2009 | 6     | 20  | 6    | 6      | 26     | 0.3       | 1       | 0.58  | 85.2      | 7.1059 | 3.6747 |
| 2009 | 6     | 20  | 6    | 16     | 26     | 0.3       | 1       | 0.49  | 101.6     | 7.0865 | 3.0223 |
| 2009 | 6     | 20  | 6    | 26     | 26     | 0.3       | 1       | 0.51  | 91.5      | 7.1059 | 3.1972 |
| 2009 | 6     | 20  | 6    | 36     | 26     | 0.3       | 1       | 0.52  | 94.7      | 7.1059 | 3.301  |
| 2009 | 6     | 20  | 6    | 46     | 26     | 0.3       | 1       | 0.52  | 91.4      | 7.0865 | 3.2914 |
| 2009 | 6     | 20  | 6    | 56     | 26     | 0.3       | 1       | 0.46  | 91.2      | 7.1059 | 2.9273 |
| 2009 | 6     | 20  | 7    | 6      | 26     | 0.3       | 1       | 0.59  | 86.5      | 7.0865 | 3.6847 |
| 2009 | 6     | 20  | 7    | 16     | 26     | 0.3       | 1       | 0.47  | 97.3      | 7.1059 | 2.9273 |
| 2009 | 6     | 20  | 7    | 26     | 26     | 0.3       | 1       | 0.52  | 87.8      | 7.0865 | 3.2914 |
| 2009 | 6     | 20  | 7    | 36     | 26     | 0.3       | 1       | 0.53  | 97.8      | 7.0865 | 3.3121 |
| 2009 | 6     | 20  | 7    | 46     | 26     | 0.3       | 1       | 0.45  | 85.4      | 7.0865 | 2.8153 |
| 2009 | 6     | 20  | 7    | 56     | 26     | 0.3       | 1       | 0.48  | 84.2      | 7.0865 | 3.043  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 20  | 8    | 6      | 26     | 0.3       | 1       | 0.48  | 86.5      | 7.0865 | 3.043  |
| 2009 | 6     | 20  | 8    | 16     | 26     | 0.3       | 1       | 0.5   | 78.6      | 7.0865 | 3.0844 |
| 2009 | 6     | 20  | 8    | 26     | 26     | 0.3       | 1       | 0.49  | 100.4     | 7.0865 | 3.043  |
| 2009 | 6     | 20  | 8    | 36     | 26     | 0.3       | 1       | 0.52  | 86.8      | 7.0865 | 3.2914 |
| 2009 | 6     | 20  | 8    | 46     | 26     | 0.3       | 1       | 0.56  | 93        | 7.0865 | 3.4984 |
| 2009 | 6     | 20  | 8    | 56     | 26     | 0.3       | 1       | 0.58  | 94.2      | 7.1059 | 3.6331 |
| 2009 | 6     | 20  | 9    | 6      | 26     | 0.3       | 1       | 0.46  | 89.2      | 7.0865 | 2.8773 |
| 2009 | 6     | 20  | 9    | 16     | 26     | 0.3       | 1       | 0.52  | 88.2      | 7.1059 | 3.2802 |
| 2009 | 6     | 20  | 9    | 26     | 26     | 0.3       | 1       | 0.53  | 91.4      | 7.1059 | 3.3425 |
| 2009 | 6     | 20  | 9    | 36     | 26     | 0.3       | 1       | 0.5   | 88.9      | 7.0865 | 3.1671 |
| 2009 | 6     | 20  | 9    | 46     | 26     | 0.3       | 1       | 0.5   | 98.6      | 7.0865 | 3.1464 |
| 2009 | 6     | 20  | 9    | 56     | 26     | 0.3       | 1       | 0.47  | 89.2      | 7.1059 | 2.948  |
| 2009 | 6     | 20  | 10   | 6      | 26     | 0.3       | 1       | 0.46  | 89.2      | 7.0865 | 2.9187 |
| 2009 | 6     | 20  | 10   | 16     | 26     | 0.3       | 1       | 0.56  | 83.3      | 7.0865 | 3.4982 |
| 2009 | 6     | 20  | 10   | 26     | 26     | 0.3       | 1       | 0.52  | 83.1      | 7.1059 | 3.2386 |
| 2009 | 6     | 20  | 10   | 36     | 26     | 0.3       | 1       | 0.55  | 79.6      | 7.1059 | 3.4047 |
| 2009 | 6     | 20  | 10   | 46     | 26     | 0.3       | 1       | 0.42  | 90        | 7.1059 | 2.6365 |
| 2009 | 6     | 20  | 10   | 56     | 26     | 0.3       | 1       | 0.48  | 86.9      | 7.1059 | 3.0517 |
| 2009 | 6     | 20  | 11   | 6      | 26     | 0.3       | 1       | 0.5   | 79.1      | 7.1059 | 3.1347 |
| 2009 | 6     | 20  | 11   | 16     | 26     | 0.3       | 1       | 0.54  | 84        | 7.1059 | 3.3838 |
| 2009 | 6     | 20  | 11   | 26     | 26     | 0.3       | 1       | 0.48  | 84.1      | 7.1059 | 3.0309 |
| 2009 | 6     | 20  | 11   | 36     | 26     | 0.3       | 1       | 0.55  | 82.5      | 7.1059 | 3.4668 |
| 2009 | 6     | 20  | 11   | 46     | 26     | 0.3       | 1       | 0.55  | 79        | 7.1059 | 3.4253 |
| 2009 | 6     | 20  | 11   | 56     | 26     | 0.3       | 1       | 0.43  | 80.3      | 7.1059 | 2.678  |
| 2009 | 6     | 20  | 12   | 6      | 26     | 0.3       | 1       | 0.41  | 79        | 7.1059 | 2.5742 |
| 2009 | 6     | 20  | 12   | 16     | 26     | 0.3       | 1       | 0.47  | 91.2      | 7.1252 | 2.9564 |
| 2009 | 6     | 20  | 12   | 26     | 26     | 0.3       | 1       | 0.52  | 85.3      | 7.1252 | 3.2895 |
| 2009 | 6     | 20  | 12   | 36     | 26     | 0.3       | 1       | 0.47  | 90        | 7.1252 | 2.9564 |
| 2009 | 6     | 20  | 12   | 46     | 26     | 0.3       | 1       | 0.47  | 78.6      | 7.1252 | 2.8939 |
| 2009 | 6     | 20  | 12   | 56     | 26     | 0.3       | 1       | 0.58  | 81.5      | 7.1252 | 3.6434 |
| 2009 | 6     | 20  | 13   | 6      | 26     | 0.3       | 1       | 0.52  | 79.1      | 7.1252 | 3.2478 |
| 2009 | 6     | 20  | 13   | 16     | 26     | 0.3       | 1       | 0.49  | 85.7      | 7.1252 | 3.0813 |
| 2009 | 6     | 20  | 13   | 26     | 26     | 0.3       | 1       | 0.48  | 80.5      | 7.1252 | 2.9772 |
| 2009 | 6     | 20  | 13   | 36     | 26     | 0.3       | 1       | 0.54  | 88.3      | 7.1252 | 3.4144 |
| 2009 | 6     | 20  | 13   | 46     | 26     | 0.3       | 1       | 0.57  | 80        | 7.1252 | 3.5601 |
| 2009 | 6     | 20  | 13   | 56     | 26     | 0.3       | 1       | 0.48  | 83        | 7.1252 | 3.0396 |
| 2009 | 6     | 20  | 14   | 6      | 26     | 0.3       | 1       | 0.53  | 77.5      | 7.1252 | 3.2894 |
| 2009 | 6     | 20  | 14   | 16     | 26     | 0.3       | 1       | 0.43  | 78.7      | 7.1252 | 2.7065 |
| 2009 | 6     | 20  | 14   | 26     | 26     | 0.3       | 1       | 0.62  | 85.7      | 7.1252 | 3.914  |
| 2009 | 6     | 20  | 14   | 36     | 26     | 0.3       | 1       | 0.55  | 74.6      | 7.1446 | 3.4034 |
| 2009 | 6     | 20  | 14   | 46     | 26     | 0.3       | 1       | 0.47  | 77        | 7.1252 | 2.8938 |
| 2009 | 6     | 20  | 14   | 56     | 26     | 0.3       | 1       | 0.45  | 79.6      | 7.1252 | 2.8314 |
| 2009 | 6     | 20  | 15   | 6      | 26     | 0.3       | 1       | 0.47  | 89.2      | 7.1252 | 2.9979 |
| 2009 | 6     | 20  | 15   | 16     | 26     | 0.3       | 1       | 0.46  | 70        | 7.1252 | 2.7481 |
| 2009 | 6     | 20  | 15   | 26     | 26     | 0.3       | 1       | 0.53  | 68.9      | 7.1252 | 3.1228 |
| 2009 | 6     | 20  | 15   | 36     | 26     | 0.3       | 1       | 0.5   | 90.8      | 7.1446 | 3.1737 |
| 2009 | 6     | 20  | 15   | 46     | 26     | 0.3       | 1       | 0.44  | 83.6      | 7.1446 | 2.777  |
| 2009 | 6     | 20  | 15   | 56     | 26     | 0.3       | 1       | 0.53  | 84        | 7.1252 | 3.3519 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 20  | 16   | 6      | 26     | 0.3       | 1       | 0.54  | 80.1      | 7.1252 | 3.3519 |
| 2009 | 6     | 20  | 16   | 16     | 26     | 0.3       | 1       | 0.5   | 87        | 7.1252 | 3.1437 |
| 2009 | 6     | 20  | 16   | 26     | 26     | 0.3       | 1       | 0.53  | 86.8      | 7.1252 | 3.3727 |
| 2009 | 6     | 20  | 16   | 36     | 26     | 0.3       | 1       | 0.55  | 83.1      | 7.1252 | 3.456  |
| 2009 | 6     | 20  | 16   | 46     | 26     | 0.3       | 1       | 0.49  | 81.9      | 7.1252 | 3.0812 |
| 2009 | 6     | 20  | 16   | 56     | 26     | 0.3       | 1       | 0.53  | 85        | 7.1252 | 3.3311 |
| 2009 | 6     | 20  | 17   | 6      | 26     | 0.3       | 1       | 0.47  | 90.8      | 7.1252 | 2.9772 |
| 2009 | 6     | 20  | 17   | 16     | 26     | 0.3       | 1       | 0.52  | 86        | 7.1446 | 3.2782 |
| 2009 | 6     | 20  | 17   | 26     | 26     | 0.3       | 1       | 0.48  | 81        | 7.1446 | 3.0485 |
| 2009 | 6     | 20  | 17   | 36     | 26     | 0.3       | 1       | 0.51  | 75.4      | 7.1446 | 3.132  |
| 2009 | 6     | 20  | 17   | 46     | 26     | 0.3       | 1       | 0.53  | 81.9      | 7.1446 | 3.3617 |
| 2009 | 6     | 20  | 17   | 56     | 26     | 0.3       | 1       | 0.47  | 86.4      | 7.1446 | 2.965  |
| 2009 | 6     | 20  | 18   | 6      | 26     | 0.3       | 1       | 0.49  | 86.1      | 7.1446 | 3.0903 |
| 2009 | 6     | 20  | 18   | 16     | 26     | 0.3       | 1       | 0.55  | 92.1      | 7.1446 | 3.487  |
| 2009 | 6     | 20  | 18   | 26     | 26     | 0.3       | 1       | 0.54  | 80.3      | 7.1252 | 3.3936 |
| 2009 | 6     | 20  | 18   | 36     | 26     | 0.3       | 1       | 0.48  | 85.7      | 7.1446 | 3.0485 |
| 2009 | 6     | 20  | 18   | 46     | 26     | 0.3       | 1       | 0.57  | 76.3      | 7.1446 | 3.5079 |
| 2009 | 6     | 20  | 18   | 56     | 26     | 0.3       | 1       | 0.48  | 90        | 7.1446 | 3.0485 |
| 2009 | 6     | 20  | 19   | 6      | 26     | 0.3       | 1       | 0.49  | 94.2      | 7.1446 | 3.1112 |
| 2009 | 6     | 20  | 19   | 16     | 26     | 0.3       | 1       | 0.5   | 82.5      | 7.1446 | 3.1529 |
| 2009 | 6     | 20  | 19   | 26     | 26     | 0.3       | 1       | 0.49  | 83.4      | 7.1446 | 3.0694 |
| 2009 | 6     | 20  | 19   | 36     | 26     | 0.3       | 1       | 0.47  | 92.4      | 7.1446 | 3.0068 |
| 2009 | 6     | 20  | 19   | 46     | 26     | 0.3       | 1       | 0.49  | 87.3      | 7.1446 | 3.1321 |
| 2009 | 6     | 20  | 19   | 56     | 26     | 0.3       | 1       | 0.55  | 86.6      | 7.1446 | 3.487  |
| 2009 | 6     | 20  | 20   | 6      | 26     | 0.3       | 1       | 0.52  | 90.4      | 7.1446 | 3.32   |
| 2009 | 6     | 20  | 20   | 16     | 26     | 0.3       | 1       | 0.56  | 87        | 7.1446 | 3.5497 |
| 2009 | 6     | 20  | 20   | 26     | 26     | 0.3       | 1       | 0.54  | 87.5      | 7.1446 | 3.4035 |
| 2009 | 6     | 20  | 20   | 36     | 26     | 0.3       | 1       | 0.5   | 85.1      | 7.1446 | 3.1738 |
| 2009 | 6     | 20  | 20   | 46     | 26     | 0.3       | 1       | 0.52  | 88.5      | 7.1446 | 3.2782 |
| 2009 | 6     | 20  | 20   | 56     | 26     | 0.3       | 1       | 0.51  | 85.9      | 7.1446 | 3.2365 |
| 2009 | 6     | 20  | 21   | 6      | 26     | 0.3       | 1       | 0.45  | 96.7      | 7.1446 | 2.8398 |
| 2009 | 6     | 20  | 21   | 16     | 26     | 0.3       | 1       | 0.57  | 92.6      | 7.1446 | 3.6124 |
| 2009 | 6     | 20  | 21   | 26     | 26     | 0.3       | 1       | 0.48  | 86.9      | 7.1446 | 3.0695 |
| 2009 | 6     | 20  | 21   | 36     | 26     | 0.3       | 1       | 0.46  | 87.9      | 7.1446 | 2.9024 |
| 2009 | 6     | 20  | 21   | 46     | 26     | 0.3       | 1       | 0.51  | 90.4      | 7.1446 | 3.2574 |
| 2009 | 6     | 20  | 21   | 56     | 26     | 0.3       | 1       | 0.44  | 95.6      | 7.1639 | 2.7643 |
| 2009 | 6     | 20  | 22   | 6      | 26     | 0.3       | 1       | 0.5   | 89.6      | 7.1446 | 3.1739 |
| 2009 | 6     | 20  | 22   | 16     | 26     | 0.3       | 1       | 0.49  | 84.3      | 7.1639 | 3.1203 |
| 2009 | 6     | 20  | 22   | 26     | 26     | 0.3       | 1       | 0.47  | 88.8      | 7.1639 | 3.0156 |
| 2009 | 6     | 20  | 22   | 36     | 26     | 0.3       | 1       | 0.49  | 88.1      | 7.1639 | 3.1203 |
| 2009 | 6     | 20  | 22   | 46     | 26     | 0.3       | 1       | 0.53  | 100       | 7.1639 | 3.3297 |
| 2009 | 6     | 20  | 22   | 56     | 26     | 0.3       | 1       | 0.45  | 91.2      | 7.1639 | 2.89   |
| 2009 | 6     | 20  | 23   | 6      | 26     | 0.3       | 1       | 0.47  | 91.2      | 7.1639 | 2.9737 |
| 2009 | 6     | 20  | 23   | 16     | 26     | 0.3       | 1       | 0.54  | 85.8      | 7.1833 | 3.4234 |
| 2009 | 6     | 20  | 23   | 26     | 26     | 0.3       | 1       | 0.49  | 88.1      | 7.1639 | 3.1413 |
| 2009 | 6     | 20  | 23   | 36     | 26     | 0.3       | 1       | 0.51  | 91.8      | 7.1833 | 3.2554 |
| 2009 | 6     | 20  | 23   | 46     | 26     | 0.3       | 1       | 0.52  | 92.5      | 7.1833 | 3.3394 |
| 2009 | 6     | 20  | 23   | 56     | 26     | 0.3       | 1       | 0.53  | 91.8      | 7.1833 | 3.4024 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 21  | 0    | 6      | 26     | 0.3       | 1       | 0.56  | 90.3      | 7.1833 | 3.5705 |
| 2009 | 6     | 21  | 0    | 16     | 26     | 0.3       | 1       | 0.5   | 90.8      | 7.2026 | 3.1806 |
| 2009 | 6     | 21  | 0    | 26     | 26     | 0.3       | 1       | 0.46  | 96.5      | 7.1833 | 2.9404 |
| 2009 | 6     | 21  | 0    | 36     | 26     | 0.3       | 1       | 0.48  | 98.2      | 7.2026 | 3.0753 |
| 2009 | 6     | 21  | 0    | 46     | 26     | 0.3       | 1       | 0.51  | 85.5      | 7.2026 | 3.2438 |
| 2009 | 6     | 21  | 0    | 56     | 26     | 0.3       | 1       | 0.48  | 90        | 7.222  | 3.063  |
| 2009 | 6     | 21  | 1    | 6      | 26     | 0.3       | 1       | 0.52  | 90.7      | 7.2026 | 3.307  |
| 2009 | 6     | 21  | 1    | 16     | 26     | 0.3       | 1       | 0.47  | 89.2      | 7.2026 | 3.0332 |
| 2009 | 6     | 21  | 1    | 26     | 26     | 0.3       | 1       | 0.47  | 96.8      | 7.222  | 2.9997 |
| 2009 | 6     | 21  | 1    | 36     | 26     | 0.3       | 1       | 0.48  | 92.7      | 7.222  | 3.1053 |
| 2009 | 6     | 21  | 1    | 46     | 26     | 0.3       | 1       | 0.54  | 95.3      | 7.222  | 3.4433 |
| 2009 | 6     | 21  | 1    | 56     | 26     | 0.3       | 1       | 0.44  | 98.6      | 7.222  | 2.8096 |
| 2009 | 6     | 21  | 2    | 6      | 26     | 0.3       | 1       | 0.56  | 89.7      | 7.222  | 3.5912 |
| 2009 | 6     | 21  | 2    | 16     | 26     | 0.3       | 1       | 0.5   | 90        | 7.222  | 3.2109 |
| 2009 | 6     | 21  | 2    | 26     | 26     | 0.3       | 1       | 0.53  | 92.5      | 7.222  | 3.3799 |
| 2009 | 6     | 21  | 2    | 36     | 26     | 0.3       | 1       | 0.5   | 95.6      | 7.222  | 3.211  |
| 2009 | 6     | 21  | 2    | 46     | 26     | 0.3       | 1       | 0.46  | 92.9      | 7.222  | 2.9575 |
| 2009 | 6     | 21  | 2    | 56     | 26     | 0.3       | 1       | 0.45  | 90        | 7.222  | 2.9152 |
| 2009 | 6     | 21  | 3    | 6      | 26     | 0.3       | 1       | 0.5   | 99.8      | 7.222  | 3.1898 |
| 2009 | 6     | 21  | 3    | 16     | 26     | 0.3       | 1       | 0.53  | 93.5      | 7.222  | 3.4222 |
| 2009 | 6     | 21  | 3    | 26     | 26     | 0.3       | 1       | 0.5   | 91.9      | 7.222  | 3.2321 |
| 2009 | 6     | 21  | 3    | 36     | 26     | 0.3       | 1       | 0.54  | 99        | 7.222  | 3.4645 |
| 2009 | 6     | 21  | 3    | 46     | 26     | 0.3       | 1       | 0.56  | 90.7      | 7.222  | 3.6335 |
| 2009 | 6     | 21  | 3    | 56     | 26     | 0.3       | 1       | 0.52  | 96.9      | 7.222  | 3.3377 |
| 2009 | 6     | 21  | 4    | 6      | 26     | 0.3       | 1       | 0.49  | 93.9      | 7.222  | 3.1265 |
| 2009 | 6     | 21  | 4    | 16     | 26     | 0.3       | 1       | 0.47  | 95.2      | 7.222  | 3.042  |
| 2009 | 6     | 21  | 4    | 26     | 26     | 0.3       | 1       | 0.49  | 95        | 7.222  | 3.1476 |
| 2009 | 6     | 21  | 4    | 36     | 26     | 0.3       | 1       | 0.48  | 96.3      | 7.222  | 3.042  |
| 2009 | 6     | 21  | 4    | 46     | 26     | 0.3       | 1       | 0.53  | 87.5      | 7.222  | 3.38   |
| 2009 | 6     | 21  | 4    | 56     | 26     | 0.3       | 1       | 0.48  | 94.7      | 7.222  | 3.0631 |
| 2009 | 6     | 21  | 5    | 6      | 26     | 0.3       | 1       | 0.47  | 94.8      | 7.222  | 3.0209 |
| 2009 | 6     | 21  | 5    | 16     | 26     | 0.3       | 1       | 0.46  | 94.1      | 7.222  | 2.9786 |
| 2009 | 6     | 21  | 5    | 26     | 26     | 0.3       | 1       | 0.45  | 90.4      | 7.222  | 2.873  |
| 2009 | 6     | 21  | 5    | 36     | 26     | 0.3       | 1       | 0.45  | 94.2      | 7.222  | 2.8942 |
| 2009 | 6     | 21  | 5    | 46     | 26     | 0.3       | 1       | 0.45  | 82.9      | 7.222  | 2.873  |
| 2009 | 6     | 21  | 5    | 56     | 26     | 0.3       | 1       | 0.48  | 93.1      | 7.222  | 3.1054 |
| 2009 | 6     | 21  | 6    | 6      | 26     | 0.3       | 1       | 0.53  | 92.8      | 7.222  | 3.4223 |
| 2009 | 6     | 21  | 6    | 16     | 26     | 0.3       | 1       | 0.49  | 99.7      | 7.222  | 3.0843 |
| 2009 | 6     | 21  | 6    | 26     | 26     | 0.3       | 1       | 0.53  | 91.8      | 7.222  | 3.3801 |
| 2009 | 6     | 21  | 6    | 36     | 26     | 0.3       | 1       | 0.49  | 95        | 7.222  | 3.1477 |
| 2009 | 6     | 21  | 6    | 46     | 26     | 0.3       | 1       | 0.53  | 97.4      | 7.222  | 3.4012 |
| 2009 | 6     | 21  | 6    | 56     | 26     | 0.3       | 1       | 0.54  | 89        | 7.222  | 3.4646 |
| 2009 | 6     | 21  | 7    | 6      | 26     | 0.3       | 1       | 0.52  | 91.8      | 7.222  | 3.3589 |
| 2009 | 6     | 21  | 7    | 16     | 26     | 0.3       | 1       | 0.49  | 95        | 7.222  | 3.1477 |
| 2009 | 6     | 21  | 7    | 26     | 26     | 0.3       | 1       | 0.51  | 89.3      | 7.222  | 3.2744 |
| 2009 | 6     | 21  | 7    | 36     | 26     | 0.3       | 1       | 0.49  | 93.8      | 7.222  | 3.1477 |
| 2009 | 6     | 21  | 7    | 46     | 26     | 0.3       | 1       | 0.45  | 92.9      | 7.222  | 2.9153 |
| 2009 | 6     | 21  | 7    | 56     | 26     | 0.3       | 1       | 0.5   | 93        | 7.222  | 3.211  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 21  | 8    | 6      | 26     | 0.3       | 1       | 0.52  | 92.9      | 7.222  | 3.3167 |
| 2009 | 6     | 21  | 8    | 16     | 26     | 0.3       | 1       | 0.47  | 81.9      | 7.222  | 2.9787 |
| 2009 | 6     | 21  | 8    | 26     | 26     | 0.3       | 1       | 0.52  | 90.4      | 7.222  | 3.3589 |
| 2009 | 6     | 21  | 8    | 36     | 26     | 0.3       | 1       | 0.5   | 89.2      | 7.222  | 3.211  |
| 2009 | 6     | 21  | 8    | 46     | 26     | 0.3       | 1       | 0.51  | 95.5      | 7.222  | 3.2744 |
| 2009 | 6     | 21  | 8    | 56     | 26     | 0.3       | 1       | 0.53  | 88.9      | 7.222  | 3.4434 |
| 2009 | 6     | 21  | 9    | 6      | 26     | 0.3       | 1       | 0.44  | 96.4      | 7.222  | 2.8307 |
| 2009 | 6     | 21  | 9    | 16     | 26     | 0.3       | 1       | 0.48  | 92.8      | 7.222  | 3.0631 |
| 2009 | 6     | 21  | 9    | 26     | 26     | 0.3       | 1       | 0.51  | 87.8      | 7.222  | 3.2532 |
| 2009 | 6     | 21  | 9    | 36     | 26     | 0.3       | 1       | 0.52  | 88.9      | 7.222  | 3.3377 |
| 2009 | 6     | 21  | 9    | 46     | 26     | 0.3       | 1       | 0.53  | 92.1      | 7.222  | 3.401  |
| 2009 | 6     | 21  | 9    | 56     | 26     | 0.3       | 1       | 0.54  | 89.7      | 7.222  | 3.4855 |
| 2009 | 6     | 21  | 10   | 6      | 26     | 0.3       | 1       | 0.52  | 94.3      | 7.222  | 3.3588 |
| 2009 | 6     | 21  | 10   | 16     | 26     | 0.3       | 1       | 0.52  | 83.9      | 7.222  | 3.3588 |
| 2009 | 6     | 21  | 10   | 26     | 26     | 0.3       | 1       | 0.5   | 85.5      | 7.222  | 3.2109 |
| 2009 | 6     | 21  | 10   | 36     | 26     | 0.3       | 1       | 0.4   | 90.5      | 7.222  | 2.5983 |
| 2009 | 6     | 21  | 10   | 46     | 26     | 0.3       | 1       | 0.47  | 82.3      | 7.222  | 2.9785 |
| 2009 | 6     | 21  | 10   | 56     | 26     | 0.3       | 1       | 0.54  | 96.3      | 7.2026 | 3.4333 |
| 2009 | 6     | 21  | 11   | 6      | 26     | 0.3       | 1       | 0.48  | 82.5      | 7.2026 | 3.0331 |
| 2009 | 6     | 21  | 11   | 16     | 26     | 0.3       | 1       | 0.56  | 81.2      | 7.1833 | 3.5284 |
| 2009 | 6     | 21  | 11   | 26     | 26     | 0.3       | 1       | 0.47  | 82.8      | 7.1833 | 3.0033 |
| 2009 | 6     | 21  | 11   | 36     | 26     | 0.3       | 1       | 0.46  | 81.3      | 7.1833 | 2.8983 |
| 2009 | 6     | 21  | 11   | 46     | 26     | 0.3       | 1       | 0.47  | 84.8      | 7.1833 | 2.9823 |
| 2009 | 6     | 21  | 11   | 56     | 26     | 0.3       | 1       | 0.51  | 86.7      | 7.1833 | 3.2553 |
| 2009 | 6     | 21  | 12   | 6      | 26     | 0.3       | 1       | 0.54  | 77.3      | 7.1639 | 3.3506 |
| 2009 | 6     | 21  | 12   | 16     | 26     | 0.3       | 1       | 0.54  | 75.5      | 7.1639 | 3.3087 |
| 2009 | 6     | 21  | 12   | 26     | 26     | 0.3       | 1       | 0.49  | 76.8      | 7.1639 | 3.0365 |
| 2009 | 6     | 21  | 12   | 36     | 26     | 0.3       | 1       | 0.47  | 80        | 7.1639 | 2.9737 |
| 2009 | 6     | 21  | 12   | 46     | 26     | 0.3       | 1       | 0.47  | 79.5      | 7.1639 | 2.9318 |
| 2009 | 6     | 21  | 12   | 56     | 26     | 0.3       | 1       | 0.48  | 80.5      | 7.1446 | 2.9859 |
| 2009 | 6     | 21  | 13   | 6      | 26     | 0.3       | 1       | 0.51  | 80.7      | 7.1446 | 3.1738 |
| 2009 | 6     | 21  | 13   | 16     | 26     | 0.3       | 1       | 0.42  | 84.6      | 7.1446 | 2.6309 |
| 2009 | 6     | 21  | 13   | 26     | 26     | 0.3       | 1       | 0.5   | 82.1      | 7.1446 | 3.1529 |
| 2009 | 6     | 21  | 13   | 36     | 26     | 0.3       | 1       | 0.5   | 80.9      | 7.1446 | 3.132  |
| 2009 | 6     | 21  | 13   | 46     | 26     | 0.3       | 1       | 0.55  | 84.2      | 7.1446 | 3.487  |
| 2009 | 6     | 21  | 13   | 56     | 26     | 0.3       | 1       | 0.45  | 77.1      | 7.1446 | 2.8188 |
| 2009 | 6     | 21  | 14   | 6      | 26     | 0.3       | 1       | 0.45  | 78.7      | 7.1446 | 2.8188 |
| 2009 | 6     | 21  | 14   | 16     | 26     | 0.3       | 1       | 0.52  | 83.9      | 7.1446 | 3.2991 |
| 2009 | 6     | 21  | 14   | 26     | 26     | 0.3       | 1       | 0.42  | 87.8      | 7.1446 | 2.6727 |
| 2009 | 6     | 21  | 14   | 36     | 26     | 0.3       | 1       | 0.39  | 70.8      | 7.1446 | 2.3386 |
| 2009 | 6     | 21  | 14   | 46     | 26     | 0.3       | 1       | 0.45  | 83.3      | 7.1446 | 2.8606 |
| 2009 | 6     | 21  | 14   | 56     | 26     | 0.3       | 1       | 0.47  | 81.3      | 7.1446 | 2.9858 |
| 2009 | 6     | 21  | 15   | 6      | 26     | 0.3       | 1       | 0.52  | 88.2      | 7.1446 | 3.2782 |
| 2009 | 6     | 21  | 15   | 16     | 26     | 0.3       | 1       | 0.48  | 77.7      | 7.1446 | 2.965  |
| 2009 | 6     | 21  | 15   | 26     | 26     | 0.3       | 1       | 0.43  | 77.2      | 7.1446 | 2.6726 |
| 2009 | 6     | 21  | 15   | 36     | 26     | 0.3       | 1       | 0.49  | 79.1      | 7.1446 | 3.0485 |
| 2009 | 6     | 21  | 15   | 46     | 26     | 0.3       | 1       | 0.5   | 71.2      | 7.1446 | 3.0067 |
| 2009 | 6     | 21  | 15   | 56     | 26     | 0.3       | 1       | 0.45  | 71        | 7.1446 | 2.7353 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 21  | 16   | 6      | 26     | 0.3       | 1       | 0.51  | 81.9      | 7.1252 | 3.2062 |
| 2009 | 6     | 21  | 16   | 16     | 26     | 0.3       | 1       | 0.49  | 79.5      | 7.1252 | 3.0396 |
| 2009 | 6     | 21  | 16   | 26     | 26     | 0.3       | 1       | 0.4   | 75.9      | 7.1252 | 2.4775 |
| 2009 | 6     | 21  | 16   | 36     | 26     | 0.3       | 1       | 0.45  | 78.2      | 7.1252 | 2.7898 |
| 2009 | 6     | 21  | 16   | 46     | 26     | 0.3       | 1       | 0.48  | 80.9      | 7.1252 | 2.998  |
| 2009 | 6     | 21  | 16   | 56     | 26     | 0.3       | 1       | 0.44  | 77.2      | 7.1252 | 2.7482 |
| 2009 | 6     | 21  | 17   | 6      | 26     | 0.3       | 1       | 0.45  | 87.5      | 7.1252 | 2.8523 |
| 2009 | 6     | 21  | 17   | 16     | 26     | 0.3       | 1       | 0.4   | 74.9      | 7.1252 | 2.4775 |
| 2009 | 6     | 21  | 17   | 26     | 26     | 0.3       | 1       | 0.46  | 81.3      | 7.1252 | 2.8731 |
| 2009 | 6     | 21  | 17   | 36     | 26     | 0.3       | 1       | 0.48  | 73.4      | 7.1252 | 2.9355 |
| 2009 | 6     | 21  | 17   | 46     | 26     | 0.3       | 1       | 0.47  | 84.4      | 7.1252 | 2.9564 |
| 2009 | 6     | 21  | 17   | 56     | 26     | 0.3       | 1       | 0.4   | 79.5      | 7.1252 | 2.4775 |
| 2009 | 6     | 21  | 18   | 6      | 26     | 0.3       | 1       | 0.42  | 76.5      | 7.1252 | 2.6024 |
| 2009 | 6     | 21  | 18   | 16     | 26     | 0.3       | 1       | 0.45  | 80        | 7.1252 | 2.8315 |
| 2009 | 6     | 21  | 18   | 26     | 26     | 0.3       | 1       | 0.49  | 67.4      | 7.1252 | 2.8523 |
| 2009 | 6     | 21  | 18   | 36     | 26     | 0.3       | 1       | 0.45  | 81.7      | 7.1252 | 2.8523 |
| 2009 | 6     | 21  | 18   | 46     | 26     | 0.3       | 1       | 0.44  | 82.7      | 7.1252 | 2.769  |
| 2009 | 6     | 21  | 18   | 56     | 26     | 0.3       | 1       | 0.51  | 76.7      | 7.1059 | 3.1554 |
| 2009 | 6     | 21  | 19   | 6      | 26     | 0.3       | 1       | 0.43  | 83.9      | 7.1252 | 2.7274 |
| 2009 | 6     | 21  | 19   | 16     | 26     | 0.3       | 1       | 0.47  | 83.1      | 7.1252 | 2.9356 |
| 2009 | 6     | 21  | 19   | 26     | 26     | 0.3       | 1       | 0.51  | 85.2      | 7.1252 | 3.2479 |
| 2009 | 6     | 21  | 19   | 36     | 26     | 0.3       | 1       | 0.49  | 86.2      | 7.1059 | 3.0931 |
| 2009 | 6     | 21  | 19   | 46     | 26     | 0.3       | 1       | 0.57  | 86.7      | 7.1252 | 3.6019 |
| 2009 | 6     | 21  | 19   | 56     | 26     | 0.3       | 1       | 0.45  | 85.8      | 7.1059 | 2.844  |
| 2009 | 6     | 21  | 20   | 6      | 26     | 0.3       | 1       | 0.51  | 87        | 7.1059 | 3.197  |
| 2009 | 6     | 21  | 20   | 16     | 26     | 0.3       | 1       | 0.4   | 79.5      | 7.1059 | 2.4704 |
| 2009 | 6     | 21  | 20   | 26     | 26     | 0.3       | 1       | 0.51  | 89.6      | 7.1059 | 3.197  |
| 2009 | 6     | 21  | 20   | 36     | 26     | 0.3       | 1       | 0.49  | 90.4      | 7.1059 | 3.0932 |
| 2009 | 6     | 21  | 20   | 46     | 26     | 0.3       | 1       | 0.44  | 90.4      | 7.1059 | 2.7818 |
| 2009 | 6     | 21  | 20   | 56     | 26     | 0.3       | 1       | 0.41  | 88.2      | 7.1059 | 2.595  |
| 2009 | 6     | 21  | 21   | 6      | 26     | 0.3       | 1       | 0.51  | 91.5      | 7.1059 | 3.2178 |
| 2009 | 6     | 21  | 21   | 16     | 26     | 0.3       | 1       | 0.46  | 87.1      | 7.1252 | 2.894  |
| 2009 | 6     | 21  | 21   | 26     | 26     | 0.3       | 1       | 0.39  | 79.4      | 7.1059 | 2.4289 |
| 2009 | 6     | 21  | 21   | 36     | 26     | 0.3       | 1       | 0.51  | 90        | 7.1252 | 3.2063 |
| 2009 | 6     | 21  | 21   | 46     | 26     | 0.3       | 1       | 0.47  | 83.1      | 7.1252 | 2.9357 |
| 2009 | 6     | 21  | 21   | 56     | 26     | 0.3       | 1       | 0.44  | 92.6      | 7.1252 | 2.7899 |
| 2009 | 6     | 21  | 22   | 6      | 26     | 0.3       | 1       | 0.49  | 84.6      | 7.1252 | 3.0814 |
| 2009 | 6     | 21  | 22   | 16     | 26     | 0.3       | 1       | 0.43  | 89.6      | 7.1252 | 2.7067 |
| 2009 | 6     | 21  | 22   | 26     | 26     | 0.3       | 1       | 0.58  | 90.3      | 7.1252 | 3.6852 |
| 2009 | 6     | 21  | 22   | 36     | 26     | 0.3       | 1       | 0.44  | 85.7      | 7.1252 | 2.7691 |
| 2009 | 6     | 21  | 22   | 46     | 26     | 0.3       | 1       | 0.42  | 88.2      | 7.1252 | 2.6442 |
| 2009 | 6     | 21  | 22   | 56     | 26     | 0.3       | 1       | 0.53  | 95        | 7.1252 | 3.3521 |
| 2009 | 6     | 21  | 23   | 6      | 26     | 0.3       | 1       | 0.58  | 86.7      | 7.1252 | 3.6436 |
| 2009 | 6     | 21  | 23   | 16     | 26     | 0.3       | 1       | 0.49  | 95        | 7.1252 | 3.0815 |
| 2009 | 6     | 21  | 23   | 26     | 26     | 0.3       | 1       | 0.56  | 84.6      | 7.1252 | 3.5396 |
| 2009 | 6     | 21  | 23   | 36     | 26     | 0.3       | 1       | 0.52  | 90        | 7.1252 | 3.2689 |
| 2009 | 6     | 21  | 23   | 46     | 26     | 0.3       | 1       | 0.46  | 92.9      | 7.1252 | 2.8941 |
| 2009 | 6     | 21  | 23   | 56     | 26     | 0.3       | 1       | 0.52  | 92.2      | 7.1446 | 3.2993 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 22  | 0    | 6      | 26     | 0.3       | 1       | 0.54  | 88.2      | 7.1446 | 3.4037 |
| 2009 | 6     | 22  | 0    | 16     | 26     | 0.3       | 1       | 0.44  | 88.3      | 7.1446 | 2.819  |
| 2009 | 6     | 22  | 0    | 26     | 26     | 0.3       | 1       | 0.5   | 98        | 7.1446 | 3.1323 |
| 2009 | 6     | 22  | 0    | 36     | 26     | 0.3       | 1       | 0.57  | 90.3      | 7.1639 | 3.623  |
| 2009 | 6     | 22  | 0    | 46     | 26     | 0.3       | 1       | 0.45  | 81.6      | 7.1639 | 2.8272 |
| 2009 | 6     | 22  | 0    | 56     | 26     | 0.3       | 1       | 0.49  | 90.4      | 7.1639 | 3.1414 |
| 2009 | 6     | 22  | 1    | 6      | 26     | 0.3       | 1       | 0.53  | 88.9      | 7.1639 | 3.3508 |
| 2009 | 6     | 22  | 1    | 16     | 26     | 0.3       | 1       | 0.53  | 92.9      | 7.1639 | 3.3508 |
| 2009 | 6     | 22  | 1    | 26     | 26     | 0.3       | 1       | 0.48  | 96.3      | 7.1639 | 3.0576 |
| 2009 | 6     | 22  | 1    | 36     | 26     | 0.3       | 1       | 0.48  | 91.2      | 7.1639 | 3.0576 |
| 2009 | 6     | 22  | 1    | 46     | 26     | 0.3       | 1       | 0.44  | 95.1      | 7.1639 | 2.8273 |
| 2009 | 6     | 22  | 1    | 56     | 26     | 0.3       | 1       | 0.48  | 93.5      | 7.1639 | 3.0786 |
| 2009 | 6     | 22  | 2    | 6      | 26     | 0.3       | 1       | 0.53  | 81.1      | 7.1446 | 3.3203 |
| 2009 | 6     | 22  | 2    | 16     | 26     | 0.3       | 1       | 0.54  | 90        | 7.1446 | 3.4665 |
| 2009 | 6     | 22  | 2    | 26     | 26     | 0.3       | 1       | 0.45  | 89.6      | 7.1446 | 2.84   |
| 2009 | 6     | 22  | 2    | 36     | 26     | 0.3       | 1       | 0.49  | 89.2      | 7.1639 | 3.1414 |
| 2009 | 6     | 22  | 2    | 46     | 26     | 0.3       | 1       | 0.5   | 88.5      | 7.1639 | 3.1833 |
| 2009 | 6     | 22  | 2    | 56     | 26     | 0.3       | 1       | 0.49  | 79.6      | 7.1639 | 3.0786 |
| 2009 | 6     | 22  | 3    | 6      | 26     | 0.3       | 1       | 0.49  | 90.4      | 7.1446 | 3.1115 |
| 2009 | 6     | 22  | 3    | 16     | 26     | 0.3       | 1       | 0.51  | 83.7      | 7.1639 | 3.2462 |
| 2009 | 6     | 22  | 3    | 26     | 26     | 0.3       | 1       | 0.51  | 94.1      | 7.1446 | 3.2159 |
| 2009 | 6     | 22  | 3    | 36     | 26     | 0.3       | 1       | 0.51  | 88.9      | 7.1446 | 3.2577 |
| 2009 | 6     | 22  | 3    | 46     | 26     | 0.3       | 1       | 0.49  | 89.6      | 7.1639 | 3.1205 |
| 2009 | 6     | 22  | 3    | 56     | 26     | 0.3       | 1       | 0.51  | 83.3      | 7.1446 | 3.2159 |
| 2009 | 6     | 22  | 4    | 6      | 26     | 0.3       | 1       | 0.46  | 84.3      | 7.1639 | 2.9321 |
| 2009 | 6     | 22  | 4    | 16     | 26     | 0.3       | 1       | 0.49  | 100.8     | 7.1446 | 3.0698 |
| 2009 | 6     | 22  | 4    | 26     | 26     | 0.3       | 1       | 0.45  | 85.9      | 7.1446 | 2.8818 |
| 2009 | 6     | 22  | 4    | 36     | 26     | 0.3       | 1       | 0.51  | 88.9      | 7.1446 | 3.216  |
| 2009 | 6     | 22  | 4    | 46     | 26     | 0.3       | 1       | 0.52  | 79.9      | 7.1446 | 3.2786 |
| 2009 | 6     | 22  | 4    | 56     | 26     | 0.3       | 1       | 0.48  | 92.8      | 7.1446 | 3.028  |
| 2009 | 6     | 22  | 5    | 6      | 26     | 0.3       | 1       | 0.49  | 90        | 7.1446 | 3.1325 |
| 2009 | 6     | 22  | 5    | 16     | 26     | 0.3       | 1       | 0.46  | 85.9      | 7.1446 | 2.9236 |
| 2009 | 6     | 22  | 5    | 26     | 26     | 0.3       | 1       | 0.48  | 98.6      | 7.1446 | 3.028  |
| 2009 | 6     | 22  | 5    | 36     | 26     | 0.3       | 1       | 0.5   | 88.5      | 7.1446 | 3.1534 |
| 2009 | 6     | 22  | 5    | 46     | 26     | 0.3       | 1       | 0.46  | 84.3      | 7.1446 | 2.9236 |
| 2009 | 6     | 22  | 5    | 56     | 26     | 0.3       | 1       | 0.45  | 89.2      | 7.1446 | 2.8819 |
| 2009 | 6     | 22  | 6    | 6      | 26     | 0.3       | 1       | 0.58  | 93.6      | 7.1446 | 3.6754 |
| 2009 | 6     | 22  | 6    | 16     | 26     | 0.3       | 1       | 0.56  | 85.3      | 7.1446 | 3.5293 |
| 2009 | 6     | 22  | 6    | 26     | 26     | 0.3       | 1       | 0.49  | 92.7      | 7.1446 | 3.0907 |
| 2009 | 6     | 22  | 6    | 36     | 26     | 0.3       | 1       | 0.52  | 86.7      | 7.1446 | 3.2996 |
| 2009 | 6     | 22  | 6    | 46     | 26     | 0.3       | 1       | 0.44  | 92.1      | 7.1446 | 2.7984 |
| 2009 | 6     | 22  | 6    | 56     | 26     | 0.3       | 1       | 0.43  | 86.5      | 7.1252 | 2.707  |
| 2009 | 6     | 22  | 7    | 6      | 26     | 0.3       | 1       | 0.4   | 91.9      | 7.1252 | 2.5612 |
| 2009 | 6     | 22  | 7    | 16     | 26     | 0.3       | 1       | 0.52  | 92.9      | 7.1252 | 3.2692 |
| 2009 | 6     | 22  | 7    | 26     | 26     | 0.3       | 1       | 0.49  | 88.5      | 7.1252 | 3.1234 |
| 2009 | 6     | 22  | 7    | 36     | 26     | 0.3       | 1       | 0.41  | 97.9      | 7.1446 | 2.5686 |
| 2009 | 6     | 22  | 7    | 46     | 26     | 0.3       | 1       | 0.58  | 86.1      | 7.1059 | 3.6541 |
| 2009 | 6     | 22  | 7    | 56     | 26     | 0.3       | 1       | 0.41  | 82.3      | 7.0671 | 2.5801 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 22  | 8    | 6      | 26     | 0.3       | 1       | 0.58  | 86.4      | 7.1252 | 3.644  |
| 2009 | 6     | 22  | 8    | 16     | 26     | 0.3       | 1       | 0.47  | 90        | 7.1446 | 2.9863 |
| 2009 | 6     | 22  | 8    | 26     | 26     | 0.3       | 1       | 0.44  | 84.4      | 7.1639 | 2.7646 |
| 2009 | 6     | 22  | 8    | 36     | 26     | 0.3       | 1       | 0.5   | 91.9      | 7.1252 | 3.1651 |
| 2009 | 6     | 22  | 8    | 46     | 26     | 0.3       | 1       | 0.54  | 78        | 7.1639 | 3.351  |
| 2009 | 6     | 22  | 8    | 56     | 26     | 0.3       | 1       | 0.48  | 89.6      | 7.1059 | 3.052  |
| 2009 | 6     | 22  | 9    | 6      | 26     | 0.3       | 1       | 0.51  | 91.1      | 7.1446 | 3.2369 |
| 2009 | 6     | 22  | 9    | 16     | 26     | 0.3       | 1       | 0.47  | 79.9      | 7.1639 | 2.9321 |
| 2009 | 6     | 22  | 9    | 26     | 26     | 0.3       | 1       | 0.54  | 87.6      | 7.1639 | 3.4557 |
| 2009 | 6     | 22  | 9    | 36     | 26     | 0.3       | 1       | 0.47  | 74.7      | 7.0865 | 2.8775 |
| 2009 | 6     | 22  | 9    | 46     | 26     | 0.3       | 1       | 0.5   | 85.1      | 7.222  | 3.211  |
| 2009 | 6     | 22  | 9    | 56     | 26     | 0.3       | 1       | 0.49  | 96.2      | 7.2414 | 3.1143 |
| 2009 | 6     | 22  | 10   | 6      | 26     | 0.3       | 1       | 0.56  | 87.3      | 7.2414 | 3.5804 |
| 2009 | 6     | 22  | 10   | 16     | 26     | 0.3       | 1       | 0.48  | 88.4      | 7.2607 | 3.0807 |
| 2009 | 6     | 22  | 10   | 26     | 26     | 0.3       | 1       | 0.5   | 84.7      | 7.1639 | 3.1833 |
| 2009 | 6     | 22  | 10   | 36     | 26     | 0.3       | 1       | 0.72  | 90.8      | 7.6285 | 4.9278 |
| 2009 | 6     | 22  | 10   | 46     | 26     | 0.3       | 1       | 0.65  | 86.8      | 7.6478 | 4.447  |
| 2009 | 6     | 22  | 10   | 56     | 26     | 0.3       | 1       | 0.7   | 91.3      | 7.5317 | 4.7062 |
| 2009 | 6     | 22  | 11   | 6      | 26     | 0.3       | 1       | 0.58  | 89.7      | 7.5511 | 3.9437 |
| 2009 | 6     | 22  | 11   | 16     | 26     | 0.3       | 1       | 0.69  | 87.3      | 7.5511 | 4.6748 |
| 2009 | 6     | 22  | 11   | 26     | 26     | 0.3       | 1       | 0.56  | 83        | 7.5124 | 3.7458 |
| 2009 | 6     | 22  | 11   | 36     | 26     | 0.3       | 1       | 0.53  | 80.1      | 7.4543 | 3.4963 |
| 2009 | 6     | 22  | 11   | 46     | 26     | 0.3       | 1       | 0.61  | 86        | 7.3769 | 4.0409 |
| 2009 | 6     | 22  | 11   | 56     | 26     | 0.3       | 1       | 0.57  | 80.8      | 7.3381 | 3.6958 |
| 2009 | 6     | 22  | 12   | 6      | 26     | 0.3       | 1       | 0.61  | 79.5      | 7.3188 | 3.9211 |
| 2009 | 6     | 22  | 12   | 16     | 26     | 0.3       | 1       | 0.51  | 76.1      | 7.2994 | 3.2049 |
| 2009 | 6     | 22  | 12   | 26     | 26     | 0.3       | 1       | 0.58  | 82.5      | 7.2607 | 3.6966 |
| 2009 | 6     | 22  | 12   | 36     | 26     | 0.3       | 1       | 0.47  | 110.6     | 7.1059 | 2.7611 |
| 2009 | 6     | 22  | 12   | 46     | 26     | 0.3       | 1       | 0.45  | 76        | 7.1446 | 2.7563 |
| 2009 | 6     | 22  | 12   | 56     | 26     | 0.3       | 1       | 0.35  | 84.6      | 7.2026 | 2.2326 |
| 2009 | 6     | 22  | 13   | 6      | 26     | 0.3       | 1       | 0.32  | 85.8      | 7.2026 | 2.022  |
| 2009 | 6     | 22  | 13   | 16     | 26     | 0.3       | 1       | 0.36  | 90        | 7.2026 | 2.2958 |
| 2009 | 6     | 22  | 13   | 26     | 26     | 0.3       | 1       | 0.27  | 80.9      | 7.1639 | 1.6962 |
| 2009 | 6     | 22  | 13   | 36     | 26     | 0.3       | 1       | 0.37  | 95.6      | 7.1639 | 2.3454 |
| 2009 | 6     | 22  | 13   | 46     | 26     | 0.3       | 1       | 0.35  | 89.5      | 7.1639 | 2.2407 |
| 2009 | 6     | 22  | 13   | 56     | 26     | 0.3       | 1       | 0.32  | 98.3      | 7.1639 | 2.0103 |
| 2009 | 6     | 22  | 14   | 6      | 26     | 0.3       | 1       | 0.32  | 88.8      | 7.1639 | 2.0731 |
| 2009 | 6     | 22  | 14   | 16     | 26     | 0.3       | 1       | 0.28  | 73.7      | 7.1446 | 1.7122 |
| 2009 | 6     | 22  | 14   | 26     | 26     | 0.3       | 1       | 0.31  | 90        | 7.1446 | 1.9418 |
| 2009 | 6     | 22  | 14   | 36     | 26     | 0.3       | 1       | 0.3   | 91.2      | 7.1446 | 1.921  |
| 2009 | 6     | 22  | 14   | 46     | 26     | 0.3       | 1       | 0.33  | 91.7      | 7.1446 | 2.1298 |
| 2009 | 6     | 22  | 14   | 56     | 26     | 0.3       | 1       | 0.27  | 96.3      | 7.1446 | 1.7122 |
| 2009 | 6     | 22  | 15   | 6      | 26     | 0.3       | 1       | 0.35  | 94.9      | 7.1446 | 2.2133 |
| 2009 | 6     | 22  | 15   | 16     | 26     | 0.3       | 1       | 0.24  | 86.1      | 7.1446 | 1.5451 |
| 2009 | 6     | 22  | 15   | 26     | 26     | 0.3       | 1       | 0.29  | 85.5      | 7.1446 | 1.8583 |
| 2009 | 6     | 22  | 15   | 36     | 26     | 0.3       | 1       | 0.27  | 95.6      | 7.1446 | 1.6913 |
| 2009 | 6     | 22  | 15   | 46     | 26     | 0.3       | 1       | 0.29  | 80.1      | 7.1446 | 1.7957 |
| 2009 | 6     | 22  | 15   | 56     | 26     | 0.3       | 1       | 0.3   | 95.6      | 7.1446 | 1.921  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 22  | 16   | 6      | 26     | 0.3       | 1       | 0.3   | 95.6      | 7.1252 | 1.8946 |
| 2009 | 6     | 22  | 16   | 16     | 26     | 0.3       | 1       | 0.27  | 84.5      | 7.1252 | 1.728  |
| 2009 | 6     | 22  | 16   | 26     | 26     | 0.3       | 1       | 0.17  | 97.8      | 7.1252 | 1.0618 |
| 2009 | 6     | 22  | 16   | 36     | 26     | 0.3       | 1       | 0.26  | 104.4     | 7.1252 | 1.6239 |
| 2009 | 6     | 22  | 16   | 46     | 26     | 0.3       | 1       | 0.31  | 98        | 7.1252 | 1.9362 |
| 2009 | 6     | 22  | 16   | 56     | 26     | 0.3       | 1       | 0.26  | 100.3     | 7.1252 | 1.6031 |
| 2009 | 6     | 22  | 17   | 6      | 26     | 0.3       | 1       | 0.25  | 95.2      | 7.1252 | 1.6031 |
| 2009 | 6     | 22  | 17   | 16     | 26     | 0.3       | 1       | 0.25  | 99.2      | 7.1252 | 1.5406 |
| 2009 | 6     | 22  | 17   | 26     | 26     | 0.3       | 1       | 0.21  | 91.8      | 7.1252 | 1.3116 |
| 2009 | 6     | 22  | 17   | 36     | 26     | 0.3       | 1       | 0.2   | 98.5      | 7.1252 | 1.2492 |
| 2009 | 6     | 22  | 17   | 46     | 26     | 0.3       | 1       | 0.28  | 94        | 7.1252 | 1.7905 |
| 2009 | 6     | 22  | 17   | 56     | 26     | 0.3       | 1       | 0.28  | 102.7     | 7.1059 | 1.7438 |
| 2009 | 6     | 22  | 18   | 6      | 26     | 0.3       | 1       | 0.29  | 109.3     | 7.1059 | 1.723  |
| 2009 | 6     | 22  | 18   | 16     | 26     | 0.3       | 1       | 0.23  | 95.7      | 7.1059 | 1.4531 |
| 2009 | 6     | 22  | 18   | 26     | 26     | 0.3       | 1       | 0.28  | 100.7     | 7.1059 | 1.7645 |
| 2009 | 6     | 22  | 18   | 36     | 26     | 0.3       | 1       | 0.33  | 103.2     | 7.1059 | 2.0344 |
| 2009 | 6     | 22  | 18   | 46     | 26     | 0.3       | 1       | 0.25  | 90        | 7.1059 | 1.5985 |
| 2009 | 6     | 22  | 18   | 56     | 26     | 0.3       | 1       | 0.31  | 99.7      | 7.1059 | 1.9514 |
| 2009 | 6     | 22  | 19   | 6      | 26     | 0.3       | 1       | 0.2   | 85.4      | 7.1059 | 1.2871 |
| 2009 | 6     | 22  | 19   | 16     | 26     | 0.3       | 1       | 0.29  | 97.1      | 7.1059 | 1.8268 |
| 2009 | 6     | 22  | 19   | 26     | 26     | 0.3       | 1       | 0.26  | 115.9     | 7.1059 | 1.4532 |
| 2009 | 6     | 22  | 19   | 36     | 26     | 0.3       | 1       | 0.21  | 109       | 7.1059 | 1.2663 |
| 2009 | 6     | 22  | 19   | 46     | 26     | 0.3       | 1       | 0.27  | 101.9     | 7.1059 | 1.6815 |
| 2009 | 6     | 22  | 19   | 56     | 26     | 0.3       | 1       | 0.21  | 110.4     | 7.1059 | 1.2248 |
| 2009 | 6     | 22  | 20   | 6      | 26     | 0.3       | 1       | 0.24  | 105.2     | 7.1059 | 1.4532 |
| 2009 | 6     | 22  | 20   | 16     | 26     | 0.3       | 1       | 0.31  | 114.1     | 7.1059 | 1.7646 |
| 2009 | 6     | 22  | 20   | 26     | 26     | 0.3       | 1       | 0.32  | 97.1      | 7.1059 | 1.9929 |
| 2009 | 6     | 22  | 20   | 36     | 26     | 0.3       | 1       | 0.27  | 108.7     | 7.1059 | 1.5985 |
| 2009 | 6     | 22  | 20   | 46     | 26     | 0.3       | 1       | 0.36  | 96.3      | 7.1059 | 2.2628 |
| 2009 | 6     | 22  | 20   | 56     | 26     | 0.3       | 1       | 0.26  | 101.6     | 7.1059 | 1.6193 |
| 2009 | 6     | 22  | 21   | 6      | 26     | 0.3       | 1       | 0.31  | 106.1     | 7.1252 | 1.8738 |
| 2009 | 6     | 22  | 21   | 16     | 26     | 0.3       | 1       | 0.29  | 98.4      | 7.1252 | 1.8322 |
| 2009 | 6     | 22  | 21   | 26     | 26     | 0.3       | 1       | 0.29  | 110.7     | 7.1252 | 1.7073 |
| 2009 | 6     | 22  | 21   | 36     | 26     | 0.3       | 1       | 0.37  | 102.2     | 7.1252 | 2.3111 |
| 2009 | 6     | 22  | 21   | 46     | 26     | 0.3       | 1       | 0.32  | 105.3     | 7.1252 | 1.978  |
| 2009 | 6     | 22  | 21   | 56     | 26     | 0.3       | 1       | 0.35  | 110.5     | 7.1059 | 2.0553 |
| 2009 | 6     | 22  | 22   | 6      | 26     | 0.3       | 1       | 0.38  | 95        | 7.1252 | 2.3944 |
| 2009 | 6     | 22  | 22   | 16     | 26     | 0.3       | 1       | 0.4   | 108.1     | 7.1252 | 2.4152 |
| 2009 | 6     | 22  | 22   | 26     | 26     | 0.3       | 1       | 0.35  | 89.5      | 7.1252 | 2.207  |
| 2009 | 6     | 22  | 22   | 36     | 26     | 0.3       | 1       | 0.32  | 92.9      | 7.1252 | 2.0404 |
| 2009 | 6     | 22  | 22   | 46     | 26     | 0.3       | 1       | 0.38  | 103.6     | 7.1252 | 2.3319 |
| 2009 | 6     | 22  | 22   | 56     | 26     | 0.3       | 1       | 0.35  | 114.2     | 7.1252 | 2.0404 |
| 2009 | 6     | 22  | 23   | 6      | 26     | 0.3       | 1       | 0.32  | 105       | 7.1446 | 1.942  |
| 2009 | 6     | 22  | 23   | 16     | 26     | 0.3       | 1       | 0.39  | 101       | 7.1446 | 2.464  |
| 2009 | 6     | 22  | 23   | 26     | 26     | 0.3       | 1       | 0.42  | 104.5     | 7.1446 | 2.5893 |
| 2009 | 6     | 22  | 23   | 36     | 26     | 0.3       | 1       | 0.38  | 95.5      | 7.1639 | 2.3874 |
| 2009 | 6     | 22  | 23   | 46     | 26     | 0.3       | 1       | 0.34  | 93.9      | 7.1639 | 2.1571 |
| 2009 | 6     | 22  | 23   | 56     | 26     | 0.3       | 1       | 0.38  | 96        | 7.1639 | 2.3874 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 23  | 0    | 6      | 26     | 0.3       | 1       | 0.39  | 106.5     | 7.1833 | 2.4153 |
| 2009 | 6     | 23  | 0    | 16     | 26     | 0.3       | 1       | 0.38  | 114.6     | 7.1833 | 2.2053 |
| 2009 | 6     | 23  | 0    | 26     | 26     | 0.3       | 1       | 0.43  | 98.9      | 7.2026 | 2.6961 |
| 2009 | 6     | 23  | 0    | 36     | 26     | 0.3       | 1       | 0.37  | 100.8     | 7.2026 | 2.317  |
| 2009 | 6     | 23  | 0    | 46     | 26     | 0.3       | 1       | 0.34  | 110.9     | 7.2026 | 2.0432 |
| 2009 | 6     | 23  | 0    | 56     | 26     | 0.3       | 1       | 0.35  | 84.6      | 7.2026 | 2.2117 |
| 2009 | 6     | 23  | 1    | 6      | 26     | 0.3       | 1       | 0.36  | 104.2     | 7.2026 | 2.2538 |
| 2009 | 6     | 23  | 1    | 16     | 26     | 0.3       | 1       | 0.35  | 105.4     | 7.2026 | 2.1485 |
| 2009 | 6     | 23  | 1    | 26     | 26     | 0.3       | 1       | 0.39  | 106.1     | 7.2026 | 2.4013 |
| 2009 | 6     | 23  | 1    | 36     | 26     | 0.3       | 1       | 0.33  | 108.4     | 7.2026 | 2.0221 |
| 2009 | 6     | 23  | 1    | 46     | 26     | 0.3       | 1       | 0.34  | 107.2     | 7.2026 | 2.1064 |
| 2009 | 6     | 23  | 1    | 56     | 26     | 0.3       | 1       | 0.39  | 105.8     | 7.2026 | 2.3802 |
| 2009 | 6     | 23  | 2    | 6      | 26     | 0.3       | 1       | 0.28  | 94        | 7.2026 | 1.8115 |
| 2009 | 6     | 23  | 2    | 16     | 26     | 0.3       | 1       | 0.33  | 105.7     | 7.222  | 2.028  |
| 2009 | 6     | 23  | 2    | 26     | 26     | 0.3       | 1       | 0.36  | 101.6     | 7.2026 | 2.2539 |
| 2009 | 6     | 23  | 2    | 36     | 26     | 0.3       | 1       | 0.24  | 98.8      | 7.2026 | 1.4956 |
| 2009 | 6     | 23  | 2    | 46     | 26     | 0.3       | 1       | 0.29  | 96.6      | 7.2026 | 1.8326 |
| 2009 | 6     | 23  | 2    | 56     | 26     | 0.3       | 1       | 0.34  | 108.3     | 7.2026 | 2.0432 |
| 2009 | 6     | 23  | 3    | 6      | 26     | 0.3       | 1       | 0.36  | 107.1     | 7.2026 | 2.1907 |
| 2009 | 6     | 23  | 3    | 16     | 26     | 0.3       | 1       | 0.28  | 105.7     | 7.222  | 1.7322 |
| 2009 | 6     | 23  | 3    | 26     | 26     | 0.3       | 1       | 0.29  | 100.3     | 7.222  | 1.859  |
| 2009 | 6     | 23  | 3    | 36     | 26     | 0.3       | 1       | 0.3   | 96.9      | 7.222  | 1.9224 |
| 2009 | 6     | 23  | 3    | 46     | 26     | 0.3       | 1       | 0.3   | 90        | 7.222  | 1.9012 |
| 2009 | 6     | 23  | 3    | 56     | 26     | 0.3       | 1       | 0.34  | 100       | 7.222  | 2.1548 |
| 2009 | 6     | 23  | 4    | 6      | 26     | 0.3       | 1       | 0.32  | 113.9     | 7.222  | 1.859  |
| 2009 | 6     | 23  | 4    | 16     | 26     | 0.3       | 1       | 0.33  | 103.8     | 7.222  | 2.0703 |
| 2009 | 6     | 23  | 4    | 26     | 26     | 0.3       | 1       | 0.26  | 104.6     | 7.2026 | 1.622  |
| 2009 | 6     | 23  | 4    | 36     | 26     | 0.3       | 1       | 0.3   | 89.4      | 7.222  | 1.9435 |
| 2009 | 6     | 23  | 4    | 46     | 26     | 0.3       | 1       | 0.33  | 100.2     | 7.222  | 2.1125 |
| 2009 | 6     | 23  | 4    | 56     | 26     | 0.3       | 1       | 0.38  | 102       | 7.2026 | 2.3803 |
| 2009 | 6     | 23  | 5    | 6      | 26     | 0.3       | 1       | 0.42  | 102.1     | 7.222  | 2.6618 |
| 2009 | 6     | 23  | 5    | 16     | 26     | 0.3       | 1       | 0.36  | 107.4     | 7.222  | 2.2181 |
| 2009 | 6     | 23  | 5    | 26     | 26     | 0.3       | 1       | 0.29  | 112.3     | 7.222  | 1.7534 |
| 2009 | 6     | 23  | 5    | 36     | 26     | 0.3       | 1       | 0.27  | 106.2     | 7.222  | 1.6689 |
| 2009 | 6     | 23  | 5    | 46     | 26     | 0.3       | 1       | 0.3   | 106.5     | 7.222  | 1.859  |
| 2009 | 6     | 23  | 5    | 56     | 26     | 0.3       | 1       | 0.39  | 106.5     | 7.222  | 2.4294 |
| 2009 | 6     | 23  | 6    | 6      | 26     | 0.3       | 1       | 0.33  | 107.9     | 7.222  | 2.028  |
| 2009 | 6     | 23  | 6    | 16     | 26     | 0.3       | 1       | 0.27  | 103.2     | 7.222  | 1.7112 |
| 2009 | 6     | 23  | 6    | 26     | 26     | 0.3       | 1       | 0.22  | 97.8      | 7.222  | 1.3943 |
| 2009 | 6     | 23  | 6    | 36     | 26     | 0.3       | 1       | 0.29  | 103.2     | 7.222  | 1.7957 |
| 2009 | 6     | 23  | 6    | 46     | 26     | 0.3       | 1       | 0.32  | 100.5     | 7.222  | 2.0492 |
| 2009 | 6     | 23  | 6    | 56     | 26     | 0.3       | 1       | 0.27  | 105.6     | 7.2026 | 1.6641 |
| 2009 | 6     | 23  | 7    | 6      | 26     | 0.3       | 1       | 0.35  | 102.5     | 7.2026 | 2.1907 |
| 2009 | 6     | 23  | 7    | 16     | 26     | 0.3       | 1       | 0.29  | 105.3     | 7.2026 | 1.7694 |
| 2009 | 6     | 23  | 7    | 26     | 26     | 0.3       | 1       | 0.3   | 108.2     | 7.2026 | 1.8537 |
| 2009 | 6     | 23  | 7    | 36     | 26     | 0.3       | 1       | 0.28  | 104.2     | 7.2026 | 1.7484 |
| 2009 | 6     | 23  | 7    | 46     | 26     | 0.3       | 1       | 0.31  | 111.5     | 7.2026 | 1.8748 |
| 2009 | 6     | 23  | 7    | 56     | 26     | 0.3       | 1       | 0.2   | 100.4     | 7.2026 | 1.2639 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 23  | 8    | 6      | 26     | 0.3       | 1       | 0.24  | 88.5      | 7.2026 | 1.5588 |
| 2009 | 6     | 23  | 8    | 16     | 26     | 0.3       | 1       | 0.35  | 97.5      | 7.2026 | 2.2328 |
| 2009 | 6     | 23  | 8    | 26     | 26     | 0.3       | 1       | 0.24  | 120       | 7.2026 | 1.3481 |
| 2009 | 6     | 23  | 8    | 36     | 26     | 0.3       | 1       | 0.34  | 84.5      | 7.1833 | 2.1634 |
| 2009 | 6     | 23  | 8    | 46     | 26     | 0.3       | 1       | 0.3   | 78.7      | 7.1639 | 1.8849 |
| 2009 | 6     | 23  | 8    | 56     | 26     | 0.3       | 1       | 0.34  | 87.3      | 7.1639 | 2.199  |
| 2009 | 6     | 23  | 9    | 6      | 26     | 0.3       | 1       | 0.35  | 74.6      | 7.1639 | 2.1362 |
| 2009 | 6     | 23  | 9    | 16     | 26     | 0.3       | 1       | 0.3   | 90        | 7.1446 | 1.9003 |
| 2009 | 6     | 23  | 9    | 26     | 26     | 0.3       | 1       | 0.62  | 95.2      | 7.0865 | 3.871  |
| 2009 | 6     | 23  | 9    | 36     | 26     | 0.3       | 1       | 0.67  | 97        | 7.0865 | 4.2022 |
| 2009 | 6     | 23  | 9    | 46     | 26     | 0.3       | 1       | 0.64  | 91.2      | 7.1059 | 4.0692 |
| 2009 | 6     | 23  | 9    | 56     | 26     | 0.3       | 1       | 0.61  | 94.3      | 7.1059 | 3.8615 |
| 2009 | 6     | 23  | 10   | 6      | 26     | 0.3       | 1       | 0.63  | 87.9      | 7.1252 | 3.9977 |
| 2009 | 6     | 23  | 10   | 16     | 26     | 0.3       | 1       | 0.62  | 89.7      | 7.1252 | 3.956  |
| 2009 | 6     | 23  | 10   | 26     | 26     | 0.3       | 1       | 0.69  | 83.4      | 7.1252 | 4.3516 |
| 2009 | 6     | 23  | 10   | 36     | 26     | 0.3       | 1       | 0.71  | 79.4      | 7.1252 | 4.4349 |
| 2009 | 6     | 23  | 10   | 46     | 26     | 0.3       | 1       | 0.68  | 88.1      | 7.1252 | 4.2891 |
| 2009 | 6     | 23  | 10   | 56     | 26     | 0.3       | 1       | 0.61  | 84.4      | 7.1252 | 3.831  |
| 2009 | 6     | 23  | 11   | 6      | 26     | 0.3       | 1       | 0.63  | 85.5      | 7.1252 | 3.9768 |
| 2009 | 6     | 23  | 11   | 16     | 26     | 0.3       | 1       | 0.64  | 87.7      | 7.1252 | 4.0809 |
| 2009 | 6     | 23  | 11   | 26     | 26     | 0.3       | 1       | 0.76  | 83.8      | 7.1252 | 4.7887 |
| 2009 | 6     | 23  | 11   | 36     | 26     | 0.3       | 1       | 0.77  | 86.8      | 7.1252 | 4.8512 |
| 2009 | 6     | 23  | 11   | 46     | 26     | 0.3       | 1       | 0.76  | 81.5      | 7.1252 | 4.747  |
| 2009 | 6     | 23  | 11   | 56     | 26     | 0.3       | 1       | 0.76  | 80        | 7.1252 | 4.747  |
| 2009 | 6     | 23  | 12   | 6      | 26     | 0.3       | 1       | 0.91  | 75.8      | 7.1252 | 5.5798 |
| 2009 | 6     | 23  | 12   | 16     | 26     | 0.3       | 1       | 0.69  | 81.5      | 7.1252 | 4.3306 |
| 2009 | 6     | 23  | 12   | 26     | 26     | 0.3       | 1       | 0.75  | 85.7      | 7.1639 | 4.7536 |
| 2009 | 6     | 23  | 12   | 36     | 26     | 0.3       | 1       | 0.73  | 81.2      | 7.1639 | 4.5861 |
| 2009 | 6     | 23  | 12   | 46     | 26     | 0.3       | 1       | 0.85  | 85.8      | 7.1833 | 5.3974 |
| 2009 | 6     | 23  | 12   | 56     | 26     | 0.3       | 1       | 0.82  | 82.4      | 7.2026 | 5.2023 |
| 2009 | 6     | 23  | 13   | 6      | 26     | 0.3       | 1       | 0.83  | 86.6      | 7.222  | 5.344  |
| 2009 | 6     | 23  | 13   | 16     | 26     | 0.3       | 1       | 0.84  | 69.2      | 7.222  | 5.0483 |
| 2009 | 6     | 23  | 13   | 26     | 26     | 0.3       | 1       | 1.06  | 61.2      | 7.2026 | 5.9816 |
| 2009 | 6     | 23  | 13   | 36     | 26     | 0.3       | 1       | 1.07  | 58.1      | 7.2026 | 5.8131 |
| 2009 | 6     | 23  | 13   | 46     | 26     | 0.3       | 1       | 1.07  | 63.3      | 7.2026 | 6.1501 |
| 2009 | 6     | 23  | 13   | 56     | 26     | 0.3       | 1       | 0.95  | 71.5      | 7.1833 | 5.7754 |
| 2009 | 6     | 23  | 14   | 6      | 26     | 0.3       | 1       | 0.97  | 68.6      | 7.1833 | 5.7963 |
| 2009 | 6     | 23  | 14   | 16     | 26     | 0.3       | 1       | 0.94  | 73.5      | 7.1833 | 5.7963 |
| 2009 | 6     | 23  | 14   | 26     | 26     | 0.3       | 1       | 0.92  | 76.1      | 7.1833 | 5.6913 |
| 2009 | 6     | 23  | 14   | 36     | 26     | 0.3       | 1       | 0.88  | 81.2      | 7.1833 | 5.5653 |
| 2009 | 6     | 23  | 14   | 46     | 26     | 0.3       | 1       | 0.9   | 85        | 7.1639 | 5.7168 |
| 2009 | 6     | 23  | 14   | 56     | 26     | 0.3       | 1       | 0.84  | 78.6      | 7.1833 | 5.2923 |
| 2009 | 6     | 23  | 15   | 6      | 26     | 0.3       | 1       | 0.91  | 80.5      | 7.1639 | 5.7377 |
| 2009 | 6     | 23  | 15   | 16     | 26     | 0.3       | 1       | 0.8   | 77.9      | 7.1639 | 4.9838 |
| 2009 | 6     | 23  | 15   | 26     | 26     | 0.3       | 1       | 0.85  | 79.8      | 7.1639 | 5.3398 |
| 2009 | 6     | 23  | 15   | 36     | 26     | 0.3       | 1       | 0.8   | 79.1      | 7.1639 | 5.0257 |
| 2009 | 6     | 23  | 15   | 46     | 26     | 0.3       | 1       | 0.85  | 81.1      | 7.1446 | 5.3452 |
| 2009 | 6     | 23  | 15   | 56     | 26     | 0.3       | 1       | 0.78  | 90        | 7.1446 | 4.9903 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 23  | 16   | 6      | 26     | 0.3       | 1       | 0.72  | 84.8      | 7.1446 | 4.5936 |
| 2009 | 6     | 23  | 16   | 16     | 26     | 0.3       | 1       | 0.86  | 78.5      | 7.1446 | 5.3452 |
| 2009 | 6     | 23  | 16   | 26     | 26     | 0.3       | 1       | 0.79  | 79.4      | 7.1446 | 4.9276 |
| 2009 | 6     | 23  | 16   | 36     | 26     | 0.3       | 1       | 0.71  | 90.8      | 7.1446 | 4.5309 |
| 2009 | 6     | 23  | 16   | 46     | 26     | 0.3       | 1       | 0.84  | 73        | 7.1446 | 5.1156 |
| 2009 | 6     | 23  | 16   | 56     | 26     | 0.3       | 1       | 0.77  | 87.5      | 7.1446 | 4.865  |
| 2009 | 6     | 23  | 17   | 6      | 26     | 0.3       | 1       | 0.75  | 81.4      | 7.1446 | 4.7189 |
| 2009 | 6     | 23  | 17   | 16     | 26     | 0.3       | 1       | 0.76  | 80.3      | 7.1252 | 4.7677 |
| 2009 | 6     | 23  | 17   | 26     | 26     | 0.3       | 1       | 0.85  | 84        | 7.1252 | 5.3714 |
| 2009 | 6     | 23  | 17   | 36     | 26     | 0.3       | 1       | 0.81  | 80        | 7.1252 | 5.08   |
| 2009 | 6     | 23  | 17   | 46     | 26     | 0.3       | 1       | 0.77  | 79.4      | 7.1252 | 4.7885 |
| 2009 | 6     | 23  | 17   | 56     | 26     | 0.3       | 1       | 0.81  | 89.5      | 7.1252 | 5.1633 |
| 2009 | 6     | 23  | 18   | 6      | 26     | 0.3       | 1       | 0.8   | 75.7      | 7.1252 | 4.9134 |
| 2009 | 6     | 23  | 18   | 16     | 26     | 0.3       | 1       | 0.88  | 83.8      | 7.1252 | 5.5589 |
| 2009 | 6     | 23  | 18   | 26     | 26     | 0.3       | 1       | 0.76  | 85.6      | 7.1252 | 4.8302 |
| 2009 | 6     | 23  | 18   | 36     | 26     | 0.3       | 1       | 0.67  | 83        | 7.1252 | 4.2264 |
| 2009 | 6     | 23  | 18   | 46     | 26     | 0.3       | 1       | 0.76  | 82.6      | 7.1059 | 4.7954 |
| 2009 | 6     | 23  | 18   | 56     | 26     | 0.3       | 1       | 0.74  | 83.1      | 7.1059 | 4.6501 |
| 2009 | 6     | 23  | 19   | 6      | 26     | 0.3       | 1       | 0.8   | 81.7      | 7.1059 | 5.003  |
| 2009 | 6     | 23  | 19   | 16     | 26     | 0.3       | 1       | 0.81  | 86.8      | 7.1059 | 5.1276 |
| 2009 | 6     | 23  | 19   | 26     | 26     | 0.3       | 1       | 0.82  | 80.3      | 7.1059 | 5.0861 |
| 2009 | 6     | 23  | 19   | 36     | 26     | 0.3       | 1       | 0.77  | 84.7      | 7.1059 | 4.8785 |
| 2009 | 6     | 23  | 19   | 46     | 26     | 0.3       | 1       | 0.74  | 87.7      | 7.1059 | 4.6709 |
| 2009 | 6     | 23  | 19   | 56     | 26     | 0.3       | 1       | 0.78  | 86.8      | 7.1252 | 4.9136 |
| 2009 | 6     | 23  | 20   | 6      | 26     | 0.3       | 1       | 0.79  | 85.7      | 7.1252 | 4.9969 |
| 2009 | 6     | 23  | 20   | 16     | 26     | 0.3       | 1       | 0.88  | 88.7      | 7.1252 | 5.5799 |
| 2009 | 6     | 23  | 20   | 26     | 26     | 0.3       | 1       | 0.8   | 91.6      | 7.1252 | 5.101  |
| 2009 | 6     | 23  | 20   | 36     | 26     | 0.3       | 1       | 0.8   | 89.1      | 7.1252 | 5.101  |
| 2009 | 6     | 23  | 20   | 46     | 26     | 0.3       | 1       | 0.8   | 86.7      | 7.1252 | 5.0802 |
| 2009 | 6     | 23  | 20   | 56     | 26     | 0.3       | 1       | 0.85  | 90        | 7.1252 | 5.3717 |
| 2009 | 6     | 23  | 21   | 6      | 26     | 0.3       | 1       | 0.84  | 89.1      | 7.1252 | 5.3509 |
| 2009 | 6     | 23  | 21   | 16     | 26     | 0.3       | 1       | 0.78  | 84.2      | 7.1252 | 4.9345 |
| 2009 | 6     | 23  | 21   | 26     | 26     | 0.3       | 1       | 0.89  | 81.7      | 7.1446 | 5.5753 |
| 2009 | 6     | 23  | 21   | 36     | 26     | 0.3       | 1       | 0.78  | 90.2      | 7.1446 | 4.9906 |
| 2009 | 6     | 23  | 21   | 46     | 26     | 0.3       | 1       | 0.8   | 86        | 7.1446 | 5.0741 |
| 2009 | 6     | 23  | 21   | 56     | 26     | 0.3       | 1       | 0.78  | 91        | 7.1446 | 4.9488 |
| 2009 | 6     | 23  | 22   | 6      | 26     | 0.3       | 1       | 0.8   | 84.6      | 7.1639 | 5.1098 |
| 2009 | 6     | 23  | 22   | 16     | 26     | 0.3       | 1       | 0.79  | 91.4      | 7.1639 | 5.0679 |
| 2009 | 6     | 23  | 22   | 26     | 26     | 0.3       | 1       | 0.92  | 88        | 7.1833 | 5.8807 |
| 2009 | 6     | 23  | 22   | 36     | 26     | 0.3       | 1       | 0.87  | 89.8      | 7.1833 | 5.5447 |
| 2009 | 6     | 23  | 22   | 46     | 26     | 0.3       | 1       | 0.94  | 88.2      | 7.1833 | 6.0277 |
| 2009 | 6     | 23  | 22   | 56     | 26     | 0.3       | 1       | 0.86  | 88.3      | 7.2026 | 5.5186 |
| 2009 | 6     | 23  | 23   | 6      | 26     | 0.3       | 1       | 0.85  | 90.2      | 7.222  | 5.4922 |
| 2009 | 6     | 23  | 23   | 16     | 26     | 0.3       | 1       | 0.87  | 89.3      | 7.2026 | 5.5607 |
| 2009 | 6     | 23  | 23   | 26     | 26     | 0.3       | 1       | 0.84  | 90        | 7.2026 | 5.3922 |
| 2009 | 6     | 23  | 23   | 36     | 26     | 0.3       | 1       | 0.81  | 89.1      | 7.2026 | 5.1816 |
| 2009 | 6     | 23  | 23   | 46     | 26     | 0.3       | 1       | 0.82  | 89.1      | 7.222  | 5.2599 |
| 2009 | 6     | 23  | 23   | 56     | 26     | 0.3       | 1       | 0.74  | 86.2      | 7.222  | 4.774  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 24  | 0    | 6      | 26     | 0.3       | 1       | 0.8   | 86        | 7.222  | 5.1331 |
| 2009 | 6     | 24  | 0    | 16     | 26     | 0.3       | 1       | 0.83  | 91.8      | 7.222  | 5.3233 |
| 2009 | 6     | 24  | 0    | 26     | 26     | 0.3       | 1       | 0.93  | 90.4      | 7.222  | 5.957  |
| 2009 | 6     | 24  | 0    | 36     | 26     | 0.3       | 1       | 0.86  | 88        | 7.222  | 5.5345 |
| 2009 | 6     | 24  | 0    | 46     | 26     | 0.3       | 1       | 0.85  | 96.9      | 7.222  | 5.45   |
| 2009 | 6     | 24  | 0    | 56     | 26     | 0.3       | 1       | 0.87  | 93.5      | 7.222  | 5.5979 |
| 2009 | 6     | 24  | 1    | 6      | 26     | 0.3       | 1       | 0.91  | 92.1      | 7.222  | 5.8514 |
| 2009 | 6     | 24  | 1    | 16     | 26     | 0.3       | 1       | 0.86  | 90.4      | 7.222  | 5.5135 |
| 2009 | 6     | 24  | 1    | 26     | 26     | 0.3       | 1       | 0.85  | 93.8      | 7.222  | 5.4712 |
| 2009 | 6     | 24  | 1    | 36     | 26     | 0.3       | 1       | 0.82  | 95.5      | 7.222  | 5.2811 |
| 2009 | 6     | 24  | 1    | 46     | 26     | 0.3       | 1       | 0.81  | 92.8      | 7.222  | 5.1966 |
| 2009 | 6     | 24  | 1    | 56     | 26     | 0.3       | 1       | 0.75  | 90.5      | 7.222  | 4.8375 |
| 2009 | 6     | 24  | 2    | 6      | 26     | 0.3       | 1       | 0.81  | 91.2      | 7.222  | 5.2178 |
| 2009 | 6     | 24  | 2    | 16     | 26     | 0.3       | 1       | 0.84  | 88.2      | 7.222  | 5.3868 |
| 2009 | 6     | 24  | 2    | 26     | 26     | 0.3       | 1       | 0.76  | 94        | 7.222  | 4.8587 |
| 2009 | 6     | 24  | 2    | 36     | 26     | 0.3       | 1       | 0.79  | 90.9      | 7.222  | 5.1122 |
| 2009 | 6     | 24  | 2    | 46     | 26     | 0.3       | 1       | 0.92  | 91        | 7.222  | 5.9149 |
| 2009 | 6     | 24  | 2    | 56     | 26     | 0.3       | 1       | 0.76  | 90.7      | 7.222  | 4.9221 |
| 2009 | 6     | 24  | 3    | 6      | 26     | 0.3       | 1       | 0.76  | 86.8      | 7.222  | 4.8587 |
| 2009 | 6     | 24  | 3    | 16     | 26     | 0.3       | 1       | 0.78  | 91.2      | 7.222  | 5.0488 |
| 2009 | 6     | 24  | 3    | 26     | 26     | 0.3       | 1       | 0.91  | 88.3      | 7.222  | 5.8304 |
| 2009 | 6     | 24  | 3    | 36     | 26     | 0.3       | 1       | 0.74  | 90        | 7.222  | 4.7953 |
| 2009 | 6     | 24  | 3    | 46     | 26     | 0.3       | 1       | 0.81  | 92.1      | 7.222  | 5.1967 |
| 2009 | 6     | 24  | 3    | 56     | 26     | 0.3       | 1       | 0.77  | 96.3      | 7.222  | 4.9432 |
| 2009 | 6     | 24  | 4    | 6      | 26     | 0.3       | 1       | 0.74  | 94.6      | 7.222  | 4.732  |
| 2009 | 6     | 24  | 4    | 16     | 26     | 0.3       | 1       | 0.74  | 92.3      | 7.222  | 4.7531 |
| 2009 | 6     | 24  | 4    | 26     | 26     | 0.3       | 1       | 0.75  | 91.8      | 7.222  | 4.7954 |
| 2009 | 6     | 24  | 4    | 36     | 26     | 0.3       | 1       | 0.73  | 93.4      | 7.222  | 4.6686 |
| 2009 | 6     | 24  | 4    | 46     | 26     | 0.3       | 1       | 0.77  | 92.9      | 7.222  | 4.9644 |
| 2009 | 6     | 24  | 4    | 56     | 26     | 0.3       | 1       | 0.88  | 90.6      | 7.222  | 5.6826 |
| 2009 | 6     | 24  | 5    | 6      | 26     | 0.3       | 1       | 0.76  | 92.2      | 7.222  | 4.8588 |
| 2009 | 6     | 24  | 5    | 16     | 26     | 0.3       | 1       | 0.8   | 87.4      | 7.222  | 5.1545 |
| 2009 | 6     | 24  | 5    | 26     | 26     | 0.3       | 1       | 0.89  | 88.3      | 7.222  | 5.7038 |
| 2009 | 6     | 24  | 5    | 36     | 26     | 0.3       | 1       | 0.81  | 87.7      | 7.222  | 5.2179 |
| 2009 | 6     | 24  | 5    | 46     | 26     | 0.3       | 1       | 0.83  | 88.2      | 7.222  | 5.3658 |
| 2009 | 6     | 24  | 5    | 56     | 26     | 0.3       | 1       | 0.79  | 90        | 7.222  | 5.1123 |
| 2009 | 6     | 24  | 6    | 6      | 26     | 0.3       | 1       | 0.82  | 89.1      | 7.222  | 5.3024 |
| 2009 | 6     | 24  | 6    | 16     | 26     | 0.3       | 1       | 0.86  | 91.7      | 7.222  | 5.5348 |
| 2009 | 6     | 24  | 6    | 26     | 26     | 0.3       | 1       | 0.83  | 94.1      | 7.222  | 5.3024 |
| 2009 | 6     | 24  | 6    | 36     | 26     | 0.3       | 1       | 0.78  | 87.8      | 7.222  | 5.0278 |
| 2009 | 6     | 24  | 6    | 46     | 26     | 0.3       | 1       | 0.8   | 90.2      | 7.222  | 5.1546 |
| 2009 | 6     | 24  | 6    | 56     | 26     | 0.3       | 1       | 0.81  | 89.8      | 7.222  | 5.1968 |
| 2009 | 6     | 24  | 7    | 6      | 26     | 0.3       | 1       | 0.87  | 92.6      | 7.222  | 5.6193 |
| 2009 | 6     | 24  | 7    | 16     | 26     | 0.3       | 1       | 0.83  | 90        | 7.222  | 5.3658 |
| 2009 | 6     | 24  | 7    | 26     | 26     | 0.3       | 1       | 0.73  | 90.3      | 7.222  | 4.6687 |
| 2009 | 6     | 24  | 7    | 36     | 26     | 0.3       | 1       | 0.75  | 87        | 7.2026 | 4.8027 |
| 2009 | 6     | 24  | 7    | 46     | 26     | 0.3       | 1       | 0.79  | 88.8      | 7.2026 | 5.0976 |
| 2009 | 6     | 24  | 7    | 56     | 26     | 0.3       | 1       | 0.83  | 92        | 7.222  | 5.3446 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 24  | 8    | 6      | 26     | 0.3       | 1       | 0.88  | 94.3      | 7.2026 | 5.6242 |
| 2009 | 6     | 24  | 8    | 16     | 26     | 0.3       | 1       | 0.82  | 90        | 7.2026 | 5.2661 |
| 2009 | 6     | 24  | 8    | 26     | 26     | 0.3       | 1       | 0.81  | 91.9      | 7.2026 | 5.1818 |
| 2009 | 6     | 24  | 8    | 36     | 26     | 0.3       | 1       | 0.82  | 83.3      | 7.2026 | 5.2239 |
| 2009 | 6     | 24  | 8    | 46     | 26     | 0.3       | 1       | 0.84  | 82.8      | 7.2026 | 5.3292 |
| 2009 | 6     | 24  | 8    | 56     | 26     | 0.3       | 1       | 0.8   | 83.6      | 7.2026 | 5.0975 |
| 2009 | 6     | 24  | 9    | 6      | 26     | 0.3       | 1       | 0.74  | 84.7      | 7.2026 | 4.7394 |
| 2009 | 6     | 24  | 9    | 16     | 26     | 0.3       | 1       | 0.77  | 86.8      | 7.1833 | 4.8937 |
| 2009 | 6     | 24  | 9    | 26     | 26     | 0.3       | 1       | 0.79  | 82.2      | 7.1833 | 5.0407 |
| 2009 | 6     | 24  | 9    | 36     | 26     | 0.3       | 1       | 0.75  | 85.2      | 7.1833 | 4.7887 |
| 2009 | 6     | 24  | 9    | 46     | 26     | 0.3       | 1       | 0.8   | 87.6      | 7.1833 | 5.1037 |
| 2009 | 6     | 24  | 9    | 56     | 26     | 0.3       | 1       | 0.81  | 84        | 7.1833 | 5.1877 |
| 2009 | 6     | 24  | 10   | 6      | 26     | 0.3       | 1       | 0.8   | 89.3      | 7.1639 | 5.1099 |
| 2009 | 6     | 24  | 10   | 16     | 26     | 0.3       | 1       | 0.76  | 82        | 7.1639 | 4.7748 |
| 2009 | 6     | 24  | 10   | 26     | 26     | 0.3       | 1       | 0.78  | 83.5      | 7.1639 | 4.9423 |
| 2009 | 6     | 24  | 10   | 36     | 26     | 0.3       | 1       | 0.81  | 84.4      | 7.1446 | 5.1368 |
| 2009 | 6     | 24  | 10   | 46     | 26     | 0.3       | 1       | 0.68  | 82.5      | 7.1446 | 4.2806 |
| 2009 | 6     | 24  | 10   | 56     | 26     | 0.3       | 1       | 0.78  | 82.5      | 7.1446 | 4.9279 |
| 2009 | 6     | 24  | 11   | 6      | 26     | 0.3       | 1       | 0.75  | 80.2      | 7.1446 | 4.6982 |
| 2009 | 6     | 24  | 11   | 16     | 26     | 0.3       | 1       | 0.81  | 79        | 7.1446 | 5.0532 |
| 2009 | 6     | 24  | 11   | 26     | 26     | 0.3       | 1       | 0.8   | 76.8      | 7.1446 | 4.9696 |
| 2009 | 6     | 24  | 11   | 36     | 26     | 0.3       | 1       | 0.79  | 86.9      | 7.1252 | 5.0177 |
| 2009 | 6     | 24  | 11   | 46     | 26     | 0.3       | 1       | 0.77  | 84.4      | 7.1252 | 4.8927 |
| 2009 | 6     | 24  | 11   | 56     | 26     | 0.3       | 1       | 0.76  | 80.3      | 7.1446 | 4.7399 |
| 2009 | 6     | 24  | 12   | 6      | 26     | 0.3       | 1       | 0.76  | 86.3      | 7.1252 | 4.8302 |
| 2009 | 6     | 24  | 12   | 16     | 26     | 0.3       | 1       | 0.75  | 79.7      | 7.1252 | 4.6845 |
| 2009 | 6     | 24  | 12   | 26     | 26     | 0.3       | 1       | 0.84  | 80.6      | 7.1252 | 5.2882 |
| 2009 | 6     | 24  | 12   | 36     | 26     | 0.3       | 1       | 0.84  | 81.1      | 7.1252 | 5.2882 |
| 2009 | 6     | 24  | 12   | 46     | 26     | 0.3       | 1       | 0.78  | 80.8      | 7.1252 | 4.8926 |
| 2009 | 6     | 24  | 12   | 56     | 26     | 0.3       | 1       | 0.7   | 77.6      | 7.1252 | 4.3513 |
| 2009 | 6     | 24  | 13   | 6      | 26     | 0.3       | 1       | 0.8   | 76.7      | 7.1252 | 4.9342 |
| 2009 | 6     | 24  | 13   | 16     | 26     | 0.3       | 1       | 0.74  | 78.5      | 7.1639 | 4.6488 |
| 2009 | 6     | 24  | 13   | 26     | 26     | 0.3       | 1       | 0.72  | 78.2      | 7.2801 | 4.5804 |
| 2009 | 6     | 24  | 13   | 36     | 26     | 0.3       | 1       | 0.91  | 87.1      | 7.4349 | 6.0139 |
| 2009 | 6     | 24  | 13   | 46     | 26     | 0.3       | 1       | 1.41  | 90.5      | 7.8027 | 9.8428 |
| 2009 | 6     | 24  | 13   | 56     | 26     | 0.3       | 1       | 0.47  | 85.2      | 8.035  | 3.3854 |
| 2009 | 6     | 24  | 14   | 6      | 26     | 0.3       | 1       | 1.13  | 87.8      | 8.1898 | 8.2873 |
| 2009 | 6     | 24  | 14   | 16     | 26     | 0.3       | 1       | 1.27  | 90.6      | 8.2286 | 9.4219 |
| 2009 | 6     | 24  | 14   | 26     | 26     | 0.3       | 1       | 1.06  | 83.1      | 8.2286 | 7.8192 |
| 2009 | 6     | 24  | 14   | 36     | 26     | 0.3       | 1       | 1.15  | 85.6      | 8.2479 | 8.4718 |
| 2009 | 6     | 24  | 14   | 46     | 26     | 0.3       | 1       | 1.11  | 84.8      | 8.2286 | 8.2078 |
| 2009 | 6     | 24  | 14   | 56     | 26     | 0.3       | 1       | 1.15  | 81.8      | 8.1898 | 8.3599 |
| 2009 | 6     | 24  | 15   | 6      | 26     | 0.3       | 1       | 1.19  | 81        | 8.1318 | 8.6083 |
| 2009 | 6     | 24  | 15   | 16     | 26     | 0.3       | 1       | 1.12  | 74.3      | 8.0737 | 7.805  |
| 2009 | 6     | 24  | 15   | 26     | 26     | 0.3       | 1       | 1.11  | 75.5      | 8.035  | 7.7888 |
| 2009 | 6     | 24  | 15   | 36     | 26     | 0.3       | 1       | 0.63  | 64.2      | 7.9963 | 4.051  |
| 2009 | 6     | 24  | 15   | 46     | 26     | 0.3       | 1       | 0.89  | 78.8      | 7.9963 | 6.2884 |
| 2009 | 6     | 24  | 15   | 56     | 26     | 0.3       | 1       | 0.96  | 81.3      | 7.8995 | 6.7186 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 24  | 16   | 6      | 26     | 0.3       | 1       | 0.91  | 78        | 7.8221 | 6.2572 |
| 2009 | 6     | 24  | 16   | 16     | 26     | 0.3       | 1       | 0.95  | 75.7      | 7.8027 | 6.4701 |
| 2009 | 6     | 24  | 16   | 26     | 26     | 0.3       | 1       | 0.92  | 80.3      | 7.7446 | 6.2821 |
| 2009 | 6     | 24  | 16   | 36     | 26     | 0.3       | 1       | 1     | 78.4      | 7.6672 | 6.7104 |
| 2009 | 6     | 24  | 16   | 46     | 26     | 0.3       | 1       | 0.8   | 78.6      | 7.6091 | 5.316  |
| 2009 | 6     | 24  | 16   | 56     | 26     | 0.3       | 1       | 0.86  | 80.1      | 7.5704 | 5.7314 |
| 2009 | 6     | 24  | 17   | 6      | 26     | 0.3       | 1       | 0.87  | 83.7      | 7.5511 | 5.8486 |
| 2009 | 6     | 24  | 17   | 16     | 26     | 0.3       | 1       | 0.74  | 79.8      | 7.493  | 4.8777 |
| 2009 | 6     | 24  | 17   | 26     | 26     | 0.3       | 1       | 0.84  | 77.9      | 7.4156 | 5.454  |
| 2009 | 6     | 24  | 17   | 36     | 26     | 0.3       | 1       | 0.78  | 77.3      | 7.3769 | 4.9914 |
| 2009 | 6     | 24  | 17   | 46     | 26     | 0.3       | 1       | 0.77  | 87.3      | 7.3381 | 5.0064 |
| 2009 | 6     | 24  | 17   | 56     | 26     | 0.3       | 1       | 0.83  | 84.3      | 7.3188 | 5.3779 |
| 2009 | 6     | 24  | 18   | 6      | 26     | 0.3       | 1       | 0.71  | 84.4      | 7.2994 | 4.6149 |
| 2009 | 6     | 24  | 18   | 16     | 26     | 0.3       | 1       | 0.77  | 81.4      | 7.2801 | 4.9214 |
| 2009 | 6     | 24  | 18   | 26     | 26     | 0.3       | 1       | 0.71  | 71.9      | 7.2414 | 4.3426 |
| 2009 | 6     | 24  | 18   | 36     | 26     | 0.3       | 1       | 0.71  | 75.6      | 7.2026 | 4.4231 |
| 2009 | 6     | 24  | 18   | 46     | 26     | 0.3       | 1       | 0.73  | 86.2      | 7.1446 | 4.6564 |
| 2009 | 6     | 24  | 18   | 56     | 26     | 0.3       | 1       | 0.63  | 85.9      | 7.1252 | 4.0183 |
| 2009 | 6     | 24  | 19   | 6      | 26     | 0.3       | 1       | 0.62  | 82        | 7.1059 | 3.8613 |
| 2009 | 6     | 24  | 19   | 16     | 26     | 0.3       | 1       | 0.65  | 82.7      | 7.1059 | 4.0482 |
| 2009 | 6     | 24  | 19   | 26     | 26     | 0.3       | 1       | 0.59  | 88.4      | 7.0865 | 3.7466 |
| 2009 | 6     | 24  | 19   | 36     | 26     | 0.3       | 1       | 0.63  | 84        | 7.0671 | 3.9214 |
| 2009 | 6     | 24  | 19   | 46     | 26     | 0.3       | 1       | 0.67  | 81.5      | 7.0671 | 4.1484 |
| 2009 | 6     | 24  | 19   | 56     | 26     | 0.3       | 1       | 0.65  | 77.8      | 7.0478 | 4.0128 |
| 2009 | 6     | 24  | 20   | 6      | 26     | 0.3       | 1       | 0.5   | 83.6      | 7.0478 | 3.1074 |
| 2009 | 6     | 24  | 20   | 16     | 26     | 0.3       | 1       | 0.58  | 76.3      | 7.0284 | 3.5291 |
| 2009 | 6     | 24  | 20   | 26     | 26     | 0.3       | 1       | 0.6   | 81.3      | 7.0284 | 3.7343 |
| 2009 | 6     | 24  | 20   | 36     | 26     | 0.3       | 1       | 0.52  | 80.6      | 7.0091 | 3.2119 |
| 2009 | 6     | 24  | 20   | 46     | 26     | 0.3       | 1       | 0.54  | 84.8      | 6.9897 | 3.3451 |
| 2009 | 6     | 24  | 20   | 56     | 26     | 0.3       | 1       | 0.54  | 87.2      | 6.9897 | 3.3656 |
| 2009 | 6     | 24  | 21   | 6      | 26     | 0.3       | 1       | 0.58  | 82.5      | 6.951  | 3.5484 |
| 2009 | 6     | 24  | 21   | 16     | 26     | 0.3       | 1       | 0.54  | 83.4      | 6.951  | 3.305  |
| 2009 | 6     | 24  | 21   | 26     | 26     | 0.3       | 1       | 0.48  | 86.1      | 6.9316 | 2.9515 |
| 2009 | 6     | 24  | 21   | 36     | 26     | 0.3       | 1       | 0.55  | 86.6      | 6.9316 | 3.3558 |
| 2009 | 6     | 24  | 21   | 46     | 26     | 0.3       | 1       | 0.5   | 84        | 6.9123 | 3.0838 |
| 2009 | 6     | 24  | 21   | 56     | 26     | 0.3       | 1       | 0.49  | 86.2      | 6.9123 | 3.0032 |
| 2009 | 6     | 24  | 22   | 6      | 26     | 0.3       | 1       | 0.58  | 79.8      | 6.8929 | 3.4764 |
| 2009 | 6     | 24  | 22   | 16     | 26     | 0.3       | 1       | 0.62  | 87.3      | 6.8929 | 3.7779 |
| 2009 | 6     | 24  | 22   | 26     | 26     | 0.3       | 1       | 0.56  | 80.8      | 6.8736 | 3.3458 |
| 2009 | 6     | 24  | 22   | 36     | 26     | 0.3       | 1       | 0.54  | 94.5      | 6.8736 | 3.3057 |
| 2009 | 6     | 24  | 22   | 46     | 26     | 0.3       | 1       | 0.45  | 88.3      | 6.8736 | 2.7648 |
| 2009 | 6     | 24  | 22   | 56     | 26     | 0.3       | 1       | 0.56  | 91.3      | 6.8736 | 3.446  |
| 2009 | 6     | 24  | 23   | 6      | 26     | 0.3       | 1       | 0.48  | 88        | 6.8736 | 2.9251 |
| 2009 | 6     | 24  | 23   | 16     | 26     | 0.3       | 1       | 0.44  | 86.6      | 6.8736 | 2.7047 |
| 2009 | 6     | 24  | 23   | 26     | 26     | 0.3       | 1       | 0.5   | 90        | 6.8736 | 3.0453 |
| 2009 | 6     | 24  | 23   | 36     | 26     | 0.3       | 1       | 0.51  | 88.9      | 6.8736 | 3.1054 |
| 2009 | 6     | 24  | 23   | 46     | 26     | 0.3       | 1       | 0.53  | 91.4      | 6.8736 | 3.2456 |
| 2009 | 6     | 24  | 23   | 56     | 26     | 0.3       | 1       | 0.53  | 98.5      | 6.8736 | 3.2256 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 25  | 0    | 6      | 26     | 0.3       | 1       | 0.51  | 93.3      | 6.8736 | 3.1254 |
| 2009 | 6     | 25  | 0    | 16     | 26     | 0.3       | 1       | 0.51  | 98.1      | 6.8736 | 3.1054 |
| 2009 | 6     | 25  | 0    | 26     | 26     | 0.3       | 1       | 0.54  | 87.2      | 6.8736 | 3.2657 |
| 2009 | 6     | 25  | 0    | 36     | 26     | 0.3       | 1       | 0.46  | 87.1      | 6.8542 | 2.7764 |
| 2009 | 6     | 25  | 0    | 46     | 26     | 0.3       | 1       | 0.46  | 99.1      | 6.8542 | 2.7365 |
| 2009 | 6     | 25  | 0    | 56     | 26     | 0.3       | 1       | 0.49  | 94.2      | 6.8542 | 2.9962 |
| 2009 | 6     | 25  | 1    | 6      | 26     | 0.3       | 1       | 0.51  | 82.2      | 6.8542 | 3.0561 |
| 2009 | 6     | 25  | 1    | 16     | 26     | 0.3       | 1       | 0.56  | 86        | 6.8542 | 3.3957 |
| 2009 | 6     | 25  | 1    | 26     | 26     | 0.3       | 1       | 0.48  | 92.8      | 6.8542 | 2.8963 |
| 2009 | 6     | 25  | 1    | 36     | 26     | 0.3       | 1       | 0.48  | 87.3      | 6.8542 | 2.9363 |
| 2009 | 6     | 25  | 1    | 46     | 26     | 0.3       | 1       | 0.45  | 94.6      | 6.8542 | 2.7565 |
| 2009 | 6     | 25  | 1    | 56     | 26     | 0.3       | 1       | 0.46  | 88.8      | 6.8542 | 2.8164 |
| 2009 | 6     | 25  | 2    | 6      | 26     | 0.3       | 1       | 0.47  | 96        | 6.8542 | 2.8364 |
| 2009 | 6     | 25  | 2    | 16     | 26     | 0.3       | 1       | 0.44  | 90.8      | 6.8542 | 2.6966 |
| 2009 | 6     | 25  | 2    | 26     | 26     | 0.3       | 1       | 0.47  | 89.2      | 6.8542 | 2.8364 |
| 2009 | 6     | 25  | 2    | 36     | 26     | 0.3       | 1       | 0.54  | 87.9      | 6.8349 | 3.2659 |
| 2009 | 6     | 25  | 2    | 46     | 26     | 0.3       | 1       | 0.51  | 92.2      | 6.8349 | 3.1066 |
| 2009 | 6     | 25  | 2    | 56     | 26     | 0.3       | 1       | 0.47  | 93.6      | 6.8542 | 2.8764 |
| 2009 | 6     | 25  | 3    | 6      | 26     | 0.3       | 1       | 0.56  | 81.5      | 6.8349 | 3.3456 |
| 2009 | 6     | 25  | 3    | 16     | 26     | 0.3       | 1       | 0.44  | 90.9      | 6.8349 | 2.6486 |
| 2009 | 6     | 25  | 3    | 26     | 26     | 0.3       | 1       | 0.52  | 99.9      | 6.8349 | 3.0867 |
| 2009 | 6     | 25  | 3    | 36     | 26     | 0.3       | 1       | 0.49  | 101.1     | 6.8349 | 2.9473 |
| 2009 | 6     | 25  | 3    | 46     | 26     | 0.3       | 1       | 0.41  | 88.2      | 6.8349 | 2.5092 |
| 2009 | 6     | 25  | 3    | 56     | 26     | 0.3       | 1       | 0.48  | 96.7      | 6.8349 | 2.8876 |
| 2009 | 6     | 25  | 4    | 6      | 26     | 0.3       | 1       | 0.49  | 102       | 6.8349 | 2.9075 |
| 2009 | 6     | 25  | 4    | 16     | 26     | 0.3       | 1       | 0.44  | 95.6      | 6.8542 | 2.6367 |
| 2009 | 6     | 25  | 4    | 26     | 26     | 0.3       | 1       | 0.5   | 90        | 6.8349 | 3.0469 |
| 2009 | 6     | 25  | 4    | 36     | 26     | 0.3       | 1       | 0.49  | 94.6      | 6.8349 | 2.9474 |
| 2009 | 6     | 25  | 4    | 46     | 26     | 0.3       | 1       | 0.53  | 91.4      | 6.8349 | 3.1863 |
| 2009 | 6     | 25  | 4    | 56     | 26     | 0.3       | 1       | 0.51  | 93.7      | 6.8349 | 3.0669 |
| 2009 | 6     | 25  | 5    | 6      | 26     | 0.3       | 1       | 0.52  | 92.2      | 6.8349 | 3.1266 |
| 2009 | 6     | 25  | 5    | 16     | 26     | 0.3       | 1       | 0.51  | 95.9      | 6.8349 | 3.0669 |
| 2009 | 6     | 25  | 5    | 26     | 26     | 0.3       | 1       | 0.54  | 89        | 6.8349 | 3.266  |
| 2009 | 6     | 25  | 5    | 36     | 26     | 0.3       | 1       | 0.5   | 90        | 6.8349 | 3.047  |
| 2009 | 6     | 25  | 5    | 46     | 26     | 0.3       | 1       | 0.47  | 82.4      | 6.8349 | 2.8478 |
| 2009 | 6     | 25  | 5    | 56     | 26     | 0.3       | 1       | 0.54  | 90.3      | 6.8349 | 3.266  |
| 2009 | 6     | 25  | 6    | 6      | 26     | 0.3       | 1       | 0.47  | 92        | 6.8349 | 2.8677 |
| 2009 | 6     | 25  | 6    | 16     | 26     | 0.3       | 1       | 0.51  | 89.3      | 6.8349 | 3.1067 |
| 2009 | 6     | 25  | 6    | 26     | 26     | 0.3       | 1       | 0.56  | 88.7      | 6.8349 | 3.4054 |
| 2009 | 6     | 25  | 6    | 36     | 26     | 0.3       | 1       | 0.49  | 91.9      | 6.8349 | 2.9872 |
| 2009 | 6     | 25  | 6    | 46     | 26     | 0.3       | 1       | 0.49  | 97.7      | 6.8349 | 2.9474 |
| 2009 | 6     | 25  | 6    | 56     | 26     | 0.3       | 1       | 0.5   | 87.7      | 6.8349 | 3.0271 |
| 2009 | 6     | 25  | 7    | 6      | 26     | 0.3       | 1       | 0.47  | 89.6      | 6.8349 | 2.8279 |
| 2009 | 6     | 25  | 7    | 16     | 26     | 0.3       | 1       | 0.52  | 88.9      | 6.8349 | 3.1266 |
| 2009 | 6     | 25  | 7    | 26     | 26     | 0.3       | 1       | 0.52  | 83.5      | 6.8349 | 3.1266 |
| 2009 | 6     | 25  | 7    | 36     | 26     | 0.3       | 1       | 0.48  | 97.8      | 6.8349 | 2.9075 |
| 2009 | 6     | 25  | 7    | 46     | 26     | 0.3       | 1       | 0.57  | 81.4      | 6.8349 | 3.4054 |
| 2009 | 6     | 25  | 7    | 56     | 26     | 0.3       | 1       | 0.48  | 79.5      | 6.8349 | 2.8876 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 25  | 8    | 6      | 26     | 0.3       | 1       | 0.42  | 86.9      | 6.8349 | 2.5491 |
| 2009 | 6     | 25  | 8    | 16     | 26     | 0.3       | 1       | 0.49  | 84.6      | 6.8349 | 2.9473 |
| 2009 | 6     | 25  | 8    | 26     | 26     | 0.3       | 1       | 0.48  | 90        | 6.8349 | 2.9274 |
| 2009 | 6     | 25  | 8    | 36     | 26     | 0.3       | 1       | 0.56  | 91.7      | 6.8349 | 3.4253 |
| 2009 | 6     | 25  | 8    | 46     | 26     | 0.3       | 1       | 0.52  | 87.1      | 6.8349 | 3.1664 |
| 2009 | 6     | 25  | 8    | 56     | 26     | 0.3       | 1       | 0.51  | 77.8      | 6.8349 | 3.0469 |
| 2009 | 6     | 25  | 9    | 6      | 26     | 0.3       | 1       | 0.45  | 84.2      | 6.8349 | 2.7282 |
| 2009 | 6     | 25  | 9    | 16     | 26     | 0.3       | 1       | 0.52  | 81.6      | 6.8349 | 3.1066 |
| 2009 | 6     | 25  | 9    | 26     | 26     | 0.3       | 1       | 0.47  | 89.2      | 6.8349 | 2.8278 |
| 2009 | 6     | 25  | 9    | 36     | 26     | 0.3       | 1       | 0.52  | 86        | 6.8349 | 3.1464 |
| 2009 | 6     | 25  | 9    | 46     | 26     | 0.3       | 1       | 0.56  | 87        | 6.8542 | 3.3756 |
| 2009 | 6     | 25  | 9    | 56     | 26     | 0.3       | 1       | 0.53  | 81.4      | 6.8542 | 3.1758 |
| 2009 | 6     | 25  | 10   | 6      | 26     | 0.3       | 1       | 0.45  | 86.7      | 6.8542 | 2.7564 |
| 2009 | 6     | 25  | 10   | 16     | 26     | 0.3       | 1       | 0.5   | 84.8      | 6.8542 | 3.056  |
| 2009 | 6     | 25  | 10   | 26     | 26     | 0.3       | 1       | 0.43  | 90        | 6.8542 | 2.6165 |
| 2009 | 6     | 25  | 10   | 36     | 26     | 0.3       | 1       | 0.47  | 82.4      | 6.8542 | 2.8562 |
| 2009 | 6     | 25  | 10   | 46     | 26     | 0.3       | 1       | 0.43  | 80.8      | 6.8542 | 2.5965 |
| 2009 | 6     | 25  | 10   | 56     | 26     | 0.3       | 1       | 0.48  | 88        | 6.8542 | 2.8961 |
| 2009 | 6     | 25  | 11   | 6      | 26     | 0.3       | 1       | 0.51  | 81.5      | 6.8542 | 3.0759 |
| 2009 | 6     | 25  | 11   | 16     | 26     | 0.3       | 1       | 0.46  | 91.6      | 6.8542 | 2.8162 |
| 2009 | 6     | 25  | 11   | 26     | 26     | 0.3       | 1       | 0.47  | 80        | 6.8542 | 2.8362 |
| 2009 | 6     | 25  | 11   | 36     | 26     | 0.3       | 1       | 0.5   | 85.1      | 6.8542 | 3.0159 |
| 2009 | 6     | 25  | 11   | 46     | 26     | 0.3       | 1       | 0.5   | 79.5      | 6.8542 | 3.0159 |
| 2009 | 6     | 25  | 11   | 56     | 26     | 0.3       | 1       | 0.48  | 84.9      | 6.8542 | 2.936  |
| 2009 | 6     | 25  | 12   | 6      | 26     | 0.3       | 1       | 0.48  | 77.3      | 6.8542 | 2.8361 |
| 2009 | 6     | 25  | 12   | 16     | 26     | 0.3       | 1       | 0.4   | 79.7      | 6.8542 | 2.4167 |
| 2009 | 6     | 25  | 12   | 26     | 26     | 0.3       | 1       | 0.52  | 82.1      | 6.8542 | 3.1556 |
| 2009 | 6     | 25  | 12   | 36     | 26     | 0.3       | 1       | 0.47  | 83.6      | 6.8542 | 2.8561 |
| 2009 | 6     | 25  | 12   | 46     | 26     | 0.3       | 1       | 0.51  | 72.7      | 6.8542 | 2.9559 |
| 2009 | 6     | 25  | 12   | 56     | 26     | 0.3       | 1       | 0.54  | 81.6      | 6.8542 | 3.2355 |
| 2009 | 6     | 25  | 13   | 6      | 26     | 0.3       | 1       | 0.44  | 84.9      | 6.8542 | 2.6962 |
| 2009 | 6     | 25  | 13   | 16     | 26     | 0.3       | 1       | 0.41  | 71.9      | 6.8349 | 2.3695 |
| 2009 | 6     | 25  | 13   | 26     | 26     | 0.3       | 1       | 0.46  | 90        | 6.8542 | 2.8161 |
| 2009 | 6     | 25  | 13   | 36     | 26     | 0.3       | 1       | 0.56  | 96        | 6.8542 | 3.3952 |
| 2009 | 6     | 25  | 13   | 46     | 26     | 0.3       | 1       | 0.52  | 76.6      | 6.8542 | 3.0957 |
| 2009 | 6     | 25  | 13   | 56     | 26     | 0.3       | 1       | 0.49  | 74.4      | 6.8542 | 2.856  |
| 2009 | 6     | 25  | 14   | 6      | 26     | 0.3       | 1       | 0.5   | 77.1      | 6.8542 | 2.9758 |
| 2009 | 6     | 25  | 14   | 16     | 26     | 0.3       | 1       | 0.51  | 77.8      | 6.8542 | 3.0557 |
| 2009 | 6     | 25  | 14   | 26     | 26     | 0.3       | 1       | 0.44  | 77.9      | 6.8736 | 2.6242 |
| 2009 | 6     | 25  | 14   | 36     | 26     | 0.3       | 1       | 0.56  | 72.7      | 6.8736 | 3.2853 |
| 2009 | 6     | 25  | 14   | 46     | 26     | 0.3       | 1       | 0.56  | 68.1      | 6.8736 | 3.1451 |
| 2009 | 6     | 25  | 14   | 56     | 26     | 0.3       | 1       | 0.54  | 72.4      | 6.8736 | 3.1651 |
| 2009 | 6     | 25  | 15   | 6      | 26     | 0.3       | 1       | 0.48  | 63.3      | 6.8736 | 2.6242 |
| 2009 | 6     | 25  | 15   | 16     | 26     | 0.3       | 1       | 0.51  | 75.8      | 6.8736 | 3.0049 |
| 2009 | 6     | 25  | 15   | 26     | 26     | 0.3       | 1       | 0.48  | 70.7      | 6.8736 | 2.7444 |
| 2009 | 6     | 25  | 15   | 36     | 26     | 0.3       | 1       | 0.47  | 59.7      | 6.8736 | 2.504  |
| 2009 | 6     | 25  | 15   | 46     | 26     | 0.3       | 1       | 0.59  | 77.5      | 6.8929 | 3.5363 |
| 2009 | 6     | 25  | 15   | 56     | 26     | 0.3       | 1       | 0.49  | 65.7      | 6.8929 | 2.7527 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 25  | 16   | 6      | 26     | 0.3       | 1       | 0.59  | 64.4      | 6.8736 | 3.2252 |
| 2009 | 6     | 25  | 16   | 16     | 26     | 0.3       | 1       | 0.52  | 72.7      | 6.8929 | 3.034  |
| 2009 | 6     | 25  | 16   | 26     | 26     | 0.3       | 1       | 0.5   | 55.3      | 6.8736 | 2.484  |
| 2009 | 6     | 25  | 16   | 36     | 26     | 0.3       | 1       | 0.53  | 62.3      | 6.8929 | 2.8733 |
| 2009 | 6     | 25  | 16   | 46     | 26     | 0.3       | 1       | 0.57  | 60.9      | 6.8736 | 3.065  |
| 2009 | 6     | 25  | 16   | 56     | 26     | 0.3       | 1       | 0.56  | 54.3      | 6.8929 | 2.7728 |
| 2009 | 6     | 25  | 17   | 6      | 26     | 0.3       | 1       | 0.55  | 54.3      | 6.8736 | 2.7044 |
| 2009 | 6     | 25  | 17   | 16     | 26     | 0.3       | 1       | 0.49  | 65.5      | 6.8929 | 2.7327 |
| 2009 | 6     | 25  | 17   | 26     | 26     | 0.3       | 1       | 0.53  | 70.3      | 6.8929 | 3.0341 |
| 2009 | 6     | 25  | 17   | 36     | 26     | 0.3       | 1       | 0.49  | 60.9      | 6.8736 | 2.6243 |
| 2009 | 6     | 25  | 17   | 46     | 26     | 0.3       | 1       | 0.52  | 67.8      | 6.8929 | 2.9537 |
| 2009 | 6     | 25  | 17   | 56     | 26     | 0.3       | 1       | 0.47  | 68.5      | 6.8736 | 2.6444 |
| 2009 | 6     | 25  | 18   | 6      | 26     | 0.3       | 1       | 0.48  | 72.3      | 6.8929 | 2.7729 |
| 2009 | 6     | 25  | 18   | 16     | 26     | 0.3       | 1       | 0.49  | 72.2      | 6.8736 | 2.8648 |
| 2009 | 6     | 25  | 18   | 26     | 26     | 0.3       | 1       | 0.55  | 74.1      | 6.8736 | 3.2454 |
| 2009 | 6     | 25  | 18   | 36     | 26     | 0.3       | 1       | 0.52  | 77.4      | 6.8736 | 3.1252 |
| 2009 | 6     | 25  | 18   | 46     | 26     | 0.3       | 1       | 0.51  | 74.7      | 6.8736 | 3.005  |
| 2009 | 6     | 25  | 18   | 56     | 26     | 0.3       | 1       | 0.51  | 83        | 6.8736 | 3.1052 |
| 2009 | 6     | 25  | 19   | 6      | 26     | 0.3       | 1       | 0.5   | 73.7      | 6.8736 | 2.9449 |
| 2009 | 6     | 25  | 19   | 16     | 26     | 0.3       | 1       | 0.49  | 79.9      | 6.8736 | 2.9249 |
| 2009 | 6     | 25  | 19   | 26     | 26     | 0.3       | 1       | 0.52  | 78.3      | 6.8736 | 3.1052 |
| 2009 | 6     | 25  | 19   | 36     | 26     | 0.3       | 1       | 0.53  | 76.8      | 6.8736 | 3.1653 |
| 2009 | 6     | 25  | 19   | 46     | 26     | 0.3       | 1       | 0.6   | 90.3      | 6.8736 | 3.6462 |
| 2009 | 6     | 25  | 19   | 56     | 26     | 0.3       | 1       | 0.47  | 86.4      | 6.8736 | 2.8648 |
| 2009 | 6     | 25  | 20   | 6      | 26     | 0.3       | 1       | 0.5   | 78.2      | 6.8929 | 2.9941 |
| 2009 | 6     | 25  | 20   | 16     | 26     | 0.3       | 1       | 0.52  | 86        | 6.8736 | 3.1453 |
| 2009 | 6     | 25  | 20   | 26     | 26     | 0.3       | 1       | 0.51  | 85.2      | 6.8736 | 3.1052 |
| 2009 | 6     | 25  | 20   | 36     | 26     | 0.3       | 1       | 0.45  | 96.3      | 6.8929 | 2.7127 |
| 2009 | 6     | 25  | 20   | 46     | 26     | 0.3       | 1       | 0.58  | 74.5      | 6.8929 | 3.416  |
| 2009 | 6     | 25  | 20   | 56     | 26     | 0.3       | 1       | 0.51  | 85.2      | 6.8929 | 3.1146 |
| 2009 | 6     | 25  | 21   | 6      | 26     | 0.3       | 1       | 0.51  | 88.5      | 6.8929 | 3.0945 |
| 2009 | 6     | 25  | 21   | 16     | 26     | 0.3       | 1       | 0.55  | 80.3      | 6.8929 | 3.2955 |
| 2009 | 6     | 25  | 21   | 26     | 26     | 0.3       | 1       | 0.46  | 87.5      | 6.8929 | 2.8132 |
| 2009 | 6     | 25  | 21   | 36     | 26     | 0.3       | 1       | 0.51  | 84.1      | 6.8929 | 3.1146 |
| 2009 | 6     | 25  | 21   | 46     | 26     | 0.3       | 1       | 0.51  | 88.5      | 6.8929 | 3.0945 |
| 2009 | 6     | 25  | 21   | 56     | 26     | 0.3       | 1       | 0.56  | 89.7      | 6.8736 | 3.4459 |
| 2009 | 6     | 25  | 22   | 6      | 26     | 0.3       | 1       | 0.47  | 73.1      | 6.8736 | 2.7647 |
| 2009 | 6     | 25  | 22   | 16     | 26     | 0.3       | 1       | 0.52  | 85.7      | 6.8929 | 3.195  |
| 2009 | 6     | 25  | 22   | 26     | 26     | 0.3       | 1       | 0.56  | 72.8      | 6.8736 | 3.2455 |
| 2009 | 6     | 25  | 22   | 36     | 26     | 0.3       | 1       | 0.64  | 79.7      | 6.8929 | 3.8582 |
| 2009 | 6     | 25  | 22   | 46     | 26     | 0.3       | 1       | 0.62  | 80.5      | 6.8929 | 3.7175 |
| 2009 | 6     | 25  | 22   | 56     | 26     | 0.3       | 1       | 0.56  | 84.9      | 6.8929 | 3.396  |
| 2009 | 6     | 25  | 23   | 6      | 26     | 0.3       | 1       | 0.55  | 78.2      | 6.8929 | 3.2754 |
| 2009 | 6     | 25  | 23   | 16     | 26     | 0.3       | 1       | 0.52  | 89.6      | 6.8929 | 3.175  |
| 2009 | 6     | 25  | 23   | 26     | 26     | 0.3       | 1       | 0.53  | 83.2      | 6.9123 | 3.2047 |
| 2009 | 6     | 25  | 23   | 36     | 26     | 0.3       | 1       | 0.57  | 81.4      | 6.9123 | 3.4466 |
| 2009 | 6     | 25  | 23   | 46     | 26     | 0.3       | 1       | 0.62  | 83        | 6.9123 | 3.7691 |
| 2009 | 6     | 25  | 23   | 56     | 26     | 0.3       | 1       | 0.49  | 80.3      | 6.951  | 2.9806 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 26  | 0    | 6      | 26     | 0.3       | 1       | 0.57  | 82.1      | 6.9316 | 3.4772 |
| 2009 | 6     | 26  | 0    | 16     | 26     | 0.3       | 1       | 0.6   | 84.7      | 6.9316 | 3.6793 |
| 2009 | 6     | 26  | 0    | 26     | 26     | 0.3       | 1       | 0.56  | 90        | 6.9316 | 3.457  |
| 2009 | 6     | 26  | 0    | 36     | 26     | 0.3       | 1       | 0.57  | 75.4      | 6.9316 | 3.4165 |
| 2009 | 6     | 26  | 0    | 46     | 26     | 0.3       | 1       | 0.52  | 93.3      | 6.951  | 3.1834 |
| 2009 | 6     | 26  | 0    | 56     | 26     | 0.3       | 1       | 0.47  | 83.9      | 6.951  | 2.859  |
| 2009 | 6     | 26  | 1    | 6      | 26     | 0.3       | 1       | 0.47  | 90.4      | 6.9316 | 2.8909 |
| 2009 | 6     | 26  | 1    | 16     | 26     | 0.3       | 1       | 0.51  | 88.5      | 6.951  | 3.1429 |
| 2009 | 6     | 26  | 1    | 26     | 26     | 0.3       | 1       | 0.56  | 85.9      | 6.951  | 3.4268 |
| 2009 | 6     | 26  | 1    | 36     | 26     | 0.3       | 1       | 0.53  | 85        | 6.951  | 3.2443 |
| 2009 | 6     | 26  | 1    | 46     | 26     | 0.3       | 1       | 0.53  | 88.2      | 6.951  | 3.2849 |
| 2009 | 6     | 26  | 1    | 56     | 26     | 0.3       | 1       | 0.49  | 91.5      | 6.9316 | 3.0325 |
| 2009 | 6     | 26  | 2    | 6      | 26     | 0.3       | 1       | 0.57  | 91        | 6.9316 | 3.4975 |
| 2009 | 6     | 26  | 2    | 16     | 26     | 0.3       | 1       | 0.56  | 90        | 6.951  | 3.4877 |
| 2009 | 6     | 26  | 2    | 26     | 26     | 0.3       | 1       | 0.5   | 94.9      | 6.951  | 3.1024 |
| 2009 | 6     | 26  | 2    | 36     | 26     | 0.3       | 1       | 0.57  | 90        | 6.9704 | 3.5387 |
| 2009 | 6     | 26  | 2    | 46     | 26     | 0.3       | 1       | 0.51  | 92.2      | 6.951  | 3.1227 |
| 2009 | 6     | 26  | 2    | 56     | 26     | 0.3       | 1       | 0.5   | 83.2      | 6.951  | 3.0619 |
| 2009 | 6     | 26  | 3    | 6      | 26     | 0.3       | 1       | 0.49  | 80        | 6.9704 | 3.01   |
| 2009 | 6     | 26  | 3    | 16     | 26     | 0.3       | 1       | 0.52  | 91.5      | 6.9704 | 3.2134 |
| 2009 | 6     | 26  | 3    | 26     | 26     | 0.3       | 1       | 0.54  | 85.5      | 6.951  | 3.3255 |
| 2009 | 6     | 26  | 3    | 36     | 26     | 0.3       | 1       | 0.43  | 85.2      | 6.951  | 2.6766 |
| 2009 | 6     | 26  | 3    | 46     | 26     | 0.3       | 1       | 0.48  | 80.6      | 6.951  | 2.9402 |
| 2009 | 6     | 26  | 3    | 56     | 26     | 0.3       | 1       | 0.54  | 83        | 6.951  | 3.2849 |
| 2009 | 6     | 26  | 4    | 6      | 26     | 0.3       | 1       | 0.53  | 88.6      | 6.951  | 3.3052 |
| 2009 | 6     | 26  | 4    | 16     | 26     | 0.3       | 1       | 0.55  | 91.7      | 6.951  | 3.3863 |
| 2009 | 6     | 26  | 4    | 26     | 26     | 0.3       | 1       | 0.54  | 83        | 6.951  | 3.3052 |
| 2009 | 6     | 26  | 4    | 36     | 26     | 0.3       | 1       | 0.55  | 87.6      | 6.9316 | 3.3762 |
| 2009 | 6     | 26  | 4    | 46     | 26     | 0.3       | 1       | 0.49  | 85.8      | 6.951  | 3.0213 |
| 2009 | 6     | 26  | 4    | 56     | 26     | 0.3       | 1       | 0.58  | 78.8      | 6.951  | 3.4877 |
| 2009 | 6     | 26  | 5    | 6      | 26     | 0.3       | 1       | 0.54  | 91.4      | 6.951  | 3.3458 |
| 2009 | 6     | 26  | 5    | 16     | 26     | 0.3       | 1       | 0.49  | 86.5      | 6.951  | 3.0011 |
| 2009 | 6     | 26  | 5    | 26     | 26     | 0.3       | 1       | 0.53  | 86.8      | 6.951  | 3.2444 |
| 2009 | 6     | 26  | 5    | 36     | 26     | 0.3       | 1       | 0.56  | 91.7      | 6.951  | 3.4675 |
| 2009 | 6     | 26  | 5    | 46     | 26     | 0.3       | 1       | 0.51  | 90.4      | 6.951  | 3.1633 |
| 2009 | 6     | 26  | 5    | 56     | 26     | 0.3       | 1       | 0.46  | 86.8      | 6.951  | 2.8591 |
| 2009 | 6     | 26  | 6    | 6      | 26     | 0.3       | 1       | 0.52  | 90.7      | 6.951  | 3.2444 |
| 2009 | 6     | 26  | 6    | 16     | 26     | 0.3       | 1       | 0.48  | 86.5      | 6.951  | 2.9605 |
| 2009 | 6     | 26  | 6    | 26     | 26     | 0.3       | 1       | 0.48  | 94.3      | 6.951  | 2.9605 |
| 2009 | 6     | 26  | 6    | 36     | 26     | 0.3       | 1       | 0.48  | 92        | 6.9704 | 2.9694 |
| 2009 | 6     | 26  | 6    | 46     | 26     | 0.3       | 1       | 0.46  | 84.7      | 6.951  | 2.8591 |
| 2009 | 6     | 26  | 6    | 56     | 26     | 0.3       | 1       | 0.31  | 86.3      | 6.951  | 1.9061 |
| 2009 | 6     | 26  | 7    | 6      | 26     | 0.3       | 1       | 0.45  | 88.3      | 6.951  | 2.7983 |
| 2009 | 6     | 26  | 7    | 16     | 26     | 0.3       | 1       | 0.54  | 95.6      | 6.951  | 3.3255 |
| 2009 | 6     | 26  | 7    | 26     | 26     | 0.3       | 1       | 0.56  | 82.9      | 6.951  | 3.4066 |
| 2009 | 6     | 26  | 7    | 36     | 26     | 0.3       | 1       | 0.45  | 82        | 6.951  | 2.7375 |
| 2009 | 6     | 26  | 7    | 46     | 26     | 0.3       | 1       | 0.48  | 92.4      | 6.951  | 2.9605 |
| 2009 | 6     | 26  | 7    | 56     | 26     | 0.3       | 1       | 0.5   | 91.1      | 6.951  | 3.0619 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 26  | 8    | 6      | 26     | 0.3       | 1       | 0.41  | 85        | 6.951  | 2.5549 |
| 2009 | 6     | 26  | 8    | 16     | 26     | 0.3       | 1       | 0.51  | 85.2      | 6.951  | 3.1227 |
| 2009 | 6     | 26  | 8    | 26     | 26     | 0.3       | 1       | 0.49  | 93.5      | 6.951  | 3.001  |
| 2009 | 6     | 26  | 8    | 36     | 26     | 0.3       | 1       | 0.5   | 83.2      | 6.951  | 3.0619 |
| 2009 | 6     | 26  | 8    | 46     | 26     | 0.3       | 1       | 0.51  | 77.8      | 6.9316 | 3.0931 |
| 2009 | 6     | 26  | 8    | 56     | 26     | 0.3       | 1       | 0.48  | 81.4      | 6.9316 | 2.9314 |
| 2009 | 6     | 26  | 9    | 6      | 26     | 0.3       | 1       | 0.57  | 86.7      | 6.9316 | 3.5176 |
| 2009 | 6     | 26  | 9    | 16     | 26     | 0.3       | 1       | 0.4   | 84.3      | 6.9316 | 2.4259 |
| 2009 | 6     | 26  | 9    | 26     | 26     | 0.3       | 1       | 0.52  | 86.7      | 6.9123 | 3.1644 |
| 2009 | 6     | 26  | 9    | 36     | 26     | 0.3       | 1       | 0.45  | 81.2      | 6.9123 | 2.7411 |
| 2009 | 6     | 26  | 9    | 46     | 26     | 0.3       | 1       | 0.47  | 79.6      | 6.9123 | 2.8419 |
| 2009 | 6     | 26  | 9    | 56     | 26     | 0.3       | 1       | 0.47  | 82        | 6.9123 | 2.862  |
| 2009 | 6     | 26  | 10   | 6      | 26     | 0.3       | 1       | 0.51  | 85.6      | 6.9123 | 3.1442 |
| 2009 | 6     | 26  | 10   | 16     | 26     | 0.3       | 1       | 0.39  | 82.3      | 6.9123 | 2.3985 |
| 2009 | 6     | 26  | 10   | 26     | 26     | 0.3       | 1       | 0.47  | 77        | 6.9123 | 2.8015 |
| 2009 | 6     | 26  | 10   | 36     | 26     | 0.3       | 1       | 0.53  | 81.5      | 6.9123 | 3.2449 |
| 2009 | 6     | 26  | 10   | 46     | 26     | 0.3       | 1       | 0.47  | 75        | 6.8929 | 2.773  |
| 2009 | 6     | 26  | 10   | 56     | 26     | 0.3       | 1       | 0.45  | 76.5      | 6.8929 | 2.6725 |
| 2009 | 6     | 26  | 11   | 6      | 26     | 0.3       | 1       | 0.46  | 76.8      | 6.9123 | 2.741  |
| 2009 | 6     | 26  | 11   | 16     | 26     | 0.3       | 1       | 0.48  | 88        | 6.8929 | 2.9337 |
| 2009 | 6     | 26  | 11   | 26     | 26     | 0.3       | 1       | 0.52  | 79.4      | 6.9123 | 3.1239 |
| 2009 | 6     | 26  | 11   | 36     | 26     | 0.3       | 1       | 0.5   | 88.1      | 6.9123 | 3.0836 |
| 2009 | 6     | 26  | 11   | 46     | 26     | 0.3       | 1       | 0.52  | 79.4      | 6.8929 | 3.1145 |
| 2009 | 6     | 26  | 11   | 56     | 26     | 0.3       | 1       | 0.54  | 77.7      | 6.8929 | 3.2351 |
| 2009 | 6     | 26  | 12   | 6      | 26     | 0.3       | 1       | 0.45  | 70.9      | 6.9123 | 2.62   |
| 2009 | 6     | 26  | 12   | 16     | 26     | 0.3       | 1       | 0.47  | 72.8      | 6.8929 | 2.7327 |
| 2009 | 6     | 26  | 12   | 26     | 26     | 0.3       | 1       | 0.46  | 77.6      | 6.8929 | 2.7528 |
| 2009 | 6     | 26  | 12   | 36     | 26     | 0.3       | 1       | 0.46  | 85.5      | 6.8929 | 2.793  |
| 2009 | 6     | 26  | 12   | 46     | 26     | 0.3       | 1       | 0.5   | 90.8      | 6.8929 | 3.0542 |
| 2009 | 6     | 26  | 12   | 56     | 26     | 0.3       | 1       | 0.51  | 78.5      | 6.8929 | 3.0542 |
| 2009 | 6     | 26  | 13   | 6      | 26     | 0.3       | 1       | 0.44  | 84.4      | 6.8929 | 2.6523 |
| 2009 | 6     | 26  | 13   | 16     | 26     | 0.3       | 1       | 0.48  | 74.8      | 6.8929 | 2.813  |
| 2009 | 6     | 26  | 13   | 26     | 26     | 0.3       | 1       | 0.49  | 74.8      | 6.8929 | 2.8934 |
| 2009 | 6     | 26  | 13   | 36     | 26     | 0.3       | 1       | 0.47  | 76.6      | 6.8929 | 2.7929 |
| 2009 | 6     | 26  | 13   | 46     | 26     | 0.3       | 1       | 0.49  | 65.7      | 6.8929 | 2.7527 |
| 2009 | 6     | 26  | 13   | 56     | 26     | 0.3       | 1       | 0.44  | 75.5      | 6.8929 | 2.6322 |
| 2009 | 6     | 26  | 14   | 6      | 26     | 0.3       | 1       | 0.5   | 70.4      | 6.8929 | 2.8733 |
| 2009 | 6     | 26  | 14   | 16     | 26     | 0.3       | 1       | 0.48  | 84.1      | 6.8929 | 2.9134 |
| 2009 | 6     | 26  | 14   | 26     | 26     | 0.3       | 1       | 0.55  | 79.7      | 6.8929 | 3.3153 |
| 2009 | 6     | 26  | 14   | 36     | 26     | 0.3       | 1       | 0.44  | 73.7      | 6.8929 | 2.612  |
| 2009 | 6     | 26  | 14   | 46     | 26     | 0.3       | 1       | 0.53  | 80.3      | 6.8929 | 3.1746 |
| 2009 | 6     | 26  | 14   | 56     | 26     | 0.3       | 1       | 0.46  | 85.5      | 6.8929 | 2.813  |
| 2009 | 6     | 26  | 15   | 6      | 26     | 0.3       | 1       | 0.45  | 75.8      | 6.8929 | 2.6924 |
| 2009 | 6     | 26  | 15   | 16     | 26     | 0.3       | 1       | 0.43  | 70.5      | 6.8929 | 2.4915 |
| 2009 | 6     | 26  | 15   | 26     | 26     | 0.3       | 1       | 0.47  | 78.3      | 6.8929 | 2.8129 |
| 2009 | 6     | 26  | 15   | 36     | 26     | 0.3       | 1       | 0.51  | 68.1      | 6.8929 | 2.8933 |
| 2009 | 6     | 26  | 15   | 46     | 26     | 0.3       | 1       | 0.42  | 79.3      | 6.8929 | 2.5517 |
| 2009 | 6     | 26  | 15   | 56     | 26     | 0.3       | 1       | 0.47  | 77.1      | 6.8929 | 2.8129 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 26  | 16   | 6      | 26     | 0.3       | 1       | 0.51  | 77.7      | 6.8929 | 3.034  |
| 2009 | 6     | 26  | 16   | 16     | 26     | 0.3       | 1       | 0.48  | 80.2      | 6.8929 | 2.9134 |
| 2009 | 6     | 26  | 16   | 26     | 26     | 0.3       | 1       | 0.5   | 79.4      | 6.8929 | 3.0139 |
| 2009 | 6     | 26  | 16   | 36     | 26     | 0.3       | 1       | 0.48  | 79.8      | 6.8929 | 2.8933 |
| 2009 | 6     | 26  | 16   | 46     | 26     | 0.3       | 1       | 0.43  | 76.8      | 6.8929 | 2.5718 |
| 2009 | 6     | 26  | 16   | 56     | 26     | 0.3       | 1       | 0.41  | 78        | 6.8929 | 2.4513 |
| 2009 | 6     | 26  | 17   | 6      | 26     | 0.3       | 1       | 0.45  | 79.6      | 6.8929 | 2.7326 |
| 2009 | 6     | 26  | 17   | 16     | 26     | 0.3       | 1       | 0.46  | 79.4      | 6.8929 | 2.7929 |
| 2009 | 6     | 26  | 17   | 26     | 26     | 0.3       | 1       | 0.42  | 79.3      | 6.8929 | 2.5518 |
| 2009 | 6     | 26  | 17   | 36     | 26     | 0.3       | 1       | 0.55  | 78.7      | 6.8929 | 3.3153 |
| 2009 | 6     | 26  | 17   | 46     | 26     | 0.3       | 1       | 0.48  | 73.6      | 6.8929 | 2.7929 |
| 2009 | 6     | 26  | 17   | 56     | 26     | 0.3       | 1       | 0.38  | 72.8      | 6.8929 | 2.2102 |
| 2009 | 6     | 26  | 18   | 6      | 26     | 0.3       | 1       | 0.45  | 76.2      | 6.8929 | 2.6924 |
| 2009 | 6     | 26  | 18   | 16     | 26     | 0.3       | 1       | 0.44  | 82.7      | 6.8929 | 2.6723 |
| 2009 | 6     | 26  | 18   | 26     | 26     | 0.3       | 1       | 0.41  | 75.3      | 6.8929 | 2.4513 |
| 2009 | 6     | 26  | 18   | 36     | 26     | 0.3       | 1       | 0.46  | 90        | 6.8929 | 2.7929 |
| 2009 | 6     | 26  | 18   | 46     | 26     | 0.3       | 1       | 0.42  | 81        | 6.8929 | 2.5317 |
| 2009 | 6     | 26  | 18   | 56     | 26     | 0.3       | 1       | 0.48  | 88        | 6.9123 | 2.9223 |
| 2009 | 6     | 26  | 19   | 6      | 26     | 0.3       | 1       | 0.35  | 92.2      | 6.9123 | 2.1363 |
| 2009 | 6     | 26  | 19   | 16     | 26     | 0.3       | 1       | 0.35  | 71.9      | 6.8929 | 2.0294 |
| 2009 | 6     | 26  | 19   | 26     | 26     | 0.3       | 1       | 0.4   | 82.5      | 6.9123 | 2.4587 |
| 2009 | 6     | 26  | 19   | 36     | 26     | 0.3       | 1       | 0.49  | 83.8      | 6.9123 | 2.9827 |
| 2009 | 6     | 26  | 19   | 46     | 26     | 0.3       | 1       | 0.43  | 80.4      | 6.9123 | 2.62   |
| 2009 | 6     | 26  | 19   | 56     | 26     | 0.3       | 1       | 0.51  | 83.7      | 6.9123 | 3.1037 |
| 2009 | 6     | 26  | 20   | 6      | 26     | 0.3       | 1       | 0.49  | 77.7      | 6.9123 | 2.9626 |
| 2009 | 6     | 26  | 20   | 16     | 26     | 0.3       | 1       | 0.5   | 90.4      | 6.9123 | 3.0835 |
| 2009 | 6     | 26  | 20   | 26     | 26     | 0.3       | 1       | 0.5   | 85.1      | 6.9123 | 3.0432 |
| 2009 | 6     | 26  | 20   | 36     | 26     | 0.3       | 1       | 0.45  | 87.9      | 6.9123 | 2.7611 |
| 2009 | 6     | 26  | 20   | 46     | 26     | 0.3       | 1       | 0.45  | 90        | 6.9123 | 2.7409 |
| 2009 | 6     | 26  | 20   | 56     | 26     | 0.3       | 1       | 0.41  | 82.6      | 6.9123 | 2.4991 |
| 2009 | 6     | 26  | 21   | 6      | 26     | 0.3       | 1       | 0.4   | 80.5      | 6.9316 | 2.4257 |
| 2009 | 6     | 26  | 21   | 16     | 26     | 0.3       | 1       | 0.42  | 83.7      | 6.9316 | 2.547  |
| 2009 | 6     | 26  | 21   | 26     | 26     | 0.3       | 1       | 0.54  | 92.1      | 6.9316 | 3.295  |
| 2009 | 6     | 26  | 21   | 36     | 26     | 0.3       | 1       | 0.48  | 86.1      | 6.9316 | 2.9513 |
| 2009 | 6     | 26  | 21   | 46     | 26     | 0.3       | 1       | 0.45  | 92.5      | 6.9316 | 2.7896 |
| 2009 | 6     | 26  | 21   | 56     | 26     | 0.3       | 1       | 0.4   | 83.9      | 6.9316 | 2.4662 |
| 2009 | 6     | 26  | 22   | 6      | 26     | 0.3       | 1       | 0.43  | 92.6      | 6.951  | 2.6358 |
| 2009 | 6     | 26  | 22   | 16     | 26     | 0.3       | 1       | 0.5   | 86.2      | 6.951  | 3.0616 |
| 2009 | 6     | 26  | 22   | 26     | 26     | 0.3       | 1       | 0.49  | 95        | 6.9704 | 3.03   |
| 2009 | 6     | 26  | 22   | 36     | 26     | 0.3       | 1       | 0.42  | 83.7      | 6.9897 | 2.5699 |
| 2009 | 6     | 26  | 22   | 46     | 26     | 0.3       | 1       | 0.41  | 79.9      | 6.9897 | 2.5088 |
| 2009 | 6     | 26  | 22   | 56     | 26     | 0.3       | 1       | 0.43  | 85.2      | 6.9897 | 2.6923 |
| 2009 | 6     | 26  | 23   | 6      | 26     | 0.3       | 1       | 0.4   | 86.3      | 6.9897 | 2.5088 |
| 2009 | 6     | 26  | 23   | 16     | 26     | 0.3       | 1       | 0.44  | 86.6      | 7.0091 | 2.7208 |
| 2009 | 6     | 26  | 23   | 26     | 26     | 0.3       | 1       | 0.45  | 90        | 7.0091 | 2.8231 |
| 2009 | 6     | 26  | 23   | 36     | 26     | 0.3       | 1       | 0.4   | 86.3      | 7.0091 | 2.5162 |
| 2009 | 6     | 26  | 23   | 46     | 26     | 0.3       | 1       | 0.46  | 93.7      | 7.0091 | 2.8845 |
| 2009 | 6     | 26  | 23   | 56     | 26     | 0.3       | 1       | 0.4   | 85.7      | 7.0091 | 2.4753 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 27  | 0    | 6      | 26     | 0.3       | 1       | 0.44  | 95.1      | 7.0091 | 2.7413 |
| 2009 | 6     | 27  | 0    | 16     | 26     | 0.3       | 1       | 0.43  | 87.4      | 7.0091 | 2.7004 |
| 2009 | 6     | 27  | 0    | 26     | 26     | 0.3       | 1       | 0.52  | 90.7      | 7.0091 | 3.2732 |
| 2009 | 6     | 27  | 0    | 36     | 26     | 0.3       | 1       | 0.47  | 98        | 7.0091 | 2.905  |
| 2009 | 6     | 27  | 0    | 46     | 26     | 0.3       | 1       | 0.41  | 90        | 7.0091 | 2.5776 |
| 2009 | 6     | 27  | 0    | 56     | 26     | 0.3       | 1       | 0.47  | 87.2      | 7.0091 | 2.9459 |
| 2009 | 6     | 27  | 1    | 6      | 26     | 0.3       | 1       | 0.37  | 89        | 7.0091 | 2.3322 |
| 2009 | 6     | 27  | 1    | 16     | 26     | 0.3       | 1       | 0.46  | 96.5      | 7.0091 | 2.8641 |
| 2009 | 6     | 27  | 1    | 26     | 26     | 0.3       | 1       | 0.5   | 87.3      | 7.0284 | 3.0982 |
| 2009 | 6     | 27  | 1    | 36     | 26     | 0.3       | 1       | 0.45  | 90        | 7.0091 | 2.8027 |
| 2009 | 6     | 27  | 1    | 46     | 26     | 0.3       | 1       | 0.44  | 96.4      | 7.0091 | 2.7209 |
| 2009 | 6     | 27  | 1    | 56     | 26     | 0.3       | 1       | 0.41  | 95        | 7.0091 | 2.5777 |
| 2009 | 6     | 27  | 2    | 6      | 26     | 0.3       | 1       | 0.42  | 99.5      | 7.0284 | 2.5648 |
| 2009 | 6     | 27  | 2    | 16     | 26     | 0.3       | 1       | 0.43  | 104.5     | 7.0284 | 2.6264 |
| 2009 | 6     | 27  | 2    | 26     | 26     | 0.3       | 1       | 0.43  | 89.6      | 7.0091 | 2.6595 |
| 2009 | 6     | 27  | 2    | 36     | 26     | 0.3       | 1       | 0.47  | 86.4      | 7.0284 | 2.9547 |
| 2009 | 6     | 27  | 2    | 46     | 26     | 0.3       | 1       | 0.46  | 85.5      | 7.0284 | 2.8726 |
| 2009 | 6     | 27  | 2    | 56     | 26     | 0.3       | 1       | 0.45  | 83.2      | 7.0091 | 2.7618 |
| 2009 | 6     | 27  | 3    | 6      | 26     | 0.3       | 1       | 0.39  | 91.5      | 7.0091 | 2.4141 |
| 2009 | 6     | 27  | 3    | 16     | 26     | 0.3       | 1       | 0.46  | 83.8      | 7.0284 | 2.8521 |
| 2009 | 6     | 27  | 3    | 26     | 26     | 0.3       | 1       | 0.49  | 87.7      | 7.0091 | 3.0278 |
| 2009 | 6     | 27  | 3    | 36     | 26     | 0.3       | 1       | 0.39  | 85.6      | 7.0284 | 2.4212 |
| 2009 | 6     | 27  | 3    | 46     | 26     | 0.3       | 1       | 0.54  | 96.3      | 7.0091 | 3.3347 |
| 2009 | 6     | 27  | 3    | 56     | 26     | 0.3       | 1       | 0.33  | 96.3      | 7.0091 | 2.0458 |
| 2009 | 6     | 27  | 4    | 6      | 26     | 0.3       | 1       | 0.44  | 86.2      | 7.0284 | 2.7495 |
| 2009 | 6     | 27  | 4    | 16     | 26     | 0.3       | 1       | 0.38  | 89        | 7.0284 | 2.3597 |
| 2009 | 6     | 27  | 4    | 26     | 26     | 0.3       | 1       | 0.37  | 89.5      | 7.0091 | 2.3323 |
| 2009 | 6     | 27  | 4    | 36     | 26     | 0.3       | 1       | 0.49  | 88.1      | 7.0284 | 3.0573 |
| 2009 | 6     | 27  | 4    | 46     | 26     | 0.3       | 1       | 0.4   | 94.2      | 7.0284 | 2.5033 |
| 2009 | 6     | 27  | 4    | 56     | 26     | 0.3       | 1       | 0.44  | 84.9      | 7.0284 | 2.7701 |
| 2009 | 6     | 27  | 5    | 6      | 26     | 0.3       | 1       | 0.43  | 90.9      | 7.0284 | 2.6675 |
| 2009 | 6     | 27  | 5    | 16     | 26     | 0.3       | 1       | 0.42  | 94.4      | 7.0091 | 2.6391 |
| 2009 | 6     | 27  | 5    | 26     | 26     | 0.3       | 1       | 0.42  | 83.2      | 7.0284 | 2.5854 |
| 2009 | 6     | 27  | 5    | 36     | 26     | 0.3       | 1       | 0.36  | 92.1      | 7.0091 | 2.2504 |
| 2009 | 6     | 27  | 5    | 46     | 26     | 0.3       | 1       | 0.47  | 95.2      | 7.0284 | 2.9342 |
| 2009 | 6     | 27  | 5    | 56     | 26     | 0.3       | 1       | 0.41  | 90        | 7.0284 | 2.5649 |
| 2009 | 6     | 27  | 6    | 6      | 26     | 0.3       | 1       | 0.45  | 92.5      | 7.0091 | 2.8233 |
| 2009 | 6     | 27  | 6    | 16     | 26     | 0.3       | 1       | 0.37  | 86.5      | 7.0091 | 2.3118 |
| 2009 | 6     | 27  | 6    | 26     | 26     | 0.3       | 1       | 0.43  | 87.8      | 7.0091 | 2.6596 |
| 2009 | 6     | 27  | 6    | 36     | 26     | 0.3       | 1       | 0.44  | 87.4      | 7.0091 | 2.7415 |
| 2009 | 6     | 27  | 6    | 46     | 26     | 0.3       | 1       | 0.35  | 94.9      | 7.0091 | 2.1686 |
| 2009 | 6     | 27  | 6    | 56     | 26     | 0.3       | 1       | 0.39  | 85.7      | 7.0091 | 2.4346 |
| 2009 | 6     | 27  | 7    | 6      | 26     | 0.3       | 1       | 0.41  | 88.2      | 7.0091 | 2.5573 |
| 2009 | 6     | 27  | 7    | 16     | 26     | 0.3       | 1       | 0.39  | 92.9      | 7.0284 | 2.4418 |
| 2009 | 6     | 27  | 7    | 26     | 26     | 0.3       | 1       | 0.45  | 90.8      | 7.0091 | 2.8028 |
| 2009 | 6     | 27  | 7    | 36     | 26     | 0.3       | 1       | 0.52  | 81.6      | 7.0091 | 3.1915 |
| 2009 | 6     | 27  | 7    | 46     | 26     | 0.3       | 1       | 0.45  | 98.8      | 7.0091 | 2.7619 |
| 2009 | 6     | 27  | 7    | 56     | 26     | 0.3       | 1       | 0.37  | 94        | 7.0091 | 2.3323 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 27  | 8    | 6      | 26     | 0.3       | 1       | 0.45  | 90        | 7.0091 | 2.8233 |
| 2009 | 6     | 27  | 8    | 16     | 26     | 0.3       | 1       | 0.37  | 82.3      | 7.0091 | 2.2709 |
| 2009 | 6     | 27  | 8    | 26     | 26     | 0.3       | 1       | 0.42  | 88.2      | 7.0091 | 2.6391 |
| 2009 | 6     | 27  | 8    | 36     | 26     | 0.3       | 1       | 0.39  | 79.4      | 7.0091 | 2.3936 |
| 2009 | 6     | 27  | 8    | 46     | 26     | 0.3       | 1       | 0.43  | 87.8      | 7.0091 | 2.68   |
| 2009 | 6     | 27  | 8    | 56     | 26     | 0.3       | 1       | 0.44  | 92.2      | 6.9897 | 2.7129 |
| 2009 | 6     | 27  | 9    | 6      | 26     | 0.3       | 1       | 0.34  | 92.2      | 6.9897 | 2.101  |
| 2009 | 6     | 27  | 9    | 16     | 26     | 0.3       | 1       | 0.44  | 87.8      | 7.0091 | 2.7209 |
| 2009 | 6     | 27  | 9    | 26     | 26     | 0.3       | 1       | 0.43  | 79.5      | 6.9897 | 2.6313 |
| 2009 | 6     | 27  | 9    | 36     | 26     | 0.3       | 1       | 0.43  | 85.2      | 6.9704 | 2.6438 |
| 2009 | 6     | 27  | 9    | 46     | 26     | 0.3       | 1       | 0.39  | 87.6      | 6.9704 | 2.3997 |
| 2009 | 6     | 27  | 9    | 56     | 26     | 0.3       | 1       | 0.38  | 85.5      | 6.9704 | 2.3184 |
| 2009 | 6     | 27  | 10   | 6      | 26     | 0.3       | 1       | 0.37  | 79.4      | 6.9704 | 2.2777 |
| 2009 | 6     | 27  | 10   | 16     | 26     | 0.3       | 1       | 0.38  | 82.1      | 6.951  | 2.352  |
| 2009 | 6     | 27  | 10   | 26     | 26     | 0.3       | 1       | 0.35  | 69        | 6.951  | 2.0073 |
| 2009 | 6     | 27  | 10   | 36     | 26     | 0.3       | 1       | 0.38  | 75.1      | 6.951  | 2.2912 |
| 2009 | 6     | 27  | 10   | 46     | 26     | 0.3       | 1       | 0.41  | 83.1      | 6.951  | 2.5142 |
| 2009 | 6     | 27  | 10   | 56     | 26     | 0.3       | 1       | 0.4   | 77.3      | 6.9316 | 2.4258 |
| 2009 | 6     | 27  | 11   | 6      | 26     | 0.3       | 1       | 0.34  | 80.1      | 6.9316 | 2.0821 |
| 2009 | 6     | 27  | 11   | 16     | 26     | 0.3       | 1       | 0.45  | 73.7      | 6.9316 | 2.6886 |
| 2009 | 6     | 27  | 11   | 26     | 26     | 0.3       | 1       | 0.4   | 80.2      | 6.9316 | 2.446  |
| 2009 | 6     | 27  | 11   | 36     | 26     | 0.3       | 1       | 0.43  | 80        | 6.9316 | 2.6279 |
| 2009 | 6     | 27  | 11   | 46     | 26     | 0.3       | 1       | 0.37  | 77.8      | 6.9316 | 2.2438 |
| 2009 | 6     | 27  | 11   | 56     | 26     | 0.3       | 1       | 0.41  | 80.8      | 6.9316 | 2.5066 |
| 2009 | 6     | 27  | 12   | 6      | 26     | 0.3       | 1       | 0.42  | 80.9      | 6.9316 | 2.5268 |
| 2009 | 6     | 27  | 12   | 16     | 26     | 0.3       | 1       | 0.44  | 76.1      | 6.9316 | 2.6076 |
| 2009 | 6     | 27  | 12   | 26     | 26     | 0.3       | 1       | 0.45  | 79.6      | 6.9123 | 2.7409 |
| 2009 | 6     | 27  | 12   | 36     | 26     | 0.3       | 1       | 0.45  | 81.2      | 6.9316 | 2.7491 |
| 2009 | 6     | 27  | 12   | 46     | 26     | 0.3       | 1       | 0.41  | 77.5      | 6.9316 | 2.4661 |
| 2009 | 6     | 27  | 12   | 56     | 26     | 0.3       | 1       | 0.47  | 86.8      | 6.9316 | 2.8906 |
| 2009 | 6     | 27  | 13   | 6      | 26     | 0.3       | 1       | 0.43  | 72.1      | 6.9316 | 2.5065 |
| 2009 | 6     | 27  | 13   | 16     | 26     | 0.3       | 1       | 0.4   | 71.1      | 6.9316 | 2.3044 |
| 2009 | 6     | 27  | 13   | 26     | 26     | 0.3       | 1       | 0.37  | 77.2      | 6.9316 | 2.2235 |
| 2009 | 6     | 27  | 13   | 36     | 26     | 0.3       | 1       | 0.37  | 67.3      | 6.9316 | 2.1224 |
| 2009 | 6     | 27  | 13   | 46     | 26     | 0.3       | 1       | 0.46  | 73.8      | 6.9316 | 2.7086 |
| 2009 | 6     | 27  | 13   | 56     | 26     | 0.3       | 1       | 0.32  | 69.3      | 6.9316 | 1.8192 |
| 2009 | 6     | 27  | 14   | 6      | 26     | 0.3       | 1       | 0.53  | 76        | 6.9123 | 3.1439 |
| 2009 | 6     | 27  | 14   | 16     | 26     | 0.3       | 1       | 0.45  | 68.3      | 6.9123 | 2.5796 |
| 2009 | 6     | 27  | 14   | 26     | 26     | 0.3       | 1       | 0.42  | 83.3      | 6.9123 | 2.5796 |
| 2009 | 6     | 27  | 14   | 36     | 26     | 0.3       | 1       | 0.45  | 78.3      | 6.9123 | 2.7207 |
| 2009 | 6     | 27  | 14   | 46     | 26     | 0.3       | 1       | 0.34  | 71        | 6.9123 | 1.9951 |
| 2009 | 6     | 27  | 14   | 56     | 26     | 0.3       | 1       | 0.36  | 64.6      | 6.9123 | 1.9951 |
| 2009 | 6     | 27  | 15   | 6      | 26     | 0.3       | 1       | 0.43  | 72.1      | 6.9123 | 2.499  |
| 2009 | 6     | 27  | 15   | 16     | 26     | 0.3       | 1       | 0.4   | 75.9      | 6.9123 | 2.3982 |
| 2009 | 6     | 27  | 15   | 26     | 26     | 0.3       | 1       | 0.41  | 74.3      | 6.8929 | 2.4312 |
| 2009 | 6     | 27  | 15   | 36     | 26     | 0.3       | 1       | 0.48  | 75.7      | 6.8929 | 2.833  |
| 2009 | 6     | 27  | 15   | 46     | 26     | 0.3       | 1       | 0.39  | 74.9      | 6.8929 | 2.3106 |
| 2009 | 6     | 27  | 15   | 56     | 26     | 0.3       | 1       | 0.42  | 69.4      | 6.8929 | 2.4111 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 27  | 16   | 6      | 26     | 0.3       | 1       | 0.42  | 73.6      | 6.8929 | 2.4513 |
| 2009 | 6     | 27  | 16   | 16     | 26     | 0.3       | 1       | 0.45  | 73.7      | 6.8929 | 2.6723 |
| 2009 | 6     | 27  | 16   | 26     | 26     | 0.3       | 1       | 0.4   | 65.5      | 6.8929 | 2.2503 |
| 2009 | 6     | 27  | 16   | 36     | 26     | 0.3       | 1       | 0.36  | 73.2      | 6.8736 | 2.1234 |
| 2009 | 6     | 27  | 16   | 46     | 26     | 0.3       | 1       | 0.45  | 75.8      | 6.8736 | 2.6843 |
| 2009 | 6     | 27  | 16   | 56     | 26     | 0.3       | 1       | 0.42  | 73.4      | 6.8736 | 2.484  |
| 2009 | 6     | 27  | 17   | 6      | 26     | 0.3       | 1       | 0.36  | 73.7      | 6.8736 | 2.1234 |
| 2009 | 6     | 27  | 17   | 16     | 26     | 0.3       | 1       | 0.36  | 71.2      | 6.8736 | 2.0633 |
| 2009 | 6     | 27  | 17   | 26     | 26     | 0.3       | 1       | 0.37  | 67.3      | 6.8542 | 2.0571 |
| 2009 | 6     | 27  | 17   | 36     | 26     | 0.3       | 1       | 0.37  | 81.2      | 6.8542 | 2.1969 |
| 2009 | 6     | 27  | 17   | 46     | 26     | 0.3       | 1       | 0.38  | 76.1      | 6.8542 | 2.2568 |
| 2009 | 6     | 27  | 17   | 56     | 26     | 0.3       | 1       | 0.37  | 77.7      | 6.8542 | 2.1969 |
| 2009 | 6     | 27  | 18   | 6      | 26     | 0.3       | 1       | 0.43  | 68.9      | 6.8542 | 2.4366 |
| 2009 | 6     | 27  | 18   | 16     | 26     | 0.3       | 1       | 0.38  | 70        | 6.8349 | 2.1902 |
| 2009 | 6     | 27  | 18   | 26     | 26     | 0.3       | 1       | 0.35  | 85.7      | 6.8349 | 2.1305 |
| 2009 | 6     | 27  | 18   | 36     | 26     | 0.3       | 1       | 0.39  | 82.8      | 6.8349 | 2.3695 |
| 2009 | 6     | 27  | 18   | 46     | 26     | 0.3       | 1       | 0.39  | 69.4      | 6.8349 | 2.2301 |
| 2009 | 6     | 27  | 18   | 56     | 26     | 0.3       | 1       | 0.42  | 82.4      | 6.8349 | 2.5288 |
| 2009 | 6     | 27  | 19   | 6      | 26     | 0.3       | 1       | 0.35  | 83.5      | 6.8349 | 2.1106 |
| 2009 | 6     | 27  | 19   | 16     | 26     | 0.3       | 1       | 0.39  | 88.1      | 6.8349 | 2.3496 |
| 2009 | 6     | 27  | 19   | 26     | 26     | 0.3       | 1       | 0.31  | 83.3      | 6.8349 | 1.8717 |
| 2009 | 6     | 27  | 19   | 36     | 26     | 0.3       | 1       | 0.35  | 81.4      | 6.8349 | 2.1106 |
| 2009 | 6     | 27  | 19   | 46     | 26     | 0.3       | 1       | 0.33  | 75.7      | 6.8349 | 1.9513 |
| 2009 | 6     | 27  | 19   | 56     | 26     | 0.3       | 1       | 0.4   | 78.7      | 6.8349 | 2.3894 |
| 2009 | 6     | 27  | 20   | 6      | 26     | 0.3       | 1       | 0.38  | 82.6      | 6.8349 | 2.2899 |
| 2009 | 6     | 27  | 20   | 16     | 26     | 0.3       | 1       | 0.29  | 70.5      | 6.8349 | 1.6328 |
| 2009 | 6     | 27  | 20   | 26     | 26     | 0.3       | 1       | 0.31  | 71.6      | 6.8349 | 1.7921 |
| 2009 | 6     | 27  | 20   | 36     | 26     | 0.3       | 1       | 0.41  | 79.9      | 6.8349 | 2.4492 |
| 2009 | 6     | 27  | 20   | 46     | 26     | 0.3       | 1       | 0.38  | 85        | 6.8349 | 2.2899 |
| 2009 | 6     | 27  | 20   | 56     | 26     | 0.3       | 1       | 0.37  | 76        | 6.8349 | 2.1505 |
| 2009 | 6     | 27  | 21   | 6      | 26     | 0.3       | 1       | 0.37  | 90.5      | 6.8349 | 2.2301 |
| 2009 | 6     | 27  | 21   | 16     | 26     | 0.3       | 1       | 0.43  | 85.2      | 6.8349 | 2.5886 |
| 2009 | 6     | 27  | 21   | 26     | 26     | 0.3       | 1       | 0.42  | 79.6      | 6.8349 | 2.489  |
| 2009 | 6     | 27  | 21   | 36     | 26     | 0.3       | 1       | 0.3   | 93.8      | 6.8349 | 1.812  |
| 2009 | 6     | 27  | 21   | 46     | 26     | 0.3       | 1       | 0.39  | 85.6      | 6.8542 | 2.3568 |
| 2009 | 6     | 27  | 21   | 56     | 26     | 0.3       | 1       | 0.33  | 86        | 6.8542 | 1.9773 |
| 2009 | 6     | 27  | 22   | 6      | 26     | 0.3       | 1       | 0.38  | 70.5      | 6.8542 | 2.197  |
| 2009 | 6     | 27  | 22   | 16     | 26     | 0.3       | 1       | 0.39  | 84.6      | 6.8542 | 2.3368 |
| 2009 | 6     | 27  | 22   | 26     | 26     | 0.3       | 1       | 0.32  | 93.5      | 6.8542 | 1.9374 |
| 2009 | 6     | 27  | 22   | 36     | 26     | 0.3       | 1       | 0.3   | 77.5      | 6.8542 | 1.7976 |
| 2009 | 6     | 27  | 22   | 46     | 26     | 0.3       | 1       | 0.3   | 85.6      | 6.8542 | 1.8175 |
| 2009 | 6     | 27  | 22   | 56     | 26     | 0.3       | 1       | 0.4   | 85.3      | 6.8542 | 2.4367 |
| 2009 | 6     | 27  | 23   | 6      | 26     | 0.3       | 1       | 0.32  | 93        | 6.8542 | 1.9174 |
| 2009 | 6     | 27  | 23   | 16     | 26     | 0.3       | 1       | 0.36  | 93.6      | 6.8542 | 2.217  |
| 2009 | 6     | 27  | 23   | 26     | 26     | 0.3       | 1       | 0.32  | 90        | 6.8542 | 1.9374 |
| 2009 | 6     | 27  | 23   | 36     | 26     | 0.3       | 1       | 0.33  | 68.3      | 6.8542 | 1.8575 |
| 2009 | 6     | 27  | 23   | 46     | 26     | 0.3       | 1       | 0.33  | 78.5      | 6.8542 | 1.9574 |
| 2009 | 6     | 27  | 23   | 56     | 26     | 0.3       | 1       | 0.36  | 76.3      | 6.8542 | 2.1371 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 28  | 0    | 6      | 26     | 0.3       | 1       | 0.33  | 90        | 6.8542 | 2.0173 |
| 2009 | 6     | 28  | 0    | 16     | 26     | 0.3       | 1       | 0.36  | 90        | 6.8542 | 2.1971 |
| 2009 | 6     | 28  | 0    | 26     | 26     | 0.3       | 1       | 0.37  | 79.8      | 6.8542 | 2.217  |
| 2009 | 6     | 28  | 0    | 36     | 26     | 0.3       | 1       | 0.39  | 83.2      | 6.8542 | 2.3369 |
| 2009 | 6     | 28  | 0    | 46     | 26     | 0.3       | 1       | 0.34  | 93.3      | 6.8542 | 2.0573 |
| 2009 | 6     | 28  | 0    | 56     | 26     | 0.3       | 1       | 0.38  | 97.9      | 6.8542 | 2.3169 |
| 2009 | 6     | 28  | 1    | 6      | 26     | 0.3       | 1       | 0.35  | 95.9      | 6.8542 | 2.1172 |
| 2009 | 6     | 28  | 1    | 16     | 26     | 0.3       | 1       | 0.39  | 97.2      | 6.8542 | 2.3569 |
| 2009 | 6     | 28  | 1    | 26     | 26     | 0.3       | 1       | 0.34  | 103.2     | 6.8542 | 2.0373 |
| 2009 | 6     | 28  | 1    | 36     | 26     | 0.3       | 1       | 0.35  | 93.3      | 6.8542 | 2.0972 |
| 2009 | 6     | 28  | 1    | 46     | 26     | 0.3       | 1       | 0.45  | 92.5      | 6.8542 | 2.7564 |
| 2009 | 6     | 28  | 1    | 56     | 26     | 0.3       | 1       | 0.36  | 95.2      | 6.8542 | 2.1971 |
| 2009 | 6     | 28  | 2    | 6      | 26     | 0.3       | 1       | 0.36  | 87.4      | 6.8542 | 2.1771 |
| 2009 | 6     | 28  | 2    | 16     | 26     | 0.3       | 1       | 0.31  | 87        | 6.8542 | 1.8775 |
| 2009 | 6     | 28  | 2    | 26     | 26     | 0.3       | 1       | 0.28  | 75.2      | 6.8542 | 1.6578 |
| 2009 | 6     | 28  | 2    | 36     | 26     | 0.3       | 1       | 0.34  | 98.2      | 6.8542 | 2.0773 |
| 2009 | 6     | 28  | 2    | 46     | 26     | 0.3       | 1       | 0.33  | 80.4      | 6.8542 | 1.9974 |
| 2009 | 6     | 28  | 2    | 56     | 26     | 0.3       | 1       | 0.34  | 84.5      | 6.8542 | 2.0773 |
| 2009 | 6     | 28  | 3    | 6      | 26     | 0.3       | 1       | 0.36  | 90        | 6.8542 | 2.1971 |
| 2009 | 6     | 28  | 3    | 16     | 26     | 0.3       | 1       | 0.38  | 87.6      | 6.8542 | 2.337  |
| 2009 | 6     | 28  | 3    | 26     | 26     | 0.3       | 1       | 0.46  | 91.6      | 6.8542 | 2.7764 |
| 2009 | 6     | 28  | 3    | 36     | 26     | 0.3       | 1       | 0.41  | 88.2      | 6.8542 | 2.4968 |
| 2009 | 6     | 28  | 3    | 46     | 26     | 0.3       | 1       | 0.4   | 81.9      | 6.8542 | 2.3969 |
| 2009 | 6     | 28  | 3    | 56     | 26     | 0.3       | 1       | 0.45  | 86.7      | 6.8542 | 2.7564 |
| 2009 | 6     | 28  | 4    | 6      | 26     | 0.3       | 1       | 0.45  | 86.2      | 6.8542 | 2.7365 |
| 2009 | 6     | 28  | 4    | 16     | 26     | 0.3       | 1       | 0.38  | 89        | 6.8349 | 2.3299 |
| 2009 | 6     | 28  | 4    | 26     | 26     | 0.3       | 1       | 0.35  | 84.6      | 6.8542 | 2.1173 |
| 2009 | 6     | 28  | 4    | 36     | 26     | 0.3       | 1       | 0.48  | 93.5      | 6.8542 | 2.9162 |
| 2009 | 6     | 28  | 4    | 46     | 26     | 0.3       | 1       | 0.42  | 87.8      | 6.8349 | 2.549  |
| 2009 | 6     | 28  | 4    | 56     | 26     | 0.3       | 1       | 0.39  | 91        | 6.8349 | 2.3897 |
| 2009 | 6     | 28  | 5    | 6      | 26     | 0.3       | 1       | 0.48  | 84.5      | 6.8349 | 2.8875 |
| 2009 | 6     | 28  | 5    | 16     | 26     | 0.3       | 1       | 0.39  | 92.4      | 6.8349 | 2.3698 |
| 2009 | 6     | 28  | 5    | 26     | 26     | 0.3       | 1       | 0.42  | 92.2      | 6.8349 | 2.5689 |
| 2009 | 6     | 28  | 5    | 36     | 26     | 0.3       | 1       | 0.44  | 85.7      | 6.8349 | 2.6685 |
| 2009 | 6     | 28  | 5    | 46     | 26     | 0.3       | 1       | 0.36  | 82.2      | 6.8349 | 2.1706 |
| 2009 | 6     | 28  | 5    | 56     | 26     | 0.3       | 1       | 0.38  | 94.4      | 6.8349 | 2.3299 |
| 2009 | 6     | 28  | 6    | 6      | 26     | 0.3       | 1       | 0.34  | 81.6      | 6.8349 | 2.0312 |
| 2009 | 6     | 28  | 6    | 16     | 26     | 0.3       | 1       | 0.42  | 88.2      | 6.8349 | 2.5291 |
| 2009 | 6     | 28  | 6    | 26     | 26     | 0.3       | 1       | 0.38  | 86.6      | 6.8349 | 2.3299 |
| 2009 | 6     | 28  | 6    | 36     | 26     | 0.3       | 1       | 0.36  | 82.2      | 6.8349 | 2.1706 |
| 2009 | 6     | 28  | 6    | 46     | 26     | 0.3       | 1       | 0.35  | 93.7      | 6.8349 | 2.1308 |
| 2009 | 6     | 28  | 6    | 56     | 26     | 0.3       | 1       | 0.42  | 86        | 6.8349 | 2.5689 |
| 2009 | 6     | 28  | 7    | 6      | 26     | 0.3       | 1       | 0.3   | 73.7      | 6.8349 | 1.7724 |
| 2009 | 6     | 28  | 7    | 16     | 26     | 0.3       | 1       | 0.32  | 90.6      | 6.8349 | 1.9715 |
| 2009 | 6     | 28  | 7    | 26     | 26     | 0.3       | 1       | 0.29  | 90        | 6.8349 | 1.7724 |
| 2009 | 6     | 28  | 7    | 36     | 26     | 0.3       | 1       | 0.39  | 85.6      | 6.8349 | 2.3499 |
| 2009 | 6     | 28  | 7    | 46     | 26     | 0.3       | 1       | 0.35  | 81.3      | 6.8349 | 2.0711 |
| 2009 | 6     | 28  | 7    | 56     | 26     | 0.3       | 1       | 0.34  | 83.8      | 6.8349 | 2.0312 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 28  | 8    | 6      | 26     | 0.3       | 1       | 0.4   | 95.2      | 6.8349 | 2.4096 |
| 2009 | 6     | 28  | 8    | 16     | 26     | 0.3       | 1       | 0.35  | 90.5      | 6.8349 | 2.1308 |
| 2009 | 6     | 28  | 8    | 26     | 26     | 0.3       | 1       | 0.35  | 81.9      | 6.8349 | 2.1109 |
| 2009 | 6     | 28  | 8    | 36     | 26     | 0.3       | 1       | 0.24  | 92.4      | 6.8349 | 1.4338 |
| 2009 | 6     | 28  | 8    | 46     | 26     | 0.3       | 1       | 0.38  | 74.7      | 6.8349 | 2.2503 |
| 2009 | 6     | 28  | 8    | 56     | 26     | 0.3       | 1       | 0.28  | 83.4      | 6.8542 | 1.7178 |
| 2009 | 6     | 28  | 9    | 6      | 26     | 0.3       | 1       | 0.36  | 93.7      | 6.8349 | 2.1507 |
| 2009 | 6     | 28  | 9    | 16     | 26     | 0.3       | 1       | 0.36  | 85.8      | 6.8542 | 2.1572 |
| 2009 | 6     | 28  | 9    | 26     | 26     | 0.3       | 1       | 0.39  | 71.3      | 6.8349 | 2.2303 |
| 2009 | 6     | 28  | 9    | 36     | 26     | 0.3       | 1       | 0.32  | 80.4      | 6.8542 | 1.8975 |
| 2009 | 6     | 28  | 9    | 46     | 26     | 0.3       | 1       | 0.37  | 76.2      | 6.8349 | 2.1904 |
| 2009 | 6     | 28  | 9    | 56     | 26     | 0.3       | 1       | 0.34  | 74.9      | 6.8542 | 1.9973 |
| 2009 | 6     | 28  | 10   | 6      | 26     | 0.3       | 1       | 0.41  | 78.4      | 6.8349 | 2.4294 |
| 2009 | 6     | 28  | 10   | 16     | 26     | 0.3       | 1       | 0.4   | 76.1      | 6.8542 | 2.3369 |
| 2009 | 6     | 28  | 10   | 26     | 26     | 0.3       | 1       | 0.42  | 91.3      | 6.8542 | 2.5566 |
| 2009 | 6     | 28  | 10   | 36     | 26     | 0.3       | 1       | 0.42  | 86.9      | 6.8542 | 2.5765 |
| 2009 | 6     | 28  | 10   | 46     | 26     | 0.3       | 1       | 0.39  | 79.4      | 6.8542 | 2.3568 |
| 2009 | 6     | 28  | 10   | 56     | 26     | 0.3       | 1       | 0.35  | 73.8      | 6.8542 | 2.0572 |
| 2009 | 6     | 28  | 11   | 6      | 26     | 0.3       | 1       | 0.39  | 79        | 6.8542 | 2.3568 |
| 2009 | 6     | 28  | 11   | 16     | 26     | 0.3       | 1       | 0.39  | 75        | 6.8542 | 2.3168 |
| 2009 | 6     | 28  | 11   | 26     | 26     | 0.3       | 1       | 0.47  | 73.6      | 6.8542 | 2.7163 |
| 2009 | 6     | 28  | 11   | 36     | 26     | 0.3       | 1       | 0.44  | 90        | 6.8542 | 2.6963 |
| 2009 | 6     | 28  | 11   | 46     | 26     | 0.3       | 1       | 0.39  | 84.7      | 6.8542 | 2.3767 |
| 2009 | 6     | 28  | 11   | 56     | 26     | 0.3       | 1       | 0.37  | 85.4      | 6.8542 | 2.2569 |
| 2009 | 6     | 28  | 12   | 6      | 26     | 0.3       | 1       | 0.31  | 55.3      | 6.8349 | 1.5531 |
| 2009 | 6     | 28  | 12   | 16     | 26     | 0.3       | 1       | 0.47  | 77.2      | 6.8542 | 2.8161 |
| 2009 | 6     | 28  | 12   | 26     | 26     | 0.3       | 1       | 0.35  | 77.5      | 6.8542 | 2.0771 |
| 2009 | 6     | 28  | 12   | 36     | 26     | 0.3       | 1       | 0.43  | 75.7      | 6.8542 | 2.5165 |
| 2009 | 6     | 28  | 12   | 46     | 26     | 0.3       | 1       | 0.34  | 57.2      | 6.8542 | 1.7376 |
| 2009 | 6     | 28  | 12   | 56     | 26     | 0.3       | 1       | 0.41  | 68.1      | 6.8542 | 2.3367 |
| 2009 | 6     | 28  | 13   | 6      | 26     | 0.3       | 1       | 0.4   | 79.7      | 6.8349 | 2.4093 |
| 2009 | 6     | 28  | 13   | 16     | 26     | 0.3       | 1       | 0.4   | 70.7      | 6.8349 | 2.2699 |
| 2009 | 6     | 28  | 13   | 26     | 26     | 0.3       | 1       | 0.32  | 63.4      | 6.8349 | 1.7522 |
| 2009 | 6     | 28  | 13   | 36     | 26     | 0.3       | 1       | 0.37  | 66.1      | 6.8155 | 2.0645 |
| 2009 | 6     | 28  | 13   | 46     | 26     | 0.3       | 1       | 0.36  | 66.3      | 6.8155 | 1.9851 |
| 2009 | 6     | 28  | 13   | 56     | 26     | 0.3       | 1       | 0.37  | 75        | 6.8155 | 2.1439 |
| 2009 | 6     | 28  | 14   | 6      | 26     | 0.3       | 1       | 0.35  | 76.5      | 6.8155 | 2.0645 |
| 2009 | 6     | 28  | 14   | 16     | 26     | 0.3       | 1       | 0.37  | 71.9      | 6.8155 | 2.124  |
| 2009 | 6     | 28  | 14   | 26     | 26     | 0.3       | 1       | 0.41  | 72.4      | 6.8155 | 2.3821 |
| 2009 | 6     | 28  | 14   | 36     | 26     | 0.3       | 1       | 0.41  | 60.9      | 6.7962 | 2.1373 |
| 2009 | 6     | 28  | 14   | 46     | 26     | 0.3       | 1       | 0.43  | 65.4      | 6.8155 | 2.3423 |
| 2009 | 6     | 28  | 14   | 56     | 26     | 0.3       | 1       | 0.35  | 74.8      | 6.7962 | 2.0384 |
| 2009 | 6     | 28  | 15   | 6      | 26     | 0.3       | 1       | 0.37  | 59.3      | 6.7962 | 1.8998 |
| 2009 | 6     | 28  | 15   | 16     | 26     | 0.3       | 1       | 0.33  | 70.3      | 6.7962 | 1.88   |
| 2009 | 6     | 28  | 15   | 26     | 26     | 0.3       | 1       | 0.28  | 62.5      | 6.7768 | 1.4797 |
| 2009 | 6     | 28  | 15   | 36     | 26     | 0.3       | 1       | 0.33  | 75.5      | 6.7768 | 1.9138 |
| 2009 | 6     | 28  | 15   | 46     | 26     | 0.3       | 1       | 0.41  | 84.5      | 6.7768 | 2.4465 |
| 2009 | 6     | 28  | 15   | 56     | 26     | 0.3       | 1       | 0.38  | 78.5      | 6.7574 | 2.2226 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 28  | 16   | 6      | 26     | 0.3       | 1       | 0.41  | 72.7      | 6.7768 | 2.3478 |
| 2009 | 6     | 28  | 16   | 16     | 26     | 0.3       | 1       | 0.36  | 63.2      | 6.7574 | 1.9079 |
| 2009 | 6     | 28  | 16   | 26     | 26     | 0.3       | 1       | 0.35  | 70.9      | 6.7768 | 1.9927 |
| 2009 | 6     | 28  | 16   | 36     | 26     | 0.3       | 1       | 0.42  | 75.1      | 6.7574 | 2.439  |
| 2009 | 6     | 28  | 16   | 46     | 26     | 0.3       | 1       | 0.39  | 73.1      | 6.7574 | 2.2619 |
| 2009 | 6     | 28  | 16   | 56     | 26     | 0.3       | 1       | 0.39  | 83.3      | 6.7574 | 2.3406 |
| 2009 | 6     | 28  | 17   | 6      | 26     | 0.3       | 1       | 0.38  | 66.7      | 6.7381 | 2.0981 |
| 2009 | 6     | 28  | 17   | 16     | 26     | 0.3       | 1       | 0.3   | 84.9      | 6.7574 | 1.7702 |
| 2009 | 6     | 28  | 17   | 26     | 26     | 0.3       | 1       | 0.37  | 82.3      | 6.7574 | 2.1833 |
| 2009 | 6     | 28  | 17   | 36     | 26     | 0.3       | 1       | 0.42  | 72.7      | 6.7574 | 2.3997 |
| 2009 | 6     | 28  | 17   | 46     | 26     | 0.3       | 1       | 0.4   | 82.1      | 6.7574 | 2.3997 |
| 2009 | 6     | 28  | 17   | 56     | 26     | 0.3       | 1       | 0.32  | 84.8      | 6.7574 | 1.9276 |
| 2009 | 6     | 28  | 18   | 6      | 26     | 0.3       | 1       | 0.36  | 81.1      | 6.7574 | 2.1243 |
| 2009 | 6     | 28  | 18   | 16     | 26     | 0.3       | 1       | 0.29  | 80.3      | 6.7574 | 1.7309 |
| 2009 | 6     | 28  | 18   | 26     | 26     | 0.3       | 1       | 0.34  | 74.5      | 6.7574 | 1.9866 |
| 2009 | 6     | 28  | 18   | 36     | 26     | 0.3       | 1       | 0.28  | 82.1      | 6.7768 | 1.6968 |
| 2009 | 6     | 28  | 18   | 46     | 26     | 0.3       | 1       | 0.27  | 92.8      | 6.7574 | 1.5932 |
| 2009 | 6     | 28  | 18   | 56     | 26     | 0.3       | 1       | 0.32  | 82.9      | 6.7768 | 1.8941 |
| 2009 | 6     | 28  | 19   | 6      | 26     | 0.3       | 1       | 0.26  | 78.6      | 6.7768 | 1.5587 |
| 2009 | 6     | 28  | 19   | 16     | 26     | 0.3       | 1       | 0.36  | 87.4      | 6.7962 | 2.1572 |
| 2009 | 6     | 28  | 19   | 26     | 26     | 0.3       | 1       | 0.28  | 90.7      | 6.7962 | 1.6822 |
| 2009 | 6     | 28  | 19   | 36     | 26     | 0.3       | 1       | 0.36  | 89        | 6.7962 | 2.177  |
| 2009 | 6     | 28  | 19   | 46     | 26     | 0.3       | 1       | 0.35  | 101.9     | 6.7962 | 2.0582 |
| 2009 | 6     | 28  | 19   | 56     | 26     | 0.3       | 1       | 0.33  | 84.3      | 6.7962 | 1.9791 |
| 2009 | 6     | 28  | 20   | 6      | 26     | 0.3       | 1       | 0.33  | 86.6      | 6.7962 | 1.9791 |
| 2009 | 6     | 28  | 20   | 16     | 26     | 0.3       | 1       | 0.28  | 81.1      | 6.8155 | 1.6477 |
| 2009 | 6     | 28  | 20   | 26     | 26     | 0.3       | 1       | 0.34  | 97.7      | 6.8155 | 2.0645 |
| 2009 | 6     | 28  | 20   | 36     | 26     | 0.3       | 1       | 0.35  | 92.2      | 6.8155 | 2.1042 |
| 2009 | 6     | 28  | 20   | 46     | 26     | 0.3       | 1       | 0.36  | 88.9      | 6.8155 | 2.1638 |
| 2009 | 6     | 28  | 20   | 56     | 26     | 0.3       | 1       | 0.29  | 112.8     | 6.8155 | 1.608  |
| 2009 | 6     | 28  | 21   | 6      | 26     | 0.3       | 1       | 0.43  | 87.8      | 6.8155 | 2.5807 |
| 2009 | 6     | 28  | 21   | 16     | 26     | 0.3       | 1       | 0.33  | 99.6      | 6.8155 | 1.9851 |
| 2009 | 6     | 28  | 21   | 26     | 26     | 0.3       | 1       | 0.37  | 87.5      | 6.8349 | 2.25   |
| 2009 | 6     | 28  | 21   | 36     | 26     | 0.3       | 1       | 0.38  | 100.8     | 6.8349 | 2.2899 |
| 2009 | 6     | 28  | 21   | 46     | 26     | 0.3       | 1       | 0.35  | 86.7      | 6.8349 | 2.0908 |
| 2009 | 6     | 28  | 21   | 56     | 26     | 0.3       | 1       | 0.32  | 92.4      | 6.8349 | 1.9315 |
| 2009 | 6     | 28  | 22   | 6      | 26     | 0.3       | 1       | 0.33  | 90        | 6.8349 | 2.0111 |
| 2009 | 6     | 28  | 22   | 16     | 26     | 0.3       | 1       | 0.31  | 101.1     | 6.8349 | 1.8319 |
| 2009 | 6     | 28  | 22   | 26     | 26     | 0.3       | 1       | 0.28  | 98.9      | 6.8349 | 1.6527 |
| 2009 | 6     | 28  | 22   | 36     | 26     | 0.3       | 1       | 0.34  | 93.4      | 6.8349 | 2.031  |
| 2009 | 6     | 28  | 22   | 46     | 26     | 0.3       | 1       | 0.28  | 86.6      | 6.8349 | 1.6726 |
| 2009 | 6     | 28  | 22   | 56     | 26     | 0.3       | 1       | 0.41  | 89.5      | 6.8349 | 2.489  |
| 2009 | 6     | 28  | 23   | 6      | 26     | 0.3       | 1       | 0.32  | 88.2      | 6.8542 | 1.9374 |
| 2009 | 6     | 28  | 23   | 16     | 26     | 0.3       | 1       | 0.3   | 95        | 6.8349 | 1.812  |
| 2009 | 6     | 28  | 23   | 26     | 26     | 0.3       | 1       | 0.38  | 100       | 6.8542 | 2.2569 |
| 2009 | 6     | 28  | 23   | 36     | 26     | 0.3       | 1       | 0.33  | 106.3     | 6.8542 | 1.9174 |
| 2009 | 6     | 28  | 23   | 46     | 26     | 0.3       | 1       | 0.31  | 96.7      | 6.8542 | 1.8575 |
| 2009 | 6     | 28  | 23   | 56     | 26     | 0.3       | 1       | 0.31  | 100.3     | 6.8542 | 1.8774 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 29  | 0    | 6      | 26     | 0.3       | 1       | 0.34  | 103.9     | 6.8542 | 2.0173 |
| 2009 | 6     | 29  | 0    | 16     | 26     | 0.3       | 1       | 0.28  | 98.1      | 6.8542 | 1.6777 |
| 2009 | 6     | 29  | 0    | 26     | 26     | 0.3       | 1       | 0.29  | 92.6      | 6.8542 | 1.7776 |
| 2009 | 6     | 29  | 0    | 36     | 26     | 0.3       | 1       | 0.33  | 85.5      | 6.8542 | 2.0173 |
| 2009 | 6     | 29  | 0    | 46     | 26     | 0.3       | 1       | 0.26  | 95.8      | 6.8542 | 1.5779 |
| 2009 | 6     | 29  | 0    | 56     | 26     | 0.3       | 1       | 0.26  | 103.9     | 6.8542 | 1.5379 |
| 2009 | 6     | 29  | 1    | 6      | 26     | 0.3       | 1       | 0.31  | 96.7      | 6.8542 | 1.8775 |
| 2009 | 6     | 29  | 1    | 16     | 26     | 0.3       | 1       | 0.3   | 97        | 6.8542 | 1.7976 |
| 2009 | 6     | 29  | 1    | 26     | 26     | 0.3       | 1       | 0.34  | 84.5      | 6.8542 | 2.0772 |
| 2009 | 6     | 29  | 1    | 36     | 26     | 0.3       | 1       | 0.38  | 97.9      | 6.8542 | 2.3169 |
| 2009 | 6     | 29  | 1    | 46     | 26     | 0.3       | 1       | 0.32  | 90        | 6.8542 | 1.9374 |
| 2009 | 6     | 29  | 1    | 56     | 26     | 0.3       | 1       | 0.36  | 96.9      | 6.8542 | 2.1571 |
| 2009 | 6     | 29  | 2    | 6      | 26     | 0.3       | 1       | 0.4   | 93.3      | 6.8542 | 2.4168 |
| 2009 | 6     | 29  | 2    | 16     | 26     | 0.3       | 1       | 0.4   | 82.4      | 6.8542 | 2.3968 |
| 2009 | 6     | 29  | 2    | 26     | 26     | 0.3       | 1       | 0.37  | 88        | 6.8542 | 2.237  |
| 2009 | 6     | 29  | 2    | 36     | 26     | 0.3       | 1       | 0.33  | 86        | 6.8542 | 1.9774 |
| 2009 | 6     | 29  | 2    | 46     | 26     | 0.3       | 1       | 0.29  | 81.6      | 6.8542 | 1.7577 |
| 2009 | 6     | 29  | 2    | 56     | 26     | 0.3       | 1       | 0.35  | 81.3      | 6.8542 | 2.0972 |
| 2009 | 6     | 29  | 3    | 6      | 26     | 0.3       | 1       | 0.3   | 84.3      | 6.8542 | 1.7976 |
| 2009 | 6     | 29  | 3    | 16     | 26     | 0.3       | 1       | 0.33  | 78.7      | 6.8542 | 1.9974 |
| 2009 | 6     | 29  | 3    | 26     | 26     | 0.3       | 1       | 0.42  | 80.9      | 6.8542 | 2.4967 |
| 2009 | 6     | 29  | 3    | 36     | 26     | 0.3       | 1       | 0.34  | 79        | 6.8542 | 2.0573 |
| 2009 | 6     | 29  | 3    | 46     | 26     | 0.3       | 1       | 0.36  | 95.2      | 6.8542 | 2.1971 |
| 2009 | 6     | 29  | 3    | 56     | 26     | 0.3       | 1       | 0.36  | 94.7      | 6.8542 | 2.1971 |
| 2009 | 6     | 29  | 4    | 6      | 26     | 0.3       | 1       | 0.32  | 90        | 6.8542 | 1.9375 |
| 2009 | 6     | 29  | 4    | 16     | 26     | 0.3       | 1       | 0.27  | 82.3      | 6.8542 | 1.6179 |
| 2009 | 6     | 29  | 4    | 26     | 26     | 0.3       | 1       | 0.31  | 90        | 6.8542 | 1.8775 |
| 2009 | 6     | 29  | 4    | 36     | 26     | 0.3       | 1       | 0.32  | 81.1      | 6.8542 | 1.9175 |
| 2009 | 6     | 29  | 4    | 46     | 26     | 0.3       | 1       | 0.38  | 85.6      | 6.8542 | 2.3369 |
| 2009 | 6     | 29  | 4    | 56     | 26     | 0.3       | 1       | 0.35  | 90        | 6.8542 | 2.1372 |
| 2009 | 6     | 29  | 5    | 6      | 26     | 0.3       | 1       | 0.38  | 87        | 6.8542 | 2.297  |
| 2009 | 6     | 29  | 5    | 16     | 26     | 0.3       | 1       | 0.3   | 85.6      | 6.8542 | 1.7977 |
| 2009 | 6     | 29  | 5    | 26     | 26     | 0.3       | 1       | 0.3   | 76.6      | 6.8542 | 1.7577 |
| 2009 | 6     | 29  | 5    | 36     | 26     | 0.3       | 1       | 0.36  | 93.6      | 6.8542 | 2.1971 |
| 2009 | 6     | 29  | 5    | 46     | 26     | 0.3       | 1       | 0.29  | 90        | 6.8542 | 1.7377 |
| 2009 | 6     | 29  | 5    | 56     | 26     | 0.3       | 1       | 0.33  | 97.3      | 6.8542 | 2.0174 |
| 2009 | 6     | 29  | 6    | 6      | 26     | 0.3       | 1       | 0.35  | 76.4      | 6.8542 | 2.0573 |
| 2009 | 6     | 29  | 6    | 16     | 26     | 0.3       | 1       | 0.29  | 93.9      | 6.8542 | 1.7577 |
| 2009 | 6     | 29  | 6    | 26     | 26     | 0.3       | 1       | 0.27  | 107.1     | 6.8542 | 1.558  |
| 2009 | 6     | 29  | 6    | 36     | 26     | 0.3       | 1       | 0.34  | 96.1      | 6.8542 | 2.0573 |
| 2009 | 6     | 29  | 6    | 46     | 26     | 0.3       | 1       | 0.35  | 79.1      | 6.8542 | 2.0773 |
| 2009 | 6     | 29  | 6    | 56     | 26     | 0.3       | 1       | 0.27  | 97.5      | 6.8542 | 1.6579 |
| 2009 | 6     | 29  | 7    | 6      | 26     | 0.3       | 1       | 0.32  | 92.3      | 6.8542 | 1.9575 |
| 2009 | 6     | 29  | 7    | 16     | 26     | 0.3       | 1       | 0.25  | 83.2      | 6.8542 | 1.4981 |
| 2009 | 6     | 29  | 7    | 26     | 26     | 0.3       | 1       | 0.29  | 90        | 6.8542 | 1.7377 |
| 2009 | 6     | 29  | 7    | 36     | 26     | 0.3       | 1       | 0.33  | 78        | 6.8542 | 1.9774 |
| 2009 | 6     | 29  | 7    | 46     | 26     | 0.3       | 1       | 0.39  | 91        | 6.8542 | 2.3769 |
| 2009 | 6     | 29  | 7    | 56     | 26     | 0.3       | 1       | 0.31  | 86.9      | 6.8542 | 1.8576 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 29  | 8    | 6      | 26     | 0.3       | 1       | 0.4   | 94.7      | 6.8542 | 2.4168 |
| 2009 | 6     | 29  | 8    | 16     | 26     | 0.3       | 1       | 0.37  | 81.9      | 6.8542 | 2.2571 |
| 2009 | 6     | 29  | 8    | 26     | 26     | 0.3       | 1       | 0.35  | 78.2      | 6.8542 | 2.0973 |
| 2009 | 6     | 29  | 8    | 36     | 26     | 0.3       | 1       | 0.39  | 66.2      | 6.8542 | 2.1771 |
| 2009 | 6     | 29  | 8    | 46     | 26     | 0.3       | 1       | 0.31  | 74.2      | 6.8542 | 1.8376 |
| 2009 | 6     | 29  | 8    | 56     | 26     | 0.3       | 1       | 0.32  | 66.1      | 6.8542 | 1.7577 |
| 2009 | 6     | 29  | 9    | 6      | 26     | 0.3       | 1       | 0.3   | 66.2      | 6.8542 | 1.6778 |
| 2009 | 6     | 29  | 9    | 16     | 26     | 0.3       | 1       | 0.41  | 77.9      | 6.8542 | 2.4168 |
| 2009 | 6     | 29  | 9    | 26     | 26     | 0.3       | 1       | 0.36  | 78        | 6.8542 | 2.1571 |
| 2009 | 6     | 29  | 9    | 36     | 26     | 0.3       | 1       | 0.42  | 64.4      | 6.8542 | 2.2969 |
| 2009 | 6     | 29  | 9    | 46     | 26     | 0.3       | 1       | 0.33  | 78.7      | 6.8542 | 1.9973 |
| 2009 | 6     | 29  | 9    | 56     | 26     | 0.3       | 1       | 0.22  | 93.4      | 6.8542 | 1.3582 |
| 2009 | 6     | 29  | 10   | 6      | 26     | 0.3       | 1       | 0.34  | 77.7      | 6.8736 | 2.0234 |
| 2009 | 6     | 29  | 10   | 16     | 26     | 0.3       | 1       | 0.36  | 75.8      | 6.8542 | 2.1371 |
| 2009 | 6     | 29  | 10   | 26     | 26     | 0.3       | 1       | 0.37  | 83.9      | 6.8736 | 2.2638 |
| 2009 | 6     | 29  | 10   | 36     | 26     | 0.3       | 1       | 0.38  | 79.2      | 6.8736 | 2.3038 |
| 2009 | 6     | 29  | 10   | 46     | 26     | 0.3       | 1       | 0.32  | 74.5      | 6.8736 | 1.8831 |
| 2009 | 6     | 29  | 10   | 56     | 26     | 0.3       | 1       | 0.37  | 89.5      | 6.8736 | 2.2437 |
| 2009 | 6     | 29  | 11   | 6      | 26     | 0.3       | 1       | 0.29  | 81.4      | 6.8736 | 1.7228 |
| 2009 | 6     | 29  | 11   | 16     | 26     | 0.3       | 1       | 0.4   | 84.8      | 6.8736 | 2.444  |
| 2009 | 6     | 29  | 11   | 26     | 26     | 0.3       | 1       | 0.38  | 82.1      | 6.8736 | 2.3038 |
| 2009 | 6     | 29  | 11   | 36     | 26     | 0.3       | 1       | 0.39  | 82.3      | 6.8736 | 2.3638 |
| 2009 | 6     | 29  | 11   | 46     | 26     | 0.3       | 1       | 0.33  | 78.5      | 6.8736 | 1.9632 |
| 2009 | 6     | 29  | 11   | 56     | 26     | 0.3       | 1       | 0.34  | 74.4      | 6.8736 | 2.0032 |
| 2009 | 6     | 29  | 12   | 6      | 26     | 0.3       | 1       | 0.3   | 77.5      | 6.8736 | 1.8029 |
| 2009 | 6     | 29  | 12   | 16     | 26     | 0.3       | 1       | 0.32  | 77        | 6.8736 | 1.9031 |
| 2009 | 6     | 29  | 12   | 26     | 26     | 0.3       | 1       | 0.34  | 73.7      | 6.8736 | 1.9832 |
| 2009 | 6     | 29  | 12   | 36     | 26     | 0.3       | 1       | 0.27  | 82.4      | 6.8736 | 1.6426 |
| 2009 | 6     | 29  | 12   | 46     | 26     | 0.3       | 1       | 0.34  | 74.7      | 6.8736 | 1.9832 |
| 2009 | 6     | 29  | 12   | 56     | 26     | 0.3       | 1       | 0.37  | 69.1      | 6.8929 | 2.1097 |
| 2009 | 6     | 29  | 13   | 6      | 26     | 0.3       | 1       | 0.37  | 65        | 6.8736 | 2.0633 |
| 2009 | 6     | 29  | 13   | 16     | 26     | 0.3       | 1       | 0.31  | 66.2      | 6.8929 | 1.728  |
| 2009 | 6     | 29  | 13   | 26     | 26     | 0.3       | 1       | 0.24  | 72.6      | 6.8736 | 1.4022 |
| 2009 | 6     | 29  | 13   | 36     | 26     | 0.3       | 1       | 0.39  | 64.7      | 6.8736 | 2.1635 |
| 2009 | 6     | 29  | 13   | 46     | 26     | 0.3       | 1       | 0.37  | 85.9      | 6.8736 | 2.2236 |
| 2009 | 6     | 29  | 13   | 56     | 26     | 0.3       | 1       | 0.42  | 69        | 6.8736 | 2.4039 |
| 2009 | 6     | 29  | 14   | 6      | 26     | 0.3       | 1       | 0.41  | 77        | 6.8736 | 2.4239 |
| 2009 | 6     | 29  | 14   | 16     | 26     | 0.3       | 1       | 0.35  | 62.9      | 6.8736 | 1.883  |
| 2009 | 6     | 29  | 14   | 26     | 26     | 0.3       | 1       | 0.4   | 69.8      | 6.8736 | 2.2837 |
| 2009 | 6     | 29  | 14   | 36     | 26     | 0.3       | 1       | 0.35  | 70.4      | 6.8736 | 2.0233 |
| 2009 | 6     | 29  | 14   | 46     | 26     | 0.3       | 1       | 0.43  | 63.8      | 6.8736 | 2.3638 |
| 2009 | 6     | 29  | 14   | 56     | 26     | 0.3       | 1       | 0.37  | 58        | 6.8736 | 1.9231 |
| 2009 | 6     | 29  | 15   | 6      | 26     | 0.3       | 1       | 0.37  | 63.4      | 6.8736 | 2.0433 |
| 2009 | 6     | 29  | 15   | 16     | 26     | 0.3       | 1       | 0.43  | 67.5      | 6.8736 | 2.4239 |
| 2009 | 6     | 29  | 15   | 26     | 26     | 0.3       | 1       | 0.32  | 62.4      | 6.8736 | 1.7228 |
| 2009 | 6     | 29  | 15   | 36     | 26     | 0.3       | 1       | 0.45  | 61        | 6.8736 | 2.4239 |
| 2009 | 6     | 29  | 15   | 46     | 26     | 0.3       | 1       | 0.31  | 55.5      | 6.8736 | 1.5425 |
| 2009 | 6     | 29  | 15   | 56     | 26     | 0.3       | 1       | 0.33  | 69.4      | 6.8736 | 1.863  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 29  | 16   | 6      | 26     | 0.3       | 1       | 0.34  | 62.4      | 6.8736 | 1.843  |
| 2009 | 6     | 29  | 16   | 16     | 26     | 0.3       | 1       | 0.36  | 55.3      | 6.8736 | 1.8229 |
| 2009 | 6     | 29  | 16   | 26     | 26     | 0.3       | 1       | 0.35  | 69.4      | 6.8736 | 2.0233 |
| 2009 | 6     | 29  | 16   | 36     | 26     | 0.3       | 1       | 0.36  | 62        | 6.8929 | 1.9691 |
| 2009 | 6     | 29  | 16   | 46     | 26     | 0.3       | 1       | 0.39  | 54.6      | 6.8736 | 1.9431 |
| 2009 | 6     | 29  | 16   | 56     | 26     | 0.3       | 1       | 0.36  | 52.1      | 6.8736 | 1.7228 |
| 2009 | 6     | 29  | 17   | 6      | 26     | 0.3       | 1       | 0.39  | 49.8      | 6.8736 | 1.8229 |
| 2009 | 6     | 29  | 17   | 16     | 26     | 0.3       | 1       | 0.37  | 55.9      | 6.8929 | 1.8686 |
| 2009 | 6     | 29  | 17   | 26     | 26     | 0.3       | 1       | 0.43  | 55.8      | 6.8929 | 2.1901 |
| 2009 | 6     | 29  | 17   | 36     | 26     | 0.3       | 1       | 0.38  | 61.2      | 6.8929 | 2.0495 |
| 2009 | 6     | 29  | 17   | 46     | 26     | 0.3       | 1       | 0.44  | 63.6      | 6.8929 | 2.4312 |
| 2009 | 6     | 29  | 17   | 56     | 26     | 0.3       | 1       | 0.41  | 53.9      | 6.8929 | 2.0093 |
| 2009 | 6     | 29  | 18   | 6      | 26     | 0.3       | 1       | 0.37  | 67.3      | 6.8929 | 2.0696 |
| 2009 | 6     | 29  | 18   | 16     | 26     | 0.3       | 1       | 0.37  | 72.5      | 6.8929 | 2.17   |
| 2009 | 6     | 29  | 18   | 26     | 26     | 0.3       | 1       | 0.35  | 80.7      | 6.8929 | 2.0897 |
| 2009 | 6     | 29  | 18   | 36     | 26     | 0.3       | 1       | 0.24  | 68.3      | 6.8929 | 1.3663 |
| 2009 | 6     | 29  | 18   | 46     | 26     | 0.3       | 1       | 0.37  | 76.8      | 6.8929 | 2.2303 |
| 2009 | 6     | 29  | 18   | 56     | 26     | 0.3       | 1       | 0.42  | 69.4      | 6.8929 | 2.4112 |
| 2009 | 6     | 29  | 19   | 6      | 26     | 0.3       | 1       | 0.38  | 83.6      | 6.8736 | 2.3038 |
| 2009 | 6     | 29  | 19   | 16     | 26     | 0.3       | 1       | 0.33  | 74.3      | 6.8929 | 1.929  |
| 2009 | 6     | 29  | 19   | 26     | 26     | 0.3       | 1       | 0.4   | 78.7      | 6.8929 | 2.4112 |
| 2009 | 6     | 29  | 19   | 36     | 26     | 0.3       | 1       | 0.27  | 80.1      | 6.8929 | 1.6075 |
| 2009 | 6     | 29  | 19   | 46     | 26     | 0.3       | 1       | 0.33  | 68.7      | 6.8929 | 1.9089 |
| 2009 | 6     | 29  | 19   | 56     | 26     | 0.3       | 1       | 0.35  | 71.4      | 6.8929 | 2.0294 |
| 2009 | 6     | 29  | 20   | 6      | 26     | 0.3       | 1       | 0.39  | 79.7      | 6.8929 | 2.3308 |
| 2009 | 6     | 29  | 20   | 16     | 26     | 0.3       | 1       | 0.39  | 82.8      | 6.8929 | 2.3911 |
| 2009 | 6     | 29  | 20   | 26     | 26     | 0.3       | 1       | 0.36  | 84.8      | 6.8929 | 2.2103 |
| 2009 | 6     | 29  | 20   | 36     | 26     | 0.3       | 1       | 0.36  | 77.2      | 6.8929 | 2.1299 |
| 2009 | 6     | 29  | 20   | 46     | 26     | 0.3       | 1       | 0.38  | 84.6      | 6.8929 | 2.3308 |
| 2009 | 6     | 29  | 20   | 56     | 26     | 0.3       | 1       | 0.37  | 86        | 6.8929 | 2.2706 |
| 2009 | 6     | 29  | 21   | 6      | 26     | 0.3       | 1       | 0.39  | 92.9      | 6.8929 | 2.371  |
| 2009 | 6     | 29  | 21   | 16     | 26     | 0.3       | 1       | 0.34  | 79.4      | 6.8929 | 2.0495 |
| 2009 | 6     | 29  | 21   | 26     | 26     | 0.3       | 1       | 0.32  | 74.5      | 6.8929 | 1.8888 |
| 2009 | 6     | 29  | 21   | 36     | 26     | 0.3       | 1       | 0.39  | 73.3      | 6.8929 | 2.2706 |
| 2009 | 6     | 29  | 21   | 46     | 26     | 0.3       | 1       | 0.35  | 81.5      | 6.8929 | 2.15   |
| 2009 | 6     | 29  | 21   | 56     | 26     | 0.3       | 1       | 0.38  | 70        | 6.8929 | 2.2103 |
| 2009 | 6     | 29  | 22   | 6      | 26     | 0.3       | 1       | 0.35  | 88.9      | 6.8929 | 2.15   |
| 2009 | 6     | 29  | 22   | 16     | 26     | 0.3       | 1       | 0.43  | 94.8      | 6.8929 | 2.6323 |
| 2009 | 6     | 29  | 22   | 26     | 26     | 0.3       | 1       | 0.34  | 78.4      | 6.8929 | 2.0496 |
| 2009 | 6     | 29  | 22   | 36     | 26     | 0.3       | 1       | 0.35  | 78.6      | 6.8929 | 2.0898 |
| 2009 | 6     | 29  | 22   | 46     | 26     | 0.3       | 1       | 0.29  | 75.8      | 6.8929 | 1.7482 |
| 2009 | 6     | 29  | 22   | 56     | 26     | 0.3       | 1       | 0.36  | 80.5      | 6.8929 | 2.15   |
| 2009 | 6     | 29  | 23   | 6      | 26     | 0.3       | 1       | 0.41  | 84.1      | 6.8929 | 2.5117 |
| 2009 | 6     | 29  | 23   | 16     | 26     | 0.3       | 1       | 0.45  | 89.6      | 6.8929 | 2.7529 |
| 2009 | 6     | 29  | 23   | 26     | 26     | 0.3       | 1       | 0.37  | 78.2      | 6.8929 | 2.2103 |
| 2009 | 6     | 29  | 23   | 36     | 26     | 0.3       | 1       | 0.39  | 84.7      | 6.8929 | 2.3711 |
| 2009 | 6     | 29  | 23   | 46     | 26     | 0.3       | 1       | 0.41  | 91.8      | 6.8929 | 2.4917 |
| 2009 | 6     | 29  | 23   | 56     | 26     | 0.3       | 1       | 0.39  | 94.8      | 6.8929 | 2.3711 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 30  | 0    | 6      | 26     | 0.3       | 1       | 0.4   | 85.3      | 6.8929 | 2.4515 |
| 2009 | 6     | 30  | 0    | 16     | 26     | 0.3       | 1       | 0.36  | 75.6      | 6.8929 | 2.1099 |
| 2009 | 6     | 30  | 0    | 26     | 26     | 0.3       | 1       | 0.36  | 66.7      | 6.8929 | 2.0094 |
| 2009 | 6     | 30  | 0    | 36     | 26     | 0.3       | 1       | 0.36  | 78.4      | 6.8929 | 2.1501 |
| 2009 | 6     | 30  | 0    | 46     | 26     | 0.3       | 1       | 0.4   | 73.8      | 6.8929 | 2.351  |
| 2009 | 6     | 30  | 0    | 56     | 26     | 0.3       | 1       | 0.37  | 76.6      | 6.8929 | 2.1903 |
| 2009 | 6     | 30  | 1    | 6      | 26     | 0.3       | 1       | 0.35  | 79.3      | 6.8929 | 2.13   |
| 2009 | 6     | 30  | 1    | 16     | 26     | 0.3       | 1       | 0.41  | 88.2      | 6.8929 | 2.5319 |
| 2009 | 6     | 30  | 1    | 26     | 26     | 0.3       | 1       | 0.45  | 80.8      | 6.9123 | 2.7411 |
| 2009 | 6     | 30  | 1    | 36     | 26     | 0.3       | 1       | 0.46  | 81.3      | 6.9123 | 2.7814 |
| 2009 | 6     | 30  | 1    | 46     | 26     | 0.3       | 1       | 0.4   | 90.5      | 6.9123 | 2.4589 |
| 2009 | 6     | 30  | 1    | 56     | 26     | 0.3       | 1       | 0.43  | 68        | 6.9123 | 2.4387 |
| 2009 | 6     | 30  | 2    | 6      | 26     | 0.3       | 1       | 0.43  | 87.8      | 6.9316 | 2.6684 |
| 2009 | 6     | 30  | 2    | 16     | 26     | 0.3       | 1       | 0.37  | 79.4      | 6.9123 | 2.2574 |
| 2009 | 6     | 30  | 2    | 26     | 26     | 0.3       | 1       | 0.4   | 85.7      | 6.9316 | 2.4461 |
| 2009 | 6     | 30  | 2    | 36     | 26     | 0.3       | 1       | 0.49  | 92.3      | 6.9316 | 2.9919 |
| 2009 | 6     | 30  | 2    | 46     | 26     | 0.3       | 1       | 0.43  | 82.5      | 6.9316 | 2.6078 |
| 2009 | 6     | 30  | 2    | 56     | 26     | 0.3       | 1       | 0.43  | 93.9      | 6.951  | 2.6764 |
| 2009 | 6     | 30  | 3    | 6      | 26     | 0.3       | 1       | 0.37  | 77.1      | 6.9316 | 2.2035 |
| 2009 | 6     | 30  | 3    | 16     | 26     | 0.3       | 1       | 0.43  | 81.3      | 6.951  | 2.6359 |
| 2009 | 6     | 30  | 3    | 26     | 26     | 0.3       | 1       | 0.36  | 82.1      | 6.951  | 2.1898 |
| 2009 | 6     | 30  | 3    | 36     | 26     | 0.3       | 1       | 0.4   | 84.8      | 6.9704 | 2.4404 |
| 2009 | 6     | 30  | 3    | 46     | 26     | 0.3       | 1       | 0.44  | 85.3      | 6.9704 | 2.7454 |
| 2009 | 6     | 30  | 3    | 56     | 26     | 0.3       | 1       | 0.48  | 88.4      | 6.9704 | 2.9895 |
| 2009 | 6     | 30  | 4    | 6      | 26     | 0.3       | 1       | 0.4   | 87.2      | 6.9897 | 2.4681 |
| 2009 | 6     | 30  | 4    | 16     | 26     | 0.3       | 1       | 0.51  | 82.2      | 6.9897 | 3.1208 |
| 2009 | 6     | 30  | 4    | 26     | 26     | 0.3       | 1       | 0.51  | 80.3      | 6.9897 | 3.1004 |
| 2009 | 6     | 30  | 4    | 36     | 26     | 0.3       | 1       | 0.38  | 78.7      | 6.9897 | 2.3457 |
| 2009 | 6     | 30  | 4    | 46     | 26     | 0.3       | 1       | 0.47  | 93.2      | 6.9897 | 2.8964 |
| 2009 | 6     | 30  | 4    | 56     | 26     | 0.3       | 1       | 0.43  | 81.3      | 6.9897 | 2.672  |
| 2009 | 6     | 30  | 5    | 6      | 26     | 0.3       | 1       | 0.45  | 86.2      | 6.9897 | 2.7944 |
| 2009 | 6     | 30  | 5    | 16     | 26     | 0.3       | 1       | 0.48  | 91.6      | 7.0091 | 3.0073 |
| 2009 | 6     | 30  | 5    | 26     | 26     | 0.3       | 1       | 0.45  | 96.3      | 7.0091 | 2.7618 |
| 2009 | 6     | 30  | 5    | 36     | 26     | 0.3       | 1       | 0.5   | 88.1      | 7.0091 | 3.1096 |
| 2009 | 6     | 30  | 5    | 46     | 26     | 0.3       | 1       | 0.43  | 80.8      | 7.0091 | 2.6595 |
| 2009 | 6     | 30  | 5    | 56     | 26     | 0.3       | 1       | 0.45  | 87.9      | 7.0091 | 2.8027 |
| 2009 | 6     | 30  | 6    | 6      | 26     | 0.3       | 1       | 0.51  | 83        | 7.0091 | 3.1505 |
| 2009 | 6     | 30  | 6    | 16     | 26     | 0.3       | 1       | 0.46  | 83        | 7.0091 | 2.8437 |
| 2009 | 6     | 30  | 6    | 26     | 26     | 0.3       | 1       | 0.48  | 78.6      | 7.0091 | 2.9459 |
| 2009 | 6     | 30  | 6    | 36     | 26     | 0.3       | 1       | 0.51  | 78.9      | 7.0091 | 3.1301 |
| 2009 | 6     | 30  | 6    | 46     | 26     | 0.3       | 1       | 0.51  | 74.5      | 7.0091 | 3.0892 |
| 2009 | 6     | 30  | 6    | 56     | 26     | 0.3       | 1       | 0.41  | 95        | 7.0091 | 2.5572 |
| 2009 | 6     | 30  | 7    | 6      | 26     | 0.3       | 1       | 0.47  | 86.4      | 7.0091 | 2.905  |
| 2009 | 6     | 30  | 7    | 16     | 26     | 0.3       | 1       | 0.49  | 95        | 7.0091 | 3.0278 |
| 2009 | 6     | 30  | 7    | 26     | 26     | 0.3       | 1       | 0.5   | 84        | 7.0091 | 3.1301 |
| 2009 | 6     | 30  | 7    | 36     | 26     | 0.3       | 1       | 0.45  | 82        | 7.0091 | 2.7618 |
| 2009 | 6     | 30  | 7    | 46     | 26     | 0.3       | 1       | 0.45  | 85        | 7.0091 | 2.8027 |
| 2009 | 6     | 30  | 7    | 56     | 26     | 0.3       | 1       | 0.51  | 86.3      | 7.0091 | 3.1914 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 30  | 8    | 6      | 26     | 0.3       | 1       | 0.46  | 81.5      | 7.0091 | 2.8641 |
| 2009 | 6     | 30  | 8    | 16     | 26     | 0.3       | 1       | 0.45  | 87.5      | 7.0091 | 2.8232 |
| 2009 | 6     | 30  | 8    | 26     | 26     | 0.3       | 1       | 0.55  | 83.1      | 7.0091 | 3.3755 |
| 2009 | 6     | 30  | 8    | 36     | 26     | 0.3       | 1       | 0.52  | 90        | 7.0091 | 3.2323 |
| 2009 | 6     | 30  | 8    | 46     | 26     | 0.3       | 1       | 0.45  | 91.2      | 7.0091 | 2.8232 |
| 2009 | 6     | 30  | 8    | 56     | 26     | 0.3       | 1       | 0.52  | 92.2      | 7.0091 | 3.2119 |
| 2009 | 6     | 30  | 9    | 6      | 26     | 0.3       | 1       | 0.48  | 88.1      | 7.0091 | 3.0073 |
| 2009 | 6     | 30  | 9    | 16     | 26     | 0.3       | 1       | 0.43  | 76        | 7.0091 | 2.6186 |
| 2009 | 6     | 30  | 9    | 26     | 26     | 0.3       | 1       | 0.46  | 88.8      | 7.0284 | 2.8725 |
| 2009 | 6     | 30  | 9    | 36     | 26     | 0.3       | 1       | 0.48  | 92.3      | 7.0091 | 3.0073 |
| 2009 | 6     | 30  | 9    | 46     | 26     | 0.3       | 1       | 0.44  | 81.4      | 7.0091 | 2.7208 |
| 2009 | 6     | 30  | 9    | 56     | 26     | 0.3       | 1       | 0.46  | 85.5      | 7.0091 | 2.864  |
| 2009 | 6     | 30  | 10   | 6      | 26     | 0.3       | 1       | 0.47  | 88        | 7.0091 | 2.9458 |
| 2009 | 6     | 30  | 10   | 16     | 26     | 0.3       | 1       | 0.51  | 86.3      | 7.0091 | 3.1504 |
| 2009 | 6     | 30  | 10   | 26     | 26     | 0.3       | 1       | 0.47  | 90        | 7.0091 | 2.9049 |
| 2009 | 6     | 30  | 10   | 36     | 26     | 0.3       | 1       | 0.48  | 82.6      | 7.0091 | 2.9867 |
| 2009 | 6     | 30  | 10   | 46     | 26     | 0.3       | 1       | 0.48  | 80.5      | 7.0091 | 2.9253 |
| 2009 | 6     | 30  | 10   | 56     | 26     | 0.3       | 1       | 0.56  | 76.5      | 6.9897 | 3.3858 |
| 2009 | 6     | 30  | 11   | 6      | 26     | 0.3       | 1       | 0.46  | 71.7      | 6.9897 | 2.7127 |
| 2009 | 6     | 30  | 11   | 16     | 26     | 0.3       | 1       | 0.51  | 82.6      | 6.9897 | 3.141  |
| 2009 | 6     | 30  | 11   | 26     | 26     | 0.3       | 1       | 0.44  | 78.8      | 6.9704 | 2.664  |
| 2009 | 6     | 30  | 11   | 36     | 26     | 0.3       | 1       | 0.48  | 68.6      | 6.9704 | 2.7453 |
| 2009 | 6     | 30  | 11   | 46     | 26     | 0.3       | 1       | 0.45  | 81.3      | 6.9704 | 2.786  |
| 2009 | 6     | 30  | 11   | 56     | 26     | 0.3       | 1       | 0.46  | 80.6      | 6.9704 | 2.8266 |
| 2009 | 6     | 30  | 12   | 6      | 26     | 0.3       | 1       | 0.48  | 78.5      | 6.951  | 2.879  |
| 2009 | 6     | 30  | 12   | 16     | 26     | 0.3       | 1       | 0.43  | 72.8      | 6.9704 | 2.5622 |
| 2009 | 6     | 30  | 12   | 26     | 26     | 0.3       | 1       | 0.48  | 83        | 6.951  | 2.9601 |
| 2009 | 6     | 30  | 12   | 36     | 26     | 0.3       | 1       | 0.39  | 72        | 6.9704 | 2.3182 |
| 2009 | 6     | 30  | 12   | 46     | 26     | 0.3       | 1       | 0.56  | 71.1      | 6.9704 | 3.274  |
| 2009 | 6     | 30  | 12   | 56     | 26     | 0.3       | 1       | 0.5   | 78.2      | 6.951  | 3.0006 |
| 2009 | 6     | 30  | 13   | 6      | 26     | 0.3       | 1       | 0.45  | 69.4      | 6.951  | 2.5951 |
| 2009 | 6     | 30  | 13   | 16     | 26     | 0.3       | 1       | 0.47  | 67        | 6.9704 | 2.6842 |
| 2009 | 6     | 30  | 13   | 26     | 26     | 0.3       | 1       | 0.41  | 74.3      | 6.951  | 2.4532 |
| 2009 | 6     | 30  | 13   | 36     | 26     | 0.3       | 1       | 0.45  | 64.4      | 6.951  | 2.5343 |
| 2009 | 6     | 30  | 13   | 46     | 26     | 0.3       | 1       | 0.43  | 64.4      | 6.951  | 2.3721 |
| 2009 | 6     | 30  | 13   | 56     | 26     | 0.3       | 1       | 0.44  | 70.8      | 6.951  | 2.5546 |
| 2009 | 6     | 30  | 14   | 6      | 26     | 0.3       | 1       | 0.45  | 73.4      | 6.951  | 2.6559 |
| 2009 | 6     | 30  | 14   | 16     | 26     | 0.3       | 1       | 0.48  | 64.8      | 6.951  | 2.6762 |
| 2009 | 6     | 30  | 14   | 26     | 26     | 0.3       | 1       | 0.49  | 74.4      | 6.9316 | 2.8905 |
| 2009 | 6     | 30  | 14   | 36     | 26     | 0.3       | 1       | 0.43  | 69.9      | 6.9316 | 2.4863 |
| 2009 | 6     | 30  | 14   | 46     | 26     | 0.3       | 1       | 0.46  | 71.8      | 6.9316 | 2.7086 |
| 2009 | 6     | 30  | 14   | 56     | 26     | 0.3       | 1       | 0.45  | 72.7      | 6.9316 | 2.6682 |
| 2009 | 6     | 30  | 15   | 6      | 26     | 0.3       | 1       | 0.51  | 72.4      | 6.9316 | 2.9916 |
| 2009 | 6     | 30  | 15   | 16     | 26     | 0.3       | 1       | 0.54  | 62        | 6.9316 | 2.931  |
| 2009 | 6     | 30  | 15   | 26     | 26     | 0.3       | 1       | 0.47  | 78.8      | 6.9316 | 2.8501 |
| 2009 | 6     | 30  | 15   | 36     | 26     | 0.3       | 1       | 0.42  | 72.1      | 6.9316 | 2.4458 |
| 2009 | 6     | 30  | 15   | 46     | 26     | 0.3       | 1       | 0.42  | 75.5      | 6.9316 | 2.5065 |
| 2009 | 6     | 30  | 15   | 56     | 26     | 0.3       | 1       | 0.42  | 66.4      | 6.9316 | 2.365  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area   | Flow   |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|--------|--------|
| 2009 | 6     | 30  | 16   | 6      | 26     | 0.3       | 1       | 0.5   | 77.1      | 6.9316 | 3.0118 |
| 2009 | 6     | 30  | 16   | 16     | 26     | 0.3       | 1       | 0.41  | 65.7      | 6.9316 | 2.2841 |
| 2009 | 6     | 30  | 16   | 26     | 26     | 0.3       | 1       | 0.44  | 78.9      | 6.9316 | 2.6682 |
| 2009 | 6     | 30  | 16   | 36     | 26     | 0.3       | 1       | 0.44  | 71.6      | 6.9316 | 2.5469 |
| 2009 | 6     | 30  | 16   | 46     | 26     | 0.3       | 1       | 0.47  | 83.6      | 6.9316 | 2.8704 |
| 2009 | 6     | 30  | 16   | 56     | 26     | 0.3       | 1       | 0.52  | 81.7      | 6.9316 | 3.1938 |
| 2009 | 6     | 30  | 17   | 6      | 26     | 0.3       | 1       | 0.46  | 76.1      | 6.9316 | 2.7693 |
| 2009 | 6     | 30  | 17   | 16     | 26     | 0.3       | 1       | 0.57  | 77.3      | 6.9316 | 3.4162 |
| 2009 | 6     | 30  | 17   | 26     | 26     | 0.3       | 1       | 0.49  | 77.3      | 6.9316 | 2.9512 |
| 2009 | 6     | 30  | 17   | 36     | 26     | 0.3       | 1       | 0.53  | 73.7      | 6.9316 | 3.113  |
| 2009 | 6     | 30  | 17   | 46     | 26     | 0.3       | 1       | 0.45  | 83.2      | 6.9316 | 2.7289 |
| 2009 | 6     | 30  | 17   | 56     | 26     | 0.3       | 1       | 0.52  | 80.5      | 6.9316 | 3.1332 |
| 2009 | 6     | 30  | 18   | 6      | 26     | 0.3       | 1       | 0.48  | 74.2      | 6.9316 | 2.8502 |
| 2009 | 6     | 30  | 18   | 16     | 26     | 0.3       | 1       | 0.49  | 79.6      | 6.9316 | 2.9715 |
| 2009 | 6     | 30  | 18   | 26     | 26     | 0.3       | 1       | 0.52  | 76.2      | 6.9316 | 3.1332 |
| 2009 | 6     | 30  | 18   | 36     | 26     | 0.3       | 1       | 0.43  | 86        | 6.9316 | 2.6279 |
| 2009 | 6     | 30  | 18   | 46     | 26     | 0.3       | 1       | 0.52  | 84.3      | 6.9316 | 3.2141 |
| 2009 | 6     | 30  | 18   | 56     | 26     | 0.3       | 1       | 0.45  | 79.6      | 6.9316 | 2.7491 |
| 2009 | 6     | 30  | 19   | 6      | 26     | 0.3       | 1       | 0.52  | 87.5      | 6.9316 | 3.2141 |
| 2009 | 6     | 30  | 19   | 16     | 26     | 0.3       | 1       | 0.5   | 81        | 6.9316 | 3.0726 |
| 2009 | 6     | 30  | 19   | 26     | 26     | 0.3       | 1       | 0.58  | 81.5      | 6.9316 | 3.5375 |
| 2009 | 6     | 30  | 19   | 36     | 26     | 0.3       | 1       | 0.59  | 74.9      | 6.9316 | 3.5173 |
| 2009 | 6     | 30  | 19   | 46     | 26     | 0.3       | 1       | 0.48  | 78.2      | 6.9316 | 2.9109 |
| 2009 | 6     | 30  | 19   | 56     | 26     | 0.3       | 1       | 0.41  | 88.6      | 6.9316 | 2.5066 |
| 2009 | 6     | 30  | 20   | 6      | 26     | 0.3       | 1       | 0.57  | 83.7      | 6.951  | 3.4873 |
| 2009 | 6     | 30  | 20   | 16     | 26     | 0.3       | 1       | 0.48  | 94.7      | 6.951  | 2.9399 |
| 2009 | 6     | 30  | 20   | 26     | 26     | 0.3       | 1       | 0.55  | 85.5      | 6.951  | 3.3657 |
| 2009 | 6     | 30  | 20   | 36     | 26     | 0.3       | 1       | 0.52  | 86        | 6.951  | 3.1832 |
| 2009 | 6     | 30  | 20   | 46     | 26     | 0.3       | 1       | 0.57  | 82.1      | 6.951  | 3.4873 |
| 2009 | 6     | 30  | 20   | 56     | 26     | 0.3       | 1       | 0.54  | 84        | 6.951  | 3.3049 |
| 2009 | 6     | 30  | 21   | 6      | 26     | 0.3       | 1       | 0.49  | 78        | 6.951  | 2.9602 |
| 2009 | 6     | 30  | 21   | 16     | 26     | 0.3       | 1       | 0.5   | 80.5      | 6.9704 | 3.03   |
| 2009 | 6     | 30  | 21   | 26     | 26     | 0.3       | 1       | 0.61  | 85.4      | 6.951  | 3.7509 |
| 2009 | 6     | 30  | 21   | 36     | 26     | 0.3       | 1       | 0.54  | 86.9      | 6.951  | 3.3454 |
| 2009 | 6     | 30  | 21   | 46     | 26     | 0.3       | 1       | 0.48  | 75.2      | 6.951  | 2.8385 |
| 2009 | 6     | 30  | 21   | 56     | 26     | 0.3       | 1       | 0.53  | 82.9      | 6.9704 | 3.2741 |
| 2009 | 6     | 30  | 22   | 6      | 26     | 0.3       | 1       | 0.52  | 84.2      | 6.951  | 3.1832 |
| 2009 | 6     | 30  | 22   | 16     | 26     | 0.3       | 1       | 0.54  | 92.8      | 6.9704 | 3.3351 |
| 2009 | 6     | 30  | 22   | 26     | 26     | 0.3       | 1       | 0.56  | 85        | 6.9704 | 3.4774 |
| 2009 | 6     | 30  | 22   | 36     | 26     | 0.3       | 1       | 0.54  | 86.5      | 6.9704 | 3.3351 |
| 2009 | 6     | 30  | 22   | 46     | 26     | 0.3       | 1       | 0.44  | 92.1      | 6.9704 | 2.7454 |
| 2009 | 6     | 30  | 22   | 56     | 26     | 0.3       | 1       | 0.46  | 85.5      | 6.9897 | 2.8351 |
| 2009 | 6     | 30  | 23   | 6      | 26     | 0.3       | 1       | 0.57  | 83        | 6.9704 | 3.4978 |
| 2009 | 6     | 30  | 23   | 16     | 26     | 0.3       | 1       | 0.51  | 83.4      | 6.9897 | 3.1615 |
| 2009 | 6     | 30  | 23   | 26     | 26     | 0.3       | 1       | 0.49  | 85.8      | 6.9897 | 3.0595 |
| 2009 | 6     | 30  | 23   | 36     | 26     | 0.3       | 1       | 0.48  | 83.4      | 6.9897 | 2.9779 |
| 2009 | 6     | 30  | 23   | 46     | 26     | 0.3       | 1       | 0.58  | 96.8      | 6.9897 | 3.5898 |
| 2009 | 6     | 30  | 23   | 56     | 26     | 0.3       | 1       | 0.53  | 89.3      | 6.9704 | 3.2741 |

File\_Name 090601EG.LOR.WAD  
 Start\_Date\_and\_Time 2009/06/01 13:11:53  
 Site\_Name LOR EAST OF GOOSE  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P1685  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge REW  
 #\_Stations 26  
 Total\_Width 42.300 ft  
 Total\_Area 87.996 ft^2  
 Total\_Discharge 64.8007 cfs  
 Mean\_Depth 2.080 ft  
 Mean\_Velocity 0.7364 ft/s  
 Mean\_SNR 31.1 dB  
 Mean\_Verr 0.0185 ft/s  
 Mean\_Temp 65.99 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 2.4 %  
 Accuracy 1.0 %  
 Depth 0.1 %  
 Velocity 0.4 %  
 Width 0.1 %  
 Method 1.0 %  
 #\_Stations 2.0 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 2.8 %  
 Accuracy 1.0 %  
 Depth 0.5 %  
 Velocity 2.6 %  
 Width 0.1 %

#### Supplemental\_Data

Gauge\_Height\_Change -0.020 ft

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/01 | 13:10:39 | 0.000        | 2.430            | 76.6745         |          |
| 02     | 2009/06/01 | 14:02:54 | 56.600       | 2.410            | 75.5444         |          |

## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/1/2009 13:10

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc  | Depth | %Dep | MeasD | Npts | Spike | Vel    | SNR  | Angle | Verr   | Bnd | Temp   | CorrFact | MeanV   | Area   | Flow    | %Q   |
|----|-------|------|-------|------|-------|------|-------|--------|------|-------|--------|-----|--------|----------|---------|--------|---------|------|
| () | ()    | (ft) | (ft)  | (*D) | (ft)  | ()   | ()    | (ft/s) | (dB) | (deg) | (ft/s) | ()  | (degF) | ()       | (ft/s)  | (ft^2) | (cfs)   | (%)  |
| 0  | 13:11 | 14.3 | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0       | 0      | 0       | 0    |
| 1  | 13:11 | 16   | 0.5   | 0.6  | 0.2   | 40   | 0     | -0.208 | 35   | -169  | 0.005  | 0   | 66.02  | 1        | -0.2083 | 0.675  | -0.1406 | -0.2 |
| 2  | 13:12 | 17   | 0.8   | 0.6  | 0.32  | 40   | 0     | -0.2   | 36.3 | -160  | 0.026  | 0   | 66     | 1        | -0.1998 | 0.8    | -0.1598 | -0.2 |
| 3  | 13:14 | 18   | 1.08  | 0.6  | 0.432 | 40   | 1     | 0.06   | 33.1 | 9     | 0.037  | 0   | 65.98  | 1        | 0.06    | 1.08   | 0.0648  | 0.1  |
| 4  | 13:15 | 19   | 1.37  | 0.6  | 0.548 | 40   | 0     | -0.073 | 29.4 | -141  | 0.026  | 0   | 65.98  | 1        | -0.0732 | 1.37   | -0.1002 | -0.2 |
| 5  | 13:17 | 20   | 1.61  | 0.2  | 1.288 | 40   | 0     | 0.152  | 29   | -10   | 0.016  | 0   | 66     | 1        | 0.0805  | 1.61   | 0.1297  | 0.2  |
| 5  | 13:16 | 20   | 1.61  | 0.8  | 0.322 | 40   | 2     | 0.009  | 30.9 | -84   | 0.012  | 0   | 65.98  | 0        | 0       | 0      | 0       | 0    |
| 6  | 13:18 | 21   | 1.9   | 0.2  | 1.52  | 40   | 0     | 0.106  | 30.9 | 17    | 0.024  | 0   | 66.02  | 1        | 0.4104  | 1.9    | 0.7796  | 1.2  |
| 6  | 13:20 | 21   | 1.9   | 0.6  | 0.76  | 40   | 0     | 0.503  | 29   | -13   | 0.018  | 0   | 65.98  | 0        | 0       | 0      | 0       | 0    |
| 6  | 13:19 | 21   | 1.9   | 0.8  | 0.38  | 40   | 0     | 0.529  | 29   | 1     | 0.024  | 0   | 66     | 0        | 0       | 0      | 0       | 0    |
| 7  | 13:22 | 22   | 2.12  | 0.2  | 1.696 | 40   | 1     | 0.153  | 28.8 | -9    | 0.028  | 0   | 65.98  | 1        | 0.457   | 3.18   | 1.4534  | 2.2  |
| 7  | 13:23 | 22   | 2.12  | 0.6  | 0.848 | 40   | 0     | 0.613  | 29   | 4     | 0.037  | 0   | 66     | 0        | 0       | 0      | 0       | 0    |
| 7  | 13:22 | 22   | 2.12  | 0.8  | 0.424 | 40   | 2     | 0.449  | 29.7 | -5    | 0.02   | 0   | 65.98  | 0        | 0       | 0      | 0       | 0    |
| 8  | 13:26 | 24   | 2.5   | 0.2  | 2     | 40   | 0     | 0.721  | 28.3 | 5     | 0.025  | 0   | 65.97  | 1        | 0.6965  | 5      | 3.4826  | 5.4  |
| 8  | 13:25 | 24   | 2.5   | 0.8  | 0.5   | 40   | 0     | 0.672  | 28.6 | 0     | 0.024  | 0   | 65.97  | 0        | 0       | 0      | 0       | 0    |
| 9  | 13:27 | 26   | 2.72  | 0.2  | 2.176 | 40   | 0     | 1.084  | 28.4 | -2    | 0.023  | 0   | 65.97  | 1        | 0.9787  | 5.44   | 5.3243  | 8.2  |
| 9  | 13:29 | 26   | 2.72  | 0.8  | 0.544 | 40   | 0     | 0.874  | 28.6 | 3     | 0.028  | 0   | 65.97  | 0        | 0       | 0      | 0       | 0    |
| 10 | 13:31 | 28   | 2.8   | 0.2  | 2.24  | 40   | 2     | 1.145  | 27.9 | 5     | 0.022  | 0   | 65.97  | 1        | 1.0499  | 5.6    | 5.879   | 9.1  |
| 10 | 13:30 | 28   | 2.8   | 0.8  | 0.56  | 40   | 0     | 0.954  | 29   | -2    | 0.029  | 0   | 65.97  | 0        | 0       | 0      | 0       | 0    |
| 11 | 13:32 | 30   | 2.8   | 0.2  | 2.24  | 40   | 0     | 1.193  | 28.4 | 0     | 0.018  | 0   | 65.98  | 1        | 1.105   | 5.6    | 6.1876  | 9.5  |
| 11 | 13:33 | 30   | 2.8   | 0.8  | 0.56  | 40   | 0     | 1.017  | 28.8 | 6     | 0.03   | 0   | 65.98  | 0        | 0       | 0      | 0       | 0    |
| 12 | 13:35 | 32   | 2.8   | 0.2  | 2.24  | 40   | 0     | 1.263  | 28.3 | 3     | 0.014  | 0   | 65.98  | 1        | 1.2689  | 5.6    | 7.1053  | 11   |
| 12 | 13:34 | 32   | 2.8   | 0.8  | 0.56  | 40   | 0     | 1.275  | 27.9 | 2     | 0.012  | 0   | 65.98  | 0        | 0       | 0      | 0       | 0    |
| 13 | 13:36 | 34   | 2.78  | 0.2  | 2.224 | 40   | 0     | 1.093  | 28.1 | 5     | 0.014  | 0   | 65.98  | 1        | 0.9742  | 5.56   | 5.4165  | 8.4  |
| 13 | 13:37 | 34   | 2.78  | 0.8  | 0.556 | 40   | 0     | 0.855  | 29.2 | 2     | 0.02   | 0   | 65.98  | 0        | 0       | 0      | 0       | 0    |
| 14 | 13:39 | 36   | 2.78  | 0.2  | 2.224 | 40   | 1     | 1.133  | 29   | 4     | 0.009  | 0   | 65.98  | 1        | 0.9826  | 5.56   | 5.463   | 8.4  |
| 14 | 13:38 | 36   | 2.78  | 0.8  | 0.556 | 40   | 1     | 0.832  | 28.6 | 3     | 0.017  | 0   | 65.98  | 0        | 0       | 0      | 0       | 0    |
| 15 | 13:40 | 38   | 2.74  | 0.2  | 2.192 | 40   | 1     | 1.051  | 28.4 | 3     | 0.011  | 0   | 65.98  | 1        | 0.9008  | 5.48   | 4.9364  | 7.6  |
| 15 | 13:41 | 38   | 2.74  | 0.8  | 0.548 | 40   | 0     | 0.751  | 29.7 | 1     | 0.022  | 0   | 65.98  | 0        | 0       | 0      | 0       | 0    |
| 16 | 13:44 | 40   | 2.74  | 0.2  | 2.192 | 40   | 0     | 0.901  | 28.8 | 4     | 0.018  | 0   | 65.98  | 1        | 0.7963  | 5.48   | 4.3638  | 6.7  |
| 16 | 13:43 | 40   | 2.74  | 0.8  | 0.548 | 40   | 0     | 0.692  | 28.8 | 0     | 0.023  | 0   | 65.98  | 0        | 0       | 0      | 0       | 0    |
| 17 | 13:46 | 42   | 2.61  | 0.2  | 2.088 | 40   | 1     | 0.805  | 27.7 | 5     | 0.018  | 0   | 65.98  | 1        | 0.6942  | 5.22   | 3.6237  | 5.6  |
| 17 | 13:47 | 42   | 2.61  | 0.8  | 0.522 | 40   | 2     | 0.583  | 29.4 | -2    | 0.024  | 0   | 65.98  | 0        | 0       | 0      | 0       | 0    |
| 18 | 13:49 | 44   | 2.57  | 0.2  | 2.056 | 40   | 0     | 0.679  | 28.8 | 2     | 0.012  | 0   | 65.98  | 1        | 0.6366  | 5.14   | 3.2722  | 5    |
| 18 | 13:48 | 44   | 2.57  | 0.8  | 0.514 | 40   | 0     | 0.594  | 28.2 | -5    | 0.021  | 0   | 65.98  | 0        | 0       | 0      | 0       | 0    |
| 19 | 13:50 | 46   | 2.54  | 0.2  | 2.032 | 40   | 0     | 0.615  | 29   | 3     | 0.013  | 0   | 65.98  | 1        | 0.5474  | 5.08   | 2.7809  | 4.3  |
| 19 | 13:51 | 46   | 2.54  | 0.8  | 0.508 | 40   | 2     | 0.48   | 28.8 | -3    | 0.017  | 0   | 65.97  | 0        | 0       | 0      | 0       | 0    |
| 20 | 13:53 | 48   | 2.38  | 0.2  | 1.904 | 40   | 0     | 0.558  | 28.1 | 4     | 0.017  | 0   | 65.98  | 1        | 0.4687  | 4.76   | 2.2308  | 3.4  |
| 20 | 13:52 | 48   | 2.38  | 0.8  | 0.476 | 40   | 0     | 0.38   | 28.6 | -3    | 0.011  | 0   | 65.97  | 0        | 0       | 0      | 0       | 0    |
| 21 | 13:54 | 50   | 1.9   | 0.2  | 1.52  | 40   | 0     | 0.363  | 28.1 | 13    | 0.017  | 0   | 65.97  | 1        | 0.4515  | 3.8    | 1.7157  | 2.6  |

|    |       |      |      |     |       |    |   |        |      |      |       |   |       |   |         |       |         |      |
|----|-------|------|------|-----|-------|----|---|--------|------|------|-------|---|-------|---|---------|-------|---------|------|
| 21 | 13:56 | 50   | 1.9  | 0.6 | 0.76  | 40 | 0 | 0.487  | 28.6 | -1   | 0.008 | 0 | 65.98 | 0 | 0       | 0     | 0       | 0    |
| 21 | 13:55 | 50   | 1.9  | 0.8 | 0.38  | 40 | 1 | 0.47   | 28.3 | -11  | 0.014 | 0 | 65.98 | 0 | 0       | 0     | 0       | 0    |
| 22 | 13:57 | 52   | 1.22 | 0.6 | 0.488 | 40 | 1 | 0.4    | 28.3 | -1   | 0.01  | 0 | 65.98 | 1 | 0.3996  | 2.44  | 0.9752  | 1.5  |
| 23 | 13:59 | 54   | 0.7  | 0.6 | 0.28  | 40 | 0 | 0.053  | 49.6 | -64  | 0.013 | 0 | 66    | 1 | 0.0528  | 1.05  | 0.0555  | 0.1  |
| 24 | 14:00 | 55   | 0.44 | 0.6 | 0.176 | 40 | 0 | -0.068 | 45.3 | -175 | 0.004 | 0 | 66.04 | 1 | -0.0676 | 0.572 | -0.0387 | -0.1 |
| 25 | 14:00 | 56.6 | 0    | 0   | 0     | 0  | 0 | 0      | 0    | 0    | 0     | 0 | 0     | 1 | 0       | 0     | 0       | 0    |

File\_Name 090604EG.LOR.WAD  
 Start\_Date\_and\_Time 2009/06/04 13:18:09  
 Site\_Name LOR EAST OF GOOSE  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P1685  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge REW  
 #\_Stations 23  
 Total\_Width 38.900 ft  
 Total\_Area 67.315 ft^2  
 Total\_Discharge 51.0575 cfs  
 Mean\_Depth 1.730 ft  
 Mean\_Velocity 0.7585 ft/s  
 Mean\_SNR 28.9 dB  
 Mean\_Verr 0.0174 ft/s  
 Mean\_Temp 62.44 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 2.6 %  
 Accuracy 1.0 %  
 Depth 0.1 %  
 Velocity 0.4 %  
 Width 0.1 %  
 Method 1.0 %  
 #\_Stations 2.2 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 2.3 %  
 Accuracy 1.0 %  
 Depth 0.6 %  
 Velocity 2.0 %  
 Width 0.1 %

#### Supplemental\_Data

Gauge\_Height\_Change 0.000 ft

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/04 | 13:14:14 | 0.000        | 1.910            | 53.7531         |          |
| 02     | 2009/06/04 | 13:58:44 | 54.700       | 1.910            | 53.1431         |          |

## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/4/2009 13:14

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc  | Depth | %Dep | MeasD | Npts | Spike | Vel    | SNR  | Angle | Verr   | Bnd | Temp   | CorrFact | MeanV   | Area   | Flow    | %Q   |
|----|-------|------|-------|------|-------|------|-------|--------|------|-------|--------|-----|--------|----------|---------|--------|---------|------|
| () | ()    | (ft) | (ft)  | (*D) | (ft)  | ()   | ()    | (ft/s) | (dB) | (deg) | (ft/s) | ()  | (degF) | ()       | (ft/s)  | (ft^2) | (cfs)   | (%)  |
| 0  | 13:18 | 15.8 | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0       | 0      | 0       | 0    |
| 1  | 13:18 | 18   | 0.58  | 0.6  | 0.232 | 40   | 0     | -0.069 | 29.4 | -165  | 0.016  | 0   | 62.38  | 1        | -0.0689 | 0.928  | -0.0639 | -0.1 |
| 2  | 13:19 | 19   | 0.84  | 0.6  | 0.336 | 40   | 0     | 0.016  | 30.9 | -63   | 0.012  | 0   | 62.29  | 1        | 0.0157  | 0.84   | 0.0132  | 0    |
| 3  | 13:20 | 20   | 1.12  | 0.6  | 0.448 | 40   | 0     | -0.002 | 29.2 | 92    | 0.014  | 0   | 62.28  | 1        | -0.0016 | 1.12   | -0.0018 | 0    |
| 4  | 13:21 | 21   | 1.39  | 0.6  | 0.556 | 40   | 0     | 0.346  | 28.6 | 5     | 0.024  | 0   | 62.28  | 1        | 0.3458  | 1.39   | 0.4807  | 0.9  |
| 5  | 13:23 | 22   | 1.62  | 0.2  | 1.296 | 40   | 0     | 0.373  | 29.2 | -4    | 0.021  | 0   | 62.24  | 1        | 0.3752  | 2.43   | 0.9117  | 1.8  |
| 5  | 13:24 | 22   | 1.62  | 0.6  | 0.648 | 40   | 1     | 0.331  | 28.8 | -14   | 0.019  | 0   | 62.28  | 0        | 0       | 0      | 0       | 0    |
| 5  | 13:22 | 22   | 1.62  | 0.8  | 0.324 | 40   | 0     | 0.465  | 29   | -2    | 0.022  | 0   | 62.22  | 0        | 0       | 0      | 0       | 0    |
| 6  | 13:26 | 24   | 2     | 0.2  | 1.6   | 40   | 0     | 0.668  | 29.4 | 3     | 0.023  | 0   | 62.28  | 1        | 0.5887  | 4      | 2.355   | 4.6  |
| 6  | 13:25 | 24   | 2     | 0.8  | 0.4   | 40   | 0     | 0.51   | 29.4 | 10    | 0.023  | 0   | 62.26  | 0        | 0       | 0      | 0       | 0    |
| 7  | 13:27 | 26   | 2.19  | 0.2  | 1.752 | 40   | 1     | 0.945  | 29   | 2     | 0.019  | 0   | 62.28  | 1        | 0.8563  | 4.38   | 3.7505  | 7.3  |
| 7  | 13:28 | 26   | 2.19  | 0.8  | 0.438 | 40   | 1     | 0.768  | 29.4 | 6     | 0.021  | 0   | 62.29  | 0        | 0       | 0      | 0       | 0    |
| 8  | 13:30 | 28   | 2.28  | 0.2  | 1.824 | 40   | 0     | 1.045  | 28.6 | 9     | 0.022  | 0   | 62.33  | 1        | 0.9196  | 4.56   | 4.1932  | 8.2  |
| 8  | 13:29 | 28   | 2.28  | 0.8  | 0.456 | 40   | 0     | 0.795  | 29   | 9     | 0.035  | 0   | 62.31  | 0        | 0       | 0      | 0       | 0    |
| 9  | 13:32 | 30   | 2.31  | 0.2  | 1.848 | 40   | 0     | 1.236  | 27.9 | 4     | 0.013  | 0   | 62.35  | 1        | 1.1086  | 4.62   | 5.1218  | 10   |
| 9  | 13:33 | 30   | 2.31  | 0.8  | 0.462 | 40   | 1     | 0.981  | 29   | 3     | 0.025  | 0   | 62.37  | 0        | 0       | 0      | 0       | 0    |
| 10 | 13:35 | 32   | 2.3   | 0.2  | 1.84  | 40   | 0     | 1.237  | 28.6 | 7     | 0.013  | 0   | 62.38  | 1        | 1.1327  | 4.6    | 5.2102  | 10.2 |
| 10 | 13:34 | 32   | 2.3   | 0.8  | 0.46  | 40   | 1     | 1.029  | 28.6 | 5     | 0.019  | 0   | 62.37  | 0        | 0       | 0      | 0       | 0    |
| 11 | 13:36 | 34   | 2.27  | 0.2  | 1.816 | 40   | 0     | 1.2    | 28.3 | 5     | 0.014  | 0   | 62.4   | 1        | 1.0702  | 4.54   | 4.8588  | 9.5  |
| 11 | 13:37 | 34   | 2.27  | 0.8  | 0.454 | 40   | 0     | 0.941  | 29   | 6     | 0.017  | 0   | 62.42  | 0        | 0       | 0      | 0       | 0    |
| 12 | 13:39 | 36   | 2.26  | 0.2  | 1.808 | 40   | 0     | 1.064  | 28.8 | 8     | 0.024  | 0   | 62.44  | 1        | 0.8909  | 4.52   | 4.0266  | 7.9  |
| 12 | 13:38 | 36   | 2.26  | 0.8  | 0.452 | 40   | 1     | 0.718  | 29   | 3     | 0.022  | 0   | 62.44  | 0        | 0       | 0      | 0       | 0    |
| 13 | 13:40 | 38   | 2.23  | 0.2  | 1.784 | 40   | 0     | 0.941  | 28.6 | 9     | 0.026  | 0   | 62.47  | 1        | 0.8122  | 4.46   | 3.6223  | 7.1  |
| 13 | 13:41 | 38   | 2.23  | 0.8  | 0.446 | 40   | 0     | 0.683  | 30.1 | -1    | 0.023  | 0   | 62.47  | 0        | 0       | 0      | 0       | 0    |
| 14 | 13:43 | 40   | 2.2   | 0.2  | 1.76  | 40   | 0     | 0.981  | 28.8 | 8     | 0.017  | 0   | 62.51  | 1        | 0.8753  | 4.4    | 3.8517  | 7.5  |
| 14 | 13:42 | 40   | 2.2   | 0.8  | 0.44  | 40   | 0     | 0.769  | 28.4 | -3    | 0.018  | 0   | 62.49  | 0        | 0       | 0      | 0       | 0    |
| 15 | 13:44 | 42   | 2.1   | 0.2  | 1.68  | 40   | 0     | 0.882  | 28.6 | 4     | 0.01   | 0   | 62.53  | 1        | 0.8269  | 4.2    | 3.4732  | 6.8  |
| 15 | 13:45 | 42   | 2.1   | 0.8  | 0.42  | 40   | 1     | 0.772  | 28.8 | -4    | 0.017  | 0   | 62.55  | 0        | 0       | 0      | 0       | 0    |
| 16 | 13:47 | 44   | 2.03  | 0.2  | 1.624 | 40   | 0     | 0.781  | 28.6 | 0     | 0.016  | 0   | 62.56  | 1        | 0.7557  | 4.06   | 3.0681  | 6    |
| 16 | 13:46 | 44   | 2.03  | 0.8  | 0.406 | 40   | 0     | 0.731  | 29   | 1     | 0.015  | 0   | 62.55  | 0        | 0       | 0      | 0       | 0    |
| 17 | 13:48 | 46   | 2.03  | 0.2  | 1.624 | 40   | 0     | 0.656  | 28.8 | 2     | 0.014  | 0   | 62.58  | 1        | 0.6166  | 4.06   | 2.5034  | 4.9  |
| 17 | 13:49 | 46   | 2.03  | 0.8  | 0.406 | 40   | 0     | 0.577  | 29.2 | 4     | 0.014  | 0   | 62.58  | 0        | 0       | 0      | 0       | 0    |
| 18 | 13:51 | 48   | 1.86  | 0.2  | 1.488 | 40   | 0     | 0.533  | 28.1 | 0     | 0.011  | 0   | 62.62  | 1        | 0.5278  | 3.72   | 1.9633  | 3.8  |
| 18 | 13:52 | 48   | 1.86  | 0.6  | 0.744 | 40   | 0     | 0.487  | 27.9 | -1    | 0.009  | 0   | 62.64  | 0        | 0       | 0      | 0       | 0    |
| 18 | 13:50 | 48   | 1.86  | 0.8  | 0.372 | 40   | 1     | 0.605  | 28.6 | 4     | 0.013  | 0   | 62.6   | 0        | 0       | 0      | 0       | 0    |
| 19 | 13:53 | 50   | 1.4   | 0.6  | 0.56  | 40   | 5     | 0.443  | 27.9 | -2    | 0.012  | 0   | 62.71  | 1        | 0.4432  | 2.8    | 1.241   | 2.4  |
| 20 | 13:54 | 52   | 0.72  | 0.6  | 0.288 | 40   | 1     | 0.336  | 27.7 | 1     | 0.011  | 0   | 62.76  | 1        | 0.3356  | 1.08   | 0.3626  | 0.7  |
| 21 | 13:56 | 53   | 0.45  | 0.6  | 0.18  | 40   | 0     | 0.191  | 30.5 | -2    | 0.015  | 0   | 62.85  | 1        | 0.1909  | 0.608  | 0.116   | 0.2  |
| 22 | 13:56 | 54.7 | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0       | 0      | 0       | 0    |

File\_Name 090623EG.LOR.WAD  
 Start\_Date\_and\_Time 2009/06/23 13:09:54  
 Site\_Name LOR EAST OF GOOSE LK  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P1685  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge REW  
 #\_Stations 25  
 Total\_Width 42.400 ft  
 Total\_Area 87.987 ft^2  
 Total\_Discharge 65.7848 cfs  
 Mean\_Depth 2.075 ft  
 Mean\_Velocity 0.7477 ft/s  
 Mean\_SNR 31.1 dB  
 Mean\_Verr 0.0190 ft/s  
 Mean\_Temp 68.80 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 2.5 %  
 Accuracy 1.0 %  
 Depth 0.1 %  
 Velocity 0.5 %  
 Width 0.1 %  
 Method 0.9 %  
 #\_Stations 2.0 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 2.9 %  
 Accuracy 1.0 %  
 Depth 0.5 %  
 Velocity 2.7 %  
 Width 0.1 %

#### Supplemental\_Data

Gauge\_Height\_Change 0.000 ft

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/23 | 13:07:53 | 0.000        | 2.440            | 74.9244         |          |
| 02     | 2009/06/23 | 13:53:03 | 56.800       | 2.440            | 75.1944         |          |



## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/23/2009 13:08

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc  | Depth | %Dep | MeasD | Npts | Spike | Vel    | SNR  | Angle | Verr   | Bnd | Temp   | CorrFact | MeanV   | Area   | Flow    | %Q   |
|----|-------|------|-------|------|-------|------|-------|--------|------|-------|--------|-----|--------|----------|---------|--------|---------|------|
| () | ()    | (ft) | (ft)  | (*D) | (ft)  | ()   | ()    | (ft/s) | (dB) | (deg) | (ft/s) | ()  | (degF) | ()       | (ft/s)  | (ft^2) | (cfs)   | (%)  |
| 0  | 13:09 | 14.4 | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0       | 0      | 0       | 0    |
| 1  | 13:09 | 16   | 0.5   | 0.6  | 0.2   | 40   | 0     | -0.212 | 40.2 | -176  | 0.022  | 0   | 68.79  | 1        | -0.2119 | 0.65   | -0.1378 | -0.2 |
| 2  | 13:11 | 17   | 0.78  | 0.6  | 0.312 | 40   | 0     | 0.162  | 31.8 | -32   | 0.016  | 0   | 68.61  | 1        | 0.1617  | 0.78   | 0.1261  | 0.2  |
| 3  | 13:12 | 18   | 1.04  | 0.6  | 0.416 | 40   | 0     | -0.068 | 34.6 | -137  | 0.015  | 0   | 68.59  | 1        | -0.0682 | 1.04   | -0.071  | -0.1 |
| 4  | 13:13 | 19   | 1.32  | 0.6  | 0.528 | 40   | 1     | 0.115  | 30.1 | -47   | 0.014  | 0   | 68.58  | 1        | 0.1145  | 1.32   | 0.1511  | 0.2  |
| 5  | 13:15 | 20   | 1.6   | 0.2  | 1.28  | 40   | 0     | 0.383  | 29.7 | -4    | 0.022  | 0   | 68.59  | 1        | 0.3117  | 2.4    | 0.7481  | 1.1  |
| 5  | 13:14 | 20   | 1.6   | 0.8  | 0.32  | 40   | 2     | 0.241  | 30.1 | -13   | 0.013  | 0   | 68.58  | 0        | 0       | 0      | 0       | 0    |
| 6  | 13:16 | 22   | 2.1   | 0.2  | 1.68  | 40   | 0     | 0.768  | 30.3 | 1     | 0.021  | 0   | 68.58  | 1        | 0.6936  | 4.2    | 2.9131  | 4.4  |
| 6  | 13:17 | 22   | 2.1   | 0.8  | 0.42  | 40   | 0     | 0.619  | 30.1 | -9    | 0.034  | 0   | 68.58  | 0        | 0       | 0      | 0       | 0    |
| 7  | 13:19 | 24   | 2.5   | 0.2  | 2     | 40   | 5     | 1.038  | 29.9 | -1    | 0.025  | 0   | 68.59  | 1        | 0.918   | 5      | 4.5899  | 7    |
| 7  | 13:18 | 24   | 2.5   | 0.8  | 0.5   | 40   | 0     | 0.798  | 29.4 | 4     | 0.032  | 0   | 68.58  | 0        | 0       | 0      | 0       | 0    |
| 8  | 13:20 | 26   | 2.69  | 0.2  | 2.152 | 40   | 0     | 1.188  | 29.7 | 2     | 0.015  | 0   | 68.61  | 1        | 1.0454  | 5.38   | 5.6244  | 8.5  |
| 8  | 13:21 | 26   | 2.69  | 0.8  | 0.538 | 40   | 0     | 0.903  | 30.3 | 1     | 0.037  | 0   | 68.63  | 0        | 0       | 0      | 0       | 0    |
| 9  | 13:24 | 28   | 2.78  | 0.2  | 2.224 | 40   | 0     | 1.071  | 30.1 | 0     | 0.028  | 0   | 68.65  | 1        | 1.0281  | 5.56   | 5.7157  | 8.7  |
| 9  | 13:23 | 28   | 2.78  | 0.8  | 0.556 | 40   | 0     | 0.985  | 30.1 | -3    | 0.028  | 0   | 68.63  | 0        | 0       | 0      | 0       | 0    |
| 10 | 13:25 | 30   | 2.8   | 0.2  | 2.24  | 40   | 0     | 1.214  | 29.9 | 3     | 0.018  | 0   | 68.68  | 1        | 1.1583  | 5.6    | 6.4862  | 9.9  |
| 10 | 13:26 | 30   | 2.8   | 0.8  | 0.56  | 40   | 0     | 1.103  | 30.1 | 8     | 0.034  | 0   | 68.68  | 0        | 0       | 0      | 0       | 0    |
| 11 | 13:28 | 32   | 2.8   | 0.2  | 2.24  | 40   | 0     | 1.13   | 29.5 | 1     | 0.019  | 0   | 68.74  | 1        | 1.0308  | 5.6    | 5.7724  | 8.8  |
| 11 | 13:27 | 32   | 2.8   | 0.8  | 0.56  | 40   | 0     | 0.931  | 30.1 | 4     | 0.029  | 0   | 68.72  | 0        | 0       | 0      | 0       | 0    |
| 12 | 13:29 | 34   | 2.76  | 0.2  | 2.208 | 40   | 0     | 1.18   | 30.1 | 6     | 0.02   | 0   | 68.74  | 1        | 1.0617  | 5.52   | 5.8601  | 8.9  |
| 12 | 13:30 | 34   | 2.76  | 0.8  | 0.552 | 40   | 0     | 0.944  | 30.5 | 5     | 0.033  | 0   | 68.76  | 0        | 0       | 0      | 0       | 0    |
| 13 | 13:32 | 36   | 2.78  | 0.2  | 2.224 | 40   | 0     | 1.106  | 30.1 | 7     | 0.019  | 0   | 68.79  | 1        | 0.9357  | 5.56   | 5.2022  | 7.9  |
| 13 | 13:31 | 36   | 2.78  | 0.8  | 0.556 | 40   | 0     | 0.765  | 30.7 | 1     | 0.021  | 0   | 68.77  | 0        | 0       | 0      | 0       | 0    |
| 14 | 13:33 | 38   | 2.76  | 0.2  | 2.208 | 40   | 0     | 1.049  | 29.9 | 7     | 0.022  | 0   | 68.81  | 1        | 0.8922  | 5.52   | 4.9248  | 7.5  |
| 14 | 13:34 | 38   | 2.76  | 0.8  | 0.552 | 40   | 0     | 0.736  | 30.1 | -3    | 0.022  | 0   | 68.83  | 0        | 0       | 0      | 0       | 0    |
| 15 | 13:36 | 40   | 2.7   | 0.2  | 2.16  | 40   | 1     | 0.889  | 29.7 | 7     | 0.021  | 0   | 68.85  | 1        | 0.7838  | 5.4    | 4.2327  | 6.4  |
| 15 | 13:35 | 40   | 2.7   | 0.8  | 0.54  | 40   | 0     | 0.679  | 30.3 | -2    | 0.022  | 0   | 68.83  | 0        | 0       | 0      | 0       | 0    |
| 16 | 13:37 | 42   | 2.62  | 0.2  | 2.096 | 40   | 0     | 0.784  | 30.5 | 6     | 0.03   | 0   | 68.86  | 1        | 0.7544  | 5.24   | 3.9533  | 6    |
| 16 | 13:38 | 42   | 2.62  | 0.8  | 0.524 | 40   | 0     | 0.725  | 30.3 | -1    | 0.022  | 0   | 68.88  | 0        | 0       | 0      | 0       | 0    |
| 17 | 13:40 | 44   | 2.58  | 0.2  | 2.064 | 40   | 0     | 0.752  | 29.9 | 3     | 0.026  | 0   | 68.92  | 1        | 0.7879  | 5.16   | 4.0656  | 6.2  |
| 17 | 13:40 | 44   | 2.58  | 0.8  | 0.516 | 40   | 0     | 0.824  | 29.7 | 7     | 0.019  | 0   | 68.9   | 0        | 0       | 0      | 0       | 0    |
| 18 | 13:42 | 46   | 2.54  | 0.2  | 2.032 | 40   | 1     | 0.453  | 29   | -10   | 0.015  | 0   | 68.97  | 1        | 0.5212  | 5.08   | 2.6475  | 4    |
| 18 | 13:43 | 46   | 2.54  | 0.8  | 0.508 | 40   | 0     | 0.589  | 30.7 | 3     | 0.021  | 0   | 68.95  | 0        | 0       | 0      | 0       | 0    |
| 19 | 13:45 | 48   | 2.38  | 0.2  | 1.904 | 40   | 0     | 0.319  | 29.9 | 0     | 0.013  | 0   | 69.01  | 1        | 0.3652  | 4.76   | 1.7381  | 2.6  |
| 19 | 13:44 | 48   | 2.38  | 0.8  | 0.476 | 40   | 6     | 0.412  | 30.5 | 6     | 0.011  | 0   | 68.97  | 0        | 0       | 0      | 0       | 0    |
| 20 | 13:46 | 50   | 1.98  | 0.2  | 1.584 | 40   | 2     | 0.138  | 30.3 | 7     | 0.008  | 0   | 69.04  | 1        | 0.1706  | 3.96   | 0.6756  | 1    |
| 20 | 13:47 | 50   | 1.98  | 0.8  | 0.396 | 40   | 0     | 0.204  | 29.4 | -13   | 0.012  | 0   | 69.1   | 0        | 0       | 0      | 0       | 0    |
| 21 | 13:48 | 52   | 1.26  | 0.6  | 0.504 | 40   | 0     | 0.193  | 29   | -2    | 0.008  | 0   | 69.15  | 1        | 0.1932  | 2.52   | 0.4869  | 0.7  |
| 22 | 13:49 | 54   | 0.73  | 0.6  | 0.292 | 40   | 0     | 0.091  | 28.3 | 9     | 0.005  | 0   | 69.26  | 1        | 0.0909  | 1.095  | 0.0995  | 0.2  |
| 23 | 13:50 | 55   | 0.46  | 0.6  | 0.184 | 40   | 0     | -0.031 | 40.4 | 174   | 0.004  | 0   | 69.44  | 1        | -0.0308 | 0.644  | -0.0199 | 0    |

|    |       |      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----|-------|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24 | 13:50 | 56.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
|----|-------|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 1   | 0    | 5      | 56     | 1.027     | 0.039     | 2.388 | 0.01      | 0.007     | 0         | 55.9 | 57.2 | 61.9 | 159        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 0    | 20     | 56     | 1.027     | 0.03      | 2.379 | 0.01      | 0.007     | 0         | 55.5 | 56.8 | 59.8 | 158        | 161        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 0    | 35     | 56     | 1.033     | 0.043     | 2.375 | 0.01      | 0.007     | 0         | 55.9 | 57.2 | 57.6 | 159        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 0    | 50     | 56     | 0.997     | 0.03      | 2.372 | 0.01      | 0.007     | 0         | 55.5 | 56.8 | 64.1 | 158        | 161        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 1    | 5      | 56     | 0.988     | 0.026     | 2.369 | 0.01      | 0.007     | 0         | 55   | 56.8 | 64.9 | 157        | 161        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 1    | 20     | 56     | 1.043     | 0.049     | 2.365 | 0.01      | 0.007     | 0         | 55.5 | 56.8 | 62.8 | 158        | 161        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 1    | 35     | 56     | 1.066     | 0.016     | 2.362 | 0.01      | 0.007     | 0         | 55.5 | 56.8 | 61.5 | 159        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 1    | 50     | 56     | 1.007     | 0.036     | 2.359 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 61.1 | 158        | 161        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 2    | 5      | 56     | 1.05      | 0.033     | 2.356 | 0.01      | 0.007     | 0         | 55.9 | 56.3 | 64.5 | 159        | 160        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 2    | 20     | 56     | 1.033     | 0.026     | 2.352 | 0.01      | 0.007     | 0         | 55.5 | 56.8 | 66.7 | 158        | 161        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 2    | 35     | 56     | 1.076     | 0.026     | 2.346 | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 65.8 | 158        | 161        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 2    | 50     | 56     | 1.043     | 0         | 2.343 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 66.2 | 158        | 161        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 3    | 5      | 56     | 1.053     | 0.016     | 2.336 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 66.2 | 158        | 161        | 0          | 29     | 30     |
| 2009 | 6     | 1   | 3    | 20     | 56     | 1.112     | 0.023     | 2.329 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 67.1 | 158        | 161        | 0          | 29     | 30     |
| 2009 | 6     | 1   | 3    | 35     | 56     | 1.06      | 0         | 2.326 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 68.4 | 158        | 161        | 0          | 29     | 30     |
| 2009 | 6     | 1   | 3    | 50     | 56     | 1.05      | 0.013     | 2.323 | 0.01      | 0.007     | 0         | 55.5 | 56.8 | 68.8 | 158        | 161        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 4    | 5      | 56     | 1.07      | 0.049     | 2.32  | 0.01      | 0.007     | 0         | 55.9 | 56.3 | 68.8 | 159        | 161        | 0          | 29     | 30     |
| 2009 | 6     | 1   | 4    | 20     | 56     | 1.073     | 0.013     | 2.32  | 0.01      | 0.007     | 0         | 55.9 | 56.3 | 69.2 | 158        | 161        | 0          | 28     | 30     |
| 2009 | 6     | 1   | 4    | 35     | 56     | 1.05      | 0.062     | 2.316 | 0.01      | 0.007     | 0         | 55.5 | 56.8 | 68.8 | 158        | 161        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 4    | 50     | 56     | 1.07      | 0.02      | 2.313 | 0.01      | 0.007     | 0         | 55.5 | 56.8 | 68.8 | 158        | 161        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 5    | 5      | 56     | 1.06      | 0.03      | 2.31  | 0.01      | 0.007     | 0         | 55.9 | 56.8 | 67.5 | 159        | 162        | 0          | 29     | 30     |
| 2009 | 6     | 1   | 5    | 20     | 56     | 1.079     | 0.026     | 2.306 | 0.013     | 0.01      | 0         | 55.9 | 57.2 | 65.4 | 159        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 5    | 35     | 56     | 1.106     | 0.033     | 2.3   | 0.01      | 0.007     | 0         | 55.9 | 57.2 | 65.8 | 159        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 5    | 50     | 56     | 1.043     | -0.01     | 2.293 | 0.01      | 0.007     | 0         | 55.9 | 57.2 | 65.4 | 159        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 6    | 5      | 56     | 1.122     | 0.01      | 2.287 | 0.013     | 0.01      | 0         | 56.3 | 56.8 | 66.2 | 160        | 162        | 0          | 29     | 30     |
| 2009 | 6     | 1   | 6    | 20     | 56     | 1.079     | 0.007     | 2.287 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 67.1 | 159        | 162        | 0          | 29     | 30     |
| 2009 | 6     | 1   | 6    | 35     | 56     | 1.047     | -0.013    | 2.283 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 67.5 | 159        | 162        | 0          | 29     | 30     |
| 2009 | 6     | 1   | 6    | 50     | 56     | 1.102     | 0.03      | 2.28  | 0.01      | 0.007     | 0         | 55.5 | 56.8 | 68.8 | 159        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 7    | 5      | 56     | 1.066     | 0.013     | 2.28  | 0.01      | 0.007     | 0         | 56.3 | 56.8 | 68.4 | 160        | 162        | 0          | 29     | 30     |
| 2009 | 6     | 1   | 7    | 20     | 56     | 1.079     | 0         | 2.277 | 0.01      | 0.007     | 0         | 55.9 | 57.2 | 68.8 | 159        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 7    | 35     | 56     | 1.099     | 0.023     | 2.277 | 0.013     | 0.01      | 0         | 55.9 | 57.2 | 69.7 | 159        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 7    | 50     | 56     | 1.093     | 0.01      | 2.274 | 0.01      | 0.007     | 0         | 56.3 | 57.2 | 68.8 | 160        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 8    | 5      | 56     | 1.086     | 0.003     | 2.267 | 0.013     | 0.01      | 0         | 56.3 | 56.8 | 66.7 | 160        | 162        | 0          | 29     | 30     |
| 2009 | 6     | 1   | 8    | 20     | 56     | 1.056     | -0.016    | 2.267 | 0.013     | 0.01      | 0         | 56.3 | 56.8 | 66.2 | 160        | 162        | 0          | 29     | 30     |
| 2009 | 6     | 1   | 8    | 35     | 56     | 1.086     | 0.02      | 2.26  | 0.01      | 0.007     | 0         | 56.3 | 57.6 | 65.8 | 160        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 8    | 50     | 56     | 1.086     | 0.01      | 2.254 | 0.016     | 0.013     | 0         | 56.3 | 58   | 65.8 | 160        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 1   | 9    | 5      | 56     | 1.093     | 0.026     | 2.247 | 0.01      | 0.007     | 0         | 56.3 | 56.8 | 66.2 | 160        | 162        | 0          | 29     | 30     |
| 2009 | 6     | 1   | 9    | 20     | 56     | 1.079     | 0.003     | 2.244 | 0.01      | 0.007     | 0         | 56.3 | 57.6 | 67.1 | 160        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 9    | 35     | 56     | 1.047     | -0.013    | 2.244 | 0.013     | 0.01      | 0         | 56.3 | 57.2 | 67.5 | 160        | 163        | 0          | 29     | 30     |
| 2009 | 6     | 1   | 9    | 50     | 56     | 1.037     | 0.007     | 2.241 | 0.01      | 0.007     | 0         | 56.3 | 56.8 | 67.9 | 160        | 162        | 0          | 29     | 30     |
| 2009 | 6     | 1   | 10   | 5      | 56     | 1.115     | 0.039     | 2.241 | 0.01      | 0.007     | 0         | 56.3 | 57.2 | 68.4 | 160        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 10   | 20     | 56     | 1.043     | 0.013     | 2.238 | 0.01      | 0.007     | 0         | 55.9 | 57.2 | 67.9 | 160        | 162        | 0          | 30     | 29     |
| 2009 | 6     | 1   | 10   | 35     | 56     | 1.066     | 0         | 2.234 | 0.013     | 0.01      | 0         | 56.3 | 56.8 | 67.9 | 160        | 162        | 0          | 29     | 30     |
| 2009 | 6     | 1   | 10   | 50     | 56     | 1.04      | 0.026     | 2.231 | 0.013     | 0.01      | 0         | 56.3 | 57.6 | 66.2 | 160        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 11   | 5      | 56     | 1.079     | 0.007     | 2.228 | 0.01      | 0.007     | 0         | 56.3 | 57.2 | 65.4 | 160        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 11   | 20     | 56     | 1.099     | 0.023     | 2.215 | 0.01      | 0.007     | 0         | 56.3 | 57.2 | 65.4 | 160        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 11   | 35     | 56     | 1.033     | -0.003    | 2.215 | 0.01      | 0.007     | 0         | 56.3 | 57.6 | 65.4 | 160        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 11   | 50     | 56     | 1.073     | 0.023     | 2.208 | 0.013     | 0.01      | 0         | 56.8 | 57.2 | 66.7 | 161        | 163        | 0          | 29     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 1   | 12   | 5      | 56     | 1.096     | 0.007     | 2.208 | 0.013     | 0.01      | 0         | 57.2 | 57.6 | 67.1 | 162        | 164        | 0          | 29     | 30     |
| 2009 | 6     | 1   | 12   | 20     | 56     | 1.056     | 0.043     | 2.205 | 0.01      | 0.007     | 0         | 56.8 | 57.6 | 67.1 | 161        | 164        | 0          | 29     | 30     |
| 2009 | 6     | 1   | 12   | 35     | 56     | 1.076     | 0.016     | 2.205 | 0.013     | 0.01      | 0         | 56.8 | 57.2 | 67.9 | 161        | 163        | 0          | 29     | 30     |
| 2009 | 6     | 1   | 12   | 50     | 56     | 1.073     | 0.036     | 2.201 | 0.01      | 0.007     | 0         | 56.8 | 57.2 | 64.9 | 161        | 163        | 0          | 29     | 30     |
| 2009 | 6     | 1   | 13   | 5      | 56     | 1.053     | 0.007     | 2.195 | 0.01      | 0.007     | 0         | 58   | 57.2 | 59.3 | 163        | 163        | 0          | 28     | 30     |
| 2009 | 6     | 1   | 13   | 20     | 56     | 1.043     | 0.007     | 2.192 | 0.013     | 0.01      | 0         | 57.2 | 57.6 | 64.1 | 162        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 13   | 35     | 56     | 1.037     | 0.026     | 2.182 | 0.01      | 0.007     | 0         | 56.8 | 58   | 62.4 | 161        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 13   | 50     | 56     | 1.086     | 0.039     | 2.175 | 0.01      | 0.007     | 0         | 56.8 | 58   | 62.8 | 161        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 14   | 5      | 56     | 1.05      | 0.007     | 2.175 | 0.016     | 0.013     | 0         | 56.8 | 58   | 65.8 | 161        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 14   | 20     | 28     | 1.056     | 0.013     | 2.172 | 0.013     | 0.01      | 0         | 57.2 | 57.6 | 66.2 | 162        | 164        | 0          | 29     | 30     |
| 2009 | 6     | 1   | 14   | 35     | 28     | 1.063     | -0.01     | 2.169 | 0.016     | 0.013     | 0         | 57.6 | 58   | 67.5 | 162        | 165        | 0          | 28     | 30     |
| 2009 | 6     | 1   | 14   | 50     | 28     | 1.112     | 0.003     | 2.169 | 0.01      | 0.007     | 0         | 56.8 | 58   | 67.9 | 161        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 15   | 5      | 28     | 1.093     | 0.026     | 2.165 | 0.013     | 0.01      | 0         | 56.8 | 58.5 | 67.1 | 161        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 15   | 20     | 28     | 1.099     | -0.01     | 2.156 | 0.013     | 0.01      | 0         | 57.6 | 58.9 | 61.5 | 163        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 15   | 35     | 28     | 1.093     | 0.016     | 2.149 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 57.2 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 15   | 50     | 28     | 1.083     | 0.026     | 2.152 | 0.016     | 0.013     | 0         | 58.9 | 60.2 | 61.9 | 166        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 16   | 5      | 28     | 1.109     | 0.075     | 2.146 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 63.2 | 165        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 1   | 16   | 20     | 28     | 1.089     | 0.026     | 2.139 | 0.013     | 0.01      | 0         | 58.5 | 59.3 | 64.5 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 16   | 35     | 28     | 1.053     | 0.026     | 2.136 | 0.013     | 0.01      | 0         | 58.5 | 58.5 | 65.8 | 164        | 166        | 0          | 28     | 30     |
| 2009 | 6     | 1   | 16   | 50     | 28     | 1.066     | 0.052     | 2.133 | 0.01      | 0.007     | 0         | 58   | 59.3 | 65.4 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 17   | 5      | 28     | 1.089     | 0.062     | 2.129 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 64.1 | 164        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 1   | 17   | 20     | 28     | 1.073     | 0.003     | 2.129 | 0.016     | 0.013     | 0         | 58   | 59.3 | 65.8 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 17   | 35     | 28     | 1.099     | 0.03      | 2.126 | 0.013     | 0.01      | 0         | 58   | 58.9 | 63.2 | 164        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 1   | 17   | 50     | 28     | 1.066     | 0.026     | 2.126 | 0.013     | 0.01      | 0         | 58   | 58.9 | 66.2 | 164        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 1   | 18   | 5      | 28     | 1.099     | 0.013     | 2.119 | 0.01      | 0.007     | 0         | 57.6 | 58.5 | 65.4 | 163        | 166        | 0          | 29     | 30     |
| 2009 | 6     | 1   | 18   | 20     | 28     | 1.07      | 0.043     | 2.119 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 64.5 | 163        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 18   | 35     | 28     | 1.073     | -0.003    | 2.113 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 63.6 | 163        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 18   | 50     | 28     | 1.037     | 0.049     | 2.103 | 0.013     | 0.01      | 0         | 57.6 | 58.9 | 63.6 | 163        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 19   | 5      | 28     | 1.096     | 0.016     | 2.1   | 0.016     | 0.013     | 0         | 57.2 | 58.5 | 64.5 | 162        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 19   | 20     | 28     | 1.099     | 0.026     | 2.096 | 0.016     | 0.013     | 0         | 58   | 59.3 | 65.4 | 163        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 1   | 19   | 35     | 28     | 1.053     | 0.03      | 2.093 | 0.01      | 0.007     | 0         | 57.6 | 58.5 | 65.8 | 163        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 19   | 50     | 28     | 1.086     | 0.016     | 2.093 | 0.01      | 0.007     | 0         | 57.6 | 58   | 66.7 | 163        | 165        | 0          | 29     | 30     |
| 2009 | 6     | 1   | 20   | 5      | 28     | 1.115     | 0.01      | 2.09  | 0.01      | 0.007     | 0         | 57.6 | 58.5 | 66.7 | 163        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 20   | 20     | 28     | 1.096     | 0         | 2.087 | 0.013     | 0.01      | 0         | 57.2 | 58.5 | 65.8 | 162        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 20   | 35     | 28     | 1.06      | 0         | 2.083 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 57.6 | 163        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 20   | 50     | 28     | 1.037     | 0.023     | 2.08  | 0.016     | 0.013     | 0         | 58   | 59.3 | 58   | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 21   | 5      | 28     | 1.076     | 0.023     | 2.073 | 0.013     | 0.01      | 0         | 58   | 58.9 | 57.2 | 164        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 1   | 21   | 20     | 28     | 1.04      | 0.026     | 2.07  | 0.013     | 0.01      | 0         | 58   | 58.9 | 59.3 | 164        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 1   | 21   | 35     | 28     | 1.053     | 0.007     | 2.064 | 0.01      | 0.007     | 0         | 58   | 58.9 | 57.2 | 164        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 1   | 21   | 50     | 28     | 0.974     | 0.036     | 2.06  | 0.013     | 0.01      | 0         | 58.5 | 59.3 | 57.2 | 164        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 1   | 22   | 5      | 28     | 1.024     | 0         | 2.057 | 0.016     | 0.013     | 0         | 58   | 59.3 | 57.6 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 22   | 20     | 28     | 1.122     | 0         | 2.054 | 0.013     | 0.01      | 0         | 58   | 58.9 | 61.9 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 22   | 35     | 28     | 1.05      | 0.007     | 2.054 | 0.013     | 0.01      | 0         | 57.6 | 58.9 | 64.9 | 163        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 22   | 50     | 28     | 1.03      | 0.02      | 2.051 | 0.013     | 0.01      | 0         | 57.6 | 58.5 | 60.2 | 163        | 166        | 0          | 29     | 30     |
| 2009 | 6     | 1   | 23   | 5      | 28     | 1.043     | 0.007     | 2.047 | 0.016     | 0.013     | 0         | 57.6 | 58.9 | 60.2 | 163        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 23   | 20     | 28     | 1.033     | 0.026     | 2.044 | 0.01      | 0.007     | 0         | 58   | 58.9 | 61.1 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 23   | 35     | 28     | 1.03      | 0.043     | 2.044 | 0.013     | 0.01      | 0         | 57.6 | 58.5 | 59.8 | 163        | 166        | 0          | 29     | 30     |
| 2009 | 6     | 1   | 23   | 50     | 28     | 1.04      | 0.01      | 2.037 | 0.013     | 0.01      | 0         | 57.6 | 58.5 | 61.5 | 163        | 166        | 0          | 29     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 2   | 0    | 5      | 28     | 1.02      | 0.023     | 2.028 | 0.016     | 0.013     | 0         | 57.6 | 58.9 | 60.2 | 163        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 0    | 20     | 28     | 1.02      | 0.01      | 2.024 | 0.013     | 0.01      | 0         | 58.5 | 58.9 | 56.8 | 164        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 2   | 0    | 35     | 28     | 1.024     | 0.01      | 2.021 | 0.013     | 0.01      | 0         | 58   | 59.3 | 57.6 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 0    | 50     | 28     | 0.988     | 0.01      | 2.018 | 0.016     | 0.013     | 0         | 58.5 | 58.9 | 56.3 | 164        | 167        | 0          | 28     | 30     |
| 2009 | 6     | 2   | 1    | 5      | 28     | 1.03      | 0.003     | 2.014 | 0.013     | 0.01      | 0         | 58.5 | 58.5 | 58   | 164        | 166        | 0          | 28     | 30     |
| 2009 | 6     | 2   | 1    | 20     | 28     | 1.007     | 0.052     | 2.014 | 0.013     | 0.01      | 0         | 58   | 59.3 | 55.9 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 1    | 35     | 28     | 1.007     | 0.013     | 2.011 | 0.013     | 0.01      | 0         | 58.5 | 59.3 | 58.9 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 1    | 50     | 28     | 1.05      | 0.013     | 2.008 | 0.016     | 0.013     | 0         | 58   | 59.3 | 57.6 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 2    | 5      | 28     | 0.978     | 0         | 2.008 | 0.013     | 0.01      | 0         | 58   | 58.9 | 56.3 | 165        | 167        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 2    | 20     | 28     | 1.001     | 0         | 2.005 | 0.013     | 0.01      | 0         | 58   | 59.3 | 57.2 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 2    | 35     | 28     | 1.017     | 0         | 2.005 | 0.02      | 0.016     | 0         | 58.5 | 59.3 | 56.8 | 164        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 2   | 2    | 50     | 28     | 1.004     | 0         | 2.001 | 0.013     | 0.01      | 0         | 57.6 | 58.9 | 59.8 | 164        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 2   | 3    | 5      | 28     | 1.03      | -0.013    | 1.998 | 0.013     | 0.01      | 0         | 58   | 59.3 | 57.2 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 3    | 20     | 28     | 1.04      | 0.013     | 1.988 | 0.01      | 0.007     | 0         | 58   | 59.3 | 55.9 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 3    | 35     | 28     | 0.991     | 0.01      | 1.985 | 0.013     | 0.01      | 0         | 58   | 59.3 | 55.5 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 3    | 50     | 28     | 1.037     | 0         | 1.982 | 0.016     | 0.013     | 0         | 58.5 | 59.8 | 55.9 | 165        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 4    | 5      | 28     | 1.027     | 0.01      | 1.978 | 0.016     | 0.013     | 0         | 58.5 | 59.8 | 58.5 | 165        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 4    | 20     | 28     | 0.994     | 0.007     | 1.975 | 0.016     | 0.013     | 0         | 58.5 | 59.3 | 58.9 | 165        | 168        | 0          | 29     | 30     |
| 2009 | 6     | 2   | 4    | 35     | 28     | 1.073     | 0.016     | 1.972 | 0.016     | 0.013     | 0         | 58.5 | 59.3 | 61.1 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 4    | 50     | 28     | 1.05      | -0.01     | 1.972 | 0.016     | 0.013     | 0         | 58.5 | 59.3 | 64.5 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 5    | 5      | 28     | 1.053     | 0.003     | 1.969 | 0.016     | 0.016     | 0         | 58.5 | 59.3 | 64.1 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 5    | 20     | 28     | 1.099     | -0.007    | 1.969 | 0.016     | 0.016     | 0         | 58   | 59.3 | 64.9 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 5    | 35     | 28     | 1.102     | 0.003     | 1.969 | 0.016     | 0.013     | 0         | 58   | 58.9 | 66.7 | 164        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 2   | 5    | 50     | 28     | 1.089     | 0         | 1.965 | 0.016     | 0.016     | 0         | 58.5 | 58.5 | 67.1 | 164        | 166        | 0          | 28     | 30     |
| 2009 | 6     | 2   | 6    | 5      | 28     | 1.066     | 0         | 1.965 | 0.016     | 0.013     | 0         | 57.6 | 58.5 | 66.7 | 163        | 166        | 0          | 29     | 30     |
| 2009 | 6     | 2   | 6    | 20     | 28     | 1.076     | 0.007     | 1.962 | 0.016     | 0.013     | 0         | 58   | 58.5 | 65.8 | 164        | 166        | 0          | 29     | 30     |
| 2009 | 6     | 2   | 6    | 35     | 28     | 1.066     | 0.01      | 1.959 | 0.016     | 0.013     | 0         | 58   | 58.5 | 64.9 | 164        | 166        | 0          | 29     | 30     |
| 2009 | 6     | 2   | 6    | 50     | 28     | 1.119     | -0.003    | 1.955 | 0.016     | 0.013     | 0         | 57.6 | 58.9 | 64.5 | 163        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 7    | 5      | 28     | 1.086     | -0.01     | 1.949 | 0.013     | 0.01      | 0         | 57.6 | 58.5 | 64.1 | 163        | 166        | 0          | 29     | 30     |
| 2009 | 6     | 2   | 7    | 20     | 28     | 1.076     | -0.003    | 1.946 | 0.016     | 0.013     | 0         | 57.6 | 58.5 | 63.6 | 163        | 166        | 0          | 29     | 30     |
| 2009 | 6     | 2   | 7    | 35     | 28     | 1.06      | 0.02      | 1.942 | 0.016     | 0.013     | 0         | 57.6 | 58.9 | 63.6 | 164        | 167        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 7    | 50     | 28     | 1.093     | 0.026     | 1.936 | 0.016     | 0.013     | 0         | 58   | 58.9 | 64.5 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 8    | 5      | 28     | 1.053     | -0.003    | 1.936 | 0.016     | 0.013     | 0         | 58   | 58.5 | 64.9 | 164        | 166        | 0          | 29     | 30     |
| 2009 | 6     | 2   | 8    | 20     | 28     | 1.043     | 0.026     | 1.932 | 0.013     | 0.01      | 0         | 58   | 58.9 | 65.4 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 8    | 35     | 28     | 1.093     | -0.007    | 1.932 | 0.016     | 0.013     | 0         | 58   | 58.9 | 66.2 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 8    | 50     | 28     | 1.063     | 0.026     | 1.929 | 0.016     | 0.013     | 0         | 58   | 58.9 | 66.7 | 164        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 2   | 9    | 5      | 28     | 1.076     | 0.003     | 1.926 | 0.016     | 0.013     | 0         | 57.6 | 58.5 | 66.7 | 164        | 166        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 9    | 20     | 28     | 1.037     | -0.01     | 1.926 | 0.016     | 0.013     | 0         | 58   | 58.9 | 65.4 | 164        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 2   | 9    | 35     | 28     | 1.06      | 0.013     | 1.923 | 0.016     | 0.013     | 0         | 58   | 58.9 | 64.5 | 164        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 2   | 9    | 50     | 28     | 1.047     | 0         | 1.919 | 0.013     | 0.01      | 0         | 58   | 58.9 | 63.6 | 164        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 2   | 10   | 5      | 28     | 1.096     | 0.01      | 1.909 | 0.016     | 0.013     | 0         | 58   | 58.9 | 62.8 | 164        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 2   | 10   | 20     | 28     | 1.093     | 0.026     | 1.906 | 0.01      | 0.007     | 0         | 58   | 58.9 | 63.2 | 164        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 2   | 10   | 35     | 28     | 1.07      | 0.043     | 1.903 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 63.6 | 165        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 2   | 10   | 50     | 28     | 1.07      | 0.007     | 1.9   | 0.016     | 0.013     | 0         | 58   | 58.9 | 64.9 | 164        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 2   | 11   | 5      | 28     | 1.112     | -0.01     | 1.896 | 0.016     | 0.013     | 0         | 58   | 58.9 | 64.9 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 11   | 20     | 28     | 1.033     | -0.01     | 1.896 | 0.016     | 0.013     | 0         | 58   | 59.3 | 64.1 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 11   | 35     | 28     | 1.06      | 0.013     | 1.893 | 0.016     | 0.013     | 0         | 58   | 59.3 | 66.2 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 11   | 50     | 28     | 1.06      | 0.003     | 1.893 | 0.016     | 0.013     | 0         | 58.9 | 58.9 | 63.2 | 165        | 167        | 0          | 28     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 2   | 12   | 5      | 28     | 1.079     | 0.007     | 1.89  | 0.016     | 0.013     | 0         | 58.5 | 59.3 | 64.9 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 12   | 20     | 28     | 1.056     | 0.02      | 1.886 | 0.013     | 0.01      | 0         | 58.5 | 58.9 | 58.5 | 165        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 2   | 12   | 35     | 28     | 1.076     | 0         | 1.88  | 0.016     | 0.013     | 0         | 58.9 | 59.8 | 54.2 | 166        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 2   | 12   | 50     | 28     | 1.083     | 0.026     | 1.877 | 0.016     | 0.013     | 0         | 59.3 | 59.8 | 55.9 | 167        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 2   | 13   | 5      | 28     | 1.056     | 0.01      | 1.873 | 0.016     | 0.013     | 0         | 59.3 | 59.8 | 54.2 | 167        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 2   | 13   | 20     | 28     | 1.053     | 0.036     | 1.867 | 0.016     | 0.013     | 0         | 59.8 | 60.2 | 54.6 | 167        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 2   | 13   | 35     | 28     | 1.053     | 0.01      | 1.864 | 0.016     | 0.013     | 0         | 59.8 | 60.2 | 59.8 | 167        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 2   | 13   | 50     | 28     | 1.037     | 0.03      | 1.864 | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 58.5 | 167        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 14   | 5      | 28     | 1.066     | 0.016     | 1.86  | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 56.3 | 167        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 14   | 20     | 28     | 1.047     | 0.013     | 1.857 | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 53.3 | 167        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 2   | 14   | 35     | 28     | 1.076     | 0.016     | 1.857 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 55.9 | 169        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 14   | 50     | 28     | 1.076     | 0.007     | 1.854 | 0.016     | 0.016     | 0         | 59.8 | 61.5 | 53.8 | 168        | 171        | 0          | 29     | 28     |
| 2009 | 6     | 2   | 15   | 5      | 28     | 1.04      | 0.049     | 1.847 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 54.2 | 169        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 15   | 20     | 28     | 1.04      | 0.085     | 1.847 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 57.2 | 168        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 2   | 15   | 35     | 28     | 1.063     | 0.052     | 1.841 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 55.5 | 169        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 15   | 50     | 28     | 1.02      | 0.03      | 1.837 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 56.8 | 169        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 16   | 5      | 28     | 1.037     | 0.036     | 1.831 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 55   | 169        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 16   | 20     | 28     | 1.07      | 0.043     | 1.827 | 0.02      | 0.016     | 0         | 60.2 | 60.6 | 60.2 | 168        | 171        | 0          | 28     | 30     |
| 2009 | 6     | 2   | 16   | 35     | 28     | 1.063     | 0.046     | 1.827 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 62.8 | 168        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 2   | 16   | 50     | 28     | 1.02      | 0.036     | 1.824 | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 63.6 | 168        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 17   | 5      | 28     | 1.073     | 0.082     | 1.824 | 0.016     | 0.013     | 0         | 59.8 | 60.6 | 63.2 | 168        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 17   | 20     | 28     | 1.083     | 0.043     | 1.824 | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 64.5 | 168        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 2   | 17   | 35     | 28     | 1.056     | 0.043     | 1.821 | 0.016     | 0.013     | 0         | 59.3 | 60.6 | 62.4 | 167        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 17   | 50     | 28     | 1.047     | 0.046     | 1.821 | 0.016     | 0.013     | 0         | 59.8 | 60.6 | 55.5 | 168        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 2   | 18   | 5      | 28     | 1.066     | 0.059     | 1.818 | 0.016     | 0.013     | 0         | 60.6 | 61.1 | 55.5 | 169        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 2   | 18   | 20     | 28     | 1.004     | 0.043     | 1.818 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 54.2 | 169        | 171        | 0          | 29     | 28     |
| 2009 | 6     | 2   | 18   | 35     | 28     | 1.089     | 0.072     | 1.811 | 0.016     | 0.016     | 0         | 60.6 | 61.5 | 47.7 | 170        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 18   | 50     | 28     | 1.05      | 0.066     | 1.814 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 56.3 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 19   | 5      | 28     | 1.066     | 0.059     | 1.811 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 57.2 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 19   | 20     | 28     | 1.053     | 0.056     | 1.811 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 57.2 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 2   | 19   | 35     | 28     | 1.056     | 0.085     | 1.811 | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 61.9 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 19   | 50     | 28     | 1.066     | 0.059     | 1.808 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 58   | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 20   | 5      | 28     | 1.063     | 0.052     | 1.804 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 59.3 | 168        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 20   | 20     | 28     | 1.05      | 0.039     | 1.801 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 56.3 | 169        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 20   | 35     | 28     | 1.07      | 0.043     | 1.798 | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 56.3 | 169        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 20   | 50     | 28     | 1.066     | 0.033     | 1.795 | 0.013     | 0.01      | 0         | 59.8 | 61.1 | 57.2 | 168        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 21   | 5      | 28     | 1.07      | 0.062     | 1.791 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 57.2 | 168        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 21   | 20     | 28     | 1.063     | 0.026     | 1.791 | 0.016     | 0.013     | 0         | 59.8 | 60.6 | 55.5 | 168        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 21   | 35     | 28     | 1.099     | 0.039     | 1.788 | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 52   | 168        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 21   | 50     | 28     | 1.014     | 0.003     | 1.788 | 0.016     | 0.013     | 0         | 60.2 | 60.2 | 59.8 | 168        | 170        | 0          | 28     | 30     |
| 2009 | 6     | 2   | 22   | 5      | 28     | 1.053     | 0.013     | 1.785 | 0.016     | 0.016     | 0         | 59.8 | 60.2 | 60.2 | 168        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 2   | 22   | 20     | 28     | 1.102     | 0.016     | 1.785 | 0.016     | 0.013     | 0         | 60.2 | 60.6 | 64.1 | 168        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 2   | 22   | 35     | 28     | 1.083     | 0.043     | 1.781 | 0.016     | 0.016     | 0         | 59.3 | 60.6 | 64.1 | 167        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 22   | 50     | 28     | 1.024     | -0.003    | 1.781 | 0.02      | 0.016     | 0         | 59.3 | 60.2 | 63.6 | 167        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 23   | 5      | 28     | 1.053     | 0.026     | 1.781 | 0.016     | 0.013     | 0         | 59.8 | 60.2 | 63.6 | 167        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 2   | 23   | 20     | 28     | 1.053     | 0.026     | 1.781 | 0.016     | 0.013     | 0         | 59.3 | 59.8 | 64.9 | 167        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 2   | 23   | 35     | 28     | 1.05      | 0.056     | 1.781 | 0.016     | 0.013     | 0         | 59.3 | 59.8 | 64.9 | 167        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 2   | 23   | 50     | 28     | 1.063     | 0.043     | 1.781 | 0.016     | 0.013     | 0         | 59.3 | 60.2 | 64.1 | 167        | 169        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 3   | 0    | 5      | 28     | 1.063     | 0.013     | 1.778 | 0.016     | 0.013     | 0         | 59.8 | 59.8 | 63.6 | 167        | 169        | 0          | 28     | 30     |
| 2009 | 6     | 3   | 0    | 20     | 28     | 1.109     | 0.043     | 1.778 | 0.016     | 0.013     | 0         | 58.9 | 59.8 | 64.9 | 166        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 0    | 35     | 28     | 1.053     | 0.023     | 1.775 | 0.016     | 0.013     | 0         | 58.9 | 59.8 | 64.1 | 166        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 0    | 50     | 28     | 1.079     | 0.01      | 1.775 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 64.5 | 166        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 1    | 5      | 28     | 1.076     | 0.023     | 1.775 | 0.016     | 0.013     | 0         | 58.9 | 60.2 | 65.4 | 166        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 1    | 20     | 28     | 1.066     | 0.016     | 1.775 | 0.016     | 0.016     | 0         | 58.9 | 59.8 | 64.5 | 166        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 1    | 35     | 28     | 1.079     | 0.016     | 1.772 | 0.016     | 0.013     | 0         | 58.9 | 60.2 | 63.6 | 166        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 1    | 50     | 28     | 1.066     | 0.043     | 1.772 | 0.016     | 0.016     | 0         | 58.9 | 60.2 | 64.1 | 166        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 2    | 5      | 28     | 1.047     | 0.013     | 1.768 | 0.016     | 0.016     | 0         | 58.9 | 60.6 | 63.2 | 166        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 3   | 2    | 20     | 28     | 1.047     | 0         | 1.768 | 0.016     | 0.016     | 0         | 58.9 | 60.2 | 63.2 | 166        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 2    | 35     | 28     | 1.083     | 0.03      | 1.768 | 0.02      | 0.016     | 0         | 58.9 | 60.2 | 62.8 | 166        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 2    | 50     | 28     | 1.073     | 0.003     | 1.765 | 0.016     | 0.016     | 0         | 58.9 | 59.3 | 62.4 | 166        | 168        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 3    | 5      | 28     | 1.06      | 0         | 1.765 | 0.013     | 0.01      | 0         | 58.9 | 60.2 | 63.2 | 166        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 3    | 20     | 28     | 1.066     | 0.02      | 1.762 | 0.013     | 0.01      | 0         | 58.9 | 60.2 | 61.9 | 166        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 3    | 35     | 28     | 1.089     | 0.03      | 1.762 | 0.016     | 0.013     | 0         | 58.9 | 59.8 | 62.4 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 3    | 50     | 28     | 1.056     | 0.039     | 1.759 | 0.016     | 0.013     | 0         | 59.3 | 59.3 | 61.9 | 166        | 168        | 0          | 28     | 30     |
| 2009 | 6     | 3   | 4    | 5      | 28     | 1.066     | 0         | 1.755 | 0.016     | 0.013     | 0         | 58.9 | 60.2 | 61.5 | 166        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 4    | 20     | 28     | 1.096     | 0.007     | 1.752 | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 62.4 | 167        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 4    | 35     | 28     | 1.053     | 0         | 1.749 | 0.016     | 0.013     | 0         | 59.3 | 59.8 | 62.4 | 167        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 4    | 50     | 28     | 1.053     | 0.013     | 1.749 | 0.016     | 0.016     | 0         | 59.3 | 60.6 | 62.8 | 167        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 5    | 5      | 28     | 1.056     | -0.007    | 1.749 | 0.013     | 0.01      | 0         | 59.3 | 60.6 | 63.2 | 167        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 5    | 20     | 28     | 1.063     | 0.049     | 1.745 | 0.016     | 0.016     | 0         | 59.8 | 60.6 | 63.2 | 168        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 5    | 35     | 28     | 1.07      | 0.01      | 1.745 | 0.016     | 0.013     | 0         | 59.3 | 60.6 | 62.8 | 167        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 5    | 50     | 28     | 1.056     | 0.033     | 1.745 | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 62.8 | 167        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 6    | 5      | 28     | 1.05      | 0.046     | 1.742 | 0.016     | 0.016     | 0         | 59.3 | 59.8 | 63.2 | 167        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 6    | 20     | 28     | 1.02      | 0.01      | 1.742 | 0.016     | 0.013     | 0         | 59.3 | 60.2 | 63.6 | 167        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 6    | 35     | 28     | 1.053     | 0.02      | 1.742 | 0.016     | 0.016     | 0         | 59.3 | 59.8 | 63.6 | 167        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 6    | 50     | 28     | 1.063     | 0.007     | 1.739 | 0.016     | 0.016     | 0         | 59.3 | 59.8 | 64.9 | 167        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 7    | 5      | 28     | 1.083     | -0.007    | 1.739 | 0.016     | 0.013     | 0         | 59.3 | 59.8 | 64.5 | 167        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 7    | 20     | 28     | 1.03      | 0.026     | 1.739 | 0.02      | 0.016     | 0         | 58.9 | 60.2 | 64.1 | 167        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 7    | 35     | 28     | 1.027     | 0.01      | 1.736 | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 63.2 | 167        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 7    | 50     | 28     | 1.017     | 0.026     | 1.736 | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 62.8 | 167        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 8    | 5      | 28     | 1.047     | 0.046     | 1.732 | 0.016     | 0.013     | 0         | 59.3 | 59.8 | 64.5 | 167        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 8    | 20     | 28     | 1.053     | 0         | 1.732 | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 63.6 | 167        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 8    | 35     | 28     | 1.04      | 0.007     | 1.732 | 0.016     | 0.016     | 0         | 58.9 | 59.8 | 61.5 | 167        | 169        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 8    | 50     | 28     | 0.988     | 0.026     | 1.732 | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 61.5 | 167        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 9    | 5      | 28     | 1.043     | 0.056     | 1.729 | 0.016     | 0.016     | 0         | 59.3 | 59.8 | 64.1 | 167        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 9    | 20     | 28     | 1.04      | 0.049     | 1.726 | 0.016     | 0.013     | 0         | 58.5 | 59.8 | 62.8 | 166        | 169        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 9    | 35     | 28     | 0.988     | 0         | 1.722 | 0.016     | 0.013     | 0         | 59.3 | 59.8 | 51.2 | 167        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 9    | 50     | 28     | 1.063     | 0.039     | 1.719 | 0.016     | 0.016     | 0         | 62.4 | 63.2 | 45.6 | 175        | 177        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 10   | 5      | 28     | 1.004     | 0.069     | 1.726 | 0.016     | 0.016     | 0         | 61.5 | 61.9 | 59.8 | 172        | 174        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 10   | 20     | 28     | 1.037     | 0.036     | 1.719 | 0.016     | 0.013     | 0         | 61.1 | 61.5 | 60.2 | 171        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 10   | 35     | 28     | 1.01      | 0.016     | 1.716 | 0.016     | 0.016     | 0         | 61.1 | 61.5 | 59.8 | 170        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 3   | 10   | 50     | 28     | 1.06      | 0.026     | 1.713 | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 60.6 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 11   | 5      | 28     | 1.017     | 0.049     | 1.706 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 60.6 | 170        | 172        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 11   | 20     | 28     | 1.024     | 0.056     | 1.703 | 0.016     | 0.013     | 0         | 60.6 | 61.5 | 61.1 | 170        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 11   | 35     | 28     | 0.994     | 0.039     | 1.703 | 0.016     | 0.013     | 0         | 60.2 | 60.6 | 62.4 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 11   | 50     | 28     | 0.997     | 0.052     | 1.699 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 62.8 | 169        | 171        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 3   | 12   | 5      | 28     | 1.001     | 0.023     | 1.699 | 0.02      | 0.016     | 0         | 60.2 | 60.6 | 62.8 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 12   | 20     | 28     | 0.997     | 0.036     | 1.699 | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 63.6 | 168        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 12   | 35     | 28     | 0.981     | 0.03      | 1.696 | 0.016     | 0.013     | 0         | 60.2 | 60.6 | 63.2 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 12   | 50     | 28     | 1.043     | 0.02      | 1.696 | 0.016     | 0.016     | 0         | 60.2 | 60.6 | 64.1 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 13   | 5      | 28     | 1.014     | 0.02      | 1.696 | 0.016     | 0.016     | 0         | 59.8 | 60.6 | 64.5 | 168        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 13   | 20     | 28     | 1.02      | 0.02      | 1.696 | 0.016     | 0.013     | 0         | 59.8 | 60.2 | 63.2 | 168        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 13   | 35     | 28     | 1.01      | 0.01      | 1.69  | 0.016     | 0.013     | 0         | 59.8 | 60.6 | 55.5 | 168        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 13   | 50     | 28     | 1.05      | 0.023     | 1.69  | 0.02      | 0.016     | 0         | 60.6 | 61.1 | 53.8 | 169        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 3   | 14   | 5      | 28     | 1.001     | 0.043     | 1.69  | 0.016     | 0.016     | 0         | 60.2 | 60.6 | 55.9 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 14   | 20     | 28     | 1.03      | 0.003     | 1.686 | 0.016     | 0.013     | 0         | 59.8 | 60.6 | 51.2 | 169        | 171        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 14   | 35     | 28     | 1.043     | 0.01      | 1.686 | 0.016     | 0.013     | 0         | 60.6 | 61.5 | 54.6 | 170        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 14   | 50     | 28     | 1.033     | 0.016     | 1.686 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 55.5 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 15   | 5      | 28     | 1.027     | 0.003     | 1.683 | 0.02      | 0.016     | 0         | 60.2 | 60.6 | 54.6 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 15   | 20     | 28     | 1.033     | 0.075     | 1.677 | 0.016     | 0.016     | 0         | 62.4 | 63.2 | 49   | 174        | 176        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 15   | 35     | 28     | 1.04      | 0.059     | 1.683 | 0.016     | 0.016     | 0         | 61.1 | 61.9 | 55.9 | 172        | 174        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 15   | 50     | 28     | 1.02      | 0.085     | 1.683 | 0.016     | 0.016     | 0         | 61.5 | 61.9 | 57.2 | 172        | 174        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 16   | 5      | 28     | 1.027     | 0.066     | 1.683 | 0.016     | 0.013     | 0         | 60.6 | 61.9 | 56.8 | 171        | 174        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 16   | 20     | 28     | 1.027     | 0.026     | 1.683 | 0.016     | 0.016     | 0         | 61.1 | 62.4 | 58   | 171        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 16   | 35     | 28     | 0.991     | 0.059     | 1.683 | 0.016     | 0.013     | 0         | 61.9 | 62.8 | 55.5 | 172        | 175        | 0          | 28     | 29     |
| 2009 | 6     | 3   | 16   | 50     | 28     | 1.014     | 0.098     | 1.683 | 0.016     | 0.013     | 0         | 61.5 | 62.4 | 56.8 | 172        | 175        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 17   | 5      | 28     | 1.063     | 0.062     | 1.68  | 0.016     | 0.016     | 0         | 61.5 | 61.9 | 57.6 | 172        | 174        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 17   | 20     | 28     | 1.037     | 0.092     | 1.68  | 0.016     | 0.013     | 0         | 61.1 | 61.9 | 57.2 | 172        | 174        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 17   | 35     | 28     | 1.04      | 0.062     | 1.68  | 0.016     | 0.016     | 0         | 61.5 | 61.9 | 56.3 | 172        | 174        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 17   | 50     | 28     | 1.024     | 0.02      | 1.68  | 0.013     | 0.01      | 0         | 61.5 | 61.9 | 55.9 | 173        | 174        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 18   | 5      | 28     | 1.03      | 0.079     | 1.683 | 0.016     | 0.013     | 0         | 61.5 | 62.4 | 56.8 | 172        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 18   | 20     | 28     | 1.01      | 0.062     | 1.683 | 0.016     | 0.016     | 0         | 61.9 | 61.9 | 58.9 | 172        | 174        | 0          | 28     | 30     |
| 2009 | 6     | 3   | 18   | 35     | 28     | 1.014     | 0.098     | 1.686 | 0.02      | 0.016     | 0         | 61.5 | 61.9 | 58.5 | 172        | 174        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 18   | 50     | 28     | 1.04      | 0.026     | 1.686 | 0.016     | 0.016     | 0         | 60.6 | 61.5 | 60.6 | 170        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 19   | 5      | 28     | 1.024     | 0.056     | 1.686 | 0.016     | 0.013     | 0         | 60.6 | 60.6 | 62.4 | 170        | 172        | 0          | 29     | 31     |
| 2009 | 6     | 3   | 19   | 20     | 28     | 1.053     | 0.039     | 1.686 | 0.016     | 0.013     | 0         | 60.6 | 61.5 | 61.9 | 170        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 19   | 35     | 28     | 0.988     | 0.072     | 1.686 | 0.02      | 0.016     | 0         | 59.8 | 60.6 | 62.4 | 169        | 171        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 19   | 50     | 28     | 1.043     | 0.007     | 1.686 | 0.016     | 0.013     | 0         | 59.8 | 60.6 | 61.9 | 168        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 20   | 5      | 28     | 0.994     | 0.056     | 1.686 | 0.016     | 0.016     | 0         | 59.8 | 60.6 | 62.8 | 168        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 20   | 20     | 28     | 1.024     | 0         | 1.686 | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 62.8 | 168        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 20   | 35     | 28     | 0.981     | 0.03      | 1.683 | 0.016     | 0.016     | 0         | 60.2 | 60.6 | 62.4 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 20   | 50     | 28     | 0.997     | 0.046     | 1.683 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 62.4 | 169        | 171        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 21   | 5      | 28     | 0.925     | 0.023     | 1.683 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 61.9 | 169        | 171        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 21   | 20     | 28     | 0.974     | 0.039     | 1.683 | 0.02      | 0.016     | 0         | 60.2 | 61.1 | 62.4 | 169        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 21   | 35     | 28     | 1.033     | 0.007     | 1.683 | 0.02      | 0.016     | 0         | 59.8 | 60.2 | 61.9 | 168        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 21   | 50     | 28     | 1.007     | -0.01     | 1.683 | 0.016     | 0.016     | 0         | 59.8 | 60.2 | 61.9 | 168        | 171        | 0          | 29     | 31     |
| 2009 | 6     | 3   | 22   | 5      | 28     | 1.001     | 0.023     | 1.68  | 0.016     | 0.016     | 0         | 59.8 | 60.6 | 61.5 | 168        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 22   | 20     | 28     | 0.991     | 0.016     | 1.683 | 0.016     | 0.013     | 0         | 59.8 | 60.6 | 62.4 | 168        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 22   | 35     | 28     | 0.997     | -0.003    | 1.683 | 0.016     | 0.016     | 0         | 59.8 | 60.6 | 61.9 | 168        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 22   | 50     | 28     | 1.027     | 0.043     | 1.683 | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 61.9 | 168        | 170        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 23   | 5      | 28     | 0.935     | 0.023     | 1.683 | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 62.4 | 168        | 170        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 23   | 20     | 28     | 0.984     | 0.033     | 1.683 | 0.016     | 0.016     | 0         | 59.8 | 60.2 | 62.8 | 168        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 23   | 35     | 28     | 1.01      | 0         | 1.683 | 0.016     | 0.016     | 0         | 59.8 | 60.2 | 62.8 | 168        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 23   | 50     | 28     | 0.974     | 0.016     | 1.683 | 0.016     | 0.016     | 0         | 59.8 | 60.6 | 62.8 | 168        | 170        | 0          | 29     | 29     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 4   | 0    | 5      | 28     | 0.994     | 0.013     | 1.683 | 0.016     | 0.013     | 0         | 59.3 | 60.2 | 62.4 | 168        | 170        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 0    | 20     | 28     | 0.948     | -0.03     | 1.683 | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 62.4 | 167        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 0    | 35     | 28     | 0.965     | 0.007     | 1.683 | 0.016     | 0.016     | 0         | 59.3 | 60.6 | 63.2 | 167        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 0    | 50     | 28     | 0.994     | -0.013    | 1.683 | 0.016     | 0.013     | 0         | 59.3 | 60.6 | 62.8 | 167        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 1    | 5      | 28     | 1.004     | 0.007     | 1.683 | 0.016     | 0.016     | 0         | 59.3 | 60.6 | 62.8 | 168        | 170        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 1    | 20     | 28     | 0.961     | 0.033     | 1.683 | 0.016     | 0.016     | 0         | 59.8 | 60.2 | 62.4 | 168        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 1    | 35     | 28     | 0.974     | 0.023     | 1.683 | 0.016     | 0.013     | 0         | 59.8 | 60.6 | 63.2 | 168        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 1    | 50     | 28     | 1.014     | -0.01     | 1.683 | 0.016     | 0.013     | 0         | 59.8 | 60.2 | 63.2 | 168        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 2    | 5      | 28     | 1.001     | -0.01     | 1.683 | 0.016     | 0.013     | 0         | 59.3 | 60.2 | 62.8 | 168        | 170        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 2    | 20     | 28     | 0.991     | -0.013    | 1.683 | 0.02      | 0.016     | 0         | 58.9 | 60.6 | 63.2 | 167        | 170        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 2    | 35     | 28     | 0.968     | 0         | 1.683 | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 62.8 | 168        | 170        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 2    | 50     | 28     | 0.997     | 0.016     | 1.683 | 0.016     | 0.013     | 0         | 59.3 | 59.8 | 63.6 | 167        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 3    | 5      | 28     | 1.04      | -0.007    | 1.683 | 0.016     | 0.013     | 0         | 58.9 | 60.2 | 62.8 | 167        | 170        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 3    | 20     | 28     | 0.968     | -0.01     | 1.683 | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 63.6 | 167        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 3    | 35     | 28     | 0.974     | 0.026     | 1.683 | 0.016     | 0.013     | 0         | 59.3 | 60.2 | 64.1 | 167        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 3    | 50     | 28     | 0.994     | 0.007     | 1.683 | 0.016     | 0.013     | 0         | 59.3 | 59.8 | 64.1 | 168        | 170        | 0          | 30     | 31     |
| 2009 | 6     | 4   | 4    | 5      | 28     | 0.978     | -0.007    | 1.683 | 0.016     | 0.016     | 0         | 59.3 | 59.8 | 64.1 | 167        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 4    | 20     | 28     | 0.991     | 0.003     | 1.683 | 0.016     | 0.016     | 0         | 59.8 | 59.8 | 63.6 | 168        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 4    | 35     | 28     | 0.978     | 0.026     | 1.683 | 0.02      | 0.016     | 0         | 59.3 | 60.2 | 64.1 | 167        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 4    | 50     | 28     | 0.965     | 0         | 1.683 | 0.013     | 0.01      | 0         | 59.3 | 60.2 | 64.1 | 168        | 170        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 5    | 5      | 28     | 0.965     | 0         | 1.683 | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 64.5 | 168        | 170        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 5    | 20     | 28     | 0.961     | 0         | 1.683 | 0.016     | 0.016     | 0         | 58.9 | 59.8 | 65.4 | 167        | 169        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 5    | 35     | 28     | 0.974     | 0.049     | 1.683 | 0.016     | 0.013     | 0         | 58.9 | 59.8 | 64.9 | 167        | 169        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 5    | 50     | 28     | 1.024     | 0.023     | 1.683 | 0.016     | 0.016     | 0         | 58.9 | 59.3 | 64.9 | 167        | 168        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 6    | 5      | 28     | 1.017     | -0.026    | 1.683 | 0.016     | 0.013     | 0         | 58.9 | 59.8 | 65.4 | 166        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 6    | 20     | 28     | 0.971     | -0.003    | 1.683 | 0.016     | 0.013     | 0         | 58.5 | 59.3 | 64.9 | 166        | 168        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 6    | 35     | 28     | 1.001     | 0.01      | 1.683 | 0.016     | 0.016     | 0         | 58.9 | 58.9 | 65.8 | 166        | 168        | 0          | 29     | 31     |
| 2009 | 6     | 4   | 6    | 50     | 28     | 1.004     | 0.013     | 1.683 | 0.016     | 0.013     | 0         | 58.5 | 59.3 | 65.4 | 166        | 168        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 7    | 5      | 28     | 1.001     | -0.023    | 1.683 | 0.016     | 0.013     | 0         | 58.5 | 59.3 | 65.8 | 166        | 168        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 7    | 20     | 28     | 0.958     | 0.023     | 1.683 | 0.016     | 0.016     | 0         | 58.5 | 59.3 | 65.4 | 166        | 168        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 7    | 35     | 28     | 0.948     | 0.007     | 1.683 | 0.016     | 0.013     | 0         | 58   | 59.3 | 65.4 | 165        | 168        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 7    | 50     | 28     | 0.991     | 0         | 1.683 | 0.016     | 0.016     | 0         | 58.5 | 59.3 | 65.4 | 166        | 168        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 8    | 5      | 28     | 0.984     | 0.013     | 1.683 | 0.016     | 0.013     | 0         | 58.5 | 58.9 | 66.2 | 166        | 168        | 0          | 30     | 31     |
| 2009 | 6     | 4   | 8    | 20     | 28     | 0.968     | 0         | 1.683 | 0.016     | 0.013     | 0         | 58.5 | 59.8 | 66.2 | 165        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 8    | 35     | 28     | 0.994     | 0.03      | 1.683 | 0.016     | 0.013     | 0         | 58.5 | 59.3 | 65.8 | 166        | 168        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 8    | 50     | 28     | 0.997     | 0         | 1.683 | 0.016     | 0.016     | 0         | 58.5 | 59.3 | 65.8 | 166        | 168        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 9    | 5      | 28     | 0.984     | 0.026     | 1.683 | 0.016     | 0.016     | 0         | 58.5 | 59.3 | 65.4 | 165        | 168        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 9    | 20     | 28     | 0.974     | 0.026     | 1.683 | 0.016     | 0.013     | 0         | 58.9 | 59.8 | 64.9 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 9    | 35     | 28     | 0.988     | 0         | 1.683 | 0.02      | 0.016     | 0         | 58.9 | 59.3 | 65.4 | 166        | 168        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 9    | 50     | 28     | 0.942     | 0.013     | 1.683 | 0.016     | 0.016     | 0         | 58.5 | 59.3 | 65.4 | 166        | 168        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 10   | 5      | 28     | 0.945     | 0         | 1.683 | 0.016     | 0.016     | 0         | 58.5 | 59.3 | 64.9 | 166        | 168        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 10   | 20     | 28     | 0.994     | -0.043    | 1.683 | 0.016     | 0.013     | 0         | 58.5 | 59.8 | 64.5 | 166        | 169        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 10   | 35     | 28     | 1.04      | 0.059     | 1.683 | 0.016     | 0.013     | 0         | 58.5 | 59.3 | 64.1 | 166        | 168        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 10   | 50     | 28     | 0.922     | -0.003    | 1.683 | 0.016     | 0.013     | 0         | 58.9 | 59.8 | 62.4 | 166        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 11   | 5      | 28     | 0.988     | 0.007     | 1.683 | 0.016     | 0.013     | 0         | 58.9 | 59.8 | 61.9 | 167        | 169        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 11   | 20     | 28     | 0.984     | 0.043     | 1.683 | 0.016     | 0.013     | 0         | 58.9 | 59.8 | 61.5 | 167        | 169        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 11   | 35     | 28     | 0.951     | 0.033     | 1.683 | 0.016     | 0.013     | 0         | 58.9 | 59.8 | 62.8 | 167        | 169        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 11   | 50     | 28     | 1.033     | 0.039     | 1.683 | 0.016     | 0.013     | 0         | 59.3 | 59.8 | 63.2 | 167        | 169        | 0          | 29     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 4   | 12   | 5      | 28     | 1.033     | 0.036     | 1.68  | 0.016     | 0.013     | 0         | 59.3 | 60.2 | 61.5 | 167        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 12   | 20     | 28     | 1.043     | 0.023     | 1.68  | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 61.5 | 167        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 12   | 35     | 28     | 0.997     | 0.039     | 1.68  | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 61.5 | 167        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 12   | 50     | 28     | 1.04      | 0.003     | 1.68  | 0.016     | 0.013     | 0         | 59.3 | 60.2 | 61.5 | 167        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 13   | 5      | 28     | 0.988     | 0.039     | 1.677 | 0.016     | 0.013     | 0         | 58.9 | 59.8 | 61.5 | 167        | 169        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 13   | 20     | 28     | 0.991     | 0.03      | 1.68  | 0.02      | 0.016     | 0         | 59.3 | 60.6 | 60.6 | 167        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 13   | 35     | 28     | 0.984     | 0.01      | 1.673 | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 56.8 | 167        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 13   | 50     | 28     | 0.988     | 0.03      | 1.67  | 0.016     | 0.016     | 0         | 59.8 | 60.2 | 52.5 | 168        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 14   | 5      | 28     | 0.988     | 0.059     | 1.667 | 0.016     | 0.013     | 0         | 59.8 | 60.2 | 54.2 | 168        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 14   | 20     | 28     | 1.047     | 0.02      | 1.667 | 0.016     | 0.013     | 0         | 59.3 | 60.2 | 55.5 | 168        | 170        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 14   | 35     | 28     | 1.027     | 0         | 1.667 | 0.016     | 0.016     | 0         | 59.8 | 60.2 | 47.7 | 168        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 14   | 50     | 28     | 1.033     | -0.013    | 1.667 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 49.9 | 169        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 15   | 5      | 28     | 0.971     | 0         | 1.667 | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 49.9 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 15   | 20     | 28     | 0.988     | 0.039     | 1.663 | 0.016     | 0.013     | 0         | 60.6 | 61.1 | 50.3 | 170        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 15   | 35     | 28     | 1.027     | 0.013     | 1.663 | 0.016     | 0.013     | 0         | 60.6 | 61.1 | 50.7 | 170        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 15   | 50     | 28     | 1.02      | 0.003     | 1.663 | 0.016     | 0.013     | 0         | 60.6 | 61.5 | 52   | 170        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 16   | 5      | 28     | 1.056     | 0.043     | 1.66  | 0.016     | 0.013     | 0         | 60.6 | 61.1 | 53.3 | 170        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 16   | 20     | 28     | 1.001     | 0.043     | 1.66  | 0.016     | 0.016     | 0         | 60.6 | 61.5 | 51.6 | 170        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 16   | 35     | 28     | 0.991     | 0.043     | 1.66  | 0.016     | 0.016     | 0         | 60.6 | 61.9 | 52.5 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 16   | 50     | 28     | 1.066     | 0.016     | 1.657 | 0.016     | 0.013     | 0         | 60.6 | 61.5 | 53.3 | 170        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 17   | 5      | 28     | 1.07      | 0.043     | 1.657 | 0.016     | 0.016     | 0         | 60.6 | 61.1 | 53.3 | 170        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 17   | 20     | 28     | 1.086     | 0.02      | 1.657 | 0.016     | 0.013     | 0         | 60.6 | 61.1 | 51.6 | 170        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 17   | 35     | 28     | 1.066     | 0.072     | 1.657 | 0.016     | 0.016     | 0         | 60.6 | 61.5 | 53.8 | 170        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 17   | 50     | 28     | 1.02      | 0.03      | 1.657 | 0.02      | 0.016     | 0         | 60.6 | 61.5 | 56.3 | 170        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 18   | 5      | 28     | 1.05      | 0.069     | 1.654 | 0.016     | 0.016     | 0         | 61.5 | 61.9 | 54.2 | 171        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 4   | 18   | 20     | 28     | 0.997     | 0.033     | 1.654 | 0.02      | 0.016     | 0         | 61.1 | 61.9 | 55.9 | 171        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 18   | 35     | 28     | 1.033     | 0.02      | 1.654 | 0.02      | 0.016     | 0         | 61.5 | 61.9 | 56.8 | 171        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 4   | 18   | 50     | 28     | 1.033     | 0.046     | 1.654 | 0.016     | 0.013     | 0         | 61.1 | 61.9 | 56.8 | 171        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 19   | 5      | 28     | 0.974     | 0.049     | 1.654 | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 56.8 | 170        | 172        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 19   | 20     | 28     | 1.037     | 0.036     | 1.654 | 0.02      | 0.016     | 0         | 60.2 | 61.5 | 59.8 | 170        | 172        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 19   | 35     | 28     | 1.02      | -0.01     | 1.654 | 0.016     | 0.016     | 0         | 60.6 | 61.1 | 60.2 | 170        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 19   | 50     | 28     | 0.984     | 0.03      | 1.654 | 0.016     | 0.016     | 0         | 60.6 | 61.5 | 61.5 | 170        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 20   | 5      | 28     | 1.007     | 0.013     | 1.654 | 0.016     | 0.016     | 0         | 60.6 | 61.1 | 60.2 | 170        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 20   | 20     | 28     | 1.037     | 0.013     | 1.654 | 0.02      | 0.016     | 0         | 60.2 | 61.1 | 61.1 | 170        | 172        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 20   | 35     | 28     | 1.03      | 0.039     | 1.65  | 0.02      | 0.016     | 0         | 60.2 | 61.5 | 60.2 | 170        | 173        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 20   | 50     | 28     | 1.06      | 0.043     | 1.654 | 0.02      | 0.016     | 0         | 61.1 | 61.9 | 62.8 | 171        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 21   | 5      | 28     | 1.007     | 0.059     | 1.654 | 0.016     | 0.016     | 0         | 61.1 | 61.9 | 62.8 | 171        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 21   | 20     | 28     | 1.007     | 0.023     | 1.654 | 0.02      | 0.016     | 0         | 60.6 | 61.9 | 63.6 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 21   | 35     | 28     | 1.056     | 0.023     | 1.654 | 0.016     | 0.016     | 0         | 60.6 | 61.5 | 63.6 | 170        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 21   | 50     | 28     | 0.991     | 0.007     | 1.654 | 0.016     | 0.016     | 0         | 60.6 | 61.9 | 63.6 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 22   | 5      | 28     | 1.047     | 0         | 1.654 | 0.016     | 0.016     | 0         | 60.6 | 61.5 | 64.1 | 170        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 22   | 20     | 28     | 1.03      | 0         | 1.654 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 64.1 | 170        | 173        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 22   | 35     | 28     | 1.027     | 0         | 1.654 | 0.016     | 0.013     | 0         | 60.6 | 61.9 | 63.6 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 22   | 50     | 28     | 1.024     | 0.03      | 1.654 | 0.02      | 0.016     | 0         | 61.1 | 61.5 | 64.1 | 171        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 23   | 5      | 28     | 1.03      | 0.016     | 1.654 | 0.016     | 0.016     | 0         | 60.6 | 61.9 | 64.1 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 23   | 20     | 28     | 0.971     | 0.01      | 1.654 | 0.016     | 0.016     | 0         | 60.6 | 61.9 | 63.6 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 23   | 35     | 28     | 1.001     | 0         | 1.654 | 0.02      | 0.016     | 0         | 60.2 | 61.1 | 64.1 | 170        | 172        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 23   | 50     | 28     | 1.007     | 0.039     | 1.657 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 64.1 | 168        | 172        | 0          | 29     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 5   | 0    | 5      | 28     | 1.027     | 0         | 1.657 | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 64.1 | 168        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 0    | 20     | 28     | 1.01      | -0.01     | 1.657 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 64.1 | 169        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 0    | 35     | 28     | 1.004     | 0.013     | 1.657 | 0.016     | 0.013     | 0         | 59.8 | 60.6 | 64.5 | 169        | 171        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 0    | 50     | 28     | 1.024     | 0.03      | 1.657 | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 64.1 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 1    | 5      | 28     | 1.001     | 0.026     | 1.657 | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 64.1 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 1    | 20     | 28     | 1.004     | 0.02      | 1.657 | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 64.5 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 1    | 35     | 28     | 0.945     | 0.01      | 1.654 | 0.016     | 0.016     | 0         | 60.6 | 61.5 | 63.6 | 170        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 1    | 50     | 28     | 0.965     | 0.013     | 1.654 | 0.016     | 0.016     | 0         | 60.6 | 61.5 | 64.1 | 170        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 2    | 5      | 28     | 0.997     | 0.007     | 1.657 | 0.016     | 0.013     | 0         | 60.2 | 60.6 | 63.6 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 2    | 20     | 28     | 0.938     | 0.01      | 1.654 | 0.016     | 0.016     | 0         | 60.6 | 61.1 | 63.6 | 170        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 2    | 35     | 28     | 1.01      | 0.01      | 1.654 | 0.02      | 0.016     | 0         | 60.6 | 61.9 | 64.5 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 2    | 50     | 28     | 0.984     | 0.007     | 1.654 | 0.02      | 0.016     | 0         | 60.2 | 61.1 | 64.1 | 170        | 172        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 3    | 5      | 28     | 0.958     | 0.023     | 1.654 | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 63.6 | 170        | 172        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 3    | 20     | 28     | 0.951     | 0.023     | 1.654 | 0.016     | 0.016     | 0         | 60.6 | 61.1 | 64.5 | 170        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 3    | 35     | 28     | 0.984     | 0.01      | 1.654 | 0.02      | 0.016     | 0         | 60.6 | 61.1 | 64.5 | 170        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 3    | 50     | 28     | 0.991     | 0.007     | 1.654 | 0.016     | 0.013     | 0         | 60.6 | 61.1 | 64.1 | 170        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 4    | 5      | 28     | 0.932     | 0.01      | 1.654 | 0.016     | 0.016     | 0         | 60.6 | 61.1 | 64.1 | 170        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 4    | 20     | 28     | 0.984     | 0.01      | 1.654 | 0.02      | 0.016     | 0         | 59.8 | 61.5 | 64.1 | 169        | 172        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 4    | 35     | 28     | 0.978     | 0.007     | 1.654 | 0.02      | 0.016     | 0         | 59.8 | 61.5 | 64.1 | 169        | 172        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 4    | 50     | 28     | 0.981     | 0.03      | 1.654 | 0.02      | 0.016     | 0         | 59.8 | 61.1 | 64.1 | 169        | 172        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 5    | 5      | 28     | 0.978     | 0.023     | 1.654 | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 64.1 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 5    | 20     | 28     | 0.974     | 0.02      | 1.654 | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 64.1 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 5    | 35     | 28     | 0.994     | -0.026    | 1.654 | 0.02      | 0.016     | 0         | 60.2 | 60.6 | 64.5 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 5    | 50     | 28     | 1.007     | -0.03     | 1.654 | 0.02      | 0.016     | 0         | 59.8 | 60.6 | 64.1 | 169        | 171        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 6    | 5      | 28     | 1.014     | -0.013    | 1.654 | 0.02      | 0.016     | 0         | 59.3 | 60.2 | 64.5 | 168        | 170        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 6    | 20     | 28     | 0.961     | -0.007    | 1.654 | 0.016     | 0.013     | 0         | 60.2 | 60.6 | 64.1 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 6    | 35     | 28     | 1.02      | -0.02     | 1.65  | 0.016     | 0.013     | 0         | 60.2 | 60.6 | 64.1 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 6    | 50     | 28     | 0.991     | 0.039     | 1.65  | 0.02      | 0.016     | 0         | 59.3 | 60.6 | 64.5 | 168        | 171        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 7    | 5      | 28     | 0.981     | 0         | 1.65  | 0.02      | 0.016     | 0         | 59.8 | 60.6 | 64.5 | 168        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 7    | 20     | 28     | 0.991     | -0.007    | 1.65  | 0.02      | 0.016     | 0         | 59.3 | 60.6 | 64.5 | 168        | 170        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 7    | 35     | 28     | 0.961     | 0.013     | 1.65  | 0.02      | 0.016     | 0         | 59.8 | 60.2 | 64.5 | 168        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 7    | 50     | 28     | 1.02      | -0.013    | 1.65  | 0.02      | 0.016     | 0         | 59.8 | 60.2 | 64.9 | 168        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 8    | 5      | 28     | 1.004     | 0.013     | 1.65  | 0.016     | 0.016     | 0         | 59.8 | 59.8 | 65.4 | 168        | 170        | 0          | 29     | 31     |
| 2009 | 6     | 5   | 8    | 20     | 28     | 1.014     | 0.023     | 1.65  | 0.02      | 0.016     | 0         | 58.9 | 59.8 | 65.4 | 167        | 169        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 8    | 35     | 28     | 0.981     | 0.007     | 1.65  | 0.016     | 0.016     | 0         | 58.9 | 59.8 | 64.9 | 167        | 169        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 8    | 50     | 28     | 1.014     | 0.026     | 1.65  | 0.016     | 0.013     | 0         | 59.8 | 60.2 | 64.9 | 168        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 9    | 5      | 28     | 0.942     | 0.036     | 1.647 | 0.02      | 0.016     | 0         | 59.3 | 59.8 | 65.4 | 167        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 9    | 20     | 28     | 0.876     | 0.013     | 1.647 | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 65.4 | 168        | 170        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 9    | 35     | 28     | 0.981     | 0.007     | 1.647 | 0.016     | 0.016     | 0         | 59.3 | 59.8 | 65.4 | 168        | 169        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 9    | 50     | 28     | 0.988     | -0.007    | 1.65  | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 65.4 | 167        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 10   | 5      | 28     | 0.981     | -0.016    | 1.647 | 0.016     | 0.016     | 0         | 58.9 | 60.6 | 64.5 | 167        | 170        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 10   | 20     | 28     | 0.958     | -0.003    | 1.647 | 0.016     | 0.016     | 0         | 59.8 | 60.2 | 64.9 | 168        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 10   | 35     | 28     | 0.958     | -0.016    | 1.65  | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 64.9 | 168        | 170        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 10   | 50     | 28     | 0.968     | -0.003    | 1.65  | 0.02      | 0.016     | 0         | 58.9 | 59.8 | 65.8 | 167        | 169        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 11   | 5      | 28     | 0.968     | -0.016    | 1.647 | 0.016     | 0.013     | 0         | 58.9 | 60.2 | 65.8 | 167        | 170        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 11   | 20     | 28     | 0.951     | -0.026    | 1.647 | 0.016     | 0.016     | 0         | 59.3 | 59.8 | 65.4 | 167        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 11   | 35     | 28     | 1.014     | -0.03     | 1.647 | 0.02      | 0.016     | 0         | 59.8 | 60.2 | 65.4 | 168        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 11   | 50     | 28     | 0.948     | -0.016    | 1.647 | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 64.5 | 168        | 170        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 5   | 12   | 5      | 28     | 0.928     | -0.043    | 1.647 | 0.02      | 0.016     | 0         | 59.3 | 60.2 | 64.9 | 168        | 170        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 12   | 20     | 28     | 0.945     | 0.007     | 1.647 | 0.016     | 0.016     | 0         | 60.2 | 60.6 | 63.6 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 12   | 35     | 28     | 0.978     | 0.01      | 1.644 | 0.016     | 0.016     | 0         | 59.3 | 60.6 | 63.6 | 167        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 12   | 50     | 28     | 0.942     | 0         | 1.644 | 0.02      | 0.016     | 0         | 59.8 | 61.1 | 62.4 | 169        | 171        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 13   | 5      | 28     | 0.938     | -0.003    | 1.644 | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 61.9 | 169        | 171        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 13   | 20     | 28     | 0.935     | -0.003    | 1.644 | 0.02      | 0.016     | 0         | 59.3 | 60.6 | 62.4 | 168        | 171        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 13   | 35     | 28     | 0.928     | 0         | 1.64  | 0.02      | 0.016     | 0         | 60.6 | 61.9 | 61.5 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 13   | 50     | 28     | 0.974     | -0.039    | 1.644 | 0.016     | 0.016     | 0         | 60.2 | 60.6 | 61.5 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 14   | 5      | 28     | 0.909     | -0.01     | 1.637 | 0.02      | 0.016     | 0         | 59.8 | 61.1 | 61.5 | 169        | 171        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 14   | 20     | 28     | 0.958     | 0.007     | 1.627 | 0.02      | 0.016     | 0         | 60.2 | 61.5 | 60.6 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 14   | 35     | 28     | 0.951     | -0.003    | 1.631 | 0.02      | 0.016     | 0         | 60.6 | 61.9 | 61.1 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 14   | 50     | 28     | 0.948     | 0.023     | 1.631 | 0.02      | 0.016     | 0         | 60.2 | 61.1 | 61.9 | 170        | 172        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 15   | 5      | 28     | 1.014     | 0.01      | 1.627 | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 61.9 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 15   | 20     | 28     | 0.978     | 0.03      | 1.631 | 0.016     | 0.016     | 0         | 60.6 | 61.1 | 61.9 | 170        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 15   | 35     | 28     | 0.974     | 0         | 1.631 | 0.02      | 0.016     | 0         | 59.8 | 61.1 | 62.4 | 169        | 171        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 15   | 50     | 28     | 0.978     | -0.013    | 1.627 | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 61.5 | 170        | 172        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 16   | 5      | 28     | 1.004     | 0.016     | 1.627 | 0.02      | 0.016     | 0         | 60.2 | 61.5 | 61.9 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 16   | 20     | 28     | 0.961     | 0.026     | 1.624 | 0.016     | 0.013     | 0         | 60.6 | 61.5 | 60.6 | 170        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 16   | 35     | 28     | 0.984     | 0.013     | 1.624 | 0.016     | 0.016     | 0         | 60.6 | 61.5 | 60.6 | 170        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 16   | 50     | 28     | 0.925     | -0.03     | 1.627 | 0.016     | 0.016     | 0         | 60.6 | 61.5 | 61.5 | 170        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 17   | 5      | 28     | 0.925     | 0.036     | 1.627 | 0.016     | 0.016     | 0         | 60.6 | 61.9 | 59.8 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 17   | 20     | 28     | 0.981     | 0.049     | 1.627 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 61.9 | 170        | 173        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 17   | 35     | 28     | 0.925     | -0.003    | 1.627 | 0.016     | 0.013     | 0         | 60.6 | 61.1 | 61.9 | 170        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 17   | 50     | 28     | 0.932     | 0.013     | 1.627 | 0.02      | 0.016     | 0         | 61.1 | 61.5 | 61.1 | 170        | 173        | 0          | 28     | 30     |
| 2009 | 6     | 5   | 18   | 5      | 28     | 0.971     | 0.016     | 1.627 | 0.016     | 0.013     | 0         | 61.1 | 61.5 | 61.9 | 171        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 18   | 20     | 28     | 0.945     | -0.016    | 1.627 | 0.02      | 0.016     | 0         | 60.6 | 61.5 | 61.9 | 170        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 18   | 35     | 28     | 0.978     | -0.02     | 1.627 | 0.02      | 0.016     | 0         | 60.2 | 61.5 | 61.9 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 18   | 50     | 28     | 0.951     | 0.023     | 1.627 | 0.02      | 0.016     | 0         | 60.2 | 61.5 | 61.9 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 19   | 5      | 28     | 0.965     | 0.02      | 1.627 | 0.016     | 0.016     | 0         | 60.6 | 61.1 | 62.4 | 170        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 19   | 20     | 28     | 0.942     | 0.01      | 1.627 | 0.016     | 0.016     | 0         | 61.1 | 61.9 | 61.9 | 170        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 5   | 19   | 35     | 28     | 0.965     | 0.043     | 1.631 | 0.02      | 0.016     | 0         | 60.6 | 61.9 | 61.5 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 19   | 50     | 28     | 0.984     | -0.03     | 1.631 | 0.016     | 0.016     | 0         | 60.6 | 61.9 | 61.5 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 20   | 5      | 28     | 0.978     | -0.02     | 1.631 | 0.016     | 0.016     | 0         | 61.1 | 61.9 | 61.9 | 170        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 5   | 20   | 20     | 28     | 0.971     | -0.013    | 1.631 | 0.02      | 0.016     | 0         | 60.2 | 61.1 | 61.1 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 20   | 35     | 28     | 0.994     | -0.023    | 1.631 | 0.02      | 0.016     | 0         | 60.6 | 61.1 | 61.1 | 170        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 20   | 50     | 28     | 1.001     | 0.01      | 1.634 | 0.016     | 0.016     | 0         | 60.6 | 61.9 | 61.1 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 21   | 5      | 28     | 0.988     | -0.013    | 1.634 | 0.02      | 0.016     | 0         | 60.2 | 61.9 | 60.6 | 170        | 173        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 21   | 20     | 28     | 0.942     | 0.03      | 1.631 | 0.02      | 0.016     | 0         | 60.6 | 61.1 | 60.6 | 170        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 21   | 35     | 28     | 0.965     | 0.013     | 1.631 | 0.02      | 0.016     | 0         | 60.6 | 61.5 | 58.5 | 170        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 21   | 50     | 28     | 0.919     | -0.013    | 1.631 | 0.02      | 0.016     | 0         | 60.6 | 61.5 | 60.2 | 170        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 22   | 5      | 28     | 0.932     | 0         | 1.634 | 0.02      | 0.016     | 0         | 60.6 | 61.5 | 60.2 | 170        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 22   | 20     | 28     | 0.948     | 0.013     | 1.634 | 0.02      | 0.016     | 0         | 60.6 | 61.1 | 59.3 | 170        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 22   | 35     | 28     | 0.909     | 0.01      | 1.634 | 0.02      | 0.016     | 0         | 60.6 | 61.5 | 58.5 | 170        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 22   | 50     | 28     | 0.932     | -0.007    | 1.634 | 0.02      | 0.016     | 0         | 60.2 | 61.5 | 59.8 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 23   | 5      | 28     | 0.915     | 0.01      | 1.637 | 0.02      | 0.016     | 0         | 60.6 | 61.9 | 59.8 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 23   | 20     | 28     | 0.988     | 0.01      | 1.644 | 0.016     | 0.016     | 0         | 60.6 | 61.5 | 60.6 | 170        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 23   | 35     | 28     | 0.994     | 0.039     | 1.64  | 0.02      | 0.016     | 0         | 60.6 | 61.5 | 61.1 | 170        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 23   | 50     | 28     | 0.994     | 0.026     | 1.64  | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 60.2 | 169        | 172        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 6   | 0    | 5      | 28     | 0.968     | -0.013    | 1.637 | 0.02      | 0.016     | 0         | 61.1 | 61.5 | 60.6 | 171        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 0    | 20     | 28     | 0.909     | 0.013     | 1.64  | 0.016     | 0.016     | 0         | 60.6 | 61.5 | 59.8 | 170        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 0    | 35     | 28     | 0.919     | -0.013    | 1.644 | 0.016     | 0.013     | 0         | 61.1 | 61.5 | 61.1 | 171        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 0    | 50     | 28     | 0.984     | -0.013    | 1.647 | 0.02      | 0.016     | 0         | 61.1 | 61.9 | 61.5 | 171        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 1    | 5      | 28     | 0.984     | -0.003    | 1.647 | 0.02      | 0.016     | 0         | 60.2 | 61.1 | 61.5 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 1    | 20     | 28     | 0.984     | -0.013    | 1.647 | 0.02      | 0.016     | 0         | 60.2 | 61.5 | 61.1 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 1    | 35     | 28     | 0.932     | -0.026    | 1.647 | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 61.5 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 1    | 50     | 28     | 0.951     | -0.016    | 1.647 | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 61.9 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 2    | 5      | 28     | 0.932     | -0.013    | 1.647 | 0.02      | 0.016     | 0         | 60.6 | 61.1 | 61.9 | 170        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 2    | 20     | 28     | 0.958     | 0.01      | 1.65  | 0.02      | 0.016     | 0         | 60.2 | 61.1 | 61.9 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 2    | 35     | 28     | 0.909     | -0.016    | 1.65  | 0.02      | 0.016     | 0         | 60.6 | 61.1 | 62.4 | 170        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 2    | 50     | 28     | 0.942     | -0.01     | 1.65  | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 61.9 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 3    | 5      | 28     | 0.938     | -0.007    | 1.65  | 0.023     | 0.02      | 0         | 60.6 | 61.9 | 61.5 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 3    | 20     | 28     | 0.899     | -0.007    | 1.65  | 0.016     | 0.016     | 0         | 59.8 | 61.5 | 62.4 | 169        | 172        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 3    | 35     | 28     | 0.896     | -0.026    | 1.65  | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 62.4 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 3    | 50     | 28     | 0.948     | -0.033    | 1.65  | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 62.8 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 4    | 5      | 28     | 0.955     | -0.007    | 1.65  | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 62.8 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 4    | 20     | 28     | 0.942     | -0.007    | 1.65  | 0.02      | 0.016     | 0         | 60.2 | 61.5 | 63.2 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 4    | 35     | 28     | 0.915     | 0         | 1.65  | 0.02      | 0.016     | 0         | 60.2 | 61.1 | 62.4 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 4    | 50     | 28     | 0.968     | 0         | 1.65  | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 63.6 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 5    | 5      | 28     | 0.968     | -0.016    | 1.65  | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 62.8 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 5    | 20     | 28     | 0.938     | 0.02      | 1.65  | 0.016     | 0.016     | 0         | 60.6 | 61.1 | 62.8 | 170        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 5    | 35     | 28     | 0.971     | 0.026     | 1.65  | 0.02      | 0.016     | 0         | 61.1 | 61.9 | 61.5 | 171        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 5    | 50     | 28     | 0.955     | -0.046    | 1.654 | 0.016     | 0.013     | 0         | 61.1 | 61.5 | 62.8 | 171        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 6    | 5      | 28     | 0.922     | 0.046     | 1.65  | 0.016     | 0.013     | 0         | 60.6 | 61.5 | 61.9 | 171        | 172        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 6    | 20     | 28     | 0.932     | 0.007     | 1.65  | 0.02      | 0.016     | 0         | 60.6 | 61.5 | 62.4 | 171        | 173        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 6    | 35     | 28     | 0.968     | 0         | 1.65  | 0.016     | 0.016     | 0         | 60.2 | 60.6 | 63.6 | 170        | 172        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 6    | 50     | 28     | 0.955     | -0.03     | 1.65  | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 61.1 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 7    | 5      | 28     | 0.945     | 0.007     | 1.65  | 0.02      | 0.016     | 0         | 60.2 | 61.1 | 58.9 | 170        | 172        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 7    | 20     | 28     | 0.912     | 0.026     | 1.65  | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 57.6 | 170        | 172        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 7    | 35     | 28     | 0.948     | 0.03      | 1.65  | 0.016     | 0.016     | 0         | 60.6 | 61.1 | 57.2 | 170        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 7    | 50     | 28     | 0.935     | -0.013    | 1.65  | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 56.8 | 170        | 173        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 8    | 5      | 28     | 0.965     | -0.013    | 1.65  | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 58.5 | 169        | 172        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 8    | 20     | 28     | 0.938     | -0.01     | 1.65  | 0.02      | 0.016     | 0         | 60.6 | 61.1 | 57.6 | 170        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 8    | 35     | 28     | 0.935     | -0.039    | 1.65  | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 60.6 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 8    | 50     | 28     | 0.869     | -0.049    | 1.65  | 0.02      | 0.016     | 0         | 59.8 | 60.6 | 59.8 | 169        | 171        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 9    | 5      | 28     | 0.879     | -0.039    | 1.65  | 0.02      | 0.016     | 0         | 59.8 | 60.6 | 59.8 | 169        | 171        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 9    | 20     | 28     | 0.909     | 0.003     | 1.65  | 0.016     | 0.013     | 0         | 59.8 | 60.6 | 60.2 | 169        | 171        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 9    | 35     | 28     | 0.971     | -0.013    | 1.65  | 0.016     | 0.016     | 0         | 60.2 | 60.6 | 61.1 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 9    | 50     | 28     | 0.935     | 0         | 1.65  | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 63.2 | 169        | 171        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 10   | 5      | 28     | 0.945     | -0.016    | 1.65  | 0.016     | 0.016     | 0         | 59.3 | 60.6 | 64.1 | 168        | 171        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 10   | 20     | 28     | 0.899     | 0.003     | 1.65  | 0.02      | 0.016     | 0         | 60.2 | 60.6 | 60.2 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 10   | 35     | 28     | 0.938     | 0         | 1.65  | 0.02      | 0.016     | 0         | 60.2 | 60.6 | 61.1 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 10   | 50     | 28     | 0.879     | 0.03      | 1.65  | 0.02      | 0.016     | 0         | 59.8 | 60.2 | 61.5 | 168        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 11   | 5      | 28     | 0.922     | -0.036    | 1.654 | 0.016     | 0.016     | 0         | 59.8 | 60.6 | 61.5 | 169        | 171        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 11   | 20     | 28     | 0.938     | -0.013    | 1.654 | 0.016     | 0.016     | 0         | 59.8 | 60.2 | 63.6 | 168        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 11   | 35     | 28     | 0.899     | -0.016    | 1.654 | 0.02      | 0.016     | 0         | 59.8 | 60.6 | 64.1 | 169        | 171        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 11   | 50     | 28     | 0.925     | -0.023    | 1.654 | 0.02      | 0.016     | 0         | 59.3 | 60.2 | 64.9 | 168        | 170        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 6   | 12   | 5      | 28     | 0.974     | -0.039    | 1.654 | 0.016     | 0.013     | 0         | 59.8 | 60.6 | 64.9 | 168        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 12   | 20     | 28     | 0.958     | 0.013     | 1.654 | 0.02      | 0.016     | 0         | 59.8 | 60.6 | 64.5 | 168        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 12   | 35     | 28     | 1.007     | -0.039    | 1.657 | 0.02      | 0.016     | 0         | 59.3 | 60.6 | 65.4 | 167        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 12   | 50     | 28     | 1.01      | -0.023    | 1.657 | 0.016     | 0.016     | 0         | 58.5 | 59.8 | 64.9 | 166        | 169        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 13   | 5      | 28     | 1.04      | -0.026    | 1.657 | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 64.9 | 167        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 13   | 20     | 28     | 0.974     | -0.013    | 1.657 | 0.016     | 0.013     | 0         | 59.8 | 60.6 | 65.4 | 168        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 13   | 35     | 28     | 0.997     | 0         | 1.657 | 0.016     | 0.013     | 0         | 59.3 | 59.8 | 64.5 | 167        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 13   | 50     | 28     | 1.04      | -0.03     | 1.66  | 0.02      | 0.016     | 0         | 59.3 | 59.8 | 64.9 | 167        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 14   | 5      | 28     | 0.988     | -0.036    | 1.657 | 0.016     | 0.016     | 0         | 59.3 | 60.6 | 64.5 | 167        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 14   | 20     | 28     | 0.971     | 0.033     | 1.66  | 0.016     | 0.013     | 0         | 59.3 | 59.8 | 64.9 | 167        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 14   | 35     | 28     | 0.997     | 0.013     | 1.66  | 0.016     | 0.016     | 0         | 59.3 | 59.8 | 64.1 | 167        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 14   | 50     | 28     | 0.978     | -0.03     | 1.66  | 0.016     | 0.013     | 0         | 59.8 | 60.2 | 61.1 | 168        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 15   | 5      | 28     | 0.991     | 0.007     | 1.66  | 0.016     | 0.016     | 0         | 59.8 | 60.2 | 61.9 | 168        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 15   | 20     | 28     | 1.024     | -0.007    | 1.66  | 0.016     | 0.016     | 0         | 59.3 | 60.6 | 64.1 | 167        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 15   | 35     | 28     | 1.066     | 0.026     | 1.66  | 0.016     | 0.016     | 0         | 59.8 | 60.6 | 64.5 | 168        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 15   | 50     | 28     | 0.997     | 0.043     | 1.66  | 0.016     | 0.013     | 0         | 60.2 | 60.6 | 61.9 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 16   | 5      | 28     | 1.007     | 0.016     | 1.66  | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 63.2 | 168        | 170        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 16   | 20     | 28     | 1.027     | 0.03      | 1.663 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 61.5 | 168        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 16   | 35     | 28     | 0.978     | 0         | 1.663 | 0.016     | 0.013     | 0         | 59.8 | 60.2 | 63.2 | 168        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 16   | 50     | 28     | 1.05      | 0.023     | 1.663 | 0.02      | 0.016     | 0         | 59.8 | 60.6 | 62.8 | 168        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 17   | 5      | 28     | 1.01      | 0.02      | 1.663 | 0.016     | 0.016     | 0         | 59.8 | 60.6 | 62.8 | 168        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 17   | 20     | 28     | 1.053     | -0.013    | 1.663 | 0.016     | 0.016     | 0         | 59.8 | 60.2 | 62.8 | 168        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 17   | 35     | 28     | 1.007     | 0.013     | 1.663 | 0.016     | 0.016     | 0         | 60.6 | 61.1 | 60.2 | 170        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 17   | 50     | 28     | 0.994     | 0.013     | 1.667 | 0.016     | 0.013     | 0         | 60.6 | 61.1 | 61.9 | 170        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 18   | 5      | 28     | 0.997     | 0.023     | 1.667 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 61.1 | 170        | 172        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 18   | 20     | 28     | 0.978     | 0.007     | 1.67  | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 61.1 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 18   | 35     | 28     | 0.968     | 0.043     | 1.673 | 0.016     | 0.016     | 0         | 60.6 | 60.6 | 60.6 | 170        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 18   | 50     | 28     | 1.02      | 0.023     | 1.673 | 0.016     | 0.013     | 0         | 60.2 | 60.6 | 60.2 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 19   | 5      | 28     | 1.014     | -0.007    | 1.68  | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 60.6 | 169        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 19   | 20     | 28     | 0.994     | 0.016     | 1.683 | 0.016     | 0.016     | 0         | 60.2 | 60.6 | 61.1 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 19   | 35     | 28     | 0.978     | -0.01     | 1.686 | 0.016     | 0.013     | 0         | 60.2 | 60.6 | 61.5 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 19   | 50     | 28     | 0.991     | 0         | 1.686 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 61.9 | 169        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 20   | 5      | 28     | 0.912     | -0.016    | 1.686 | 0.02      | 0.016     | 0         | 60.2 | 60.6 | 61.5 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 20   | 20     | 28     | 1.007     | 0         | 1.69  | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 62.8 | 169        | 172        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 20   | 35     | 28     | 1.043     | -0.01     | 1.69  | 0.02      | 0.016     | 0         | 60.2 | 60.6 | 63.6 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 20   | 50     | 28     | 0.974     | 0         | 1.693 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 63.2 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 21   | 5      | 28     | 0.938     | 0         | 1.693 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 62.8 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 21   | 20     | 28     | 1.03      | -0.007    | 1.693 | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 63.6 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 21   | 35     | 28     | 0.945     | 0         | 1.696 | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 64.1 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 21   | 50     | 28     | 1.037     | 0.01      | 1.696 | 0.016     | 0.013     | 0         | 60.2 | 60.6 | 64.5 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 22   | 5      | 28     | 0.951     | -0.02     | 1.696 | 0.016     | 0.016     | 0         | 60.2 | 60.6 | 64.5 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 22   | 20     | 28     | 1.004     | -0.013    | 1.696 | 0.016     | 0.016     | 0         | 59.3 | 60.6 | 64.1 | 168        | 171        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 22   | 35     | 28     | 1.033     | -0.02     | 1.696 | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 63.6 | 169        | 171        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 22   | 50     | 28     | 0.955     | -0.013    | 1.699 | 0.016     | 0.016     | 0         | 59.8 | 60.6 | 64.5 | 168        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 23   | 5      | 28     | 0.981     | -0.007    | 1.696 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 64.1 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 23   | 20     | 28     | 0.984     | -0.043    | 1.699 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 64.1 | 169        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 23   | 35     | 28     | 0.965     | -0.013    | 1.699 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 63.6 | 169        | 171        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 23   | 50     | 28     | 0.902     | -0.02     | 1.699 | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 62.4 | 169        | 172        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 7   | 0    | 5      | 28     | 0.958     | -0.003    | 1.699 | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 63.2 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 0    | 20     | 28     | 0.906     | -0.013    | 1.699 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 63.2 | 169        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 0    | 35     | 28     | 0.984     | -0.013    | 1.699 | 0.02      | 0.016     | 0         | 60.2 | 61.1 | 62.8 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 0    | 50     | 28     | 0.928     | 0         | 1.703 | 0.016     | 0.016     | 0         | 60.2 | 60.6 | 63.2 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 1    | 5      | 28     | 0.974     | -0.02     | 1.703 | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 62.8 | 169        | 171        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 1    | 20     | 28     | 0.997     | 0         | 1.703 | 0.016     | 0.013     | 0         | 59.8 | 60.6 | 62.4 | 168        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 1    | 35     | 28     | 0.997     | 0.007     | 1.706 | 0.02      | 0.016     | 0         | 59.8 | 61.1 | 62.4 | 168        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 1    | 50     | 28     | 0.984     | -0.003    | 1.706 | 0.016     | 0.016     | 0         | 60.2 | 60.6 | 61.9 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 2    | 5      | 28     | 0.971     | -0.007    | 1.706 | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 60.6 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 2    | 20     | 28     | 0.955     | 0.013     | 1.706 | 0.02      | 0.016     | 0         | 60.2 | 60.6 | 60.6 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 2    | 35     | 28     | 0.978     | 0         | 1.709 | 0.016     | 0.016     | 0         | 59.8 | 60.6 | 60.6 | 169        | 171        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 2    | 50     | 28     | 0.981     | -0.039    | 1.709 | 0.016     | 0.013     | 0         | 60.2 | 60.6 | 61.1 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 3    | 5      | 28     | 0.994     | 0         | 1.713 | 0.016     | 0.016     | 0         | 59.8 | 60.6 | 60.6 | 169        | 171        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 3    | 20     | 28     | 0.974     | -0.007    | 1.716 | 0.016     | 0.013     | 0         | 60.2 | 60.6 | 61.5 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 3    | 35     | 28     | 0.974     | 0         | 1.719 | 0.016     | 0.016     | 0         | 59.3 | 61.1 | 61.5 | 168        | 171        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 3    | 50     | 28     | 0.951     | -0.007    | 1.722 | 0.016     | 0.013     | 0         | 59.3 | 60.6 | 61.5 | 168        | 171        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 4    | 5      | 28     | 0.997     | -0.03     | 1.719 | 0.016     | 0.016     | 0         | 59.3 | 60.6 | 61.5 | 168        | 171        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 4    | 20     | 28     | 0.981     | -0.003    | 1.722 | 0.016     | 0.016     | 0         | 59.8 | 60.6 | 62.4 | 168        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 4    | 35     | 28     | 1.027     | -0.023    | 1.722 | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 62.4 | 168        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 4    | 50     | 28     | 0.984     | -0.013    | 1.722 | 0.016     | 0.016     | 0         | 59.8 | 60.6 | 62.8 | 168        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 5    | 5      | 28     | 1.001     | 0.007     | 1.722 | 0.016     | 0.016     | 0         | 60.2 | 60.6 | 62.8 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 5    | 20     | 28     | 0.991     | -0.013    | 1.726 | 0.016     | 0.013     | 0         | 59.3 | 60.6 | 63.2 | 168        | 170        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 5    | 35     | 28     | 1.001     | -0.023    | 1.726 | 0.016     | 0.013     | 0         | 59.3 | 60.2 | 64.1 | 168        | 170        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 5    | 50     | 28     | 0.994     | 0.013     | 1.726 | 0.016     | 0.016     | 0         | 59.8 | 60.6 | 64.1 | 168        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 6    | 5      | 28     | 1.027     | -0.013    | 1.726 | 0.016     | 0.013     | 0         | 59.8 | 60.2 | 64.1 | 168        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 6    | 20     | 28     | 0.978     | -0.013    | 1.726 | 0.02      | 0.016     | 0         | 59.8 | 60.2 | 64.1 | 168        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 6    | 35     | 28     | 0.988     | -0.003    | 1.726 | 0.02      | 0.016     | 0         | 59.8 | 60.6 | 64.5 | 168        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 6    | 50     | 28     | 0.988     | -0.013    | 1.726 | 0.02      | 0.016     | 0         | 58.9 | 60.2 | 64.1 | 167        | 170        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 7    | 5      | 28     | 1.001     | 0         | 1.726 | 0.016     | 0.016     | 0         | 59.8 | 60.2 | 64.5 | 168        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 7    | 20     | 28     | 0.951     | 0         | 1.726 | 0.016     | 0.013     | 0         | 58.9 | 59.8 | 64.9 | 167        | 169        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 7    | 35     | 28     | 1.001     | -0.02     | 1.726 | 0.016     | 0.013     | 0         | 59.3 | 60.2 | 64.9 | 167        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 7    | 50     | 28     | 0.978     | -0.03     | 1.726 | 0.016     | 0.016     | 0         | 58.9 | 59.8 | 64.5 | 166        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 8    | 5      | 28     | 1.004     | 0         | 1.726 | 0.016     | 0.013     | 0         | 59.3 | 60.2 | 64.9 | 167        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 8    | 20     | 28     | 0.955     | -0.016    | 1.726 | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 64.5 | 167        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 8    | 35     | 28     | 1.004     | -0.013    | 1.726 | 0.02      | 0.016     | 0         | 59.8 | 60.2 | 64.5 | 168        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 8    | 50     | 28     | 0.948     | 0.02      | 1.726 | 0.016     | 0.013     | 0         | 59.3 | 60.2 | 64.5 | 167        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 9    | 5      | 28     | 0.981     | -0.01     | 1.726 | 0.016     | 0.013     | 0         | 58.9 | 60.6 | 63.6 | 167        | 170        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 9    | 20     | 28     | 0.951     | -0.023    | 1.726 | 0.016     | 0.016     | 0         | 59.3 | 59.8 | 64.1 | 167        | 170        | 0          | 29     | 31     |
| 2009 | 6     | 7   | 9    | 35     | 28     | 0.945     | -0.003    | 1.722 | 0.016     | 0.016     | 0         | 59.3 | 60.6 | 63.6 | 167        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 9    | 50     | 28     | 0.948     | -0.03     | 1.722 | 0.016     | 0.013     | 0         | 59.3 | 59.8 | 63.6 | 168        | 170        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 10   | 5      | 28     | 0.988     | -0.02     | 1.722 | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 63.6 | 167        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 10   | 20     | 28     | 0.935     | -0.016    | 1.722 | 0.016     | 0.013     | 0         | 59.8 | 60.2 | 62.4 | 168        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 10   | 35     | 28     | 0.968     | -0.016    | 1.722 | 0.016     | 0.013     | 0         | 59.3 | 60.2 | 62.8 | 167        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 10   | 50     | 28     | 1.007     | -0.013    | 1.719 | 0.02      | 0.016     | 0         | 59.3 | 60.2 | 62.4 | 167        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 11   | 5      | 28     | 0.965     | -0.007    | 1.719 | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 61.5 | 167        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 11   | 20     | 28     | 1.017     | -0.03     | 1.719 | 0.016     | 0.016     | 0         | 58.9 | 59.8 | 61.9 | 167        | 169        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 11   | 35     | 28     | 1.027     | -0.056    | 1.716 | 0.016     | 0.013     | 0         | 59.3 | 59.8 | 61.9 | 167        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 11   | 50     | 28     | 0.928     | -0.003    | 1.709 | 0.016     | 0.013     | 0         | 59.3 | 60.2 | 61.5 | 167        | 170        | 0          | 29     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 7   | 12   | 5      | 28     | 1.01      | -0.013    | 1.709 | 0.016     | 0.013     | 0         | 59.3 | 60.6 | 61.9 | 167        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 12   | 20     | 28     | 1.01      | -0.02     | 1.706 | 0.016     | 0.016     | 0         | 59.8 | 60.6 | 61.9 | 168        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 12   | 35     | 28     | 1.01      | -0.026    | 1.703 | 0.016     | 0.016     | 0         | 59.3 | 60.6 | 63.2 | 167        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 12   | 50     | 28     | 0.991     | -0.026    | 1.706 | 0.016     | 0.013     | 0         | 58.9 | 60.2 | 63.2 | 167        | 170        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 13   | 5      | 28     | 1.024     | 0.007     | 1.706 | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 62.8 | 167        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 13   | 20     | 28     | 1.004     | 0.023     | 1.703 | 0.016     | 0.013     | 0         | 59.3 | 60.6 | 63.2 | 168        | 170        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 13   | 35     | 28     | 1.024     | -0.052    | 1.703 | 0.016     | 0.013     | 0         | 59.8 | 60.2 | 64.1 | 168        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 13   | 50     | 28     | 1.01      | 0         | 1.703 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 64.5 | 168        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 14   | 5      | 28     | 0.988     | -0.007    | 1.703 | 0.016     | 0.013     | 0         | 59.3 | 60.6 | 64.1 | 167        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 14   | 20     | 28     | 0.988     | 0.023     | 1.699 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 64.1 | 168        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 14   | 35     | 28     | 0.984     | -0.003    | 1.699 | 0.016     | 0.013     | 0         | 59.8 | 60.6 | 64.9 | 168        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 14   | 50     | 28     | 1.024     | 0.03      | 1.699 | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 64.5 | 168        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 15   | 5      | 28     | 1.043     | -0.007    | 1.699 | 0.016     | 0.013     | 0         | 59.8 | 60.6 | 64.5 | 168        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 15   | 20     | 28     | 0.968     | -0.033    | 1.696 | 0.016     | 0.013     | 0         | 59.8 | 60.6 | 64.5 | 168        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 15   | 35     | 28     | 1.02      | -0.013    | 1.696 | 0.016     | 0.016     | 0         | 60.2 | 60.6 | 61.9 | 168        | 171        | 0          | 28     | 30     |
| 2009 | 6     | 7   | 15   | 50     | 28     | 1.04      | 0.013     | 1.696 | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 62.8 | 168        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 16   | 5      | 28     | 0.997     | -0.003    | 1.696 | 0.016     | 0.016     | 0         | 59.8 | 60.6 | 62.4 | 168        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 16   | 20     | 28     | 1.02      | 0.02      | 1.696 | 0.016     | 0.013     | 0         | 58.9 | 61.1 | 62.8 | 166        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 16   | 35     | 28     | 1.027     | 0.039     | 1.693 | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 61.9 | 168        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 16   | 50     | 28     | 1.027     | 0.007     | 1.693 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 60.6 | 168        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 17   | 5      | 28     | 1.007     | 0         | 1.69  | 0.016     | 0.016     | 0         | 60.2 | 60.6 | 61.1 | 168        | 171        | 0          | 28     | 30     |
| 2009 | 6     | 7   | 17   | 20     | 28     | 1.007     | 0.01      | 1.686 | 0.02      | 0.016     | 0         | 59.8 | 61.1 | 60.2 | 168        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 17   | 35     | 28     | 1.02      | 0.03      | 1.68  | 0.02      | 0.016     | 0         | 60.2 | 61.5 | 59.8 | 168        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 7   | 17   | 50     | 28     | 1.03      | 0.02      | 1.68  | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 60.2 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 18   | 5      | 28     | 1.027     | 0.007     | 1.677 | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 60.2 | 168        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 18   | 20     | 28     | 1.04      | -0.003    | 1.677 | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 59.3 | 168        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 18   | 35     | 28     | 1.043     | -0.007    | 1.673 | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 61.1 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 18   | 50     | 28     | 1.004     | 0.007     | 1.673 | 0.016     | 0.013     | 0         | 59.8 | 61.5 | 61.1 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 19   | 5      | 28     | 1.017     | -0.013    | 1.673 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 61.1 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 19   | 20     | 28     | 1.02      | 0.026     | 1.673 | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 61.5 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 19   | 35     | 28     | 1.033     | 0.02      | 1.67  | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 61.9 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 19   | 50     | 28     | 1.007     | 0.003     | 1.67  | 0.016     | 0.013     | 0         | 59.8 | 61.5 | 61.9 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 20   | 5      | 28     | 0.997     | -0.003    | 1.67  | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 62.4 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 20   | 20     | 28     | 0.991     | -0.013    | 1.67  | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 62.8 | 168        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 7   | 20   | 35     | 28     | 0.984     | 0.007     | 1.67  | 0.016     | 0.013     | 0         | 59.8 | 61.5 | 62.4 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 20   | 50     | 28     | 1.043     | 0         | 1.667 | 0.016     | 0.016     | 0         | 59.8 | 61.5 | 62.8 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 21   | 5      | 28     | 1.001     | 0.016     | 1.667 | 0.02      | 0.016     | 0         | 60.2 | 61.5 | 62.8 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 21   | 20     | 28     | 1.007     | 0.013     | 1.667 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 62.8 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 21   | 35     | 28     | 1.02      | 0.003     | 1.667 | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 62.4 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 21   | 50     | 28     | 1.004     | -0.01     | 1.667 | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 63.2 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 22   | 5      | 28     | 1.017     | 0         | 1.663 | 0.016     | 0.016     | 0         | 59.8 | 61.5 | 63.2 | 169        | 172        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 22   | 20     | 28     | 1.033     | -0.007    | 1.663 | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 63.2 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 22   | 35     | 28     | 0.971     | -0.01     | 1.663 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 63.6 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 22   | 50     | 28     | 0.978     | 0.007     | 1.663 | 0.016     | 0.013     | 0         | 59.8 | 61.5 | 63.6 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 23   | 5      | 28     | 1.04      | 0.003     | 1.663 | 0.02      | 0.016     | 0         | 59.8 | 61.5 | 64.1 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 23   | 20     | 28     | 0.994     | -0.013    | 1.663 | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 64.1 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 23   | 35     | 28     | 1.01      | 0.016     | 1.663 | 0.016     | 0.016     | 0         | 59.8 | 61.5 | 63.6 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 23   | 50     | 28     | 0.994     | -0.007    | 1.663 | 0.016     | 0.016     | 0         | 60.2 | 60.6 | 63.6 | 168        | 171        | 0          | 28     | 30     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 8   | 0    | 5      | 28     | 0.991     | -0.003    | 1.663 | 0.016     | 0.013     | 0         | 59.8 | 60.6 | 64.1 | 168        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 0    | 20     | 28     | 0.961     | 0.016     | 1.663 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 64.1 | 168        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 0    | 35     | 28     | 0.974     | 0.013     | 1.66  | 0.016     | 0.013     | 0         | 59.8 | 60.6 | 63.6 | 168        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 0    | 50     | 28     | 1.017     | 0.013     | 1.66  | 0.02      | 0.016     | 0         | 60.2 | 61.5 | 63.6 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 1    | 5      | 28     | 0.971     | 0         | 1.66  | 0.016     | 0.016     | 0         | 59.8 | 61.5 | 63.6 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 1    | 20     | 28     | 1.004     | -0.023    | 1.66  | 0.016     | 0.016     | 0         | 59.8 | 61.5 | 64.1 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 1    | 35     | 28     | 0.968     | 0.013     | 1.66  | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 63.6 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 1    | 50     | 28     | 1.001     | -0.016    | 1.66  | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 63.6 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 2    | 5      | 28     | 1.01      | 0.007     | 1.66  | 0.016     | 0.013     | 0         | 59.8 | 61.5 | 64.5 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 2    | 20     | 28     | 0.981     | 0.003     | 1.66  | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 63.6 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 2    | 35     | 28     | 0.997     | -0.013    | 1.66  | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 64.5 | 168        | 172        | 0          | 28     | 30     |
| 2009 | 6     | 8   | 2    | 50     | 28     | 0.951     | 0.007     | 1.657 | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 64.1 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 3    | 5      | 28     | 0.955     | 0         | 1.657 | 0.016     | 0.016     | 0         | 60.6 | 61.5 | 64.1 | 169        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 8   | 3    | 20     | 28     | 0.981     | 0         | 1.657 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 64.5 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 3    | 35     | 28     | 0.965     | 0.03      | 1.657 | 0.013     | 0.01      | 0         | 60.2 | 61.5 | 63.2 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 3    | 50     | 28     | 0.978     | 0.039     | 1.657 | 0.02      | 0.016     | 0         | 60.2 | 61.1 | 63.6 | 168        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 8   | 4    | 5      | 28     | 1.007     | 0.016     | 1.657 | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 63.6 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 4    | 20     | 28     | 1.004     | 0.026     | 1.657 | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 63.6 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 4    | 35     | 28     | 1.037     | -0.016    | 1.657 | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 63.6 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 4    | 50     | 28     | 0.971     | 0.016     | 1.654 | 0.02      | 0.016     | 0         | 60.6 | 61.5 | 63.6 | 170        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 5    | 5      | 28     | 0.994     | 0.026     | 1.654 | 0.02      | 0.016     | 0         | 60.6 | 61.1 | 63.2 | 170        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 5    | 20     | 28     | 1.007     | 0         | 1.654 | 0.016     | 0.013     | 0         | 60.6 | 61.9 | 63.2 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 5    | 35     | 28     | 1.004     | -0.016    | 1.654 | 0.02      | 0.016     | 0         | 60.6 | 61.5 | 63.6 | 170        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 5    | 50     | 28     | 0.984     | 0         | 1.65  | 0.02      | 0.016     | 0         | 60.6 | 61.5 | 62.8 | 170        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 6    | 5      | 28     | 0.971     | -0.003    | 1.65  | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 62.8 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 6    | 20     | 28     | 1.001     | 0         | 1.65  | 0.016     | 0.016     | 0         | 60.6 | 61.5 | 63.2 | 170        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 6    | 35     | 28     | 0.981     | 0.036     | 1.65  | 0.016     | 0.016     | 0         | 59.8 | 61.5 | 63.6 | 169        | 172        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 6    | 50     | 28     | 1.001     | 0.026     | 1.65  | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 63.6 | 169        | 172        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 7    | 5      | 28     | 0.961     | 0.003     | 1.65  | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 63.6 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 7    | 20     | 28     | 0.965     | 0.033     | 1.65  | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 62.8 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 7    | 35     | 28     | 1.017     | 0.007     | 1.65  | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 63.6 | 170        | 172        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 7    | 50     | 28     | 0.961     | -0.003    | 1.65  | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 63.2 | 169        | 172        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 8    | 5      | 28     | 1.04      | -0.01     | 1.65  | 0.02      | 0.016     | 0         | 60.2 | 61.1 | 63.2 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 8    | 20     | 28     | 0.994     | -0.003    | 1.65  | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 62.8 | 169        | 172        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 8    | 35     | 28     | 0.981     | 0         | 1.65  | 0.016     | 0.016     | 0         | 60.6 | 61.5 | 63.2 | 170        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 8    | 50     | 28     | 0.955     | -0.026    | 1.65  | 0.02      | 0.016     | 0         | 60.2 | 61.1 | 63.6 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 9    | 5      | 28     | 1.01      | 0.023     | 1.65  | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 63.2 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 9    | 20     | 28     | 0.974     | 0         | 1.65  | 0.02      | 0.016     | 0         | 60.2 | 61.1 | 63.6 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 9    | 35     | 28     | 0.997     | 0.026     | 1.65  | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 63.2 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 9    | 50     | 28     | 1.004     | -0.026    | 1.647 | 0.02      | 0.016     | 0         | 60.6 | 61.1 | 62.8 | 170        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 10   | 5      | 28     | 0.968     | -0.013    | 1.65  | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 63.2 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 10   | 20     | 28     | 1.024     | -0.023    | 1.647 | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 62.8 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 10   | 35     | 28     | 1.03      | 0.033     | 1.647 | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 61.9 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 10   | 50     | 28     | 1.007     | 0.013     | 1.647 | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 61.1 | 169        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 11   | 5      | 28     | 0.981     | 0.023     | 1.647 | 0.02      | 0.016     | 0         | 59.8 | 60.6 | 60.6 | 168        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 11   | 20     | 28     | 1.017     | -0.003    | 1.647 | 0.02      | 0.016     | 0         | 59.3 | 61.1 | 61.5 | 168        | 171        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 11   | 35     | 28     | 1.047     | -0.013    | 1.644 | 0.016     | 0.016     | 0         | 60.2 | 60.6 | 59.3 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 11   | 50     | 28     | 1.007     | 0.026     | 1.64  | 0.016     | 0.016     | 0         | 60.2 | 60.6 | 61.1 | 169        | 172        | 0          | 29     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 8   | 12   | 5      | 28     | 1.02      | 0         | 1.637 | 0.02      | 0.016     | 0         | 60.2 | 60.6 | 60.6 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 12   | 20     | 28     | 0.997     | 0.039     | 1.634 | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 60.2 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 12   | 35     | 28     | 0.994     | 0.016     | 1.634 | 0.02      | 0.016     | 0         | 60.2 | 61.5 | 61.1 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 12   | 50     | 28     | 0.965     | 0.023     | 1.634 | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 61.1 | 170        | 173        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 13   | 5      | 28     | 1.027     | 0.062     | 1.634 | 0.02      | 0.016     | 0         | 60.6 | 61.9 | 60.6 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 13   | 20     | 28     | 0.994     | 0.043     | 1.631 | 0.02      | 0.016     | 0         | 60.2 | 61.1 | 61.5 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 13   | 35     | 28     | 0.971     | 0.03      | 1.631 | 0.016     | 0.013     | 0         | 60.6 | 61.9 | 61.1 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 13   | 50     | 28     | 0.965     | 0.01      | 1.631 | 0.02      | 0.016     | 0         | 60.2 | 61.5 | 60.6 | 169        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 14   | 5      | 28     | 0.981     | 0.036     | 1.631 | 0.02      | 0.016     | 0         | 60.2 | 61.9 | 61.1 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 14   | 20     | 28     | 0.974     | 0.043     | 1.631 | 0.02      | 0.016     | 0         | 60.6 | 61.9 | 60.2 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 14   | 35     | 28     | 1.04      | 0.02      | 1.631 | 0.016     | 0.016     | 0         | 61.1 | 61.9 | 60.6 | 170        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 8   | 14   | 50     | 28     | 0.984     | 0.016     | 1.627 | 0.016     | 0.016     | 0         | 61.1 | 62.4 | 57.2 | 170        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 8   | 15   | 5      | 28     | 0.958     | 0         | 1.627 | 0.02      | 0.016     | 0         | 61.1 | 61.5 | 58   | 170        | 173        | 0          | 28     | 30     |
| 2009 | 6     | 8   | 15   | 20     | 28     | 1.037     | 0.056     | 1.627 | 0.016     | 0.016     | 0         | 61.1 | 61.9 | 58   | 170        | 174        | 0          | 28     | 30     |
| 2009 | 6     | 8   | 15   | 35     | 28     | 1.014     | 0.02      | 1.627 | 0.02      | 0.016     | 0         | 60.6 | 61.9 | 57.6 | 170        | 174        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 15   | 50     | 28     | 0.997     | 0.039     | 1.627 | 0.016     | 0.016     | 0         | 60.6 | 62.4 | 55   | 170        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 16   | 5      | 28     | 1.007     | 0.016     | 1.627 | 0.02      | 0.016     | 0         | 60.6 | 61.5 | 59.3 | 170        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 16   | 20     | 28     | 0.997     | 0.036     | 1.627 | 0.02      | 0.016     | 0         | 60.6 | 61.9 | 58   | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 16   | 35     | 28     | 1.007     | 0         | 1.627 | 0.016     | 0.016     | 0         | 60.6 | 61.9 | 55.9 | 170        | 174        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 16   | 50     | 28     | 1.01      | 0.013     | 1.627 | 0.016     | 0.013     | 0         | 60.6 | 61.9 | 56.3 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 17   | 5      | 28     | 0.997     | 0.039     | 1.627 | 0.02      | 0.016     | 0         | 60.6 | 62.4 | 59.3 | 170        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 17   | 20     | 28     | 1.014     | 0.026     | 1.624 | 0.016     | 0.016     | 0         | 60.6 | 62.4 | 57.2 | 170        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 17   | 35     | 28     | 1.033     | 0.033     | 1.624 | 0.023     | 0.02      | 0         | 61.1 | 61.9 | 58   | 171        | 174        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 17   | 50     | 28     | 1.02      | 0.026     | 1.627 | 0.016     | 0.016     | 0         | 61.1 | 62.4 | 60.6 | 170        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 8   | 18   | 5      | 28     | 0.958     | 0.013     | 1.627 | 0.016     | 0.013     | 0         | 61.1 | 62.4 | 58   | 171        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 18   | 20     | 28     | 1.03      | -0.013    | 1.627 | 0.02      | 0.016     | 0         | 61.5 | 62.4 | 60.6 | 171        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 8   | 18   | 35     | 28     | 1.027     | 0.033     | 1.627 | 0.02      | 0.016     | 0         | 60.6 | 61.9 | 61.5 | 170        | 174        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 18   | 50     | 28     | 1.001     | 0.016     | 1.627 | 0.02      | 0.016     | 0         | 61.1 | 62.4 | 61.5 | 170        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 8   | 19   | 5      | 28     | 0.899     | 0         | 1.624 | 0.016     | 0.016     | 0         | 61.5 | 62.4 | 60.2 | 171        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 8   | 19   | 20     | 28     | 0.843     | 0.01      | 1.621 | 0.02      | 0.016     | 0         | 62.4 | 62.8 | 51.6 | 173        | 176        | 0          | 28     | 30     |
| 2009 | 6     | 8   | 19   | 35     | 28     | 0.853     | 0.043     | 1.624 | 0.016     | 0.013     | 0         | 62.4 | 63.6 | 54.6 | 173        | 177        | 0          | 28     | 29     |
| 2009 | 6     | 8   | 19   | 50     | 28     | 0.869     | 0.03      | 1.624 | 0.02      | 0.016     | 0         | 61.9 | 63.6 | 53.3 | 173        | 177        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 20   | 5      | 28     | 0.853     | 0.03      | 1.624 | 0.016     | 0.016     | 0         | 62.4 | 63.6 | 53.3 | 173        | 177        | 0          | 28     | 29     |
| 2009 | 6     | 8   | 20   | 20     | 28     | 0.912     | -0.003    | 1.624 | 0.02      | 0.016     | 0         | 61.5 | 63.2 | 55   | 172        | 176        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 20   | 35     | 28     | 0.823     | 0.016     | 1.624 | 0.02      | 0.016     | 0         | 61.9 | 63.2 | 54.2 | 173        | 176        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 20   | 50     | 28     | 0.856     | -0.013    | 1.624 | 0.016     | 0.016     | 0         | 61.9 | 63.2 | 54.2 | 173        | 177        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 21   | 5      | 28     | 0.846     | 0.01      | 1.624 | 0.016     | 0.016     | 0         | 62.4 | 63.6 | 52.5 | 174        | 177        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 21   | 20     | 28     | 0.889     | 0.03      | 1.624 | 0.02      | 0.016     | 0         | 62.4 | 63.6 | 54.2 | 173        | 177        | 0          | 28     | 29     |
| 2009 | 6     | 8   | 21   | 35     | 28     | 0.873     | 0.026     | 1.624 | 0.02      | 0.016     | 0         | 61.9 | 63.2 | 54.6 | 173        | 176        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 21   | 50     | 28     | 0.853     | 0.02      | 1.624 | 0.016     | 0.016     | 0         | 61.9 | 62.8 | 60.6 | 172        | 175        | 0          | 28     | 29     |
| 2009 | 6     | 8   | 22   | 5      | 28     | 0.873     | -0.02     | 1.624 | 0.016     | 0.016     | 0         | 61.5 | 63.2 | 56.8 | 172        | 176        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 22   | 20     | 28     | 0.856     | -0.016    | 1.624 | 0.02      | 0.016     | 0         | 61.1 | 62.8 | 61.1 | 171        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 22   | 35     | 28     | 0.906     | -0.013    | 1.624 | 0.016     | 0.016     | 0         | 61.1 | 62.8 | 59.3 | 171        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 22   | 50     | 28     | 0.869     | -0.003    | 1.624 | 0.016     | 0.016     | 0         | 61.1 | 62.4 | 58.5 | 171        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 23   | 5      | 28     | 0.935     | -0.043    | 1.624 | 0.016     | 0.016     | 0         | 61.5 | 62.4 | 60.2 | 171        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 8   | 23   | 20     | 28     | 0.869     | -0.026    | 1.624 | 0.016     | 0.016     | 0         | 61.1 | 62.4 | 61.1 | 171        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 23   | 35     | 28     | 0.906     | 0         | 1.627 | 0.016     | 0.013     | 0         | 61.1 | 62.4 | 61.9 | 171        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 23   | 50     | 28     | 0.919     | -0.01     | 1.627 | 0.016     | 0.013     | 0         | 61.1 | 62.4 | 60.6 | 171        | 174        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 9   | 0    | 5      | 28     | 0.873     | 0.003     | 1.627 | 0.02      | 0.016     | 0         | 60.6 | 62.4 | 61.1 | 170        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 0    | 20     | 28     | 0.909     | 0.033     | 1.627 | 0.016     | 0.016     | 0         | 60.6 | 61.5 | 62.4 | 170        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 9   | 0    | 35     | 28     | 0.935     | 0         | 1.627 | 0.02      | 0.016     | 0         | 61.1 | 62.4 | 62.8 | 171        | 173        | 0          | 29     | 28     |
| 2009 | 6     | 9   | 0    | 50     | 28     | 0.965     | 0.01      | 1.627 | 0.016     | 0.013     | 0         | 60.6 | 61.9 | 62.8 | 170        | 174        | 0          | 29     | 30     |
| 2009 | 6     | 9   | 1    | 5      | 28     | 0.935     | -0.01     | 1.627 | 0.016     | 0.013     | 0         | 61.1 | 61.9 | 62.8 | 170        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 9   | 1    | 20     | 28     | 0.902     | 0.016     | 1.627 | 0.016     | 0.016     | 0         | 60.6 | 61.9 | 62.8 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 1    | 35     | 28     | 0.919     | -0.013    | 1.627 | 0.02      | 0.016     | 0         | 60.6 | 61.5 | 62.8 | 170        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 9   | 1    | 50     | 28     | 0.932     | 0.02      | 1.627 | 0.016     | 0.016     | 0         | 60.6 | 61.5 | 62.8 | 170        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 9   | 2    | 5      | 28     | 0.958     | 0         | 1.627 | 0.016     | 0.016     | 0         | 60.6 | 61.5 | 63.2 | 170        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 9   | 2    | 20     | 28     | 0.919     | 0.007     | 1.627 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 62.8 | 170        | 173        | 0          | 30     | 29     |
| 2009 | 6     | 9   | 2    | 35     | 28     | 0.981     | 0.026     | 1.627 | 0.02      | 0.016     | 0         | 60.6 | 61.5 | 62.8 | 170        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 9   | 2    | 50     | 28     | 0.919     | 0         | 1.627 | 0.02      | 0.016     | 0         | 60.2 | 61.5 | 62.8 | 170        | 173        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 3    | 5      | 28     | 0.965     | 0.01      | 1.627 | 0.02      | 0.016     | 0         | 60.6 | 61.9 | 62.4 | 169        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 9   | 3    | 20     | 28     | 0.899     | 0.036     | 1.627 | 0.016     | 0.016     | 0         | 60.6 | 61.9 | 62.4 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 3    | 35     | 28     | 0.945     | -0.03     | 1.627 | 0.02      | 0.016     | 0         | 60.6 | 61.9 | 62.4 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 3    | 50     | 28     | 0.883     | 0         | 1.627 | 0.02      | 0.016     | 0         | 60.6 | 61.9 | 61.9 | 170        | 174        | 0          | 29     | 30     |
| 2009 | 6     | 9   | 4    | 5      | 28     | 0.974     | -0.013    | 1.627 | 0.02      | 0.016     | 0         | 60.6 | 61.5 | 60.2 | 170        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 9   | 4    | 20     | 28     | 0.974     | 0.026     | 1.631 | 0.02      | 0.016     | 0         | 60.2 | 61.9 | 62.8 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 4    | 35     | 28     | 0.968     | 0         | 1.627 | 0.02      | 0.016     | 0         | 60.6 | 61.9 | 61.9 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 4    | 50     | 28     | 0.938     | 0.01      | 1.627 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 61.9 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 5    | 5      | 28     | 0.965     | 0         | 1.627 | 0.016     | 0.013     | 0         | 61.1 | 61.9 | 61.5 | 170        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 9   | 5    | 20     | 28     | 0.909     | 0         | 1.631 | 0.016     | 0.016     | 0         | 60.6 | 61.5 | 61.5 | 170        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 9   | 5    | 35     | 28     | 0.978     | 0.01      | 1.627 | 0.016     | 0.016     | 0         | 60.6 | 61.9 | 61.5 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 5    | 50     | 28     | 0.942     | 0.02      | 1.631 | 0.016     | 0.013     | 0         | 60.6 | 61.5 | 61.1 | 170        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 9   | 6    | 5      | 28     | 1.027     | 0         | 1.631 | 0.02      | 0.016     | 0         | 60.6 | 61.5 | 61.5 | 170        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 9   | 6    | 20     | 28     | 0.961     | -0.043    | 1.631 | 0.02      | 0.016     | 0         | 60.2 | 61.1 | 60.6 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 9   | 6    | 35     | 28     | 0.955     | 0.007     | 1.631 | 0.02      | 0.016     | 0         | 60.2 | 61.9 | 61.5 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 6    | 50     | 28     | 0.912     | 0.007     | 1.627 | 0.02      | 0.016     | 0         | 60.2 | 61.5 | 61.5 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 7    | 5      | 28     | 0.886     | -0.046    | 1.631 | 0.02      | 0.016     | 0         | 60.2 | 61.1 | 61.1 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 9   | 7    | 20     | 28     | 0.928     | -0.01     | 1.631 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 61.1 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 7    | 35     | 28     | 0.922     | 0         | 1.631 | 0.02      | 0.016     | 0         | 60.2 | 61.1 | 61.1 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 9   | 7    | 50     | 28     | 0.948     | -0.03     | 1.631 | 0.02      | 0.016     | 0         | 60.2 | 61.1 | 61.1 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 9   | 8    | 5      | 28     | 0.909     | 0.026     | 1.634 | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 60.6 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 8    | 20     | 28     | 0.945     | -0.016    | 1.631 | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 61.1 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 9   | 8    | 35     | 28     | 0.948     | -0.016    | 1.634 | 0.02      | 0.016     | 0         | 60.2 | 61.1 | 61.1 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 9   | 8    | 50     | 28     | 0.886     | -0.003    | 1.631 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 61.1 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 9   | 9    | 5      | 28     | 0.945     | 0.02      | 1.631 | 0.02      | 0.016     | 0         | 60.2 | 61.1 | 61.5 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 9   | 9    | 20     | 28     | 0.968     | 0.013     | 1.634 | 0.02      | 0.016     | 0         | 60.2 | 61.1 | 61.1 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 9   | 9    | 35     | 28     | 0.984     | 0.02      | 1.631 | 0.02      | 0.016     | 0         | 60.2 | 61.5 | 61.1 | 169        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 9   | 9    | 50     | 28     | 0.922     | -0.016    | 1.634 | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 60.6 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 10   | 5      | 28     | 0.945     | 0         | 1.631 | 0.016     | 0.013     | 0         | 59.8 | 61.5 | 61.5 | 169        | 173        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 10   | 20     | 28     | 0.984     | -0.02     | 1.634 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 60.6 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 10   | 35     | 28     | 0.981     | 0.03      | 1.631 | 0.02      | 0.016     | 0         | 60.2 | 61.5 | 61.5 | 169        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 9   | 10   | 50     | 28     | 0.965     | -0.01     | 1.631 | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 61.5 | 169        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 9   | 11   | 5      | 28     | 0.971     | 0.016     | 1.631 | 0.02      | 0.016     | 0         | 60.2 | 61.1 | 60.6 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 9   | 11   | 20     | 28     | 0.925     | -0.003    | 1.631 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 60.2 | 169        | 172        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 11   | 35     | 28     | 0.971     | 0.026     | 1.631 | 0.02      | 0.016     | 0         | 59.8 | 61.5 | 59.8 | 169        | 173        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 11   | 50     | 28     | 0.997     | -0.01     | 1.631 | 0.02      | 0.016     | 0         | 60.2 | 62.4 | 60.6 | 169        | 174        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 9   | 12   | 5      | 28     | 1.007     | 0.02      | 1.631 | 0.016     | 0.013     | 0         | 61.1 | 61.9 | 59.8 | 170        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 9   | 12   | 20     | 28     | 0.988     | 0.003     | 1.631 | 0.02      | 0.016     | 0         | 60.2 | 61.5 | 61.1 | 169        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 9   | 12   | 35     | 28     | 0.945     | -0.003    | 1.631 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 60.2 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 12   | 50     | 28     | 0.948     | 0.033     | 1.631 | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 60.6 | 169        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 9   | 13   | 5      | 28     | 0.988     | 0.043     | 1.631 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 58.9 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 13   | 20     | 28     | 0.932     | 0.01      | 1.631 | 0.02      | 0.016     | 0         | 60.6 | 62.8 | 58   | 169        | 174        | 0          | 28     | 28     |
| 2009 | 6     | 9   | 13   | 35     | 28     | 0.981     | 0.03      | 1.631 | 0.02      | 0.016     | 0         | 60.2 | 61.9 | 60.2 | 169        | 174        | 0          | 29     | 30     |
| 2009 | 6     | 9   | 13   | 50     | 28     | 0.984     | 0.016     | 1.631 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 55   | 168        | 173        | 0          | 28     | 30     |
| 2009 | 6     | 9   | 14   | 5      | 28     | 1.001     | 0.049     | 1.631 | 0.016     | 0.016     | 0         | 60.6 | 62.4 | 53.8 | 170        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 14   | 20     | 28     | 1.01      | 0.046     | 1.627 | 0.016     | 0.016     | 0         | 61.5 | 62.8 | 52   | 171        | 175        | 0          | 28     | 29     |
| 2009 | 6     | 9   | 14   | 35     | 28     | 0.968     | 0.01      | 1.627 | 0.02      | 0.016     | 0         | 61.1 | 62.8 | 56.3 | 171        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 14   | 50     | 28     | 0.935     | 0.046     | 1.627 | 0.016     | 0.016     | 0         | 61.1 | 63.2 | 61.9 | 171        | 175        | 0          | 29     | 28     |
| 2009 | 6     | 9   | 15   | 5      | 28     | 0.991     | 0.03      | 1.631 | 0.016     | 0.016     | 0         | 60.6 | 62.8 | 57.2 | 170        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 15   | 20     | 28     | 0.974     | 0.046     | 1.631 | 0.02      | 0.016     | 0         | 61.1 | 62.8 | 59.8 | 170        | 175        | 0          | 28     | 29     |
| 2009 | 6     | 9   | 15   | 35     | 28     | 0.928     | -0.007    | 1.631 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 54.2 | 169        | 174        | 0          | 29     | 30     |
| 2009 | 6     | 9   | 15   | 50     | 28     | 0.958     | 0.039     | 1.627 | 0.02      | 0.016     | 0         | 60.6 | 62.4 | 55.5 | 170        | 175        | 0          | 29     | 30     |
| 2009 | 6     | 9   | 16   | 5      | 28     | 0.984     | 0.062     | 1.627 | 0.02      | 0.016     | 0         | 61.1 | 62.8 | 54.6 | 170        | 175        | 0          | 28     | 29     |
| 2009 | 6     | 9   | 16   | 20     | 28     | 1.014     | 0         | 1.631 | 0.02      | 0.016     | 0         | 61.5 | 63.6 | 59.3 | 171        | 176        | 0          | 28     | 28     |
| 2009 | 6     | 9   | 16   | 35     | 28     | 0.965     | 0.033     | 1.627 | 0.02      | 0.016     | 0         | 61.1 | 62.8 | 58.5 | 171        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 16   | 50     | 28     | 0.978     | 0.026     | 1.627 | 0.02      | 0.016     | 0         | 60.6 | 62.8 | 60.2 | 170        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 17   | 5      | 28     | 0.991     | 0.033     | 1.627 | 0.02      | 0.016     | 0         | 60.6 | 62.8 | 60.2 | 170        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 17   | 20     | 28     | 0.961     | 0.03      | 1.627 | 0.02      | 0.016     | 0         | 60.6 | 62.8 | 59.8 | 170        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 17   | 35     | 28     | 0.974     | 0.033     | 1.631 | 0.02      | 0.016     | 0         | 60.6 | 62.4 | 60.6 | 170        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 17   | 50     | 28     | 0.988     | 0.039     | 1.631 | 0.016     | 0.016     | 0         | 60.2 | 62.4 | 61.9 | 169        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 18   | 5      | 28     | 1.001     | 0.02      | 1.631 | 0.02      | 0.016     | 0         | 61.1 | 63.2 | 61.9 | 171        | 176        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 18   | 20     | 28     | 0.955     | 0.03      | 1.631 | 0.016     | 0.016     | 0         | 61.1 | 62.8 | 62.4 | 170        | 175        | 0          | 28     | 29     |
| 2009 | 6     | 9   | 18   | 35     | 28     | 0.932     | 0.013     | 1.631 | 0.02      | 0.016     | 0         | 61.1 | 62.8 | 62.4 | 171        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 18   | 50     | 28     | 0.869     | 0.013     | 1.631 | 0.016     | 0.016     | 0         | 60.6 | 62.8 | 60.2 | 170        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 19   | 5      | 28     | 0.866     | -0.013    | 1.627 | 0.016     | 0.016     | 0         | 61.1 | 63.2 | 55.5 | 171        | 176        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 19   | 20     | 28     | 0.853     | 0.036     | 1.627 | 0.02      | 0.016     | 0         | 61.1 | 63.2 | 56.8 | 171        | 176        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 19   | 35     | 28     | 0.84      | -0.016    | 1.627 | 0.016     | 0.016     | 0         | 61.5 | 63.2 | 57.2 | 171        | 176        | 0          | 28     | 29     |
| 2009 | 6     | 9   | 19   | 50     | 28     | 0.902     | 0.003     | 1.631 | 0.016     | 0.016     | 0         | 61.5 | 62.8 | 58.5 | 171        | 176        | 0          | 28     | 30     |
| 2009 | 6     | 9   | 20   | 5      | 28     | 0.925     | -0.003    | 1.631 | 0.016     | 0.013     | 0         | 60.6 | 63.2 | 61.5 | 170        | 176        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 20   | 20     | 28     | 0.909     | 0.03      | 1.631 | 0.02      | 0.016     | 0         | 60.6 | 62.8 | 61.5 | 170        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 20   | 35     | 28     | 0.876     | 0.026     | 1.631 | 0.02      | 0.016     | 0         | 61.5 | 63.2 | 61.5 | 171        | 176        | 0          | 28     | 29     |
| 2009 | 6     | 9   | 20   | 50     | 28     | 0.925     | 0.007     | 1.631 | 0.02      | 0.016     | 0         | 61.1 | 62.4 | 61.5 | 171        | 175        | 0          | 29     | 30     |
| 2009 | 6     | 9   | 21   | 5      | 28     | 0.935     | 0.02      | 1.634 | 0.02      | 0.016     | 0         | 61.1 | 63.2 | 61.5 | 171        | 176        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 21   | 20     | 28     | 0.955     | 0         | 1.631 | 0.016     | 0.013     | 0         | 61.1 | 62.8 | 61.5 | 171        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 21   | 35     | 28     | 0.945     | 0.026     | 1.631 | 0.016     | 0.016     | 0         | 61.1 | 62.8 | 61.5 | 170        | 175        | 0          | 28     | 29     |
| 2009 | 6     | 9   | 21   | 50     | 28     | 0.935     | -0.013    | 1.634 | 0.02      | 0.016     | 0         | 60.6 | 62.8 | 61.9 | 170        | 174        | 0          | 29     | 28     |
| 2009 | 6     | 9   | 22   | 5      | 28     | 0.925     | 0.03      | 1.634 | 0.02      | 0.016     | 0         | 61.1 | 62.8 | 61.5 | 170        | 175        | 0          | 28     | 29     |
| 2009 | 6     | 9   | 22   | 20     | 28     | 0.912     | 0.033     | 1.634 | 0.02      | 0.016     | 0         | 61.1 | 62.4 | 61.5 | 170        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 9   | 22   | 35     | 28     | 0.925     | 0.03      | 1.634 | 0.016     | 0.016     | 0         | 60.6 | 62.4 | 61.5 | 170        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 22   | 50     | 28     | 0.886     | -0.02     | 1.634 | 0.02      | 0.016     | 0         | 61.1 | 62.4 | 61.5 | 171        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 23   | 5      | 28     | 0.958     | 0.016     | 1.634 | 0.02      | 0.016     | 0         | 60.6 | 62.4 | 61.1 | 170        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 23   | 20     | 28     | 0.899     | 0         | 1.637 | 0.016     | 0.016     | 0         | 60.6 | 62.4 | 61.1 | 170        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 23   | 35     | 28     | 0.912     | 0.069     | 1.637 | 0.016     | 0.016     | 0         | 60.6 | 62.4 | 61.1 | 169        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 9   | 23   | 50     | 28     | 0.919     | 0.02      | 1.637 | 0.016     | 0.016     | 0         | 60.2 | 62.4 | 61.5 | 169        | 173        | 0          | 29     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 10  | 0    | 5      | 28     | 0.889     | 0         | 1.637 | 0.02      | 0.016     | 0         | 60.6 | 61.5 | 61.1 | 169        | 173        | 0          | 28     | 30     |
| 2009 | 6     | 10  | 0    | 20     | 28     | 0.899     | 0.016     | 1.637 | 0.02      | 0.016     | 0         | 60.6 | 62.4 | 60.6 | 169        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 10  | 0    | 35     | 28     | 0.892     | 0.03      | 1.637 | 0.016     | 0.016     | 0         | 60.6 | 61.9 | 60.6 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 0    | 50     | 28     | 0.932     | 0.033     | 1.637 | 0.016     | 0.016     | 0         | 60.6 | 61.9 | 60.6 | 169        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 10  | 1    | 5      | 28     | 0.909     | 0.013     | 1.637 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 60.2 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 1    | 20     | 28     | 0.922     | -0.02     | 1.64  | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 60.6 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 1    | 35     | 28     | 0.942     | 0.056     | 1.64  | 0.02      | 0.016     | 0         | 60.6 | 62.4 | 61.1 | 169        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 10  | 1    | 50     | 28     | 0.961     | 0.01      | 1.64  | 0.02      | 0.016     | 0         | 60.2 | 62.4 | 61.1 | 169        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 2    | 5      | 28     | 0.948     | -0.013    | 1.64  | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 60.2 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 2    | 20     | 28     | 0.958     | 0         | 1.644 | 0.016     | 0.016     | 0         | 60.6 | 62.4 | 59.8 | 170        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 2    | 35     | 28     | 0.968     | 0.016     | 1.647 | 0.02      | 0.016     | 0         | 60.2 | 61.9 | 60.2 | 169        | 174        | 0          | 29     | 30     |
| 2009 | 6     | 10  | 2    | 50     | 28     | 0.961     | 0.026     | 1.65  | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 60.6 | 169        | 174        | 0          | 29     | 30     |
| 2009 | 6     | 10  | 3    | 5      | 28     | 0.988     | 0         | 1.65  | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 60.6 | 169        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 10  | 3    | 20     | 28     | 0.958     | 0.026     | 1.65  | 0.02      | 0.016     | 0         | 60.6 | 62.4 | 60.6 | 170        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 3    | 35     | 28     | 0.974     | 0         | 1.65  | 0.02      | 0.016     | 0         | 60.2 | 62.4 | 60.6 | 169        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 3    | 50     | 28     | 0.945     | 0.026     | 1.654 | 0.02      | 0.016     | 0         | 60.6 | 61.9 | 61.1 | 169        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 10  | 4    | 5      | 28     | 0.978     | -0.003    | 1.654 | 0.016     | 0.016     | 0         | 60.6 | 61.5 | 60.6 | 169        | 173        | 0          | 28     | 30     |
| 2009 | 6     | 10  | 4    | 20     | 28     | 0.965     | -0.01     | 1.654 | 0.02      | 0.016     | 0         | 60.2 | 61.9 | 61.5 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 4    | 35     | 28     | 0.902     | 0.013     | 1.654 | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 61.5 | 169        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 10  | 4    | 50     | 28     | 0.968     | 0.013     | 1.654 | 0.016     | 0.016     | 0         | 60.6 | 61.9 | 62.4 | 169        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 10  | 5    | 5      | 28     | 0.899     | 0.043     | 1.654 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 61.5 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 5    | 20     | 28     | 0.919     | 0.023     | 1.654 | 0.02      | 0.016     | 0         | 60.6 | 61.9 | 62.4 | 169        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 10  | 5    | 35     | 28     | 0.974     | 0.013     | 1.657 | 0.016     | 0.016     | 0         | 60.6 | 61.9 | 62.4 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 5    | 50     | 28     | 0.971     | 0.003     | 1.657 | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 63.2 | 168        | 172        | 0          | 28     | 30     |
| 2009 | 6     | 10  | 6    | 5      | 28     | 0.974     | 0         | 1.657 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 63.6 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 10  | 6    | 20     | 28     | 0.951     | -0.007    | 1.657 | 0.016     | 0.013     | 0         | 59.8 | 61.5 | 64.1 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 6    | 35     | 28     | 0.958     | 0.003     | 1.657 | 0.016     | 0.013     | 0         | 59.3 | 61.5 | 63.2 | 168        | 172        | 0          | 30     | 29     |
| 2009 | 6     | 10  | 6    | 50     | 28     | 0.965     | 0.013     | 1.657 | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 64.1 | 168        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 7    | 5      | 28     | 0.991     | -0.003    | 1.657 | 0.016     | 0.016     | 0         | 59.8 | 60.6 | 64.9 | 168        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 10  | 7    | 20     | 28     | 0.912     | -0.013    | 1.657 | 0.016     | 0.016     | 0         | 58.9 | 61.1 | 64.1 | 167        | 171        | 0          | 30     | 29     |
| 2009 | 6     | 10  | 7    | 35     | 28     | 0.876     | -0.016    | 1.657 | 0.016     | 0.016     | 0         | 59.8 | 61.5 | 62.8 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 7    | 50     | 28     | 0.909     | 0.02      | 1.657 | 0.016     | 0.013     | 0         | 59.8 | 61.5 | 61.5 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 8    | 5      | 28     | 0.869     | -0.03     | 1.657 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 58.9 | 169        | 172        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 8    | 20     | 28     | 0.856     | -0.02     | 1.657 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 57.6 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 8    | 35     | 28     | 0.922     | 0.007     | 1.657 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 58.9 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 8    | 50     | 28     | 0.879     | 0         | 1.657 | 0.02      | 0.016     | 0         | 59.3 | 61.9 | 58.5 | 168        | 173        | 0          | 30     | 29     |
| 2009 | 6     | 10  | 9    | 5      | 28     | 0.86      | -0.033    | 1.657 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 60.6 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 10  | 9    | 20     | 28     | 0.873     | 0.02      | 1.657 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 61.9 | 169        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 10  | 9    | 35     | 28     | 0.915     | 0         | 1.657 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 62.4 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 10  | 9    | 50     | 28     | 0.928     | 0         | 1.66  | 0.016     | 0.016     | 0         | 59.3 | 61.1 | 64.1 | 168        | 172        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 10   | 5      | 28     | 0.906     | 0         | 1.66  | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 64.1 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 10  | 10   | 20     | 28     | 0.935     | -0.013    | 1.66  | 0.016     | 0.016     | 0         | 59.3 | 60.6 | 64.5 | 167        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 10  | 10   | 35     | 28     | 0.945     | -0.007    | 1.66  | 0.016     | 0.016     | 0         | 59.8 | 61.5 | 63.6 | 167        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 10  | 10   | 50     | 28     | 0.994     | -0.03     | 1.66  | 0.016     | 0.013     | 0         | 59.3 | 60.6 | 63.6 | 167        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 10  | 11   | 5      | 28     | 0.942     | 0.01      | 1.66  | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 64.1 | 167        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 10  | 11   | 20     | 28     | 0.942     | 0         | 1.663 | 0.016     | 0.016     | 0         | 59.3 | 61.1 | 64.1 | 167        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 11   | 35     | 28     | 0.997     | 0         | 1.663 | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 64.1 | 167        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 10  | 11   | 50     | 28     | 0.994     | 0.007     | 1.663 | 0.016     | 0.016     | 0         | 59.3 | 61.1 | 64.5 | 167        | 171        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 10  | 12   | 5      | 28     | 0.991     | -0.03     | 1.663 | 0.016     | 0.016     | 0         | 58.9 | 60.6 | 64.1 | 166        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 12   | 20     | 28     | 1.001     | 0.013     | 1.663 | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 63.2 | 167        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 10  | 12   | 35     | 28     | 0.938     | -0.03     | 1.667 | 0.016     | 0.013     | 0         | 58.9 | 60.2 | 63.2 | 166        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 10  | 12   | 50     | 28     | 0.974     | -0.01     | 1.667 | 0.016     | 0.016     | 0         | 59.3 | 60.6 | 63.2 | 167        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 10  | 13   | 5      | 28     | 0.945     | 0         | 1.667 | 0.016     | 0.013     | 0         | 59.3 | 60.6 | 63.2 | 167        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 10  | 13   | 20     | 28     | 0.984     | 0.023     | 1.667 | 0.016     | 0.013     | 0         | 58.9 | 60.6 | 63.2 | 166        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 10  | 13   | 35     | 28     | 0.988     | -0.007    | 1.667 | 0.016     | 0.016     | 0         | 58.9 | 60.2 | 63.6 | 166        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 10  | 13   | 50     | 28     | 1.024     | 0.036     | 1.667 | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 60.6 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 10  | 14   | 5      | 28     | 1.001     | 0.01      | 1.667 | 0.016     | 0.013     | 0         | 61.9 | 63.2 | 55.9 | 172        | 176        | 0          | 28     | 29     |
| 2009 | 6     | 10  | 14   | 20     | 28     | 0.932     | 0.085     | 1.667 | 0.016     | 0.016     | 0         | 62.8 | 64.9 | 52   | 175        | 180        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 14   | 35     | 28     | 0.997     | 0.105     | 1.69  | 0.016     | 0.016     | 0         | 64.9 | 66.7 | 52   | 180        | 184        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 14   | 50     | 28     | 0.935     | 0.148     | 1.693 | 0.016     | 0.013     | 0         | 64.9 | 66.2 | 56.8 | 179        | 183        | 0          | 28     | 29     |
| 2009 | 6     | 10  | 15   | 5      | 28     | 0.994     | 0.148     | 1.693 | 0.016     | 0.016     | 0         | 64.1 | 65.8 | 57.2 | 178        | 182        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 15   | 20     | 28     | 0.935     | 0.135     | 1.693 | 0.016     | 0.016     | 0         | 63.2 | 64.9 | 58.5 | 176        | 181        | 0          | 29     | 30     |
| 2009 | 6     | 10  | 15   | 35     | 28     | 0.928     | 0.135     | 1.696 | 0.016     | 0.013     | 0         | 62.8 | 64.1 | 59.8 | 175        | 179        | 0          | 29     | 30     |
| 2009 | 6     | 10  | 15   | 50     | 28     | 0.971     | 0.085     | 1.693 | 0.016     | 0.013     | 0         | 61.5 | 63.2 | 60.6 | 172        | 176        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 16   | 5      | 28     | 1.001     | 0.085     | 1.693 | 0.016     | 0.016     | 0         | 61.1 | 62.8 | 61.1 | 170        | 175        | 0          | 28     | 29     |
| 2009 | 6     | 10  | 16   | 20     | 28     | 0.981     | 0.069     | 1.693 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 61.5 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 16   | 35     | 28     | 0.974     | 0.013     | 1.693 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 62.8 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 10  | 16   | 50     | 28     | 1.024     | 0.046     | 1.693 | 0.02      | 0.016     | 0         | 59.8 | 61.5 | 62.8 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 17   | 5      | 28     | 1.03      | 0.059     | 1.693 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 62.4 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 10  | 17   | 20     | 28     | 1.033     | 0.007     | 1.693 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 63.2 | 168        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 17   | 35     | 28     | 0.994     | 0.03      | 1.693 | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 61.9 | 168        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 17   | 50     | 28     | 1.017     | 0.01      | 1.693 | 0.016     | 0.013     | 0         | 59.8 | 61.5 | 62.8 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 18   | 5      | 28     | 0.988     | 0.003     | 1.693 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 62.4 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 10  | 18   | 20     | 28     | 1.007     | 0         | 1.693 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 62.4 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 18   | 35     | 28     | 1.001     | 0.007     | 1.696 | 0.016     | 0.013     | 0         | 59.8 | 61.5 | 63.2 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 18   | 50     | 28     | 1.037     | -0.016    | 1.696 | 0.016     | 0.016     | 0         | 60.6 | 61.5 | 63.2 | 169        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 10  | 19   | 5      | 28     | 1.024     | -0.01     | 1.696 | 0.016     | 0.016     | 0         | 60.6 | 62.4 | 62.4 | 170        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 19   | 20     | 28     | 0.988     | 0         | 1.696 | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 63.2 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 19   | 35     | 28     | 1.004     | 0         | 1.699 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 63.6 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 10  | 19   | 50     | 28     | 0.945     | 0.036     | 1.699 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 63.6 | 169        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 10  | 20   | 5      | 28     | 0.997     | 0         | 1.699 | 0.016     | 0.016     | 0         | 60.6 | 61.9 | 63.6 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 20   | 20     | 28     | 0.981     | 0.003     | 1.699 | 0.016     | 0.016     | 0         | 60.6 | 61.5 | 64.1 | 169        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 10  | 20   | 35     | 28     | 1.004     | 0.02      | 1.699 | 0.016     | 0.013     | 0         | 60.6 | 61.9 | 64.5 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 20   | 50     | 28     | 0.958     | -0.016    | 1.703 | 0.016     | 0.016     | 0         | 60.6 | 61.9 | 64.1 | 169        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 10  | 21   | 5      | 28     | 1.027     | 0.023     | 1.703 | 0.02      | 0.016     | 0         | 60.2 | 61.9 | 63.6 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 21   | 20     | 28     | 1.01      | 0.007     | 1.703 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 63.2 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 21   | 35     | 28     | 1.004     | 0.007     | 1.703 | 0.016     | 0.013     | 0         | 60.6 | 61.9 | 63.2 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 21   | 50     | 28     | 0.991     | 0.036     | 1.703 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 63.2 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 22   | 5      | 28     | 0.958     | 0         | 1.703 | 0.016     | 0.016     | 0         | 60.6 | 61.9 | 63.2 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 22   | 20     | 28     | 0.997     | 0.013     | 1.703 | 0.02      | 0.016     | 0         | 60.6 | 61.9 | 62.4 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 22   | 35     | 28     | 1.024     | 0         | 1.703 | 0.016     | 0.013     | 0         | 60.6 | 61.9 | 62.8 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 22   | 50     | 28     | 0.951     | -0.013    | 1.706 | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 62.4 | 169        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 10  | 23   | 5      | 28     | 0.991     | 0.03      | 1.706 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 62.8 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 23   | 20     | 28     | 0.945     | 0         | 1.706 | 0.016     | 0.013     | 0         | 60.6 | 61.9 | 62.4 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 23   | 35     | 28     | 0.928     | 0.036     | 1.706 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 62.4 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 23   | 50     | 28     | 0.984     | -0.013    | 1.706 | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 61.9 | 169        | 173        | 0          | 29     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 11  | 0    | 5      | 28     | 0.958     | 0.003     | 1.706 | 0.016     | 0.016     | 0         | 60.6 | 61.9 | 61.9 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 0    | 20     | 28     | 0.988     | 0.023     | 1.709 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 61.9 | 169        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 11  | 0    | 35     | 28     | 0.955     | 0.01      | 1.709 | 0.016     | 0.013     | 0         | 60.6 | 61.9 | 61.1 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 0    | 50     | 28     | 0.965     | 0.02      | 1.709 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 61.1 | 169        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 11  | 1    | 5      | 28     | 0.991     | -0.003    | 1.713 | 0.016     | 0.013     | 0         | 60.6 | 61.5 | 60.2 | 169        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 11  | 1    | 20     | 28     | 1.037     | 0.007     | 1.716 | 0.016     | 0.016     | 0         | 59.8 | 61.9 | 60.6 | 169        | 173        | 0          | 30     | 29     |
| 2009 | 6     | 11  | 1    | 35     | 28     | 0.951     | 0.007     | 1.716 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 60.2 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 1    | 50     | 28     | 0.951     | -0.007    | 1.719 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 60.2 | 169        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 11  | 2    | 5      | 28     | 0.971     | 0.02      | 1.722 | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 60.2 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 11  | 2    | 20     | 28     | 0.971     | -0.016    | 1.726 | 0.02      | 0.016     | 0         | 60.2 | 61.1 | 60.6 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 11  | 2    | 35     | 28     | 0.951     | 0.013     | 1.729 | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 61.9 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 11  | 2    | 50     | 28     | 0.955     | 0.013     | 1.729 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 61.9 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 11  | 3    | 5      | 28     | 0.988     | -0.016    | 1.732 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 62.4 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 3    | 20     | 28     | 0.984     | -0.007    | 1.732 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 62.8 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 11  | 3    | 35     | 28     | 0.997     | 0.007     | 1.732 | 0.016     | 0.016     | 0         | 60.6 | 61.5 | 63.2 | 169        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 11  | 3    | 50     | 28     | 1.001     | 0.026     | 1.732 | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 64.1 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 4    | 5      | 28     | 0.988     | 0         | 1.736 | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 64.1 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 11  | 4    | 20     | 28     | 1.01      | 0.007     | 1.736 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 64.5 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 11  | 4    | 35     | 28     | 1.027     | 0.003     | 1.736 | 0.02      | 0.016     | 0         | 60.2 | 61.5 | 64.1 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 4    | 50     | 28     | 0.978     | -0.023    | 1.736 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 64.5 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 11  | 5    | 5      | 28     | 1.043     | -0.003    | 1.736 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 64.1 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 11  | 5    | 20     | 28     | 1.04      | 0         | 1.736 | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 64.1 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 5    | 35     | 28     | 1.066     | 0.003     | 1.736 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 64.1 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 5    | 50     | 28     | 1.024     | 0.033     | 1.739 | 0.016     | 0.013     | 0         | 59.8 | 61.5 | 63.6 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 6    | 5      | 28     | 1.027     | 0.01      | 1.739 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 64.1 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 11  | 6    | 20     | 28     | 1.073     | 0.007     | 1.736 | 0.016     | 0.013     | 0         | 59.3 | 61.5 | 63.6 | 168        | 172        | 0          | 30     | 29     |
| 2009 | 6     | 11  | 6    | 35     | 28     | 1.01      | 0         | 1.739 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 63.6 | 168        | 172        | 0          | 28     | 30     |
| 2009 | 6     | 11  | 6    | 50     | 28     | 0.928     | 0.013     | 1.739 | 0.016     | 0.016     | 0         | 59.8 | 60.6 | 64.1 | 168        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 11  | 7    | 5      | 28     | 1.05      | 0.01      | 1.739 | 0.016     | 0.016     | 0         | 59.8 | 60.6 | 63.6 | 168        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 11  | 7    | 20     | 28     | 1.001     | 0         | 1.739 | 0.016     | 0.016     | 0         | 59.8 | 61.5 | 63.6 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 7    | 35     | 28     | 0.971     | -0.007    | 1.739 | 0.016     | 0.013     | 0         | 59.8 | 61.5 | 63.6 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 7    | 50     | 28     | 0.961     | 0.02      | 1.739 | 0.016     | 0.016     | 0         | 59.3 | 61.1 | 63.2 | 168        | 172        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 8    | 5      | 28     | 1.004     | 0.003     | 1.739 | 0.016     | 0.016     | 0         | 59.3 | 61.1 | 63.6 | 168        | 172        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 8    | 20     | 28     | 1.01      | -0.02     | 1.739 | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 62.8 | 169        | 172        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 8    | 35     | 28     | 0.991     | -0.013    | 1.739 | 0.016     | 0.013     | 0         | 59.8 | 61.9 | 63.2 | 168        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 8    | 50     | 28     | 1.001     | 0.02      | 1.742 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 63.2 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 11  | 9    | 5      | 28     | 1.01      | -0.013    | 1.742 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 62.8 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 11  | 9    | 20     | 28     | 1.01      | 0.03      | 1.742 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 63.2 | 168        | 172        | 0          | 28     | 30     |
| 2009 | 6     | 11  | 9    | 35     | 28     | 0.997     | 0.016     | 1.742 | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 63.2 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 11  | 9    | 50     | 28     | 0.981     | -0.007    | 1.742 | 0.016     | 0.016     | 0         | 59.8 | 61.5 | 63.6 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 10   | 5      | 28     | 0.991     | 0.003     | 1.742 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 63.2 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 11  | 10   | 20     | 28     | 0.981     | -0.043    | 1.742 | 0.016     | 0.016     | 0         | 59.8 | 61.5 | 63.6 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 10   | 35     | 28     | 1.027     | -0.013    | 1.742 | 0.016     | 0.016     | 0         | 59.3 | 61.1 | 63.6 | 167        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 10   | 50     | 28     | 0.997     | -0.007    | 1.742 | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 63.6 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 11  | 11   | 5      | 28     | 0.988     | 0         | 1.742 | 0.016     | 0.016     | 0         | 59.8 | 61.5 | 63.6 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 11   | 20     | 28     | 1.066     | 0.046     | 1.742 | 0.016     | 0.016     | 0         | 58.9 | 61.5 | 64.1 | 167        | 172        | 0          | 30     | 29     |
| 2009 | 6     | 11  | 11   | 35     | 28     | 0.994     | 0.033     | 1.742 | 0.016     | 0.016     | 0         | 59.3 | 61.1 | 63.6 | 167        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 11  | 11   | 50     | 28     | 1.03      | 0.033     | 1.742 | 0.016     | 0.016     | 0         | 59.3 | 61.1 | 64.5 | 167        | 172        | 0          | 29     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 11  | 12   | 5      | 28     | 0.974     | 0         | 1.742 | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 64.1 | 168        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 11  | 12   | 20     | 28     | 1.04      | -0.01     | 1.742 | 0.02      | 0.016     | 0         | 59.3 | 61.1 | 64.1 | 167        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 11  | 12   | 35     | 28     | 1.01      | 0.007     | 1.742 | 0.016     | 0.016     | 0         | 59.3 | 61.5 | 64.5 | 167        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 12   | 50     | 28     | 1.014     | 0.013     | 1.745 | 0.016     | 0.013     | 0         | 59.8 | 61.5 | 63.6 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 13   | 5      | 28     | 1.027     | 0         | 1.745 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 64.5 | 167        | 172        | 0          | 28     | 30     |
| 2009 | 6     | 11  | 13   | 20     | 28     | 1.01      | 0.003     | 1.745 | 0.016     | 0.016     | 0         | 59.3 | 61.5 | 63.6 | 167        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 13   | 35     | 28     | 1.053     | 0.02      | 1.745 | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 62.8 | 168        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 11  | 13   | 50     | 28     | 1.047     | 0.026     | 1.745 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 62.8 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 11  | 14   | 5      | 28     | 1.033     | 0         | 1.745 | 0.016     | 0.016     | 0         | 59.8 | 61.5 | 63.2 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 14   | 20     | 28     | 1.066     | -0.016    | 1.745 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 63.6 | 168        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 11  | 14   | 35     | 28     | 1.056     | -0.023    | 1.745 | 0.02      | 0.016     | 0         | 59.8 | 61.9 | 61.9 | 168        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 14   | 50     | 28     | 1.02      | 0.033     | 1.742 | 0.016     | 0.013     | 0         | 59.8 | 61.5 | 59.3 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 15   | 5      | 28     | 1.056     | 0.023     | 1.742 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 56.8 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 15   | 20     | 28     | 1.03      | -0.007    | 1.742 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 57.2 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 15   | 35     | 28     | 1.07      | 0.013     | 1.742 | 0.016     | 0.013     | 0         | 59.8 | 61.9 | 61.5 | 168        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 15   | 50     | 28     | 1.033     | 0         | 1.742 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 60.6 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 16   | 5      | 28     | 1.056     | 0         | 1.742 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 56.8 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 16   | 20     | 28     | 1.073     | 0.039     | 1.739 | 0.02      | 0.016     | 0         | 59.8 | 61.9 | 56.8 | 168        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 16   | 35     | 28     | 1.043     | 0         | 1.742 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 58.9 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 16   | 50     | 28     | 1.033     | 0.026     | 1.742 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 60.6 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 17   | 5      | 28     | 1.05      | -0.016    | 1.739 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 61.1 | 169        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 11  | 17   | 20     | 28     | 1.07      | 0.01      | 1.742 | 0.02      | 0.016     | 0         | 60.6 | 61.9 | 61.9 | 169        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 11  | 17   | 35     | 28     | 1.02      | 0.026     | 1.739 | 0.02      | 0.016     | 0         | 60.2 | 61.5 | 59.3 | 169        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 11  | 17   | 50     | 28     | 1.03      | 0.016     | 1.742 | 0.016     | 0.013     | 0         | 59.8 | 61.9 | 61.1 | 168        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 18   | 5      | 28     | 1.033     | 0.016     | 1.739 | 0.02      | 0.016     | 0         | 60.6 | 62.4 | 61.9 | 169        | 173        | 0          | 28     | 28     |
| 2009 | 6     | 11  | 18   | 20     | 28     | 1.04      | 0.023     | 1.739 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 62.8 | 168        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 11  | 18   | 35     | 28     | 1.063     | 0.036     | 1.739 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 61.9 | 168        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 11  | 18   | 50     | 28     | 1.063     | 0.036     | 1.739 | 0.016     | 0.013     | 0         | 60.6 | 62.4 | 59.8 | 169        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 11  | 19   | 5      | 28     | 1.066     | 0.033     | 1.742 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 63.2 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 19   | 20     | 28     | 1.024     | 0.049     | 1.742 | 0.016     | 0.016     | 0         | 60.2 | 62.4 | 62.8 | 169        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 19   | 35     | 28     | 1.024     | 0.039     | 1.742 | 0.016     | 0.013     | 0         | 60.6 | 61.9 | 63.6 | 169        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 11  | 19   | 50     | 28     | 1.056     | 0.023     | 1.742 | 0.016     | 0.016     | 0         | 60.2 | 62.4 | 63.6 | 169        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 20   | 5      | 28     | 1.109     | -0.007    | 1.742 | 0.016     | 0.013     | 0         | 59.8 | 61.9 | 63.6 | 168        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 20   | 20     | 28     | 1.05      | 0.036     | 1.742 | 0.016     | 0.013     | 0         | 60.2 | 62.4 | 63.2 | 169        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 20   | 35     | 28     | 1.017     | 0.039     | 1.742 | 0.016     | 0.013     | 0         | 61.1 | 62.4 | 63.6 | 170        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 11  | 20   | 50     | 28     | 1.027     | 0.036     | 1.742 | 0.02      | 0.016     | 0         | 60.6 | 62.4 | 64.1 | 170        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 21   | 5      | 28     | 1.037     | 0.043     | 1.742 | 0.016     | 0.013     | 0         | 60.6 | 62.4 | 63.6 | 170        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 21   | 20     | 28     | 1.03      | 0.023     | 1.745 | 0.016     | 0.013     | 0         | 60.6 | 61.9 | 63.2 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 21   | 35     | 28     | 1.014     | 0.026     | 1.745 | 0.016     | 0.013     | 0         | 61.1 | 62.4 | 63.6 | 170        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 11  | 21   | 50     | 28     | 1.037     | 0.013     | 1.745 | 0.016     | 0.013     | 0         | 60.2 | 62.4 | 63.2 | 169        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 22   | 5      | 28     | 1.017     | -0.013    | 1.745 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 63.2 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 22   | 20     | 28     | 1.04      | 0.049     | 1.745 | 0.016     | 0.016     | 0         | 60.2 | 62.4 | 62.8 | 169        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 22   | 35     | 28     | 0.994     | 0.059     | 1.745 | 0.02      | 0.016     | 0         | 60.2 | 61.9 | 63.2 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 22   | 50     | 28     | 1.05      | 0.03      | 1.745 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 63.2 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 23   | 5      | 28     | 1.043     | 0.036     | 1.745 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 63.2 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 23   | 20     | 28     | 1.066     | 0.033     | 1.745 | 0.016     | 0.016     | 0         | 60.6 | 61.9 | 63.6 | 169        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 11  | 23   | 35     | 28     | 1.027     | 0.003     | 1.745 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 62.8 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 23   | 50     | 28     | 1.05      | 0.033     | 1.745 | 0.02      | 0.016     | 0         | 61.1 | 61.9 | 62.8 | 170        | 173        | 0          | 28     | 29     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 12  | 0    | 5      | 28     | 1.06      | 0.026     | 1.745 | 0.016     | 0.013     | 0         | 60.6 | 61.9 | 63.2 | 170        | 174        | 0          | 29     | 30     |
| 2009 | 6     | 12  | 0    | 20     | 28     | 1.01      | 0.013     | 1.745 | 0.016     | 0.016     | 0         | 60.6 | 61.9 | 63.2 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 0    | 35     | 28     | 0.991     | 0.049     | 1.745 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 62.8 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 0    | 50     | 28     | 0.988     | -0.013    | 1.745 | 0.02      | 0.016     | 0         | 60.6 | 61.9 | 63.2 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 1    | 5      | 28     | 1.086     | 0.03      | 1.745 | 0.02      | 0.016     | 0         | 60.2 | 61.9 | 62.8 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 1    | 20     | 28     | 1.014     | 0.023     | 1.749 | 0.016     | 0.016     | 0         | 60.6 | 61.9 | 63.2 | 169        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 12  | 1    | 35     | 28     | 1.04      | 0.033     | 1.749 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 63.2 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 1    | 50     | 28     | 1.07      | 0.02      | 1.749 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 62.8 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 2    | 5      | 28     | 1.047     | 0.003     | 1.749 | 0.016     | 0.016     | 0         | 60.6 | 61.5 | 63.2 | 169        | 173        | 0          | 28     | 30     |
| 2009 | 6     | 12  | 2    | 20     | 28     | 1.017     | -0.003    | 1.749 | 0.02      | 0.016     | 0         | 59.8 | 61.9 | 63.2 | 168        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 2    | 35     | 28     | 1.03      | 0.01      | 1.749 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 62.8 | 168        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 12  | 2    | 50     | 28     | 1.024     | 0.059     | 1.749 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 62.8 | 168        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 12  | 3    | 5      | 28     | 0.981     | 0.016     | 1.749 | 0.016     | 0.013     | 0         | 60.6 | 61.5 | 63.2 | 169        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 12  | 3    | 20     | 28     | 0.997     | 0.03      | 1.749 | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 63.6 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 12  | 3    | 35     | 28     | 1.027     | -0.016    | 1.745 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 63.2 | 168        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 12  | 3    | 50     | 28     | 0.974     | 0.01      | 1.745 | 0.016     | 0.013     | 0         | 59.8 | 61.5 | 63.2 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 4    | 5      | 28     | 0.958     | 0.016     | 1.745 | 0.02      | 0.016     | 0         | 59.8 | 61.1 | 63.2 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 12  | 4    | 20     | 28     | 1.007     | -0.007    | 1.749 | 0.02      | 0.016     | 0         | 59.8 | 61.5 | 63.2 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 4    | 35     | 28     | 1.004     | 0.043     | 1.745 | 0.016     | 0.013     | 0         | 60.6 | 61.5 | 63.2 | 169        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 12  | 4    | 50     | 28     | 1.007     | 0.026     | 1.745 | 0.016     | 0.013     | 0         | 59.8 | 61.5 | 62.8 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 5    | 5      | 28     | 1.007     | 0         | 1.745 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 63.2 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 5    | 20     | 28     | 0.974     | 0.007     | 1.749 | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 62.4 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 5    | 35     | 28     | 1.05      | 0.013     | 1.745 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 62.4 | 169        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 12  | 5    | 50     | 28     | 1.004     | 0.016     | 1.745 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 63.2 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 6    | 5      | 28     | 1.03      | 0         | 1.745 | 0.02      | 0.016     | 0         | 60.6 | 61.5 | 62.8 | 169        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 12  | 6    | 20     | 28     | 0.988     | -0.01     | 1.749 | 0.02      | 0.016     | 0         | 59.3 | 61.5 | 62.4 | 167        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 6    | 35     | 28     | 0.991     | -0.003    | 1.745 | 0.016     | 0.016     | 0         | 59.3 | 61.5 | 62.8 | 167        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 6    | 50     | 28     | 1.017     | 0.026     | 1.749 | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 62.4 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 12  | 7    | 5      | 28     | 0.988     | 0.03      | 1.745 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 62.4 | 168        | 172        | 0          | 28     | 30     |
| 2009 | 6     | 12  | 7    | 20     | 28     | 1.027     | -0.007    | 1.745 | 0.016     | 0.016     | 0         | 59.8 | 60.6 | 63.2 | 168        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 12  | 7    | 35     | 28     | 1.017     | 0.03      | 1.745 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 62.4 | 168        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 7    | 50     | 28     | 1.037     | 0.023     | 1.745 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 62.4 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 12  | 8    | 5      | 28     | 1.027     | 0.039     | 1.745 | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 62.8 | 168        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 12  | 8    | 20     | 28     | 1.043     | -0.03     | 1.745 | 0.016     | 0.013     | 0         | 59.3 | 60.2 | 62.8 | 167        | 171        | 0          | 29     | 31     |
| 2009 | 6     | 12  | 8    | 35     | 28     | 1.047     | 0         | 1.745 | 0.016     | 0.013     | 0         | 58.9 | 60.6 | 63.2 | 167        | 171        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 8    | 50     | 28     | 1.014     | 0.03      | 1.745 | 0.016     | 0.016     | 0         | 59.3 | 61.1 | 63.6 | 167        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 9    | 5      | 28     | 1.004     | 0.023     | 1.745 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 63.2 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 12  | 9    | 20     | 28     | 1.014     | -0.003    | 1.745 | 0.02      | 0.016     | 0         | 59.3 | 61.1 | 63.2 | 167        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 9    | 35     | 28     | 1.047     | 0.03      | 1.742 | 0.016     | 0.016     | 0         | 59.3 | 61.1 | 64.1 | 167        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 9    | 50     | 28     | 1.053     | -0.007    | 1.742 | 0.016     | 0.013     | 0         | 58.9 | 61.1 | 64.1 | 166        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 10   | 5      | 28     | 1.06      | -0.043    | 1.742 | 0.016     | 0.016     | 0         | 58.9 | 60.6 | 64.1 | 166        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 10   | 20     | 28     | 1.037     | 0         | 1.745 | 0.016     | 0.016     | 0         | 59.3 | 61.1 | 64.5 | 167        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 10   | 35     | 28     | 1.063     | -0.013    | 1.742 | 0.02      | 0.016     | 0         | 58.9 | 60.6 | 64.5 | 166        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 10   | 50     | 28     | 1.024     | 0.03      | 1.742 | 0.016     | 0.013     | 0         | 58.9 | 60.2 | 64.9 | 166        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 12  | 11   | 5      | 28     | 1.033     | 0.039     | 1.742 | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 64.5 | 167        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 12  | 11   | 20     | 28     | 1.07      | -0.013    | 1.742 | 0.016     | 0.016     | 0         | 58.9 | 61.1 | 64.5 | 166        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 11   | 35     | 28     | 1.053     | 0.003     | 1.742 | 0.016     | 0.016     | 0         | 58.9 | 60.6 | 64.1 | 166        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 11   | 50     | 28     | 1.056     | -0.01     | 1.742 | 0.02      | 0.016     | 0         | 58.9 | 60.6 | 64.5 | 166        | 170        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 12  | 12   | 5      | 28     | 1.086     | 0         | 1.742 | 0.016     | 0.013     | 0         | 58.9 | 60.6 | 65.4 | 166        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 12   | 20     | 28     | 1.043     | 0.033     | 1.742 | 0.02      | 0.016     | 0         | 59.3 | 61.1 | 63.2 | 167        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 12   | 35     | 28     | 1.04      | 0.016     | 1.742 | 0.02      | 0.016     | 0         | 59.3 | 61.5 | 64.5 | 167        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 12   | 50     | 28     | 1.073     | 0.043     | 1.739 | 0.02      | 0.016     | 0         | 59.3 | 61.1 | 63.2 | 167        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 12  | 13   | 5      | 28     | 1.02      | 0.013     | 1.739 | 0.016     | 0.013     | 0         | 59.3 | 61.5 | 62.4 | 167        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 13   | 20     | 28     | 1.027     | 0.007     | 1.739 | 0.016     | 0.013     | 0         | 59.8 | 61.5 | 63.2 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 13   | 35     | 28     | 1.05      | 0.049     | 1.739 | 0.016     | 0.016     | 0         | 59.8 | 61.5 | 63.2 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 13   | 50     | 28     | 1.03      | 0.01      | 1.736 | 0.016     | 0.013     | 0         | 59.8 | 61.9 | 61.5 | 168        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 14   | 5      | 28     | 1.089     | 0.039     | 1.736 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 59.8 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 14   | 20     | 28     | 1.109     | 0.033     | 1.732 | 0.016     | 0.013     | 0         | 60.6 | 61.9 | 55.9 | 169        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 12  | 14   | 35     | 28     | 1.06      | 0.059     | 1.732 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 57.2 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 14   | 50     | 28     | 1.05      | -0.007    | 1.729 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 55   | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 15   | 5      | 28     | 1.112     | 0.026     | 1.729 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 55.9 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 15   | 20     | 28     | 1.089     | 0.036     | 1.722 | 0.02      | 0.016     | 0         | 60.2 | 61.9 | 54.2 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 15   | 35     | 28     | 1.089     | 0.02      | 1.722 | 0.016     | 0.013     | 0         | 60.2 | 62.4 | 52.9 | 169        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 15   | 50     | 28     | 1.096     | 0.026     | 1.719 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 52.5 | 169        | 174        | 0          | 29     | 30     |
| 2009 | 6     | 12  | 16   | 5      | 28     | 1.106     | 0.039     | 1.719 | 0.016     | 0.013     | 0         | 60.6 | 61.9 | 54.2 | 169        | 174        | 0          | 28     | 30     |
| 2009 | 6     | 12  | 16   | 20     | 28     | 1.07      | 0.03      | 1.719 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 55.5 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 16   | 35     | 28     | 1.043     | 0.046     | 1.716 | 0.016     | 0.016     | 0         | 60.6 | 62.4 | 55   | 169        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 12  | 16   | 50     | 28     | 1.02      | 0.026     | 1.716 | 0.02      | 0.016     | 0         | 60.2 | 61.9 | 57.2 | 169        | 174        | 0          | 29     | 30     |
| 2009 | 6     | 12  | 17   | 5      | 28     | 1.06      | 0.013     | 1.713 | 0.02      | 0.016     | 0         | 60.6 | 61.9 | 57.2 | 169        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 12  | 17   | 20     | 28     | 1.033     | 0.01      | 1.713 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 57.2 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 17   | 35     | 28     | 1.043     | 0.033     | 1.713 | 0.016     | 0.013     | 0         | 60.6 | 61.9 | 56.8 | 169        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 12  | 17   | 50     | 28     | 1.089     | 0.003     | 1.713 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 56.3 | 168        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 12  | 18   | 5      | 28     | 1.027     | 0.03      | 1.709 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 59.3 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 18   | 20     | 28     | 1.04      | 0.033     | 1.709 | 0.016     | 0.013     | 0         | 59.8 | 61.9 | 60.2 | 168        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 18   | 35     | 28     | 1.056     | 0.043     | 1.709 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 60.6 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 18   | 50     | 28     | 1.037     | 0         | 1.709 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 60.2 | 169        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 12  | 19   | 5      | 28     | 1.102     | -0.01     | 1.709 | 0.016     | 0.013     | 0         | 59.8 | 61.9 | 61.5 | 168        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 19   | 20     | 28     | 1.03      | 0.03      | 1.709 | 0.016     | 0.016     | 0         | 59.8 | 61.9 | 61.9 | 168        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 19   | 35     | 28     | 1.076     | -0.007    | 1.709 | 0.02      | 0.016     | 0         | 60.2 | 61.9 | 61.5 | 168        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 12  | 19   | 50     | 28     | 1.079     | -0.003    | 1.709 | 0.02      | 0.016     | 0         | 59.8 | 61.9 | 62.8 | 168        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 20   | 5      | 28     | 1.04      | 0         | 1.709 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 62.4 | 168        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 12  | 20   | 20     | 28     | 1.03      | -0.01     | 1.709 | 0.02      | 0.016     | 0         | 59.8 | 61.9 | 62.8 | 168        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 20   | 35     | 28     | 1.043     | -0.007    | 1.709 | 0.016     | 0.016     | 0         | 59.8 | 61.9 | 61.9 | 168        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 20   | 50     | 28     | 1.053     | 0.026     | 1.709 | 0.016     | 0.013     | 0         | 59.8 | 61.9 | 61.5 | 168        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 21   | 5      | 28     | 1.083     | 0.026     | 1.709 | 0.016     | 0.013     | 0         | 59.8 | 61.9 | 61.9 | 168        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 21   | 20     | 28     | 1.04      | 0.01      | 1.709 | 0.016     | 0.016     | 0         | 59.8 | 61.9 | 61.9 | 168        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 21   | 35     | 28     | 1.024     | 0.03      | 1.709 | 0.016     | 0.016     | 0         | 60.6 | 61.5 | 61.9 | 169        | 173        | 0          | 28     | 30     |
| 2009 | 6     | 12  | 21   | 50     | 28     | 1.04      | 0.013     | 1.709 | 0.016     | 0.016     | 0         | 60.6 | 61.5 | 62.8 | 169        | 173        | 0          | 28     | 30     |
| 2009 | 6     | 12  | 22   | 5      | 28     | 1.027     | 0.056     | 1.709 | 0.016     | 0.013     | 0         | 60.6 | 61.9 | 62.4 | 169        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 12  | 22   | 20     | 28     | 1.05      | -0.013    | 1.706 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 62.8 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 22   | 35     | 28     | 1.024     | 0.007     | 1.706 | 0.016     | 0.016     | 0         | 60.6 | 61.5 | 62.4 | 169        | 173        | 0          | 28     | 30     |
| 2009 | 6     | 12  | 22   | 50     | 28     | 1.02      | 0.046     | 1.706 | 0.016     | 0.016     | 0         | 59.8 | 61.9 | 62.8 | 168        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 23   | 5      | 28     | 0.988     | 0.03      | 1.706 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 62.4 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 23   | 20     | 28     | 0.984     | 0.023     | 1.706 | 0.02      | 0.016     | 0         | 60.2 | 61.9 | 62.8 | 168        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 12  | 23   | 35     | 28     | 0.997     | 0.01      | 1.706 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 62.8 | 168        | 173        | 0          | 28     | 30     |
| 2009 | 6     | 12  | 23   | 50     | 28     | 1.017     | 0.007     | 1.706 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 62.8 | 169        | 173        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 13  | 0    | 5      | 28     | 1.01      | -0.026    | 1.706 | 0.016     | 0.013     | 0         | 59.8 | 61.5 | 62.8 | 168        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 13  | 0    | 20     | 28     | 1.017     | 0.01      | 1.706 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 63.2 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 0    | 35     | 28     | 1.03      | 0.013     | 1.706 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 63.2 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 0    | 50     | 28     | 0.981     | 0.01      | 1.706 | 0.02      | 0.016     | 0         | 59.8 | 61.5 | 62.8 | 168        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 13  | 1    | 5      | 28     | 1.004     | -0.016    | 1.706 | 0.016     | 0.016     | 0         | 59.8 | 61.9 | 63.6 | 168        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 1    | 20     | 28     | 0.984     | 0         | 1.706 | 0.016     | 0.016     | 0         | 59.8 | 61.9 | 63.2 | 168        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 1    | 35     | 28     | 1.017     | 0.023     | 1.706 | 0.016     | 0.016     | 0         | 59.8 | 61.5 | 63.2 | 168        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 13  | 1    | 50     | 28     | 1.004     | 0         | 1.706 | 0.016     | 0.016     | 0         | 59.8 | 61.5 | 62.8 | 168        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 13  | 2    | 5      | 28     | 1.014     | -0.036    | 1.706 | 0.016     | 0.013     | 0         | 59.8 | 61.5 | 63.2 | 168        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 13  | 2    | 20     | 28     | 0.984     | 0.007     | 1.706 | 0.016     | 0.016     | 0         | 59.8 | 61.9 | 62.8 | 168        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 2    | 35     | 28     | 0.984     | -0.013    | 1.706 | 0.016     | 0.016     | 0         | 59.8 | 61.9 | 63.6 | 168        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 2    | 50     | 28     | 1.024     | -0.023    | 1.706 | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 63.6 | 168        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 13  | 3    | 5      | 28     | 1.024     | 0.02      | 1.703 | 0.016     | 0.016     | 0         | 59.8 | 61.5 | 63.2 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 3    | 20     | 28     | 1.014     | -0.01     | 1.706 | 0.016     | 0.016     | 0         | 59.8 | 61.5 | 62.8 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 3    | 35     | 28     | 1.024     | -0.02     | 1.703 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 62.8 | 168        | 172        | 0          | 28     | 30     |
| 2009 | 6     | 13  | 3    | 50     | 28     | 1.037     | 0.043     | 1.703 | 0.02      | 0.016     | 0         | 60.2 | 61.1 | 63.2 | 168        | 172        | 0          | 28     | 30     |
| 2009 | 6     | 13  | 4    | 5      | 28     | 1.007     | 0.03      | 1.703 | 0.02      | 0.016     | 0         | 60.2 | 61.5 | 63.2 | 168        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 13  | 4    | 20     | 28     | 1.024     | -0.003    | 1.703 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 62.8 | 168        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 13  | 4    | 35     | 28     | 1.024     | -0.01     | 1.703 | 0.016     | 0.016     | 0         | 59.8 | 61.9 | 63.2 | 168        | 172        | 0          | 29     | 28     |
| 2009 | 6     | 13  | 4    | 50     | 28     | 1.04      | 0.02      | 1.703 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 63.6 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 13  | 5    | 5      | 28     | 1.03      | 0         | 1.703 | 0.016     | 0.013     | 0         | 59.8 | 61.5 | 63.2 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 5    | 20     | 28     | 0.968     | 0.023     | 1.703 | 0.02      | 0.016     | 0         | 60.6 | 61.9 | 61.9 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 5    | 35     | 28     | 1.05      | 0.003     | 1.703 | 0.016     | 0.016     | 0         | 60.6 | 61.5 | 62.8 | 170        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 5    | 50     | 28     | 1.043     | 0.026     | 1.703 | 0.02      | 0.016     | 0         | 60.6 | 61.5 | 61.9 | 170        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 6    | 5      | 28     | 0.971     | -0.01     | 1.703 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 62.8 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 6    | 20     | 28     | 1.007     | 0         | 1.703 | 0.016     | 0.016     | 0         | 59.8 | 61.5 | 62.8 | 168        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 13  | 6    | 35     | 28     | 1.027     | 0.023     | 1.703 | 0.016     | 0.016     | 0         | 59.8 | 61.5 | 63.2 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 6    | 50     | 28     | 1.027     | 0.01      | 1.703 | 0.016     | 0.016     | 0         | 60.2 | 61.5 | 62.8 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 7    | 5      | 28     | 1.01      | 0.003     | 1.703 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 62.8 | 168        | 172        | 0          | 28     | 30     |
| 2009 | 6     | 13  | 7    | 20     | 28     | 0.978     | -0.013    | 1.703 | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 63.2 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 13  | 7    | 35     | 28     | 0.942     | -0.043    | 1.703 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 63.2 | 169        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 7    | 50     | 28     | 0.925     | 0.003     | 1.703 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 62.4 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 8    | 5      | 28     | 0.961     | -0.007    | 1.703 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 62.4 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 8    | 20     | 28     | 0.935     | -0.003    | 1.703 | 0.016     | 0.013     | 0         | 60.6 | 61.9 | 61.5 | 170        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 8    | 35     | 28     | 0.935     | 0.003     | 1.703 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 62.8 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 8    | 50     | 28     | 0.994     | 0.01      | 1.703 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 63.2 | 169        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 13  | 9    | 5      | 28     | 0.974     | 0.02      | 1.703 | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 63.2 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 13  | 9    | 20     | 28     | 0.991     | 0.01      | 1.703 | 0.016     | 0.016     | 0         | 59.8 | 61.5 | 62.8 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 9    | 35     | 28     | 0.938     | 0.003     | 1.703 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 63.2 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 9    | 50     | 28     | 0.938     | 0         | 1.703 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 63.6 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 10   | 5      | 28     | 0.994     | -0.013    | 1.703 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 63.6 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 10   | 20     | 28     | 0.915     | 0.02      | 1.703 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 64.1 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 13  | 10   | 35     | 28     | 0.994     | 0.023     | 1.703 | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 63.6 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 13  | 10   | 50     | 28     | 0.997     | 0.03      | 1.703 | 0.016     | 0.016     | 0         | 59.8 | 61.5 | 64.1 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 11   | 5      | 28     | 0.984     | 0.049     | 1.703 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 64.1 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 11   | 20     | 28     | 0.945     | 0         | 1.703 | 0.02      | 0.016     | 0         | 60.6 | 61.9 | 64.5 | 169        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 13  | 11   | 35     | 28     | 0.991     | 0.007     | 1.703 | 0.016     | 0.016     | 0         | 60.6 | 61.9 | 64.1 | 169        | 174        | 0          | 28     | 30     |
| 2009 | 6     | 13  | 11   | 50     | 28     | 0.991     | 0.033     | 1.703 | 0.016     | 0.016     | 0         | 60.2 | 62.4 | 64.1 | 169        | 174        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 13  | 12   | 5      | 28     | 1.033     | 0.043     | 1.703 | 0.016     | 0.013     | 0         | 60.2 | 62.4 | 62.8 | 169        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 12   | 20     | 28     | 1.027     | 0.033     | 1.703 | 0.016     | 0.016     | 0         | 60.2 | 62.4 | 61.5 | 169        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 12   | 35     | 28     | 1.02      | 0.026     | 1.699 | 0.016     | 0.013     | 0         | 60.6 | 61.9 | 62.8 | 169        | 174        | 0          | 28     | 30     |
| 2009 | 6     | 13  | 12   | 50     | 28     | 1.06      | 0.033     | 1.699 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 62.4 | 168        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 13  | 13   | 5      | 28     | 1.056     | 0.033     | 1.699 | 0.016     | 0.016     | 0         | 60.2 | 62.4 | 61.9 | 169        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 13   | 20     | 28     | 0.978     | 0.01      | 1.699 | 0.016     | 0.013     | 0         | 59.8 | 61.9 | 61.5 | 168        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 13   | 35     | 28     | 1.024     | 0.03      | 1.699 | 0.016     | 0.013     | 0         | 59.8 | 61.9 | 61.1 | 168        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 13   | 50     | 28     | 1.053     | 0.03      | 1.696 | 0.02      | 0.016     | 0         | 60.2 | 61.9 | 58.9 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 14   | 5      | 28     | 1.066     | 0.003     | 1.696 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 60.6 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 14   | 20     | 28     | 1.01      | -0.003    | 1.696 | 0.016     | 0.013     | 0         | 59.3 | 62.4 | 60.2 | 167        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 14   | 35     | 28     | 1.037     | 0.026     | 1.696 | 0.016     | 0.013     | 0         | 60.6 | 62.4 | 59.3 | 169        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 13  | 14   | 50     | 28     | 0.984     | 0.01      | 1.693 | 0.016     | 0.016     | 0         | 60.2 | 62.4 | 60.2 | 168        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 13  | 15   | 5      | 28     | 1.017     | 0.046     | 1.69  | 0.016     | 0.016     | 0         | 60.6 | 62.4 | 57.2 | 169        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 13  | 15   | 20     | 28     | 0.981     | 0.016     | 1.693 | 0.016     | 0.016     | 0         | 60.2 | 62.4 | 59.3 | 169        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 15   | 35     | 28     | 1.06      | 0.02      | 1.69  | 0.016     | 0.013     | 0         | 60.2 | 62.4 | 58.9 | 169        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 15   | 50     | 28     | 1.024     | 0.02      | 1.683 | 0.016     | 0.013     | 0         | 59.8 | 62.4 | 55   | 168        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 16   | 5      | 28     | 1.043     | 0.01      | 1.686 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 54.6 | 169        | 174        | 0          | 29     | 30     |
| 2009 | 6     | 13  | 16   | 20     | 28     | 0.997     | 0.033     | 1.683 | 0.016     | 0.013     | 0         | 60.6 | 62.4 | 58.5 | 169        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 13  | 16   | 35     | 28     | 1.001     | 0.013     | 1.683 | 0.016     | 0.013     | 0         | 59.8 | 62.4 | 58.5 | 168        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 16   | 50     | 28     | 1.004     | 0.049     | 1.68  | 0.02      | 0.016     | 0         | 60.2 | 61.9 | 57.6 | 168        | 174        | 0          | 28     | 30     |
| 2009 | 6     | 13  | 17   | 5      | 28     | 1.01      | 0.033     | 1.68  | 0.016     | 0.016     | 0         | 59.8 | 62.4 | 58   | 168        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 17   | 20     | 28     | 1.001     | 0.036     | 1.68  | 0.016     | 0.016     | 0         | 60.2 | 62.4 | 59.3 | 168        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 13  | 17   | 35     | 28     | 1.05      | 0.03      | 1.683 | 0.016     | 0.016     | 0         | 60.2 | 62.4 | 59.8 | 168        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 13  | 17   | 50     | 28     | 0.955     | 0.039     | 1.683 | 0.016     | 0.013     | 0         | 60.6 | 62.8 | 59.3 | 169        | 175        | 0          | 28     | 29     |
| 2009 | 6     | 13  | 18   | 5      | 28     | 0.873     | 0.007     | 1.68  | 0.02      | 0.016     | 0         | 59.8 | 62.4 | 54.2 | 168        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 18   | 20     | 28     | 0.932     | 0.01      | 1.68  | 0.016     | 0.016     | 0         | 60.6 | 62.8 | 54.2 | 169        | 175        | 0          | 28     | 29     |
| 2009 | 6     | 13  | 18   | 35     | 28     | 0.909     | 0.013     | 1.683 | 0.016     | 0.013     | 0         | 60.2 | 62.8 | 54.6 | 169        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 18   | 50     | 28     | 0.866     | 0.075     | 1.68  | 0.016     | 0.016     | 0         | 60.2 | 62.4 | 56.8 | 168        | 175        | 0          | 28     | 30     |
| 2009 | 6     | 13  | 19   | 5      | 28     | 0.873     | -0.007    | 1.68  | 0.016     | 0.013     | 0         | 60.2 | 62.8 | 52.9 | 168        | 175        | 0          | 28     | 29     |
| 2009 | 6     | 13  | 19   | 20     | 28     | 0.896     | 0         | 1.68  | 0.02      | 0.016     | 0         | 60.6 | 63.6 | 49.5 | 170        | 177        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 19   | 35     | 28     | 0.85      | 0.036     | 1.68  | 0.02      | 0.016     | 0         | 61.5 | 64.1 | 51.2 | 171        | 178        | 0          | 28     | 29     |
| 2009 | 6     | 13  | 19   | 50     | 28     | 0.909     | 0.069     | 1.677 | 0.016     | 0.013     | 0         | 61.1 | 63.6 | 52   | 171        | 177        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 20   | 5      | 28     | 0.925     | 0.026     | 1.677 | 0.016     | 0.016     | 0         | 61.5 | 63.6 | 53.3 | 171        | 177        | 0          | 28     | 29     |
| 2009 | 6     | 13  | 20   | 20     | 28     | 0.899     | 0.003     | 1.677 | 0.016     | 0.016     | 0         | 60.6 | 63.6 | 52.5 | 170        | 177        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 20   | 35     | 28     | 0.928     | 0.023     | 1.677 | 0.016     | 0.016     | 0         | 61.1 | 63.6 | 53.3 | 170        | 177        | 0          | 28     | 29     |
| 2009 | 6     | 13  | 20   | 50     | 28     | 0.909     | 0.02      | 1.673 | 0.016     | 0.013     | 0         | 60.6 | 63.6 | 53.3 | 170        | 177        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 21   | 5      | 28     | 0.912     | 0         | 1.673 | 0.016     | 0.013     | 0         | 61.1 | 63.2 | 54.2 | 170        | 177        | 0          | 28     | 30     |
| 2009 | 6     | 13  | 21   | 20     | 28     | 0.853     | -0.01     | 1.673 | 0.016     | 0.016     | 0         | 61.1 | 64.1 | 52.9 | 170        | 177        | 0          | 28     | 28     |
| 2009 | 6     | 13  | 21   | 35     | 28     | 0.912     | 0.013     | 1.673 | 0.02      | 0.016     | 0         | 60.2 | 63.2 | 53.3 | 169        | 176        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 21   | 50     | 28     | 0.896     | -0.046    | 1.673 | 0.016     | 0.016     | 0         | 60.6 | 63.2 | 53.8 | 170        | 176        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 22   | 5      | 28     | 0.958     | -0.007    | 1.673 | 0.016     | 0.016     | 0         | 61.1 | 63.2 | 54.2 | 170        | 176        | 0          | 28     | 29     |
| 2009 | 6     | 13  | 22   | 20     | 28     | 0.942     | 0.026     | 1.677 | 0.016     | 0.016     | 0         | 60.6 | 62.8 | 59.3 | 170        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 22   | 35     | 28     | 0.938     | 0.046     | 1.677 | 0.016     | 0.016     | 0         | 60.6 | 62.8 | 59.3 | 169        | 175        | 0          | 28     | 29     |
| 2009 | 6     | 13  | 22   | 50     | 28     | 0.892     | 0         | 1.677 | 0.02      | 0.016     | 0         | 60.6 | 62.4 | 59.3 | 169        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 13  | 23   | 5      | 28     | 0.919     | 0.01      | 1.677 | 0.016     | 0.013     | 0         | 60.2 | 62.8 | 56.3 | 169        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 23   | 20     | 28     | 0.912     | -0.003    | 1.677 | 0.016     | 0.016     | 0         | 60.2 | 62.8 | 55.9 | 169        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 23   | 35     | 28     | 0.856     | 0.023     | 1.677 | 0.016     | 0.016     | 0         | 60.6 | 63.2 | 55   | 170        | 175        | 0          | 29     | 28     |
| 2009 | 6     | 13  | 23   | 50     | 28     | 0.938     | 0.03      | 1.677 | 0.016     | 0.013     | 0         | 60.6 | 62.8 | 58   | 169        | 175        | 0          | 28     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 14  | 0    | 5      | 28     | 0.902     | -0.01     | 1.677 | 0.016     | 0.016     | 0         | 60.6 | 62.4 | 52   | 170        | 175        | 0          | 29     | 30     |
| 2009 | 6     | 14  | 0    | 20     | 28     | 0.902     | 0.026     | 1.677 | 0.016     | 0.013     | 0         | 61.1 | 62.8 | 52.9 | 170        | 175        | 0          | 28     | 29     |
| 2009 | 6     | 14  | 0    | 35     | 28     | 0.925     | -0.016    | 1.677 | 0.02      | 0.016     | 0         | 60.6 | 62.8 | 53.8 | 170        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 0    | 50     | 28     | 0.906     | 0.01      | 1.677 | 0.016     | 0.016     | 0         | 60.6 | 62.8 | 54.2 | 170        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 1    | 5      | 28     | 0.906     | -0.007    | 1.677 | 0.016     | 0.013     | 0         | 60.6 | 62.8 | 52.9 | 170        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 1    | 20     | 28     | 0.922     | -0.003    | 1.677 | 0.016     | 0.013     | 0         | 60.6 | 62.8 | 53.8 | 170        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 1    | 35     | 28     | 0.922     | -0.03     | 1.677 | 0.016     | 0.013     | 0         | 61.1 | 62.4 | 53.3 | 170        | 175        | 0          | 28     | 30     |
| 2009 | 6     | 14  | 1    | 50     | 28     | 0.837     | -0.01     | 1.677 | 0.016     | 0.016     | 0         | 60.6 | 62.8 | 52.9 | 170        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 2    | 5      | 28     | 0.902     | -0.013    | 1.68  | 0.02      | 0.016     | 0         | 60.6 | 62.4 | 53.3 | 170        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 2    | 20     | 28     | 0.909     | 0.007     | 1.677 | 0.016     | 0.016     | 0         | 60.6 | 61.9 | 53.8 | 170        | 174        | 0          | 29     | 30     |
| 2009 | 6     | 14  | 2    | 35     | 28     | 0.902     | -0.023    | 1.677 | 0.016     | 0.013     | 0         | 60.2 | 62.4 | 54.2 | 169        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 2    | 50     | 28     | 0.919     | 0.016     | 1.68  | 0.016     | 0.013     | 0         | 60.6 | 61.9 | 56.8 | 169        | 174        | 0          | 28     | 30     |
| 2009 | 6     | 14  | 3    | 5      | 28     | 0.837     | -0.02     | 1.68  | 0.016     | 0.013     | 0         | 60.2 | 62.4 | 54.6 | 169        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 3    | 20     | 28     | 0.906     | 0.01      | 1.68  | 0.016     | 0.016     | 0         | 60.2 | 62.4 | 55   | 169        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 3    | 35     | 28     | 0.906     | 0.01      | 1.683 | 0.016     | 0.016     | 0         | 60.2 | 62.4 | 53.8 | 169        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 3    | 50     | 28     | 0.899     | -0.013    | 1.683 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 54.2 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 4    | 5      | 28     | 0.869     | 0.039     | 1.683 | 0.016     | 0.013     | 0         | 60.2 | 62.4 | 53.3 | 169        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 4    | 20     | 28     | 0.912     | -0.016    | 1.683 | 0.016     | 0.013     | 0         | 60.2 | 62.4 | 52.5 | 169        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 4    | 35     | 28     | 0.912     | -0.007    | 1.686 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 54.6 | 169        | 174        | 0          | 29     | 30     |
| 2009 | 6     | 14  | 4    | 50     | 28     | 0.938     | 0         | 1.69  | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 59.8 | 169        | 174        | 0          | 29     | 30     |
| 2009 | 6     | 14  | 5    | 5      | 28     | 0.974     | 0.01      | 1.69  | 0.016     | 0.016     | 0         | 60.2 | 62.4 | 60.2 | 169        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 5    | 20     | 28     | 0.938     | 0.01      | 1.686 | 0.02      | 0.016     | 0         | 60.6 | 61.5 | 58.9 | 169        | 173        | 0          | 28     | 30     |
| 2009 | 6     | 14  | 5    | 35     | 28     | 0.919     | 0.049     | 1.69  | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 58.5 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 5    | 50     | 28     | 0.925     | -0.01     | 1.693 | 0.016     | 0.016     | 0         | 59.8 | 61.9 | 61.9 | 169        | 173        | 0          | 30     | 29     |
| 2009 | 6     | 14  | 6    | 5      | 28     | 0.965     | -0.01     | 1.693 | 0.016     | 0.013     | 0         | 59.8 | 61.5 | 62.4 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 6    | 20     | 28     | 0.961     | 0         | 1.693 | 0.016     | 0.013     | 0         | 59.8 | 61.9 | 62.4 | 168        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 6    | 35     | 28     | 0.961     | 0         | 1.693 | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 62.8 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 14  | 6    | 50     | 28     | 0.928     | 0.007     | 1.693 | 0.016     | 0.013     | 0         | 59.8 | 61.5 | 60.6 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 7    | 5      | 28     | 0.925     | 0.003     | 1.693 | 0.016     | 0.013     | 0         | 59.8 | 61.5 | 57.6 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 7    | 20     | 28     | 0.915     | 0.013     | 1.693 | 0.016     | 0.016     | 0         | 59.8 | 61.5 | 56.8 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 7    | 35     | 28     | 0.853     | -0.016    | 1.693 | 0.016     | 0.013     | 0         | 59.8 | 61.5 | 55.5 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 7    | 50     | 28     | 0.896     | -0.023    | 1.693 | 0.02      | 0.016     | 0         | 59.8 | 61.1 | 55   | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 14  | 8    | 5      | 28     | 0.899     | 0.003     | 1.693 | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 58   | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 14  | 8    | 20     | 28     | 0.876     | -0.02     | 1.693 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 56.8 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 14  | 8    | 35     | 28     | 0.915     | -0.013    | 1.693 | 0.016     | 0.013     | 0         | 59.8 | 61.5 | 57.2 | 168        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 14  | 8    | 50     | 28     | 0.869     | -0.046    | 1.693 | 0.016     | 0.016     | 0         | 59.3 | 61.1 | 61.1 | 168        | 172        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 9    | 5      | 28     | 0.896     | -0.007    | 1.693 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 60.6 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 14  | 9    | 20     | 28     | 0.899     | -0.003    | 1.693 | 0.016     | 0.016     | 0         | 59.3 | 61.5 | 62.4 | 167        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 9    | 35     | 28     | 0.906     | -0.013    | 1.693 | 0.016     | 0.013     | 0         | 59.3 | 61.1 | 59.8 | 167        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 14  | 9    | 50     | 28     | 0.948     | -0.01     | 1.693 | 0.016     | 0.016     | 0         | 59.3 | 61.1 | 63.6 | 167        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 14  | 10   | 5      | 28     | 0.968     | -0.003    | 1.696 | 0.016     | 0.016     | 0         | 59.3 | 61.1 | 64.5 | 167        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 14  | 10   | 20     | 28     | 0.902     | -0.046    | 1.696 | 0.016     | 0.013     | 0         | 59.3 | 61.5 | 64.9 | 167        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 10   | 35     | 28     | 0.935     | -0.003    | 1.696 | 0.016     | 0.013     | 0         | 58.9 | 61.1 | 64.9 | 166        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 10   | 50     | 28     | 0.981     | -0.007    | 1.696 | 0.016     | 0.016     | 0         | 59.3 | 61.5 | 64.5 | 167        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 11   | 5      | 28     | 1.01      | -0.007    | 1.696 | 0.013     | 0.01      | 0         | 59.3 | 61.1 | 64.1 | 167        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 14  | 11   | 20     | 28     | 1.033     | 0         | 1.696 | 0.016     | 0.016     | 0         | 58.9 | 61.1 | 64.9 | 166        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 11   | 35     | 28     | 1.04      | 0.003     | 1.696 | 0.016     | 0.016     | 0         | 59.3 | 61.1 | 64.5 | 167        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 11   | 50     | 28     | 1.033     | 0.013     | 1.696 | 0.016     | 0.016     | 0         | 59.3 | 61.1 | 64.9 | 167        | 172        | 0          | 29     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 14  | 12   | 5      | 28     | 0.988     | 0.03      | 1.696 | 0.016     | 0.013     | 0         | 59.3 | 61.1 | 64.1 | 167        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 14  | 12   | 20     | 28     | 1.024     | 0.003     | 1.699 | 0.016     | 0.013     | 0         | 59.3 | 61.1 | 63.2 | 167        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 14  | 12   | 35     | 28     | 1.03      | 0.026     | 1.699 | 0.016     | 0.013     | 0         | 58.9 | 61.1 | 62.4 | 166        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 12   | 50     | 28     | 1.007     | 0.003     | 1.699 | 0.016     | 0.016     | 0         | 59.3 | 61.5 | 63.6 | 167        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 13   | 5      | 28     | 1.024     | 0.013     | 1.699 | 0.016     | 0.013     | 0         | 58.9 | 61.1 | 63.6 | 166        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 13   | 20     | 28     | 1.027     | 0.026     | 1.699 | 0.016     | 0.013     | 0         | 59.3 | 61.5 | 64.1 | 167        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 13   | 35     | 28     | 1.066     | 0.033     | 1.699 | 0.016     | 0.013     | 0         | 59.3 | 61.5 | 63.6 | 167        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 13   | 50     | 28     | 1.02      | 0.03      | 1.696 | 0.016     | 0.013     | 0         | 59.3 | 61.1 | 62.4 | 167        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 14  | 14   | 5      | 28     | 1.001     | 0.026     | 1.696 | 0.016     | 0.016     | 0         | 59.3 | 60.6 | 63.2 | 167        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 14  | 14   | 20     | 28     | 1.063     | -0.013    | 1.699 | 0.016     | 0.016     | 0         | 59.8 | 61.5 | 62.8 | 167        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 14  | 14   | 35     | 28     | 1.03      | 0.036     | 1.699 | 0.02      | 0.016     | 0         | 59.3 | 61.9 | 61.9 | 167        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 14   | 50     | 28     | 1.03      | 0.03      | 1.699 | 0.02      | 0.016     | 0         | 59.3 | 61.9 | 62.8 | 167        | 172        | 0          | 29     | 28     |
| 2009 | 6     | 14  | 15   | 5      | 28     | 0.988     | 0.023     | 1.699 | 0.016     | 0.016     | 0         | 58.9 | 61.5 | 63.2 | 166        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 15   | 20     | 28     | 1.03      | -0.007    | 1.699 | 0.016     | 0.016     | 0         | 59.3 | 61.5 | 58.5 | 167        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 15   | 35     | 28     | 0.968     | 0.013     | 1.696 | 0.016     | 0.016     | 0         | 59.8 | 61.1 | 60.2 | 167        | 172        | 0          | 28     | 30     |
| 2009 | 6     | 14  | 15   | 50     | 28     | 1.03      | 0.016     | 1.699 | 0.016     | 0.013     | 0         | 59.3 | 61.9 | 62.8 | 167        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 16   | 5      | 28     | 1.017     | 0.036     | 1.699 | 0.016     | 0.013     | 0         | 59.3 | 61.9 | 61.9 | 167        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 16   | 20     | 28     | 1.017     | 0.01      | 1.699 | 0.016     | 0.016     | 0         | 59.3 | 61.9 | 61.5 | 167        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 16   | 35     | 28     | 1.04      | 0.023     | 1.696 | 0.016     | 0.016     | 0         | 59.8 | 61.9 | 61.5 | 167        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 14  | 16   | 50     | 28     | 1.06      | 0.01      | 1.699 | 0.016     | 0.016     | 0         | 59.3 | 61.5 | 61.5 | 167        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 17   | 5      | 28     | 1.05      | 0.043     | 1.696 | 0.016     | 0.016     | 0         | 59.3 | 61.9 | 60.6 | 167        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 17   | 20     | 28     | 1.007     | 0.046     | 1.699 | 0.016     | 0.013     | 0         | 59.8 | 61.5 | 61.5 | 167        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 14  | 17   | 35     | 28     | 1.066     | -0.013    | 1.699 | 0.016     | 0.016     | 0         | 59.3 | 61.9 | 61.9 | 167        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 17   | 50     | 28     | 1.004     | 0.003     | 1.699 | 0.016     | 0.016     | 0         | 59.3 | 61.5 | 63.2 | 167        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 18   | 5      | 28     | 1.007     | 0         | 1.699 | 0.016     | 0.013     | 0         | 59.3 | 61.9 | 61.9 | 167        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 18   | 20     | 28     | 1.017     | 0         | 1.699 | 0.016     | 0.016     | 0         | 59.3 | 61.5 | 61.9 | 167        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 18   | 35     | 28     | 1.02      | 0         | 1.699 | 0.016     | 0.013     | 0         | 59.3 | 61.9 | 62.4 | 167        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 18   | 50     | 28     | 0.994     | 0.013     | 1.699 | 0.016     | 0.013     | 0         | 59.3 | 61.9 | 62.8 | 167        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 19   | 5      | 28     | 1.01      | 0.013     | 1.699 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 63.2 | 168        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 14  | 19   | 20     | 28     | 0.991     | -0.013    | 1.699 | 0.016     | 0.013     | 0         | 59.8 | 61.9 | 62.4 | 168        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 19   | 35     | 28     | 0.945     | 0.033     | 1.703 | 0.02      | 0.016     | 0         | 59.8 | 61.9 | 63.2 | 168        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 19   | 50     | 28     | 1.001     | 0.013     | 1.703 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 62.4 | 168        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 14  | 20   | 5      | 28     | 1.007     | 0.013     | 1.703 | 0.016     | 0.013     | 0         | 60.2 | 62.4 | 61.9 | 168        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 14  | 20   | 20     | 28     | 0.945     | 0.003     | 1.703 | 0.02      | 0.016     | 0         | 60.2 | 62.4 | 63.2 | 169        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 20   | 35     | 28     | 1.007     | -0.023    | 1.703 | 0.02      | 0.016     | 0         | 60.2 | 62.4 | 62.8 | 168        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 14  | 20   | 50     | 28     | 0.984     | -0.01     | 1.703 | 0.016     | 0.013     | 0         | 60.2 | 62.4 | 62.8 | 169        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 21   | 5      | 28     | 0.988     | 0         | 1.703 | 0.016     | 0.016     | 0         | 60.6 | 63.2 | 62.4 | 169        | 175        | 0          | 28     | 28     |
| 2009 | 6     | 14  | 21   | 20     | 28     | 1.017     | -0.003    | 1.703 | 0.016     | 0.016     | 0         | 61.1 | 62.8 | 62.4 | 170        | 175        | 0          | 28     | 29     |
| 2009 | 6     | 14  | 21   | 35     | 28     | 0.974     | 0.026     | 1.703 | 0.016     | 0.016     | 0         | 60.2 | 62.8 | 63.2 | 169        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 21   | 50     | 28     | 0.991     | 0.046     | 1.703 | 0.016     | 0.013     | 0         | 61.1 | 62.4 | 62.4 | 170        | 175        | 0          | 28     | 30     |
| 2009 | 6     | 14  | 22   | 5      | 28     | 0.965     | 0.007     | 1.703 | 0.02      | 0.016     | 0         | 61.1 | 62.8 | 62.8 | 170        | 175        | 0          | 28     | 29     |
| 2009 | 6     | 14  | 22   | 20     | 28     | 1.001     | 0         | 1.703 | 0.016     | 0.013     | 0         | 60.6 | 62.4 | 62.8 | 170        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 22   | 35     | 28     | 0.978     | -0.039    | 1.703 | 0.016     | 0.016     | 0         | 61.1 | 61.9 | 62.8 | 170        | 174        | 0          | 28     | 30     |
| 2009 | 6     | 14  | 22   | 50     | 28     | 1.03      | 0.016     | 1.706 | 0.016     | 0.016     | 0         | 60.6 | 62.4 | 63.2 | 169        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 14  | 23   | 5      | 28     | 0.997     | 0.023     | 1.703 | 0.016     | 0.016     | 0         | 60.2 | 62.4 | 63.6 | 169        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 23   | 20     | 28     | 1.03      | 0.049     | 1.706 | 0.016     | 0.013     | 0         | 60.6 | 62.4 | 63.6 | 170        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 23   | 35     | 28     | 0.974     | -0.01     | 1.706 | 0.02      | 0.016     | 0         | 60.2 | 62.4 | 63.2 | 169        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 23   | 50     | 28     | 1.033     | 0.003     | 1.706 | 0.02      | 0.016     | 0         | 60.2 | 61.9 | 63.6 | 169        | 173        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 15  | 0    | 5      | 28     | 0.968     | 0.03      | 1.706 | 0.016     | 0.016     | 0         | 60.6 | 61.9 | 63.6 | 169        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 15  | 0    | 20     | 28     | 0.922     | 0.023     | 1.706 | 0.02      | 0.016     | 0         | 60.2 | 61.9 | 63.2 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 0    | 35     | 28     | 0.994     | 0.026     | 1.706 | 0.02      | 0.016     | 0         | 60.6 | 62.4 | 62.8 | 169        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 15  | 0    | 50     | 28     | 1.001     | 0.01      | 1.706 | 0.016     | 0.016     | 0         | 60.2 | 62.4 | 62.8 | 169        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 1    | 5      | 28     | 1.04      | 0.023     | 1.706 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 63.2 | 169        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 1    | 20     | 28     | 1.024     | 0.039     | 1.706 | 0.016     | 0.016     | 0         | 60.6 | 62.4 | 63.2 | 169        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 15  | 1    | 35     | 28     | 1.007     | 0         | 1.706 | 0.02      | 0.016     | 0         | 60.6 | 62.4 | 62.4 | 170        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 1    | 50     | 28     | 1.037     | 0.036     | 1.706 | 0.016     | 0.013     | 0         | 60.6 | 62.4 | 63.2 | 170        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 2    | 5      | 28     | 0.991     | -0.026    | 1.706 | 0.016     | 0.013     | 0         | 60.6 | 62.4 | 62.8 | 170        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 2    | 20     | 28     | 0.965     | 0.023     | 1.706 | 0.016     | 0.016     | 0         | 61.1 | 62.8 | 62.8 | 170        | 174        | 0          | 28     | 28     |
| 2009 | 6     | 15  | 2    | 35     | 28     | 0.978     | 0.013     | 1.706 | 0.016     | 0.016     | 0         | 60.6 | 62.4 | 62.8 | 170        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 2    | 50     | 28     | 0.938     | 0.03      | 1.706 | 0.016     | 0.013     | 0         | 61.1 | 62.4 | 63.2 | 170        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 15  | 3    | 5      | 28     | 0.974     | 0.03      | 1.706 | 0.016     | 0.013     | 0         | 60.2 | 62.4 | 63.6 | 169        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 3    | 20     | 28     | 1.001     | 0.013     | 1.706 | 0.016     | 0.016     | 0         | 60.6 | 62.4 | 62.4 | 170        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 3    | 35     | 28     | 1.017     | 0.016     | 1.706 | 0.016     | 0.013     | 0         | 60.2 | 62.4 | 62.8 | 169        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 3    | 50     | 28     | 0.994     | 0.013     | 1.709 | 0.016     | 0.016     | 0         | 60.6 | 62.4 | 62.4 | 169        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 15  | 4    | 5      | 28     | 1.024     | -0.016    | 1.706 | 0.016     | 0.016     | 0         | 60.6 | 61.9 | 63.2 | 169        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 15  | 4    | 20     | 28     | 0.981     | -0.007    | 1.706 | 0.016     | 0.013     | 0         | 61.1 | 61.9 | 62.4 | 169        | 174        | 0          | 27     | 30     |
| 2009 | 6     | 15  | 4    | 35     | 28     | 1.02      | 0.003     | 1.709 | 0.016     | 0.013     | 0         | 60.2 | 62.4 | 62.4 | 169        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 4    | 50     | 28     | 1.004     | 0         | 1.709 | 0.02      | 0.016     | 0         | 60.6 | 62.4 | 62.4 | 170        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 5    | 5      | 28     | 0.981     | -0.036    | 1.709 | 0.016     | 0.016     | 0         | 60.6 | 61.9 | 61.9 | 169        | 174        | 0          | 28     | 30     |
| 2009 | 6     | 15  | 5    | 20     | 28     | 1.007     | 0.02      | 1.709 | 0.016     | 0.016     | 0         | 60.6 | 62.4 | 61.9 | 170        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 5    | 35     | 28     | 1.017     | -0.007    | 1.709 | 0.016     | 0.016     | 0         | 61.1 | 62.8 | 61.1 | 170        | 175        | 0          | 28     | 29     |
| 2009 | 6     | 15  | 5    | 50     | 28     | 0.961     | 0.003     | 1.709 | 0.016     | 0.016     | 0         | 60.6 | 62.8 | 61.1 | 170        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 6    | 5      | 28     | 0.955     | -0.052    | 1.709 | 0.016     | 0.016     | 0         | 60.6 | 62.8 | 60.6 | 170        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 6    | 20     | 28     | 1.04      | 0.003     | 1.709 | 0.016     | 0.016     | 0         | 60.6 | 62.4 | 61.1 | 170        | 175        | 0          | 29     | 30     |
| 2009 | 6     | 15  | 6    | 35     | 28     | 0.974     | -0.007    | 1.709 | 0.02      | 0.016     | 0         | 60.6 | 61.9 | 61.5 | 170        | 174        | 0          | 29     | 30     |
| 2009 | 6     | 15  | 6    | 50     | 28     | 0.965     | 0.03      | 1.709 | 0.02      | 0.016     | 0         | 60.6 | 62.4 | 61.1 | 170        | 175        | 0          | 29     | 30     |
| 2009 | 6     | 15  | 7    | 5      | 28     | 0.965     | 0         | 1.709 | 0.016     | 0.016     | 0         | 61.1 | 62.8 | 60.6 | 170        | 175        | 0          | 28     | 29     |
| 2009 | 6     | 15  | 7    | 20     | 28     | 0.968     | 0.023     | 1.709 | 0.016     | 0.013     | 0         | 60.6 | 62.4 | 60.6 | 170        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 7    | 35     | 28     | 0.912     | 0.03      | 1.709 | 0.016     | 0.016     | 0         | 61.1 | 63.2 | 60.6 | 171        | 176        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 7    | 50     | 28     | 0.942     | 0.01      | 1.713 | 0.016     | 0.013     | 0         | 60.6 | 62.4 | 60.2 | 170        | 175        | 0          | 29     | 30     |
| 2009 | 6     | 15  | 8    | 5      | 28     | 0.942     | 0         | 1.713 | 0.016     | 0.013     | 0         | 60.6 | 62.8 | 60.2 | 170        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 8    | 20     | 28     | 0.925     | 0         | 1.709 | 0.016     | 0.016     | 0         | 60.2 | 62.4 | 60.2 | 170        | 174        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 8    | 35     | 28     | 0.948     | 0         | 1.713 | 0.016     | 0.013     | 0         | 60.2 | 62.8 | 60.2 | 170        | 175        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 8    | 50     | 28     | 0.899     | 0.003     | 1.722 | 0.016     | 0.016     | 0         | 60.2 | 60.2 | 68.8 | 169        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 15  | 9    | 5      | 28     | 0.932     | -0.026    | 1.732 | 0.02      | 0.016     | 0         | 60.2 | 60.2 | 76.5 | 169        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 9    | 20     | 28     | 0.938     | 0.026     | 1.732 | 0.016     | 0.013     | 0         | 60.2 | 60.2 | 76.5 | 169        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 15  | 9    | 35     | 28     | 0.915     | -0.013    | 1.732 | 0.02      | 0.016     | 0         | 59.8 | 60.2 | 74.4 | 168        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 9    | 50     | 28     | 0.912     | -0.016    | 1.732 | 0.016     | 0.013     | 0         | 59.3 | 61.9 | 78.3 | 167        | 174        | 0          | 29     | 30     |
| 2009 | 6     | 15  | 10   | 5      | 28     | 0.909     | 0.03      | 1.729 | 0.016     | 0.013     | 0         | 58.9 | 62.4 | 75.7 | 166        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 10   | 20     | 28     | 0.984     | 0.01      | 1.729 | 0.016     | 0.013     | 0         | 59.8 | 62.4 | 73.1 | 168        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 10   | 35     | 28     | 0.945     | 0.007     | 1.726 | 0.016     | 0.013     | 0         | 59.8 | 61.9 | 68.8 | 168        | 174        | 0          | 29     | 30     |
| 2009 | 6     | 15  | 10   | 50     | 28     | 0.994     | -0.016    | 1.713 | 0.02      | 0.016     | 0         | 60.2 | 62.4 | 63.2 | 169        | 175        | 0          | 29     | 30     |
| 2009 | 6     | 15  | 11   | 5      | 28     | 0.961     | 0.013     | 1.709 | 0.016     | 0.016     | 0         | 60.2 | 62.8 | 61.9 | 169        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 11   | 20     | 28     | 0.994     | 0.007     | 1.709 | 0.016     | 0.013     | 0         | 60.2 | 62.8 | 61.5 | 169        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 11   | 35     | 28     | 0.925     | 0.01      | 1.706 | 0.02      | 0.016     | 0         | 60.2 | 62.8 | 61.5 | 169        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 11   | 50     | 28     | 0.984     | 0.01      | 1.709 | 0.016     | 0.016     | 0         | 60.2 | 62.4 | 61.5 | 169        | 175        | 0          | 29     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 15  | 12   | 5      | 28     | 0.968     | 0.016     | 1.709 | 0.016     | 0.013     | 0         | 59.8 | 62.8 | 62.8 | 168        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 12   | 20     | 28     | 0.932     | -0.007    | 1.706 | 0.016     | 0.016     | 0         | 59.8 | 62.8 | 61.9 | 168        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 12   | 35     | 28     | 1.007     | 0.016     | 1.706 | 0.016     | 0.016     | 0         | 60.2 | 63.2 | 61.5 | 169        | 176        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 12   | 50     | 28     | 0.984     | -0.013    | 1.706 | 0.016     | 0.013     | 0         | 60.2 | 62.4 | 61.9 | 168        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 15  | 13   | 5      | 28     | 1.01      | 0.026     | 1.706 | 0.016     | 0.013     | 0         | 59.8 | 61.9 | 61.9 | 168        | 174        | 0          | 29     | 30     |
| 2009 | 6     | 15  | 13   | 20     | 28     | 0.974     | 0.033     | 1.706 | 0.016     | 0.013     | 0         | 60.2 | 62.4 | 61.5 | 168        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 15  | 13   | 35     | 28     | 1.01      | 0.01      | 1.706 | 0.02      | 0.016     | 0         | 59.8 | 62.4 | 62.8 | 168        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 13   | 50     | 28     | 0.955     | 0.01      | 1.706 | 0.016     | 0.013     | 0         | 58   | 61.9 | 62.4 | 164        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 14   | 5      | 28     | 1.037     | 0.01      | 1.706 | 0.016     | 0.016     | 0         | 59.3 | 62.4 | 62.4 | 167        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 14   | 20     | 28     | 1.007     | 0.039     | 1.706 | 0.016     | 0.013     | 0         | 58.9 | 61.9 | 61.9 | 166        | 174        | 0          | 29     | 30     |
| 2009 | 6     | 15  | 14   | 35     | 28     | 0.968     | -0.007    | 1.706 | 0.016     | 0.013     | 0         | 58.9 | 62.4 | 62.8 | 165        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 15  | 14   | 50     | 28     | 0.886     | 0.013     | 1.706 | 0.016     | 0.013     | 0         | 58.9 | 62.4 | 60.6 | 165        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 15  | 15   | 5      | 28     | 0.951     | 0.013     | 1.706 | 0.016     | 0.013     | 0         | 59.3 | 62.4 | 59.3 | 167        | 175        | 0          | 29     | 30     |
| 2009 | 6     | 15  | 15   | 20     | 28     | 0.892     | 0.049     | 1.706 | 0.02      | 0.016     | 0         | 59.8 | 63.2 | 59.3 | 167        | 176        | 0          | 28     | 29     |
| 2009 | 6     | 15  | 15   | 35     | 28     | 0.843     | 0         | 1.706 | 0.016     | 0.016     | 0         | 60.2 | 63.2 | 58.9 | 168        | 177        | 0          | 28     | 30     |
| 2009 | 6     | 15  | 15   | 50     | 28     | 0.919     | 0.039     | 1.706 | 0.016     | 0.016     | 0         | 59.8 | 63.2 | 60.2 | 168        | 176        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 16   | 5      | 28     | 0.873     | 0         | 1.706 | 0.016     | 0.016     | 0         | 59.3 | 63.2 | 59.3 | 167        | 176        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 16   | 20     | 28     | 0.932     | -0.013    | 1.706 | 0.016     | 0.016     | 0         | 59.3 | 63.2 | 61.1 | 166        | 176        | 0          | 28     | 29     |
| 2009 | 6     | 15  | 16   | 35     | 28     | 0.915     | 0.049     | 1.706 | 0.016     | 0.016     | 0         | 59.3 | 63.2 | 61.5 | 167        | 176        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 16   | 50     | 28     | 0.997     | 0.026     | 1.706 | 0.016     | 0.013     | 0         | 58.5 | 62.8 | 62.4 | 165        | 176        | 0          | 29     | 30     |
| 2009 | 6     | 15  | 17   | 5      | 28     | 0.909     | -0.016    | 1.703 | 0.016     | 0.016     | 0         | 59.8 | 63.2 | 57.6 | 167        | 176        | 0          | 28     | 29     |
| 2009 | 6     | 15  | 17   | 20     | 28     | 0.896     | 0.013     | 1.706 | 0.016     | 0.016     | 0         | 59.8 | 63.6 | 60.6 | 168        | 177        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 17   | 35     | 28     | 0.866     | 0.016     | 1.706 | 0.016     | 0.016     | 0         | 59.8 | 63.6 | 60.6 | 168        | 177        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 17   | 50     | 28     | 0.928     | 0.026     | 1.703 | 0.016     | 0.016     | 0         | 60.2 | 63.2 | 61.5 | 168        | 176        | 0          | 28     | 29     |
| 2009 | 6     | 15  | 18   | 5      | 28     | 0.991     | -0.023    | 1.703 | 0.016     | 0.013     | 0         | 59.8 | 62.8 | 61.9 | 168        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 18   | 20     | 28     | 0.961     | 0.01      | 1.703 | 0.016     | 0.016     | 0         | 59.3 | 63.2 | 61.1 | 167        | 176        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 18   | 35     | 28     | 0.876     | -0.013    | 1.706 | 0.02      | 0.016     | 0         | 59.3 | 63.2 | 61.9 | 167        | 176        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 18   | 50     | 28     | 0.912     | 0.02      | 1.706 | 0.016     | 0.016     | 0         | 58.9 | 62.8 | 62.8 | 167        | 176        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 19   | 5      | 28     | 0.965     | 0.036     | 1.703 | 0.016     | 0.016     | 0         | 58.9 | 63.2 | 62.8 | 166        | 176        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 19   | 20     | 28     | 0.837     | 0.043     | 1.703 | 0.016     | 0.016     | 0         | 59.8 | 63.6 | 52.9 | 168        | 177        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 19   | 35     | 28     | 0.846     | 0.013     | 1.699 | 0.016     | 0.013     | 0         | 59.8 | 64.1 | 51.2 | 169        | 178        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 19   | 50     | 28     | 0.86      | -0.03     | 1.699 | 0.02      | 0.016     | 0         | 60.6 | 64.5 | 49.5 | 170        | 179        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 20   | 5      | 28     | 0.823     | 0         | 1.699 | 0.016     | 0.013     | 0         | 60.6 | 64.9 | 48.2 | 170        | 180        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 20   | 20     | 28     | 0.84      | 0.013     | 1.693 | 0.016     | 0.013     | 0         | 61.1 | 64.9 | 48.2 | 171        | 180        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 20   | 35     | 28     | 0.85      | -0.023    | 1.696 | 0.016     | 0.013     | 0         | 61.1 | 64.9 | 49.5 | 171        | 181        | 0          | 29     | 30     |
| 2009 | 6     | 15  | 20   | 50     | 28     | 0.886     | 0.03      | 1.696 | 0.016     | 0.013     | 0         | 61.5 | 64.5 | 49.5 | 171        | 180        | 0          | 28     | 30     |
| 2009 | 6     | 15  | 21   | 5      | 28     | 0.843     | 0.03      | 1.696 | 0.016     | 0.016     | 0         | 61.5 | 64.9 | 49   | 172        | 180        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 21   | 20     | 28     | 0.856     | -0.02     | 1.696 | 0.016     | 0.016     | 0         | 61.5 | 64.9 | 50.7 | 172        | 180        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 21   | 35     | 28     | 0.853     | 0.02      | 1.696 | 0.016     | 0.016     | 0         | 61.5 | 64.9 | 50.3 | 172        | 180        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 21   | 50     | 28     | 0.853     | 0.02      | 1.693 | 0.016     | 0.016     | 0         | 61.5 | 64.5 | 51.2 | 172        | 179        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 22   | 5      | 28     | 0.846     | -0.013    | 1.696 | 0.016     | 0.013     | 0         | 61.1 | 64.5 | 51.2 | 171        | 179        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 22   | 20     | 28     | 0.833     | 0.043     | 1.696 | 0.016     | 0.013     | 0         | 60.6 | 64.1 | 52.5 | 170        | 178        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 22   | 35     | 28     | 0.86      | -0.016    | 1.693 | 0.016     | 0.016     | 0         | 61.1 | 63.6 | 52   | 170        | 177        | 0          | 28     | 29     |
| 2009 | 6     | 15  | 22   | 50     | 28     | 0.827     | 0         | 1.696 | 0.016     | 0.013     | 0         | 60.6 | 63.6 | 52.9 | 170        | 177        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 23   | 5      | 28     | 0.823     | -0.01     | 1.693 | 0.016     | 0.013     | 0         | 60.6 | 63.2 | 51.6 | 170        | 177        | 0          | 29     | 30     |
| 2009 | 6     | 15  | 23   | 20     | 28     | 0.853     | -0.01     | 1.696 | 0.016     | 0.016     | 0         | 60.6 | 62.8 | 52.9 | 170        | 176        | 0          | 29     | 30     |
| 2009 | 6     | 15  | 23   | 35     | 28     | 0.83      | -0.003    | 1.693 | 0.016     | 0.013     | 0         | 60.2 | 63.6 | 52   | 169        | 177        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 23   | 50     | 28     | 0.846     | -0.003    | 1.693 | 0.016     | 0.013     | 0         | 60.6 | 63.6 | 52   | 170        | 177        | 0          | 29     | 29     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 16  | 0    | 5      | 28     | 0.843     | -0.033    | 1.693 | 0.016     | 0.016     | 0         | 60.2 | 62.8 | 52.5 | 169        | 176        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 0    | 20     | 28     | 0.883     | 0         | 1.693 | 0.016     | 0.016     | 0         | 60.6 | 62.8 | 55   | 169        | 176        | 0          | 28     | 30     |
| 2009 | 6     | 16  | 0    | 35     | 28     | 0.869     | 0.007     | 1.693 | 0.016     | 0.016     | 0         | 61.1 | 63.2 | 54.2 | 171        | 176        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 0    | 50     | 28     | 0.853     | -0.023    | 1.696 | 0.016     | 0.013     | 0         | 61.1 | 63.2 | 55.9 | 171        | 176        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 1    | 5      | 28     | 0.892     | 0.03      | 1.696 | 0.016     | 0.013     | 0         | 61.1 | 63.2 | 56.3 | 171        | 176        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 1    | 20     | 28     | 0.804     | 0.013     | 1.696 | 0.016     | 0.013     | 0         | 61.1 | 63.2 | 54.2 | 170        | 176        | 0          | 28     | 29     |
| 2009 | 6     | 16  | 1    | 35     | 28     | 0.876     | 0         | 1.693 | 0.016     | 0.013     | 0         | 60.6 | 63.2 | 54.6 | 170        | 176        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 1    | 50     | 28     | 0.876     | 0         | 1.693 | 0.016     | 0.016     | 0         | 60.2 | 62.8 | 54.2 | 169        | 176        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 2    | 5      | 28     | 0.827     | -0.039    | 1.693 | 0.016     | 0.016     | 0         | 60.2 | 63.2 | 54.2 | 169        | 176        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 2    | 20     | 28     | 0.863     | 0.016     | 1.693 | 0.016     | 0.016     | 0         | 60.6 | 63.6 | 54.6 | 170        | 177        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 2    | 35     | 28     | 0.843     | 0         | 1.696 | 0.016     | 0.013     | 0         | 60.6 | 63.2 | 56.8 | 170        | 176        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 2    | 50     | 28     | 0.866     | 0.026     | 1.696 | 0.02      | 0.016     | 0         | 61.1 | 63.6 | 56.8 | 171        | 177        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 3    | 5      | 28     | 0.909     | -0.03     | 1.696 | 0.02      | 0.016     | 0         | 60.2 | 62.8 | 60.2 | 169        | 176        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 3    | 20     | 28     | 0.892     | 0.023     | 1.696 | 0.016     | 0.013     | 0         | 61.1 | 63.2 | 61.1 | 171        | 176        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 3    | 35     | 28     | 0.889     | 0.007     | 1.696 | 0.016     | 0.016     | 0         | 61.1 | 62.8 | 61.9 | 171        | 176        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 3    | 50     | 28     | 0.853     | 0.01      | 1.696 | 0.016     | 0.016     | 0         | 60.6 | 62.8 | 59.8 | 170        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 4    | 5      | 28     | 0.906     | 0.016     | 1.696 | 0.016     | 0.013     | 0         | 60.2 | 62.4 | 60.6 | 169        | 175        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 4    | 20     | 28     | 0.873     | -0.007    | 1.696 | 0.016     | 0.016     | 0         | 60.2 | 62.4 | 61.1 | 169        | 175        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 4    | 35     | 28     | 0.902     | 0.016     | 1.699 | 0.02      | 0.016     | 0         | 60.2 | 62.4 | 61.5 | 169        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 4    | 50     | 28     | 0.886     | 0.023     | 1.699 | 0.016     | 0.016     | 0         | 59.8 | 62.4 | 60.6 | 169        | 175        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 5    | 5      | 28     | 0.883     | 0.02      | 1.699 | 0.016     | 0.013     | 0         | 60.2 | 62.4 | 59.3 | 169        | 175        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 5    | 20     | 28     | 0.902     | 0.013     | 1.699 | 0.016     | 0.016     | 0         | 60.6 | 63.2 | 59.8 | 170        | 176        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 5    | 35     | 28     | 0.919     | -0.01     | 1.699 | 0.016     | 0.013     | 0         | 59.8 | 63.2 | 58.9 | 168        | 176        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 5    | 50     | 28     | 0.876     | -0.01     | 1.699 | 0.016     | 0.013     | 0         | 59.8 | 63.2 | 59.3 | 168        | 176        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 6    | 5      | 28     | 0.896     | 0         | 1.699 | 0.016     | 0.013     | 0         | 59.3 | 62.4 | 61.1 | 167        | 175        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 6    | 20     | 28     | 0.879     | 0         | 1.699 | 0.02      | 0.016     | 0         | 59.8 | 61.9 | 61.5 | 168        | 174        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 6    | 35     | 28     | 0.883     | -0.01     | 1.699 | 0.016     | 0.013     | 0         | 59.8 | 61.9 | 61.9 | 168        | 174        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 6    | 50     | 28     | 0.892     | 0.013     | 1.699 | 0.016     | 0.013     | 0         | 59.3 | 61.5 | 61.5 | 166        | 173        | 0          | 28     | 30     |
| 2009 | 6     | 16  | 7    | 5      | 28     | 0.883     | -0.03     | 1.699 | 0.02      | 0.016     | 0         | 58.9 | 61.9 | 62.4 | 166        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 7    | 20     | 28     | 0.886     | 0.013     | 1.699 | 0.016     | 0.016     | 0         | 58.9 | 61.1 | 62.4 | 166        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 7    | 35     | 28     | 0.876     | -0.036    | 1.699 | 0.016     | 0.013     | 0         | 58.9 | 61.5 | 61.9 | 166        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 7    | 50     | 28     | 0.886     | -0.01     | 1.699 | 0.016     | 0.013     | 0         | 58.9 | 61.5 | 62.4 | 166        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 8    | 5      | 28     | 0.866     | -0.03     | 1.699 | 0.016     | 0.013     | 0         | 58.9 | 61.1 | 62.8 | 166        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 8    | 20     | 28     | 0.886     | 0.02      | 1.699 | 0.016     | 0.016     | 0         | 58.9 | 61.1 | 62.4 | 166        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 8    | 35     | 28     | 0.853     | -0.026    | 1.699 | 0.016     | 0.016     | 0         | 58.9 | 61.5 | 61.1 | 166        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 8    | 50     | 28     | 0.902     | -0.02     | 1.699 | 0.016     | 0.013     | 0         | 58.9 | 61.5 | 60.6 | 166        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 9    | 5      | 28     | 0.833     | -0.03     | 1.699 | 0.016     | 0.016     | 0         | 58.9 | 61.1 | 60.2 | 166        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 9    | 20     | 28     | 0.889     | -0.016    | 1.699 | 0.016     | 0.013     | 0         | 58.5 | 61.5 | 59.3 | 166        | 172        | 0          | 30     | 29     |
| 2009 | 6     | 16  | 9    | 35     | 28     | 0.863     | -0.033    | 1.699 | 0.016     | 0.016     | 0         | 58.5 | 61.1 | 58.5 | 165        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 9    | 50     | 28     | 0.873     | -0.016    | 1.699 | 0.02      | 0.016     | 0         | 58.5 | 61.5 | 58.9 | 165        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 10   | 5      | 28     | 0.892     | -0.036    | 1.699 | 0.016     | 0.016     | 0         | 58.5 | 61.1 | 59.8 | 165        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 10   | 20     | 28     | 0.869     | -0.043    | 1.699 | 0.016     | 0.013     | 0         | 58   | 60.6 | 60.2 | 165        | 171        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 10   | 35     | 28     | 0.892     | -0.036    | 1.699 | 0.02      | 0.016     | 0         | 58.5 | 61.1 | 62.8 | 165        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 10   | 50     | 28     | 0.922     | -0.039    | 1.699 | 0.016     | 0.016     | 0         | 58.5 | 61.1 | 63.2 | 165        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 11   | 5      | 28     | 0.873     | -0.016    | 1.703 | 0.016     | 0.016     | 0         | 58.5 | 60.6 | 63.2 | 165        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 11   | 20     | 28     | 0.876     | -0.036    | 1.703 | 0.016     | 0.013     | 0         | 58.5 | 61.1 | 62.8 | 165        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 11   | 35     | 28     | 0.945     | -0.043    | 1.703 | 0.016     | 0.013     | 0         | 58.9 | 61.1 | 64.1 | 166        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 11   | 50     | 28     | 0.915     | -0.046    | 1.703 | 0.016     | 0.013     | 0         | 58.9 | 61.1 | 63.6 | 166        | 172        | 0          | 29     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 16  | 12   | 5      | 28     | 0.912     | -0.049    | 1.703 | 0.016     | 0.016     | 0         | 59.3 | 61.1 | 62.8 | 167        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 12   | 20     | 28     | 0.942     | -0.013    | 1.703 | 0.016     | 0.013     | 0         | 58.9 | 61.1 | 63.6 | 166        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 12   | 35     | 28     | 0.974     | -0.036    | 1.703 | 0.016     | 0.016     | 0         | 58   | 61.1 | 62.8 | 165        | 172        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 12   | 50     | 28     | 0.879     | -0.046    | 1.703 | 0.02      | 0.016     | 0         | 58.5 | 61.1 | 63.6 | 165        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 13   | 5      | 28     | 0.863     | -0.02     | 1.706 | 0.016     | 0.016     | 0         | 58.5 | 61.5 | 63.6 | 165        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 13   | 20     | 28     | 0.925     | -0.039    | 1.706 | 0.016     | 0.013     | 0         | 58.9 | 61.5 | 63.2 | 166        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 13   | 35     | 28     | 0.935     | -0.056    | 1.706 | 0.016     | 0.016     | 0         | 58.9 | 61.1 | 63.6 | 165        | 172        | 0          | 28     | 30     |
| 2009 | 6     | 16  | 13   | 50     | 28     | 0.945     | -0.039    | 1.706 | 0.016     | 0.013     | 0         | 59.3 | 61.5 | 63.6 | 167        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 14   | 5      | 28     | 0.951     | -0.03     | 1.703 | 0.016     | 0.016     | 0         | 58.5 | 61.1 | 64.1 | 165        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 14   | 20     | 28     | 0.915     | -0.026    | 1.703 | 0.016     | 0.016     | 0         | 58.5 | 61.5 | 63.6 | 165        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 14   | 35     | 28     | 0.994     | -0.036    | 1.703 | 0.016     | 0.013     | 0         | 59.3 | 61.9 | 63.6 | 166        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 16  | 14   | 50     | 28     | 0.948     | -0.062    | 1.703 | 0.02      | 0.016     | 0         | 59.3 | 61.9 | 63.6 | 166        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 16  | 15   | 5      | 28     | 0.902     | -0.026    | 1.703 | 0.016     | 0.013     | 0         | 58.9 | 61.9 | 63.6 | 166        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 15   | 20     | 28     | 0.919     | -0.046    | 1.703 | 0.016     | 0.016     | 0         | 58.9 | 61.5 | 63.6 | 166        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 15   | 35     | 28     | 0.886     | -0.043    | 1.703 | 0.016     | 0.013     | 0         | 59.3 | 61.5 | 63.6 | 167        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 15   | 50     | 28     | 0.906     | -0.013    | 1.706 | 0.016     | 0.016     | 0         | 58.9 | 61.9 | 63.2 | 166        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 16   | 5      | 28     | 0.965     | -0.056    | 1.703 | 0.016     | 0.013     | 0         | 59.8 | 61.9 | 63.2 | 167        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 16  | 16   | 20     | 28     | 0.971     | -0.013    | 1.706 | 0.016     | 0.016     | 0         | 58.9 | 61.5 | 63.2 | 165        | 173        | 0          | 28     | 30     |
| 2009 | 6     | 16  | 16   | 35     | 28     | 0.925     | 0.003     | 1.703 | 0.016     | 0.016     | 0         | 58.9 | 61.9 | 63.2 | 166        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 16   | 50     | 28     | 0.958     | -0.007    | 1.703 | 0.016     | 0.013     | 0         | 58.5 | 61.9 | 63.6 | 165        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 17   | 5      | 28     | 1.001     | -0.036    | 1.703 | 0.016     | 0.013     | 0         | 59.8 | 61.9 | 62.8 | 167        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 16  | 17   | 20     | 28     | 0.955     | -0.016    | 1.703 | 0.016     | 0.013     | 0         | 59.3 | 61.9 | 63.6 | 166        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 16  | 17   | 35     | 28     | 0.899     | 0.013     | 1.703 | 0.016     | 0.013     | 0         | 58.9 | 62.4 | 59.3 | 166        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 17   | 50     | 28     | 0.915     | -0.039    | 1.706 | 0.016     | 0.016     | 0         | 59.3 | 62.4 | 61.9 | 166        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 16  | 18   | 5      | 28     | 0.971     | 0.026     | 1.706 | 0.016     | 0.016     | 0         | 58.9 | 61.9 | 63.2 | 166        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 18   | 20     | 28     | 0.994     | -0.003    | 1.706 | 0.016     | 0.016     | 0         | 58   | 61.9 | 63.6 | 164        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 18   | 35     | 28     | 0.968     | -0.01     | 1.706 | 0.016     | 0.016     | 0         | 59.3 | 61.9 | 63.6 | 166        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 16  | 18   | 50     | 28     | 0.965     | -0.007    | 1.706 | 0.016     | 0.016     | 0         | 58.9 | 61.5 | 63.6 | 165        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 16  | 19   | 5      | 28     | 0.968     | -0.02     | 1.703 | 0.02      | 0.016     | 0         | 58.9 | 61.9 | 63.6 | 166        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 19   | 20     | 28     | 0.955     | 0.013     | 1.703 | 0.02      | 0.016     | 0         | 58.5 | 61.9 | 63.6 | 165        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 19   | 35     | 28     | 1.001     | -0.03     | 1.703 | 0.016     | 0.013     | 0         | 58.9 | 61.5 | 64.1 | 165        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 16  | 19   | 50     | 28     | 1.004     | -0.01     | 1.703 | 0.016     | 0.013     | 0         | 58.5 | 61.5 | 63.6 | 165        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 20   | 5      | 28     | 1.02      | -0.03     | 1.703 | 0.016     | 0.013     | 0         | 58.9 | 61.5 | 64.1 | 166        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 20   | 20     | 28     | 0.984     | -0.049    | 1.703 | 0.02      | 0.016     | 0         | 58.5 | 61.9 | 63.2 | 165        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 20   | 35     | 28     | 0.958     | 0.007     | 1.703 | 0.016     | 0.013     | 0         | 58.9 | 61.9 | 63.2 | 166        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 20   | 50     | 28     | 1.027     | -0.043    | 1.703 | 0.016     | 0.016     | 0         | 58.9 | 61.9 | 63.6 | 166        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 21   | 5      | 28     | 1.03      | -0.059    | 1.703 | 0.016     | 0.013     | 0         | 59.3 | 61.9 | 62.4 | 167        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 21   | 20     | 28     | 0.984     | -0.007    | 1.706 | 0.016     | 0.016     | 0         | 59.8 | 62.4 | 62.4 | 167        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 16  | 21   | 35     | 28     | 0.988     | 0.02      | 1.706 | 0.016     | 0.013     | 0         | 59.3 | 62.4 | 62.8 | 167        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 21   | 50     | 28     | 0.978     | 0.036     | 1.706 | 0.016     | 0.016     | 0         | 58.9 | 61.9 | 62.8 | 166        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 22   | 5      | 28     | 0.984     | -0.023    | 1.706 | 0.02      | 0.016     | 0         | 59.8 | 62.4 | 62.4 | 167        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 16  | 22   | 20     | 28     | 1.001     | -0.026    | 1.706 | 0.016     | 0.013     | 0         | 59.8 | 61.9 | 62.8 | 167        | 174        | 0          | 28     | 30     |
| 2009 | 6     | 16  | 22   | 35     | 28     | 0.978     | -0.01     | 1.706 | 0.016     | 0.013     | 0         | 59.8 | 61.9 | 62.8 | 168        | 174        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 22   | 50     | 28     | 0.997     | 0.01      | 1.706 | 0.016     | 0.016     | 0         | 59.8 | 61.9 | 63.2 | 168        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 23   | 5      | 28     | 0.994     | -0.026    | 1.706 | 0.02      | 0.016     | 0         | 59.8 | 61.9 | 62.8 | 167        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 16  | 23   | 20     | 28     | 1.014     | 0         | 1.706 | 0.016     | 0.016     | 0         | 59.8 | 61.9 | 62.8 | 168        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 23   | 35     | 28     | 1.004     | -0.026    | 1.706 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 63.6 | 168        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 16  | 23   | 50     | 28     | 1.027     | -0.026    | 1.706 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 62.8 | 168        | 173        | 0          | 28     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 17  | 0    | 5      | 28     | 0.981     | -0.023    | 1.706 | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 62.8 | 168        | 172        | 0          | 28     | 30     |
| 2009 | 6     | 17  | 0    | 20     | 28     | 1.024     | 0.007     | 1.706 | 0.02      | 0.016     | 0         | 59.8 | 61.1 | 63.2 | 168        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 17  | 0    | 35     | 28     | 1.06      | -0.007    | 1.706 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 62.8 | 168        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 17  | 0    | 50     | 28     | 0.988     | -0.01     | 1.706 | 0.016     | 0.016     | 0         | 59.8 | 61.5 | 62.8 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 1    | 5      | 28     | 0.997     | 0         | 1.706 | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 62.8 | 168        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 17  | 1    | 20     | 28     | 0.994     | -0.01     | 1.706 | 0.016     | 0.013     | 0         | 59.8 | 61.5 | 62.4 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 1    | 35     | 28     | 1.004     | -0.026    | 1.706 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 62.8 | 168        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 17  | 1    | 50     | 28     | 0.951     | 0.013     | 1.706 | 0.02      | 0.016     | 0         | 59.8 | 61.1 | 62.8 | 168        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 2    | 5      | 28     | 1.037     | -0.069    | 1.706 | 0.016     | 0.013     | 0         | 59.3 | 61.1 | 62.4 | 168        | 171        | 0          | 30     | 29     |
| 2009 | 6     | 17  | 2    | 20     | 28     | 0.981     | -0.033    | 1.706 | 0.016     | 0.013     | 0         | 59.3 | 61.1 | 62.8 | 167        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 2    | 35     | 28     | 0.991     | 0         | 1.706 | 0.016     | 0.016     | 0         | 59.8 | 61.5 | 62.8 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 2    | 50     | 28     | 0.994     | -0.013    | 1.706 | 0.016     | 0.016     | 0         | 59.3 | 61.1 | 62.8 | 167        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 3    | 5      | 28     | 0.951     | 0.023     | 1.706 | 0.016     | 0.013     | 0         | 59.3 | 60.2 | 62.8 | 167        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 17  | 3    | 20     | 28     | 1.017     | 0         | 1.706 | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 62.8 | 168        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 17  | 3    | 35     | 28     | 0.978     | -0.03     | 1.706 | 0.016     | 0.016     | 0         | 59.3 | 61.1 | 62.8 | 167        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 3    | 50     | 28     | 1.007     | -0.036    | 1.706 | 0.016     | 0.013     | 0         | 59.3 | 61.1 | 62.8 | 167        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 4    | 5      | 28     | 1.01      | 0         | 1.706 | 0.016     | 0.016     | 0         | 59.8 | 60.6 | 62.4 | 168        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 17  | 4    | 20     | 28     | 1.037     | 0         | 1.706 | 0.016     | 0.016     | 0         | 60.6 | 60.6 | 62.4 | 169        | 171        | 0          | 28     | 30     |
| 2009 | 6     | 17  | 4    | 35     | 28     | 1.014     | -0.052    | 1.706 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 62.8 | 169        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 4    | 50     | 28     | 1.024     | -0.01     | 1.706 | 0.02      | 0.016     | 0         | 60.6 | 61.1 | 61.9 | 169        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 17  | 5    | 5      | 28     | 1.01      | -0.013    | 1.706 | 0.016     | 0.016     | 0         | 59.8 | 60.6 | 61.9 | 169        | 171        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 5    | 20     | 28     | 0.984     | -0.007    | 1.706 | 0.016     | 0.016     | 0         | 60.2 | 61.1 | 62.4 | 169        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 5    | 35     | 28     | 1.04      | -0.026    | 1.706 | 0.016     | 0.013     | 0         | 60.2 | 61.1 | 62.4 | 168        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 17  | 5    | 50     | 28     | 0.997     | -0.01     | 1.706 | 0.02      | 0.016     | 0         | 60.6 | 60.6 | 62.4 | 169        | 171        | 0          | 28     | 30     |
| 2009 | 6     | 17  | 6    | 5      | 28     | 0.951     | -0.007    | 1.706 | 0.02      | 0.016     | 0         | 60.2 | 61.1 | 61.9 | 169        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 6    | 20     | 28     | 0.997     | 0         | 1.706 | 0.016     | 0.013     | 0         | 59.8 | 61.1 | 61.9 | 168        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 6    | 35     | 28     | 0.928     | -0.016    | 1.706 | 0.016     | 0.016     | 0         | 59.8 | 60.6 | 61.5 | 168        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 6    | 50     | 28     | 1.027     | -0.036    | 1.706 | 0.016     | 0.013     | 0         | 59.8 | 60.6 | 61.9 | 168        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 7    | 5      | 28     | 0.997     | 0         | 1.706 | 0.016     | 0.016     | 0         | 60.2 | 60.6 | 61.1 | 169        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 17  | 7    | 20     | 28     | 1.007     | -0.036    | 1.706 | 0.016     | 0.013     | 0         | 59.3 | 60.2 | 61.5 | 168        | 170        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 7    | 35     | 28     | 1.01      | -0.036    | 1.709 | 0.016     | 0.016     | 0         | 59.8 | 60.6 | 61.9 | 168        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 7    | 50     | 28     | 0.968     | -0.003    | 1.709 | 0.016     | 0.013     | 0         | 60.2 | 60.6 | 61.5 | 168        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 17  | 8    | 5      | 28     | 1.007     | -0.003    | 1.706 | 0.016     | 0.016     | 0         | 60.2 | 60.6 | 61.5 | 169        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 8    | 20     | 28     | 0.961     | 0.003     | 1.709 | 0.016     | 0.016     | 0         | 59.8 | 60.6 | 61.5 | 168        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 8    | 35     | 28     | 0.978     | -0.046    | 1.709 | 0.02      | 0.016     | 0         | 59.8 | 60.2 | 61.9 | 168        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 17  | 8    | 50     | 28     | 0.994     | -0.033    | 1.709 | 0.016     | 0.013     | 0         | 59.3 | 60.2 | 61.5 | 168        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 17  | 9    | 5      | 28     | 0.994     | -0.01     | 1.709 | 0.016     | 0.013     | 0         | 59.8 | 60.2 | 61.5 | 168        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 17  | 9    | 20     | 28     | 0.942     | -0.026    | 1.709 | 0.02      | 0.016     | 0         | 59.8 | 60.6 | 61.5 | 168        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 9    | 35     | 28     | 0.932     | 0.01      | 1.709 | 0.016     | 0.016     | 0         | 59.8 | 60.2 | 61.5 | 168        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 17  | 9    | 50     | 28     | 0.961     | 0.007     | 1.706 | 0.016     | 0.016     | 0         | 59.8 | 60.6 | 62.8 | 168        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 10   | 5      | 28     | 0.984     | -0.01     | 1.706 | 0.016     | 0.013     | 0         | 59.8 | 60.2 | 62.4 | 168        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 10   | 20     | 28     | 0.922     | -0.033    | 1.706 | 0.016     | 0.016     | 0         | 60.2 | 60.2 | 62.4 | 168        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 17  | 10   | 35     | 28     | 0.909     | -0.026    | 1.706 | 0.016     | 0.016     | 0         | 59.8 | 60.6 | 62.4 | 168        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 10   | 50     | 28     | 0.984     | -0.02     | 1.706 | 0.016     | 0.013     | 0         | 59.3 | 60.2 | 62.8 | 167        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 11   | 5      | 28     | 0.997     | 0         | 1.706 | 0.02      | 0.016     | 0         | 59.8 | 59.8 | 63.2 | 168        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 17  | 11   | 20     | 28     | 1.014     | 0.003     | 1.706 | 0.016     | 0.016     | 0         | 59.8 | 60.2 | 63.2 | 168        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 11   | 35     | 28     | 1.017     | -0.033    | 1.706 | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 64.1 | 167        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 11   | 50     | 28     | 0.994     | -0.016    | 1.706 | 0.016     | 0.013     | 0         | 59.3 | 60.2 | 63.6 | 167        | 169        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 17  | 12   | 5      | 28     | 1.03      | -0.043    | 1.706 | 0.016     | 0.013     | 0         | 59.3 | 59.8 | 63.6 | 167        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 17  | 12   | 20     | 28     | 0.951     | 0.023     | 1.706 | 0.016     | 0.013     | 0         | 59.8 | 60.2 | 64.1 | 168        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 12   | 35     | 28     | 0.965     | -0.033    | 1.706 | 0.016     | 0.013     | 0         | 59.3 | 59.8 | 64.5 | 167        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 17  | 12   | 50     | 28     | 1.017     | -0.016    | 1.706 | 0.016     | 0.016     | 0         | 59.3 | 60.2 | 62.8 | 167        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 13   | 5      | 28     | 1.053     | -0.043    | 1.706 | 0.02      | 0.016     | 0         | 59.8 | 60.2 | 64.1 | 168        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 13   | 20     | 28     | 0.997     | -0.023    | 1.709 | 0.016     | 0.016     | 0         | 60.2 | 60.2 | 64.1 | 168        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 17  | 13   | 35     | 28     | 1.033     | -0.023    | 1.706 | 0.016     | 0.013     | 0         | 59.8 | 60.2 | 63.2 | 168        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 13   | 50     | 28     | 1.027     | -0.02     | 1.706 | 0.016     | 0.016     | 0         | 59.8 | 60.2 | 63.6 | 168        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 14   | 5      | 28     | 0.965     | -0.039    | 1.709 | 0.016     | 0.013     | 0         | 59.8 | 60.6 | 64.5 | 168        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 14   | 20     | 28     | 0.974     | -0.016    | 1.706 | 0.016     | 0.016     | 0         | 59.8 | 60.2 | 64.5 | 168        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 14   | 35     | 28     | 1.05      | -0.03     | 1.706 | 0.016     | 0.016     | 0         | 60.2 | 60.2 | 64.9 | 168        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 17  | 14   | 50     | 28     | 1.063     | -0.003    | 1.706 | 0.016     | 0.016     | 0         | 60.2 | 59.8 | 64.5 | 168        | 169        | 0          | 28     | 30     |
| 2009 | 6     | 17  | 15   | 5      | 28     | 1.063     | -0.059    | 1.706 | 0.016     | 0.013     | 0         | 59.8 | 60.2 | 64.9 | 168        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 15   | 20     | 28     | 0.958     | 0.003     | 1.706 | 0.016     | 0.013     | 0         | 59.8 | 60.2 | 64.5 | 168        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 15   | 35     | 28     | 0.958     | -0.069    | 1.709 | 0.016     | 0.013     | 0         | 58.9 | 59.8 | 64.9 | 166        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 17  | 15   | 50     | 28     | 0.958     | -0.033    | 1.706 | 0.02      | 0.016     | 0         | 60.2 | 59.8 | 63.2 | 168        | 169        | 0          | 28     | 30     |
| 2009 | 6     | 17  | 16   | 5      | 28     | 1.024     | -0.049    | 1.706 | 0.016     | 0.013     | 0         | 60.2 | 60.2 | 63.2 | 169        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 16   | 20     | 28     | 1.066     | -0.01     | 1.706 | 0.016     | 0.016     | 0         | 60.6 | 60.2 | 64.1 | 169        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 17  | 16   | 35     | 28     | 1.033     | -0.046    | 1.706 | 0.016     | 0.016     | 0         | 60.2 | 60.2 | 65.4 | 168        | 170        | 0          | 28     | 30     |
| 2009 | 6     | 17  | 16   | 50     | 28     | 1.037     | -0.036    | 1.706 | 0.016     | 0.016     | 0         | 60.2 | 60.6 | 64.5 | 169        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 17   | 5      | 28     | 1.037     | -0.043    | 1.706 | 0.016     | 0.013     | 0         | 60.2 | 60.6 | 64.5 | 169        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 17   | 20     | 28     | 1.053     | -0.03     | 1.706 | 0.016     | 0.013     | 0         | 60.2 | 60.6 | 64.9 | 169        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 17   | 35     | 28     | 1.01      | -0.003    | 1.706 | 0.016     | 0.016     | 0         | 60.2 | 60.6 | 64.5 | 169        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 17   | 50     | 28     | 1.03      | -0.013    | 1.706 | 0.016     | 0.013     | 0         | 59.8 | 60.2 | 64.9 | 168        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 18   | 5      | 28     | 1.037     | -0.046    | 1.706 | 0.016     | 0.013     | 0         | 59.8 | 59.8 | 64.9 | 168        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 17  | 18   | 20     | 28     | 1.01      | -0.016    | 1.706 | 0.016     | 0.013     | 0         | 60.2 | 60.2 | 65.4 | 169        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 18   | 35     | 28     | 0.997     | 0         | 1.706 | 0.02      | 0.016     | 0         | 60.6 | 59.8 | 64.9 | 169        | 169        | 0          | 28     | 30     |
| 2009 | 6     | 17  | 18   | 50     | 28     | 0.988     | -0.039    | 1.706 | 0.016     | 0.013     | 0         | 60.6 | 60.6 | 65.4 | 170        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 19   | 5      | 28     | 1.014     | 0         | 1.709 | 0.016     | 0.013     | 0         | 60.2 | 60.2 | 64.9 | 169        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 19   | 20     | 28     | 0.997     | -0.007    | 1.709 | 0.016     | 0.016     | 0         | 60.2 | 59.8 | 64.5 | 169        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 17  | 19   | 35     | 28     | 0.965     | -0.023    | 1.709 | 0.016     | 0.013     | 0         | 60.6 | 60.6 | 64.9 | 169        | 169        | 0          | 28     | 28     |
| 2009 | 6     | 17  | 19   | 50     | 28     | 1.001     | -0.013    | 1.709 | 0.016     | 0.013     | 0         | 60.2 | 60.2 | 64.9 | 169        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 20   | 5      | 28     | 0.971     | 0         | 1.709 | 0.016     | 0.016     | 0         | 60.2 | 60.6 | 65.4 | 169        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 20   | 20     | 28     | 0.961     | -0.016    | 1.709 | 0.016     | 0.013     | 0         | 60.2 | 60.6 | 64.5 | 169        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 20   | 35     | 28     | 0.902     | -0.033    | 1.706 | 0.016     | 0.016     | 0         | 61.1 | 61.1 | 51.6 | 171        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 20   | 50     | 28     | 0.889     | 0         | 1.703 | 0.016     | 0.013     | 0         | 62.4 | 62.4 | 49.9 | 174        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 21   | 5      | 28     | 0.892     | -0.01     | 1.703 | 0.016     | 0.013     | 0         | 63.2 | 62.8 | 49.9 | 176        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 21   | 20     | 28     | 0.892     | -0.01     | 1.703 | 0.016     | 0.013     | 0         | 62.8 | 62.8 | 50.3 | 175        | 175        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 21   | 35     | 28     | 0.889     | 0.007     | 1.706 | 0.016     | 0.016     | 0         | 62.8 | 62.4 | 52.5 | 174        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 17  | 21   | 50     | 28     | 0.902     | -0.03     | 1.706 | 0.016     | 0.016     | 0         | 62.8 | 62.8 | 58   | 174        | 174        | 0          | 28     | 28     |
| 2009 | 6     | 17  | 22   | 5      | 28     | 0.958     | 0         | 1.706 | 0.02      | 0.016     | 0         | 61.9 | 61.9 | 57.6 | 173        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 22   | 20     | 28     | 0.971     | -0.033    | 1.706 | 0.02      | 0.016     | 0         | 61.9 | 61.5 | 58.5 | 172        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 17  | 22   | 35     | 28     | 0.902     | -0.01     | 1.706 | 0.016     | 0.016     | 0         | 61.9 | 61.5 | 55   | 173        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 22   | 50     | 28     | 0.902     | -0.013    | 1.706 | 0.016     | 0.016     | 0         | 61.9 | 61.9 | 52.9 | 172        | 172        | 0          | 28     | 28     |
| 2009 | 6     | 17  | 23   | 5      | 28     | 0.948     | 0         | 1.706 | 0.016     | 0.013     | 0         | 61.9 | 61.1 | 54.2 | 172        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 17  | 23   | 20     | 28     | 0.899     | -0.039    | 1.706 | 0.016     | 0.016     | 0         | 61.5 | 61.9 | 54.6 | 172        | 172        | 0          | 29     | 28     |
| 2009 | 6     | 17  | 23   | 35     | 28     | 0.935     | -0.059    | 1.706 | 0.016     | 0.013     | 0         | 61.9 | 61.5 | 55.9 | 172        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 17  | 23   | 50     | 28     | 0.942     | -0.013    | 1.706 | 0.016     | 0.016     | 0         | 61.1 | 61.5 | 56.3 | 171        | 172        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 18  | 0    | 5      | 28     | 0.932     | -0.03     | 1.706 | 0.016     | 0.013     | 0         | 61.1 | 61.1 | 58   | 171        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 0    | 20     | 28     | 0.932     | 0.01      | 1.706 | 0.016     | 0.016     | 0         | 61.1 | 60.6 | 56.3 | 171        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 0    | 35     | 28     | 0.886     | -0.007    | 1.706 | 0.016     | 0.013     | 0         | 60.6 | 61.1 | 55.9 | 170        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 0    | 50     | 28     | 0.951     | -0.033    | 1.706 | 0.016     | 0.016     | 0         | 61.1 | 61.1 | 54.6 | 171        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 1    | 5      | 28     | 0.968     | 0.01      | 1.706 | 0.016     | 0.016     | 0         | 60.6 | 61.1 | 55.5 | 170        | 170        | 0          | 29     | 28     |
| 2009 | 6     | 18  | 1    | 20     | 28     | 0.925     | -0.026    | 1.706 | 0.02      | 0.016     | 0         | 61.1 | 61.1 | 53.3 | 171        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 1    | 35     | 28     | 0.928     | -0.013    | 1.709 | 0.016     | 0.016     | 0         | 61.1 | 61.1 | 54.2 | 171        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 1    | 50     | 28     | 0.935     | -0.013    | 1.709 | 0.016     | 0.013     | 0         | 61.9 | 61.1 | 53.8 | 172        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 18  | 2    | 5      | 28     | 0.915     | -0.039    | 1.709 | 0.016     | 0.013     | 0         | 61.1 | 61.1 | 55.9 | 171        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 2    | 20     | 28     | 0.951     | -0.026    | 1.709 | 0.02      | 0.016     | 0         | 61.9 | 60.6 | 55.5 | 172        | 171        | 0          | 28     | 30     |
| 2009 | 6     | 18  | 2    | 35     | 28     | 0.928     | -0.016    | 1.709 | 0.016     | 0.013     | 0         | 61.9 | 61.1 | 55.9 | 172        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 18  | 2    | 50     | 28     | 0.928     | 0.003     | 1.709 | 0.02      | 0.016     | 0         | 61.1 | 60.6 | 56.8 | 171        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 3    | 5      | 28     | 0.951     | -0.016    | 1.713 | 0.02      | 0.016     | 0         | 61.1 | 60.6 | 57.2 | 171        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 3    | 20     | 28     | 0.896     | -0.033    | 1.713 | 0.016     | 0.013     | 0         | 61.1 | 60.6 | 54.6 | 171        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 3    | 35     | 28     | 0.925     | -0.043    | 1.716 | 0.016     | 0.013     | 0         | 61.1 | 60.2 | 53.8 | 171        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 18  | 3    | 50     | 28     | 0.928     | 0         | 1.716 | 0.016     | 0.013     | 0         | 61.1 | 60.6 | 55   | 171        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 4    | 5      | 28     | 0.912     | -0.016    | 1.719 | 0.016     | 0.013     | 0         | 61.1 | 60.6 | 53.3 | 171        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 4    | 20     | 28     | 0.909     | -0.02     | 1.722 | 0.02      | 0.016     | 0         | 61.1 | 60.2 | 53.3 | 171        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 18  | 4    | 35     | 28     | 0.932     | -0.016    | 1.729 | 0.016     | 0.016     | 0         | 60.6 | 60.6 | 56.8 | 170        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 4    | 50     | 28     | 0.938     | -0.007    | 1.726 | 0.016     | 0.016     | 0         | 60.6 | 60.6 | 54.2 | 170        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 5    | 5      | 28     | 0.922     | -0.013    | 1.729 | 0.016     | 0.016     | 0         | 60.2 | 60.6 | 54.6 | 170        | 170        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 5    | 20     | 28     | 0.981     | -0.013    | 1.732 | 0.016     | 0.016     | 0         | 60.6 | 60.2 | 54.2 | 170        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 18  | 5    | 35     | 28     | 0.955     | -0.02     | 1.736 | 0.016     | 0.013     | 0         | 60.6 | 60.2 | 55   | 170        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 18  | 5    | 50     | 28     | 0.945     | -0.036    | 1.736 | 0.016     | 0.013     | 0         | 61.1 | 60.2 | 55.5 | 170        | 170        | 0          | 28     | 30     |
| 2009 | 6     | 18  | 6    | 5      | 28     | 0.968     | 0.013     | 1.739 | 0.016     | 0.016     | 0         | 60.6 | 60.6 | 55.5 | 170        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 6    | 20     | 28     | 0.928     | -0.03     | 1.739 | 0.016     | 0.016     | 0         | 60.2 | 60.2 | 56.3 | 169        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 18  | 6    | 35     | 28     | 0.928     | -0.003    | 1.742 | 0.02      | 0.016     | 0         | 60.2 | 60.2 | 56.3 | 169        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 6    | 50     | 28     | 0.925     | -0.013    | 1.742 | 0.016     | 0.016     | 0         | 60.2 | 59.8 | 56.8 | 169        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 18  | 7    | 5      | 28     | 0.981     | -0.046    | 1.742 | 0.016     | 0.013     | 0         | 60.2 | 60.2 | 57.6 | 169        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 7    | 20     | 28     | 0.922     | -0.01     | 1.742 | 0.016     | 0.016     | 0         | 60.2 | 59.8 | 57.6 | 169        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 7    | 35     | 28     | 0.961     | -0.03     | 1.745 | 0.016     | 0.013     | 0         | 60.2 | 59.8 | 54.2 | 169        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 18  | 7    | 50     | 28     | 0.925     | -0.033    | 1.745 | 0.016     | 0.016     | 0         | 59.8 | 60.2 | 55   | 168        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 8    | 5      | 28     | 0.912     | -0.02     | 1.745 | 0.016     | 0.016     | 0         | 60.2 | 60.2 | 54.2 | 169        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 8    | 20     | 28     | 0.925     | 0.023     | 1.749 | 0.016     | 0.013     | 0         | 60.2 | 59.8 | 53.8 | 169        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 18  | 8    | 35     | 28     | 0.932     | -0.026    | 1.749 | 0.016     | 0.016     | 0         | 60.2 | 60.2 | 53.8 | 169        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 8    | 50     | 28     | 0.915     | -0.03     | 1.752 | 0.016     | 0.013     | 0         | 59.8 | 60.2 | 55.9 | 168        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 9    | 5      | 28     | 0.909     | 0         | 1.752 | 0.02      | 0.016     | 0         | 59.8 | 60.2 | 54.2 | 168        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 18  | 9    | 20     | 28     | 0.899     | -0.03     | 1.755 | 0.016     | 0.013     | 0         | 59.3 | 59.8 | 54.6 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 9    | 35     | 28     | 0.919     | -0.023    | 1.755 | 0.016     | 0.016     | 0         | 60.2 | 60.2 | 53.8 | 168        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 18  | 9    | 50     | 28     | 0.912     | -0.01     | 1.759 | 0.016     | 0.013     | 0         | 59.3 | 59.8 | 54.2 | 167        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 18  | 10   | 5      | 28     | 0.932     | -0.023    | 1.762 | 0.016     | 0.016     | 0         | 59.3 | 59.8 | 54.2 | 167        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 18  | 10   | 20     | 28     | 0.978     | -0.02     | 1.765 | 0.016     | 0.016     | 0         | 59.8 | 59.8 | 56.8 | 168        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 18  | 10   | 35     | 28     | 0.951     | -0.043    | 1.768 | 0.016     | 0.013     | 0         | 59.3 | 60.2 | 56.8 | 167        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 10   | 50     | 28     | 0.981     | -0.046    | 1.772 | 0.016     | 0.016     | 0         | 59.3 | 60.6 | 58.5 | 167        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 11   | 5      | 28     | 0.942     | -0.016    | 1.775 | 0.016     | 0.013     | 0         | 58.9 | 61.1 | 61.1 | 166        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 11   | 20     | 28     | 0.945     | -0.01     | 1.778 | 0.016     | 0.013     | 0         | 58.9 | 61.5 | 65.4 | 166        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 11   | 35     | 28     | 1.02      | -0.036    | 1.781 | 0.016     | 0.013     | 0         | 59.3 | 61.5 | 68.8 | 166        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 18  | 11   | 50     | 28     | 0.968     | -0.01     | 1.781 | 0.016     | 0.016     | 0         | 58.9 | 61.5 | 68.4 | 166        | 172        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 18  | 12   | 5      | 28     | 0.978     | -0.036    | 1.781 | 0.016     | 0.013     | 0         | 58.9 | 61.1 | 65.4 | 166        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 12   | 20     | 28     | 1.004     | -0.03     | 1.781 | 0.016     | 0.013     | 0         | 59.8 | 61.5 | 64.9 | 167        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 18  | 12   | 35     | 28     | 1.047     | -0.039    | 1.785 | 0.016     | 0.016     | 0         | 58.9 | 61.5 | 64.5 | 166        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 12   | 50     | 28     | 0.961     | -0.007    | 1.785 | 0.016     | 0.013     | 0         | 58.9 | 61.5 | 64.1 | 166        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 13   | 5      | 28     | 0.994     | -0.033    | 1.788 | 0.016     | 0.013     | 0         | 59.3 | 61.1 | 64.5 | 166        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 18  | 13   | 20     | 28     | 0.997     | -0.026    | 1.788 | 0.016     | 0.016     | 0         | 59.3 | 61.1 | 64.1 | 166        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 18  | 13   | 35     | 28     | 0.981     | -0.01     | 1.788 | 0.016     | 0.013     | 0         | 58.9 | 61.1 | 64.9 | 166        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 13   | 50     | 28     | 1.05      | -0.02     | 1.791 | 0.016     | 0.013     | 0         | 59.3 | 61.5 | 64.5 | 166        | 171        | 0          | 28     | 28     |
| 2009 | 6     | 18  | 14   | 5      | 28     | 1.014     | -0.02     | 1.791 | 0.016     | 0.013     | 0         | 59.3 | 61.5 | 63.6 | 166        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 18  | 14   | 20     | 28     | 1.02      | -0.003    | 1.795 | 0.016     | 0.013     | 0         | 58.9 | 61.5 | 63.6 | 166        | 171        | 0          | 29     | 28     |
| 2009 | 6     | 18  | 14   | 35     | 28     | 1.053     | -0.046    | 1.795 | 0.016     | 0.013     | 0         | 59.3 | 61.9 | 63.6 | 166        | 172        | 0          | 28     | 28     |
| 2009 | 6     | 18  | 14   | 50     | 28     | 1.014     | -0.003    | 1.798 | 0.016     | 0.013     | 0         | 58.9 | 61.5 | 62.8 | 166        | 171        | 0          | 29     | 28     |
| 2009 | 6     | 18  | 15   | 5      | 28     | 1.024     | 0.013     | 1.801 | 0.016     | 0.013     | 0         | 59.3 | 61.1 | 61.1 | 166        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 18  | 15   | 20     | 28     | 0.974     | 0.013     | 1.808 | 0.013     | 0.01      | 0         | 58.9 | 61.5 | 61.1 | 166        | 171        | 0          | 29     | 28     |
| 2009 | 6     | 18  | 15   | 35     | 28     | 0.988     | 0.046     | 1.811 | 0.016     | 0.013     | 0         | 58.9 | 60.6 | 61.5 | 166        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 18  | 15   | 50     | 28     | 1.017     | -0.013    | 1.818 | 0.016     | 0.013     | 0         | 59.8 | 61.5 | 61.5 | 166        | 172        | 0          | 27     | 29     |
| 2009 | 6     | 18  | 16   | 5      | 28     | 1.056     | 0.01      | 1.821 | 0.016     | 0.016     | 0         | 59.3 | 61.5 | 62.8 | 166        | 171        | 0          | 28     | 28     |
| 2009 | 6     | 18  | 16   | 20     | 28     | 0.968     | -0.007    | 1.821 | 0.016     | 0.013     | 0         | 59.3 | 61.5 | 63.2 | 167        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 16   | 35     | 28     | 0.961     | -0.003    | 1.824 | 0.013     | 0.01      | 0         | 59.8 | 61.9 | 64.1 | 167        | 172        | 0          | 28     | 28     |
| 2009 | 6     | 18  | 16   | 50     | 28     | 0.997     | -0.003    | 1.827 | 0.016     | 0.016     | 0         | 59.8 | 61.5 | 63.6 | 167        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 18  | 17   | 5      | 28     | 1.014     | 0.003     | 1.827 | 0.016     | 0.013     | 0         | 59.3 | 61.9 | 63.6 | 167        | 172        | 0          | 29     | 28     |
| 2009 | 6     | 18  | 17   | 20     | 28     | 1.043     | -0.016    | 1.831 | 0.016     | 0.013     | 0         | 59.8 | 61.9 | 64.1 | 167        | 172        | 0          | 28     | 28     |
| 2009 | 6     | 18  | 17   | 35     | 28     | 1.056     | -0.033    | 1.831 | 0.016     | 0.013     | 0         | 59.8 | 61.9 | 63.6 | 167        | 172        | 0          | 28     | 28     |
| 2009 | 6     | 18  | 17   | 50     | 28     | 1.047     | -0.003    | 1.831 | 0.016     | 0.013     | 0         | 60.2 | 61.9 | 64.1 | 168        | 172        | 0          | 28     | 28     |
| 2009 | 6     | 18  | 18   | 5      | 28     | 1.03      | 0.007     | 1.834 | 0.02      | 0.016     | 0         | 59.8 | 61.5 | 64.1 | 167        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 18  | 18   | 20     | 28     | 1.007     | -0.016    | 1.837 | 0.016     | 0.013     | 0         | 59.3 | 61.5 | 62.8 | 167        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 18   | 35     | 28     | 1.027     | -0.046    | 1.837 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 62.4 | 168        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 18  | 18   | 50     | 28     | 1.014     | -0.02     | 1.844 | 0.016     | 0.013     | 0         | 59.8 | 61.5 | 61.1 | 168        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 19   | 5      | 28     | 0.997     | -0.039    | 1.847 | 0.016     | 0.013     | 0         | 59.8 | 61.5 | 60.2 | 167        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 18  | 19   | 20     | 28     | 1.03      | -0.026    | 1.857 | 0.016     | 0.013     | 0         | 59.8 | 61.9 | 61.5 | 167        | 172        | 0          | 28     | 28     |
| 2009 | 6     | 18  | 19   | 35     | 28     | 1.043     | -0.01     | 1.86  | 0.013     | 0.01      | 0         | 60.2 | 61.9 | 62.4 | 168        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 18  | 19   | 50     | 28     | 1.03      | 0.003     | 1.864 | 0.016     | 0.013     | 0         | 59.8 | 61.9 | 62.8 | 167        | 172        | 0          | 28     | 28     |
| 2009 | 6     | 18  | 20   | 5      | 28     | 1.014     | 0         | 1.867 | 0.016     | 0.016     | 0         | 59.8 | 61.5 | 63.6 | 167        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 18  | 20   | 20     | 28     | 1.053     | -0.01     | 1.867 | 0.016     | 0.013     | 0         | 59.8 | 61.5 | 64.1 | 167        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 18  | 20   | 35     | 28     | 1.043     | -0.007    | 1.87  | 0.016     | 0.013     | 0         | 59.8 | 61.9 | 64.1 | 167        | 172        | 0          | 28     | 28     |
| 2009 | 6     | 18  | 20   | 50     | 28     | 1.047     | 0         | 1.87  | 0.016     | 0.013     | 0         | 59.8 | 61.9 | 63.2 | 167        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 18  | 21   | 5      | 28     | 1.066     | -0.016    | 1.873 | 0.016     | 0.016     | 0         | 60.2 | 62.4 | 63.2 | 168        | 173        | 0          | 28     | 28     |
| 2009 | 6     | 18  | 21   | 20     | 28     | 1.033     | -0.016    | 1.877 | 0.016     | 0.013     | 0         | 59.8 | 61.9 | 62.8 | 168        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 21   | 35     | 28     | 1.043     | -0.023    | 1.877 | 0.016     | 0.016     | 0         | 60.2 | 61.9 | 61.9 | 168        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 18  | 21   | 50     | 28     | 1.056     | -0.023    | 1.88  | 0.016     | 0.013     | 0         | 60.6 | 61.9 | 61.1 | 168        | 173        | 0          | 27     | 29     |
| 2009 | 6     | 18  | 22   | 5      | 28     | 0.961     | -0.003    | 1.886 | 0.016     | 0.013     | 0         | 59.3 | 61.5 | 61.1 | 167        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 22   | 20     | 28     | 1.037     | -0.013    | 1.893 | 0.013     | 0.01      | 0         | 59.3 | 61.5 | 61.1 | 167        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 22   | 35     | 28     | 1.027     | -0.01     | 1.9   | 0.016     | 0.013     | 0         | 59.3 | 61.1 | 62.4 | 166        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 18  | 22   | 50     | 28     | 1.047     | 0.013     | 1.903 | 0.016     | 0.016     | 0         | 59.3 | 61.1 | 64.1 | 166        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 18  | 23   | 5      | 28     | 1.086     | -0.02     | 1.906 | 0.013     | 0.01      | 0         | 59.3 | 61.1 | 64.5 | 166        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 18  | 23   | 20     | 28     | 1.063     | -0.043    | 1.906 | 0.016     | 0.013     | 0         | 58.9 | 61.5 | 64.9 | 166        | 171        | 0          | 29     | 28     |
| 2009 | 6     | 18  | 23   | 35     | 28     | 1.024     | -0.03     | 1.909 | 0.016     | 0.013     | 0         | 58.9 | 61.1 | 64.5 | 166        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 23   | 50     | 28     | 1.037     | -0.003    | 1.913 | 0.016     | 0.013     | 0         | 58.9 | 61.1 | 64.1 | 166        | 171        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 19  | 0    | 5      | 28     | 1.056     | -0.049    | 1.913 | 0.016     | 0.013     | 0         | 58.9 | 61.1 | 63.2 | 166        | 170        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 0    | 20     | 28     | 1.02      | -0.01     | 1.916 | 0.016     | 0.013     | 0         | 59.3 | 60.6 | 62.8 | 166        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 0    | 35     | 28     | 1.04      | -0.03     | 1.919 | 0.016     | 0.013     | 0         | 59.3 | 61.1 | 61.9 | 166        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 0    | 50     | 28     | 1.027     | -0.016    | 1.926 | 0.016     | 0.016     | 0         | 59.3 | 61.5 | 61.5 | 166        | 171        | 0          | 28     | 28     |
| 2009 | 6     | 19  | 1    | 5      | 28     | 1.06      | 0         | 1.932 | 0.016     | 0.013     | 0         | 59.3 | 61.1 | 61.1 | 166        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 1    | 20     | 28     | 1.056     | -0.007    | 1.939 | 0.013     | 0.01      | 0         | 59.3 | 61.5 | 63.2 | 166        | 171        | 0          | 28     | 28     |
| 2009 | 6     | 19  | 1    | 35     | 28     | 1.066     | -0.007    | 1.939 | 0.016     | 0.013     | 0         | 59.3 | 61.1 | 64.5 | 166        | 170        | 0          | 28     | 28     |
| 2009 | 6     | 19  | 1    | 50     | 28     | 1.024     | 0.007     | 1.942 | 0.013     | 0.01      | 0         | 58.9 | 60.6 | 65.4 | 165        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 2    | 5      | 28     | 1.043     | -0.007    | 1.946 | 0.01      | 0.007     | 0         | 58.5 | 60.6 | 65.4 | 165        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 2    | 20     | 28     | 1.063     | -0.013    | 1.946 | 0.013     | 0.01      | 0         | 58.5 | 60.6 | 64.9 | 165        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 2    | 35     | 28     | 1.043     | -0.03     | 1.949 | 0.013     | 0.01      | 0         | 59.3 | 60.6 | 64.1 | 166        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 2    | 50     | 28     | 1.017     | -0.016    | 1.949 | 0.01      | 0.007     | 0         | 58.9 | 60.6 | 64.1 | 165        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 3    | 5      | 28     | 1.04      | 0.013     | 1.952 | 0.013     | 0.01      | 0         | 58.9 | 60.6 | 63.6 | 165        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 3    | 20     | 28     | 1.063     | -0.003    | 1.955 | 0.016     | 0.013     | 0         | 58.9 | 60.2 | 61.9 | 166        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 19  | 3    | 35     | 28     | 1.017     | 0         | 1.962 | 0.013     | 0.01      | 0         | 58.9 | 60.6 | 61.5 | 166        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 19  | 3    | 50     | 28     | 1.027     | 0.016     | 1.969 | 0.016     | 0.016     | 0         | 58.5 | 60.6 | 62.4 | 165        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 4    | 5      | 28     | 1.089     | -0.01     | 1.975 | 0.016     | 0.013     | 0         | 58.9 | 60.6 | 63.6 | 165        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 4    | 20     | 28     | 1.04      | -0.026    | 1.975 | 0.013     | 0.01      | 0         | 58.9 | 60.6 | 64.5 | 165        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 4    | 35     | 28     | 1.03      | -0.003    | 1.978 | 0.016     | 0.013     | 0         | 59.3 | 60.6 | 65.4 | 166        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 4    | 50     | 28     | 1.083     | -0.003    | 1.982 | 0.016     | 0.013     | 0         | 58.9 | 61.1 | 65.4 | 165        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 5    | 5      | 28     | 1.05      | -0.013    | 1.982 | 0.016     | 0.013     | 0         | 59.3 | 61.1 | 64.9 | 166        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 5    | 20     | 28     | 1.043     | -0.016    | 1.982 | 0.013     | 0.01      | 0         | 58.9 | 60.6 | 64.5 | 166        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 19  | 5    | 35     | 28     | 1.06      | -0.036    | 1.985 | 0.016     | 0.013     | 0         | 58.9 | 60.6 | 64.1 | 166        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 5    | 50     | 28     | 1.017     | -0.01     | 1.988 | 0.013     | 0.01      | 0         | 58.9 | 60.6 | 62.8 | 166        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 6    | 5      | 28     | 1.076     | -0.01     | 1.988 | 0.016     | 0.013     | 0         | 58.9 | 60.6 | 62.4 | 166        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 6    | 20     | 28     | 1.027     | -0.003    | 1.995 | 0.016     | 0.016     | 0         | 58.5 | 60.6 | 61.5 | 165        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 6    | 35     | 28     | 1.063     | -0.007    | 1.998 | 0.016     | 0.013     | 0         | 58.9 | 60.2 | 61.5 | 165        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 6    | 50     | 28     | 1.027     | 0         | 2.005 | 0.016     | 0.013     | 0         | 58.5 | 60.2 | 61.9 | 165        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 7    | 5      | 28     | 1.03      | -0.016    | 2.008 | 0.013     | 0.01      | 0         | 58.5 | 60.6 | 63.6 | 164        | 169        | 0          | 28     | 28     |
| 2009 | 6     | 19  | 7    | 20     | 28     | 1.086     | -0.03     | 2.011 | 0.013     | 0.01      | 0         | 58.5 | 60.2 | 64.5 | 165        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 7    | 35     | 28     | 1.066     | -0.02     | 2.014 | 0.013     | 0.01      | 0         | 58.5 | 60.2 | 64.9 | 164        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 7    | 50     | 28     | 1.05      | -0.026    | 2.014 | 0.016     | 0.013     | 0         | 58.5 | 60.6 | 65.4 | 165        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 8    | 5      | 28     | 1.056     | -0.03     | 2.018 | 0.016     | 0.013     | 0         | 58   | 60.2 | 65.4 | 164        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 8    | 20     | 28     | 1.083     | -0.007    | 2.018 | 0.016     | 0.016     | 0         | 58   | 60.6 | 65.4 | 165        | 170        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 8    | 35     | 28     | 1.06      | 0.003     | 2.021 | 0.013     | 0.01      | 0         | 58.5 | 59.8 | 65.4 | 164        | 169        | 0          | 28     | 30     |
| 2009 | 6     | 19  | 8    | 50     | 28     | 1.093     | -0.036    | 2.021 | 0.013     | 0.01      | 0         | 58.5 | 60.2 | 64.9 | 165        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 9    | 5      | 28     | 1.037     | -0.052    | 2.021 | 0.013     | 0.01      | 0         | 58   | 60.2 | 64.5 | 164        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 9    | 20     | 28     | 1.086     | -0.059    | 2.024 | 0.016     | 0.013     | 0         | 58   | 60.2 | 64.1 | 164        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 9    | 35     | 28     | 1.079     | -0.023    | 2.024 | 0.01      | 0.007     | 0         | 58   | 60.2 | 63.6 | 164        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 19  | 9    | 50     | 28     | 1.083     | -0.023    | 2.028 | 0.016     | 0.013     | 0         | 58   | 60.2 | 63.2 | 164        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 10   | 5      | 28     | 1.056     | -0.046    | 2.031 | 0.013     | 0.01      | 0         | 58   | 60.6 | 62.8 | 164        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 10   | 20     | 28     | 1.047     | -0.023    | 2.034 | 0.013     | 0.01      | 0         | 58.5 | 60.2 | 62.4 | 164        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 10   | 35     | 28     | 1.096     | 0.013     | 2.037 | 0.016     | 0.013     | 0         | 58.5 | 60.2 | 61.9 | 164        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 10   | 50     | 28     | 1.079     | -0.007    | 2.044 | 0.013     | 0.01      | 0         | 58   | 59.8 | 62.8 | 164        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 19  | 11   | 5      | 28     | 1.096     | 0         | 2.047 | 0.01      | 0.007     | 0         | 58   | 60.2 | 62.4 | 164        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 11   | 20     | 28     | 1.096     | -0.013    | 2.047 | 0.013     | 0.01      | 0         | 58.9 | 60.6 | 62.4 | 165        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 11   | 35     | 28     | 1.106     | 0         | 2.051 | 0.016     | 0.013     | 0         | 58.5 | 60.6 | 63.6 | 165        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 11   | 50     | 28     | 1.119     | 0         | 2.051 | 0.016     | 0.013     | 0         | 58.9 | 60.6 | 62.8 | 165        | 170        | 0          | 28     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 19  | 12   | 5      | 28     | 1.07      | -0.016    | 2.054 | 0.016     | 0.016     | 0         | 58.9 | 60.6 | 63.2 | 165        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 12   | 20     | 28     | 1.063     | 0         | 2.054 | 0.016     | 0.013     | 0         | 58.5 | 60.6 | 64.1 | 165        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 12   | 35     | 28     | 1.106     | -0.023    | 2.057 | 0.016     | 0.013     | 0         | 58.9 | 60.6 | 64.5 | 165        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 12   | 50     | 28     | 1.099     | 0         | 2.057 | 0.016     | 0.013     | 0         | 58.5 | 60.6 | 65.4 | 165        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 13   | 5      | 28     | 1.076     | 0         | 2.06  | 0.016     | 0.013     | 0         | 58.9 | 61.1 | 63.6 | 165        | 170        | 0          | 28     | 28     |
| 2009 | 6     | 19  | 13   | 20     | 28     | 1.083     | 0.026     | 2.06  | 0.016     | 0.013     | 0         | 58.9 | 61.1 | 63.2 | 165        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 13   | 35     | 28     | 1.115     | 0         | 2.06  | 0.016     | 0.013     | 0         | 58.5 | 61.5 | 64.1 | 165        | 171        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 13   | 50     | 28     | 1.076     | -0.039    | 2.064 | 0.013     | 0.01      | 0         | 59.3 | 61.1 | 64.5 | 166        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 14   | 5      | 28     | 1.112     | 0.043     | 2.064 | 0.016     | 0.016     | 0         | 59.3 | 61.5 | 61.9 | 166        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 14   | 20     | 28     | 1.125     | 0.026     | 2.064 | 0.016     | 0.013     | 0         | 59.3 | 61.5 | 61.1 | 166        | 171        | 0          | 28     | 28     |
| 2009 | 6     | 19  | 14   | 35     | 28     | 1.122     | 0.03      | 2.067 | 0.016     | 0.013     | 0         | 58.9 | 61.5 | 62.8 | 166        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 14   | 50     | 28     | 1.099     | 0         | 2.067 | 0.013     | 0.01      | 0         | 59.3 | 61.5 | 63.6 | 166        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 15   | 5      | 28     | 1.014     | 0.01      | 2.067 | 0.013     | 0.01      | 0         | 59.3 | 61.5 | 63.6 | 166        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 15   | 20     | 28     | 1.073     | 0.026     | 2.067 | 0.013     | 0.01      | 0         | 59.3 | 61.5 | 62.4 | 166        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 15   | 35     | 28     | 1.073     | 0.013     | 2.07  | 0.016     | 0.013     | 0         | 59.3 | 61.5 | 62.8 | 166        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 15   | 50     | 28     | 1.106     | 0.013     | 2.07  | 0.016     | 0.013     | 0         | 59.3 | 61.5 | 61.9 | 166        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 16   | 5      | 28     | 1.119     | 0.023     | 2.07  | 0.01      | 0.007     | 0         | 58.9 | 61.1 | 63.2 | 165        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 16   | 20     | 28     | 1.06      | 0         | 2.07  | 0.013     | 0.01      | 0         | 59.3 | 62.4 | 59.3 | 167        | 173        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 16   | 35     | 28     | 1.04      | 0.016     | 2.073 | 0.013     | 0.01      | 0         | 59.8 | 61.9 | 58.9 | 168        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 16   | 50     | 28     | 1.063     | 0.01      | 2.073 | 0.016     | 0.013     | 0         | 59.8 | 61.9 | 58.9 | 167        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 17   | 5      | 28     | 1.099     | 0         | 2.073 | 0.016     | 0.013     | 0         | 60.2 | 61.5 | 59.8 | 167        | 172        | 0          | 27     | 29     |
| 2009 | 6     | 19  | 17   | 20     | 28     | 1.099     | 0         | 2.077 | 0.016     | 0.013     | 0         | 59.8 | 61.9 | 58.9 | 167        | 172        | 0          | 28     | 28     |
| 2009 | 6     | 19  | 17   | 35     | 28     | 1.125     | 0         | 2.08  | 0.013     | 0.01      | 0         | 59.8 | 61.9 | 58   | 167        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 17   | 50     | 28     | 1.06      | 0.013     | 2.083 | 0.013     | 0.01      | 0         | 60.2 | 61.9 | 58   | 168        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 18   | 5      | 28     | 1.096     | -0.003    | 2.083 | 0.01      | 0.007     | 0         | 60.2 | 62.8 | 57.2 | 168        | 174        | 0          | 28     | 28     |
| 2009 | 6     | 19  | 18   | 20     | 28     | 1.112     | -0.013    | 2.087 | 0.013     | 0.01      | 0         | 60.2 | 62.4 | 59.3 | 168        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 18   | 35     | 28     | 1.106     | -0.01     | 2.093 | 0.013     | 0.01      | 0         | 59.8 | 62.4 | 60.6 | 167        | 173        | 0          | 28     | 28     |
| 2009 | 6     | 19  | 18   | 50     | 28     | 1.096     | -0.013    | 2.093 | 0.016     | 0.013     | 0         | 59.3 | 61.9 | 61.5 | 167        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 19   | 5      | 28     | 1.115     | -0.059    | 2.096 | 0.013     | 0.01      | 0         | 59.8 | 62.4 | 61.5 | 167        | 173        | 0          | 28     | 28     |
| 2009 | 6     | 19  | 19   | 20     | 28     | 1.096     | -0.01     | 2.096 | 0.016     | 0.013     | 0         | 59.8 | 61.9 | 61.1 | 167        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 19   | 35     | 28     | 1.093     | -0.023    | 2.1   | 0.016     | 0.013     | 0         | 59.3 | 61.9 | 61.1 | 166        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 19   | 50     | 28     | 1.089     | -0.013    | 2.1   | 0.016     | 0.016     | 0         | 59.3 | 61.9 | 61.9 | 166        | 172        | 0          | 28     | 28     |
| 2009 | 6     | 19  | 20   | 5      | 28     | 1.063     | 0         | 2.103 | 0.016     | 0.013     | 0         | 58.9 | 61.5 | 64.5 | 166        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 20   | 20     | 28     | 1.138     | 0.003     | 2.103 | 0.016     | 0.013     | 0         | 59.3 | 61.9 | 63.2 | 166        | 172        | 0          | 28     | 28     |
| 2009 | 6     | 19  | 20   | 35     | 28     | 1.04      | -0.026    | 2.106 | 0.013     | 0.01      | 0         | 58.5 | 61.1 | 63.6 | 165        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 20   | 50     | 28     | 1.066     | -0.033    | 2.106 | 0.01      | 0.007     | 0         | 58.5 | 61.1 | 64.1 | 165        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 21   | 5      | 28     | 1.073     | 0.003     | 2.11  | 0.016     | 0.013     | 0         | 58.9 | 61.1 | 63.6 | 165        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 21   | 20     | 28     | 1.056     | -0.02     | 2.11  | 0.016     | 0.013     | 0         | 58.5 | 61.1 | 64.1 | 164        | 170        | 0          | 28     | 28     |
| 2009 | 6     | 19  | 21   | 35     | 28     | 1.056     | -0.03     | 2.113 | 0.013     | 0.01      | 0         | 58   | 60.6 | 63.6 | 164        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 21   | 50     | 28     | 1.063     | 0.003     | 2.116 | 0.013     | 0.01      | 0         | 58   | 60.2 | 62.4 | 163        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 22   | 5      | 28     | 1.06      | -0.003    | 2.123 | 0.01      | 0.007     | 0         | 57.6 | 60.2 | 62.8 | 163        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 22   | 20     | 28     | 1.047     | -0.026    | 2.126 | 0.016     | 0.013     | 0         | 57.6 | 60.2 | 62.4 | 162        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 19  | 22   | 35     | 28     | 1.05      | -0.046    | 2.129 | 0.013     | 0.01      | 0         | 57.6 | 59.8 | 62.8 | 162        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 22   | 50     | 28     | 1.076     | -0.033    | 2.133 | 0.013     | 0.01      | 0         | 57.2 | 59.8 | 64.5 | 162        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 23   | 5      | 28     | 1.027     | -0.007    | 2.133 | 0.013     | 0.01      | 0         | 57.2 | 59.8 | 64.5 | 161        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 23   | 20     | 28     | 1.073     | 0.003     | 2.136 | 0.013     | 0.01      | 0         | 57.2 | 59.8 | 64.1 | 161        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 19  | 23   | 35     | 28     | 1.093     | -0.049    | 2.136 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 65.4 | 161        | 168        | 0          | 27     | 29     |
| 2009 | 6     | 19  | 23   | 50     | 28     | 1.02      | -0.01     | 2.139 | 0.013     | 0.01      | 0         | 57.2 | 59.8 | 65.8 | 161        | 168        | 0          | 28     | 29     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 20  | 0    | 5      | 28     | 1.06      | -0.039    | 2.139 | 0.016     | 0.013     | 0         | 57.2 | 59.8 | 66.2 | 161        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 0    | 20     | 28     | 1.102     | -0.046    | 2.139 | 0.01      | 0.007     | 0         | 57.6 | 60.2 | 66.7 | 162        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 0    | 35     | 28     | 1.099     | -0.03     | 2.142 | 0.013     | 0.01      | 0         | 57.2 | 59.3 | 66.7 | 161        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 0    | 50     | 28     | 1.04      | -0.036    | 2.142 | 0.013     | 0.01      | 0         | 57.2 | 59.3 | 66.7 | 161        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 1    | 5      | 28     | 1.02      | -0.069    | 2.142 | 0.013     | 0.01      | 0         | 57.2 | 59.8 | 66.7 | 161        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 1    | 20     | 28     | 1.053     | -0.095    | 2.142 | 0.013     | 0.01      | 0         | 56.8 | 59.8 | 65.8 | 161        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 1    | 35     | 28     | 1.05      | -0.082    | 2.142 | 0.016     | 0.013     | 0         | 57.2 | 59.3 | 66.7 | 161        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 1    | 50     | 28     | 1.043     | -0.033    | 2.142 | 0.013     | 0.01      | 0         | 57.2 | 59.3 | 65.8 | 161        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 2    | 5      | 28     | 1.073     | -0.059    | 2.146 | 0.01      | 0.007     | 0         | 56.8 | 59.3 | 66.2 | 160        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 2    | 20     | 28     | 1.07      | -0.043    | 2.146 | 0.01      | 0.007     | 0         | 56.8 | 59.3 | 65.8 | 161        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 2    | 35     | 28     | 1.07      | -0.059    | 2.146 | 0.013     | 0.01      | 0         | 56.8 | 59.8 | 66.2 | 160        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 2    | 50     | 28     | 1.076     | -0.007    | 2.146 | 0.01      | 0.007     | 0         | 56.8 | 59.3 | 65.4 | 160        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 3    | 5      | 28     | 1.047     | -0.052    | 2.149 | 0.01      | 0.007     | 0         | 56.8 | 59.8 | 65.4 | 160        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 3    | 20     | 28     | 1.014     | -0.059    | 2.149 | 0.013     | 0.01      | 0         | 56.8 | 59.8 | 64.5 | 160        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 3    | 35     | 28     | 1.037     | -0.023    | 2.149 | 0.013     | 0.01      | 0         | 56.3 | 59.3 | 64.9 | 160        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 3    | 50     | 28     | 1.086     | -0.082    | 2.149 | 0.013     | 0.01      | 0         | 56.8 | 59.3 | 64.5 | 161        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 4    | 5      | 28     | 1.043     | -0.039    | 2.149 | 0.013     | 0.01      | 0         | 56.8 | 59.3 | 63.6 | 160        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 4    | 20     | 28     | 1.056     | -0.02     | 2.149 | 0.016     | 0.013     | 0         | 56.3 | 59.3 | 64.5 | 160        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 4    | 35     | 28     | 1.05      | -0.046    | 2.149 | 0.01      | 0.007     | 0         | 56.8 | 59.3 | 64.1 | 160        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 4    | 50     | 28     | 1.079     | -0.043    | 2.149 | 0.016     | 0.013     | 0         | 57.2 | 59.3 | 63.6 | 161        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 5    | 5      | 28     | 1.099     | -0.059    | 2.152 | 0.013     | 0.01      | 0         | 56.8 | 59.8 | 63.6 | 160        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 5    | 20     | 28     | 1.073     | -0.062    | 2.156 | 0.016     | 0.013     | 0         | 57.2 | 59.3 | 62.8 | 161        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 5    | 35     | 28     | 1.106     | -0.052    | 2.152 | 0.016     | 0.013     | 0         | 57.2 | 59.8 | 62.8 | 161        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 5    | 50     | 28     | 1.099     | -0.013    | 2.156 | 0.01      | 0.007     | 0         | 57.2 | 59.3 | 62.4 | 161        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 6    | 5      | 28     | 1.093     | -0.013    | 2.159 | 0.016     | 0.013     | 0         | 57.2 | 59.3 | 63.2 | 161        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 6    | 20     | 28     | 1.079     | -0.039    | 2.156 | 0.013     | 0.01      | 0         | 57.2 | 59.3 | 62.4 | 161        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 6    | 35     | 28     | 1.06      | -0.066    | 2.156 | 0.016     | 0.013     | 0         | 56.8 | 59.3 | 63.2 | 161        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 6    | 50     | 28     | 1.043     | -0.066    | 2.156 | 0.013     | 0.01      | 0         | 56.8 | 59.8 | 63.2 | 161        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 7    | 5      | 28     | 1.076     | -0.026    | 2.152 | 0.013     | 0.01      | 0         | 56.8 | 59.3 | 63.6 | 161        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 7    | 20     | 28     | 1.043     | -0.066    | 2.159 | 0.016     | 0.013     | 0         | 57.2 | 59.3 | 63.2 | 161        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 7    | 35     | 28     | 1.02      | -0.049    | 2.156 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 62.8 | 162        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 7    | 50     | 28     | 1.01      | -0.075    | 2.152 | 0.01      | 0.007     | 0         | 58   | 59.8 | 63.2 | 162        | 168        | 0          | 27     | 29     |
| 2009 | 6     | 20  | 8    | 5      | 28     | 1.02      | -0.056    | 2.149 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 63.6 | 162        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 8    | 20     | 28     | 1.056     | -0.056    | 2.152 | 0.01      | 0.007     | 0         | 56.8 | 59.8 | 62.8 | 161        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 8    | 35     | 28     | 1.056     | -0.072    | 2.152 | 0.013     | 0.01      | 0         | 56.8 | 59.8 | 63.2 | 161        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 8    | 50     | 28     | 1.047     | -0.066    | 2.149 | 0.013     | 0.01      | 0         | 56.8 | 59.8 | 63.6 | 161        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 9    | 5      | 28     | 1.102     | -0.03     | 2.149 | 0.01      | 0.007     | 0         | 56.3 | 59.3 | 63.6 | 160        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 9    | 20     | 28     | 1.086     | -0.059    | 2.146 | 0.016     | 0.013     | 0         | 57.2 | 59.8 | 64.1 | 161        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 9    | 35     | 28     | 1.056     | -0.052    | 2.146 | 0.013     | 0.01      | 0         | 57.2 | 59.8 | 64.5 | 161        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 9    | 50     | 28     | 1.02      | -0.056    | 2.146 | 0.016     | 0.013     | 0         | 56.8 | 59.8 | 64.1 | 160        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 10   | 5      | 28     | 1.06      | -0.03     | 2.146 | 0.016     | 0.013     | 0         | 56.3 | 59.3 | 64.9 | 160        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 10   | 20     | 28     | 1.086     | -0.046    | 2.146 | 0.013     | 0.01      | 0         | 56.8 | 59.8 | 64.9 | 160        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 10   | 35     | 28     | 1.083     | -0.026    | 2.142 | 0.01      | 0.007     | 0         | 56.8 | 59.8 | 65.8 | 160        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 10   | 50     | 28     | 1.083     | -0.043    | 2.142 | 0.013     | 0.01      | 0         | 56.3 | 60.2 | 65.4 | 160        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 11   | 5      | 28     | 1.05      | -0.033    | 2.142 | 0.013     | 0.01      | 0         | 56.8 | 58.9 | 65.4 | 160        | 167        | 0          | 28     | 30     |
| 2009 | 6     | 20  | 11   | 20     | 28     | 1.05      | -0.033    | 2.142 | 0.013     | 0.01      | 0         | 56.8 | 59.3 | 65.8 | 160        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 11   | 35     | 28     | 1.024     | -0.043    | 2.142 | 0.01      | 0.007     | 0         | 56.8 | 59.8 | 65.8 | 160        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 11   | 50     | 28     | 0.988     | -0.046    | 2.142 | 0.013     | 0.01      | 0         | 57.2 | 59.8 | 64.1 | 161        | 168        | 0          | 28     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 20  | 12   | 5      | 28     | 1.056     | -0.059    | 2.139 | 0.01      | 0.007     | 0         | 56.8 | 59.8 | 66.2 | 160        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 12   | 20     | 28     | 1.004     | -0.026    | 2.142 | 0.01      | 0.007     | 0         | 56.3 | 59.3 | 66.7 | 159        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 12   | 35     | 28     | 1.063     | -0.052    | 2.139 | 0.013     | 0.01      | 0         | 56.8 | 59.3 | 66.2 | 160        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 12   | 50     | 28     | 1.04      | -0.079    | 2.139 | 0.016     | 0.013     | 0         | 56.3 | 59.3 | 66.7 | 160        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 13   | 5      | 28     | 0.997     | -0.062    | 2.139 | 0.013     | 0.01      | 0         | 55.9 | 59.3 | 67.1 | 159        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 13   | 20     | 28     | 1.053     | -0.036    | 2.136 | 0.016     | 0.013     | 0         | 56.3 | 59.3 | 65.4 | 159        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 13   | 35     | 28     | 1.066     | -0.066    | 2.136 | 0.016     | 0.013     | 0         | 56.8 | 59.8 | 65.8 | 160        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 13   | 50     | 28     | 1.096     | -0.075    | 2.133 | 0.013     | 0.01      | 0         | 56.3 | 59.8 | 63.2 | 159        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 14   | 5      | 28     | 1.053     | -0.069    | 2.133 | 0.016     | 0.013     | 0         | 56.8 | 59.8 | 63.2 | 161        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 14   | 20     | 28     | 1.033     | -0.105    | 2.129 | 0.016     | 0.013     | 0         | 57.2 | 59.3 | 63.6 | 161        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 14   | 35     | 28     | 1.063     | -0.066    | 2.126 | 0.01      | 0.007     | 0         | 56.3 | 59.3 | 62.8 | 160        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 14   | 50     | 28     | 1.076     | -0.059    | 2.119 | 0.01      | 0.007     | 0         | 56.3 | 59.3 | 63.6 | 160        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 15   | 5      | 28     | 1.047     | -0.079    | 2.123 | 0.013     | 0.01      | 0         | 56.8 | 59.3 | 63.2 | 160        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 15   | 20     | 28     | 1.06      | -0.03     | 2.116 | 0.013     | 0.01      | 0         | 56.8 | 59.3 | 63.6 | 160        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 15   | 35     | 28     | 1.03      | -0.039    | 2.116 | 0.013     | 0.01      | 0         | 56.8 | 59.3 | 63.2 | 160        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 15   | 50     | 28     | 0.978     | -0.02     | 2.113 | 0.016     | 0.013     | 0         | 56.8 | 59.8 | 62.4 | 160        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 16   | 5      | 28     | 0.965     | -0.03     | 2.116 | 0.013     | 0.01      | 0         | 56.8 | 59.3 | 64.5 | 160        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 16   | 20     | 28     | 1.066     | -0.046    | 2.113 | 0.016     | 0.016     | 0         | 57.2 | 59.8 | 64.5 | 161        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 16   | 35     | 28     | 1.037     | -0.039    | 2.113 | 0.013     | 0.01      | 0         | 57.2 | 60.2 | 63.6 | 161        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 16   | 50     | 28     | 1.033     | -0.01     | 2.113 | 0.013     | 0.01      | 0         | 57.2 | 60.6 | 64.1 | 161        | 169        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 17   | 5      | 28     | 1.037     | -0.03     | 2.113 | 0.013     | 0.01      | 0         | 57.2 | 60.2 | 63.2 | 161        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 17   | 20     | 28     | 1.037     | -0.013    | 2.11  | 0.013     | 0.01      | 0         | 57.2 | 60.6 | 64.1 | 161        | 169        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 17   | 35     | 28     | 1.02      | -0.049    | 2.11  | 0.013     | 0.01      | 0         | 56.8 | 59.8 | 65.4 | 161        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 17   | 50     | 28     | 1.073     | -0.039    | 2.11  | 0.016     | 0.013     | 0         | 57.2 | 60.2 | 64.9 | 161        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 18   | 5      | 28     | 1.066     | -0.049    | 2.11  | 0.013     | 0.01      | 0         | 57.6 | 60.6 | 65.4 | 162        | 169        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 18   | 20     | 28     | 1.024     | -0.039    | 2.11  | 0.013     | 0.01      | 0         | 56.8 | 59.8 | 65.4 | 161        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 18   | 35     | 28     | 1.047     | -0.033    | 2.106 | 0.013     | 0.01      | 0         | 57.2 | 60.6 | 65.4 | 161        | 169        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 18   | 50     | 28     | 0.968     | -0.026    | 2.106 | 0.016     | 0.013     | 0         | 57.2 | 60.6 | 65.4 | 161        | 169        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 19   | 5      | 28     | 1.056     | -0.007    | 2.106 | 0.016     | 0.013     | 0         | 57.6 | 60.6 | 65.4 | 161        | 169        | 0          | 27     | 28     |
| 2009 | 6     | 20  | 19   | 20     | 28     | 1.07      | -0.026    | 2.106 | 0.016     | 0.013     | 0         | 57.2 | 60.6 | 65.8 | 161        | 169        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 19   | 35     | 28     | 1.033     | -0.075    | 2.106 | 0.016     | 0.013     | 0         | 57.6 | 60.6 | 65.8 | 162        | 169        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 19   | 50     | 28     | 1.001     | -0.062    | 2.103 | 0.01      | 0.007     | 0         | 57.2 | 60.6 | 65.8 | 162        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 20   | 5      | 28     | 1.05      | -0.003    | 2.106 | 0.01      | 0.007     | 0         | 57.6 | 60.2 | 65.8 | 162        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 20   | 20     | 28     | 1.07      | -0.036    | 2.106 | 0.016     | 0.013     | 0         | 57.6 | 59.8 | 65.8 | 162        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 20   | 35     | 28     | 1.033     | -0.023    | 2.103 | 0.01      | 0.007     | 0         | 57.6 | 60.2 | 65.8 | 162        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 20   | 50     | 28     | 1.001     | -0.046    | 2.103 | 0.016     | 0.013     | 0         | 57.2 | 60.6 | 60.2 | 162        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 21   | 5      | 28     | 1.024     | -0.039    | 2.1   | 0.016     | 0.013     | 0         | 57.6 | 60.2 | 62.4 | 162        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 21   | 20     | 28     | 0.997     | -0.046    | 2.1   | 0.016     | 0.013     | 0         | 58   | 60.2 | 60.2 | 163        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 21   | 35     | 28     | 1.017     | 0         | 2.1   | 0.016     | 0.013     | 0         | 57.6 | 60.6 | 59.3 | 162        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 21   | 50     | 28     | 0.968     | -0.052    | 2.1   | 0.013     | 0.01      | 0         | 57.6 | 60.2 | 62.4 | 162        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 22   | 5      | 28     | 1.004     | -0.023    | 2.1   | 0.013     | 0.01      | 0         | 57.6 | 60.2 | 63.6 | 162        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 22   | 20     | 28     | 0.951     | -0.036    | 2.096 | 0.013     | 0.01      | 0         | 57.2 | 59.8 | 59.3 | 161        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 22   | 35     | 28     | 0.974     | -0.013    | 2.096 | 0.01      | 0.007     | 0         | 56.8 | 59.8 | 60.2 | 161        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 22   | 50     | 28     | 0.958     | -0.033    | 2.096 | 0.013     | 0.01      | 0         | 56.8 | 60.6 | 56.3 | 161        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 23   | 5      | 28     | 0.951     | -0.023    | 2.096 | 0.013     | 0.01      | 0         | 58   | 61.1 | 56.3 | 162        | 170        | 0          | 27     | 28     |
| 2009 | 6     | 20  | 23   | 20     | 28     | 0.955     | -0.033    | 2.093 | 0.016     | 0.013     | 0         | 57.6 | 60.6 | 56.8 | 162        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 23   | 35     | 28     | 0.961     | -0.03     | 2.096 | 0.01      | 0.007     | 0         | 57.6 | 60.6 | 58.9 | 162        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 23   | 50     | 28     | 0.974     | -0.023    | 2.093 | 0.013     | 0.01      | 0         | 57.6 | 60.2 | 61.1 | 162        | 169        | 0          | 28     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 21  | 0    | 5      | 28     | 1.01      | -0.052    | 2.093 | 0.01      | 0.007     | 0         | 57.6 | 60.6 | 59.3 | 162        | 169        | 0          | 28     | 28     |
| 2009 | 6     | 21  | 0    | 20     | 28     | 1.06      | 0         | 2.093 | 0.013     | 0.01      | 0         | 57.2 | 60.2 | 63.2 | 161        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 0    | 35     | 28     | 1.014     | -0.046    | 2.093 | 0.013     | 0.01      | 0         | 57.2 | 60.2 | 63.6 | 161        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 0    | 50     | 28     | 0.961     | -0.003    | 2.09  | 0.016     | 0.013     | 0         | 57.2 | 60.6 | 58   | 161        | 169        | 0          | 28     | 28     |
| 2009 | 6     | 21  | 1    | 5      | 28     | 0.974     | 0         | 2.09  | 0.013     | 0.01      | 0         | 57.2 | 60.6 | 57.6 | 161        | 169        | 0          | 28     | 28     |
| 2009 | 6     | 21  | 1    | 20     | 28     | 0.978     | -0.059    | 2.09  | 0.01      | 0.007     | 0         | 57.2 | 60.2 | 60.2 | 161        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 1    | 35     | 28     | 1.05      | -0.056    | 2.093 | 0.013     | 0.01      | 0         | 56.8 | 59.8 | 64.9 | 160        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 1    | 50     | 28     | 1.024     | -0.052    | 2.09  | 0.013     | 0.01      | 0         | 56.3 | 59.8 | 62.8 | 160        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 2    | 5      | 28     | 1.056     | -0.013    | 2.093 | 0.013     | 0.01      | 0         | 56.8 | 60.2 | 62.8 | 160        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 21  | 2    | 20     | 28     | 1.056     | 0.003     | 2.093 | 0.016     | 0.013     | 0         | 56.3 | 59.8 | 64.5 | 160        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 2    | 35     | 28     | 1.066     | -0.03     | 2.09  | 0.013     | 0.01      | 0         | 56.8 | 60.2 | 64.1 | 160        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 21  | 2    | 50     | 28     | 1.066     | -0.059    | 2.09  | 0.016     | 0.013     | 0         | 56.8 | 59.8 | 63.6 | 160        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 3    | 5      | 28     | 1.05      | 0.007     | 2.09  | 0.016     | 0.013     | 0         | 56.3 | 59.8 | 64.1 | 160        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 3    | 20     | 28     | 1.05      | -0.03     | 2.09  | 0.016     | 0.013     | 0         | 56.3 | 59.8 | 63.6 | 160        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 3    | 35     | 28     | 1.079     | -0.066    | 2.09  | 0.013     | 0.01      | 0         | 56.3 | 59.8 | 64.9 | 159        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 3    | 50     | 28     | 1.047     | -0.007    | 2.09  | 0.013     | 0.01      | 0         | 56.3 | 58.9 | 64.9 | 159        | 167        | 0          | 28     | 30     |
| 2009 | 6     | 21  | 4    | 5      | 28     | 1.106     | -0.03     | 2.09  | 0.01      | 0.007     | 0         | 56.3 | 59.8 | 64.9 | 159        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 4    | 20     | 28     | 1.017     | -0.026    | 2.09  | 0.013     | 0.01      | 0         | 55.9 | 59.3 | 64.9 | 158        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 4    | 35     | 28     | 0.955     | -0.016    | 2.09  | 0.013     | 0.01      | 0         | 55.9 | 59.8 | 61.9 | 159        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 4    | 50     | 28     | 1.043     | -0.013    | 2.09  | 0.013     | 0.01      | 0         | 56.3 | 59.3 | 63.2 | 159        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 5    | 5      | 28     | 0.984     | -0.01     | 2.087 | 0.01      | 0.007     | 0         | 56.8 | 60.2 | 62.4 | 160        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 21  | 5    | 20     | 28     | 1.043     | -0.059    | 2.09  | 0.01      | 0.007     | 0         | 56.3 | 59.8 | 64.1 | 160        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 5    | 35     | 28     | 1.063     | -0.039    | 2.09  | 0.016     | 0.013     | 0         | 56.3 | 59.3 | 65.4 | 159        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 5    | 50     | 28     | 1.066     | -0.03     | 2.09  | 0.013     | 0.01      | 0         | 55.9 | 58.9 | 65.8 | 159        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 21  | 6    | 5      | 28     | 1.047     | -0.03     | 2.093 | 0.01      | 0.007     | 0         | 55.9 | 59.3 | 65.8 | 159        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 6    | 20     | 28     | 1.043     | -0.043    | 2.093 | 0.013     | 0.01      | 0         | 56.3 | 59.3 | 65.8 | 159        | 168        | 0          | 28     | 30     |
| 2009 | 6     | 21  | 6    | 35     | 28     | 1.079     | -0.052    | 2.09  | 0.01      | 0.007     | 0         | 55.9 | 59.8 | 65.8 | 159        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 6    | 50     | 28     | 1.089     | -0.085    | 2.09  | 0.01      | 0.007     | 0         | 55.5 | 59.3 | 66.7 | 158        | 168        | 0          | 29     | 30     |
| 2009 | 6     | 21  | 7    | 5      | 28     | 1.089     | -0.046    | 2.09  | 0.016     | 0.013     | 0         | 55.9 | 59.3 | 65.8 | 159        | 168        | 0          | 29     | 30     |
| 2009 | 6     | 21  | 7    | 20     | 28     | 1.027     | -0.075    | 2.09  | 0.016     | 0.013     | 0         | 56.3 | 59.3 | 65.8 | 160        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 7    | 35     | 28     | 1.024     | -0.033    | 2.09  | 0.01      | 0.007     | 0         | 55.9 | 59.3 | 66.7 | 159        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 7    | 50     | 28     | 1.06      | -0.039    | 2.09  | 0.01      | 0.007     | 0         | 56.3 | 59.8 | 65.8 | 159        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 8    | 5      | 28     | 1.043     | -0.03     | 2.09  | 0.01      | 0.007     | 0         | 56.3 | 59.3 | 66.7 | 159        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 8    | 20     | 28     | 1.099     | -0.049    | 2.09  | 0.01      | 0.007     | 0         | 56.3 | 59.3 | 66.7 | 160        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 8    | 35     | 28     | 1.086     | -0.026    | 2.09  | 0.013     | 0.01      | 0         | 55.9 | 59.3 | 66.7 | 159        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 8    | 50     | 28     | 1.05      | -0.033    | 2.09  | 0.01      | 0.007     | 0         | 56.8 | 59.8 | 66.2 | 160        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 9    | 5      | 28     | 1.06      | -0.056    | 2.09  | 0.013     | 0.01      | 0         | 56.3 | 59.8 | 66.7 | 160        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 9    | 20     | 28     | 1.07      | -0.102    | 2.09  | 0.013     | 0.01      | 0         | 56.3 | 59.8 | 66.2 | 160        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 9    | 35     | 28     | 1.04      | -0.118    | 2.09  | 0.013     | 0.01      | 0         | 56.3 | 59.3 | 66.7 | 160        | 168        | 0          | 29     | 30     |
| 2009 | 6     | 21  | 9    | 50     | 28     | 1.099     | -0.059    | 2.09  | 0.013     | 0.01      | 0         | 55.9 | 59.8 | 66.2 | 160        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 10   | 5      | 28     | 1.086     | -0.062    | 2.093 | 0.01      | 0.007     | 0         | 55.9 | 58.9 | 66.7 | 159        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 21  | 10   | 20     | 28     | 1.06      | -0.056    | 2.093 | 0.01      | 0.007     | 0         | 55.9 | 59.3 | 66.2 | 159        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 10   | 35     | 28     | 1.089     | -0.033    | 2.093 | 0.013     | 0.01      | 0         | 56.3 | 59.3 | 66.2 | 159        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 10   | 50     | 28     | 1.079     | -0.052    | 2.093 | 0.01      | 0.007     | 0         | 56.3 | 59.3 | 66.7 | 159        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 11   | 5      | 28     | 1.079     | -0.036    | 2.093 | 0.013     | 0.01      | 0         | 55.9 | 59.3 | 66.2 | 159        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 11   | 20     | 28     | 1.056     | -0.039    | 2.093 | 0.01      | 0.007     | 0         | 55.9 | 59.3 | 66.2 | 159        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 11   | 35     | 28     | 1.115     | -0.059    | 2.093 | 0.01      | 0.007     | 0         | 55.9 | 59.3 | 65.8 | 159        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 11   | 50     | 28     | 1.096     | -0.049    | 2.093 | 0.013     | 0.01      | 0         | 56.3 | 59.8 | 66.7 | 159        | 168        | 0          | 28     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 21  | 12   | 5      | 28     | 1.115     | -0.072    | 2.093 | 0.016     | 0.013     | 0         | 55.9 | 59.3 | 65.4 | 159        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 12   | 20     | 28     | 1.115     | -0.049    | 2.096 | 0.01      | 0.007     | 0         | 56.3 | 59.8 | 65.8 | 159        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 12   | 35     | 28     | 1.099     | -0.02     | 2.093 | 0.01      | 0.007     | 0         | 55.9 | 59.8 | 65.4 | 159        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 12   | 50     | 28     | 1.093     | -0.046    | 2.093 | 0.01      | 0.007     | 0         | 55.5 | 59.8 | 66.2 | 158        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 13   | 5      | 28     | 1.063     | -0.049    | 2.096 | 0.01      | 0.007     | 0         | 55.9 | 59.3 | 64.5 | 158        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 13   | 20     | 28     | 1.102     | -0.046    | 2.096 | 0.013     | 0.01      | 0         | 55.9 | 59.8 | 66.2 | 158        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 13   | 35     | 28     | 1.083     | -0.036    | 2.096 | 0.013     | 0.01      | 0         | 56.8 | 60.2 | 63.2 | 160        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 13   | 50     | 28     | 1.037     | -0.033    | 2.096 | 0.016     | 0.013     | 0         | 56.8 | 60.2 | 64.1 | 160        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 14   | 5      | 28     | 1.076     | -0.046    | 2.096 | 0.013     | 0.01      | 0         | 56.8 | 60.2 | 64.5 | 160        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 14   | 20     | 28     | 1.125     | -0.059    | 2.096 | 0.016     | 0.013     | 0         | 56.8 | 60.6 | 64.9 | 160        | 169        | 0          | 28     | 28     |
| 2009 | 6     | 21  | 14   | 35     | 28     | 1.122     | -0.046    | 2.096 | 0.016     | 0.013     | 0         | 57.2 | 60.2 | 64.1 | 161        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 14   | 50     | 28     | 1.086     | -0.049    | 2.096 | 0.01      | 0.007     | 0         | 56.8 | 60.2 | 63.2 | 160        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 15   | 5      | 28     | 1.033     | -0.072    | 2.096 | 0.016     | 0.013     | 0         | 57.2 | 60.2 | 65.8 | 161        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 15   | 20     | 28     | 1.056     | -0.085    | 2.096 | 0.016     | 0.013     | 0         | 56.8 | 60.2 | 62.8 | 161        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 15   | 35     | 28     | 1.05      | -0.079    | 2.096 | 0.01      | 0.007     | 0         | 56.8 | 60.2 | 64.5 | 161        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 15   | 50     | 28     | 1.066     | -0.046    | 2.096 | 0.016     | 0.013     | 0         | 56.3 | 60.2 | 65.8 | 160        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 16   | 5      | 28     | 1.066     | -0.046    | 2.096 | 0.013     | 0.01      | 0         | 56.8 | 60.2 | 64.9 | 161        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 16   | 20     | 28     | 1.079     | -0.062    | 2.096 | 0.016     | 0.013     | 0         | 56.3 | 60.2 | 65.4 | 160        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 16   | 35     | 28     | 1.109     | -0.039    | 2.1   | 0.016     | 0.013     | 0         | 57.2 | 60.6 | 64.9 | 161        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 16   | 50     | 28     | 1.122     | -0.01     | 2.1   | 0.013     | 0.01      | 0         | 57.2 | 60.2 | 65.8 | 161        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 17   | 5      | 28     | 1.037     | -0.039    | 2.1   | 0.016     | 0.013     | 0         | 56.8 | 60.6 | 64.9 | 161        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 17   | 20     | 28     | 1.053     | -0.052    | 2.1   | 0.016     | 0.013     | 0         | 57.2 | 59.8 | 65.8 | 161        | 169        | 0          | 28     | 30     |
| 2009 | 6     | 21  | 17   | 35     | 28     | 1.07      | -0.03     | 2.1   | 0.013     | 0.01      | 0         | 57.2 | 60.2 | 64.5 | 161        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 17   | 50     | 28     | 1.073     | -0.02     | 2.1   | 0.013     | 0.01      | 0         | 57.2 | 60.6 | 65.4 | 161        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 18   | 5      | 28     | 1.083     | -0.056    | 2.1   | 0.013     | 0.01      | 0         | 56.8 | 60.6 | 65.4 | 161        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 18   | 20     | 28     | 1.063     | -0.036    | 2.103 | 0.013     | 0.01      | 0         | 56.8 | 61.1 | 65.4 | 161        | 170        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 18   | 35     | 28     | 1.066     | -0.013    | 2.103 | 0.013     | 0.01      | 0         | 57.2 | 60.6 | 64.9 | 161        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 18   | 50     | 28     | 1.066     | -0.039    | 2.103 | 0.013     | 0.01      | 0         | 57.2 | 60.6 | 64.9 | 161        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 19   | 5      | 28     | 1.047     | -0.052    | 2.103 | 0.016     | 0.013     | 0         | 57.2 | 60.6 | 64.5 | 161        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 19   | 20     | 28     | 1.07      | -0.098    | 2.103 | 0.013     | 0.01      | 0         | 56.8 | 61.1 | 64.9 | 161        | 170        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 19   | 35     | 28     | 1.102     | -0.056    | 2.103 | 0.01      | 0.007     | 0         | 56.8 | 60.6 | 65.4 | 161        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 19   | 50     | 28     | 1.05      | -0.056    | 2.103 | 0.013     | 0.01      | 0         | 56.8 | 60.6 | 65.4 | 161        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 20   | 5      | 28     | 1.096     | -0.075    | 2.103 | 0.01      | 0.007     | 0         | 57.2 | 61.1 | 65.4 | 161        | 170        | 0          | 28     | 28     |
| 2009 | 6     | 21  | 20   | 20     | 28     | 1.027     | -0.066    | 2.106 | 0.013     | 0.01      | 0         | 56.8 | 61.1 | 64.9 | 161        | 170        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 20   | 35     | 28     | 1.02      | -0.046    | 2.106 | 0.016     | 0.013     | 0         | 56.3 | 60.6 | 64.9 | 160        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 20   | 50     | 28     | 1.06      | -0.056    | 2.106 | 0.016     | 0.013     | 0         | 56.3 | 60.6 | 64.5 | 160        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 21   | 5      | 28     | 1.03      | -0.026    | 2.106 | 0.016     | 0.016     | 0         | 56.8 | 60.6 | 64.1 | 160        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 21   | 20     | 28     | 1.076     | -0.03     | 2.106 | 0.01      | 0.007     | 0         | 56.3 | 60.6 | 64.1 | 160        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 21   | 35     | 28     | 1.152     | -0.039    | 2.106 | 0.01      | 0.007     | 0         | 56.8 | 60.6 | 62.8 | 160        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 21   | 50     | 28     | 1.079     | -0.059    | 2.11  | 0.01      | 0.007     | 0         | 56.8 | 60.6 | 62.8 | 160        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 22   | 5      | 28     | 1.063     | -0.052    | 2.11  | 0.013     | 0.01      | 0         | 56.8 | 60.6 | 63.2 | 160        | 169        | 0          | 28     | 28     |
| 2009 | 6     | 21  | 22   | 20     | 28     | 1.099     | -0.023    | 2.11  | 0.013     | 0.01      | 0         | 56.8 | 60.6 | 62.8 | 160        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 22   | 35     | 28     | 1.066     | -0.046    | 2.113 | 0.013     | 0.01      | 0         | 56.8 | 61.1 | 63.2 | 160        | 170        | 0          | 28     | 28     |
| 2009 | 6     | 21  | 22   | 50     | 28     | 1.109     | 0.007     | 2.113 | 0.013     | 0.01      | 0         | 56.8 | 61.1 | 62.8 | 160        | 170        | 0          | 28     | 28     |
| 2009 | 6     | 21  | 23   | 5      | 28     | 1.073     | -0.043    | 2.116 | 0.013     | 0.01      | 0         | 55.5 | 59.3 | 62.4 | 158        | 168        | 0          | 29     | 30     |
| 2009 | 6     | 21  | 23   | 20     | 28     | 1.066     | 0.003     | 2.119 | 0.01      | 0.007     | 0         | 55.9 | 59.8 | 62.4 | 159        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 23   | 35     | 28     | 1.096     | -0.026    | 2.123 | 0.016     | 0.013     | 0         | 55.5 | 60.2 | 62.8 | 158        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 23   | 50     | 28     | 1.07      | -0.046    | 2.123 | 0.01      | 0.007     | 0         | 55.9 | 59.8 | 62.8 | 158        | 168        | 0          | 28     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 22  | 0    | 5      | 28     | 1.079     | -0.046    | 2.123 | 0.013     | 0.01      | 0         | 57.6 | 59.8 | 62.4 | 162        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 0    | 20     | 28     | 1.06      | -0.016    | 2.126 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 62.4 | 162        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 0    | 35     | 28     | 1.037     | -0.02     | 2.123 | 0.016     | 0.013     | 0         | 57.2 | 59.8 | 60.6 | 162        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 0    | 50     | 28     | 1.014     | -0.026    | 2.123 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 58.5 | 162        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 1    | 5      | 28     | 0.997     | -0.026    | 2.126 | 0.01      | 0.007     | 0         | 58   | 60.2 | 58   | 164        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 22  | 1    | 20     | 28     | 1.014     | -0.01     | 2.126 | 0.013     | 0.01      | 0         | 58.5 | 60.2 | 58   | 164        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 1    | 35     | 28     | 0.958     | -0.03     | 2.126 | 0.013     | 0.01      | 0         | 58.9 | 60.2 | 56.8 | 165        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 1    | 50     | 28     | 0.922     | -0.013    | 2.126 | 0.013     | 0.01      | 0         | 58.5 | 60.6 | 54.6 | 165        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 2    | 5      | 28     | 0.971     | -0.007    | 2.129 | 0.013     | 0.01      | 0         | 59.3 | 61.1 | 54.2 | 166        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 2    | 20     | 28     | 0.945     | 0         | 2.129 | 0.01      | 0.007     | 0         | 59.3 | 61.5 | 52.5 | 167        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 2    | 35     | 28     | 1.001     | 0         | 2.129 | 0.013     | 0.01      | 0         | 59.3 | 61.9 | 55   | 166        | 172        | 0          | 28     | 28     |
| 2009 | 6     | 22  | 2    | 50     | 28     | 0.961     | -0.007    | 2.133 | 0.01      | 0.007     | 0         | 59.3 | 61.5 | 55   | 166        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 3    | 5      | 28     | 0.991     | 0.003     | 2.129 | 0.01      | 0.007     | 0         | 59.3 | 61.5 | 55.5 | 166        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 3    | 20     | 28     | 1.014     | -0.013    | 2.133 | 0.01      | 0.007     | 0         | 58.9 | 61.5 | 55   | 166        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 3    | 35     | 28     | 0.892     | -0.02     | 2.133 | 0.01      | 0.007     | 0         | 59.3 | 61.5 | 54.6 | 166        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 3    | 50     | 28     | 0.951     | -0.036    | 2.133 | 0.01      | 0.007     | 0         | 59.3 | 61.1 | 55   | 166        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 4    | 5      | 28     | 0.978     | -0.039    | 2.133 | 0.01      | 0.007     | 0         | 58.5 | 61.1 | 55.5 | 165        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 4    | 20     | 28     | 0.981     | -0.016    | 2.133 | 0.01      | 0.007     | 0         | 58.5 | 61.1 | 57.6 | 165        | 170        | 0          | 29     | 28     |
| 2009 | 6     | 22  | 4    | 35     | 28     | 1.004     | -0.033    | 2.133 | 0.013     | 0.01      | 0         | 58   | 60.6 | 57.2 | 164        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 4    | 50     | 28     | 0.958     | -0.023    | 2.133 | 0.01      | 0.007     | 0         | 58   | 60.6 | 55.5 | 164        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 5    | 5      | 28     | 0.945     | -0.033    | 2.133 | 0.013     | 0.01      | 0         | 58   | 60.6 | 54.6 | 164        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 22  | 5    | 20     | 28     | 0.988     | -0.046    | 2.133 | 0.01      | 0.007     | 0         | 58.5 | 60.6 | 54.6 | 165        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 5    | 35     | 28     | 0.955     | -0.01     | 2.133 | 0.016     | 0.013     | 0         | 58.5 | 61.1 | 54.2 | 165        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 5    | 50     | 28     | 0.925     | -0.046    | 2.136 | 0.016     | 0.013     | 0         | 58.5 | 60.6 | 54.6 | 164        | 171        | 0          | 28     | 30     |
| 2009 | 6     | 22  | 6    | 5      | 28     | 0.971     | -0.03     | 2.136 | 0.013     | 0.01      | 0         | 57.6 | 60.6 | 53.3 | 163        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 22  | 6    | 20     | 28     | 0.971     | -0.02     | 2.136 | 0.013     | 0.01      | 0         | 58.5 | 61.1 | 53.3 | 165        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 6    | 35     | 28     | 0.978     | -0.026    | 2.136 | 0.013     | 0.01      | 0         | 58.5 | 60.6 | 53.8 | 165        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 22  | 6    | 50     | 28     | 0.945     | -0.01     | 2.136 | 0.013     | 0.01      | 0         | 58.5 | 61.1 | 52.9 | 165        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 7    | 5      | 28     | 0.961     | -0.043    | 2.139 | 0.016     | 0.013     | 0         | 58.5 | 61.1 | 52.9 | 165        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 7    | 20     | 28     | 0.922     | -0.052    | 2.136 | 0.01      | 0.007     | 0         | 58.5 | 61.5 | 52   | 165        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 7    | 35     | 28     | 1.001     | -0.043    | 2.136 | 0.01      | 0.007     | 0         | 58.9 | 61.5 | 52.9 | 165        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 7    | 50     | 28     | 0.942     | -0.016    | 2.139 | 0.013     | 0.01      | 0         | 58.5 | 61.1 | 52   | 165        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 22  | 8    | 5      | 28     | 0.997     | -0.01     | 2.136 | 0.013     | 0.01      | 0         | 58.9 | 61.5 | 50.3 | 166        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 22  | 8    | 20     | 28     | 0.909     | -0.007    | 2.139 | 0.013     | 0.01      | 0         | 58.9 | 61.5 | 50.3 | 166        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 22  | 8    | 35     | 28     | 0.942     | -0.013    | 2.139 | 0.01      | 0.007     | 0         | 58.9 | 61.9 | 52.5 | 166        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 8    | 50     | 28     | 0.974     | -0.013    | 2.139 | 0.013     | 0.01      | 0         | 58.9 | 61.5 | 53.3 | 166        | 173        | 0          | 29     | 30     |
| 2009 | 6     | 22  | 9    | 5      | 28     | 0.945     | -0.02     | 2.139 | 0.013     | 0.01      | 0         | 58.5 | 61.9 | 53.3 | 165        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 9    | 20     | 28     | 0.932     | 0.003     | 2.142 | 0.01      | 0.007     | 0         | 58.5 | 61.1 | 54.6 | 165        | 172        | 0          | 29     | 30     |
| 2009 | 6     | 22  | 9    | 35     | 28     | 0.988     | -0.062    | 2.139 | 0.01      | 0.007     | 0         | 58.5 | 60.6 | 54.6 | 164        | 171        | 0          | 28     | 30     |
| 2009 | 6     | 22  | 9    | 50     | 28     | 0.984     | -0.023    | 2.142 | 0.016     | 0.013     | 0         | 58.5 | 61.1 | 55.9 | 164        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 10   | 5      | 28     | 0.965     | -0.036    | 2.142 | 0.013     | 0.01      | 0         | 57.6 | 61.1 | 55   | 163        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 10   | 20     | 28     | 0.991     | -0.046    | 2.142 | 0.01      | 0.007     | 0         | 58   | 61.1 | 57.6 | 163        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 10   | 35     | 28     | 1.037     | -0.036    | 2.142 | 0.013     | 0.01      | 0         | 57.6 | 60.6 | 58.5 | 163        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 10   | 50     | 28     | 1.037     | -0.046    | 2.146 | 0.013     | 0.01      | 0         | 57.2 | 60.6 | 58.9 | 162        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 11   | 5      | 28     | 1.073     | -0.046    | 2.146 | 0.013     | 0.01      | 0         | 56.8 | 60.2 | 61.9 | 161        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 22  | 11   | 20     | 28     | 1.056     | -0.033    | 2.146 | 0.01      | 0.007     | 0         | 56.8 | 60.6 | 62.8 | 161        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 11   | 35     | 28     | 1.047     | -0.02     | 2.149 | 0.013     | 0.01      | 0         | 56.8 | 60.2 | 61.9 | 161        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 11   | 50     | 28     | 1.03      | -0.043    | 2.152 | 0.016     | 0.013     | 0         | 56.8 | 60.2 | 62.8 | 161        | 169        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 22  | 12   | 5      | 28     | 1.03      | -0.052    | 2.152 | 0.013     | 0.01      | 0         | 56.8 | 60.2 | 62.4 | 161        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 12   | 20     | 28     | 1.089     | -0.013    | 2.149 | 0.013     | 0.01      | 0         | 57.2 | 60.2 | 63.2 | 161        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 12   | 35     | 28     | 1.093     | -0.03     | 2.149 | 0.013     | 0.01      | 0         | 56.3 | 60.2 | 62.8 | 160        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 12   | 50     | 28     | 1.066     | -0.016    | 2.152 | 0.01      | 0.007     | 0         | 56.8 | 60.2 | 63.2 | 160        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 13   | 5      | 28     | 1.014     | 0         | 2.156 | 0.013     | 0.01      | 0         | 56.8 | 60.2 | 63.2 | 160        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 13   | 20     | 28     | 1.096     | 0         | 2.152 | 0.013     | 0.01      | 0         | 56.8 | 60.2 | 62.4 | 160        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 13   | 35     | 28     | 1.079     | -0.03     | 2.159 | 0.013     | 0.01      | 0         | 57.2 | 60.6 | 61.9 | 161        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 13   | 50     | 28     | 1.086     | -0.003    | 2.156 | 0.013     | 0.01      | 0         | 57.2 | 60.2 | 61.9 | 161        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 14   | 5      | 28     | 1.053     | -0.007    | 2.159 | 0.016     | 0.013     | 0         | 56.8 | 60.2 | 61.9 | 161        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 14   | 20     | 28     | 1.066     | 0         | 2.159 | 0.01      | 0.007     | 0         | 56.3 | 59.8 | 62.4 | 160        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 22  | 14   | 35     | 28     | 1.076     | -0.046    | 2.159 | 0.016     | 0.013     | 0         | 56.8 | 60.2 | 61.5 | 161        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 14   | 50     | 28     | 1.089     | -0.013    | 2.159 | 0.013     | 0.01      | 0         | 57.2 | 60.2 | 60.6 | 161        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 15   | 5      | 28     | 1.086     | -0.033    | 2.159 | 0.013     | 0.01      | 0         | 56.3 | 60.2 | 61.9 | 160        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 15   | 20     | 28     | 1.014     | 0         | 2.162 | 0.01      | 0.007     | 0         | 56.8 | 60.2 | 63.2 | 160        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 15   | 35     | 28     | 1.093     | -0.026    | 2.165 | 0.013     | 0.01      | 0         | 56.8 | 59.8 | 63.6 | 160        | 169        | 0          | 28     | 30     |
| 2009 | 6     | 22  | 15   | 50     | 28     | 1.053     | -0.03     | 2.162 | 0.01      | 0.007     | 0         | 56.3 | 59.8 | 62.8 | 159        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 16   | 5      | 28     | 1.076     | 0         | 2.162 | 0.01      | 0.007     | 0         | 56.3 | 59.8 | 62.4 | 159        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 16   | 20     | 28     | 1.033     | -0.03     | 2.165 | 0.016     | 0.013     | 0         | 56.3 | 60.2 | 63.2 | 159        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 22  | 16   | 35     | 28     | 1.033     | 0.003     | 2.169 | 0.016     | 0.013     | 0         | 55.9 | 59.8 | 64.5 | 159        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 16   | 50     | 28     | 1.05      | -0.007    | 2.165 | 0.013     | 0.01      | 0         | 55.5 | 59.8 | 64.1 | 158        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 17   | 5      | 28     | 1.004     | 0         | 2.165 | 0.013     | 0.01      | 0         | 55.5 | 59.8 | 63.6 | 158        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 17   | 20     | 28     | 1.073     | -0.059    | 2.169 | 0.013     | 0.01      | 0         | 55.9 | 59.8 | 64.5 | 159        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 17   | 35     | 28     | 1.043     | -0.033    | 2.169 | 0.013     | 0.01      | 0         | 55.5 | 59.8 | 64.5 | 158        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 17   | 50     | 28     | 1.033     | -0.03     | 2.169 | 0.013     | 0.01      | 0         | 55.9 | 59.8 | 64.9 | 158        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 18   | 5      | 28     | 1.007     | -0.026    | 2.169 | 0.013     | 0.01      | 0         | 56.3 | 60.2 | 64.1 | 160        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 18   | 20     | 28     | 1.063     | -0.007    | 2.172 | 0.013     | 0.01      | 0         | 55.9 | 60.2 | 64.5 | 159        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 18   | 35     | 28     | 1.056     | 0.01      | 2.169 | 0.016     | 0.016     | 0         | 56.3 | 60.2 | 64.1 | 159        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 22  | 18   | 50     | 28     | 1.033     | -0.03     | 2.172 | 0.013     | 0.01      | 0         | 55.9 | 59.8 | 64.9 | 158        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 19   | 5      | 28     | 1.017     | 0.003     | 2.172 | 0.01      | 0.007     | 0         | 55.9 | 60.2 | 64.5 | 158        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 22  | 19   | 20     | 28     | 1.063     | -0.046    | 2.172 | 0.013     | 0.01      | 0         | 55.9 | 59.8 | 65.4 | 159        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 19   | 35     | 28     | 1.086     | 0         | 2.172 | 0.013     | 0.01      | 0         | 55.9 | 59.8 | 65.8 | 159        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 19   | 50     | 28     | 1.05      | -0.03     | 2.172 | 0.01      | 0.007     | 0         | 56.3 | 59.8 | 65.8 | 159        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 20   | 5      | 28     | 1.093     | -0.039    | 2.172 | 0.013     | 0.01      | 0         | 55.9 | 59.8 | 65.8 | 158        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 20   | 20     | 28     | 1.033     | -0.016    | 2.175 | 0.013     | 0.01      | 0         | 55.5 | 59.8 | 66.2 | 158        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 20   | 35     | 28     | 1.083     | -0.03     | 2.175 | 0.013     | 0.01      | 0         | 55.9 | 59.8 | 66.7 | 158        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 20   | 50     | 28     | 1.056     | -0.02     | 2.175 | 0.01      | 0.007     | 0         | 55.5 | 60.2 | 66.7 | 157        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 22  | 21   | 5      | 28     | 1.053     | -0.023    | 2.175 | 0.013     | 0.01      | 0         | 55.9 | 59.8 | 67.1 | 158        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 21   | 20     | 28     | 1.076     | 0         | 2.175 | 0.016     | 0.013     | 0         | 55.9 | 59.8 | 67.1 | 158        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 21   | 35     | 28     | 1.053     | -0.033    | 2.175 | 0.016     | 0.013     | 0         | 55.5 | 59.8 | 67.1 | 157        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 21   | 50     | 28     | 1.03      | -0.013    | 2.175 | 0.013     | 0.01      | 0         | 55.9 | 59.3 | 66.7 | 157        | 167        | 0          | 27     | 29     |
| 2009 | 6     | 22  | 22   | 5      | 28     | 1.07      | -0.03     | 2.175 | 0.016     | 0.013     | 0         | 54.6 | 59.8 | 66.7 | 156        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 22   | 20     | 28     | 1.063     | 0         | 2.175 | 0.016     | 0.013     | 0         | 54.6 | 59.3 | 67.1 | 156        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 22   | 35     | 28     | 1.053     | -0.046    | 2.178 | 0.013     | 0.01      | 0         | 55   | 59.3 | 67.1 | 156        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 22   | 50     | 28     | 1.066     | -0.026    | 2.178 | 0.013     | 0.01      | 0         | 55   | 59.8 | 66.7 | 157        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 23   | 5      | 28     | 1.037     | -0.033    | 2.178 | 0.013     | 0.01      | 0         | 55   | 59.3 | 66.7 | 156        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 23   | 20     | 28     | 1.106     | -0.007    | 2.178 | 0.01      | 0.007     | 0         | 54.6 | 58.9 | 66.7 | 155        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 23   | 35     | 28     | 1.066     | 0.003     | 2.178 | 0.016     | 0.013     | 0         | 54.6 | 58.9 | 67.1 | 155        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 23   | 50     | 28     | 1.014     | 0         | 2.178 | 0.016     | 0.013     | 0         | 54.6 | 58.9 | 66.2 | 155        | 166        | 0          | 28     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 23  | 0    | 5      | 28     | 1.05      | -0.036    | 2.178 | 0.01      | 0.007     | 0         | 54.6 | 58.9 | 67.5 | 155        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 0    | 20     | 28     | 1.027     | -0.016    | 2.178 | 0.01      | 0.007     | 0         | 54.6 | 59.3 | 66.7 | 155        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 23  | 0    | 35     | 28     | 1.04      | 0         | 2.178 | 0.013     | 0.01      | 0         | 53.8 | 58.9 | 66.2 | 154        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 0    | 50     | 28     | 1.047     | -0.033    | 2.178 | 0.01      | 0.007     | 0         | 54.2 | 58.9 | 67.1 | 155        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 1    | 5      | 28     | 1.03      | -0.016    | 2.178 | 0.01      | 0.007     | 0         | 54.2 | 58.5 | 67.1 | 155        | 166        | 0          | 29     | 30     |
| 2009 | 6     | 23  | 1    | 20     | 28     | 1.027     | -0.033    | 2.182 | 0.01      | 0.007     | 0         | 55   | 58.9 | 66.7 | 156        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 1    | 35     | 28     | 1.027     | -0.033    | 2.178 | 0.01      | 0.007     | 0         | 55   | 58.9 | 66.7 | 156        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 1    | 50     | 28     | 0.974     | -0.01     | 2.182 | 0.013     | 0.01      | 0         | 54.6 | 58.9 | 66.2 | 156        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 2    | 5      | 28     | 1.02      | -0.039    | 2.178 | 0.01      | 0.007     | 0         | 55   | 58.9 | 64.1 | 156        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 2    | 20     | 28     | 0.948     | -0.052    | 2.182 | 0.013     | 0.01      | 0         | 55.5 | 58.9 | 62.8 | 158        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 2    | 35     | 28     | 0.965     | -0.016    | 2.178 | 0.013     | 0.01      | 0         | 56.8 | 59.3 | 61.9 | 160        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 2    | 50     | 28     | 0.991     | -0.02     | 2.178 | 0.016     | 0.013     | 0         | 56.3 | 58.9 | 59.8 | 160        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 23  | 3    | 5      | 28     | 0.978     | -0.043    | 2.182 | 0.013     | 0.01      | 0         | 56.3 | 58.9 | 61.1 | 159        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 3    | 20     | 28     | 1.01      | -0.016    | 2.178 | 0.013     | 0.01      | 0         | 56.3 | 59.3 | 59.8 | 160        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 3    | 35     | 28     | 1.007     | -0.03     | 2.182 | 0.01      | 0.007     | 0         | 55.9 | 59.3 | 61.1 | 159        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 3    | 50     | 28     | 1.02      | 0.007     | 2.182 | 0.013     | 0.01      | 0         | 56.3 | 59.3 | 62.4 | 160        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 4    | 5      | 28     | 1.05      | -0.043    | 2.182 | 0.016     | 0.013     | 0         | 56.3 | 59.3 | 64.9 | 159        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 23  | 4    | 20     | 28     | 1.047     | -0.049    | 2.185 | 0.016     | 0.013     | 0         | 56.8 | 59.3 | 64.5 | 160        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 4    | 35     | 28     | 1.004     | -0.03     | 2.185 | 0.013     | 0.01      | 0         | 56.3 | 59.3 | 62.8 | 160        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 4    | 50     | 28     | 0.997     | -0.049    | 2.185 | 0.016     | 0.013     | 0         | 56.3 | 59.3 | 59.8 | 160        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 5    | 5      | 28     | 0.955     | -0.016    | 2.188 | 0.013     | 0.01      | 0         | 56.3 | 58.9 | 59.8 | 160        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 23  | 5    | 20     | 28     | 1.053     | -0.036    | 2.185 | 0.013     | 0.01      | 0         | 57.2 | 59.8 | 61.9 | 161        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 5    | 35     | 28     | 0.984     | -0.043    | 2.192 | 0.013     | 0.01      | 0         | 56.8 | 59.3 | 63.2 | 160        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 5    | 50     | 28     | 1.033     | 0         | 2.192 | 0.013     | 0.01      | 0         | 56.3 | 59.3 | 63.6 | 160        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 6    | 5      | 28     | 1.073     | -0.039    | 2.195 | 0.01      | 0.007     | 0         | 55.9 | 59.3 | 63.6 | 159        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 6    | 20     | 28     | 1.033     | -0.056    | 2.198 | 0.016     | 0.016     | 0         | 56.3 | 59.3 | 64.5 | 159        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 6    | 35     | 28     | 1.03      | -0.026    | 2.198 | 0.013     | 0.01      | 0         | 56.3 | 59.3 | 64.9 | 159        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 6    | 50     | 28     | 1.07      | -0.026    | 2.198 | 0.013     | 0.01      | 0         | 55.5 | 58.9 | 64.5 | 158        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 7    | 5      | 28     | 1.01      | -0.026    | 2.195 | 0.013     | 0.01      | 0         | 55.9 | 59.3 | 60.6 | 159        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 7    | 20     | 28     | 0.965     | -0.036    | 2.195 | 0.013     | 0.01      | 0         | 55.5 | 59.3 | 58   | 158        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 7    | 35     | 28     | 0.994     | -0.062    | 2.195 | 0.016     | 0.013     | 0         | 55.9 | 59.3 | 57.6 | 159        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 7    | 50     | 28     | 0.994     | -0.049    | 2.195 | 0.01      | 0.007     | 0         | 56.3 | 59.3 | 55.5 | 159        | 168        | 0          | 28     | 30     |
| 2009 | 6     | 23  | 8    | 5      | 28     | 0.965     | -0.043    | 2.195 | 0.016     | 0.013     | 0         | 56.3 | 59.8 | 56.3 | 160        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 23  | 8    | 20     | 28     | 0.951     | -0.049    | 2.195 | 0.013     | 0.01      | 0         | 56.8 | 60.2 | 54.2 | 161        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 8    | 35     | 28     | 1.004     | -0.03     | 2.192 | 0.013     | 0.01      | 0         | 57.2 | 60.6 | 53.8 | 161        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 8    | 50     | 28     | 0.994     | -0.039    | 2.192 | 0.013     | 0.01      | 0         | 57.2 | 60.2 | 55.5 | 161        | 170        | 0          | 28     | 30     |
| 2009 | 6     | 23  | 9    | 5      | 28     | 0.938     | -0.02     | 2.192 | 0.013     | 0.01      | 0         | 57.2 | 60.6 | 54.6 | 161        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 9    | 20     | 28     | 0.919     | -0.059    | 2.192 | 0.016     | 0.013     | 0         | 56.8 | 60.6 | 55.5 | 161        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 9    | 35     | 28     | 0.971     | -0.043    | 2.192 | 0.013     | 0.01      | 0         | 56.8 | 59.8 | 57.2 | 161        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 23  | 9    | 50     | 28     | 0.978     | -0.033    | 2.192 | 0.01      | 0.007     | 0         | 56.3 | 60.2 | 57.6 | 160        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 10   | 5      | 28     | 0.961     | -0.036    | 2.192 | 0.01      | 0.007     | 0         | 56.3 | 60.6 | 59.3 | 160        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 23  | 10   | 20     | 28     | 0.981     | -0.023    | 2.192 | 0.013     | 0.01      | 0         | 56.3 | 59.8 | 60.6 | 160        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 10   | 35     | 28     | 1.02      | -0.03     | 2.192 | 0.016     | 0.016     | 0         | 56.3 | 59.8 | 62.4 | 160        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 10   | 50     | 28     | 1.017     | -0.033    | 2.192 | 0.01      | 0.007     | 0         | 56.3 | 59.8 | 63.2 | 160        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 11   | 5      | 28     | 1.047     | -0.02     | 2.188 | 0.01      | 0.007     | 0         | 55.9 | 59.3 | 63.2 | 159        | 168        | 0          | 29     | 30     |
| 2009 | 6     | 23  | 11   | 20     | 28     | 1.066     | -0.059    | 2.188 | 0.01      | 0.007     | 0         | 56.3 | 59.3 | 63.2 | 160        | 168        | 0          | 29     | 30     |
| 2009 | 6     | 23  | 11   | 35     | 28     | 1.027     | -0.013    | 2.188 | 0.013     | 0.01      | 0         | 55.9 | 59.8 | 63.6 | 159        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 11   | 50     | 28     | 1.047     | -0.075    | 2.188 | 0.016     | 0.013     | 0         | 55.9 | 59.8 | 63.2 | 159        | 168        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 23  | 12   | 5      | 28     | 1.024     | -0.033    | 2.185 | 0.013     | 0.01      | 0         | 55.9 | 59.8 | 63.6 | 159        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 12   | 20     | 28     | 1.05      | -0.046    | 2.185 | 0.013     | 0.01      | 0         | 56.3 | 59.8 | 62.8 | 159        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 12   | 35     | 28     | 1.047     | -0.033    | 2.188 | 0.01      | 0.007     | 0         | 56.3 | 59.8 | 63.6 | 160        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 12   | 50     | 28     | 1.04      | -0.02     | 2.185 | 0.01      | 0.007     | 0         | 56.3 | 60.2 | 63.6 | 160        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 13   | 5      | 28     | 1.027     | 0         | 2.185 | 0.01      | 0.007     | 0         | 59.3 | 61.5 | 56.3 | 166        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 13   | 20     | 28     | 1.024     | -0.046    | 2.185 | 0.01      | 0.007     | 0         | 58   | 60.6 | 62.8 | 164        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 13   | 35     | 28     | 1.06      | -0.003    | 2.185 | 0.013     | 0.01      | 0         | 58.5 | 59.8 | 61.5 | 164        | 169        | 0          | 28     | 30     |
| 2009 | 6     | 23  | 13   | 50     | 28     | 1.063     | -0.007    | 2.182 | 0.016     | 0.013     | 0         | 58   | 60.6 | 61.9 | 163        | 169        | 0          | 28     | 28     |
| 2009 | 6     | 23  | 14   | 5      | 28     | 1.063     | 0         | 2.185 | 0.013     | 0.01      | 0         | 57.6 | 59.8 | 63.2 | 163        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 14   | 20     | 28     | 1.102     | -0.007    | 2.182 | 0.016     | 0.013     | 0         | 58   | 60.2 | 64.9 | 163        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 14   | 35     | 28     | 1.093     | 0.026     | 2.182 | 0.013     | 0.01      | 0         | 58   | 59.8 | 64.1 | 163        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 14   | 50     | 28     | 1.106     | 0.016     | 2.182 | 0.016     | 0.013     | 0         | 58   | 59.8 | 64.1 | 163        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 15   | 5      | 28     | 1.079     | -0.013    | 2.182 | 0.013     | 0.01      | 0         | 57.6 | 60.2 | 62.8 | 163        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 15   | 20     | 28     | 1.102     | 0.016     | 2.178 | 0.013     | 0.01      | 0         | 57.6 | 60.2 | 62.4 | 162        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 23  | 15   | 35     | 28     | 1.066     | -0.033    | 2.182 | 0.01      | 0.007     | 0         | 58   | 60.6 | 61.9 | 163        | 169        | 0          | 28     | 28     |
| 2009 | 6     | 23  | 15   | 50     | 28     | 1.076     | 0         | 2.182 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 61.5 | 162        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 16   | 5      | 28     | 1.112     | -0.016    | 2.178 | 0.013     | 0.01      | 0         | 58   | 59.8 | 61.9 | 163        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 16   | 20     | 28     | 1.06      | 0         | 2.178 | 0.016     | 0.013     | 0         | 57.6 | 59.8 | 61.5 | 163        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 23  | 16   | 35     | 28     | 1.115     | 0         | 2.178 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 61.9 | 163        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 16   | 50     | 28     | 1.07      | 0         | 2.178 | 0.013     | 0.01      | 0         | 57.6 | 60.2 | 59.8 | 162        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 17   | 5      | 28     | 1.07      | -0.023    | 2.178 | 0.013     | 0.01      | 0         | 58   | 60.6 | 64.5 | 163        | 169        | 0          | 28     | 28     |
| 2009 | 6     | 23  | 17   | 20     | 28     | 1.07      | 0         | 2.178 | 0.016     | 0.013     | 0         | 58   | 60.2 | 63.2 | 163        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 23  | 17   | 35     | 28     | 1.083     | -0.013    | 2.178 | 0.013     | 0.01      | 0         | 57.6 | 59.3 | 63.2 | 162        | 168        | 0          | 28     | 30     |
| 2009 | 6     | 23  | 17   | 50     | 28     | 1.099     | -0.003    | 2.175 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 64.9 | 163        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 18   | 5      | 28     | 1.125     | 0.026     | 2.175 | 0.013     | 0.01      | 0         | 57.6 | 59.8 | 63.6 | 162        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 18   | 20     | 28     | 1.099     | -0.003    | 2.175 | 0.01      | 0.007     | 0         | 57.2 | 59.8 | 63.2 | 162        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 18   | 35     | 28     | 1.083     | -0.007    | 2.175 | 0.013     | 0.01      | 0         | 58   | 60.2 | 64.9 | 163        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 23  | 18   | 50     | 28     | 1.083     | 0         | 2.175 | 0.013     | 0.01      | 0         | 57.6 | 59.8 | 64.5 | 162        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 19   | 5      | 28     | 1.053     | -0.03     | 2.175 | 0.013     | 0.01      | 0         | 58   | 60.2 | 65.4 | 163        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 23  | 19   | 20     | 28     | 1.037     | 0         | 2.175 | 0.01      | 0.007     | 0         | 58   | 59.8 | 66.2 | 163        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 19   | 35     | 28     | 1.145     | 0         | 2.175 | 0.013     | 0.01      | 0         | 57.6 | 60.2 | 66.2 | 163        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 19   | 50     | 28     | 1.056     | -0.026    | 2.175 | 0.01      | 0.007     | 0         | 58   | 60.2 | 66.7 | 163        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 20   | 5      | 28     | 1.089     | -0.03     | 2.175 | 0.013     | 0.01      | 0         | 57.6 | 60.2 | 65.8 | 163        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 20   | 20     | 28     | 1.089     | -0.026    | 2.175 | 0.013     | 0.01      | 0         | 58   | 60.2 | 65.4 | 163        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 20   | 35     | 28     | 1.063     | -0.036    | 2.175 | 0.016     | 0.013     | 0         | 57.6 | 60.2 | 66.2 | 163        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 20   | 50     | 28     | 1.076     | 0         | 2.175 | 0.01      | 0.007     | 0         | 57.6 | 60.2 | 65.8 | 163        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 21   | 5      | 28     | 1.043     | 0.023     | 2.175 | 0.013     | 0.01      | 0         | 57.6 | 59.8 | 65.8 | 163        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 21   | 20     | 28     | 1.086     | -0.016    | 2.172 | 0.013     | 0.01      | 0         | 57.6 | 59.8 | 64.9 | 162        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 21   | 35     | 28     | 1.096     | 0.02      | 2.175 | 0.016     | 0.013     | 0         | 57.2 | 59.8 | 65.4 | 162        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 21   | 50     | 28     | 1.089     | -0.03     | 2.175 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 66.7 | 162        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 22   | 5      | 28     | 1.056     | -0.01     | 2.175 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 65.8 | 162        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 22   | 20     | 28     | 1.066     | -0.03     | 2.175 | 0.013     | 0.01      | 0         | 56.8 | 59.8 | 66.2 | 161        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 23  | 22   | 35     | 28     | 1.056     | 0.003     | 2.172 | 0.013     | 0.01      | 0         | 57.2 | 59.8 | 66.7 | 161        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 23  | 22   | 50     | 28     | 1.05      | -0.039    | 2.172 | 0.01      | 0.007     | 0         | 57.2 | 59.3 | 66.2 | 161        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 23   | 5      | 28     | 1.033     | -0.036    | 2.172 | 0.013     | 0.01      | 0         | 56.8 | 59.3 | 66.2 | 161        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 23   | 20     | 28     | 1.089     | -0.026    | 2.172 | 0.013     | 0.01      | 0         | 56.8 | 58.9 | 66.2 | 160        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 23   | 35     | 28     | 1.06      | -0.046    | 2.172 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 66.7 | 161        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 23   | 50     | 28     | 1.112     | -0.007    | 2.172 | 0.016     | 0.016     | 0         | 56.3 | 59.3 | 66.2 | 160        | 166        | 0          | 29     | 28     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 24  | 0    | 5      | 28     | 1.073     | -0.02     | 2.172 | 0.013     | 0.01      | 0         | 56.8 | 58.9 | 66.2 | 160        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 0    | 20     | 28     | 1.04      | -0.02     | 2.172 | 0.013     | 0.01      | 0         | 56.3 | 58.9 | 65.8 | 160        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 0    | 35     | 28     | 1.073     | -0.01     | 2.172 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 65.8 | 161        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 0    | 50     | 28     | 1.04      | -0.013    | 2.172 | 0.016     | 0.013     | 0         | 56.8 | 58.9 | 66.2 | 161        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 1    | 5      | 28     | 1.07      | -0.039    | 2.172 | 0.013     | 0.01      | 0         | 56.8 | 58.9 | 66.7 | 161        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 1    | 20     | 28     | 1.063     | -0.033    | 2.169 | 0.013     | 0.01      | 0         | 57.2 | 58.9 | 65.8 | 161        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 1    | 35     | 28     | 1.07      | -0.033    | 2.169 | 0.013     | 0.01      | 0         | 56.3 | 58.9 | 65.8 | 160        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 1    | 50     | 28     | 1.086     | -0.023    | 2.169 | 0.013     | 0.01      | 0         | 57.2 | 58.9 | 65.8 | 161        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 2    | 5      | 28     | 1.037     | -0.007    | 2.172 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 67.1 | 161        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 2    | 20     | 28     | 1.07      | -0.03     | 2.169 | 0.013     | 0.01      | 0         | 57.2 | 58.5 | 66.2 | 161        | 166        | 0          | 28     | 30     |
| 2009 | 6     | 24  | 2    | 35     | 28     | 1.073     | -0.02     | 2.169 | 0.01      | 0.007     | 0         | 56.3 | 58.5 | 66.2 | 160        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 2    | 50     | 28     | 1.043     | -0.013    | 2.169 | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 66.7 | 161        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 3    | 5      | 28     | 1.05      | -0.013    | 2.169 | 0.01      | 0.007     | 0         | 56.3 | 58.9 | 67.1 | 160        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 3    | 20     | 28     | 1.056     | 0         | 2.169 | 0.01      | 0.007     | 0         | 56.3 | 58.9 | 66.2 | 160        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 3    | 35     | 28     | 1.03      | -0.039    | 2.169 | 0.013     | 0.01      | 0         | 56.3 | 58.5 | 66.2 | 160        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 3    | 50     | 28     | 1.043     | -0.026    | 2.169 | 0.01      | 0.007     | 0         | 56.8 | 58.5 | 65.8 | 160        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 4    | 5      | 28     | 1.043     | -0.046    | 2.169 | 0.01      | 0.007     | 0         | 56.3 | 58.5 | 67.1 | 160        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 4    | 20     | 28     | 1.056     | -0.039    | 2.169 | 0.016     | 0.013     | 0         | 56.8 | 59.3 | 66.2 | 161        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 4    | 35     | 28     | 1.076     | -0.026    | 2.169 | 0.013     | 0.01      | 0         | 57.2 | 58.9 | 67.1 | 161        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 4    | 50     | 28     | 1.083     | -0.03     | 2.165 | 0.016     | 0.013     | 0         | 56.8 | 58.9 | 66.2 | 161        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 5    | 5      | 28     | 1.03      | -0.013    | 2.165 | 0.01      | 0.007     | 0         | 58   | 59.3 | 65.4 | 163        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 24  | 5    | 20     | 28     | 1.076     | -0.039    | 2.165 | 0.016     | 0.013     | 0         | 57.6 | 59.3 | 65.4 | 163        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 5    | 35     | 28     | 1.06      | 0.003     | 2.169 | 0.013     | 0.01      | 0         | 57.6 | 59.3 | 66.7 | 163        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 5    | 50     | 28     | 1.066     | -0.043    | 2.165 | 0.016     | 0.013     | 0         | 58   | 59.3 | 66.7 | 163        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 6    | 5      | 28     | 1.093     | -0.049    | 2.165 | 0.013     | 0.01      | 0         | 57.2 | 59.3 | 66.7 | 163        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 6    | 20     | 28     | 1.06      | -0.033    | 2.169 | 0.013     | 0.01      | 0         | 57.2 | 58.5 | 66.7 | 162        | 166        | 0          | 29     | 30     |
| 2009 | 6     | 24  | 6    | 35     | 28     | 1.07      | -0.056    | 2.165 | 0.01      | 0.007     | 0         | 58   | 59.3 | 67.5 | 163        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 6    | 50     | 28     | 1.07      | -0.043    | 2.165 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 67.1 | 162        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 7    | 5      | 28     | 0.997     | -0.03     | 2.165 | 0.013     | 0.01      | 0         | 57.2 | 58.9 | 67.1 | 162        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 7    | 20     | 28     | 1.03      | -0.03     | 2.165 | 0.013     | 0.01      | 0         | 57.2 | 58.9 | 67.1 | 162        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 7    | 35     | 28     | 1.07      | -0.043    | 2.165 | 0.013     | 0.01      | 0         | 57.2 | 58.9 | 67.5 | 162        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 7    | 50     | 28     | 1.063     | -0.036    | 2.165 | 0.013     | 0.01      | 0         | 57.2 | 58.9 | 67.5 | 162        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 8    | 5      | 28     | 1.086     | -0.03     | 2.165 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 67.1 | 162        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 24  | 8    | 20     | 28     | 1.079     | -0.043    | 2.165 | 0.016     | 0.013     | 0         | 57.6 | 58.9 | 67.1 | 162        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 8    | 35     | 28     | 1.053     | -0.016    | 2.165 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 67.1 | 162        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 24  | 8    | 50     | 28     | 1.04      | -0.043    | 2.165 | 0.013     | 0.01      | 0         | 57.2 | 59.3 | 67.1 | 162        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 9    | 5      | 28     | 1.07      | -0.033    | 2.165 | 0.016     | 0.013     | 0         | 57.6 | 59.3 | 67.1 | 162        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 9    | 20     | 28     | 1.06      | -0.039    | 2.165 | 0.013     | 0.01      | 0         | 57.2 | 59.3 | 66.7 | 162        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 9    | 35     | 28     | 1.06      | -0.03     | 2.165 | 0.013     | 0.01      | 0         | 57.2 | 59.3 | 67.1 | 162        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 9    | 50     | 28     | 1.099     | -0.036    | 2.165 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 66.7 | 162        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 10   | 5      | 28     | 1.106     | -0.046    | 2.165 | 0.013     | 0.01      | 0         | 57.2 | 59.3 | 66.7 | 162        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 10   | 20     | 28     | 1.076     | -0.049    | 2.165 | 0.013     | 0.01      | 0         | 57.6 | 59.3 | 66.7 | 162        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 10   | 35     | 28     | 1.076     | -0.049    | 2.165 | 0.013     | 0.01      | 0         | 57.6 | 59.3 | 66.7 | 162        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 10   | 50     | 28     | 1.079     | -0.036    | 2.165 | 0.013     | 0.01      | 0         | 57.2 | 58.9 | 66.7 | 162        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 24  | 11   | 5      | 28     | 1.079     | -0.036    | 2.165 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 66.2 | 162        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 11   | 20     | 28     | 1.102     | -0.039    | 2.165 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 66.7 | 162        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 11   | 35     | 28     | 1.086     | -0.03     | 2.165 | 0.013     | 0.01      | 0         | 57.2 | 58.9 | 64.1 | 162        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 24  | 11   | 50     | 28     | 1.06      | -0.033    | 2.165 | 0.013     | 0.01      | 0         | 57.6 | 59.3 | 64.1 | 163        | 168        | 0          | 29     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 24  | 12   | 5      | 28     | 1.093     | -0.007    | 2.165 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 64.1 | 163        | 168        | 0          | 29     | 30     |
| 2009 | 6     | 24  | 12   | 20     | 28     | 1.115     | -0.033    | 2.165 | 0.013     | 0.01      | 0         | 57.6 | 59.8 | 63.2 | 163        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 12   | 35     | 28     | 1.086     | -0.046    | 2.165 | 0.016     | 0.013     | 0         | 57.6 | 59.8 | 60.6 | 163        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 12   | 50     | 28     | 1.135     | -0.013    | 2.162 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 61.5 | 163        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 13   | 5      | 28     | 1.096     | -0.013    | 2.162 | 0.01      | 0.007     | 0         | 58.5 | 59.8 | 58.5 | 164        | 169        | 0          | 28     | 30     |
| 2009 | 6     | 24  | 13   | 20     | 28     | 1.089     | -0.03     | 2.162 | 0.01      | 0.007     | 0         | 58   | 60.2 | 57.6 | 164        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 13   | 35     | 28     | 1.086     | -0.003    | 2.162 | 0.01      | 0.007     | 0         | 58   | 60.6 | 59.8 | 164        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 13   | 50     | 28     | 1.106     | -0.023    | 2.159 | 0.01      | 0.007     | 0         | 58.5 | 60.2 | 58.9 | 164        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 14   | 5      | 28     | 1.099     | -0.043    | 2.159 | 0.013     | 0.01      | 0         | 58   | 60.2 | 59.8 | 163        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 14   | 20     | 28     | 1.099     | -0.02     | 2.156 | 0.016     | 0.013     | 0         | 57.6 | 60.2 | 58   | 163        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 14   | 35     | 28     | 1.079     | -0.023    | 2.156 | 0.01      | 0.007     | 0         | 58   | 60.2 | 56.3 | 163        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 14   | 50     | 28     | 1.053     | -0.033    | 2.152 | 0.016     | 0.013     | 0         | 58.5 | 60.2 | 55.9 | 164        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 15   | 5      | 28     | 1.099     | -0.052    | 2.152 | 0.013     | 0.01      | 0         | 58.5 | 60.6 | 57.6 | 164        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 15   | 20     | 28     | 1.066     | -0.02     | 2.152 | 0.016     | 0.013     | 0         | 58.5 | 60.6 | 55   | 164        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 15   | 35     | 28     | 1.096     | -0.016    | 2.149 | 0.013     | 0.01      | 0         | 58.9 | 61.1 | 56.8 | 165        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 15   | 50     | 28     | 1.06      | -0.03     | 2.149 | 0.01      | 0.007     | 0         | 58.9 | 61.1 | 53.8 | 165        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 16   | 5      | 28     | 1.053     | 0         | 2.149 | 0.01      | 0.007     | 0         | 58.9 | 61.1 | 54.2 | 165        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 16   | 20     | 28     | 1.135     | 0.007     | 2.146 | 0.013     | 0.01      | 0         | 59.3 | 61.1 | 56.3 | 165        | 171        | 0          | 27     | 29     |
| 2009 | 6     | 24  | 16   | 35     | 28     | 1.106     | 0.003     | 2.146 | 0.01      | 0.007     | 0         | 58.9 | 61.1 | 55.5 | 165        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 16   | 50     | 28     | 1.099     | -0.026    | 2.146 | 0.016     | 0.013     | 0         | 58.9 | 61.1 | 56.3 | 165        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 17   | 5      | 28     | 1.135     | -0.023    | 2.146 | 0.013     | 0.01      | 0         | 58.9 | 61.5 | 55   | 165        | 171        | 0          | 28     | 28     |
| 2009 | 6     | 24  | 17   | 20     | 28     | 1.119     | -0.013    | 2.146 | 0.013     | 0.01      | 0         | 58.5 | 61.1 | 58.5 | 165        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 17   | 35     | 28     | 1.112     | 0.003     | 2.146 | 0.013     | 0.01      | 0         | 58.9 | 61.1 | 57.6 | 165        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 17   | 50     | 28     | 1.102     | -0.016    | 2.146 | 0.01      | 0.007     | 0         | 58.9 | 61.1 | 58   | 165        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 18   | 5      | 28     | 1.099     | -0.01     | 2.146 | 0.013     | 0.01      | 0         | 58.5 | 61.1 | 58.5 | 165        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 18   | 20     | 28     | 1.109     | 0.016     | 2.146 | 0.01      | 0.007     | 0         | 58.9 | 61.5 | 55.5 | 165        | 171        | 0          | 28     | 28     |
| 2009 | 6     | 24  | 18   | 35     | 28     | 1.079     | -0.013    | 2.146 | 0.013     | 0.01      | 0         | 58.5 | 61.1 | 55.9 | 165        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 18   | 50     | 28     | 1.115     | -0.01     | 2.146 | 0.013     | 0.01      | 0         | 58.9 | 61.1 | 55.5 | 165        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 19   | 5      | 28     | 1.06      | -0.023    | 2.149 | 0.01      | 0.007     | 0         | 58.9 | 61.1 | 55.5 | 165        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 19   | 20     | 28     | 1.066     | -0.023    | 2.146 | 0.016     | 0.013     | 0         | 58.9 | 61.5 | 56.3 | 165        | 171        | 0          | 28     | 28     |
| 2009 | 6     | 24  | 19   | 35     | 28     | 1.106     | 0         | 2.146 | 0.016     | 0.013     | 0         | 58.5 | 61.1 | 55   | 165        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 19   | 50     | 28     | 1.089     | -0.03     | 2.146 | 0.01      | 0.007     | 0         | 58.9 | 61.1 | 59.8 | 165        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 20   | 5      | 28     | 1.109     | -0.007    | 2.149 | 0.01      | 0.007     | 0         | 58.5 | 61.1 | 62.4 | 164        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 20   | 20     | 28     | 1.083     | -0.003    | 2.149 | 0.013     | 0.01      | 0         | 58   | 60.6 | 58.9 | 164        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 20   | 35     | 28     | 1.132     | -0.013    | 2.149 | 0.016     | 0.013     | 0         | 58   | 60.6 | 59.3 | 164        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 20   | 50     | 28     | 1.086     | -0.013    | 2.152 | 0.01      | 0.007     | 0         | 58.5 | 61.1 | 59.3 | 164        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 21   | 5      | 28     | 1.083     | -0.02     | 2.152 | 0.013     | 0.01      | 0         | 58   | 61.1 | 59.8 | 163        | 170        | 0          | 28     | 28     |
| 2009 | 6     | 24  | 21   | 20     | 28     | 1.096     | -0.03     | 2.156 | 0.01      | 0.007     | 0         | 57.6 | 60.6 | 61.5 | 163        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 21   | 35     | 28     | 1.093     | 0         | 2.152 | 0.013     | 0.01      | 0         | 57.6 | 60.6 | 62.4 | 163        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 21   | 50     | 28     | 1.033     | -0.007    | 2.162 | 0.013     | 0.01      | 0         | 57.2 | 60.6 | 61.9 | 162        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 22   | 5      | 28     | 1.096     | 0.007     | 2.162 | 0.01      | 0.007     | 0         | 57.2 | 60.6 | 63.2 | 162        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 22   | 20     | 28     | 1.056     | -0.02     | 2.165 | 0.013     | 0.01      | 0         | 57.2 | 59.8 | 63.2 | 161        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 22   | 35     | 28     | 1.033     | -0.02     | 2.169 | 0.013     | 0.01      | 0         | 57.2 | 59.3 | 64.5 | 161        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 22   | 50     | 28     | 1.066     | -0.03     | 2.169 | 0.016     | 0.013     | 0         | 57.6 | 58.9 | 64.1 | 162        | 167        | 0          | 28     | 30     |
| 2009 | 6     | 24  | 23   | 5      | 28     | 1.083     | -0.062    | 2.165 | 0.01      | 0.007     | 0         | 58   | 59.3 | 64.5 | 163        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 23   | 20     | 28     | 1.093     | -0.033    | 2.169 | 0.013     | 0.01      | 0         | 57.6 | 59.3 | 64.5 | 162        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 23   | 35     | 28     | 1.102     | -0.023    | 2.172 | 0.01      | 0.007     | 0         | 57.2 | 59.3 | 66.7 | 162        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 23   | 50     | 28     | 1.109     | -0.01     | 2.172 | 0.013     | 0.01      | 0         | 57.6 | 59.3 | 66.2 | 162        | 167        | 0          | 28     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 25  | 0    | 5      | 28     | 1.07      | -0.033    | 2.175 | 0.013     | 0.01      | 0         | 57.2 | 59.3 | 66.7 | 162        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 0    | 20     | 28     | 1.06      | -0.049    | 2.175 | 0.01      | 0.007     | 0         | 57.2 | 59.8 | 67.1 | 161        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 25  | 0    | 35     | 28     | 1.076     | -0.016    | 2.178 | 0.016     | 0.013     | 0         | 57.2 | 59.3 | 67.1 | 161        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 0    | 50     | 28     | 1.06      | -0.049    | 2.178 | 0.016     | 0.013     | 0         | 57.2 | 58.9 | 67.1 | 161        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 1    | 5      | 28     | 1.047     | -0.056    | 2.178 | 0.013     | 0.01      | 0         | 57.2 | 59.3 | 66.7 | 161        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 25  | 1    | 20     | 28     | 1.07      | -0.075    | 2.178 | 0.016     | 0.013     | 0         | 56.8 | 58.9 | 66.2 | 161        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 1    | 35     | 28     | 1.066     | -0.095    | 2.178 | 0.013     | 0.01      | 0         | 56.8 | 58.9 | 66.2 | 161        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 1    | 50     | 28     | 1.05      | -0.052    | 2.178 | 0.016     | 0.013     | 0         | 56.8 | 59.3 | 65.8 | 161        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 2    | 5      | 28     | 1.083     | -0.072    | 2.182 | 0.013     | 0.01      | 0         | 56.3 | 58.9 | 66.2 | 160        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 2    | 20     | 28     | 1.053     | -0.033    | 2.182 | 0.013     | 0.01      | 0         | 56.8 | 58.9 | 64.9 | 161        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 2    | 35     | 28     | 1.086     | -0.046    | 2.185 | 0.016     | 0.013     | 0         | 57.2 | 58.9 | 64.9 | 161        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 2    | 50     | 28     | 1.047     | -0.03     | 2.185 | 0.013     | 0.01      | 0         | 57.6 | 58.9 | 64.9 | 162        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 3    | 5      | 28     | 1.053     | -0.01     | 2.188 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 64.1 | 162        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 3    | 20     | 28     | 1.079     | -0.046    | 2.188 | 0.013     | 0.01      | 0         | 56.8 | 58.9 | 63.6 | 161        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 3    | 35     | 28     | 1.073     | -0.059    | 2.195 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 64.1 | 162        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 3    | 50     | 28     | 1.03      | -0.033    | 2.198 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 64.5 | 162        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 4    | 5      | 28     | 1.043     | -0.059    | 2.201 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 64.9 | 162        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 4    | 20     | 28     | 1.083     | -0.026    | 2.205 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 65.4 | 162        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 4    | 35     | 28     | 1.04      | -0.016    | 2.205 | 0.016     | 0.013     | 0         | 57.6 | 59.3 | 65.8 | 163        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 4    | 50     | 28     | 1.056     | -0.039    | 2.205 | 0.013     | 0.01      | 0         | 57.6 | 58.5 | 66.7 | 162        | 166        | 0          | 28     | 30     |
| 2009 | 6     | 25  | 5    | 5      | 28     | 1.115     | -0.033    | 2.208 | 0.01      | 0.007     | 0         | 57.6 | 58.5 | 66.7 | 162        | 166        | 0          | 28     | 30     |
| 2009 | 6     | 25  | 5    | 20     | 28     | 1.047     | -0.072    | 2.208 | 0.016     | 0.016     | 0         | 57.6 | 59.3 | 67.5 | 162        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 5    | 35     | 28     | 1.099     | -0.013    | 2.208 | 0.013     | 0.01      | 0         | 57.6 | 59.3 | 67.1 | 163        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 5    | 50     | 28     | 1.073     | -0.049    | 2.208 | 0.016     | 0.013     | 0         | 58   | 59.3 | 67.1 | 163        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 6    | 5      | 28     | 1.066     | -0.033    | 2.208 | 0.013     | 0.01      | 0         | 57.2 | 59.3 | 66.7 | 162        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 6    | 20     | 28     | 1.056     | -0.036    | 2.211 | 0.016     | 0.013     | 0         | 56.8 | 58.9 | 66.7 | 161        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 6    | 35     | 28     | 1.07      | -0.046    | 2.211 | 0.016     | 0.013     | 0         | 56.8 | 58.9 | 66.7 | 161        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 6    | 50     | 28     | 1.06      | -0.049    | 2.211 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 66.2 | 162        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 7    | 5      | 28     | 1.07      | -0.036    | 2.215 | 0.01      | 0.007     | 0         | 56.3 | 58.5 | 65.8 | 160        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 7    | 20     | 28     | 1.024     | -0.052    | 2.215 | 0.01      | 0.007     | 0         | 56.3 | 58.5 | 66.2 | 160        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 7    | 35     | 28     | 1.083     | -0.039    | 2.215 | 0.01      | 0.007     | 0         | 56.3 | 58.5 | 65.4 | 160        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 7    | 50     | 28     | 1.083     | -0.039    | 2.215 | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 65.4 | 161        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 8    | 5      | 28     | 1.037     | -0.059    | 2.218 | 0.01      | 0.007     | 0         | 56.3 | 58.5 | 64.5 | 160        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 8    | 20     | 28     | 1.093     | -0.043    | 2.218 | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 64.5 | 160        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 8    | 35     | 28     | 1.03      | -0.062    | 2.221 | 0.01      | 0.007     | 0         | 56.3 | 58.5 | 64.5 | 160        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 8    | 50     | 28     | 1.073     | -0.026    | 2.221 | 0.013     | 0.01      | 0         | 56.3 | 58.5 | 64.9 | 160        | 166        | 0          | 29     | 30     |
| 2009 | 6     | 25  | 9    | 5      | 28     | 1.03      | -0.036    | 2.221 | 0.01      | 0.007     | 0         | 56.3 | 58.9 | 64.1 | 160        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 9    | 20     | 28     | 1.109     | -0.033    | 2.228 | 0.01      | 0.007     | 0         | 56.8 | 58.5 | 64.5 | 160        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 9    | 35     | 28     | 1.093     | -0.049    | 2.228 | 0.01      | 0.007     | 0         | 56.3 | 58.9 | 64.1 | 160        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 9    | 50     | 28     | 1.086     | -0.056    | 2.234 | 0.016     | 0.013     | 0         | 56.3 | 58.5 | 64.9 | 160        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 10   | 5      | 28     | 1.086     | -0.046    | 2.234 | 0.01      | 0.007     | 0         | 56.8 | 58.5 | 64.9 | 160        | 166        | 0          | 28     | 30     |
| 2009 | 6     | 25  | 10   | 20     | 28     | 1.07      | -0.062    | 2.234 | 0.013     | 0.01      | 0         | 56.3 | 58.5 | 64.9 | 160        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 10   | 35     | 28     | 1.086     | -0.033    | 2.238 | 0.013     | 0.01      | 0         | 56.3 | 58.9 | 64.5 | 160        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 10   | 50     | 28     | 1.089     | -0.026    | 2.238 | 0.013     | 0.01      | 0         | 56.8 | 58.9 | 64.5 | 160        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 11   | 5      | 28     | 1.109     | -0.033    | 2.238 | 0.01      | 0.007     | 0         | 56.3 | 58.9 | 64.9 | 160        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 11   | 20     | 28     | 1.079     | -0.02     | 2.241 | 0.01      | 0.007     | 0         | 56.8 | 58.5 | 65.8 | 160        | 166        | 0          | 28     | 30     |
| 2009 | 6     | 25  | 11   | 35     | 28     | 1.106     | -0.013    | 2.241 | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 64.9 | 160        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 11   | 50     | 28     | 1.122     | -0.046    | 2.244 | 0.013     | 0.01      | 0         | 56.3 | 58.9 | 65.4 | 160        | 166        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 25  | 12   | 5      | 28     | 1.079     | -0.03     | 2.244 | 0.013     | 0.01      | 0         | 56.8 | 58.9 | 64.1 | 161        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 12   | 20     | 28     | 1.142     | -0.007    | 2.244 | 0.01      | 0.007     | 0         | 56.8 | 59.3 | 64.1 | 161        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 12   | 35     | 28     | 1.112     | -0.01     | 2.244 | 0.016     | 0.013     | 0         | 56.8 | 59.3 | 64.5 | 161        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 12   | 50     | 28     | 1.102     | 0         | 2.247 | 0.01      | 0.007     | 0         | 57.2 | 59.3 | 63.6 | 162        | 168        | 0          | 29     | 30     |
| 2009 | 6     | 25  | 13   | 5      | 28     | 1.073     | -0.013    | 2.247 | 0.013     | 0.01      | 0         | 58   | 60.2 | 60.2 | 163        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 13   | 20     | 28     | 1.115     | 0         | 2.251 | 0.01      | 0.007     | 0         | 58.5 | 60.6 | 58.9 | 165        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 13   | 35     | 28     | 1.073     | -0.016    | 2.251 | 0.013     | 0.01      | 0         | 58.9 | 61.1 | 60.2 | 165        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 13   | 50     | 28     | 1.053     | -0.007    | 2.251 | 0.01      | 0.007     | 0         | 58.9 | 61.1 | 58.9 | 165        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 14   | 5      | 28     | 1.089     | -0.026    | 2.251 | 0.01      | 0.007     | 0         | 59.3 | 61.9 | 49.5 | 167        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 14   | 20     | 28     | 1.056     | 0.01      | 2.251 | 0.01      | 0.007     | 0         | 59.3 | 61.9 | 57.6 | 167        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 14   | 35     | 28     | 1.119     | 0.016     | 2.254 | 0.013     | 0.01      | 0         | 59.3 | 61.9 | 56.3 | 167        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 14   | 50     | 28     | 1.043     | 0.023     | 2.254 | 0.013     | 0.01      | 0         | 59.8 | 61.9 | 53.3 | 167        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 15   | 5      | 28     | 1.099     | 0.036     | 2.254 | 0.01      | 0.007     | 0         | 59.3 | 61.9 | 55   | 167        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 15   | 20     | 28     | 1.079     | 0.013     | 2.254 | 0.013     | 0.01      | 0         | 59.8 | 61.9 | 50.3 | 167        | 173        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 15   | 35     | 28     | 1.099     | -0.046    | 2.254 | 0.013     | 0.01      | 0         | 59.8 | 61.9 | 57.6 | 168        | 173        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 15   | 50     | 28     | 1.125     | -0.013    | 2.254 | 0.01      | 0.007     | 0         | 59.8 | 62.4 | 54.6 | 167        | 173        | 0          | 28     | 28     |
| 2009 | 6     | 25  | 16   | 5      | 28     | 1.096     | 0         | 2.257 | 0.01      | 0.007     | 0         | 59.3 | 61.5 | 58   | 167        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 16   | 20     | 28     | 1.083     | 0         | 2.257 | 0.01      | 0.007     | 0         | 59.3 | 61.5 | 52.9 | 166        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 16   | 35     | 28     | 1.096     | -0.03     | 2.257 | 0.013     | 0.01      | 0         | 59.3 | 61.5 | 58.5 | 166        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 16   | 50     | 28     | 1.083     | -0.016    | 2.257 | 0.013     | 0.01      | 0         | 59.3 | 61.5 | 56.8 | 166        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 17   | 5      | 28     | 1.106     | 0.013     | 2.257 | 0.01      | 0.007     | 0         | 59.3 | 61.5 | 56.8 | 166        | 172        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 17   | 20     | 28     | 1.083     | 0.023     | 2.26  | 0.01      | 0.007     | 0         | 58.9 | 61.1 | 58.5 | 165        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 17   | 35     | 28     | 1.112     | -0.02     | 2.26  | 0.01      | 0.007     | 0         | 58.9 | 61.1 | 59.8 | 165        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 17   | 50     | 28     | 1.083     | 0.003     | 2.26  | 0.013     | 0.01      | 0         | 58.9 | 61.1 | 60.6 | 165        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 18   | 5      | 28     | 1.102     | -0.013    | 2.264 | 0.01      | 0.007     | 0         | 58.5 | 61.1 | 60.2 | 165        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 18   | 20     | 28     | 1.086     | 0.007     | 2.267 | 0.01      | 0.007     | 0         | 58.9 | 61.1 | 59.3 | 165        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 18   | 35     | 28     | 1.099     | -0.003    | 2.267 | 0.01      | 0.007     | 0         | 58.9 | 61.1 | 57.2 | 165        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 18   | 50     | 28     | 1.079     | -0.013    | 2.27  | 0.01      | 0.007     | 0         | 58.5 | 61.1 | 60.2 | 164        | 170        | 0          | 28     | 28     |
| 2009 | 6     | 25  | 19   | 5      | 28     | 1.086     | -0.013    | 2.274 | 0.01      | 0.007     | 0         | 58.5 | 60.6 | 62.4 | 164        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 19   | 20     | 28     | 1.073     | 0.02      | 2.277 | 0.01      | 0.007     | 0         | 58.5 | 60.6 | 61.9 | 164        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 19   | 35     | 28     | 1.083     | -0.01     | 2.283 | 0.01      | 0.007     | 0         | 57.6 | 60.2 | 63.2 | 163        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 19   | 50     | 28     | 1.07      | -0.023    | 2.287 | 0.01      | 0.007     | 0         | 58   | 60.2 | 64.1 | 163        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 20   | 5      | 28     | 1.132     | -0.036    | 2.287 | 0.01      | 0.007     | 0         | 57.6 | 60.2 | 64.5 | 162        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 20   | 20     | 28     | 1.07      | -0.039    | 2.29  | 0.013     | 0.01      | 0         | 57.6 | 60.2 | 64.9 | 163        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 20   | 35     | 28     | 1.07      | -0.059    | 2.29  | 0.01      | 0.007     | 0         | 57.6 | 60.2 | 65.4 | 162        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 20   | 50     | 28     | 1.112     | -0.049    | 2.293 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 66.2 | 162        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 21   | 5      | 28     | 1.109     | -0.023    | 2.293 | 0.01      | 0.007     | 0         | 57.2 | 59.8 | 66.2 | 162        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 21   | 20     | 28     | 1.096     | -0.039    | 2.297 | 0.01      | 0.007     | 0         | 56.8 | 59.8 | 65.8 | 161        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 21   | 35     | 28     | 1.099     | 0.01      | 2.297 | 0.013     | 0.01      | 0         | 57.2 | 59.3 | 66.7 | 161        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 21   | 50     | 28     | 1.076     | -0.03     | 2.3   | 0.01      | 0.007     | 0         | 56.8 | 59.8 | 65.8 | 161        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 22   | 5      | 28     | 0.965     | -0.016    | 2.297 | 0.01      | 0.007     | 0         | 57.2 | 59.8 | 58   | 162        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 22   | 20     | 28     | 0.965     | 0.02      | 2.3   | 0.01      | 0.007     | 0         | 58   | 61.1 | 55.9 | 164        | 170        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 22   | 35     | 28     | 0.997     | -0.003    | 2.3   | 0.01      | 0.007     | 0         | 58.5 | 61.1 | 57.2 | 164        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 22   | 50     | 28     | 0.997     | 0.013     | 2.303 | 0.013     | 0.01      | 0         | 58.5 | 61.1 | 54.6 | 164        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 23   | 5      | 28     | 0.928     | -0.013    | 2.303 | 0.013     | 0.01      | 0         | 58.9 | 61.5 | 52.9 | 166        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 23   | 20     | 28     | 1.089     | -0.026    | 2.306 | 0.013     | 0.01      | 0         | 59.3 | 61.5 | 59.8 | 166        | 173        | 0          | 28     | 30     |
| 2009 | 6     | 25  | 23   | 35     | 28     | 1.02      | 0.013     | 2.306 | 0.01      | 0.007     | 0         | 58.9 | 61.1 | 55.9 | 165        | 171        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 23   | 50     | 28     | 1.06      | 0         | 2.31  | 0.013     | 0.01      | 0         | 58.5 | 60.6 | 58.5 | 164        | 170        | 0          | 28     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 26  | 0    | 5      | 28     | 1.004     | -0.007    | 2.313 | 0.01      | 0.007     | 0         | 58   | 60.2 | 55.9 | 163        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 0    | 20     | 28     | 0.971     | -0.003    | 2.32  | 0.01      | 0.007     | 0         | 58   | 60.2 | 55   | 163        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 0    | 35     | 28     | 0.981     | -0.01     | 2.32  | 0.01      | 0.007     | 0         | 58   | 60.2 | 54.2 | 163        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 0    | 50     | 28     | 1.004     | 0.003     | 2.323 | 0.01      | 0.007     | 0         | 57.2 | 60.2 | 55.5 | 162        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 1    | 5      | 28     | 1.04      | -0.013    | 2.323 | 0.01      | 0.007     | 0         | 57.6 | 60.2 | 55.5 | 163        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 1    | 20     | 28     | 1.037     | -0.016    | 2.323 | 0.013     | 0.01      | 0         | 57.6 | 60.6 | 57.2 | 162        | 169        | 0          | 28     | 28     |
| 2009 | 6     | 26  | 1    | 35     | 28     | 1.043     | -0.023    | 2.326 | 0.013     | 0.01      | 0         | 57.2 | 59.8 | 58   | 162        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 1    | 50     | 28     | 1.076     | -0.02     | 2.329 | 0.01      | 0.007     | 0         | 57.2 | 59.8 | 61.1 | 162        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 2    | 5      | 28     | 1.125     | -0.02     | 2.329 | 0.013     | 0.01      | 0         | 57.2 | 59.8 | 65.4 | 161        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 2    | 20     | 28     | 1.122     | -0.013    | 2.333 | 0.01      | 0.007     | 0         | 56.8 | 60.2 | 65.4 | 161        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 2    | 35     | 28     | 1.06      | -0.013    | 2.333 | 0.013     | 0.01      | 0         | 56.8 | 59.3 | 65.4 | 160        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 2    | 50     | 28     | 1.073     | -0.046    | 2.336 | 0.01      | 0.007     | 0         | 56.3 | 59.3 | 66.2 | 160        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 3    | 5      | 28     | 1.112     | -0.046    | 2.336 | 0.01      | 0.007     | 0         | 56.3 | 59.8 | 65.8 | 160        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 3    | 20     | 28     | 1.073     | 0         | 2.339 | 0.01      | 0.007     | 0         | 56.3 | 58.9 | 64.9 | 160        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 3    | 35     | 28     | 1.073     | -0.01     | 2.339 | 0.01      | 0.007     | 0         | 56.8 | 59.3 | 64.1 | 160        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 26  | 3    | 50     | 28     | 1.066     | -0.003    | 2.343 | 0.013     | 0.01      | 0         | 56.3 | 58.9 | 64.1 | 160        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 4    | 5      | 28     | 1.089     | -0.023    | 2.346 | 0.013     | 0.01      | 0         | 56.8 | 58.9 | 63.6 | 160        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 4    | 20     | 28     | 1.076     | -0.03     | 2.346 | 0.01      | 0.007     | 0         | 56.3 | 58.9 | 64.1 | 160        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 4    | 35     | 28     | 1.076     | -0.02     | 2.352 | 0.013     | 0.01      | 0         | 56.3 | 58.9 | 64.1 | 160        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 4    | 50     | 28     | 1.152     | -0.003    | 2.359 | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 64.5 | 160        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 5    | 5      | 28     | 1.056     | 0.013     | 2.359 | 0.01      | 0.007     | 0         | 56.3 | 58.9 | 65.8 | 160        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 5    | 20     | 28     | 1.099     | -0.03     | 2.362 | 0.013     | 0.01      | 0         | 56.8 | 58.9 | 66.2 | 160        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 5    | 35     | 28     | 1.115     | -0.007    | 2.362 | 0.01      | 0.007     | 0         | 57.2 | 59.3 | 66.2 | 161        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 5    | 50     | 28     | 1.07      | -0.023    | 2.365 | 0.013     | 0.01      | 0         | 56.8 | 58.9 | 66.2 | 160        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 6    | 5      | 28     | 1.073     | -0.007    | 2.365 | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 67.1 | 161        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 6    | 20     | 28     | 1.096     | -0.02     | 2.365 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 67.1 | 161        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 6    | 35     | 28     | 1.132     | -0.03     | 2.365 | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 66.7 | 160        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 6    | 50     | 28     | 1.093     | -0.03     | 2.369 | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 67.1 | 160        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 7    | 5      | 28     | 1.076     | -0.046    | 2.369 | 0.01      | 0.007     | 0         | 56.3 | 58.5 | 66.7 | 160        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 7    | 20     | 28     | 1.06      | -0.016    | 2.369 | 0.01      | 0.007     | 0         | 56.8 | 58.5 | 66.7 | 160        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 7    | 35     | 28     | 1.076     | -0.043    | 2.369 | 0.013     | 0.01      | 0         | 56.8 | 58   | 66.7 | 160        | 165        | 0          | 28     | 30     |
| 2009 | 6     | 26  | 7    | 50     | 28     | 1.112     | -0.013    | 2.369 | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 65.8 | 160        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 8    | 5      | 28     | 1.086     | -0.026    | 2.372 | 0.01      | 0.007     | 0         | 56.3 | 58.9 | 65.8 | 160        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 8    | 20     | 28     | 1.089     | -0.007    | 2.372 | 0.013     | 0.01      | 0         | 56.3 | 59.3 | 65.4 | 160        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 8    | 35     | 28     | 1.076     | -0.03     | 2.372 | 0.01      | 0.007     | 0         | 55.9 | 58.9 | 64.5 | 159        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 8    | 50     | 28     | 1.119     | -0.007    | 2.372 | 0.01      | 0.007     | 0         | 56.3 | 58.5 | 65.8 | 160        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 9    | 5      | 28     | 1.056     | -0.023    | 2.375 | 0.01      | 0.007     | 0         | 56.3 | 58.5 | 65.8 | 160        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 9    | 20     | 28     | 1.076     | -0.033    | 2.375 | 0.01      | 0.007     | 0         | 56.3 | 58.9 | 64.9 | 160        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 9    | 35     | 28     | 1.112     | -0.03     | 2.379 | 0.01      | 0.007     | 0         | 56.3 | 58.9 | 64.9 | 159        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 9    | 50     | 28     | 1.053     | -0.026    | 2.382 | 0.01      | 0.007     | 0         | 56.3 | 58.5 | 64.1 | 159        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 10   | 5      | 28     | 1.063     | -0.013    | 2.379 | 0.01      | 0.007     | 0         | 55.9 | 58.9 | 64.9 | 159        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 10   | 20     | 28     | 1.073     | -0.059    | 2.382 | 0.01      | 0.007     | 0         | 55.9 | 58.9 | 64.5 | 159        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 10   | 35     | 28     | 1.079     | 0.013     | 2.382 | 0.01      | 0.007     | 0         | 56.3 | 58.9 | 64.1 | 159        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 10   | 50     | 28     | 1.053     | -0.02     | 2.382 | 0.01      | 0.007     | 0         | 55.9 | 58.5 | 64.1 | 159        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 11   | 5      | 28     | 1.024     | -0.033    | 2.388 | 0.01      | 0.007     | 0         | 56.3 | 58.9 | 64.1 | 159        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 11   | 20     | 28     | 1.099     | -0.039    | 2.382 | 0.01      | 0.007     | 0         | 56.3 | 58.9 | 64.9 | 159        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 11   | 35     | 28     | 1.115     | -0.052    | 2.382 | 0.013     | 0.01      | 0         | 56.3 | 58.9 | 64.1 | 159        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 11   | 50     | 28     | 1.037     | -0.033    | 2.385 | 0.01      | 0.007     | 0         | 56.3 | 58.9 | 63.6 | 160        | 166        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 26  | 12   | 5      | 28     | 1.05      | -0.069    | 2.385 | 0.01      | 0.007     | 0         | 56.3 | 58.9 | 63.6 | 160        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 12   | 20     | 28     | 1.073     | -0.049    | 2.385 | 0.01      | 0.007     | 0         | 56.8 | 58.5 | 63.6 | 160        | 166        | 0          | 28     | 30     |
| 2009 | 6     | 26  | 12   | 35     | 28     | 1.033     | -0.046    | 2.388 | 0.01      | 0.007     | 0         | 55.9 | 58.5 | 63.6 | 159        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 12   | 50     | 28     | 1.076     | -0.033    | 2.388 | 0.01      | 0.007     | 0         | 56.3 | 58.9 | 64.1 | 159        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 13   | 5      | 28     | 1.063     | -0.023    | 2.388 | 0.013     | 0.01      | 0         | 55.9 | 58.5 | 64.5 | 159        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 13   | 20     | 28     | 1.043     | -0.03     | 2.385 | 0.013     | 0.01      | 0         | 56.3 | 58.5 | 64.9 | 159        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 13   | 35     | 28     | 1.066     | -0.036    | 2.385 | 0.013     | 0.01      | 0         | 56.3 | 58.5 | 64.9 | 159        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 13   | 50     | 28     | 1.04      | -0.03     | 2.385 | 0.01      | 0.007     | 0         | 55.5 | 58.5 | 65.4 | 158        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 14   | 5      | 28     | 1.05      | -0.049    | 2.385 | 0.013     | 0.01      | 0         | 55.5 | 58.5 | 64.5 | 158        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 14   | 20     | 28     | 1.089     | -0.026    | 2.382 | 0.01      | 0.007     | 0         | 55.9 | 58.5 | 65.8 | 158        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 14   | 35     | 28     | 0.968     | -0.033    | 2.385 | 0.013     | 0.01      | 0         | 55.9 | 58.5 | 64.5 | 158        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 26  | 14   | 50     | 28     | 1.056     | -0.016    | 2.385 | 0.01      | 0.007     | 0         | 55.9 | 58   | 65.8 | 158        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 15   | 5      | 28     | 1.07      | -0.046    | 2.385 | 0.01      | 0.007     | 0         | 55.5 | 58.5 | 65.8 | 158        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 15   | 20     | 28     | 1.04      | -0.036    | 2.385 | 0.01      | 0.007     | 0         | 55   | 58   | 66.2 | 157        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 15   | 35     | 28     | 1.03      | -0.026    | 2.385 | 0.013     | 0.01      | 0         | 55.9 | 58.5 | 65.8 | 158        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 15   | 50     | 28     | 1.079     | -0.052    | 2.385 | 0.013     | 0.01      | 0         | 55.5 | 58   | 66.2 | 157        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 16   | 5      | 28     | 1.076     | -0.039    | 2.385 | 0.01      | 0.007     | 0         | 55.5 | 58   | 66.2 | 157        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 16   | 20     | 28     | 1.03      | -0.079    | 2.385 | 0.013     | 0.01      | 0         | 55.5 | 58.5 | 66.2 | 157        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 26  | 16   | 35     | 28     | 1.07      | -0.043    | 2.385 | 0.01      | 0.007     | 0         | 55.9 | 58   | 66.2 | 158        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 16   | 50     | 28     | 1.047     | -0.052    | 2.385 | 0.016     | 0.013     | 0         | 55.5 | 58   | 66.2 | 157        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 17   | 5      | 28     | 1.076     | -0.02     | 2.385 | 0.01      | 0.007     | 0         | 55.5 | 58.9 | 66.2 | 158        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 17   | 20     | 28     | 1.056     | -0.066    | 2.385 | 0.01      | 0.007     | 0         | 55.5 | 58.5 | 65.8 | 157        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 26  | 17   | 35     | 28     | 1.07      | -0.046    | 2.385 | 0.01      | 0.007     | 0         | 56.3 | 58.5 | 66.2 | 158        | 164        | 0          | 27     | 28     |
| 2009 | 6     | 26  | 17   | 50     | 28     | 1.033     | -0.062    | 2.385 | 0.013     | 0.01      | 0         | 55.5 | 57.6 | 65.8 | 157        | 164        | 0          | 28     | 30     |
| 2009 | 6     | 26  | 18   | 5      | 28     | 1.076     | -0.039    | 2.385 | 0.01      | 0.007     | 0         | 55.9 | 58.5 | 65.8 | 158        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 18   | 20     | 28     | 1.027     | -0.059    | 2.385 | 0.01      | 0.007     | 0         | 55   | 58.5 | 66.2 | 157        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 18   | 35     | 28     | 1.04      | -0.046    | 2.385 | 0.01      | 0.007     | 0         | 55.5 | 58.5 | 65.8 | 157        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 26  | 18   | 50     | 28     | 1.079     | -0.052    | 2.385 | 0.01      | 0.007     | 0         | 55.9 | 58.5 | 65.8 | 158        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 26  | 19   | 5      | 28     | 1.027     | -0.085    | 2.385 | 0.01      | 0.007     | 0         | 55.5 | 58.5 | 66.2 | 157        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 26  | 19   | 20     | 28     | 1.001     | -0.085    | 2.385 | 0.01      | 0.007     | 0         | 55.5 | 58.9 | 65.4 | 158        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 19   | 35     | 28     | 1.047     | -0.062    | 2.385 | 0.01      | 0.007     | 0         | 55.9 | 58.5 | 65.8 | 158        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 19   | 50     | 28     | 1.079     | -0.043    | 2.385 | 0.01      | 0.007     | 0         | 55   | 58.5 | 65.8 | 157        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 20   | 5      | 28     | 1.001     | -0.075    | 2.385 | 0.01      | 0.007     | 0         | 55.9 | 58.9 | 65.8 | 158        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 26  | 20   | 20     | 28     | 1.053     | -0.046    | 2.385 | 0.013     | 0.01      | 0         | 55   | 58.5 | 65.4 | 157        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 20   | 35     | 28     | 1.027     | -0.043    | 2.385 | 0.01      | 0.007     | 0         | 55.5 | 58.5 | 65.8 | 157        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 20   | 50     | 28     | 1.06      | -0.056    | 2.385 | 0.01      | 0.007     | 0         | 55   | 58   | 65.8 | 156        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 21   | 5      | 28     | 1.07      | -0.059    | 2.385 | 0.013     | 0.01      | 0         | 55   | 58   | 65.4 | 157        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 21   | 20     | 28     | 1.05      | -0.059    | 2.385 | 0.01      | 0.007     | 0         | 55   | 58   | 65.8 | 156        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 21   | 35     | 28     | 1.033     | -0.03     | 2.385 | 0.013     | 0.01      | 0         | 55   | 58   | 65.4 | 156        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 21   | 50     | 28     | 1.04      | -0.092    | 2.385 | 0.01      | 0.007     | 0         | 55   | 58   | 65.8 | 156        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 22   | 5      | 28     | 1.014     | -0.079    | 2.385 | 0.01      | 0.007     | 0         | 55   | 57.6 | 65.4 | 156        | 163        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 22   | 20     | 28     | 1.083     | -0.059    | 2.385 | 0.01      | 0.007     | 0         | 54.6 | 57.6 | 65.8 | 155        | 163        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 22   | 35     | 28     | 1.001     | -0.115    | 2.388 | 0.01      | 0.007     | 0         | 55   | 58   | 65.8 | 156        | 163        | 0          | 28     | 28     |
| 2009 | 6     | 26  | 22   | 50     | 28     | 1.014     | -0.135    | 2.385 | 0.01      | 0.007     | 0         | 55   | 58   | 66.2 | 156        | 163        | 0          | 28     | 28     |
| 2009 | 6     | 26  | 23   | 5      | 28     | 1.02      | -0.112    | 2.388 | 0.01      | 0.007     | 0         | 55   | 57.6 | 66.2 | 156        | 163        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 23   | 20     | 28     | 1.047     | -0.102    | 2.388 | 0.01      | 0.007     | 0         | 55   | 57.6 | 65.8 | 156        | 163        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 23   | 35     | 28     | 0.978     | -0.092    | 2.388 | 0.01      | 0.007     | 0         | 55   | 57.6 | 65.4 | 156        | 163        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 23   | 50     | 28     | 1.066     | -0.056    | 2.388 | 0.01      | 0.007     | 0         | 54.6 | 57.6 | 65.4 | 155        | 163        | 0          | 28     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 27  | 0    | 5      | 28     | 1.047     | -0.069    | 2.388 | 0.01      | 0.007     | 0         | 54.6 | 57.6 | 66.2 | 155        | 163        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 0    | 20     | 28     | 0.988     | -0.059    | 2.392 | 0.01      | 0.007     | 0         | 54.2 | 57.6 | 65.4 | 154        | 163        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 0    | 35     | 28     | 1.106     | -0.043    | 2.388 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 65.4 | 155        | 162        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 0    | 50     | 28     | 1.102     | -0.046    | 2.388 | 0.01      | 0.007     | 0         | 54.2 | 58   | 64.9 | 155        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 1    | 5      | 28     | 1.053     | -0.105    | 2.388 | 0.01      | 0.007     | 0         | 54.6 | 57.6 | 65.4 | 155        | 163        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 1    | 20     | 28     | 1.03      | -0.043    | 2.388 | 0.01      | 0.007     | 0         | 54.6 | 57.6 | 64.9 | 155        | 163        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 1    | 35     | 28     | 1.05      | -0.03     | 2.388 | 0.01      | 0.007     | 0         | 54.6 | 58   | 65.4 | 155        | 163        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 1    | 50     | 28     | 1.073     | -0.079    | 2.388 | 0.013     | 0.01      | 0         | 54.6 | 57.2 | 65.8 | 155        | 162        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 2    | 5      | 28     | 1.04      | -0.026    | 2.388 | 0.01      | 0.007     | 0         | 54.2 | 57.6 | 65.4 | 155        | 162        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 2    | 20     | 28     | 1.086     | -0.059    | 2.388 | 0.013     | 0.01      | 0         | 54.6 | 57.6 | 65.8 | 155        | 163        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 2    | 35     | 28     | 1.04      | -0.026    | 2.385 | 0.01      | 0.007     | 0         | 54.6 | 57.6 | 65.8 | 155        | 163        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 2    | 50     | 28     | 1.033     | -0.108    | 2.388 | 0.01      | 0.007     | 0         | 54.6 | 57.6 | 64.9 | 155        | 162        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 3    | 5      | 28     | 1.093     | -0.056    | 2.388 | 0.013     | 0.01      | 0         | 54.6 | 57.6 | 65.4 | 155        | 163        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 3    | 20     | 28     | 1.03      | -0.079    | 2.388 | 0.01      | 0.007     | 0         | 55   | 57.6 | 65.4 | 156        | 163        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 3    | 35     | 28     | 1.063     | -0.062    | 2.392 | 0.013     | 0.01      | 0         | 54.6 | 57.6 | 64.9 | 155        | 163        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 3    | 50     | 28     | 1.063     | -0.046    | 2.392 | 0.01      | 0.007     | 0         | 54.2 | 57.6 | 64.9 | 155        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 4    | 5      | 28     | 1.073     | -0.046    | 2.388 | 0.013     | 0.01      | 0         | 54.6 | 57.6 | 65.4 | 155        | 163        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 4    | 20     | 28     | 1.106     | -0.059    | 2.388 | 0.01      | 0.007     | 0         | 54.2 | 58   | 64.5 | 155        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 4    | 35     | 28     | 1.076     | -0.075    | 2.388 | 0.013     | 0.01      | 0         | 55   | 57.6 | 64.9 | 156        | 164        | 0          | 28     | 30     |
| 2009 | 6     | 27  | 4    | 50     | 28     | 1.063     | -0.059    | 2.392 | 0.013     | 0.01      | 0         | 55   | 58.5 | 64.5 | 156        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 5    | 5      | 28     | 1.135     | -0.033    | 2.392 | 0.01      | 0.007     | 0         | 54.6 | 57.6 | 64.9 | 156        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 5    | 20     | 28     | 1.112     | -0.075    | 2.392 | 0.013     | 0.01      | 0         | 55.5 | 58   | 64.1 | 157        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 5    | 35     | 28     | 1.129     | -0.033    | 2.388 | 0.01      | 0.007     | 0         | 55.9 | 58   | 64.5 | 158        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 5    | 50     | 28     | 1.076     | -0.01     | 2.392 | 0.01      | 0.007     | 0         | 55.5 | 58   | 64.9 | 158        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 6    | 5      | 28     | 1.106     | -0.033    | 2.392 | 0.016     | 0.013     | 0         | 55.9 | 58   | 64.5 | 158        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 6    | 20     | 28     | 1.043     | -0.046    | 2.392 | 0.013     | 0.01      | 0         | 55.9 | 58   | 64.5 | 158        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 6    | 35     | 28     | 1.106     | -0.049    | 2.392 | 0.01      | 0.007     | 0         | 55.5 | 58   | 64.9 | 157        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 6    | 50     | 28     | 1.125     | -0.03     | 2.392 | 0.013     | 0.01      | 0         | 55.5 | 58   | 64.9 | 157        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 7    | 5      | 28     | 1.102     | -0.036    | 2.395 | 0.01      | 0.007     | 0         | 55.9 | 58   | 64.9 | 158        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 7    | 20     | 28     | 1.053     | -0.079    | 2.392 | 0.01      | 0.007     | 0         | 55.5 | 58   | 65.4 | 158        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 7    | 35     | 28     | 1.066     | -0.039    | 2.395 | 0.01      | 0.007     | 0         | 55   | 58   | 65.8 | 157        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 7    | 50     | 28     | 1.024     | -0.056    | 2.395 | 0.013     | 0.01      | 0         | 55   | 58   | 65.8 | 157        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 8    | 5      | 28     | 1.079     | -0.062    | 2.392 | 0.016     | 0.013     | 0         | 55.9 | 57.6 | 65.4 | 158        | 164        | 0          | 28     | 30     |
| 2009 | 6     | 27  | 8    | 20     | 28     | 1.079     | -0.043    | 2.395 | 0.013     | 0.01      | 0         | 55.5 | 58   | 65.4 | 158        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 8    | 35     | 28     | 1.109     | -0.01     | 2.395 | 0.013     | 0.01      | 0         | 55.5 | 58.5 | 65.8 | 158        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 8    | 50     | 28     | 1.056     | -0.046    | 2.392 | 0.01      | 0.007     | 0         | 55.5 | 58   | 63.2 | 158        | 165        | 0          | 29     | 30     |
| 2009 | 6     | 27  | 9    | 5      | 28     | 1.033     | -0.046    | 2.385 | 0.01      | 0.007     | 0         | 55.9 | 58.9 | 58   | 159        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 9    | 20     | 28     | 0.988     | -0.062    | 2.382 | 0.01      | 0.007     | 0         | 55.9 | 58.9 | 57.6 | 159        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 9    | 35     | 28     | 0.974     | -0.023    | 2.382 | 0.01      | 0.007     | 0         | 56.3 | 59.3 | 57.6 | 160        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 9    | 50     | 28     | 1.04      | -0.03     | 2.379 | 0.013     | 0.01      | 0         | 56.3 | 59.8 | 57.6 | 160        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 10   | 5      | 28     | 1.02      | -0.043    | 2.379 | 0.013     | 0.01      | 0         | 56.3 | 58.5 | 60.6 | 159        | 166        | 0          | 28     | 30     |
| 2009 | 6     | 27  | 10   | 20     | 28     | 1.033     | -0.033    | 2.379 | 0.01      | 0.007     | 0         | 56.3 | 59.3 | 59.8 | 159        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 10   | 35     | 28     | 1.053     | -0.007    | 2.375 | 0.01      | 0.007     | 0         | 56.3 | 59.3 | 62.8 | 159        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 10   | 50     | 28     | 1.063     | -0.033    | 2.379 | 0.01      | 0.007     | 0         | 56.3 | 59.3 | 62.8 | 160        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 11   | 5      | 28     | 1.076     | -0.062    | 2.375 | 0.013     | 0.01      | 0         | 56.8 | 59.3 | 64.5 | 160        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 11   | 20     | 28     | 1.014     | -0.03     | 2.375 | 0.01      | 0.007     | 0         | 56.3 | 58.9 | 65.4 | 159        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 11   | 35     | 28     | 1.073     | -0.016    | 2.375 | 0.01      | 0.007     | 0         | 55.9 | 58.9 | 65.8 | 159        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 11   | 50     | 28     | 1.079     | -0.056    | 2.379 | 0.01      | 0.007     | 0         | 55.9 | 58.5 | 64.9 | 158        | 166        | 0          | 28     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 27  | 12   | 5      | 28     | 1.01      | -0.056    | 2.375 | 0.013     | 0.01      | 0         | 55.9 | 58.9 | 65.8 | 159        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 12   | 20     | 28     | 1.03      | -0.072    | 2.375 | 0.01      | 0.007     | 0         | 55.9 | 58.5 | 67.1 | 158        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 12   | 35     | 28     | 1.024     | -0.026    | 2.375 | 0.01      | 0.007     | 0         | 55.5 | 59.3 | 66.7 | 158        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 12   | 50     | 28     | 1.047     | -0.046    | 2.375 | 0.01      | 0.007     | 0         | 55.9 | 58.9 | 67.1 | 158        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 13   | 5      | 28     | 1.04      | -0.052    | 2.375 | 0.01      | 0.007     | 0         | 55.9 | 58.9 | 66.7 | 159        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 13   | 20     | 28     | 1.073     | -0.026    | 2.375 | 0.01      | 0.007     | 0         | 55.9 | 58.9 | 67.1 | 158        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 13   | 35     | 28     | 1.099     | -0.049    | 2.375 | 0.01      | 0.007     | 0         | 55.5 | 59.3 | 67.1 | 158        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 13   | 50     | 28     | 1.076     | -0.049    | 2.375 | 0.013     | 0.01      | 0         | 55.9 | 58.9 | 66.7 | 158        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 14   | 5      | 28     | 1.119     | -0.007    | 2.375 | 0.01      | 0.007     | 0         | 55   | 58.9 | 66.7 | 157        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 14   | 20     | 28     | 1.01      | -0.03     | 2.375 | 0.013     | 0.01      | 0         | 55.9 | 58.5 | 67.5 | 158        | 166        | 0          | 28     | 30     |
| 2009 | 6     | 27  | 14   | 35     | 28     | 1.033     | -0.007    | 2.375 | 0.01      | 0.007     | 0         | 56.3 | 59.3 | 64.5 | 158        | 166        | 0          | 27     | 28     |
| 2009 | 6     | 27  | 14   | 50     | 28     | 1.01      | -0.059    | 2.375 | 0.01      | 0.007     | 0         | 56.3 | 59.8 | 64.9 | 159        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 15   | 5      | 28     | 1.073     | -0.016    | 2.375 | 0.013     | 0.01      | 0         | 55.5 | 58.9 | 66.7 | 157        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 15   | 20     | 28     | 1.109     | -0.007    | 2.372 | 0.013     | 0.01      | 0         | 55.5 | 59.3 | 65.8 | 157        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 15   | 35     | 28     | 1.06      | -0.02     | 2.372 | 0.01      | 0.007     | 0         | 55.5 | 58.9 | 66.7 | 157        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 15   | 50     | 28     | 1.076     | -0.023    | 2.375 | 0.013     | 0.01      | 0         | 55.5 | 58.5 | 67.1 | 157        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 16   | 5      | 28     | 1.093     | -0.069    | 2.372 | 0.01      | 0.007     | 0         | 55   | 58.9 | 66.2 | 156        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 16   | 20     | 28     | 1.083     | -0.03     | 2.372 | 0.01      | 0.007     | 0         | 55   | 58.5 | 66.2 | 156        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 16   | 35     | 28     | 1.06      | -0.036    | 2.372 | 0.01      | 0.007     | 0         | 55   | 58.5 | 66.2 | 156        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 16   | 50     | 28     | 1.04      | -0.023    | 2.372 | 0.01      | 0.007     | 0         | 55   | 58.9 | 66.2 | 156        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 17   | 5      | 28     | 1.142     | -0.013    | 2.372 | 0.01      | 0.007     | 0         | 54.6 | 58.9 | 65.4 | 155        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 17   | 20     | 28     | 1.047     | -0.046    | 2.372 | 0.013     | 0.01      | 0         | 55   | 58.5 | 65.8 | 156        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 17   | 35     | 28     | 1.076     | -0.062    | 2.372 | 0.01      | 0.007     | 0         | 55   | 58.5 | 65.8 | 156        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 17   | 50     | 28     | 1.063     | -0.02     | 2.372 | 0.01      | 0.007     | 0         | 55   | 58.9 | 66.2 | 156        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 18   | 5      | 28     | 1.083     | -0.013    | 2.372 | 0.01      | 0.007     | 0         | 55   | 58.5 | 65.8 | 156        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 18   | 20     | 28     | 1.122     | -0.007    | 2.369 | 0.013     | 0.01      | 0         | 55   | 58.5 | 65.4 | 156        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 18   | 35     | 28     | 1.096     | -0.007    | 2.369 | 0.01      | 0.007     | 0         | 55   | 58.9 | 65.4 | 156        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 18   | 50     | 28     | 1.043     | -0.036    | 2.372 | 0.01      | 0.007     | 0         | 54.2 | 58.5 | 66.2 | 155        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 19   | 5      | 28     | 1.033     | -0.033    | 2.372 | 0.01      | 0.007     | 0         | 54.2 | 58   | 65.8 | 155        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 19   | 20     | 28     | 1.07      | -0.043    | 2.372 | 0.01      | 0.007     | 0         | 55   | 58.9 | 66.2 | 156        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 19   | 35     | 28     | 1.02      | -0.049    | 2.372 | 0.01      | 0.007     | 0         | 54.6 | 58.9 | 66.2 | 156        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 19   | 50     | 28     | 1.033     | -0.052    | 2.372 | 0.01      | 0.007     | 0         | 55   | 58.5 | 65.4 | 156        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 20   | 5      | 28     | 1.079     | -0.056    | 2.372 | 0.016     | 0.013     | 0         | 54.6 | 58.5 | 65.8 | 155        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 20   | 20     | 28     | 1.119     | -0.075    | 2.372 | 0.01      | 0.007     | 0         | 55   | 58   | 66.7 | 155        | 164        | 0          | 27     | 29     |
| 2009 | 6     | 27  | 20   | 35     | 28     | 1.106     | 0         | 2.372 | 0.013     | 0.01      | 0         | 56.3 | 58.5 | 66.2 | 159        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 20   | 50     | 28     | 1.093     | -0.01     | 2.372 | 0.01      | 0.007     | 0         | 55.9 | 58.5 | 67.1 | 158        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 21   | 5      | 28     | 1.066     | -0.023    | 2.372 | 0.01      | 0.007     | 0         | 55.9 | 58.5 | 67.1 | 158        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 21   | 20     | 28     | 1.076     | -0.036    | 2.375 | 0.013     | 0.01      | 0         | 55.9 | 58   | 67.1 | 158        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 21   | 35     | 28     | 1.06      | -0.043    | 2.375 | 0.01      | 0.007     | 0         | 55.9 | 58   | 67.5 | 158        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 21   | 50     | 28     | 1.07      | -0.052    | 2.375 | 0.016     | 0.013     | 0         | 55.5 | 58.5 | 67.9 | 157        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 22   | 5      | 28     | 1.037     | -0.03     | 2.375 | 0.013     | 0.01      | 0         | 55.5 | 58   | 68.4 | 157        | 163        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 22   | 20     | 28     | 1.122     | -0.049    | 2.375 | 0.01      | 0.007     | 0         | 55   | 57.6 | 68.4 | 156        | 163        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 22   | 35     | 28     | 1.056     | -0.039    | 2.375 | 0.01      | 0.007     | 0         | 55   | 57.6 | 68.4 | 156        | 162        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 22   | 50     | 28     | 1.047     | -0.043    | 2.375 | 0.01      | 0.007     | 0         | 55   | 57.6 | 67.5 | 156        | 163        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 23   | 5      | 28     | 1.043     | -0.036    | 2.375 | 0.013     | 0.01      | 0         | 55   | 57.6 | 68.4 | 156        | 163        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 23   | 20     | 28     | 1.099     | -0.013    | 2.375 | 0.01      | 0.007     | 0         | 55.5 | 58   | 68.4 | 156        | 163        | 0          | 27     | 28     |
| 2009 | 6     | 27  | 23   | 35     | 28     | 1.04      | -0.039    | 2.379 | 0.01      | 0.007     | 0         | 55.5 | 57.6 | 68.4 | 156        | 163        | 0          | 27     | 29     |
| 2009 | 6     | 27  | 23   | 50     | 28     | 1.083     | -0.046    | 2.375 | 0.01      | 0.007     | 0         | 55   | 57.6 | 68.4 | 156        | 163        | 0          | 28     | 29     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 28  | 0    | 5      | 28     | 1.047     | 0.01      | 2.375 | 0.01      | 0.007     | 0         | 55   | 57.6 | 68.4 | 156        | 163        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 0    | 20     | 28     | 1.076     | -0.023    | 2.375 | 0.01      | 0.007     | 0         | 55   | 57.6 | 68.8 | 156        | 163        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 0    | 35     | 28     | 1.066     | -0.046    | 2.375 | 0.013     | 0.01      | 0         | 55   | 57.6 | 68.4 | 156        | 163        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 0    | 50     | 28     | 1.04      | -0.033    | 2.375 | 0.01      | 0.007     | 0         | 54.6 | 57.6 | 67.9 | 155        | 163        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 1    | 5      | 28     | 1.079     | -0.01     | 2.375 | 0.01      | 0.007     | 0         | 55   | 57.2 | 68.8 | 155        | 162        | 0          | 27     | 29     |
| 2009 | 6     | 28  | 1    | 20     | 28     | 1.076     | -0.056    | 2.375 | 0.013     | 0.01      | 0         | 54.2 | 57.6 | 69.2 | 155        | 162        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 1    | 35     | 28     | 1.05      | -0.013    | 2.375 | 0.01      | 0.007     | 0         | 55   | 57.6 | 68.8 | 155        | 163        | 0          | 27     | 29     |
| 2009 | 6     | 28  | 1    | 50     | 28     | 1.037     | -0.052    | 2.375 | 0.01      | 0.007     | 0         | 55   | 57.6 | 68.4 | 157        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 2    | 5      | 28     | 1.024     | -0.016    | 2.379 | 0.013     | 0.01      | 0         | 55   | 57.2 | 68.4 | 156        | 162        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 2    | 20     | 28     | 1.076     | -0.046    | 2.379 | 0.01      | 0.007     | 0         | 55.5 | 57.2 | 67.5 | 157        | 163        | 0          | 28     | 30     |
| 2009 | 6     | 28  | 2    | 35     | 28     | 1.056     | -0.072    | 2.379 | 0.01      | 0.007     | 0         | 55.5 | 58   | 68.4 | 157        | 163        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 2    | 50     | 28     | 1.07      | -0.043    | 2.379 | 0.01      | 0.007     | 0         | 55.5 | 58   | 68.4 | 157        | 163        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 3    | 5      | 28     | 1.04      | -0.075    | 2.375 | 0.01      | 0.007     | 0         | 55.5 | 57.6 | 68.4 | 157        | 163        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 3    | 20     | 28     | 1.02      | -0.079    | 2.375 | 0.016     | 0.013     | 0         | 55.9 | 58   | 68.4 | 158        | 163        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 3    | 35     | 28     | 1.037     | -0.059    | 2.375 | 0.013     | 0.01      | 0         | 55.9 | 58   | 67.5 | 158        | 163        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 3    | 50     | 28     | 1.05      | -0.072    | 2.375 | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 68.4 | 158        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 4    | 5      | 28     | 1.096     | -0.043    | 2.379 | 0.01      | 0.007     | 0         | 55.5 | 57.6 | 67.9 | 157        | 163        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 4    | 20     | 28     | 1.024     | -0.033    | 2.379 | 0.01      | 0.007     | 0         | 55.5 | 58.5 | 67.5 | 157        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 4    | 35     | 28     | 1.066     | -0.033    | 2.379 | 0.013     | 0.01      | 0         | 55.5 | 58   | 67.1 | 157        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 4    | 50     | 28     | 1.07      | -0.049    | 2.379 | 0.013     | 0.01      | 0         | 55.9 | 58   | 66.7 | 158        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 5    | 5      | 28     | 1.033     | -0.052    | 2.375 | 0.01      | 0.007     | 0         | 55.5 | 58   | 66.7 | 158        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 5    | 20     | 28     | 1.063     | -0.039    | 2.379 | 0.01      | 0.007     | 0         | 55.9 | 58.5 | 67.1 | 158        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 5    | 35     | 28     | 1.102     | -0.033    | 2.375 | 0.01      | 0.007     | 0         | 55.9 | 58.5 | 66.2 | 158        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 5    | 50     | 28     | 1.083     | -0.013    | 2.375 | 0.01      | 0.007     | 0         | 55.9 | 58   | 67.1 | 158        | 165        | 0          | 28     | 30     |
| 2009 | 6     | 28  | 6    | 5      | 28     | 1.102     | -0.03     | 2.379 | 0.013     | 0.01      | 0         | 55.5 | 58   | 65.8 | 158        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 6    | 20     | 28     | 1.089     | -0.039    | 2.379 | 0.013     | 0.01      | 0         | 55.5 | 58   | 66.2 | 157        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 6    | 35     | 28     | 1.115     | -0.036    | 2.375 | 0.01      | 0.007     | 0         | 55.5 | 58   | 66.7 | 157        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 6    | 50     | 28     | 1.086     | -0.013    | 2.375 | 0.01      | 0.007     | 0         | 55   | 58.5 | 66.2 | 157        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 7    | 5      | 28     | 1.063     | -0.033    | 2.379 | 0.013     | 0.01      | 0         | 55.9 | 58   | 65.8 | 158        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 7    | 20     | 28     | 1.066     | -0.03     | 2.379 | 0.01      | 0.007     | 0         | 55.5 | 58   | 66.7 | 158        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 7    | 35     | 28     | 1.109     | -0.046    | 2.375 | 0.01      | 0.007     | 0         | 55.5 | 58   | 65.8 | 158        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 7    | 50     | 28     | 1.096     | -0.023    | 2.379 | 0.01      | 0.007     | 0         | 55.5 | 58.5 | 65.4 | 158        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 8    | 5      | 28     | 1.079     | -0.039    | 2.379 | 0.01      | 0.007     | 0         | 55.5 | 58.5 | 64.5 | 158        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 8    | 20     | 28     | 1.066     | -0.059    | 2.379 | 0.01      | 0.007     | 0         | 55.5 | 58   | 64.9 | 158        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 8    | 35     | 28     | 1.063     | -0.046    | 2.379 | 0.01      | 0.007     | 0         | 55.5 | 58.9 | 64.5 | 158        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 8    | 50     | 28     | 1.066     | -0.013    | 2.379 | 0.013     | 0.01      | 0         | 56.3 | 58.5 | 65.4 | 159        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 9    | 5      | 28     | 1.053     | -0.049    | 2.379 | 0.01      | 0.007     | 0         | 55.9 | 58.5 | 65.8 | 158        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 9    | 20     | 28     | 1.122     | -0.059    | 2.379 | 0.01      | 0.007     | 0         | 55.9 | 58.5 | 64.9 | 158        | 166        | 0          | 28     | 30     |
| 2009 | 6     | 28  | 9    | 35     | 28     | 1.014     | -0.049    | 2.379 | 0.013     | 0.01      | 0         | 55.5 | 58.9 | 64.5 | 158        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 9    | 50     | 28     | 1.053     | -0.039    | 2.379 | 0.01      | 0.007     | 0         | 55.9 | 58.9 | 64.9 | 159        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 10   | 5      | 28     | 1.024     | -0.043    | 2.379 | 0.01      | 0.007     | 0         | 55.9 | 58.9 | 65.4 | 158        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 10   | 20     | 28     | 1.056     | -0.02     | 2.379 | 0.013     | 0.01      | 0         | 56.8 | 59.8 | 63.6 | 160        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 10   | 35     | 28     | 1.07      | -0.033    | 2.375 | 0.01      | 0.007     | 0         | 56.3 | 59.3 | 64.1 | 160        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 10   | 50     | 28     | 1.079     | -0.03     | 2.379 | 0.013     | 0.01      | 0         | 56.3 | 59.3 | 65.8 | 159        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 11   | 5      | 28     | 1.102     | -0.02     | 2.375 | 0.013     | 0.01      | 0         | 55.9 | 59.3 | 65.8 | 159        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 11   | 20     | 28     | 1.03      | -0.066    | 2.379 | 0.013     | 0.01      | 0         | 56.3 | 58.9 | 65.4 | 160        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 11   | 35     | 28     | 1.037     | -0.049    | 2.379 | 0.01      | 0.007     | 0         | 55.9 | 58.9 | 65.8 | 159        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 11   | 50     | 28     | 1.04      | -0.052    | 2.379 | 0.013     | 0.01      | 0         | 55.9 | 58.9 | 66.2 | 158        | 166        | 0          | 28     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 28  | 12   | 5      | 28     | 1.119     | -0.033    | 2.375 | 0.01      | 0.007     | 0         | 55.9 | 58.5 | 65.8 | 158        | 166        | 0          | 28     | 30     |
| 2009 | 6     | 28  | 12   | 20     | 28     | 1.079     | -0.062    | 2.379 | 0.013     | 0.01      | 0         | 55.9 | 58.9 | 66.7 | 158        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 12   | 35     | 28     | 1.056     | 0.003     | 2.379 | 0.01      | 0.007     | 0         | 55.5 | 58.9 | 65.8 | 157        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 12   | 50     | 28     | 1.04      | -0.043    | 2.379 | 0.013     | 0.01      | 0         | 55.9 | 58.9 | 65.4 | 158        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 13   | 5      | 28     | 1.086     | -0.036    | 2.379 | 0.01      | 0.007     | 0         | 55.9 | 58.9 | 66.7 | 158        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 13   | 20     | 28     | 1.07      | -0.036    | 2.379 | 0.01      | 0.007     | 0         | 55.9 | 58.9 | 65.8 | 158        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 13   | 35     | 28     | 1.027     | -0.069    | 2.379 | 0.013     | 0.01      | 0         | 55.9 | 59.3 | 66.7 | 158        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 13   | 50     | 28     | 1.056     | -0.007    | 2.379 | 0.01      | 0.007     | 0         | 55.5 | 58.9 | 65.4 | 158        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 14   | 5      | 28     | 1.01      | -0.062    | 2.379 | 0.01      | 0.007     | 0         | 55.9 | 58.9 | 66.7 | 158        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 14   | 20     | 28     | 1.056     | -0.056    | 2.379 | 0.01      | 0.007     | 0         | 55.9 | 58.9 | 66.7 | 158        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 14   | 35     | 28     | 1.037     | -0.013    | 2.379 | 0.013     | 0.01      | 0         | 55.5 | 58.9 | 66.7 | 157        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 14   | 50     | 28     | 1.05      | -0.03     | 2.379 | 0.01      | 0.007     | 0         | 55.5 | 58.9 | 67.1 | 158        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 15   | 5      | 28     | 1.07      | -0.02     | 2.379 | 0.013     | 0.01      | 0         | 55.5 | 58.9 | 67.1 | 157        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 15   | 20     | 28     | 1.043     | -0.062    | 2.382 | 0.01      | 0.007     | 0         | 55.5 | 58.5 | 66.7 | 157        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 15   | 35     | 28     | 1.056     | -0.046    | 2.382 | 0.01      | 0.007     | 0         | 55   | 58.5 | 67.5 | 156        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 15   | 50     | 28     | 1.07      | -0.052    | 2.379 | 0.01      | 0.007     | 0         | 55   | 58.9 | 66.7 | 156        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 16   | 5      | 28     | 1.027     | -0.033    | 2.382 | 0.013     | 0.01      | 0         | 55   | 58.9 | 67.5 | 156        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 16   | 20     | 28     | 1.06      | -0.036    | 2.379 | 0.01      | 0.007     | 0         | 55   | 58.5 | 67.5 | 155        | 165        | 0          | 27     | 29     |
| 2009 | 6     | 28  | 16   | 35     | 28     | 1.06      | -0.052    | 2.379 | 0.013     | 0.01      | 0         | 55   | 58.9 | 67.5 | 156        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 16   | 50     | 28     | 1.086     | -0.056    | 2.379 | 0.013     | 0.01      | 0         | 54.6 | 58.9 | 68.4 | 155        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 17   | 5      | 28     | 1.06      | -0.059    | 2.379 | 0.01      | 0.007     | 0         | 54.6 | 58.5 | 67.1 | 155        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 17   | 20     | 28     | 1.083     | -0.036    | 2.382 | 0.01      | 0.007     | 0         | 54.2 | 58.5 | 67.5 | 155        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 17   | 35     | 28     | 1.063     | -0.023    | 2.382 | 0.01      | 0.007     | 0         | 54.2 | 58.5 | 67.5 | 155        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 17   | 50     | 28     | 1.083     | -0.046    | 2.379 | 0.01      | 0.007     | 0         | 54.6 | 58.5 | 67.5 | 155        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 18   | 5      | 28     | 1.109     | -0.003    | 2.379 | 0.01      | 0.007     | 0         | 54.6 | 58.5 | 67.5 | 155        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 18   | 20     | 28     | 1.073     | -0.043    | 2.379 | 0.013     | 0.01      | 0         | 55   | 58.5 | 67.5 | 155        | 165        | 0          | 27     | 29     |
| 2009 | 6     | 28  | 18   | 35     | 28     | 1.102     | -0.023    | 2.382 | 0.016     | 0.013     | 0         | 54.2 | 58   | 67.5 | 154        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 18   | 50     | 28     | 1.083     | -0.043    | 2.382 | 0.01      | 0.007     | 0         | 54.6 | 58.9 | 67.9 | 155        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 19   | 5      | 28     | 1.083     | -0.01     | 2.382 | 0.013     | 0.01      | 0         | 55.9 | 59.8 | 66.7 | 158        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 19   | 20     | 28     | 1.047     | -0.03     | 2.382 | 0.013     | 0.01      | 0         | 54.6 | 58.9 | 67.1 | 156        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 19   | 35     | 28     | 1.047     | -0.013    | 2.382 | 0.01      | 0.007     | 0         | 54.6 | 58.9 | 67.5 | 155        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 19   | 50     | 28     | 1.073     | -0.016    | 2.382 | 0.01      | 0.007     | 0         | 54.2 | 58.9 | 67.9 | 154        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 20   | 5      | 28     | 1.129     | -0.03     | 2.382 | 0.013     | 0.01      | 0         | 53.8 | 58.5 | 67.5 | 153        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 20   | 20     | 28     | 1.053     | -0.049    | 2.382 | 0.01      | 0.007     | 0         | 55   | 58.5 | 67.5 | 156        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 20   | 35     | 28     | 1.112     | -0.007    | 2.382 | 0.013     | 0.01      | 0         | 56.3 | 58.9 | 67.5 | 159        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 20   | 50     | 28     | 1.079     | -0.049    | 2.382 | 0.01      | 0.007     | 0         | 55.5 | 58.5 | 67.5 | 158        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 21   | 5      | 28     | 1.083     | -0.052    | 2.382 | 0.013     | 0.01      | 0         | 56.3 | 58.5 | 67.5 | 159        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 21   | 20     | 28     | 1.056     | -0.062    | 2.382 | 0.01      | 0.007     | 0         | 55.9 | 58.5 | 67.5 | 158        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 21   | 35     | 28     | 1.024     | -0.052    | 2.385 | 0.01      | 0.007     | 0         | 55.9 | 58.5 | 67.5 | 158        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 21   | 50     | 28     | 1.053     | -0.049    | 2.385 | 0.01      | 0.007     | 0         | 56.3 | 58.5 | 67.5 | 158        | 164        | 0          | 27     | 28     |
| 2009 | 6     | 28  | 22   | 5      | 28     | 1.043     | -0.026    | 2.385 | 0.013     | 0.01      | 0         | 55.5 | 58   | 67.5 | 157        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 22   | 20     | 28     | 1.079     | -0.013    | 2.385 | 0.016     | 0.013     | 0         | 55.5 | 58   | 67.9 | 157        | 163        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 22   | 35     | 28     | 1.086     | -0.033    | 2.385 | 0.013     | 0.01      | 0         | 55.9 | 58   | 67.5 | 158        | 163        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 22   | 50     | 28     | 1.093     | -0.026    | 2.385 | 0.01      | 0.007     | 0         | 55.9 | 57.6 | 67.9 | 157        | 163        | 0          | 27     | 29     |
| 2009 | 6     | 28  | 23   | 5      | 28     | 1.083     | -0.01     | 2.385 | 0.01      | 0.007     | 0         | 56.3 | 57.6 | 67.5 | 158        | 163        | 0          | 27     | 29     |
| 2009 | 6     | 28  | 23   | 20     | 28     | 1.115     | -0.062    | 2.382 | 0.01      | 0.007     | 0         | 55.9 | 57.6 | 68.4 | 158        | 163        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 23   | 35     | 28     | 1.079     | -0.023    | 2.385 | 0.01      | 0.007     | 0         | 55.9 | 57.6 | 67.5 | 158        | 163        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 23   | 50     | 28     | 1.086     | -0.046    | 2.385 | 0.01      | 0.007     | 0         | 55.5 | 57.6 | 67.9 | 157        | 163        | 0          | 28     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 29  | 0    | 5      | 28     | 1.112     | -0.023    | 2.385 | 0.01      | 0.007     | 0         | 55.5 | 58   | 67.5 | 157        | 163        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 0    | 20     | 28     | 1.119     | -0.036    | 2.385 | 0.01      | 0.007     | 0         | 55.5 | 57.6 | 67.5 | 157        | 163        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 0    | 35     | 28     | 1.014     | -0.039    | 2.385 | 0.013     | 0.01      | 0         | 55.9 | 57.6 | 67.5 | 157        | 163        | 0          | 27     | 29     |
| 2009 | 6     | 29  | 0    | 50     | 28     | 1.083     | -0.003    | 2.385 | 0.013     | 0.01      | 0         | 55.5 | 58   | 67.5 | 157        | 163        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 1    | 5      | 28     | 1.043     | -0.036    | 2.385 | 0.01      | 0.007     | 0         | 55.5 | 58   | 67.1 | 157        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 1    | 20     | 28     | 1.076     | -0.036    | 2.385 | 0.01      | 0.007     | 0         | 55.5 | 58   | 66.7 | 157        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 1    | 35     | 28     | 1.07      | -0.013    | 2.385 | 0.013     | 0.01      | 0         | 55.9 | 58   | 66.7 | 158        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 1    | 50     | 28     | 1.083     | -0.036    | 2.385 | 0.01      | 0.007     | 0         | 55.9 | 58   | 66.7 | 158        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 2    | 5      | 28     | 1.066     | 0         | 2.385 | 0.01      | 0.007     | 0         | 55.9 | 58.5 | 66.7 | 158        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 2    | 20     | 28     | 1.073     | 0.007     | 2.385 | 0.01      | 0.007     | 0         | 55.9 | 58.5 | 66.7 | 158        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 2    | 35     | 28     | 1.056     | -0.023    | 2.385 | 0.01      | 0.007     | 0         | 55.9 | 58.9 | 66.7 | 158        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 2    | 50     | 28     | 1.083     | -0.023    | 2.385 | 0.013     | 0.01      | 0         | 55.9 | 58.5 | 66.2 | 158        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 3    | 5      | 28     | 1.089     | -0.016    | 2.385 | 0.01      | 0.007     | 0         | 55.9 | 58.9 | 66.2 | 159        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 3    | 20     | 28     | 1.096     | -0.02     | 2.385 | 0.01      | 0.007     | 0         | 55.9 | 58.9 | 65.8 | 158        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 3    | 35     | 28     | 1.096     | -0.026    | 2.385 | 0.01      | 0.007     | 0         | 56.3 | 58.5 | 65.8 | 159        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 3    | 50     | 28     | 1.076     | -0.02     | 2.385 | 0.013     | 0.01      | 0         | 56.3 | 59.3 | 65.8 | 159        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 4    | 5      | 28     | 1.063     | -0.033    | 2.385 | 0.01      | 0.007     | 0         | 56.3 | 58.9 | 64.9 | 159        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 4    | 20     | 28     | 1.063     | -0.003    | 2.388 | 0.01      | 0.007     | 0         | 56.3 | 59.3 | 64.9 | 159        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 4    | 35     | 28     | 1.017     | -0.016    | 2.388 | 0.01      | 0.007     | 0         | 56.3 | 58.9 | 64.5 | 159        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 4    | 50     | 28     | 1.086     | -0.013    | 2.388 | 0.01      | 0.007     | 0         | 56.3 | 59.3 | 64.5 | 159        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 5    | 5      | 28     | 1.086     | -0.03     | 2.385 | 0.013     | 0.01      | 0         | 56.3 | 59.8 | 64.1 | 159        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 5    | 20     | 28     | 1.053     | -0.003    | 2.388 | 0.01      | 0.007     | 0         | 56.3 | 59.3 | 63.6 | 159        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 5    | 35     | 28     | 1.089     | -0.023    | 2.392 | 0.013     | 0.01      | 0         | 56.8 | 59.3 | 63.2 | 160        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 5    | 50     | 28     | 1.086     | -0.043    | 2.392 | 0.01      | 0.007     | 0         | 57.2 | 59.8 | 63.2 | 161        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 6    | 5      | 28     | 1.07      | 0         | 2.392 | 0.01      | 0.007     | 0         | 56.8 | 59.8 | 62.8 | 160        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 6    | 20     | 28     | 1.056     | -0.026    | 2.395 | 0.013     | 0.01      | 0         | 56.3 | 58.5 | 63.6 | 160        | 166        | 0          | 29     | 30     |
| 2009 | 6     | 29  | 6    | 35     | 28     | 1.076     | -0.016    | 2.398 | 0.01      | 0.007     | 0         | 56.8 | 59.3 | 63.6 | 160        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 6    | 50     | 28     | 1.099     | -0.039    | 2.398 | 0.01      | 0.007     | 0         | 56.3 | 59.3 | 64.1 | 160        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 7    | 5      | 28     | 1.056     | -0.046    | 2.402 | 0.01      | 0.007     | 0         | 55.9 | 58.9 | 64.1 | 159        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 7    | 20     | 28     | 1.076     | -0.066    | 2.402 | 0.01      | 0.007     | 0         | 56.8 | 59.3 | 64.5 | 160        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 7    | 35     | 28     | 1.024     | -0.007    | 2.405 | 0.013     | 0.01      | 0         | 56.8 | 59.3 | 64.9 | 160        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 7    | 50     | 28     | 1.112     | -0.039    | 2.402 | 0.01      | 0.007     | 0         | 56.8 | 59.8 | 64.9 | 160        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 8    | 5      | 28     | 1.083     | -0.013    | 2.405 | 0.013     | 0.01      | 0         | 56.8 | 59.3 | 65.4 | 160        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 8    | 20     | 28     | 1.076     | -0.013    | 2.405 | 0.01      | 0.007     | 0         | 56.8 | 59.3 | 65.4 | 161        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 8    | 35     | 28     | 1.073     | -0.013    | 2.405 | 0.01      | 0.007     | 0         | 56.8 | 59.3 | 65.4 | 160        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 8    | 50     | 28     | 1.066     | -0.007    | 2.405 | 0.013     | 0.01      | 0         | 56.8 | 59.8 | 65.4 | 160        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 9    | 5      | 28     | 1.053     | -0.02     | 2.402 | 0.01      | 0.007     | 0         | 57.2 | 60.2 | 61.1 | 161        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 9    | 20     | 28     | 1.037     | -0.072    | 2.405 | 0.01      | 0.007     | 0         | 57.2 | 60.2 | 60.6 | 162        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 9    | 35     | 28     | 1.033     | 0         | 2.402 | 0.01      | 0.007     | 0         | 57.2 | 61.1 | 58   | 162        | 170        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 9    | 50     | 28     | 1.06      | -0.007    | 2.402 | 0.01      | 0.007     | 0         | 57.6 | 60.6 | 57.2 | 162        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 10   | 5      | 28     | 1.033     | 0.023     | 2.402 | 0.013     | 0.01      | 0         | 57.2 | 60.6 | 57.6 | 162        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 10   | 20     | 28     | 1.05      | 0         | 2.398 | 0.013     | 0.01      | 0         | 57.2 | 60.6 | 55.9 | 162        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 10   | 35     | 28     | 1.07      | 0.013     | 2.402 | 0.01      | 0.007     | 0         | 57.6 | 60.6 | 58.9 | 162        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 10   | 50     | 28     | 1.073     | -0.026    | 2.402 | 0.01      | 0.007     | 0         | 57.6 | 60.6 | 62.4 | 162        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 11   | 5      | 28     | 1.047     | -0.046    | 2.402 | 0.013     | 0.01      | 0         | 57.6 | 60.2 | 63.6 | 161        | 169        | 0          | 27     | 29     |
| 2009 | 6     | 29  | 11   | 20     | 28     | 1.053     | -0.052    | 2.405 | 0.01      | 0.007     | 0         | 56.8 | 59.8 | 63.6 | 161        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 11   | 35     | 28     | 1.027     | -0.102    | 2.405 | 0.01      | 0.007     | 0         | 56.3 | 59.8 | 64.5 | 160        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 11   | 50     | 28     | 1.043     | -0.046    | 2.405 | 0.016     | 0.013     | 0         | 56.8 | 59.8 | 64.1 | 160        | 168        | 0          | 28     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 29  | 12   | 5      | 28     | 1.06      | -0.049    | 2.402 | 0.01      | 0.007     | 0         | 55.9 | 59.3 | 62.8 | 159        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 12   | 20     | 28     | 1.109     | -0.033    | 2.398 | 0.01      | 0.007     | 0         | 55.9 | 59.8 | 62.4 | 159        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 12   | 35     | 28     | 1.079     | -0.079    | 2.402 | 0.01      | 0.007     | 0         | 56.3 | 59.3 | 59.8 | 159        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 12   | 50     | 28     | 1.079     | -0.003    | 2.395 | 0.01      | 0.007     | 0         | 56.8 | 60.2 | 58.5 | 160        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 13   | 5      | 28     | 1.096     | -0.03     | 2.392 | 0.016     | 0.013     | 0         | 57.2 | 60.2 | 58.9 | 161        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 13   | 20     | 28     | 1.076     | 0         | 2.392 | 0.013     | 0.01      | 0         | 57.2 | 60.2 | 52.9 | 161        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 13   | 35     | 28     | 1.047     | 0.003     | 2.388 | 0.013     | 0.01      | 0         | 57.6 | 61.9 | 57.6 | 163        | 172        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 13   | 50     | 28     | 1.083     | 0.013     | 2.388 | 0.013     | 0.01      | 0         | 58.9 | 62.4 | 58.9 | 165        | 174        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 14   | 5      | 28     | 1.066     | 0         | 2.388 | 0.01      | 0.007     | 0         | 57.6 | 62.4 | 60.6 | 163        | 172        | 0          | 29     | 27     |
| 2009 | 6     | 29  | 14   | 20     | 28     | 1.102     | -0.026    | 2.388 | 0.013     | 0.01      | 0         | 57.2 | 61.1 | 61.9 | 162        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 14   | 35     | 28     | 1.093     | -0.026    | 2.388 | 0.01      | 0.007     | 0         | 57.2 | 61.1 | 61.9 | 161        | 170        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 14   | 50     | 28     | 1.122     | -0.007    | 2.388 | 0.01      | 0.007     | 0         | 56.8 | 60.2 | 63.2 | 160        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 15   | 5      | 28     | 1.089     | 0.023     | 2.388 | 0.01      | 0.007     | 0         | 56.3 | 60.2 | 63.2 | 159        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 15   | 20     | 28     | 1.109     | -0.02     | 2.392 | 0.01      | 0.007     | 0         | 55.9 | 59.8 | 63.6 | 158        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 15   | 35     | 28     | 1.07      | -0.02     | 2.392 | 0.01      | 0.007     | 0         | 55.9 | 60.2 | 64.1 | 158        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 15   | 50     | 28     | 1.063     | -0.046    | 2.388 | 0.013     | 0.01      | 0         | 55   | 59.3 | 63.6 | 157        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 16   | 5      | 28     | 1.056     | -0.03     | 2.392 | 0.01      | 0.007     | 0         | 55.9 | 59.8 | 63.6 | 157        | 167        | 0          | 27     | 28     |
| 2009 | 6     | 29  | 16   | 20     | 28     | 1.056     | -0.033    | 2.392 | 0.01      | 0.007     | 0         | 55.5 | 59.3 | 61.9 | 157        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 16   | 35     | 28     | 1.079     | -0.023    | 2.388 | 0.01      | 0.007     | 0         | 55.9 | 60.2 | 60.6 | 158        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 16   | 50     | 28     | 1.112     | -0.003    | 2.388 | 0.01      | 0.007     | 0         | 55.9 | 60.2 | 62.8 | 158        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 17   | 5      | 28     | 1.115     | -0.013    | 2.388 | 0.013     | 0.01      | 0         | 55.5 | 59.8 | 63.6 | 157        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 17   | 20     | 28     | 1.112     | -0.036    | 2.388 | 0.01      | 0.007     | 0         | 55.5 | 59.3 | 64.5 | 157        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 17   | 35     | 28     | 1.083     | -0.033    | 2.388 | 0.01      | 0.007     | 0         | 55.5 | 59.3 | 64.9 | 157        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 17   | 50     | 28     | 1.122     | -0.03     | 2.388 | 0.01      | 0.007     | 0         | 54.6 | 59.3 | 63.6 | 156        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 18   | 5      | 28     | 1.093     | -0.036    | 2.388 | 0.01      | 0.007     | 0         | 55   | 59.3 | 64.5 | 156        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 18   | 20     | 28     | 1.073     | -0.033    | 2.392 | 0.013     | 0.01      | 0         | 54.6 | 59.3 | 64.1 | 156        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 18   | 35     | 28     | 1.096     | -0.046    | 2.392 | 0.013     | 0.01      | 0         | 54.6 | 58.9 | 64.5 | 155        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 18   | 50     | 28     | 1.096     | -0.007    | 2.392 | 0.01      | 0.007     | 0         | 54.6 | 59.3 | 64.5 | 155        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 19   | 5      | 28     | 1.102     | -0.043    | 2.392 | 0.01      | 0.007     | 0         | 55.5 | 58.9 | 65.4 | 156        | 166        | 0          | 27     | 29     |
| 2009 | 6     | 29  | 19   | 20     | 28     | 1.096     | -0.046    | 2.392 | 0.013     | 0.01      | 0         | 54.6 | 59.3 | 64.5 | 155        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 19   | 35     | 28     | 1.099     | -0.013    | 2.392 | 0.01      | 0.007     | 0         | 54.2 | 59.3 | 64.5 | 155        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 19   | 50     | 28     | 1.07      | -0.056    | 2.392 | 0.01      | 0.007     | 0         | 54.6 | 58.9 | 64.5 | 155        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 20   | 5      | 28     | 1.076     | -0.013    | 2.392 | 0.01      | 0.007     | 0         | 54.2 | 58.9 | 64.5 | 154        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 20   | 20     | 28     | 1.037     | -0.075    | 2.395 | 0.01      | 0.007     | 0         | 53.8 | 58.9 | 64.1 | 154        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 20   | 35     | 28     | 1.093     | -0.052    | 2.395 | 0.01      | 0.007     | 0         | 54.2 | 58.9 | 64.5 | 154        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 20   | 50     | 28     | 1.066     | -0.085    | 2.395 | 0.016     | 0.013     | 0         | 54.2 | 58.9 | 64.5 | 154        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 21   | 5      | 28     | 1.024     | -0.062    | 2.395 | 0.01      | 0.007     | 0         | 54.2 | 58.5 | 64.1 | 154        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 21   | 20     | 28     | 1.06      | -0.036    | 2.398 | 0.01      | 0.007     | 0         | 53.8 | 58.5 | 64.5 | 153        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 21   | 35     | 28     | 1.076     | -0.03     | 2.395 | 0.01      | 0.007     | 0         | 53.3 | 58.9 | 64.5 | 153        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 21   | 50     | 28     | 1.04      | -0.072    | 2.398 | 0.01      | 0.007     | 0         | 53.8 | 58   | 64.5 | 153        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 22   | 5      | 28     | 1.024     | -0.062    | 2.398 | 0.01      | 0.007     | 0         | 53.8 | 58   | 64.5 | 153        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 22   | 20     | 28     | 1.03      | -0.062    | 2.402 | 0.016     | 0.013     | 0         | 53.8 | 58.9 | 64.5 | 154        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 22   | 35     | 28     | 1.053     | -0.039    | 2.402 | 0.013     | 0.01      | 0         | 53.8 | 58.9 | 64.5 | 153        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 22   | 50     | 28     | 1.05      | -0.026    | 2.402 | 0.01      | 0.007     | 0         | 54.2 | 58.9 | 64.5 | 153        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 29  | 23   | 5      | 28     | 1.024     | -0.023    | 2.402 | 0.01      | 0.007     | 0         | 54.2 | 58.5 | 64.1 | 153        | 165        | 0          | 27     | 29     |
| 2009 | 6     | 29  | 23   | 20     | 28     | 1.086     | -0.085    | 2.402 | 0.013     | 0.01      | 0         | 53.3 | 58.5 | 64.1 | 152        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 23   | 35     | 28     | 1.073     | -0.03     | 2.398 | 0.01      | 0.007     | 0         | 54.2 | 58.9 | 64.1 | 153        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 29  | 23   | 50     | 28     | 1.073     | -0.013    | 2.402 | 0.01      | 0.007     | 0         | 53.3 | 58.9 | 64.1 | 152        | 165        | 0          | 28     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 30  | 0    | 5      | 28     | 1.086     | 0.007     | 2.402 | 0.013     | 0.01      | 0         | 53.3 | 58.9 | 64.1 | 153        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 0    | 20     | 28     | 1.079     | -0.007    | 2.405 | 0.01      | 0.007     | 0         | 53.3 | 58.9 | 64.5 | 152        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 0    | 35     | 28     | 1.066     | -0.03     | 2.405 | 0.01      | 0.007     | 0         | 53.3 | 58.5 | 64.5 | 152        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 0    | 50     | 28     | 1.066     | -0.02     | 2.405 | 0.01      | 0.007     | 0         | 53.3 | 58.5 | 64.9 | 152        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 1    | 5      | 28     | 1.04      | -0.03     | 2.405 | 0.01      | 0.007     | 0         | 53.3 | 58.9 | 64.1 | 152        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 1    | 20     | 28     | 1.096     | 0.013     | 2.402 | 0.01      | 0.007     | 0         | 53.3 | 58.9 | 64.1 | 152        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 1    | 35     | 28     | 1.096     | -0.016    | 2.405 | 0.01      | 0.007     | 0         | 53.8 | 58.5 | 64.1 | 153        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 1    | 50     | 28     | 1.096     | 0         | 2.405 | 0.01      | 0.007     | 0         | 53.3 | 58.5 | 64.5 | 152        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 2    | 5      | 28     | 1.086     | -0.036    | 2.408 | 0.01      | 0.007     | 0         | 52.9 | 58.5 | 64.5 | 152        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 2    | 20     | 28     | 1.115     | -0.036    | 2.408 | 0.013     | 0.01      | 0         | 53.8 | 58.5 | 64.9 | 152        | 164        | 0          | 27     | 28     |
| 2009 | 6     | 30  | 2    | 35     | 28     | 1.053     | -0.003    | 2.408 | 0.01      | 0.007     | 0         | 53.3 | 58.9 | 65.4 | 152        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 2    | 50     | 28     | 1.083     | -0.036    | 2.408 | 0.01      | 0.007     | 0         | 53.3 | 58.9 | 64.9 | 152        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 3    | 5      | 28     | 1.109     | -0.026    | 2.408 | 0.01      | 0.007     | 0         | 53.3 | 58.9 | 64.9 | 152        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 3    | 20     | 28     | 1.076     | -0.01     | 2.408 | 0.01      | 0.007     | 0         | 52.9 | 58.5 | 65.4 | 151        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 3    | 35     | 28     | 1.099     | -0.033    | 2.408 | 0.01      | 0.007     | 0         | 53.3 | 58.5 | 64.1 | 152        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 3    | 50     | 28     | 1.076     | -0.036    | 2.411 | 0.01      | 0.007     | 0         | 53.3 | 58.5 | 65.8 | 152        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 4    | 5      | 28     | 1.07      | 0         | 2.408 | 0.01      | 0.007     | 0         | 53.3 | 59.3 | 65.4 | 152        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 4    | 20     | 28     | 1.096     | -0.039    | 2.411 | 0.013     | 0.01      | 0         | 53.3 | 58.9 | 65.8 | 152        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 4    | 35     | 28     | 1.096     | -0.007    | 2.411 | 0.01      | 0.007     | 0         | 53.3 | 59.3 | 65.4 | 152        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 4    | 50     | 28     | 1.056     | -0.023    | 2.411 | 0.01      | 0.007     | 0         | 53.8 | 58.9 | 65.8 | 152        | 166        | 0          | 27     | 29     |
| 2009 | 6     | 30  | 5    | 5      | 28     | 1.086     | -0.01     | 2.411 | 0.013     | 0.01      | 0         | 53.8 | 59.3 | 66.2 | 153        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 5    | 20     | 28     | 1.073     | -0.007    | 2.411 | 0.01      | 0.007     | 0         | 53.8 | 58.9 | 65.8 | 153        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 5    | 35     | 28     | 1.086     | -0.013    | 2.411 | 0.01      | 0.007     | 0         | 53.8 | 58.5 | 66.2 | 153        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 5    | 50     | 28     | 1.096     | -0.026    | 2.411 | 0.013     | 0.01      | 0         | 53.8 | 59.3 | 65.8 | 153        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 6    | 5      | 28     | 1.083     | -0.023    | 2.411 | 0.01      | 0.007     | 0         | 54.2 | 59.8 | 66.7 | 154        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 6    | 20     | 28     | 1.096     | -0.03     | 2.411 | 0.01      | 0.007     | 0         | 53.8 | 59.3 | 66.2 | 153        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 6    | 35     | 28     | 1.079     | -0.013    | 2.411 | 0.01      | 0.007     | 0         | 52.9 | 59.3 | 67.1 | 152        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 6    | 50     | 28     | 1.083     | -0.03     | 2.411 | 0.013     | 0.01      | 0         | 53.8 | 59.3 | 65.8 | 153        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 7    | 5      | 28     | 1.106     | -0.02     | 2.411 | 0.01      | 0.007     | 0         | 53.8 | 58.9 | 66.7 | 153        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 7    | 20     | 28     | 1.099     | -0.056    | 2.411 | 0.013     | 0.01      | 0         | 52.9 | 58.9 | 67.5 | 152        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 7    | 35     | 28     | 1.079     | -0.052    | 2.415 | 0.013     | 0.01      | 0         | 53.3 | 58.5 | 67.5 | 152        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 7    | 50     | 28     | 1.129     | -0.036    | 2.411 | 0.013     | 0.01      | 0         | 53.3 | 58.5 | 67.1 | 152        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 8    | 5      | 28     | 1.132     | -0.02     | 2.415 | 0.013     | 0.01      | 0         | 53.3 | 58.9 | 67.5 | 152        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 8    | 20     | 28     | 1.129     | -0.03     | 2.415 | 0.01      | 0.007     | 0         | 52.9 | 59.3 | 67.1 | 152        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 8    | 35     | 28     | 1.07      | -0.03     | 2.415 | 0.01      | 0.007     | 0         | 53.8 | 58.9 | 66.7 | 153        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 8    | 50     | 28     | 1.099     | -0.043    | 2.415 | 0.013     | 0.01      | 0         | 53.3 | 59.3 | 67.5 | 152        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 9    | 5      | 28     | 1.109     | -0.013    | 2.415 | 0.01      | 0.007     | 0         | 53.8 | 58.9 | 67.1 | 153        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 9    | 20     | 28     | 1.056     | -0.026    | 2.415 | 0.01      | 0.007     | 0         | 53.8 | 58.9 | 67.1 | 153        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 9    | 35     | 28     | 1.086     | -0.03     | 2.415 | 0.01      | 0.007     | 0         | 54.6 | 59.3 | 66.7 | 154        | 167        | 0          | 27     | 29     |
| 2009 | 6     | 30  | 9    | 50     | 28     | 1.093     | -0.046    | 2.415 | 0.013     | 0.01      | 0         | 54.2 | 59.3 | 66.7 | 154        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 10   | 5      | 28     | 1.132     | -0.023    | 2.415 | 0.01      | 0.007     | 0         | 54.2 | 59.8 | 67.1 | 154        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 10   | 20     | 28     | 1.086     | -0.013    | 2.415 | 0.01      | 0.007     | 0         | 53.8 | 59.8 | 65.4 | 154        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 10   | 35     | 28     | 1.053     | -0.013    | 2.415 | 0.013     | 0.01      | 0         | 54.2 | 60.2 | 64.1 | 154        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 10   | 50     | 28     | 1.083     | -0.039    | 2.415 | 0.013     | 0.01      | 0         | 54.2 | 60.2 | 66.2 | 154        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 11   | 5      | 28     | 1.099     | -0.03     | 2.415 | 0.013     | 0.01      | 0         | 53.8 | 59.8 | 66.2 | 154        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 11   | 20     | 28     | 1.047     | -0.02     | 2.418 | 0.01      | 0.007     | 0         | 54.2 | 59.8 | 66.2 | 154        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 11   | 35     | 28     | 1.079     | -0.016    | 2.418 | 0.013     | 0.01      | 0         | 53.8 | 59.8 | 65.4 | 153        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 11   | 50     | 28     | 1.066     | -0.016    | 2.418 | 0.01      | 0.007     | 0         | 53.8 | 59.3 | 66.2 | 153        | 167        | 0          | 28     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 30  | 12   | 5      | 28     | 1.066     | -0.033    | 2.418 | 0.01      | 0.007     | 0         | 53.3 | 59.8 | 66.7 | 153        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 12   | 20     | 28     | 1.109     | -0.023    | 2.418 | 0.01      | 0.007     | 0         | 53.8 | 59.8 | 66.2 | 153        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 12   | 35     | 28     | 1.119     | -0.046    | 2.418 | 0.013     | 0.01      | 0         | 53.8 | 59.8 | 66.7 | 153        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 12   | 50     | 28     | 1.119     | -0.03     | 2.421 | 0.01      | 0.007     | 0         | 52.9 | 59.3 | 66.7 | 152        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 13   | 5      | 28     | 1.066     | -0.026    | 2.421 | 0.01      | 0.007     | 0         | 54.6 | 60.6 | 62.8 | 155        | 169        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 13   | 20     | 28     | 1.102     | -0.02     | 2.421 | 0.01      | 0.007     | 0         | 53.8 | 60.2 | 65.4 | 153        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 13   | 35     | 28     | 1.07      | -0.013    | 2.425 | 0.01      | 0.007     | 0         | 53.3 | 59.3 | 66.2 | 152        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 13   | 50     | 28     | 1.119     | -0.016    | 2.421 | 0.01      | 0.007     | 0         | 53.8 | 59.3 | 65.8 | 152        | 167        | 0          | 27     | 29     |
| 2009 | 6     | 30  | 14   | 5      | 28     | 1.102     | -0.013    | 2.425 | 0.01      | 0.007     | 0         | 53.3 | 59.3 | 66.2 | 152        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 14   | 20     | 28     | 1.07      | -0.016    | 2.425 | 0.01      | 0.007     | 0         | 52.5 | 59.3 | 65.8 | 151        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 14   | 35     | 28     | 1.099     | 0.003     | 2.425 | 0.01      | 0.007     | 0         | 52.9 | 59.8 | 66.2 | 151        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 14   | 50     | 28     | 1.096     | 0         | 2.428 | 0.01      | 0.007     | 0         | 52.9 | 59.3 | 66.7 | 151        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 15   | 5      | 28     | 1.132     | 0.01      | 2.428 | 0.01      | 0.007     | 0         | 52.9 | 59.3 | 66.7 | 151        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 15   | 20     | 28     | 1.073     | -0.02     | 2.428 | 0.013     | 0.01      | 0         | 55   | 59.3 | 65.8 | 156        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 15   | 35     | 28     | 1.083     | 0.013     | 2.428 | 0.013     | 0.01      | 0         | 54.2 | 59.3 | 66.2 | 155        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 15   | 50     | 28     | 1.079     | -0.016    | 2.428 | 0.01      | 0.007     | 0         | 55.9 | 59.3 | 65.4 | 158        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 16   | 5      | 28     | 1.033     | -0.026    | 2.431 | 0.01      | 0.007     | 0         | 55.5 | 59.3 | 64.9 | 157        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 16   | 20     | 28     | 1.063     | 0         | 2.431 | 0.01      | 0.007     | 0         | 55.5 | 59.8 | 64.5 | 158        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 16   | 35     | 28     | 1.096     | -0.046    | 2.431 | 0.01      | 0.007     | 0         | 55.5 | 59.3 | 64.1 | 157        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 16   | 50     | 28     | 1.152     | -0.016    | 2.434 | 0.01      | 0.007     | 0         | 55.9 | 59.8 | 64.1 | 158        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 17   | 5      | 28     | 1.066     | -0.02     | 2.434 | 0.01      | 0.007     | 0         | 55.5 | 59.8 | 63.6 | 157        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 17   | 20     | 28     | 1.063     | -0.02     | 2.438 | 0.01      | 0.007     | 0         | 55.9 | 60.2 | 63.2 | 158        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 30  | 17   | 35     | 28     | 1.063     | -0.003    | 2.448 | 0.01      | 0.007     | 0         | 55.5 | 58.9 | 62.8 | 157        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 17   | 50     | 28     | 1.043     | -0.046    | 2.448 | 0.01      | 0.007     | 0         | 55   | 58.9 | 63.6 | 156        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 18   | 5      | 28     | 1.099     | -0.03     | 2.451 | 0.01      | 0.007     | 0         | 55   | 59.3 | 64.1 | 156        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 18   | 20     | 28     | 1.109     | -0.003    | 2.454 | 0.01      | 0.007     | 0         | 55   | 59.3 | 64.9 | 156        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 18   | 35     | 28     | 1.076     | 0         | 2.454 | 0.01      | 0.007     | 0         | 55   | 58.9 | 64.9 | 156        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 18   | 50     | 28     | 1.073     | -0.03     | 2.457 | 0.01      | 0.007     | 0         | 55   | 58.9 | 66.7 | 156        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 19   | 5      | 28     | 1.04      | -0.03     | 2.461 | 0.01      | 0.007     | 0         | 54.6 | 58.5 | 66.7 | 155        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 19   | 20     | 28     | 1.079     | -0.03     | 2.457 | 0.01      | 0.007     | 0         | 54.6 | 58.9 | 60.2 | 156        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 19   | 35     | 28     | 1.02      | -0.023    | 2.461 | 0.013     | 0.01      | 0         | 55   | 59.3 | 64.5 | 156        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 19   | 50     | 28     | 1.043     | -0.049    | 2.461 | 0.01      | 0.007     | 0         | 54.6 | 58.9 | 64.1 | 155        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 20   | 5      | 28     | 1.06      | -0.046    | 2.464 | 0.01      | 0.007     | 0         | 54.2 | 58.9 | 64.9 | 154        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 20   | 20     | 28     | 1.047     | -0.007    | 2.467 | 0.01      | 0.007     | 0         | 54.2 | 58.9 | 65.4 | 154        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 20   | 35     | 28     | 1.093     | -0.033    | 2.464 | 0.013     | 0.01      | 0         | 54.2 | 58.9 | 65.8 | 154        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 20   | 50     | 28     | 1.076     | -0.016    | 2.467 | 0.013     | 0.01      | 0         | 53.8 | 58.9 | 65.8 | 153        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 21   | 5      | 28     | 1.093     | 0.013     | 2.47  | 0.01      | 0.007     | 0         | 53.8 | 58.5 | 64.5 | 153        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 21   | 20     | 28     | 1.066     | -0.043    | 2.47  | 0.01      | 0.007     | 0         | 53.8 | 58   | 64.9 | 153        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 21   | 35     | 28     | 1.099     | -0.013    | 2.474 | 0.013     | 0.01      | 0         | 53.8 | 58.5 | 64.1 | 153        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 21   | 50     | 28     | 1.047     | -0.02     | 2.48  | 0.01      | 0.007     | 0         | 52.9 | 58.5 | 62.8 | 152        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 22   | 5      | 28     | 1.089     | -0.013    | 2.48  | 0.01      | 0.007     | 0         | 53.8 | 58.9 | 60.6 | 153        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 22   | 20     | 28     | 1.056     | -0.026    | 2.487 | 0.01      | 0.007     | 0         | 54.2 | 58.9 | 61.9 | 154        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 22   | 35     | 28     | 1.05      | 0.003     | 2.49  | 0.01      | 0.007     | 0         | 53.8 | 58.5 | 62.4 | 153        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 22   | 50     | 28     | 1.027     | -0.039    | 2.493 | 0.01      | 0.007     | 0         | 53.3 | 58.5 | 63.2 | 153        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 23   | 5      | 28     | 1.06      | 0.01      | 2.497 | 0.01      | 0.007     | 0         | 53.3 | 58.9 | 65.4 | 153        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 23   | 20     | 28     | 1.073     | 0         | 2.497 | 0.01      | 0.007     | 0         | 54.2 | 58.5 | 63.2 | 153        | 165        | 0          | 27     | 29     |
| 2009 | 6     | 30  | 23   | 35     | 28     | 1.122     | -0.02     | 2.497 | 0.01      | 0.007     | 0         | 54.2 | 58.9 | 65.8 | 153        | 165        | 0          | 27     | 28     |
| 2009 | 6     | 30  | 23   | 50     | 28     | 1.066     | -0.026    | 2.5   | 0.01      | 0.007     | 0         | 54.2 | 58.9 | 64.9 | 154        | 165        | 0          | 28     | 28     |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 1   | 0    | 5      | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 0    | 20     | 56     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 0    | 35     | 56     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 0    | 50     | 56     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 1    | 5      | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 1    | 20     | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 1    | 35     | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 1    | 50     | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 2    | 5      | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 2    | 20     | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 2    | 35     | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 2    | 50     | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 3    | 5      | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 3    | 20     | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 3    | 35     | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 3    | 50     | 56     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 4    | 5      | 56     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 4    | 20     | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 4    | 35     | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 4    | 50     | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 5    | 5      | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 5    | 20     | 56     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 5    | 35     | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 5    | 50     | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 6    | 5      | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 6    | 20     | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 6    | 35     | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 6    | 50     | 56     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 7    | 5      | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 7    | 20     | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 7    | 35     | 56     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 7    | 50     | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 8    | 5      | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 8    | 20     | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 8    | 35     | 56     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 8    | 50     | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 9    | 5      | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12      |
| 2009 | 6     | 1   | 9    | 20     | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 9    | 35     | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 9    | 50     | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 10   | 5      | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 10   | 20     | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 10   | 35     | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 10   | 50     | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 11   | 5      | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 11   | 20     | 56     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 11   | 35     | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 11   | 50     | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 1   | 12   | 5      | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 12   | 20     | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 12   | 35     | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 12   | 50     | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 13   | 5      | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 13   | 20     | 56     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 13   | 35     | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 13   | 50     | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 14   | 5      | 56     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 14   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 14   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 14   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 15   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 15   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 15   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 15   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 16   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 16   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 16   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 16   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 17   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 17   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 17   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 17   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 18   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 18   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 18   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 18   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 19   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 19   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 19   | 35     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 19   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 20   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 20   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 20   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 20   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 21   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 21   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 21   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 21   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 22   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 22   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 22   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 22   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 23   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 23   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 23   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 23   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.6    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 2   | 0    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 0    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 0    | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 0    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 1    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 1    | 20     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 1    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 1    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 2    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 2    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 2    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 2    | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 3    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 3    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 3    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 3    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 4    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 4    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 4    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 4    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 5    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 5    | 20     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 5    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 5    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 6    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 6    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 6    | 35     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 6    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 7    | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 7    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 7    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 7    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 8    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 8    | 20     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 8    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 8    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 9    | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 9    | 20     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 9    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 9    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 10   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 10   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 10   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 10   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 11   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 11   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 11   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 11   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 2   | 12   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 12   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 12   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 12   | 50     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 13   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 13   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 13   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 13   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 14   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 14   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 14   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 14   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 15   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 15   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 15   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 15   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 16   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 16   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 16   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 16   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 17   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 17   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 17   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 17   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 18   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 18   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 18   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 18   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 19   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 19   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 19   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 19   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 20   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 20   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 20   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 20   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 21   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 21   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 21   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 21   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 22   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 22   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 22   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 22   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 23   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 23   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 23   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 23   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 3   | 0    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 0    | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 0    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 0    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 1    | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 1    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 1    | 35     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 1    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 2    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 2    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 2    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 2    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 3    | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 3    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 3    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 3    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 4    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 4    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 4    | 35     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 4    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 5    | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 5    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 5    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 5    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 6    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 6    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 6    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 6    | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 7    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 7    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 7    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 7    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 8    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 8    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 8    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 8    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 9    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 9    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 9    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 9    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 10   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.01       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 10   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.99       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 10   | 35     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 10   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.99       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 11   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 11   | 20     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.2        | 0        | 0              | 12      |
| 2009 | 6     | 3   | 11   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 11   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 3   | 12   | 5      | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 12   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.51       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 12   | 35     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 12   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 13   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 13   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 13   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 13   | 50     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 14   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 14   | 20     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 14   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 14   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 15   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 15   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 15   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 15   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 16   | 5      | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 16   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 16   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 16   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 17   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.19       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 17   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 17   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 17   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 18   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 18   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 18   | 35     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.11       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 18   | 50     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.11       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 19   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.11       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 19   | 20     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 19   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 19   | 50     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 20   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 20   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.99       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 20   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 20   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.92       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 21   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.88       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 21   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 21   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 21   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.81       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 22   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.77       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 22   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.74       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 22   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.7        | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 22   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 23   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.65       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 23   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.61       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 23   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.59       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 23   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.56       | 0        | 0              | 11.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 4   | 0    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.5        | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 0    | 20     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.45       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 0    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.39       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 0    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.34       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 1    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.25       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 1    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.16       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 1    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.07       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 1    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.98       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 2    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 2    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.78       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 2    | 35     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.67       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 2    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.55       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 3    | 5      | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.42       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 3    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.3        | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 3    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.17       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 3    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.03       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 4    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.9        | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 4    | 20     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.77       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 4    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.65       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 4    | 50     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.52       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 5    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.4        | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 5    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.27       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 5    | 35     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.16       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 5    | 50     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.05       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 6    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 58.95       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 6    | 20     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 58.86       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 6    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 58.75       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 6    | 50     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 58.66       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 7    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 58.64       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 7    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 58.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 7    | 35     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 58.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 7    | 50     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 58.64       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 8    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 58.68       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 8    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 58.73       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 8    | 35     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 58.84       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 8    | 50     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 58.91       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 9    | 5      | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.02       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 9    | 20     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 9    | 35     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.32       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 9    | 50     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.5        | 0        | 0              | 12      |
| 2009 | 6     | 4   | 10   | 5      | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 10   | 20     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 10   | 35     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 10   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 11   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 11   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 11   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 11   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.14       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 4   | 12   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 12   | 20     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 12   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 12   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 13   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 13   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 13   | 35     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 13   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 14   | 5      | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 14   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 14   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 14   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 15   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 15   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 15   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 15   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 16   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 16   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 16   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12      |
| 2009 | 6     | 4   | 16   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12      |
| 2009 | 6     | 4   | 17   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 17   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 17   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 17   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 18   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12      |
| 2009 | 6     | 4   | 18   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 18   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 18   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 19   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 19   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 19   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 19   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 20   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 20   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 20   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 20   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 21   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 21   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 21   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 21   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 22   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 22   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 22   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 22   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 23   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 23   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 23   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 23   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 5   | 0    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 0    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 0    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 0    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 1    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 1    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 1    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 1    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 2    | 5      | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 2    | 20     | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 2    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 2    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 3    | 5      | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 3    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 3    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.41       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 3    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 4    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 4    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 4    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 4    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.66       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 5    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.51       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 5    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.33       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 5    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.17       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 5    | 50     | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.03       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 6    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.88       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 6    | 20     | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.76       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 6    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 6    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 7    | 5      | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 7    | 20     | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 7    | 35     | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 7    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 8    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 8    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 8    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 8    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 9    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 9    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59          | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 9    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.04       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 9    | 50     | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.14       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 10   | 5      | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 10   | 20     | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 10   | 35     | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.72       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 10   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.94       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 11   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.19       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 11   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 11   | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 11   | 50     | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.66       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 5   | 12   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.94       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 12   | 20     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.23       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 12   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 12   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.61       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 13   | 5      | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.9        | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 13   | 20     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 13   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 13   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 14   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 14   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 14   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 14   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 15   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 15   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 15   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 15   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 16   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 16   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 16   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 16   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 17   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 17   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 17   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 17   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 18   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 18   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 18   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 18   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 19   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 19   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 19   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 19   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 20   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 20   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 20   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 20   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 21   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 21   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 21   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 21   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 22   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 22   | 20     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 22   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 22   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 23   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 23   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 23   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 23   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.6    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 6   | 0    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 0    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 0    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 0    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 1    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 1    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 1    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 1    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 2    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 2    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 2    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 2    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 3    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 3    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 3    | 35     | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 3    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 4    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 4    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.49       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 4    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 4    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 5    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 5    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 5    | 35     | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 5    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.59       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 6    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.41       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 6    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.23       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 6    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.07       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 6    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.91       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 7    | 5      | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.75       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 7    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.6        | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 7    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 7    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 8    | 5      | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 8    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 8    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 8    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 9    | 5      | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 9    | 20     | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 9    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 9    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.03       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 10   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.99       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 10   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.99       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 10   | 35     | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.01       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 10   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.12       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 11   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 11   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 11   | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.94       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 11   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.2        | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 6   | 12   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 12   | 20     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.57       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 12   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 12   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 13   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.29       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 13   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 13   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 13   | 50     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 14   | 5      | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 14   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 14   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 14   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 15   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 15   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 15   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 15   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 16   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 16   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 16   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 16   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 17   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 17   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 17   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 17   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 18   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 18   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 18   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 18   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 19   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 19   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 19   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 19   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 20   | 5      | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 20   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 20   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 20   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 21   | 5      | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 21   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 21   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 21   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 22   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 22   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 22   | 35     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 22   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 23   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 23   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 23   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 23   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 7   | 0    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 0    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 0    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 0    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 1    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 1    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 1    | 35     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 1    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 2    | 5      | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 2    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 2    | 35     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 2    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 3    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 3    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 3    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 3    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 4    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 4    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 4    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 4    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.97       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 5    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.84       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 5    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.7        | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 5    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.57       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 5    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.45       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 6    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.32       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 6    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.21       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 6    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.11       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 6    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.02       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 7    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.94       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 7    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 7    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 7    | 50     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 8    | 5      | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 8    | 20     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 8    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 8    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.93       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 9    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 9    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 9    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 9    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 10   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 10   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 10   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 10   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 11   | 5      | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 11   | 20     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 11   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 11   | 50     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 7   | 12   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 12   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 12   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 12   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 13   | 5      | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 13   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 13   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 13   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 14   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 14   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 14   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 14   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 15   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 15   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 15   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 15   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 16   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 16   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 16   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 16   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 17   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 17   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 17   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 17   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 18   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 18   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 18   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 18   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 19   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 19   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 19   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 19   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 20   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 20   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 20   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 20   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 21   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 21   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 21   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 21   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 22   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 22   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 22   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 22   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 23   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 23   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 23   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 23   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 8   | 0    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 0    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 0    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 0    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 1    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 1    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 1    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 1    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 2    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 2    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 2    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 2    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 3    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 3    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 3    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 3    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 4    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 4    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 4    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 4    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 5    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 5    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 5    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 5    | 50     | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 6    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 6    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 6    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 6    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 7    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 7    | 20     | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 7    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 7    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.11       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 8    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 8    | 20     | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 8    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.97       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 8    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 9    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 9    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 9    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 9    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 10   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 10   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 10   | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 10   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 11   | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 11   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 11   | 35     | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 11   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 8   | 12   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 12   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 12   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 12   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 13   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 13   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 13   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 13   | 50     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 14   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 14   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 14   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 14   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 15   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 15   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 15   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 15   | 50     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 16   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 16   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 16   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 16   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 17   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 17   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 17   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 17   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 18   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 18   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 18   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 18   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 19   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 19   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 19   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 19   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 20   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 20   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 20   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 20   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 21   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 21   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 21   | 35     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 21   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 22   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 22   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 22   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 22   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 23   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 23   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 23   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 23   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 9   | 0    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 0    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 0    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 0    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 1    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 1    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 1    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 1    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 2    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 2    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 2    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 2    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 3    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 3    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 3    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 3    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 4    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 4    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 4    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 4    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 5    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 5    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 5    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 5    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 6    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 6    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 6    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 6    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 7    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 7    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 7    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 7    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 8    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 8    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 8    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 8    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 9    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 9    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 9    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 9    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 10   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 10   | 20     | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 10   | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 10   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 11   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 11   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 11   | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 11   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 9   | 12   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 13      |
| 2009 | 6     | 9   | 12   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 12   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 12   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 13   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 13   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 13   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 13   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 14   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 14   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 14   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 14   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 15   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 15   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 15   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 15   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 16   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 16   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 16   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 16   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 17   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 17   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 17   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 17   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 18   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 18   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 18   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 18   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 19   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 19   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 19   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12      |
| 2009 | 6     | 9   | 19   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 20   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 20   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 20   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 20   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 21   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 21   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 21   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 21   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 22   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 22   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 22   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 22   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 23   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 23   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 23   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 23   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 10  | 0    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 0    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 0    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 0    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 1    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 1    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 1    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 1    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 2    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 2    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 2    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 2    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 3    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 3    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 3    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 3    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 4    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 4    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 4    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 4    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 5    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 5    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 5    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 5    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 6    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 6    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 6    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 6    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 7    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 7    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 7    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12      |
| 2009 | 6     | 10  | 7    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12      |
| 2009 | 6     | 10  | 8    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 8    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 8    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 8    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 9    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 9    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 9    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 9    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 10   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 10   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 10   | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 10   | 50     | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 11   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 11   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 11   | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 11   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 10  | 12   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 12   | 20     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 12   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 12   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 13   | 5      | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 13   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 13   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 13   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 14   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12      |
| 2009 | 6     | 10  | 14   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 14   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 14   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 15   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 15   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 15   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 15   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 16   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 16   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 16   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12      |
| 2009 | 6     | 10  | 16   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 17   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 17   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12      |
| 2009 | 6     | 10  | 17   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12      |
| 2009 | 6     | 10  | 17   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 18   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12      |
| 2009 | 6     | 10  | 18   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 18   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 18   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 19   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 19   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 19   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 19   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 20   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 20   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 20   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 20   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 21   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 21   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 21   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 21   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 22   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 22   | 20     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 22   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 22   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 23   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 23   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 23   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 23   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 11  | 0    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 0    | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 0    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 0    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 1    | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 1    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 1    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 1    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 2    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 2    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 2    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 2    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 3    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 3    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 3    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 3    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 4    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 4    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 4    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 4    | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 5    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 5    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 5    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 5    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 6    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 6    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 6    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 6    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 7    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 7    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 7    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 7    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 8    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 8    | 20     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 8    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 8    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 9    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 9    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 9    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 9    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 10   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 10   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 10   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 10   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 11   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 11   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 11   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 11   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 11  | 12   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 12   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 12   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 12   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 13   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 13   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 13   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 13   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 14   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 14   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 14   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 14   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 15   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 15   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 15   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 15   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 16   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 16   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 16   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 16   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 17   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 17   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 17   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 17   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 18   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 18   | 20     | 28     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 18   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 18   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 19   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 19   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 19   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 19   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 20   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 20   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 20   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 20   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 21   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12      |
| 2009 | 6     | 11  | 21   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 21   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 21   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 22   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 22   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 22   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 22   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 23   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 23   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 23   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 23   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 12  | 0    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 0    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 0    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 0    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 1    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 1    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 1    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 1    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 2    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 2    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 2    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 2    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 3    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 3    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 3    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 3    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 4    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 4    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 4    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 4    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 5    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 5    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 5    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 5    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 6    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 6    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 6    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 6    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 7    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 7    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 7    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 7    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 8    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 8    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 8    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 8    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 9    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 9    | 20     | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 9    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 9    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 10   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 10   | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 10   | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 10   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 11   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 11   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 11   | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 11   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 12  | 12   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 12   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 12   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 12   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 13   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 13   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 13   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 13   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 14   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 14   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 14   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 14   | 50     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 15   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 15   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 15   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 15   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 16   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 16   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 16   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 16   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 17   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 17   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 17   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 17   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 18   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 18   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 18   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 18   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 19   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 19   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 19   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 19   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 20   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 20   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 20   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 20   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 12  | 21   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 12  | 21   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 21   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 12  | 21   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 22   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 22   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 22   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 22   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 23   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 23   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 23   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 23   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 13  | 0    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 0    | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 0    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 0    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 1    | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 1    | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 1    | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 1    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 2    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 2    | 20     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 2    | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 2    | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 3    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 3    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 3    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 3    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 4    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 4    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 4    | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 4    | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 5    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 5    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 5    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 5    | 50     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 6    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 6    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 6    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 6    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 7    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 7    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 7    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 7    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 8    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 8    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 8    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 8    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 9    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 9    | 20     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 9    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 9    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 10   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 10   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 10   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 10   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 11   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 11   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 11   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 11   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 13  | 12   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 13      |
| 2009 | 6     | 13  | 12   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 12   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 12   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 13   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 13      |
| 2009 | 6     | 13  | 13   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 13   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 13   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 14   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 14   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 13      |
| 2009 | 6     | 13  | 14   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 14   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 13      |
| 2009 | 6     | 13  | 15   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 13      |
| 2009 | 6     | 13  | 15   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 15   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 15   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 16   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 16   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 16   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 16   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 17   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 17   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 17   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 17   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 18   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 18   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 18   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 18   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 19   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 19   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 19   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 19   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 20   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 20   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 20   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 20   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 21   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 21   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 21   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 21   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 22   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 12      |
| 2009 | 6     | 13  | 22   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 22   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 22   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 23   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 23   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 23   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 23   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 14  | 0    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 0    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 0    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 0    | 50     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 1    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 1    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 1    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 1    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 2    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 2    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 2    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 2    | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 3    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 3    | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 3    | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 3    | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 4    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 4    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 4    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 4    | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 5    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 5    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 5    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 5    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 6    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 6    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 6    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 6    | 50     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 7    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 7    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 7    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 7    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 8    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 8    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 8    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 8    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 9    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 9    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 9    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 9    | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 10   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 10   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 10   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 10   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 11   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 11   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 11   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 11   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 14  | 12   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 12   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 12   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 12   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 13   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 13   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 13   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 13   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 14   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 14   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 14   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 14   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 15   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 15   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 15   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 15   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 16   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 16   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 16   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 16   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 17   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 17   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 17   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 17   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 18   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 18   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 18   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 18   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 19   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 19   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 19   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 19   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 20   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 20   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 20   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 20   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 21   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 21   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 21   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 21   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 22   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 22   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 22   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 22   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 23   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12      |
| 2009 | 6     | 14  | 23   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 23   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12      |
| 2009 | 6     | 14  | 23   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 15  | 0    | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 0    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 0    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 0    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 1    | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 1    | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 1    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 1    | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 2    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 2    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 2    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 2    | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 3    | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 3    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 3    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 3    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 4    | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 4    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 4    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 4    | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 5    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 5    | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 5    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 5    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 6    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 6    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 6    | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 6    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 7    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 7    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 7    | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 7    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 8    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 8    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 8    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 8    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 9    | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 9    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 9    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 9    | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 10   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 10   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 10   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 10   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 13      |
| 2009 | 6     | 15  | 11   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 13.2    |
| 2009 | 6     | 15  | 11   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 13      |
| 2009 | 6     | 15  | 11   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 13.2    |
| 2009 | 6     | 15  | 11   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 15  | 12   | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 12   | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 12   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 12   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 13   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 13   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 13   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 13   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 14   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 14   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 14   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 14   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 15   | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 15   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 15   | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 15   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 16   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 16   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 16   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 16   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 17   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 17   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 17   | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 17   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 18   | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 18   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 18   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 18   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 19   | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 19   | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 19   | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 19   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 20   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 20   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 20   | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 20   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 21   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 21   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 21   | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 21   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 22   | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 22   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 22   | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 22   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 23   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 23   | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 23   | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 23   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 16  | 0    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 0    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 0    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 0    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 1    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 1    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 1    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 1    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 2    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 2    | 20     | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 2    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 2    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 3    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 3    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 3    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 3    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 4    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 4    | 20     | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 4    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 4    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 5    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 5    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 5    | 35     | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 5    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 6    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 6    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 6    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 6    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 7    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 7    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 7    | 35     | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 7    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 8    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 8    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 8    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 8    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 9    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 9    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 9    | 35     | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 9    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 10   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 10   | 20     | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 10   | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 10   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 11   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 11   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 11   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 11   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 16  | 12   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 12   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 12   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 12   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 13   | 5      | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 13   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 13   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 13   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 14   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 14   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 14   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 14   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 15   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 15   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 15   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 15   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 16   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 16   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 16   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 16   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 17   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 17   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 17   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 17   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 18   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 18   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 18   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 18   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 19   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 19   | 20     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 19   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12      |
| 2009 | 6     | 16  | 19   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 20   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 20   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 20   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 20   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 21   | 5      | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 21   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 21   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 21   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 22   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 22   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 22   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 22   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 23   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 23   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 23   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 23   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 17  | 0    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 0    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 0    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 0    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 1    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 1    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 1    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 1    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 2    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 2    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 2    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 2    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 3    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 3    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 3    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 3    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 4    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 4    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 4    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 4    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 5    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 5    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 5    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 5    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 6    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 6    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 6    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 6    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 7    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 7    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 7    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 7    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 8    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 8    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 8    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 8    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 9    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 9    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 9    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 9    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 10   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 10   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 10   | 35     | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 10   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 11   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 11   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 11   | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 11   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 17  | 12   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 12   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 13      |
| 2009 | 6     | 17  | 12   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 13.2    |
| 2009 | 6     | 17  | 12   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 13   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 13      |
| 2009 | 6     | 17  | 13   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 13.2    |
| 2009 | 6     | 17  | 13   | 35     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 13      |
| 2009 | 6     | 17  | 13   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 14   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 14   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 14   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 14   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 15   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 15   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 15   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 15   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 16   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 16   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 16   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 16   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 17   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 17   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 17   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 17   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 18   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 18   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 18   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 18   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 19   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 19   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 19   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 19   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 20   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 20   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 20   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 20   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 21   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 21   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 21   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 21   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 22   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 22   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 22   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 22   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 23   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 23   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 23   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 23   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 18  | 0    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 0    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 0    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 0    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 1    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 1    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 1    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 1    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 2    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 2    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 2    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 2    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12      |
| 2009 | 6     | 18  | 3    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 3    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 3    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 3    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 4    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 4    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 4    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 4    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 5    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 5    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 5    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 5    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 6    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 6    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 6    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 6    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 7    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 7    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12      |
| 2009 | 6     | 18  | 7    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 7    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 8    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 8    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 8    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 8    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 9    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 9    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 9    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 9    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 10   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 10   | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 10   | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 10   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 11   | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 11   | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 11   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 11   | 50     | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 13.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 18  | 12   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 12   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 12   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 13      |
| 2009 | 6     | 18  | 12   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 13   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 13   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 13   | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 13   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 14   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 14   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 14   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 14   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 15   | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 15   | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 15   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 15   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 16   | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 16   | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 16   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 16   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 17   | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 17   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 17   | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 17   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 18   | 5      | 28     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 18   | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 18   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 18   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 19   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 19   | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 19   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 19   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 20   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 20   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 20   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 20   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 21   | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.44       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 21   | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 21   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 21   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.38       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 22   | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 22   | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 22   | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 22   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 23   | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 23   | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 23   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.28       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 23   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 19  | 0    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 0    | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 0    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 0    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 1    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 1    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 1    | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 1    | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 2    | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 2    | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 2    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 2    | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 3    | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 3    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 3    | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 3    | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 4    | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 4    | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 4    | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 4    | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 5    | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 5    | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 5    | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 5    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 6    | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 6    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 6    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 6    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 7    | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 7    | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 7    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 7    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 8    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 8    | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 8    | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 8    | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 9    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 9    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 9    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 9    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 10   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 10   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 10   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 10   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 11   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 11   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 11   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 11   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 19  | 12   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 12   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 12   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 12   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 13   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 13   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 13   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 13   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 14   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 14   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 14   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 14   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 15   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 15   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 15   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 15   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 16   | 5      | 28     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 16   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 16   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.38       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 16   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 17   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 17   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 17   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 17   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 18   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 18   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 18   | 35     | 28     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 18   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 19   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 19   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 19   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 19   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 20   | 5      | 28     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 20   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 20   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 20   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 21   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 21   | 20     | 28     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 21   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 21   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 22   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 22   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 22   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 22   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.38       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 23   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 23   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 12      |
| 2009 | 6     | 19  | 23   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.38       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 23   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 20  | 0    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 0    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 0    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 0    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 1    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 1    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 1    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 1    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 12      |
| 2009 | 6     | 20  | 2    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 2    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 2    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 12      |
| 2009 | 6     | 20  | 2    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 3    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 3    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 3    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 3    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12      |
| 2009 | 6     | 20  | 4    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 4    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 4    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 4    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 5    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 5    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 5    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 5    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 6    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 6    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 6    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 6    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 7    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 7    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 7    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 7    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 8    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 8    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 8    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 8    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 9    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 9    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 9    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 9    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 10   | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 10   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 10   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 10   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 11   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 11   | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 11   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 11   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 13.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 20  | 12   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 12   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 12   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 12   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 13   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.67       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 13   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.87       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 13   | 35     | 28     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 13   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.19       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 14   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.36       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 14   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.48       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 14   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.54       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 14   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.63       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 15   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.68       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 15   | 20     | 28     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.72       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 15   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.77       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 15   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.84       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 16   | 5      | 28     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.9        | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 16   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.97       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 16   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.04       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 16   | 50     | 28     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 17   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 17   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.04       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 17   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 17   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 18   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 18   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 18   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 18   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 19   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 19   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 19   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 19   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 20   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 20   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 20   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 20   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 21   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 21   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 21   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 21   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 22   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 22   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 22   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 22   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 23   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.71       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 23   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.62       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 23   | 35     | 28     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 23   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 21  | 0    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 0    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 0    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 0    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 1    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 1    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 12      |
| 2009 | 6     | 21  | 1    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 1    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 2    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 2    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 2    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12      |
| 2009 | 6     | 21  | 2    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 3    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 3    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 3    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 3    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 4    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 4    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 4    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 4    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 5    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 5    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 5    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 5    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12      |
| 2009 | 6     | 21  | 6    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 12      |
| 2009 | 6     | 21  | 6    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 6    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 6    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12      |
| 2009 | 6     | 21  | 7    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 7    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 7    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 7    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 8    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 8    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 8    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 8    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 9    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 9    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 9    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 9    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 10   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 10   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 10   | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 10   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 11   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 11   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 11   | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 11   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 21  | 12   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 12   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 12   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 12   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 13   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 13   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 13   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 13   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 14   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 14   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 14   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 14   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 15   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 15   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 15   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 15   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 16   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 16   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 16   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 16   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 17   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 17   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 17   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 17   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 18   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 18   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 18   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 18   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 19   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 19   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 19   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 19   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 20   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 20   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 20   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 20   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 21   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 21   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 21   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 21   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 22   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 22   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 22   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 22   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 23   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 23   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 23   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 23   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 22  | 0    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 0    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 0    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 0    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 1    | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 1    | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 1    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 1    | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 2    | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 2    | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 2    | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 2    | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 3    | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 3    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 3    | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 3    | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 4    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 4    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 4    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 4    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 5    | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 5    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 5    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 5    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 6    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 6    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 6    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 6    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 7    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 7    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 7    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 7    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 8    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 8    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 8    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 8    | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 9    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 9    | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 9    | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 9    | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 10   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 10   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 10   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 10   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 11   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 11   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 11   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 11   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 13.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 22  | 12   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 12   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 12   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 12   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 13   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 13   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 13   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 13   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 14   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 14   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 14   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 14   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 15   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 15   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 15   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 15   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 16   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 16   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 16   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 16   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 17   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 17   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 17   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 17   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 18   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 18   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 18   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 18   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 19   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 19   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 19   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 19   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 20   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 20   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 20   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 20   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 21   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 21   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 21   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 21   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 22   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 22   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 22   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 22   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 23   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 23   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 23   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 23   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 23  | 0    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 0    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 0    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 0    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 1    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 1    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 1    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 1    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 2    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 2    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 2    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 2    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 3    | 5      | 28     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 3    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 3    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 3    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 4    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 4    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 4    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 4    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12      |
| 2009 | 6     | 23  | 5    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 5    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 5    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 5    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 6    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 6    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 6    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 6    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 7    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 7    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 7    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 7    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 8    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 8    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 8    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 8    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 9    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 9    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 9    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 9    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 10   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 10   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 10   | 35     | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 10   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 11   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 13      |
| 2009 | 6     | 23  | 11   | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 13      |
| 2009 | 6     | 23  | 11   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 13      |
| 2009 | 6     | 23  | 11   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 23  | 12   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 12   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 12   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 13      |
| 2009 | 6     | 23  | 12   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 13      |
| 2009 | 6     | 23  | 13   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 13      |
| 2009 | 6     | 23  | 13   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 13   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 13      |
| 2009 | 6     | 23  | 13   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 14   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 13      |
| 2009 | 6     | 23  | 14   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 13      |
| 2009 | 6     | 23  | 14   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 13      |
| 2009 | 6     | 23  | 14   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 13      |
| 2009 | 6     | 23  | 15   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 15   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 15   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 15   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 16   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 16   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 16   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 16   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 17   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 17   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 17   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 17   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 21   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 21   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 21   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 21   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 22   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 22   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 22   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 12      |
| 2009 | 6     | 23  | 22   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 23   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 23   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 23   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 23   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 24  | 0    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 0    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 0    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 0    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 4    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 4    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 4    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 4    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 5    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 5    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 5    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 5    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 6    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 6    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 6    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 6    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 7    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 7    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 7    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 7    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 8    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 8    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 8    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 8    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 9    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 9    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 9    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 9    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 10   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 10   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 10   | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 10   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 11   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 11   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 11   | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 13      |
| 2009 | 6     | 24  | 11   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 13.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 24  | 12   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 12   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 12   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 13      |
| 2009 | 6     | 24  | 12   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 13   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 13   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 13   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 13   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 14   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 14   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 14   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 14   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 15   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 15   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 15   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 15   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 16   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 16   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 16   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 16   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 17   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 17   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 17   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 17   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 18   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 18   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 18   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 18   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 19   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 21   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 21   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 21   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 21   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 22   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 22   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 22   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 22   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 23   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 23   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 23   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 23   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 25  | 0    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 0    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 0    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 0    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 5    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 5    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 5    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 5    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 6    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 6    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 6    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 6    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 7    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 7    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 7    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 7    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 8    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 8    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 8    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 8    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 9    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 9    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 9    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 9    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 10   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 10   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 10   | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 10   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 11   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 11   | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 11   | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 13      |
| 2009 | 6     | 25  | 11   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 25  | 12   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 12   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 12   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 12   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 13   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 13   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 13   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 13   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 14   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 14   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 14   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 13      |
| 2009 | 6     | 25  | 14   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 13      |
| 2009 | 6     | 25  | 15   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 15   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 15   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 15   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 16   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 16   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 16   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 16   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 17   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 17   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 17   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 17   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 18   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 18   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 18   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 18   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 21   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 21   | 20     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 21   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 21   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 22   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 22   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 22   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 22   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 23   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 23   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 23   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 23   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 26  | 0    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 0    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 0    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 0    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 5    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 5    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 5    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 5    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 6    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12      |
| 2009 | 6     | 26  | 6    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 6    | 35     | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 6    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 7    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 7    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 7    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 7    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 8    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 8    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 8    | 35     | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 8    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 9    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 9    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 9    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 9    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 10   | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 10   | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 10   | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 10   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 11   | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 11   | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 11   | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 11   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 26  | 12   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 12   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 12   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 12   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 13   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 13   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 13   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 13   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 14   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 14   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 14   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 14   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 15   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 15   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.44       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 15   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 15   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.67       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 16   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 16   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.87       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 16   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.96       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 16   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.01       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 17   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.07       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 17   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.1        | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 17   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 17   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.16       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 18   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.16       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 18   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 18   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 18   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 21   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 21   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 21   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 21   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 22   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 22   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 22   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 22   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.74       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 23   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.73       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 23   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.71       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 23   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.67       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 23   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.64       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 27  | 0    | 5      | 28     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.6        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 0    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 0    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 0    | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.44       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 4    | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 4    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 4    | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 4    | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 5    | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 5    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 5    | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 5    | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 6    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 6    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 6    | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 6    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 7    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 7    | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 7    | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 7    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 8    | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 8    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 8    | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 8    | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 9    | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 9    | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 9    | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 9    | 50     | 28     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 10   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 10   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 10   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 10   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 11   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 11   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 11   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 11   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 27  | 12   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 12   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 12   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 12   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 13   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 13   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 13   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 13   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 14   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 14   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 14   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 14   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.53       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 15   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.67       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 15   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.82       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 15   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.92       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 15   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 16   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.16       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 16   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.25       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 16   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 16   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.41       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 17   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.46       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 17   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.52       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 17   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.55       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 17   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.57       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 18   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 18   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.61       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 18   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.61       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 18   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 19   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 19   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.57       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 19   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 21   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 21   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 21   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 21   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 22   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 22   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 22   | 35     | 28     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 22   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 23   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 23   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 23   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.16       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 23   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 28  | 0    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.07       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 0    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 0    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 0    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.92       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.87       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 20     | 28     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.82       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.74       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.67       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.6        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 4    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 4    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 4    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 4    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 5    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 5    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 5    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 5    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 6    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 6    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 6    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 6    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 7    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 7    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 7    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 7    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 8    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 8    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 8    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 8    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 9    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 9    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 9    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 9    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 10   | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 10   | 20     | 28     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 10   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 10   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 11   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 11   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 11   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 11   | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 28  | 12   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 12   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 12   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 12   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 13   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 13   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 13   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 13   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.73       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 14   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.92       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 14   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 14   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.3        | 0        | 0              | 13      |
| 2009 | 6     | 28  | 14   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.46       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 15   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.64       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 15   | 20     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.79       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 15   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.95       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 15   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 16   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.18       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 16   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.29       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 16   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.38       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 16   | 50     | 28     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.47       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 17   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.53       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 17   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.58       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 17   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.63       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 17   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 18   | 5      | 28     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.69       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 18   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.71       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 18   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.69       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 18   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.67       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 19   | 5      | 28     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 20   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 20   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 20   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 20   | 50     | 28     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 21   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 21   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 21   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 21   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 22   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 22   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 22   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 22   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 23   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 23   | 20     | 28     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 23   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 23   | 50     | 28     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.49       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 29  | 0    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 0    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 0    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.4        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 0    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.36       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.31       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.24       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.17       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.11       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.04       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.95       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.9        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.81       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.7        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.61       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 50     | 28     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.5        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 4    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.37       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 4    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.25       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 4    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 4    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 5    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.83       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 5    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.69       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 5    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 5    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 6    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 6    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 6    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 6    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 7    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 7    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 7    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 7    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 8    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 8    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 8    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 8    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 9    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 9    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 9    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 9    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 10   | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 10   | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 10   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 10   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 11   | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 11   | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 11   | 35     | 28     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 11   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 29  | 12   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.62       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 12   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 12   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.82       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 12   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.82       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 13   | 5      | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 13   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 13      |
| 2009 | 6     | 29  | 13   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.91       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 13   | 50     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.89       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 14   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.89       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 14   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.91       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 14   | 35     | 28     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.92       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 14   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 15   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.21       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 15   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.23       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 15   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.37       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 15   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.46       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 16   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.61       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 16   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.7        | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 16   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 16   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 17   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.84       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 17   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.86       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 17   | 35     | 28     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.91       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 17   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.95       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 18   | 5      | 28     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73          | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 5      | 28     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 20   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 20   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 20   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 20   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 21   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 21   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 21   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 21   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 22   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.44       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 22   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.45       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 22   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.45       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 22   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.45       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 5      | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.47       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 20     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.47       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 35     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.47       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 50     | 28     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.49       | 0        | 0              | 12      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 30  | 0    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.49       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 0    | 20     | 28     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.47       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 0    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.45       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 0    | 50     | 28     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.44       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.4        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.35       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.31       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.26       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.18       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.13       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.04       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.95       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 3    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.88       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 3    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.79       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 3    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.7        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 3    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.61       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 4    | 5      | 28     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.52       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 4    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.43       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 4    | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 4    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.27       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 5    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.16       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 5    | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 5    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.96       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 5    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.85       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 6    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.74       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 6    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 6    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 6    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 7    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.38       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 7    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 7    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 7    | 50     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 8    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 8    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 8    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 8    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 9    | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 9    | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 9    | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 9    | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 10   | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 10   | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 10   | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.64       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 10   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.71       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 11   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.82       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 11   | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.09       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 11   | 35     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.01       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 11   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.01       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 30  | 12   | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.32       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 12   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.46       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 12   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.72       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 12   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73          | 0        | 0              | 13      |
| 2009 | 6     | 30  | 13   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.13       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 13   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.26       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 13   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 13   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.45       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 14   | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.69       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 14   | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.89       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 14   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.96       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 14   | 50     | 28     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.1        | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 15   | 5      | 28     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.25       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 15   | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.25       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 15   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.32       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 15   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.41       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 16   | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.35       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 16   | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.41       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 16   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.46       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 16   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.44       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 17   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.52       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 17   | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.57       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 17   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 17   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 19   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 19   | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 19   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 19   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 20   | 5      | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 20   | 20     | 28     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 20   | 35     | 28     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 20   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 21   | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 21   | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 21   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 21   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 22   | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.21       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 22   | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.19       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 22   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.16       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 22   | 50     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.14       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 5      | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.12       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 20     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.08       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 35     | 28     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.05       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 50     | 28     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.03       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 1   | 0    | 5      | 56     | 0.3       | 2.3     | 1.03  | 87.8      | 101.1955 | 68.4297 |
| 2009 | 6     | 1   | 0    | 20     | 56     | 0.3       | 2.3     | 1.03  | 88.4      | 100.776  | 68.1838 |
| 2009 | 6     | 1   | 0    | 35     | 56     | 0.3       | 2.3     | 1.03  | 87.6      | 100.6363 | 68.5884 |
| 2009 | 6     | 1   | 0    | 50     | 56     | 0.3       | 2.3     | 1     | 88.3      | 100.4967 | 65.8327 |
| 2009 | 6     | 1   | 1    | 5      | 56     | 0.3       | 2.3     | 0.99  | 88.5      | 100.3572 | 65.0253 |
| 2009 | 6     | 1   | 1    | 20     | 56     | 0.3       | 2.3     | 1.04  | 87.3      | 100.2177 | 69.0681 |
| 2009 | 6     | 1   | 1    | 35     | 56     | 0.3       | 2.3     | 1.07  | 89.1      | 100.0783 | 70.6796 |
| 2009 | 6     | 1   | 1    | 50     | 56     | 0.3       | 2.3     | 1.01  | 87.9      | 99.9389  | 66.2412 |
| 2009 | 6     | 1   | 2    | 5      | 56     | 0.3       | 2.3     | 1.05  | 88.2      | 99.7997  | 69.301  |
| 2009 | 6     | 1   | 2    | 20     | 56     | 0.3       | 2.3     | 1.03  | 88.5      | 99.6605  | 68.0109 |
| 2009 | 6     | 1   | 2    | 35     | 56     | 0.3       | 2.3     | 1.08  | 88.6      | 99.3823  | 70.9743 |
| 2009 | 6     | 1   | 2    | 50     | 56     | 0.3       | 2.3     | 1.04  | 90        | 99.2433  | 68.4846 |
| 2009 | 6     | 1   | 3    | 5      | 56     | 0.3       | 2.3     | 1.05  | 89.1      | 98.9656  | 69.0372 |
| 2009 | 6     | 1   | 3    | 20     | 56     | 0.3       | 2.3     | 1.11  | 88.8      | 98.6881  | 73.1737 |
| 2009 | 6     | 1   | 3    | 35     | 56     | 0.3       | 2.3     | 1.06  | 90        | 98.5495  | 69.2625 |
| 2009 | 6     | 1   | 3    | 50     | 56     | 0.3       | 2.3     | 1.05  | 89.3      | 98.4109  | 68.4621 |
| 2009 | 6     | 1   | 4    | 5      | 56     | 0.3       | 2.3     | 1.07  | 87.4      | 98.2724  | 69.8079 |
| 2009 | 6     | 1   | 4    | 20     | 56     | 0.3       | 2.3     | 1.07  | 89.3      | 98.2724  | 70.0461 |
| 2009 | 6     | 1   | 4    | 35     | 56     | 0.3       | 2.3     | 1.05  | 86.6      | 98.134   | 68.2944 |
| 2009 | 6     | 1   | 4    | 50     | 56     | 0.3       | 2.3     | 1.07  | 88.9      | 97.9956  | 69.6367 |
| 2009 | 6     | 1   | 5    | 5      | 56     | 0.3       | 2.3     | 1.06  | 88.4      | 97.8574  | 68.839  |
| 2009 | 6     | 1   | 5    | 20     | 56     | 0.3       | 2.3     | 1.08  | 88.6      | 97.7191  | 70.1768 |
| 2009 | 6     | 1   | 5    | 35     | 56     | 0.3       | 2.3     | 1.11  | 88.3      | 97.443   | 71.8959 |
| 2009 | 6     | 1   | 5    | 50     | 56     | 0.3       | 2.3     | 1.04  | 90.5      | 97.167   | 67.2364 |
| 2009 | 6     | 1   | 6    | 5      | 56     | 0.3       | 2.3     | 1.12  | 89.5      | 96.8914  | 72.7175 |
| 2009 | 6     | 1   | 6    | 20     | 56     | 0.3       | 2.3     | 1.08  | 89.7      | 96.8914  | 69.6586 |
| 2009 | 6     | 1   | 6    | 35     | 56     | 0.3       | 2.3     | 1.05  | 90.7      | 96.7536  | 67.2221 |
| 2009 | 6     | 1   | 6    | 50     | 56     | 0.3       | 2.3     | 1.1   | 88.5      | 96.616   | 71.1289 |
| 2009 | 6     | 1   | 7    | 5      | 56     | 0.3       | 2.3     | 1.07  | 89.3      | 96.616   | 68.5471 |
| 2009 | 6     | 1   | 7    | 20     | 56     | 0.3       | 2.3     | 1.08  | 90        | 96.4784  | 69.3996 |
| 2009 | 6     | 1   | 7    | 35     | 56     | 0.3       | 2.3     | 1.1   | 88.8      | 96.4784  | 70.8061 |
| 2009 | 6     | 1   | 7    | 50     | 56     | 0.3       | 2.3     | 1.09  | 89.5      | 96.341   | 70.2498 |
| 2009 | 6     | 1   | 8    | 5      | 56     | 0.3       | 2.3     | 1.09  | 89.8      | 96.0661  | 69.6078 |
| 2009 | 6     | 1   | 8    | 20     | 56     | 0.3       | 2.3     | 1.06  | 90.9      | 96.0661  | 67.5061 |
| 2009 | 6     | 1   | 8    | 35     | 56     | 0.3       | 2.3     | 1.09  | 89        | 95.7916  | 69.4342 |
| 2009 | 6     | 1   | 8    | 50     | 56     | 0.3       | 2.3     | 1.09  | 89.5      | 95.5174  | 69.2606 |
| 2009 | 6     | 1   | 9    | 5      | 56     | 0.3       | 2.3     | 1.09  | 88.6      | 95.2434  | 69.5506 |
| 2009 | 6     | 1   | 9    | 20     | 56     | 0.3       | 2.3     | 1.08  | 89.8      | 95.1066  | 68.5374 |
| 2009 | 6     | 1   | 9    | 35     | 56     | 0.3       | 2.3     | 1.05  | 90.7      | 95.1066  | 66.2228 |
| 2009 | 6     | 1   | 9    | 50     | 56     | 0.3       | 2.3     | 1.04  | 89.6      | 94.9697  | 65.4461 |
| 2009 | 6     | 1   | 10   | 5      | 56     | 0.3       | 2.3     | 1.12  | 88        | 94.9697  | 70.9941 |
| 2009 | 6     | 1   | 10   | 20     | 56     | 0.3       | 2.3     | 1.04  | 89.3      | 94.833   | 65.8255 |
| 2009 | 6     | 1   | 10   | 35     | 56     | 0.3       | 2.3     | 1.07  | 90        | 94.6964  | 67.3567 |
| 2009 | 6     | 1   | 10   | 50     | 56     | 0.3       | 2.3     | 1.04  | 88.6      | 94.5597  | 65.4295 |
| 2009 | 6     | 1   | 11   | 5      | 56     | 0.3       | 2.3     | 1.08  | 89.7      | 94.4232  | 68.1068 |
| 2009 | 6     | 1   | 11   | 20     | 56     | 0.3       | 2.3     | 1.1   | 88.8      | 93.8779  | 69.1355 |
| 2009 | 6     | 1   | 11   | 35     | 56     | 0.3       | 2.3     | 1.03  | 90.2      | 93.8779  | 64.5594 |
| 2009 | 6     | 1   | 11   | 50     | 56     | 0.3       | 2       | 1.07  | 88.8      | 93.6055  | 67.1342 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 1   | 12   | 5      | 56     | 0.3       | 2       | 1.1   | 89.7      | 93.6055 | 68.7317 |
| 2009 | 6     | 1   | 12   | 20     | 56     | 0.3       | 2       | 1.06  | 87.7      | 93.4695 | 65.9092 |
| 2009 | 6     | 1   | 12   | 35     | 56     | 0.3       | 2       | 1.08  | 89.1      | 93.4695 | 67.2767 |
| 2009 | 6     | 1   | 12   | 50     | 56     | 0.3       | 2       | 1.07  | 88.1      | 93.3335 | 66.9634 |
| 2009 | 6     | 1   | 13   | 5      | 56     | 0.3       | 2       | 1.05  | 89.6      | 93.0617 | 65.4304 |
| 2009 | 6     | 1   | 13   | 20     | 56     | 0.3       | 2       | 1.04  | 89.6      | 92.9259 | 64.6666 |
| 2009 | 6     | 1   | 13   | 35     | 56     | 0.3       | 2       | 1.04  | 88.5      | 92.5189 | 63.9667 |
| 2009 | 6     | 1   | 13   | 50     | 56     | 0.3       | 2       | 1.09  | 87.9      | 92.2479 | 67.1817 |
| 2009 | 6     | 1   | 14   | 5      | 56     | 0.3       | 2       | 1.05  | 89.6      | 92.2479 | 64.7037 |
| 2009 | 6     | 1   | 14   | 20     | 28     | 0.3       | 2       | 1.06  | 89.3      | 92.1206 | 75.8255 |
| 2009 | 6     | 1   | 14   | 35     | 28     | 0.3       | 2       | 1.06  | 90.5      | 91.9852 | 75.9112 |
| 2009 | 6     | 1   | 14   | 50     | 28     | 0.3       | 2       | 1.11  | 89.8      | 91.9852 | 77.6093 |
| 2009 | 6     | 1   | 15   | 5      | 28     | 0.3       | 2       | 1.09  | 88.6      | 91.8499 | 76.7867 |
| 2009 | 6     | 1   | 15   | 20     | 28     | 0.3       | 2       | 1.1   | 90.5      | 91.4444 | 76.5819 |
| 2009 | 6     | 1   | 15   | 35     | 28     | 0.3       | 2       | 1.09  | 89.1      | 91.1744 | 76.0721 |
| 2009 | 6     | 1   | 15   | 50     | 28     | 0.3       | 2       | 1.08  | 88.6      | 91.3093 | 75.879  |
| 2009 | 6     | 1   | 16   | 5      | 28     | 0.3       | 2       | 1.11  | 86.1      | 91.0395 | 76.4867 |
| 2009 | 6     | 1   | 16   | 20     | 28     | 0.3       | 2       | 1.09  | 88.6      | 90.7698 | 75.5341 |
| 2009 | 6     | 1   | 16   | 35     | 28     | 0.3       | 2       | 1.05  | 88.6      | 90.6351 | 74.1751 |
| 2009 | 6     | 1   | 16   | 50     | 28     | 0.3       | 2       | 1.07  | 87.2      | 90.5004 | 74.4778 |
| 2009 | 6     | 1   | 17   | 5      | 28     | 0.3       | 2       | 1.09  | 86.7      | 90.3659 | 75.1091 |
| 2009 | 6     | 1   | 17   | 20     | 28     | 0.3       | 2       | 1.07  | 89.8      | 90.3659 | 74.5583 |
| 2009 | 6     | 1   | 17   | 35     | 28     | 0.3       | 2       | 1.1   | 88.5      | 90.2313 | 75.2973 |
| 2009 | 6     | 1   | 17   | 50     | 28     | 0.3       | 2       | 1.07  | 88.6      | 90.2313 | 74.1984 |
| 2009 | 6     | 1   | 18   | 5      | 28     | 0.3       | 2       | 1.1   | 89.3      | 89.9625 | 75.0134 |
| 2009 | 6     | 1   | 18   | 20     | 28     | 0.3       | 2       | 1.07  | 87.7      | 89.9625 | 74.029  |
| 2009 | 6     | 1   | 18   | 35     | 28     | 0.3       | 2       | 1.07  | 90.2      | 89.6938 | 73.8591 |
| 2009 | 6     | 1   | 18   | 50     | 28     | 0.3       | 2       | 1.04  | 87.3      | 89.2914 | 72.2518 |
| 2009 | 6     | 1   | 19   | 5      | 28     | 0.3       | 2       | 1.1   | 89.1      | 89.1574 | 74.0573 |
| 2009 | 6     | 1   | 19   | 20     | 28     | 0.3       | 2       | 1.1   | 88.6      | 89.0234 | 74.0243 |
| 2009 | 6     | 1   | 19   | 35     | 28     | 0.3       | 2       | 1.05  | 88.4      | 88.8895 | 72.3803 |
| 2009 | 6     | 1   | 19   | 50     | 28     | 0.3       | 2       | 1.09  | 89.1      | 88.8895 | 73.454  |
| 2009 | 6     | 1   | 20   | 5      | 28     | 0.3       | 2       | 1.12  | 89.5      | 88.7557 | 74.2786 |
| 2009 | 6     | 1   | 20   | 20     | 28     | 0.3       | 2       | 1.1   | 90        | 88.6219 | 73.4956 |
| 2009 | 6     | 1   | 20   | 35     | 28     | 0.3       | 2       | 1.06  | 90        | 88.4883 | 72.1826 |
| 2009 | 6     | 1   | 20   | 50     | 28     | 0.3       | 2       | 1.04  | 88.7      | 88.3546 | 71.3007 |
| 2009 | 6     | 1   | 21   | 5      | 28     | 0.3       | 2       | 1.08  | 88.8      | 88.0875 | 72.3009 |
| 2009 | 6     | 1   | 21   | 20     | 28     | 0.3       | 2       | 1.04  | 88.6      | 87.9541 | 71.0008 |
| 2009 | 6     | 1   | 21   | 35     | 28     | 0.3       | 2       | 1.05  | 89.6      | 87.6874 | 71.1512 |
| 2009 | 6     | 1   | 21   | 50     | 28     | 0.3       | 2       | 0.98  | 87.9      | 87.5541 | 68.4978 |
| 2009 | 6     | 1   | 22   | 5      | 28     | 0.3       | 2       | 1.02  | 90        | 87.4209 | 69.9377 |
| 2009 | 6     | 1   | 22   | 20     | 28     | 0.3       | 2       | 1.12  | 90        | 87.2878 | 72.9365 |
| 2009 | 6     | 1   | 22   | 35     | 28     | 0.3       | 2       | 1.05  | 89.6      | 87.2878 | 70.6396 |
| 2009 | 6     | 1   | 22   | 50     | 28     | 0.3       | 2       | 1.03  | 88.9      | 87.1548 | 69.8794 |
| 2009 | 6     | 1   | 23   | 5      | 28     | 0.3       | 2       | 1.04  | 89.6      | 87.0218 | 70.1614 |
| 2009 | 6     | 1   | 23   | 20     | 28     | 0.3       | 2       | 1.03  | 88.5      | 86.8888 | 69.7159 |
| 2009 | 6     | 1   | 23   | 35     | 28     | 0.3       | 2       | 1.03  | 87.6      | 86.8888 | 69.6123 |
| 2009 | 6     | 1   | 23   | 50     | 28     | 0.3       | 2       | 1.04  | 89.5      | 86.6231 | 69.6553 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 2   | 0    | 5      | 28     | 0.3       | 2       | 1.02  | 88.7      | 86.2251 | 68.6394 |
| 2009 | 6     | 2   | 0    | 20     | 28     | 0.3       | 2       | 1.02  | 89.4      | 86.0925 | 68.5075 |
| 2009 | 6     | 2   | 0    | 35     | 28     | 0.3       | 2       | 1.02  | 89.4      | 85.96   | 68.4776 |
| 2009 | 6     | 2   | 0    | 50     | 28     | 0.3       | 2       | 0.99  | 89.4      | 85.8276 | 67.2267 |
| 2009 | 6     | 2   | 1    | 5      | 28     | 0.3       | 2       | 1.03  | 89.8      | 85.6953 | 68.4169 |
| 2009 | 6     | 2   | 1    | 20     | 28     | 0.3       | 2       | 1.01  | 87        | 85.6953 | 67.7065 |
| 2009 | 6     | 2   | 1    | 35     | 28     | 0.3       | 2       | 1.01  | 89.3      | 85.563  | 67.576  |
| 2009 | 6     | 2   | 1    | 50     | 28     | 0.3       | 2       | 1.05  | 89.3      | 85.4307 | 68.7587 |
| 2009 | 6     | 2   | 2    | 5      | 28     | 0.3       | 2       | 0.98  | 90        | 85.4307 | 66.5366 |
| 2009 | 6     | 2   | 2    | 20     | 28     | 0.3       | 2       | 1     | 90        | 85.2986 | 67.1139 |
| 2009 | 6     | 2   | 2    | 35     | 28     | 0.3       | 2       | 1.02  | 90        | 85.2986 | 67.6178 |
| 2009 | 6     | 2   | 2    | 50     | 28     | 0.3       | 2       | 1     | 90        | 85.1665 | 67.0849 |
| 2009 | 6     | 2   | 3    | 5      | 28     | 0.3       | 2       | 1.03  | 90.7      | 85.0344 | 67.7574 |
| 2009 | 6     | 2   | 3    | 20     | 28     | 0.3       | 2       | 1.04  | 89.3      | 84.6387 | 67.6621 |
| 2009 | 6     | 2   | 3    | 35     | 28     | 0.3       | 2       | 0.99  | 89.4      | 84.5069 | 66.0403 |
| 2009 | 6     | 2   | 3    | 50     | 28     | 0.3       | 2       | 1.04  | 90        | 84.3751 | 67.2995 |
| 2009 | 6     | 2   | 4    | 5      | 28     | 0.3       | 2       | 1.03  | 89.5      | 84.2435 | 66.8716 |
| 2009 | 6     | 2   | 4    | 20     | 28     | 0.3       | 2       | 0.99  | 89.6      | 84.1119 | 65.755  |
| 2009 | 6     | 2   | 4    | 35     | 28     | 0.3       | 2       | 1.07  | 89.1      | 83.9804 | 67.9882 |
| 2009 | 6     | 2   | 4    | 50     | 28     | 0.3       | 2       | 1.05  | 90.5      | 83.9804 | 67.2995 |
| 2009 | 6     | 2   | 5    | 5      | 28     | 0.3       | 2       | 1.05  | 89.8      | 83.8489 | 67.2658 |
| 2009 | 6     | 2   | 5    | 20     | 28     | 0.3       | 2       | 1.1   | 90.3      | 83.8489 | 68.6398 |
| 2009 | 6     | 2   | 5    | 35     | 28     | 0.3       | 2       | 1.1   | 89.8      | 83.8489 | 68.7379 |
| 2009 | 6     | 2   | 5    | 50     | 28     | 0.3       | 2       | 1.09  | 90        | 83.7175 | 68.2108 |
| 2009 | 6     | 2   | 6    | 5      | 28     | 0.3       | 2       | 1.07  | 90        | 83.7175 | 67.5255 |
| 2009 | 6     | 2   | 6    | 20     | 28     | 0.3       | 2       | 1.08  | 89.7      | 83.5861 | 67.6857 |
| 2009 | 6     | 2   | 6    | 35     | 28     | 0.3       | 2       | 1.07  | 89.5      | 83.4549 | 67.26   |
| 2009 | 6     | 2   | 6    | 50     | 28     | 0.3       | 2       | 1.12  | 90.2      | 83.3237 | 68.6827 |
| 2009 | 6     | 2   | 7    | 5      | 28     | 0.3       | 2       | 1.09  | 90.5      | 83.0614 | 67.4433 |
| 2009 | 6     | 2   | 7    | 20     | 28     | 0.3       | 2       | 1.08  | 90.2      | 82.9304 | 67.0204 |
| 2009 | 6     | 2   | 7    | 35     | 28     | 0.3       | 2       | 1.06  | 88.9      | 82.7995 | 66.4064 |
| 2009 | 6     | 2   | 7    | 50     | 28     | 0.3       | 2       | 1.09  | 88.6      | 82.5377 | 67.1018 |
| 2009 | 6     | 2   | 8    | 5      | 28     | 0.3       | 2       | 1.05  | 90.2      | 82.5377 | 65.9523 |
| 2009 | 6     | 2   | 8    | 20     | 28     | 0.3       | 2       | 1.04  | 88.6      | 82.407  | 65.535  |
| 2009 | 6     | 2   | 8    | 35     | 28     | 0.3       | 2       | 1.09  | 90.3      | 82.407  | 66.9684 |
| 2009 | 6     | 2   | 8    | 50     | 28     | 0.3       | 2       | 1.06  | 88.6      | 82.2762 | 65.9771 |
| 2009 | 6     | 2   | 9    | 5      | 28     | 0.3       | 2       | 1.08  | 89.8      | 82.1456 | 66.2265 |
| 2009 | 6     | 2   | 9    | 20     | 28     | 0.3       | 2       | 1.04  | 90.5      | 82.1456 | 65.0854 |
| 2009 | 6     | 2   | 9    | 35     | 28     | 0.3       | 2       | 1.06  | 89.3      | 82.015  | 65.6204 |
| 2009 | 6     | 2   | 9    | 50     | 28     | 0.3       | 2       | 1.05  | 90        | 81.8845 | 65.1113 |
| 2009 | 6     | 2   | 10   | 5      | 28     | 0.3       | 2       | 1.1   | 89.5      | 81.4934 | 66.1323 |
| 2009 | 6     | 2   | 10   | 20     | 28     | 0.3       | 2       | 1.09  | 88.6      | 81.3631 | 65.906  |
| 2009 | 6     | 2   | 10   | 35     | 28     | 0.3       | 2       | 1.07  | 87.7      | 81.2329 | 65.1195 |
| 2009 | 6     | 2   | 10   | 50     | 28     | 0.3       | 2       | 1.07  | 89.6      | 81.1028 | 64.9891 |
| 2009 | 6     | 2   | 11   | 5      | 28     | 0.3       | 2       | 1.11  | 90.5      | 80.9727 | 66.068  |
| 2009 | 6     | 2   | 11   | 20     | 28     | 0.3       | 2       | 1.03  | 90.5      | 80.9727 | 63.8356 |
| 2009 | 6     | 2   | 11   | 35     | 28     | 0.3       | 2       | 1.06  | 89.3      | 80.8427 | 64.4503 |
| 2009 | 6     | 2   | 11   | 50     | 28     | 0.3       | 2       | 1.06  | 89.8      | 80.8427 | 64.4503 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 2   | 12   | 5      | 28     | 0.3       | 2       | 1.08  | 89.7      | 80.7128 | 64.8763 |
| 2009 | 6     | 2   | 12   | 20     | 28     | 0.3       | 2       | 1.06  | 88.9      | 80.5829 | 64.0994 |
| 2009 | 6     | 2   | 12   | 35     | 28     | 0.3       | 1.6     | 1.08  | 90        | 80.3234 | 64.3931 |
| 2009 | 6     | 2   | 12   | 50     | 28     | 0.3       | 1.6     | 1.08  | 88.6      | 80.1937 | 64.4465 |
| 2009 | 6     | 2   | 13   | 5      | 28     | 0.3       | 1.6     | 1.06  | 89.5      | 80.0641 | 63.5849 |
| 2009 | 6     | 2   | 13   | 20     | 28     | 0.3       | 1.6     | 1.05  | 88        | 79.805  | 63.2374 |
| 2009 | 6     | 2   | 13   | 35     | 28     | 0.3       | 1.6     | 1.05  | 89.5      | 79.6756 | 63.1096 |
| 2009 | 6     | 2   | 13   | 50     | 28     | 0.3       | 1.6     | 1.04  | 88.4      | 79.6756 | 62.6559 |
| 2009 | 6     | 2   | 14   | 5      | 28     | 0.3       | 1.6     | 1.07  | 89.1      | 79.5462 | 63.344  |
| 2009 | 6     | 2   | 14   | 20     | 28     | 0.3       | 1.6     | 1.05  | 89.3      | 79.4169 | 62.6738 |
| 2009 | 6     | 2   | 14   | 35     | 28     | 0.3       | 1.6     | 1.08  | 89.1      | 79.4169 | 63.4864 |
| 2009 | 6     | 2   | 14   | 50     | 28     | 0.3       | 1.6     | 1.08  | 89.7      | 79.2877 | 63.3574 |
| 2009 | 6     | 2   | 15   | 5      | 28     | 0.3       | 1.6     | 1.04  | 87.3      | 79.0294 | 62.1141 |
| 2009 | 6     | 2   | 15   | 20     | 28     | 0.3       | 1.6     | 1.04  | 85.3      | 79.0294 | 62.1141 |
| 2009 | 6     | 2   | 15   | 35     | 28     | 0.3       | 1.6     | 1.06  | 87.2      | 78.7714 | 62.4861 |
| 2009 | 6     | 2   | 15   | 50     | 28     | 0.3       | 1.6     | 1.02  | 88.3      | 78.6425 | 61.2025 |
| 2009 | 6     | 2   | 16   | 5      | 28     | 0.3       | 1.6     | 1.04  | 88        | 78.3848 | 61.3963 |
| 2009 | 6     | 2   | 16   | 20     | 28     | 0.3       | 1.6     | 1.07  | 87.7      | 78.2561 | 62.1538 |
| 2009 | 6     | 2   | 16   | 35     | 28     | 0.3       | 1.6     | 1.06  | 87.5      | 78.2561 | 61.9772 |
| 2009 | 6     | 2   | 16   | 50     | 28     | 0.3       | 1.6     | 1.02  | 88        | 78.1275 | 60.7057 |
| 2009 | 6     | 2   | 17   | 5      | 28     | 0.3       | 1.6     | 1.08  | 85.6      | 78.1275 | 62.1145 |
| 2009 | 6     | 2   | 17   | 20     | 28     | 0.3       | 1.6     | 1.08  | 87.7      | 78.1275 | 62.3786 |
| 2009 | 6     | 2   | 17   | 35     | 28     | 0.3       | 1.6     | 1.06  | 87.7      | 77.9988 | 61.5479 |
| 2009 | 6     | 2   | 17   | 50     | 28     | 0.3       | 1.6     | 1.05  | 87.5      | 77.9988 | 61.2844 |
| 2009 | 6     | 2   | 18   | 5      | 28     | 0.3       | 1.6     | 1.07  | 86.8      | 77.8703 | 61.6845 |
| 2009 | 6     | 2   | 18   | 20     | 28     | 0.3       | 1.6     | 1     | 87.6      | 77.8703 | 60.02   |
| 2009 | 6     | 2   | 18   | 35     | 28     | 0.3       | 1.6     | 1.09  | 86.2      | 77.6135 | 62.0414 |
| 2009 | 6     | 2   | 18   | 50     | 28     | 0.3       | 1.6     | 1.05  | 86.4      | 77.7419 | 61.1209 |
| 2009 | 6     | 2   | 19   | 5      | 28     | 0.3       | 1.6     | 1.07  | 86.8      | 77.6135 | 61.4312 |
| 2009 | 6     | 2   | 19   | 20     | 28     | 0.3       | 1.6     | 1.05  | 87        | 77.6135 | 61.0826 |
| 2009 | 6     | 2   | 19   | 35     | 28     | 0.3       | 1.6     | 1.06  | 85.4      | 77.6135 | 61.1698 |
| 2009 | 6     | 2   | 19   | 50     | 28     | 0.3       | 1.6     | 1.07  | 86.8      | 77.4851 | 61.3048 |
| 2009 | 6     | 2   | 20   | 5      | 28     | 0.3       | 1.6     | 1.06  | 87.2      | 77.3568 | 61.0917 |
| 2009 | 6     | 2   | 20   | 20     | 28     | 0.3       | 1.6     | 1.05  | 87.9      | 77.2286 | 60.6198 |
| 2009 | 6     | 2   | 20   | 35     | 28     | 0.3       | 1.6     | 1.07  | 87.7      | 77.1004 | 61.0125 |
| 2009 | 6     | 2   | 20   | 50     | 28     | 0.3       | 1.6     | 1.07  | 88.2      | 76.9724 | 60.8003 |
| 2009 | 6     | 2   | 21   | 5      | 28     | 0.3       | 1.6     | 1.07  | 86.7      | 76.8444 | 60.7604 |
| 2009 | 6     | 2   | 21   | 20     | 28     | 0.3       | 1.6     | 1.06  | 88.6      | 76.8444 | 60.5887 |
| 2009 | 6     | 2   | 21   | 35     | 28     | 0.3       | 1.6     | 1.1   | 87.9      | 76.7164 | 61.4051 |
| 2009 | 6     | 2   | 21   | 50     | 28     | 0.3       | 1.6     | 1.01  | 89.8      | 76.7164 | 59.1788 |
| 2009 | 6     | 2   | 22   | 5      | 28     | 0.3       | 1.6     | 1.05  | 89.3      | 76.5885 | 60.0817 |
| 2009 | 6     | 2   | 22   | 20     | 28     | 0.3       | 1.6     | 1.1   | 89.1      | 76.5885 | 61.3628 |
| 2009 | 6     | 2   | 22   | 35     | 28     | 0.3       | 1.6     | 1.08  | 87.7      | 76.4607 | 60.7239 |
| 2009 | 6     | 2   | 22   | 50     | 28     | 0.3       | 1.6     | 1.02  | 90.2      | 76.4607 | 59.1905 |
| 2009 | 6     | 2   | 23   | 5      | 28     | 0.3       | 1.6     | 1.05  | 88.6      | 76.4607 | 59.9572 |
| 2009 | 6     | 2   | 23   | 20     | 28     | 0.3       | 1.6     | 1.05  | 88.6      | 76.4607 | 59.9572 |
| 2009 | 6     | 2   | 23   | 35     | 28     | 0.3       | 1.6     | 1.05  | 87        | 76.4607 | 59.872  |
| 2009 | 6     | 2   | 23   | 50     | 28     | 0.3       | 1.6     | 1.06  | 87.7      | 76.4607 | 60.2128 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 3   | 0    | 5      | 28     | 0.3       | 1.6     | 1.06  | 89.3      | 76.3329 | 60.0877 |
| 2009 | 6     | 3   | 0    | 20     | 28     | 0.3       | 1.6     | 1.11  | 87.8      | 76.3329 | 61.2773 |
| 2009 | 6     | 3   | 0    | 35     | 28     | 0.3       | 1.6     | 1.05  | 88.8      | 76.2052 | 59.7085 |
| 2009 | 6     | 3   | 0    | 50     | 28     | 0.3       | 1.6     | 1.08  | 89.5      | 76.2052 | 60.3866 |
| 2009 | 6     | 3   | 1    | 5      | 28     | 0.3       | 1.6     | 1.08  | 88.8      | 76.2052 | 60.3018 |
| 2009 | 6     | 3   | 1    | 20     | 28     | 0.3       | 1.6     | 1.07  | 89.1      | 76.2052 | 60.0475 |
| 2009 | 6     | 3   | 1    | 35     | 28     | 0.3       | 1.6     | 1.08  | 89.1      | 76.0775 | 60.2607 |
| 2009 | 6     | 3   | 1    | 50     | 28     | 0.3       | 1.6     | 1.07  | 87.7      | 76.0775 | 59.9226 |
| 2009 | 6     | 3   | 2    | 5      | 28     | 0.3       | 1.6     | 1.05  | 89.3      | 75.95   | 59.2918 |
| 2009 | 6     | 3   | 2    | 20     | 28     | 0.3       | 1.6     | 1.05  | 90        | 75.95   | 59.2918 |
| 2009 | 6     | 3   | 2    | 35     | 28     | 0.3       | 1.6     | 1.08  | 88.4      | 75.95   | 60.2193 |
| 2009 | 6     | 3   | 2    | 50     | 28     | 0.3       | 1.6     | 1.07  | 89.8      | 75.8224 | 59.8412 |
| 2009 | 6     | 3   | 3    | 5      | 28     | 0.3       | 1.6     | 1.06  | 90        | 75.8224 | 59.5047 |
| 2009 | 6     | 3   | 3    | 20     | 28     | 0.3       | 1.6     | 1.07  | 88.9      | 75.695  | 59.5484 |
| 2009 | 6     | 3   | 3    | 35     | 28     | 0.3       | 1.6     | 1.09  | 88.4      | 75.695  | 60.1356 |
| 2009 | 6     | 3   | 3    | 50     | 28     | 0.3       | 1.6     | 1.06  | 87.9      | 75.5676 | 59.1729 |
| 2009 | 6     | 3   | 4    | 5      | 28     | 0.3       | 1.6     | 1.07  | 90        | 75.4403 | 59.2995 |
| 2009 | 6     | 3   | 4    | 20     | 28     | 0.3       | 1.6     | 1.1   | 89.7      | 75.313  | 59.9245 |
| 2009 | 6     | 3   | 4    | 35     | 28     | 0.3       | 1.6     | 1.05  | 90        | 75.1858 | 58.7192 |
| 2009 | 6     | 3   | 4    | 50     | 28     | 0.3       | 1.6     | 1.05  | 89.3      | 75.1858 | 58.7192 |
| 2009 | 6     | 3   | 5    | 5      | 28     | 0.3       | 1.6     | 1.06  | 90.4      | 75.1858 | 58.8022 |
| 2009 | 6     | 3   | 5    | 20     | 28     | 0.3       | 1.6     | 1.06  | 87.3      | 75.0587 | 58.8445 |
| 2009 | 6     | 3   | 5    | 35     | 28     | 0.3       | 1.6     | 1.07  | 89.5      | 75.0587 | 59.0102 |
| 2009 | 6     | 3   | 5    | 50     | 28     | 0.3       | 1.6     | 1.06  | 88.2      | 75.0587 | 58.6789 |
| 2009 | 6     | 3   | 6    | 5      | 28     | 0.3       | 1.6     | 1.05  | 87.5      | 74.9316 | 58.3905 |
| 2009 | 6     | 3   | 6    | 20     | 28     | 0.3       | 1.6     | 1.02  | 89.4      | 74.9316 | 57.6472 |
| 2009 | 6     | 3   | 6    | 35     | 28     | 0.3       | 1.6     | 1.05  | 88.9      | 74.9316 | 58.4731 |
| 2009 | 6     | 3   | 6    | 50     | 28     | 0.3       | 1.6     | 1.06  | 89.6      | 74.8046 | 58.5975 |
| 2009 | 6     | 3   | 7    | 5      | 28     | 0.3       | 1.6     | 1.08  | 90.3      | 74.8046 | 59.0918 |
| 2009 | 6     | 3   | 7    | 20     | 28     | 0.3       | 1.6     | 1.03  | 88.5      | 74.8046 | 57.7736 |
| 2009 | 6     | 3   | 7    | 35     | 28     | 0.3       | 1.6     | 1.03  | 89.5      | 74.6777 | 57.5703 |
| 2009 | 6     | 3   | 7    | 50     | 28     | 0.3       | 1.6     | 1.02  | 88.5      | 74.6777 | 57.3237 |
| 2009 | 6     | 3   | 8    | 5      | 28     | 0.3       | 1.6     | 1.05  | 87.5      | 74.5508 | 57.9412 |
| 2009 | 6     | 3   | 8    | 20     | 28     | 0.3       | 1.6     | 1.05  | 90        | 74.5508 | 58.1051 |
| 2009 | 6     | 3   | 8    | 35     | 28     | 0.3       | 1.6     | 1.04  | 89.6      | 74.5508 | 57.7772 |
| 2009 | 6     | 3   | 8    | 50     | 28     | 0.3       | 1.6     | 0.99  | 88.5      | 74.5508 | 56.4659 |
| 2009 | 6     | 3   | 9    | 5      | 28     | 0.3       | 1.6     | 1.04  | 86.9      | 74.424  | 57.7374 |
| 2009 | 6     | 3   | 9    | 20     | 28     | 0.3       | 1.6     | 1.04  | 87.3      | 74.2973 | 57.5342 |
| 2009 | 6     | 3   | 9    | 35     | 28     | 0.3       | 1.6     | 0.99  | 90        | 74.1706 | 56.1118 |
| 2009 | 6     | 3   | 9    | 50     | 28     | 0.3       | 1.6     | 1.06  | 87.9      | 74.044  | 57.8595 |
| 2009 | 6     | 3   | 10   | 5      | 28     | 0.3       | 1.6     | 1.01  | 86.1      | 74.2973 | 56.6374 |
| 2009 | 6     | 3   | 10   | 20     | 28     | 0.3       | 1.6     | 1.04  | 88        | 74.044  | 57.2106 |
| 2009 | 6     | 3   | 10   | 35     | 28     | 0.3       | 1.6     | 1.01  | 89.1      | 73.9174 | 56.4426 |
| 2009 | 6     | 3   | 10   | 50     | 28     | 0.3       | 1.6     | 1.06  | 88.6      | 73.7909 | 57.5338 |
| 2009 | 6     | 3   | 11   | 5      | 28     | 0.3       | 1.6     | 1.02  | 87.2      | 73.5381 | 56.2464 |
| 2009 | 6     | 3   | 11   | 20     | 28     | 0.3       | 1.6     | 1.03  | 86.9      | 73.4118 | 56.2874 |
| 2009 | 6     | 3   | 11   | 35     | 28     | 0.3       | 1.6     | 0.99  | 87.7      | 73.4118 | 55.5669 |
| 2009 | 6     | 3   | 11   | 50     | 28     | 0.3       | 1.6     | 1     | 87        | 73.2856 | 55.5293 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 3   | 12   | 5      | 28     | 0.3       | 1.6     | 1     | 88.7      | 73.2856 | 55.6091 |
| 2009 | 6     | 3   | 12   | 20     | 28     | 0.3       | 1.6     | 1     | 87.9      | 73.2856 | 55.5293 |
| 2009 | 6     | 3   | 12   | 35     | 28     | 0.3       | 1.6     | 0.98  | 88.3      | 73.1594 | 55.0136 |
| 2009 | 6     | 3   | 12   | 50     | 28     | 0.3       | 1.6     | 1.04  | 88.9      | 73.1594 | 56.5266 |
| 2009 | 6     | 3   | 13   | 5      | 28     | 0.3       | 1.6     | 1.01  | 88.9      | 73.1594 | 55.8099 |
| 2009 | 6     | 3   | 13   | 20     | 28     | 0.3       | 1.6     | 1.02  | 88.9      | 73.1594 | 55.9692 |
| 2009 | 6     | 3   | 13   | 35     | 28     | 0.3       | 1.6     | 1.01  | 89.4      | 72.9072 | 55.4938 |
| 2009 | 6     | 3   | 13   | 50     | 28     | 0.3       | 1.6     | 1.05  | 88.7      | 72.9072 | 56.4444 |
| 2009 | 6     | 3   | 14   | 5      | 28     | 0.3       | 1.6     | 1     | 87.6      | 72.9072 | 55.2562 |
| 2009 | 6     | 3   | 14   | 20     | 28     | 0.3       | 1.6     | 1.03  | 89.8      | 72.7813 | 55.8498 |
| 2009 | 6     | 3   | 14   | 35     | 28     | 0.3       | 1.6     | 1.04  | 89.5      | 72.7813 | 56.1659 |
| 2009 | 6     | 3   | 14   | 50     | 28     | 0.3       | 1.6     | 1.03  | 89.1      | 72.7813 | 55.9288 |
| 2009 | 6     | 3   | 15   | 5      | 28     | 0.3       | 1.6     | 1.03  | 89.8      | 72.6554 | 55.6519 |
| 2009 | 6     | 3   | 15   | 20     | 28     | 0.3       | 1.6     | 1.04  | 85.8      | 72.4037 | 55.5711 |
| 2009 | 6     | 3   | 15   | 35     | 28     | 0.3       | 1.6     | 1.04  | 86.8      | 72.6554 | 55.9671 |
| 2009 | 6     | 3   | 15   | 50     | 28     | 0.3       | 1.6     | 1.02  | 85.2      | 72.6554 | 55.4943 |
| 2009 | 6     | 3   | 16   | 5      | 28     | 0.3       | 1.6     | 1.03  | 86.3      | 72.6554 | 55.6519 |
| 2009 | 6     | 3   | 16   | 20     | 28     | 0.3       | 1.6     | 1.03  | 88.5      | 72.6554 | 55.6519 |
| 2009 | 6     | 3   | 16   | 35     | 28     | 0.3       | 1.6     | 0.99  | 86.6      | 72.6554 | 54.7851 |
| 2009 | 6     | 3   | 16   | 50     | 28     | 0.3       | 1.6     | 1.02  | 84.5      | 72.6554 | 55.3367 |
| 2009 | 6     | 3   | 17   | 5      | 28     | 0.3       | 1.6     | 1.06  | 86.6      | 72.5295 | 56.3975 |
| 2009 | 6     | 3   | 17   | 20     | 28     | 0.3       | 1.6     | 1.04  | 84.9      | 72.5295 | 55.7688 |
| 2009 | 6     | 3   | 17   | 35     | 28     | 0.3       | 1.6     | 1.04  | 86.6      | 72.5295 | 55.8474 |
| 2009 | 6     | 3   | 17   | 50     | 28     | 0.3       | 1.6     | 1.02  | 88.9      | 72.5295 | 55.4545 |
| 2009 | 6     | 3   | 18   | 5      | 28     | 0.3       | 1.6     | 1.03  | 85.6      | 72.6554 | 55.7307 |
| 2009 | 6     | 3   | 18   | 20     | 28     | 0.3       | 1.6     | 1.01  | 86.5      | 72.6554 | 55.2579 |
| 2009 | 6     | 3   | 18   | 35     | 28     | 0.3       | 1.6     | 1.02  | 84.5      | 72.7813 | 55.4548 |
| 2009 | 6     | 3   | 18   | 50     | 28     | 0.3       | 1.6     | 1.04  | 88.6      | 72.7813 | 56.0869 |
| 2009 | 6     | 3   | 19   | 5      | 28     | 0.3       | 1.6     | 1.03  | 86.9      | 72.7813 | 55.6918 |
| 2009 | 6     | 3   | 19   | 20     | 28     | 0.3       | 1.6     | 1.05  | 87.9      | 72.7813 | 56.4029 |
| 2009 | 6     | 3   | 19   | 35     | 28     | 0.3       | 1.6     | 0.99  | 85.8      | 72.7813 | 54.8228 |
| 2009 | 6     | 3   | 19   | 50     | 28     | 0.3       | 1.6     | 1.04  | 89.6      | 72.7813 | 56.1659 |
| 2009 | 6     | 3   | 20   | 5      | 28     | 0.3       | 1.6     | 1     | 86.8      | 72.7813 | 54.9808 |
| 2009 | 6     | 3   | 20   | 20     | 28     | 0.3       | 1.6     | 1.02  | 90        | 72.7813 | 55.6918 |
| 2009 | 6     | 3   | 20   | 35     | 28     | 0.3       | 1.6     | 0.98  | 88.3      | 72.6554 | 54.5487 |
| 2009 | 6     | 3   | 20   | 50     | 28     | 0.3       | 1.6     | 1     | 87.4      | 72.6554 | 54.9427 |
| 2009 | 6     | 3   | 21   | 5      | 28     | 0.3       | 1.6     | 0.93  | 88.6      | 72.6554 | 53.2092 |
| 2009 | 6     | 3   | 21   | 20     | 28     | 0.3       | 1.6     | 0.98  | 87.7      | 72.6554 | 54.3911 |
| 2009 | 6     | 3   | 21   | 35     | 28     | 0.3       | 1.6     | 1.03  | 89.6      | 72.6554 | 55.8095 |
| 2009 | 6     | 3   | 21   | 50     | 28     | 0.3       | 1.6     | 1.01  | 90.6      | 72.6554 | 55.1791 |
| 2009 | 6     | 3   | 22   | 5      | 28     | 0.3       | 1.6     | 1     | 88.7      | 72.5295 | 54.9043 |
| 2009 | 6     | 3   | 22   | 20     | 28     | 0.3       | 1.6     | 0.99  | 89.1      | 72.6554 | 54.7851 |
| 2009 | 6     | 3   | 22   | 35     | 28     | 0.3       | 1.6     | 1     | 90.2      | 72.6554 | 54.9427 |
| 2009 | 6     | 3   | 22   | 50     | 28     | 0.3       | 1.6     | 1.03  | 87.6      | 72.6554 | 55.6519 |
| 2009 | 6     | 3   | 23   | 5      | 28     | 0.3       | 1.6     | 0.94  | 88.6      | 72.6554 | 53.4456 |
| 2009 | 6     | 3   | 23   | 20     | 28     | 0.3       | 1.6     | 0.98  | 88.1      | 72.6554 | 54.6275 |
| 2009 | 6     | 3   | 23   | 35     | 28     | 0.3       | 1.6     | 1.01  | 90        | 72.6554 | 55.2579 |
| 2009 | 6     | 3   | 23   | 50     | 28     | 0.3       | 1.6     | 0.97  | 89        | 72.6554 | 54.3911 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 4   | 0    | 5      | 28     | 0.3       | 1.6     | 0.99  | 89.2      | 72.6554 | 54.8639 |
| 2009 | 6     | 4   | 0    | 20     | 28     | 0.3       | 1.6     | 0.95  | 91.8      | 72.6554 | 53.7607 |
| 2009 | 6     | 4   | 0    | 35     | 28     | 0.3       | 1.6     | 0.96  | 89.6      | 72.6554 | 54.1547 |
| 2009 | 6     | 4   | 0    | 50     | 28     | 0.3       | 1.6     | 0.99  | 90.8      | 72.6554 | 54.8639 |
| 2009 | 6     | 4   | 1    | 5      | 28     | 0.3       | 1.6     | 1     | 89.6      | 72.6554 | 55.1003 |
| 2009 | 6     | 4   | 1    | 20     | 28     | 0.3       | 1.6     | 0.96  | 88        | 72.6554 | 54.0759 |
| 2009 | 6     | 4   | 1    | 35     | 28     | 0.3       | 1.6     | 0.97  | 88.6      | 72.6554 | 54.3911 |
| 2009 | 6     | 4   | 1    | 50     | 28     | 0.3       | 1.6     | 1.01  | 90.6      | 72.6554 | 55.3367 |
| 2009 | 6     | 4   | 2    | 5      | 28     | 0.3       | 1.6     | 1     | 90.6      | 72.6554 | 55.0215 |
| 2009 | 6     | 4   | 2    | 20     | 28     | 0.3       | 1.6     | 0.99  | 90.8      | 72.6554 | 54.7851 |
| 2009 | 6     | 4   | 2    | 35     | 28     | 0.3       | 1.6     | 0.97  | 90        | 72.6554 | 54.2335 |
| 2009 | 6     | 4   | 2    | 50     | 28     | 0.3       | 1.6     | 1     | 89.1      | 72.6554 | 54.9427 |
| 2009 | 6     | 4   | 3    | 5      | 28     | 0.3       | 1.6     | 1.04  | 90.4      | 72.6554 | 55.9671 |
| 2009 | 6     | 4   | 3    | 20     | 28     | 0.3       | 1.6     | 0.97  | 90.6      | 72.6554 | 54.2335 |
| 2009 | 6     | 4   | 3    | 35     | 28     | 0.3       | 1.6     | 0.97  | 88.5      | 72.6554 | 54.3911 |
| 2009 | 6     | 4   | 3    | 50     | 28     | 0.3       | 1.6     | 0.99  | 89.6      | 72.6554 | 54.8639 |
| 2009 | 6     | 4   | 4    | 5      | 28     | 0.3       | 1.6     | 0.98  | 90.4      | 72.6554 | 54.4699 |
| 2009 | 6     | 4   | 4    | 20     | 28     | 0.3       | 1.6     | 0.99  | 89.8      | 72.6554 | 54.7851 |
| 2009 | 6     | 4   | 4    | 35     | 28     | 0.3       | 1.6     | 0.98  | 88.5      | 72.6554 | 54.4699 |
| 2009 | 6     | 4   | 4    | 50     | 28     | 0.3       | 1.6     | 0.96  | 90        | 72.6554 | 54.1547 |
| 2009 | 6     | 4   | 5    | 5      | 28     | 0.3       | 1.6     | 0.96  | 90        | 72.6554 | 54.1547 |
| 2009 | 6     | 4   | 5    | 20     | 28     | 0.3       | 1.6     | 0.96  | 90        | 72.6554 | 54.0759 |
| 2009 | 6     | 4   | 5    | 35     | 28     | 0.3       | 1.6     | 0.98  | 87.1      | 72.6554 | 54.3911 |
| 2009 | 6     | 4   | 5    | 50     | 28     | 0.3       | 1.6     | 1.02  | 88.7      | 72.6554 | 55.5731 |
| 2009 | 6     | 4   | 6    | 5      | 28     | 0.3       | 1.6     | 1.02  | 91.5      | 72.6554 | 55.4155 |
| 2009 | 6     | 4   | 6    | 20     | 28     | 0.3       | 1.6     | 0.97  | 90.2      | 72.6554 | 54.3123 |
| 2009 | 6     | 4   | 6    | 35     | 28     | 0.3       | 1.6     | 1     | 89.4      | 72.6554 | 55.0215 |
| 2009 | 6     | 4   | 6    | 50     | 28     | 0.3       | 1.6     | 1     | 89.3      | 72.6554 | 55.1003 |
| 2009 | 6     | 4   | 7    | 5      | 28     | 0.3       | 1.6     | 1     | 91.3      | 72.6554 | 55.0215 |
| 2009 | 6     | 4   | 7    | 20     | 28     | 0.3       | 1.6     | 0.96  | 88.6      | 72.6554 | 53.9971 |
| 2009 | 6     | 4   | 7    | 35     | 28     | 0.3       | 1.6     | 0.95  | 89.6      | 72.6554 | 53.7607 |
| 2009 | 6     | 4   | 7    | 50     | 28     | 0.3       | 1.6     | 0.99  | 90        | 72.6554 | 54.7851 |
| 2009 | 6     | 4   | 8    | 5      | 28     | 0.3       | 1.6     | 0.98  | 89.2      | 72.6554 | 54.6275 |
| 2009 | 6     | 4   | 8    | 20     | 28     | 0.3       | 1.6     | 0.97  | 90        | 72.6554 | 54.2335 |
| 2009 | 6     | 4   | 8    | 35     | 28     | 0.3       | 1.6     | 0.99  | 88.3      | 72.6554 | 54.8639 |
| 2009 | 6     | 4   | 8    | 50     | 28     | 0.3       | 1.6     | 1     | 90        | 72.6554 | 54.9427 |
| 2009 | 6     | 4   | 9    | 5      | 28     | 0.3       | 1.6     | 0.98  | 88.5      | 72.6554 | 54.6275 |
| 2009 | 6     | 4   | 9    | 20     | 28     | 0.3       | 1.6     | 0.97  | 88.5      | 72.6554 | 54.3911 |
| 2009 | 6     | 4   | 9    | 35     | 28     | 0.3       | 1.6     | 0.99  | 90        | 72.6554 | 54.7063 |
| 2009 | 6     | 4   | 9    | 50     | 28     | 0.3       | 1.6     | 0.94  | 89.2      | 72.6554 | 53.6032 |
| 2009 | 6     | 4   | 10   | 5      | 28     | 0.3       | 1.6     | 0.94  | 90        | 72.6554 | 53.682  |
| 2009 | 6     | 4   | 10   | 20     | 28     | 0.3       | 1.6     | 1     | 92.5      | 72.6554 | 54.8639 |
| 2009 | 6     | 4   | 10   | 35     | 28     | 0.3       | 1.6     | 1.04  | 86.8      | 72.6554 | 55.9671 |
| 2009 | 6     | 4   | 10   | 50     | 28     | 0.3       | 1.6     | 0.92  | 90.2      | 72.6554 | 53.1304 |
| 2009 | 6     | 4   | 11   | 5      | 28     | 0.3       | 1.6     | 0.99  | 89.6      | 72.6554 | 54.7063 |
| 2009 | 6     | 4   | 11   | 20     | 28     | 0.3       | 1.6     | 0.99  | 87.5      | 72.6554 | 54.6275 |
| 2009 | 6     | 4   | 11   | 35     | 28     | 0.3       | 1.6     | 0.95  | 88        | 72.6554 | 53.8395 |
| 2009 | 6     | 4   | 11   | 50     | 28     | 0.3       | 1.6     | 1.03  | 87.8      | 72.6554 | 55.8095 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 4   | 12   | 5      | 28     | 0.3       | 1.6     | 1.03  | 88        | 72.5295 | 55.6902 |
| 2009 | 6     | 4   | 12   | 20     | 28     | 0.3       | 1.6     | 1.04  | 88.7      | 72.5295 | 55.926  |
| 2009 | 6     | 4   | 12   | 35     | 28     | 0.3       | 1.6     | 1     | 87.7      | 72.5295 | 54.8257 |
| 2009 | 6     | 4   | 12   | 50     | 28     | 0.3       | 1.6     | 1.04  | 89.8      | 72.5295 | 55.8474 |
| 2009 | 6     | 4   | 13   | 5      | 28     | 0.3       | 1.6     | 0.99  | 87.7      | 72.4037 | 54.4738 |
| 2009 | 6     | 4   | 13   | 20     | 28     | 0.3       | 1.6     | 0.99  | 88.3      | 72.5295 | 54.6686 |
| 2009 | 6     | 4   | 13   | 35     | 28     | 0.3       | 1.6     | 0.98  | 89.4      | 72.278  | 54.2795 |
| 2009 | 6     | 4   | 13   | 50     | 28     | 0.3       | 1.6     | 0.99  | 88.3      | 72.1523 | 54.2417 |
| 2009 | 6     | 4   | 14   | 5      | 28     | 0.3       | 1.6     | 0.99  | 86.6      | 72.0267 | 54.1259 |
| 2009 | 6     | 4   | 14   | 20     | 28     | 0.3       | 1.6     | 1.05  | 88.9      | 72.0267 | 55.5256 |
| 2009 | 6     | 4   | 14   | 35     | 28     | 0.3       | 1.6     | 1.03  | 90        | 72.0267 | 55.059  |
| 2009 | 6     | 4   | 14   | 50     | 28     | 0.3       | 1.6     | 1.03  | 90.7      | 72.0267 | 55.2146 |
| 2009 | 6     | 4   | 15   | 5      | 28     | 0.3       | 1.6     | 0.97  | 90        | 72.0267 | 53.7371 |
| 2009 | 6     | 4   | 15   | 20     | 28     | 0.3       | 1.6     | 0.99  | 87.7      | 71.9012 | 54.0102 |
| 2009 | 6     | 4   | 15   | 35     | 28     | 0.3       | 1.6     | 1.03  | 89.3      | 71.9012 | 54.9409 |
| 2009 | 6     | 4   | 15   | 50     | 28     | 0.3       | 1.6     | 1.02  | 89.8      | 71.9012 | 54.7858 |
| 2009 | 6     | 4   | 16   | 5      | 28     | 0.3       | 1.6     | 1.06  | 87.7      | 71.7757 | 55.5189 |
| 2009 | 6     | 4   | 16   | 20     | 28     | 0.3       | 1.6     | 1     | 87.6      | 71.7757 | 54.204  |
| 2009 | 6     | 4   | 16   | 35     | 28     | 0.3       | 1.6     | 0.99  | 87.5      | 71.7757 | 53.972  |
| 2009 | 6     | 4   | 16   | 50     | 28     | 0.3       | 1.6     | 1.07  | 89.1      | 71.6503 | 55.6306 |
| 2009 | 6     | 4   | 17   | 5      | 28     | 0.3       | 1.6     | 1.07  | 87.7      | 71.6503 | 55.7077 |
| 2009 | 6     | 4   | 17   | 20     | 28     | 0.3       | 1.6     | 1.09  | 89        | 71.6503 | 56.0934 |
| 2009 | 6     | 4   | 17   | 35     | 28     | 0.3       | 1.6     | 1.07  | 86.1      | 71.6503 | 55.6306 |
| 2009 | 6     | 4   | 17   | 50     | 28     | 0.3       | 1.6     | 1.02  | 88.3      | 71.6503 | 54.5506 |
| 2009 | 6     | 4   | 18   | 5      | 28     | 0.3       | 1.6     | 1.05  | 86.2      | 71.525  | 55.1256 |
| 2009 | 6     | 4   | 18   | 20     | 28     | 0.3       | 1.6     | 1     | 88.1      | 71.525  | 53.8946 |
| 2009 | 6     | 4   | 18   | 35     | 28     | 0.3       | 1.6     | 1.03  | 88.9      | 71.525  | 54.7409 |
| 2009 | 6     | 4   | 18   | 50     | 28     | 0.3       | 1.6     | 1.03  | 87.5      | 71.525  | 54.7409 |
| 2009 | 6     | 4   | 19   | 5      | 28     | 0.3       | 1.6     | 0.98  | 87.1      | 71.525  | 53.3561 |
| 2009 | 6     | 4   | 19   | 20     | 28     | 0.3       | 1.6     | 1.04  | 88        | 71.525  | 54.8179 |
| 2009 | 6     | 4   | 19   | 35     | 28     | 0.3       | 1.6     | 1.02  | 90.6      | 71.525  | 54.4332 |
| 2009 | 6     | 4   | 19   | 50     | 28     | 0.3       | 1.6     | 0.98  | 88.3      | 71.525  | 53.5869 |
| 2009 | 6     | 4   | 20   | 5      | 28     | 0.3       | 1.6     | 1.01  | 89.3      | 71.525  | 54.1254 |
| 2009 | 6     | 4   | 20   | 20     | 28     | 0.3       | 1.6     | 1.04  | 89.3      | 71.525  | 54.8179 |
| 2009 | 6     | 4   | 20   | 35     | 28     | 0.3       | 1.6     | 1.03  | 87.8      | 71.3997 | 54.5461 |
| 2009 | 6     | 4   | 20   | 50     | 28     | 0.3       | 1.6     | 1.06  | 87.7      | 71.525  | 55.3564 |
| 2009 | 6     | 4   | 21   | 5      | 28     | 0.3       | 1.6     | 1.01  | 86.6      | 71.525  | 54.1254 |
| 2009 | 6     | 4   | 21   | 20     | 28     | 0.3       | 1.6     | 1.01  | 88.7      | 71.525  | 54.1254 |
| 2009 | 6     | 4   | 21   | 35     | 28     | 0.3       | 1.6     | 1.06  | 88.8      | 71.525  | 55.2795 |
| 2009 | 6     | 4   | 21   | 50     | 28     | 0.3       | 1.6     | 0.99  | 89.6      | 71.525  | 53.7408 |
| 2009 | 6     | 4   | 22   | 5      | 28     | 0.3       | 1.6     | 1.05  | 90        | 71.525  | 55.0487 |
| 2009 | 6     | 4   | 22   | 20     | 28     | 0.3       | 1.6     | 1.03  | 90        | 71.525  | 54.664  |
| 2009 | 6     | 4   | 22   | 35     | 28     | 0.3       | 1.6     | 1.03  | 90        | 71.525  | 54.5871 |
| 2009 | 6     | 4   | 22   | 50     | 28     | 0.3       | 1.6     | 1.02  | 88.3      | 71.525  | 54.5101 |
| 2009 | 6     | 4   | 23   | 5      | 28     | 0.3       | 1.6     | 1.03  | 89.1      | 71.525  | 54.664  |
| 2009 | 6     | 4   | 23   | 20     | 28     | 0.3       | 1.6     | 0.97  | 89.4      | 71.525  | 53.2792 |
| 2009 | 6     | 4   | 23   | 35     | 28     | 0.3       | 1.6     | 1     | 90        | 71.525  | 53.9716 |
| 2009 | 6     | 4   | 23   | 50     | 28     | 0.3       | 1.6     | 1.01  | 87.8      | 71.6503 | 54.242  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 5   | 0    | 5      | 28     | 0.3       | 1.6     | 1.03  | 90        | 71.6503 | 54.7049 |
| 2009 | 6     | 5   | 0    | 20     | 28     | 0.3       | 1.6     | 1.01  | 90.6      | 71.6503 | 54.3192 |
| 2009 | 6     | 5   | 0    | 35     | 28     | 0.3       | 1.6     | 1     | 89.3      | 71.6503 | 54.1649 |
| 2009 | 6     | 5   | 0    | 50     | 28     | 0.3       | 1.6     | 1.02  | 88.3      | 71.6503 | 54.6277 |
| 2009 | 6     | 5   | 1    | 5      | 28     | 0.3       | 1.6     | 1     | 88.5      | 71.6503 | 54.0877 |
| 2009 | 6     | 5   | 1    | 20     | 28     | 0.3       | 1.6     | 1     | 88.9      | 71.6503 | 54.1649 |
| 2009 | 6     | 5   | 1    | 35     | 28     | 0.3       | 1.6     | 0.94  | 89.4      | 71.525  | 52.6637 |
| 2009 | 6     | 5   | 1    | 50     | 28     | 0.3       | 1.6     | 0.96  | 89.2      | 71.525  | 53.1253 |
| 2009 | 6     | 5   | 2    | 5      | 28     | 0.3       | 1.6     | 1     | 89.6      | 71.6503 | 54.0106 |
| 2009 | 6     | 5   | 2    | 20     | 28     | 0.3       | 1.6     | 0.94  | 89.4      | 71.525  | 52.5098 |
| 2009 | 6     | 5   | 2    | 35     | 28     | 0.3       | 1.6     | 1.01  | 89.4      | 71.525  | 54.2024 |
| 2009 | 6     | 5   | 2    | 50     | 28     | 0.3       | 1.6     | 0.98  | 89.6      | 71.525  | 53.5869 |
| 2009 | 6     | 5   | 3    | 5      | 28     | 0.3       | 1.6     | 0.96  | 88.6      | 71.525  | 52.9714 |
| 2009 | 6     | 5   | 3    | 20     | 28     | 0.3       | 1.6     | 0.95  | 88.6      | 71.525  | 52.8175 |
| 2009 | 6     | 5   | 3    | 35     | 28     | 0.3       | 1.6     | 0.98  | 89.4      | 71.525  | 53.5869 |
| 2009 | 6     | 5   | 3    | 50     | 28     | 0.3       | 1.6     | 0.99  | 89.6      | 71.525  | 53.7408 |
| 2009 | 6     | 5   | 4    | 5      | 28     | 0.3       | 1.6     | 0.93  | 89.4      | 71.525  | 52.3559 |
| 2009 | 6     | 5   | 4    | 20     | 28     | 0.3       | 1.6     | 0.98  | 89.4      | 71.525  | 53.5869 |
| 2009 | 6     | 5   | 4    | 35     | 28     | 0.3       | 1.6     | 0.98  | 89.6      | 71.525  | 53.433  |
| 2009 | 6     | 5   | 4    | 50     | 28     | 0.3       | 1.6     | 0.98  | 88.3      | 71.525  | 53.51   |
| 2009 | 6     | 5   | 5    | 5      | 28     | 0.3       | 1.6     | 0.98  | 88.7      | 71.525  | 53.433  |
| 2009 | 6     | 5   | 5    | 20     | 28     | 0.3       | 1.6     | 0.97  | 88.8      | 71.525  | 53.3561 |
| 2009 | 6     | 5   | 5    | 35     | 28     | 0.3       | 1.6     | 0.99  | 91.5      | 71.525  | 53.8177 |
| 2009 | 6     | 5   | 5    | 50     | 28     | 0.3       | 1.6     | 1.01  | 91.7      | 71.525  | 54.1254 |
| 2009 | 6     | 5   | 6    | 5      | 28     | 0.3       | 1.6     | 1.01  | 90.7      | 71.525  | 54.2793 |
| 2009 | 6     | 5   | 6    | 20     | 28     | 0.3       | 1.6     | 0.96  | 90.4      | 71.525  | 53.0483 |
| 2009 | 6     | 5   | 6    | 35     | 28     | 0.3       | 1.6     | 1.02  | 91.1      | 71.3997 | 54.3159 |
| 2009 | 6     | 5   | 6    | 50     | 28     | 0.3       | 1.6     | 0.99  | 87.7      | 71.3997 | 53.6254 |
| 2009 | 6     | 5   | 7    | 5      | 28     | 0.3       | 1.6     | 0.98  | 90        | 71.3997 | 53.3952 |
| 2009 | 6     | 5   | 7    | 20     | 28     | 0.3       | 1.6     | 0.99  | 90.4      | 71.3997 | 53.6254 |
| 2009 | 6     | 5   | 7    | 35     | 28     | 0.3       | 1.6     | 0.96  | 89.2      | 71.3997 | 52.9348 |
| 2009 | 6     | 5   | 7    | 50     | 28     | 0.3       | 1.6     | 1.02  | 90.7      | 71.3997 | 54.3159 |
| 2009 | 6     | 5   | 8    | 5      | 28     | 0.3       | 1.6     | 1     | 89.3      | 71.3997 | 53.9323 |
| 2009 | 6     | 5   | 8    | 20     | 28     | 0.3       | 1.6     | 1.01  | 88.7      | 71.3997 | 54.1625 |
| 2009 | 6     | 5   | 8    | 35     | 28     | 0.3       | 1.6     | 0.98  | 89.6      | 71.3997 | 53.3952 |
| 2009 | 6     | 5   | 8    | 50     | 28     | 0.3       | 1.6     | 1.01  | 88.5      | 71.3997 | 54.1625 |
| 2009 | 6     | 5   | 9    | 5      | 28     | 0.3       | 1.6     | 0.94  | 87.8      | 71.2744 | 52.3621 |
| 2009 | 6     | 5   | 9    | 20     | 28     | 0.3       | 1.6     | 0.88  | 89.1      | 71.2744 | 50.8316 |
| 2009 | 6     | 5   | 9    | 35     | 28     | 0.3       | 1.6     | 0.98  | 89.6      | 71.2744 | 53.2804 |
| 2009 | 6     | 5   | 9    | 50     | 28     | 0.3       | 1.6     | 0.99  | 90.4      | 71.3997 | 53.5486 |
| 2009 | 6     | 5   | 10   | 5      | 28     | 0.3       | 1.6     | 0.98  | 91        | 71.2744 | 53.2804 |
| 2009 | 6     | 5   | 10   | 20     | 28     | 0.3       | 1.6     | 0.96  | 90.2      | 71.2744 | 52.7448 |
| 2009 | 6     | 5   | 10   | 35     | 28     | 0.3       | 1.6     | 0.96  | 91        | 71.3997 | 52.858  |
| 2009 | 6     | 5   | 10   | 50     | 28     | 0.3       | 1.6     | 0.97  | 90.2      | 71.3997 | 53.0882 |
| 2009 | 6     | 5   | 11   | 5      | 28     | 0.3       | 1.6     | 0.97  | 91        | 71.2744 | 52.9743 |
| 2009 | 6     | 5   | 11   | 20     | 28     | 0.3       | 1.6     | 0.95  | 91.6      | 71.2744 | 52.5917 |
| 2009 | 6     | 5   | 11   | 35     | 28     | 0.3       | 1.6     | 1.01  | 91.7      | 71.2744 | 54.0457 |
| 2009 | 6     | 5   | 11   | 50     | 28     | 0.3       | 1.6     | 0.95  | 91        | 71.2744 | 52.5152 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 5   | 12   | 5      | 28     | 0.3       | 1.6     | 0.93  | 92.6      | 71.2744 | 52.056  |
| 2009 | 6     | 5   | 12   | 20     | 28     | 0.3       | 1.6     | 0.94  | 89.6      | 71.2744 | 52.4387 |
| 2009 | 6     | 5   | 12   | 35     | 28     | 0.3       | 1.6     | 0.98  | 89.4      | 71.1493 | 53.0896 |
| 2009 | 6     | 5   | 12   | 50     | 28     | 0.3       | 1.6     | 0.94  | 90        | 71.1493 | 52.25   |
| 2009 | 6     | 5   | 13   | 5      | 28     | 0.3       | 1.6     | 0.94  | 90.2      | 71.1493 | 52.1737 |
| 2009 | 6     | 5   | 13   | 20     | 28     | 0.3       | 1.6     | 0.94  | 90.2      | 71.1493 | 52.0974 |
| 2009 | 6     | 5   | 13   | 35     | 28     | 0.3       | 1.6     | 0.93  | 90        | 71.0242 | 51.8336 |
| 2009 | 6     | 5   | 13   | 50     | 28     | 0.3       | 1.6     | 0.98  | 92.3      | 71.1493 | 53.0132 |
| 2009 | 6     | 5   | 14   | 5      | 28     | 0.3       | 1.6     | 0.91  | 90.6      | 70.8992 | 51.267  |
| 2009 | 6     | 5   | 14   | 20     | 28     | 0.3       | 1.6     | 0.96  | 89.6      | 70.5245 | 52.0678 |
| 2009 | 6     | 5   | 14   | 35     | 28     | 0.3       | 1.6     | 0.95  | 90.2      | 70.6493 | 52.0293 |
| 2009 | 6     | 5   | 14   | 50     | 28     | 0.3       | 1.6     | 0.95  | 88.6      | 70.6493 | 51.9538 |
| 2009 | 6     | 5   | 15   | 5      | 28     | 0.3       | 1.6     | 1.01  | 89.4      | 70.5245 | 53.3479 |
| 2009 | 6     | 5   | 15   | 20     | 28     | 0.3       | 1.6     | 0.98  | 88.3      | 70.6493 | 52.6334 |
| 2009 | 6     | 5   | 15   | 35     | 28     | 0.3       | 1.6     | 0.97  | 90        | 70.6493 | 52.5578 |
| 2009 | 6     | 5   | 15   | 50     | 28     | 0.3       | 1.6     | 0.98  | 90.8      | 70.5245 | 52.5196 |
| 2009 | 6     | 5   | 16   | 5      | 28     | 0.3       | 1.6     | 1     | 89.1      | 70.5245 | 53.122  |
| 2009 | 6     | 5   | 16   | 20     | 28     | 0.3       | 1.6     | 0.96  | 88.4      | 70.3997 | 52.0304 |
| 2009 | 6     | 5   | 16   | 35     | 28     | 0.3       | 1.6     | 0.98  | 89.2      | 70.3997 | 52.5561 |
| 2009 | 6     | 5   | 16   | 50     | 28     | 0.3       | 1.6     | 0.93  | 91.8      | 70.5245 | 51.3148 |
| 2009 | 6     | 5   | 17   | 5      | 28     | 0.3       | 1.6     | 0.93  | 87.8      | 70.5245 | 51.3148 |
| 2009 | 6     | 5   | 17   | 20     | 28     | 0.3       | 1.6     | 0.98  | 87.1      | 70.5245 | 52.5949 |
| 2009 | 6     | 5   | 17   | 35     | 28     | 0.3       | 1.6     | 0.93  | 90.2      | 70.5245 | 51.3148 |
| 2009 | 6     | 5   | 17   | 50     | 28     | 0.3       | 1.6     | 0.93  | 89.2      | 70.5245 | 51.4654 |
| 2009 | 6     | 5   | 18   | 5      | 28     | 0.3       | 1.6     | 0.97  | 89        | 70.5245 | 52.369  |
| 2009 | 6     | 5   | 18   | 20     | 28     | 0.3       | 1.6     | 0.95  | 91        | 70.5245 | 51.7666 |
| 2009 | 6     | 5   | 18   | 35     | 28     | 0.3       | 1.6     | 0.98  | 91.2      | 70.5245 | 52.5196 |
| 2009 | 6     | 5   | 18   | 50     | 28     | 0.3       | 1.6     | 0.95  | 88.6      | 70.5245 | 51.9172 |
| 2009 | 6     | 5   | 19   | 5      | 28     | 0.3       | 1.6     | 0.96  | 88.8      | 70.5245 | 52.2184 |
| 2009 | 6     | 5   | 19   | 20     | 28     | 0.3       | 1.6     | 0.94  | 89.4      | 70.5245 | 51.6913 |
| 2009 | 6     | 5   | 19   | 35     | 28     | 0.3       | 1.6     | 0.97  | 87.5      | 70.6493 | 52.3313 |
| 2009 | 6     | 5   | 19   | 50     | 28     | 0.3       | 1.6     | 0.98  | 91.7      | 70.6493 | 52.7844 |
| 2009 | 6     | 5   | 20   | 5      | 28     | 0.3       | 1.6     | 0.98  | 91.2      | 70.6493 | 52.6334 |
| 2009 | 6     | 5   | 20   | 20     | 28     | 0.3       | 1.6     | 0.97  | 90.8      | 70.6493 | 52.4823 |
| 2009 | 6     | 5   | 20   | 35     | 28     | 0.3       | 1.6     | 0.99  | 91.3      | 70.6493 | 53.0109 |
| 2009 | 6     | 5   | 20   | 50     | 28     | 0.3       | 1.6     | 1     | 89.4      | 70.7742 | 53.2772 |
| 2009 | 6     | 5   | 21   | 5      | 28     | 0.3       | 1.6     | 0.99  | 90.8      | 70.7742 | 52.9743 |
| 2009 | 6     | 5   | 21   | 20     | 28     | 0.3       | 1.6     | 0.94  | 88.2      | 70.6493 | 51.8028 |
| 2009 | 6     | 5   | 21   | 35     | 28     | 0.3       | 1.6     | 0.96  | 89.2      | 70.6493 | 52.3313 |
| 2009 | 6     | 5   | 21   | 50     | 28     | 0.3       | 1.6     | 0.92  | 90.8      | 70.6493 | 51.2742 |
| 2009 | 6     | 5   | 22   | 5      | 28     | 0.3       | 1.6     | 0.93  | 90        | 70.7742 | 51.6873 |
| 2009 | 6     | 5   | 22   | 20     | 28     | 0.3       | 1.6     | 0.95  | 89.2      | 70.7742 | 52.0658 |
| 2009 | 6     | 5   | 22   | 35     | 28     | 0.3       | 1.6     | 0.91  | 89.4      | 70.7742 | 51.1573 |
| 2009 | 6     | 5   | 22   | 50     | 28     | 0.3       | 1.6     | 0.93  | 90.4      | 70.7742 | 51.6873 |
| 2009 | 6     | 5   | 23   | 5      | 28     | 0.3       | 1.6     | 0.92  | 89.4      | 70.8992 | 51.4189 |
| 2009 | 6     | 5   | 23   | 20     | 28     | 0.3       | 1.6     | 0.99  | 89.4      | 71.1493 | 53.3185 |
| 2009 | 6     | 5   | 23   | 35     | 28     | 0.3       | 1.6     | 0.99  | 87.7      | 71.0242 | 53.3559 |
| 2009 | 6     | 5   | 23   | 50     | 28     | 0.3       | 1.6     | 0.99  | 88.5      | 71.0242 | 53.3559 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 6   | 0    | 5      | 28     | 0.3       | 1.6     | 0.97  | 90.8      | 70.8992 | 52.6335 |
| 2009 | 6     | 6   | 0    | 20     | 28     | 0.3       | 1.6     | 0.91  | 89.2      | 71.0242 | 51.3769 |
| 2009 | 6     | 6   | 0    | 35     | 28     | 0.3       | 1.6     | 0.92  | 90.8      | 71.1493 | 51.7158 |
| 2009 | 6     | 6   | 0    | 50     | 28     | 0.3       | 1.6     | 0.98  | 90.8      | 71.2744 | 53.357  |
| 2009 | 6     | 6   | 1    | 5      | 28     | 0.3       | 1.6     | 0.98  | 90.2      | 71.2744 | 53.357  |
| 2009 | 6     | 6   | 1    | 20     | 28     | 0.3       | 1.6     | 0.98  | 90.8      | 71.2744 | 53.357  |
| 2009 | 6     | 6   | 1    | 35     | 28     | 0.3       | 1.6     | 0.93  | 91.6      | 71.2744 | 52.1326 |
| 2009 | 6     | 6   | 1    | 50     | 28     | 0.3       | 1.6     | 0.95  | 91        | 71.2744 | 52.5917 |
| 2009 | 6     | 6   | 2    | 5      | 28     | 0.3       | 1.6     | 0.93  | 90.8      | 71.2744 | 52.1326 |
| 2009 | 6     | 6   | 2    | 20     | 28     | 0.3       | 1.6     | 0.96  | 89.4      | 71.3997 | 52.858  |
| 2009 | 6     | 6   | 2    | 35     | 28     | 0.3       | 1.6     | 0.91  | 91        | 71.3997 | 51.7071 |
| 2009 | 6     | 6   | 2    | 50     | 28     | 0.3       | 1.6     | 0.94  | 90.6      | 71.3997 | 52.4744 |
| 2009 | 6     | 6   | 3    | 5      | 28     | 0.3       | 1.6     | 0.94  | 90.4      | 71.3997 | 52.3977 |
| 2009 | 6     | 6   | 3    | 20     | 28     | 0.3       | 1.6     | 0.9   | 90.4      | 71.3997 | 51.4769 |
| 2009 | 6     | 6   | 3    | 35     | 28     | 0.3       | 1.6     | 0.9   | 91.7      | 71.3997 | 51.4002 |
| 2009 | 6     | 6   | 3    | 50     | 28     | 0.3       | 1.6     | 0.95  | 92        | 71.3997 | 52.6278 |
| 2009 | 6     | 6   | 4    | 5      | 28     | 0.3       | 1.6     | 0.95  | 90.4      | 71.3997 | 52.7813 |
| 2009 | 6     | 6   | 4    | 20     | 28     | 0.3       | 1.6     | 0.94  | 90.4      | 71.3997 | 52.4744 |
| 2009 | 6     | 6   | 4    | 35     | 28     | 0.3       | 1.6     | 0.92  | 90        | 71.3997 | 51.8605 |
| 2009 | 6     | 6   | 4    | 50     | 28     | 0.3       | 1.6     | 0.97  | 90        | 71.3997 | 53.0882 |
| 2009 | 6     | 6   | 5    | 5      | 28     | 0.3       | 1.6     | 0.97  | 91        | 71.3997 | 53.0882 |
| 2009 | 6     | 6   | 5    | 20     | 28     | 0.3       | 1.6     | 0.94  | 88.8      | 71.3997 | 52.3977 |
| 2009 | 6     | 6   | 5    | 35     | 28     | 0.3       | 1.6     | 0.97  | 88.5      | 71.3997 | 53.165  |
| 2009 | 6     | 6   | 5    | 50     | 28     | 0.3       | 1.6     | 0.96  | 92.8      | 71.525  | 52.8945 |
| 2009 | 6     | 6   | 6    | 5      | 28     | 0.3       | 1.6     | 0.92  | 87.1      | 71.3997 | 52.014  |
| 2009 | 6     | 6   | 6    | 20     | 28     | 0.3       | 1.6     | 0.93  | 89.6      | 71.3997 | 52.2442 |
| 2009 | 6     | 6   | 6    | 35     | 28     | 0.3       | 1.6     | 0.97  | 90        | 71.3997 | 53.0882 |
| 2009 | 6     | 6   | 6    | 50     | 28     | 0.3       | 1.6     | 0.96  | 91.8      | 71.3997 | 52.7813 |
| 2009 | 6     | 6   | 7    | 5      | 28     | 0.3       | 1.6     | 0.94  | 89.6      | 71.3997 | 52.5511 |
| 2009 | 6     | 6   | 7    | 20     | 28     | 0.3       | 1.6     | 0.91  | 88.4      | 71.3997 | 51.7838 |
| 2009 | 6     | 6   | 7    | 35     | 28     | 0.3       | 1.6     | 0.95  | 88.2      | 71.3997 | 52.6278 |
| 2009 | 6     | 6   | 7    | 50     | 28     | 0.3       | 1.6     | 0.94  | 90.8      | 71.3997 | 52.3209 |
| 2009 | 6     | 6   | 8    | 5      | 28     | 0.3       | 1.6     | 0.96  | 90.8      | 71.3997 | 53.0115 |
| 2009 | 6     | 6   | 8    | 20     | 28     | 0.3       | 1.6     | 0.94  | 90.6      | 71.3997 | 52.3977 |
| 2009 | 6     | 6   | 8    | 35     | 28     | 0.3       | 1.6     | 0.94  | 92.4      | 71.3997 | 52.3209 |
| 2009 | 6     | 6   | 8    | 50     | 28     | 0.3       | 1.6     | 0.87  | 93.2      | 71.3997 | 50.7863 |
| 2009 | 6     | 6   | 9    | 5      | 28     | 0.3       | 1.6     | 0.88  | 92.6      | 71.3997 | 51.0165 |
| 2009 | 6     | 6   | 9    | 20     | 28     | 0.3       | 1.6     | 0.91  | 89.8      | 71.3997 | 51.7071 |
| 2009 | 6     | 6   | 9    | 35     | 28     | 0.3       | 1.6     | 0.97  | 90.8      | 71.3997 | 53.165  |
| 2009 | 6     | 6   | 9    | 50     | 28     | 0.3       | 1.6     | 0.94  | 90        | 71.3997 | 52.3209 |
| 2009 | 6     | 6   | 10   | 5      | 28     | 0.3       | 1.6     | 0.95  | 91        | 71.3997 | 52.5511 |
| 2009 | 6     | 6   | 10   | 20     | 28     | 0.3       | 1.6     | 0.9   | 89.8      | 71.3997 | 51.4769 |
| 2009 | 6     | 6   | 10   | 35     | 28     | 0.3       | 1.6     | 0.94  | 90        | 71.3997 | 52.3977 |
| 2009 | 6     | 6   | 10   | 50     | 28     | 0.3       | 1.6     | 0.88  | 88.1      | 71.3997 | 51.0165 |
| 2009 | 6     | 6   | 11   | 5      | 28     | 0.3       | 1.6     | 0.92  | 92.2      | 71.525  | 52.1251 |
| 2009 | 6     | 6   | 11   | 20     | 28     | 0.3       | 1.6     | 0.94  | 90.8      | 71.525  | 52.5098 |
| 2009 | 6     | 6   | 11   | 35     | 28     | 0.3       | 1.6     | 0.9   | 91        | 71.525  | 51.5866 |
| 2009 | 6     | 6   | 11   | 50     | 28     | 0.3       | 1.6     | 0.93  | 91.4      | 71.525  | 52.202  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 6   | 12   | 5      | 28     | 0.3       | 1.6     | 0.98  | 92.3      | 71.525  | 53.3561 |
| 2009 | 6     | 6   | 12   | 20     | 28     | 0.3       | 1.6     | 0.96  | 89.2      | 71.525  | 52.9714 |
| 2009 | 6     | 6   | 12   | 35     | 28     | 0.3       | 1.6     | 1.01  | 92.2      | 71.6503 | 54.242  |
| 2009 | 6     | 6   | 12   | 50     | 28     | 0.3       | 1.6     | 1.01  | 91.3      | 71.6503 | 54.3192 |
| 2009 | 6     | 6   | 13   | 5      | 28     | 0.3       | 1.6     | 1.04  | 91.4      | 71.6503 | 55.0134 |
| 2009 | 6     | 6   | 13   | 20     | 28     | 0.3       | 1.6     | 0.97  | 90.8      | 71.6503 | 53.4706 |
| 2009 | 6     | 6   | 13   | 35     | 28     | 0.3       | 1.6     | 1     | 90        | 71.6503 | 54.0106 |
| 2009 | 6     | 6   | 13   | 50     | 28     | 0.3       | 1.6     | 1.04  | 91.6      | 71.7757 | 55.1322 |
| 2009 | 6     | 6   | 14   | 5      | 28     | 0.3       | 1.6     | 0.99  | 92.1      | 71.6503 | 53.7792 |
| 2009 | 6     | 6   | 14   | 20     | 28     | 0.3       | 1.6     | 0.97  | 88.1      | 71.7757 | 53.5079 |
| 2009 | 6     | 6   | 14   | 35     | 28     | 0.3       | 1.6     | 1     | 89.2      | 71.7757 | 54.1267 |
| 2009 | 6     | 6   | 14   | 50     | 28     | 0.3       | 1.6     | 0.98  | 91.7      | 71.7757 | 53.6626 |
| 2009 | 6     | 6   | 15   | 5      | 28     | 0.3       | 1.6     | 0.99  | 89.6      | 71.7757 | 53.972  |
| 2009 | 6     | 6   | 15   | 20     | 28     | 0.3       | 1.6     | 1.02  | 90.4      | 71.7757 | 54.7455 |
| 2009 | 6     | 6   | 15   | 35     | 28     | 0.3       | 1.6     | 1.07  | 88.6      | 71.7757 | 55.751  |
| 2009 | 6     | 6   | 15   | 50     | 28     | 0.3       | 1.6     | 1     | 87.6      | 71.7757 | 54.1267 |
| 2009 | 6     | 6   | 16   | 5      | 28     | 0.3       | 1.6     | 1.01  | 89.1      | 71.7757 | 54.3587 |
| 2009 | 6     | 6   | 16   | 20     | 28     | 0.3       | 1.6     | 1.03  | 88.4      | 71.9012 | 54.9409 |
| 2009 | 6     | 6   | 16   | 35     | 28     | 0.3       | 1.6     | 0.98  | 90        | 71.9012 | 53.7776 |
| 2009 | 6     | 6   | 16   | 50     | 28     | 0.3       | 1.6     | 1.05  | 88.7      | 71.9012 | 55.4837 |
| 2009 | 6     | 6   | 17   | 5      | 28     | 0.3       | 1.6     | 1.01  | 88.9      | 71.9012 | 54.5531 |
| 2009 | 6     | 6   | 17   | 20     | 28     | 0.3       | 1.6     | 1.05  | 90.7      | 71.9012 | 55.5613 |
| 2009 | 6     | 6   | 17   | 35     | 28     | 0.3       | 1.6     | 1.01  | 89.3      | 71.9012 | 54.4755 |
| 2009 | 6     | 6   | 17   | 50     | 28     | 0.3       | 1.6     | 0.99  | 89.2      | 72.0267 | 54.2814 |
| 2009 | 6     | 6   | 18   | 5      | 28     | 0.3       | 1.6     | 1     | 88.7      | 72.0267 | 54.3592 |
| 2009 | 6     | 6   | 18   | 20     | 28     | 0.3       | 1.6     | 0.98  | 89.6      | 72.1523 | 54.0078 |
| 2009 | 6     | 6   | 18   | 35     | 28     | 0.3       | 1.6     | 0.97  | 87.5      | 72.278  | 53.8887 |
| 2009 | 6     | 6   | 18   | 50     | 28     | 0.3       | 1.6     | 1.02  | 88.7      | 72.278  | 55.1395 |
| 2009 | 6     | 6   | 19   | 5      | 28     | 0.3       | 1.6     | 1.01  | 90.4      | 72.5295 | 55.2187 |
| 2009 | 6     | 6   | 19   | 20     | 28     | 0.3       | 1.6     | 0.99  | 89.1      | 72.6554 | 54.8639 |
| 2009 | 6     | 6   | 19   | 35     | 28     | 0.3       | 1.6     | 0.98  | 90.6      | 72.7813 | 54.5857 |
| 2009 | 6     | 6   | 19   | 50     | 28     | 0.3       | 1.6     | 0.99  | 90        | 72.7813 | 54.9018 |
| 2009 | 6     | 6   | 20   | 5      | 28     | 0.3       | 1.6     | 0.91  | 91        | 72.7813 | 53.0056 |
| 2009 | 6     | 6   | 20   | 20     | 28     | 0.3       | 1.6     | 1.01  | 90        | 72.9072 | 55.4146 |
| 2009 | 6     | 6   | 20   | 35     | 28     | 0.3       | 1.6     | 1.04  | 90.5      | 72.9072 | 56.286  |
| 2009 | 6     | 6   | 20   | 50     | 28     | 0.3       | 1.6     | 0.97  | 90        | 73.0333 | 54.7383 |
| 2009 | 6     | 6   | 21   | 5      | 28     | 0.3       | 1.6     | 0.94  | 90        | 73.0333 | 53.8647 |
| 2009 | 6     | 6   | 21   | 20     | 28     | 0.3       | 1.6     | 1.03  | 90.4      | 73.0333 | 56.0885 |
| 2009 | 6     | 6   | 21   | 35     | 28     | 0.3       | 1.6     | 0.94  | 90        | 73.1594 | 54.1376 |
| 2009 | 6     | 6   | 21   | 50     | 28     | 0.3       | 1.6     | 1.04  | 89.5      | 73.1594 | 56.3673 |
| 2009 | 6     | 6   | 22   | 5      | 28     | 0.3       | 1.6     | 0.95  | 91.2      | 73.1594 | 54.2969 |
| 2009 | 6     | 6   | 22   | 20     | 28     | 0.3       | 1.6     | 1     | 90.7      | 73.1594 | 55.571  |
| 2009 | 6     | 6   | 22   | 35     | 28     | 0.3       | 1.6     | 1.03  | 91.1      | 73.1594 | 56.2877 |
| 2009 | 6     | 6   | 22   | 50     | 28     | 0.3       | 1.6     | 0.95  | 90.8      | 73.2856 | 54.4913 |
| 2009 | 6     | 6   | 23   | 5      | 28     | 0.3       | 1.6     | 0.98  | 90.4      | 73.1594 | 55.0136 |
| 2009 | 6     | 6   | 23   | 20     | 28     | 0.3       | 1.6     | 0.99  | 92.5      | 73.2856 | 55.2099 |
| 2009 | 6     | 6   | 23   | 35     | 28     | 0.3       | 1.6     | 0.96  | 90.8      | 73.2856 | 54.7309 |
| 2009 | 6     | 6   | 23   | 50     | 28     | 0.3       | 1.6     | 0.9   | 91.2      | 73.2856 | 53.2138 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 7   | 0    | 5      | 28     | 0.3       | 1.6     | 0.96  | 90.2      | 73.2856 | 54.5712 |
| 2009 | 6     | 7   | 0    | 20     | 28     | 0.3       | 1.6     | 0.91  | 90.8      | 73.2856 | 53.2937 |
| 2009 | 6     | 7   | 0    | 35     | 28     | 0.3       | 1.6     | 0.98  | 90.8      | 73.2856 | 55.2099 |
| 2009 | 6     | 7   | 0    | 50     | 28     | 0.3       | 1.6     | 0.93  | 90        | 73.4118 | 53.9659 |
| 2009 | 6     | 7   | 1    | 5      | 28     | 0.3       | 1.6     | 0.97  | 91.2      | 73.4118 | 55.0866 |
| 2009 | 6     | 7   | 1    | 20     | 28     | 0.3       | 1.6     | 1     | 90        | 73.4118 | 55.647  |
| 2009 | 6     | 7   | 1    | 35     | 28     | 0.3       | 1.6     | 1     | 89.6      | 73.5381 | 55.7648 |
| 2009 | 6     | 7   | 1    | 50     | 28     | 0.3       | 1.6     | 0.98  | 90.2      | 73.5381 | 55.4438 |
| 2009 | 6     | 7   | 2    | 5      | 28     | 0.3       | 1.6     | 0.97  | 90.4      | 73.5381 | 55.1227 |
| 2009 | 6     | 7   | 2    | 20     | 28     | 0.3       | 1.6     | 0.95  | 89.2      | 73.5381 | 54.7214 |
| 2009 | 6     | 7   | 2    | 35     | 28     | 0.3       | 1.6     | 0.98  | 90        | 73.6645 | 55.3999 |
| 2009 | 6     | 7   | 2    | 50     | 28     | 0.3       | 1.6     | 0.98  | 92.3      | 73.6645 | 55.4804 |
| 2009 | 6     | 7   | 3    | 5      | 28     | 0.3       | 1.6     | 0.99  | 90        | 73.7909 | 55.9201 |
| 2009 | 6     | 7   | 3    | 20     | 28     | 0.3       | 1.6     | 0.97  | 90.4      | 73.9174 | 55.5527 |
| 2009 | 6     | 7   | 3    | 35     | 28     | 0.3       | 1.6     | 0.97  | 90        | 74.044  | 55.6695 |
| 2009 | 6     | 7   | 3    | 50     | 28     | 0.3       | 1.6     | 0.95  | 90.4      | 74.1706 | 55.2173 |
| 2009 | 6     | 7   | 4    | 5      | 28     | 0.3       | 1.6     | 1     | 91.7      | 74.044  | 56.2373 |
| 2009 | 6     | 7   | 4    | 20     | 28     | 0.3       | 1.6     | 0.98  | 90.2      | 74.1706 | 55.9491 |
| 2009 | 6     | 7   | 4    | 35     | 28     | 0.3       | 1.6     | 1.03  | 91.3      | 74.1706 | 57.0876 |
| 2009 | 6     | 7   | 4    | 50     | 28     | 0.3       | 1.6     | 0.98  | 90.8      | 74.1706 | 56.0304 |
| 2009 | 6     | 7   | 5    | 5      | 28     | 0.3       | 1.6     | 1     | 89.6      | 74.1706 | 56.437  |
| 2009 | 6     | 7   | 5    | 20     | 28     | 0.3       | 1.6     | 0.99  | 90.8      | 74.2973 | 56.3113 |
| 2009 | 6     | 7   | 5    | 35     | 28     | 0.3       | 1.6     | 1     | 91.3      | 74.2973 | 56.5558 |
| 2009 | 6     | 7   | 5    | 50     | 28     | 0.3       | 1.6     | 0.99  | 89.2      | 74.2973 | 56.3928 |
| 2009 | 6     | 7   | 6    | 5      | 28     | 0.3       | 1.6     | 1.03  | 90.7      | 74.2973 | 57.2081 |
| 2009 | 6     | 7   | 6    | 20     | 28     | 0.3       | 1.6     | 0.98  | 90.8      | 74.2973 | 55.9851 |
| 2009 | 6     | 7   | 6    | 35     | 28     | 0.3       | 1.6     | 0.99  | 90.2      | 74.2973 | 56.2297 |
| 2009 | 6     | 7   | 6    | 50     | 28     | 0.3       | 1.6     | 0.99  | 90.8      | 74.2973 | 56.2297 |
| 2009 | 6     | 7   | 7    | 5      | 28     | 0.3       | 1.6     | 1     | 90        | 74.2973 | 56.5558 |
| 2009 | 6     | 7   | 7    | 20     | 28     | 0.3       | 1.6     | 0.95  | 90        | 74.2973 | 55.3329 |
| 2009 | 6     | 7   | 7    | 35     | 28     | 0.3       | 1.6     | 1     | 91.1      | 74.2973 | 56.5558 |
| 2009 | 6     | 7   | 7    | 50     | 28     | 0.3       | 1.6     | 0.98  | 91.7      | 74.2973 | 55.9851 |
| 2009 | 6     | 7   | 8    | 5      | 28     | 0.3       | 1.6     | 1     | 90        | 74.2973 | 56.6374 |
| 2009 | 6     | 7   | 8    | 20     | 28     | 0.3       | 1.6     | 0.95  | 91        | 74.2973 | 55.4144 |
| 2009 | 6     | 7   | 8    | 35     | 28     | 0.3       | 1.6     | 1     | 90.7      | 74.2973 | 56.6374 |
| 2009 | 6     | 7   | 8    | 50     | 28     | 0.3       | 1.6     | 0.95  | 88.8      | 74.2973 | 55.2513 |
| 2009 | 6     | 7   | 9    | 5      | 28     | 0.3       | 1.6     | 0.98  | 90.6      | 74.2973 | 56.0667 |
| 2009 | 6     | 7   | 9    | 20     | 28     | 0.3       | 1.6     | 0.95  | 91.4      | 74.2973 | 55.3329 |
| 2009 | 6     | 7   | 9    | 35     | 28     | 0.3       | 1.6     | 0.94  | 90.2      | 74.1706 | 55.0546 |
| 2009 | 6     | 7   | 9    | 50     | 28     | 0.3       | 1.6     | 0.95  | 91.8      | 74.1706 | 55.1359 |
| 2009 | 6     | 7   | 10   | 5      | 28     | 0.3       | 1.6     | 0.99  | 91.1      | 74.1706 | 56.1118 |
| 2009 | 6     | 7   | 10   | 20     | 28     | 0.3       | 1.6     | 0.94  | 91        | 74.1706 | 54.8106 |
| 2009 | 6     | 7   | 10   | 35     | 28     | 0.3       | 1.6     | 0.97  | 91        | 74.1706 | 55.6239 |
| 2009 | 6     | 7   | 10   | 50     | 28     | 0.3       | 1.6     | 1.01  | 90.7      | 74.044  | 56.4806 |
| 2009 | 6     | 7   | 11   | 5      | 28     | 0.3       | 1.6     | 0.96  | 90.4      | 74.044  | 55.4262 |
| 2009 | 6     | 7   | 11   | 20     | 28     | 0.3       | 1.6     | 1.02  | 91.7      | 74.044  | 56.7239 |
| 2009 | 6     | 7   | 11   | 35     | 28     | 0.3       | 1.6     | 1.03  | 93.1      | 73.9174 | 56.8471 |
| 2009 | 6     | 7   | 11   | 50     | 28     | 0.3       | 1.6     | 0.93  | 90.2      | 73.6645 | 54.1928 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 7   | 12   | 5      | 28     | 0.3       | 1.6     | 1.01  | 90.7      | 73.6645 | 56.2046 |
| 2009 | 6     | 7   | 12   | 20     | 28     | 0.3       | 1.6     | 1.01  | 91.1      | 73.5381 | 56.0859 |
| 2009 | 6     | 7   | 12   | 35     | 28     | 0.3       | 1.6     | 1.01  | 91.5      | 73.4118 | 55.9672 |
| 2009 | 6     | 7   | 12   | 50     | 28     | 0.3       | 1.6     | 0.99  | 91.5      | 73.5381 | 55.6043 |
| 2009 | 6     | 7   | 13   | 5      | 28     | 0.3       | 1.6     | 1.02  | 89.6      | 73.5381 | 56.4069 |
| 2009 | 6     | 7   | 13   | 20     | 28     | 0.3       | 1.6     | 1     | 88.7      | 73.4118 | 55.8071 |
| 2009 | 6     | 7   | 13   | 35     | 28     | 0.3       | 1.6     | 1.02  | 92.9      | 73.4118 | 56.2874 |
| 2009 | 6     | 7   | 13   | 50     | 28     | 0.3       | 1.6     | 1.01  | 90        | 73.4118 | 55.9672 |
| 2009 | 6     | 7   | 14   | 5      | 28     | 0.3       | 1.6     | 0.99  | 90.4      | 73.4118 | 55.4068 |
| 2009 | 6     | 7   | 14   | 20     | 28     | 0.3       | 1.6     | 0.99  | 88.7      | 73.2856 | 55.2898 |
| 2009 | 6     | 7   | 14   | 35     | 28     | 0.3       | 1.6     | 0.98  | 90.2      | 73.2856 | 55.2099 |
| 2009 | 6     | 7   | 14   | 50     | 28     | 0.3       | 1.6     | 1.02  | 88.3      | 73.2856 | 56.168  |
| 2009 | 6     | 7   | 15   | 5      | 28     | 0.3       | 1.6     | 1.04  | 90.4      | 73.2856 | 56.6471 |
| 2009 | 6     | 7   | 15   | 20     | 28     | 0.3       | 1.6     | 0.97  | 91.9      | 73.1594 | 54.695  |
| 2009 | 6     | 7   | 15   | 35     | 28     | 0.3       | 1.6     | 1.02  | 90.7      | 73.1594 | 55.9692 |
| 2009 | 6     | 7   | 15   | 50     | 28     | 0.3       | 1.6     | 1.04  | 89.3      | 73.1594 | 56.447  |
| 2009 | 6     | 7   | 16   | 5      | 28     | 0.3       | 1.6     | 1     | 90.2      | 73.1594 | 55.4117 |
| 2009 | 6     | 7   | 16   | 20     | 28     | 0.3       | 1.6     | 1.02  | 88.9      | 73.1594 | 55.9692 |
| 2009 | 6     | 7   | 16   | 35     | 28     | 0.3       | 1.6     | 1.03  | 87.8      | 73.0333 | 56.0091 |
| 2009 | 6     | 7   | 16   | 50     | 28     | 0.3       | 1.6     | 1.03  | 89.6      | 73.0333 | 56.0091 |
| 2009 | 6     | 7   | 17   | 5      | 28     | 0.3       | 1.6     | 1.01  | 90        | 72.9072 | 55.4146 |
| 2009 | 6     | 7   | 17   | 20     | 28     | 0.3       | 1.6     | 1.01  | 89.4      | 72.7813 | 55.2968 |
| 2009 | 6     | 7   | 17   | 35     | 28     | 0.3       | 1.6     | 1.02  | 88.3      | 72.5295 | 55.3759 |
| 2009 | 6     | 7   | 17   | 50     | 28     | 0.3       | 1.6     | 1.03  | 88.9      | 72.5295 | 55.6116 |
| 2009 | 6     | 7   | 18   | 5      | 28     | 0.3       | 1.6     | 1.03  | 89.6      | 72.4037 | 55.4144 |
| 2009 | 6     | 7   | 18   | 20     | 28     | 0.3       | 1.6     | 1.04  | 90.2      | 72.4037 | 55.7279 |
| 2009 | 6     | 7   | 18   | 35     | 28     | 0.3       | 1.6     | 1.04  | 90.4      | 72.278  | 55.6867 |
| 2009 | 6     | 7   | 18   | 50     | 28     | 0.3       | 1.6     | 1     | 89.6      | 72.278  | 54.7486 |
| 2009 | 6     | 7   | 19   | 5      | 28     | 0.3       | 1.6     | 1.02  | 90.7      | 72.278  | 55.0613 |
| 2009 | 6     | 7   | 19   | 20     | 28     | 0.3       | 1.6     | 1.02  | 88.5      | 72.278  | 55.1395 |
| 2009 | 6     | 7   | 19   | 35     | 28     | 0.3       | 1.6     | 1.03  | 88.9      | 72.1523 | 55.3333 |
| 2009 | 6     | 7   | 19   | 50     | 28     | 0.3       | 1.6     | 1.01  | 89.8      | 72.1523 | 54.7095 |
| 2009 | 6     | 7   | 20   | 5      | 28     | 0.3       | 1.6     | 1     | 90.2      | 72.1523 | 54.4756 |
| 2009 | 6     | 7   | 20   | 20     | 28     | 0.3       | 1.6     | 0.99  | 90.8      | 72.1523 | 54.3197 |
| 2009 | 6     | 7   | 20   | 35     | 28     | 0.3       | 1.6     | 0.98  | 89.6      | 72.1523 | 54.1638 |
| 2009 | 6     | 7   | 20   | 50     | 28     | 0.3       | 1.6     | 1.04  | 90        | 72.0267 | 55.4478 |
| 2009 | 6     | 7   | 21   | 5      | 28     | 0.3       | 1.6     | 1     | 89.1      | 72.0267 | 54.437  |
| 2009 | 6     | 7   | 21   | 20     | 28     | 0.3       | 1.6     | 1.01  | 89.3      | 72.0267 | 54.5925 |
| 2009 | 6     | 7   | 21   | 35     | 28     | 0.3       | 1.6     | 1.02  | 89.8      | 72.0267 | 54.9035 |
| 2009 | 6     | 7   | 21   | 50     | 28     | 0.3       | 1.6     | 1     | 90.6      | 72.0267 | 54.5147 |
| 2009 | 6     | 7   | 22   | 5      | 28     | 0.3       | 1.6     | 1.02  | 90        | 71.9012 | 54.7082 |
| 2009 | 6     | 7   | 22   | 20     | 28     | 0.3       | 1.6     | 1.03  | 90.4      | 71.9012 | 55.096  |
| 2009 | 6     | 7   | 22   | 35     | 28     | 0.3       | 1.6     | 0.97  | 90.6      | 71.9012 | 53.6225 |
| 2009 | 6     | 7   | 22   | 50     | 28     | 0.3       | 1.6     | 0.98  | 89.6      | 71.9012 | 53.7776 |
| 2009 | 6     | 7   | 23   | 5      | 28     | 0.3       | 1.6     | 1.04  | 89.8      | 71.9012 | 55.2511 |
| 2009 | 6     | 7   | 23   | 20     | 28     | 0.3       | 1.6     | 0.99  | 90.8      | 71.9012 | 54.1653 |
| 2009 | 6     | 7   | 23   | 35     | 28     | 0.3       | 1.6     | 1.01  | 89.1      | 71.9012 | 54.5531 |
| 2009 | 6     | 7   | 23   | 50     | 28     | 0.3       | 1.6     | 0.99  | 90.4      | 71.9012 | 54.1653 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 8   | 0    | 5      | 28     | 0.3       | 1.6     | 0.99  | 90.2      | 71.9012 | 54.0878 |
| 2009 | 6     | 8   | 0    | 20     | 28     | 0.3       | 1.6     | 0.96  | 89        | 71.9012 | 53.3898 |
| 2009 | 6     | 8   | 0    | 35     | 28     | 0.3       | 1.6     | 0.97  | 89.2      | 71.7757 | 53.5853 |
| 2009 | 6     | 8   | 0    | 50     | 28     | 0.3       | 1.6     | 1.02  | 89.3      | 71.7757 | 54.5908 |
| 2009 | 6     | 8   | 1    | 5      | 28     | 0.3       | 1.6     | 0.97  | 90        | 71.7757 | 53.5079 |
| 2009 | 6     | 8   | 1    | 20     | 28     | 0.3       | 1.6     | 1     | 91.3      | 71.7757 | 54.2814 |
| 2009 | 6     | 8   | 1    | 35     | 28     | 0.3       | 1.6     | 0.97  | 89.2      | 71.7757 | 53.4306 |
| 2009 | 6     | 8   | 1    | 50     | 28     | 0.3       | 1.6     | 1     | 90.9      | 71.7757 | 54.204  |
| 2009 | 6     | 8   | 2    | 5      | 28     | 0.3       | 1.6     | 1.01  | 89.6      | 71.7757 | 54.4361 |
| 2009 | 6     | 8   | 2    | 20     | 28     | 0.3       | 1.6     | 0.98  | 89.8      | 71.7757 | 53.74   |
| 2009 | 6     | 8   | 2    | 35     | 28     | 0.3       | 1.6     | 1     | 90.8      | 71.7757 | 54.1267 |
| 2009 | 6     | 8   | 2    | 50     | 28     | 0.3       | 1.6     | 0.95  | 89.6      | 71.6503 | 52.9306 |
| 2009 | 6     | 8   | 3    | 5      | 28     | 0.3       | 1.6     | 0.95  | 90        | 71.6503 | 53.0077 |
| 2009 | 6     | 8   | 3    | 20     | 28     | 0.3       | 1.6     | 0.98  | 90        | 71.6503 | 53.6249 |
| 2009 | 6     | 8   | 3    | 35     | 28     | 0.3       | 1.6     | 0.97  | 88.2      | 71.6503 | 53.2392 |
| 2009 | 6     | 8   | 3    | 50     | 28     | 0.3       | 1.6     | 0.98  | 87.7      | 71.6503 | 53.5477 |
| 2009 | 6     | 8   | 4    | 5      | 28     | 0.3       | 1.6     | 1.01  | 89.1      | 71.6503 | 54.242  |
| 2009 | 6     | 8   | 4    | 20     | 28     | 0.3       | 1.6     | 1     | 88.5      | 71.6503 | 54.1649 |
| 2009 | 6     | 8   | 4    | 35     | 28     | 0.3       | 1.6     | 1.04  | 90.9      | 71.6503 | 54.9363 |
| 2009 | 6     | 8   | 4    | 50     | 28     | 0.3       | 1.6     | 0.97  | 89        | 71.525  | 53.2792 |
| 2009 | 6     | 8   | 5    | 5      | 28     | 0.3       | 1.6     | 0.99  | 88.5      | 71.525  | 53.8177 |
| 2009 | 6     | 8   | 5    | 20     | 28     | 0.3       | 1.6     | 1.01  | 90        | 71.525  | 54.1254 |
| 2009 | 6     | 8   | 5    | 35     | 28     | 0.3       | 1.6     | 1     | 90.9      | 71.525  | 54.0485 |
| 2009 | 6     | 8   | 5    | 50     | 28     | 0.3       | 1.6     | 0.98  | 90        | 71.3997 | 53.4719 |
| 2009 | 6     | 8   | 6    | 5      | 28     | 0.3       | 1.6     | 0.97  | 90.2      | 71.3997 | 53.165  |
| 2009 | 6     | 8   | 6    | 20     | 28     | 0.3       | 1.6     | 1     | 90        | 71.3997 | 53.8555 |
| 2009 | 6     | 8   | 6    | 35     | 28     | 0.3       | 1.6     | 0.98  | 87.9      | 71.3997 | 53.3952 |
| 2009 | 6     | 8   | 6    | 50     | 28     | 0.3       | 1.6     | 1     | 88.5      | 71.3997 | 53.8555 |
| 2009 | 6     | 8   | 7    | 5      | 28     | 0.3       | 1.6     | 0.96  | 89.8      | 71.3997 | 52.9348 |
| 2009 | 6     | 8   | 7    | 20     | 28     | 0.3       | 1.6     | 0.97  | 88.1      | 71.3997 | 53.0115 |
| 2009 | 6     | 8   | 7    | 35     | 28     | 0.3       | 1.6     | 1.02  | 89.6      | 71.3997 | 54.2392 |
| 2009 | 6     | 8   | 7    | 50     | 28     | 0.3       | 1.6     | 0.96  | 90.2      | 71.3997 | 52.9348 |
| 2009 | 6     | 8   | 8    | 5      | 28     | 0.3       | 1.6     | 1.04  | 90.5      | 71.3997 | 54.7763 |
| 2009 | 6     | 8   | 8    | 20     | 28     | 0.3       | 1.6     | 0.99  | 90.2      | 71.3997 | 53.7021 |
| 2009 | 6     | 8   | 8    | 35     | 28     | 0.3       | 1.6     | 0.98  | 90        | 71.3997 | 53.3952 |
| 2009 | 6     | 8   | 8    | 50     | 28     | 0.3       | 1.6     | 0.96  | 91.6      | 71.3997 | 52.7813 |
| 2009 | 6     | 8   | 9    | 5      | 28     | 0.3       | 1.6     | 1.01  | 88.7      | 71.3997 | 54.0857 |
| 2009 | 6     | 8   | 9    | 20     | 28     | 0.3       | 1.6     | 0.97  | 90        | 71.3997 | 53.2417 |
| 2009 | 6     | 8   | 9    | 35     | 28     | 0.3       | 1.6     | 1     | 88.5      | 71.3997 | 53.7788 |
| 2009 | 6     | 8   | 9    | 50     | 28     | 0.3       | 1.6     | 1     | 91.5      | 71.2744 | 53.8161 |
| 2009 | 6     | 8   | 10   | 5      | 28     | 0.3       | 1.6     | 0.97  | 90.8      | 71.3997 | 53.0882 |
| 2009 | 6     | 8   | 10   | 20     | 28     | 0.3       | 1.6     | 1.02  | 91.3      | 71.2744 | 54.2753 |
| 2009 | 6     | 8   | 10   | 35     | 28     | 0.3       | 1.6     | 1.03  | 88.2      | 71.2744 | 54.4283 |
| 2009 | 6     | 8   | 10   | 50     | 28     | 0.3       | 1.6     | 1.01  | 89.3      | 71.2744 | 53.8927 |
| 2009 | 6     | 8   | 11   | 5      | 28     | 0.3       | 1.6     | 0.98  | 88.7      | 71.2744 | 53.2804 |
| 2009 | 6     | 8   | 11   | 20     | 28     | 0.3       | 1.6     | 1.02  | 90.2      | 71.2744 | 54.1222 |
| 2009 | 6     | 8   | 11   | 35     | 28     | 0.3       | 1.6     | 1.05  | 90.7      | 71.1493 | 54.6923 |
| 2009 | 6     | 8   | 11   | 50     | 28     | 0.3       | 1.6     | 1.01  | 88.5      | 71.0242 | 53.6604 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 8   | 12   | 5      | 28     | 0.3       | 1.6     | 1.02  | 90        | 70.8992 | 53.8481 |
| 2009 | 6     | 8   | 12   | 20     | 28     | 0.3       | 1.6     | 1     | 87.7      | 70.7742 | 53.2015 |
| 2009 | 6     | 8   | 12   | 35     | 28     | 0.3       | 1.6     | 0.99  | 89.1      | 70.7742 | 53.1258 |
| 2009 | 6     | 8   | 12   | 50     | 28     | 0.3       | 1.6     | 0.96  | 88.6      | 70.7742 | 52.4444 |
| 2009 | 6     | 8   | 13   | 5      | 28     | 0.3       | 1.6     | 1.03  | 86.5      | 70.7742 | 53.8829 |
| 2009 | 6     | 8   | 13   | 20     | 28     | 0.3       | 1.6     | 1     | 87.5      | 70.6493 | 53.0109 |
| 2009 | 6     | 8   | 13   | 35     | 28     | 0.3       | 1.6     | 0.97  | 88.3      | 70.6493 | 52.4823 |
| 2009 | 6     | 8   | 13   | 50     | 28     | 0.3       | 1.6     | 0.96  | 89.4      | 70.6493 | 52.3313 |
| 2009 | 6     | 8   | 14   | 5      | 28     | 0.3       | 1.6     | 0.98  | 87.9      | 70.6493 | 52.7089 |
| 2009 | 6     | 8   | 14   | 20     | 28     | 0.3       | 1.6     | 0.98  | 87.5      | 70.6493 | 52.5578 |
| 2009 | 6     | 8   | 14   | 35     | 28     | 0.3       | 1.6     | 1.04  | 88.9      | 70.6493 | 54.068  |
| 2009 | 6     | 8   | 14   | 50     | 28     | 0.3       | 1.6     | 0.98  | 89        | 70.5245 | 52.6702 |
| 2009 | 6     | 8   | 15   | 5      | 28     | 0.3       | 1.6     | 0.96  | 90        | 70.5245 | 52.0678 |
| 2009 | 6     | 8   | 15   | 20     | 28     | 0.3       | 1.6     | 1.04  | 86.9      | 70.5245 | 53.875  |
| 2009 | 6     | 8   | 15   | 35     | 28     | 0.3       | 1.6     | 1.01  | 88.9      | 70.5245 | 53.3479 |
| 2009 | 6     | 8   | 15   | 50     | 28     | 0.3       | 1.6     | 1     | 87.7      | 70.5245 | 52.9714 |
| 2009 | 6     | 8   | 16   | 5      | 28     | 0.3       | 1.6     | 1.01  | 89.1      | 70.5245 | 53.1973 |
| 2009 | 6     | 8   | 16   | 20     | 28     | 0.3       | 1.6     | 1     | 87.9      | 70.5245 | 52.9714 |
| 2009 | 6     | 8   | 16   | 35     | 28     | 0.3       | 1.6     | 1.01  | 90        | 70.5245 | 53.1973 |
| 2009 | 6     | 8   | 16   | 50     | 28     | 0.3       | 1.6     | 1.01  | 89.3      | 70.5245 | 53.2726 |
| 2009 | 6     | 8   | 17   | 5      | 28     | 0.3       | 1.6     | 1     | 87.7      | 70.5245 | 52.9714 |
| 2009 | 6     | 8   | 17   | 20     | 28     | 0.3       | 1.6     | 1.01  | 88.5      | 70.3997 | 53.232  |
| 2009 | 6     | 8   | 17   | 35     | 28     | 0.3       | 1.6     | 1.03  | 88.2      | 70.3997 | 53.6827 |
| 2009 | 6     | 8   | 17   | 50     | 28     | 0.3       | 1.6     | 1.02  | 88.5      | 70.5245 | 53.4985 |
| 2009 | 6     | 8   | 18   | 5      | 28     | 0.3       | 1.6     | 0.96  | 89.2      | 70.5245 | 52.0678 |
| 2009 | 6     | 8   | 18   | 20     | 28     | 0.3       | 1.6     | 1.03  | 90.7      | 70.5245 | 53.7244 |
| 2009 | 6     | 8   | 18   | 35     | 28     | 0.3       | 1.6     | 1.03  | 88.2      | 70.5245 | 53.6491 |
| 2009 | 6     | 8   | 18   | 50     | 28     | 0.3       | 1.6     | 1     | 89.1      | 70.5245 | 53.0467 |
| 2009 | 6     | 8   | 19   | 5      | 28     | 0.3       | 1.6     | 0.9   | 90        | 70.3997 | 50.6035 |
| 2009 | 6     | 8   | 19   | 20     | 28     | 0.3       | 1.6     | 0.84  | 89.3      | 70.275  | 49.2216 |
| 2009 | 6     | 8   | 19   | 35     | 28     | 0.3       | 1.6     | 0.85  | 87.1      | 70.3997 | 49.5521 |
| 2009 | 6     | 8   | 19   | 50     | 28     | 0.3       | 1.6     | 0.87  | 88.1      | 70.3997 | 49.9276 |
| 2009 | 6     | 8   | 20   | 5      | 28     | 0.3       | 1.6     | 0.85  | 88        | 70.3997 | 49.5521 |
| 2009 | 6     | 8   | 20   | 20     | 28     | 0.3       | 1.6     | 0.91  | 90.2      | 70.3997 | 50.9039 |
| 2009 | 6     | 8   | 20   | 35     | 28     | 0.3       | 1.6     | 0.82  | 88.9      | 70.3997 | 48.8762 |
| 2009 | 6     | 8   | 20   | 50     | 28     | 0.3       | 1.6     | 0.86  | 90.9      | 70.3997 | 49.6272 |
| 2009 | 6     | 8   | 21   | 5      | 28     | 0.3       | 1.6     | 0.85  | 89.3      | 70.3997 | 49.4019 |
| 2009 | 6     | 8   | 21   | 20     | 28     | 0.3       | 1.6     | 0.89  | 88.1      | 70.3997 | 50.3782 |
| 2009 | 6     | 8   | 21   | 35     | 28     | 0.3       | 1.6     | 0.87  | 88.3      | 70.3997 | 50.0027 |
| 2009 | 6     | 8   | 21   | 50     | 28     | 0.3       | 1.6     | 0.85  | 88.7      | 70.3997 | 49.5521 |
| 2009 | 6     | 8   | 22   | 5      | 28     | 0.3       | 1.6     | 0.87  | 91.3      | 70.3997 | 50.0027 |
| 2009 | 6     | 8   | 22   | 20     | 28     | 0.3       | 1.6     | 0.86  | 91.1      | 70.3997 | 49.6272 |
| 2009 | 6     | 8   | 22   | 35     | 28     | 0.3       | 1.6     | 0.91  | 90.8      | 70.3997 | 50.7537 |
| 2009 | 6     | 8   | 22   | 50     | 28     | 0.3       | 1.6     | 0.87  | 90.2      | 70.3997 | 49.9276 |
| 2009 | 6     | 8   | 23   | 5      | 28     | 0.3       | 1.6     | 0.94  | 92.6      | 70.3997 | 51.4296 |
| 2009 | 6     | 8   | 23   | 20     | 28     | 0.3       | 1.6     | 0.87  | 91.7      | 70.3997 | 49.9276 |
| 2009 | 6     | 8   | 23   | 35     | 28     | 0.3       | 1.6     | 0.91  | 90        | 70.5245 | 50.8629 |
| 2009 | 6     | 8   | 23   | 50     | 28     | 0.3       | 1.6     | 0.92  | 90.6      | 70.5245 | 51.1642 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 9   | 0    | 5      | 28     | 0.3       | 1.6     | 0.87  | 89.8      | 70.5245 | 50.1099 |
| 2009 | 6     | 9   | 0    | 20     | 28     | 0.3       | 1.6     | 0.91  | 87.9      | 70.5245 | 50.9382 |
| 2009 | 6     | 9   | 0    | 35     | 28     | 0.3       | 1.6     | 0.94  | 90        | 70.5245 | 51.5407 |
| 2009 | 6     | 9   | 0    | 50     | 28     | 0.3       | 1.6     | 0.96  | 89.4      | 70.5245 | 52.2184 |
| 2009 | 6     | 9   | 1    | 5      | 28     | 0.3       | 1.6     | 0.94  | 90.6      | 70.5245 | 51.5407 |
| 2009 | 6     | 9   | 1    | 20     | 28     | 0.3       | 1.6     | 0.9   | 89        | 70.5245 | 50.7876 |
| 2009 | 6     | 9   | 1    | 35     | 28     | 0.3       | 1.6     | 0.92  | 90.8      | 70.5245 | 51.1642 |
| 2009 | 6     | 9   | 1    | 50     | 28     | 0.3       | 1.6     | 0.93  | 88.8      | 70.5245 | 51.4654 |
| 2009 | 6     | 9   | 2    | 5      | 28     | 0.3       | 1.6     | 0.96  | 90        | 70.5245 | 52.0678 |
| 2009 | 6     | 9   | 2    | 20     | 28     | 0.3       | 1.6     | 0.92  | 89.6      | 70.5245 | 51.1642 |
| 2009 | 6     | 9   | 2    | 35     | 28     | 0.3       | 1.6     | 0.98  | 88.5      | 70.5245 | 52.5949 |
| 2009 | 6     | 9   | 2    | 50     | 28     | 0.3       | 1.6     | 0.92  | 90        | 70.5245 | 51.1642 |
| 2009 | 6     | 9   | 3    | 5      | 28     | 0.3       | 1.6     | 0.96  | 89.4      | 70.5245 | 52.2184 |
| 2009 | 6     | 9   | 3    | 20     | 28     | 0.3       | 1.6     | 0.9   | 87.7      | 70.5245 | 50.7123 |
| 2009 | 6     | 9   | 3    | 35     | 28     | 0.3       | 1.6     | 0.95  | 91.8      | 70.5245 | 51.7666 |
| 2009 | 6     | 9   | 3    | 50     | 28     | 0.3       | 1.6     | 0.88  | 90        | 70.5245 | 50.3358 |
| 2009 | 6     | 9   | 4    | 5      | 28     | 0.3       | 1.6     | 0.97  | 90.8      | 70.5245 | 52.4443 |
| 2009 | 6     | 9   | 4    | 20     | 28     | 0.3       | 1.6     | 0.97  | 88.5      | 70.6493 | 52.5578 |
| 2009 | 6     | 9   | 4    | 35     | 28     | 0.3       | 1.6     | 0.97  | 90        | 70.5245 | 52.2937 |
| 2009 | 6     | 9   | 4    | 50     | 28     | 0.3       | 1.6     | 0.94  | 89.4      | 70.5245 | 51.616  |
| 2009 | 6     | 9   | 5    | 5      | 28     | 0.3       | 1.6     | 0.96  | 90        | 70.5245 | 52.2184 |
| 2009 | 6     | 9   | 5    | 20     | 28     | 0.3       | 1.6     | 0.91  | 90        | 70.6493 | 51.0477 |
| 2009 | 6     | 9   | 5    | 35     | 28     | 0.3       | 1.6     | 0.98  | 89.4      | 70.5245 | 52.5196 |
| 2009 | 6     | 9   | 5    | 50     | 28     | 0.3       | 1.6     | 0.94  | 88.8      | 70.6493 | 51.8028 |
| 2009 | 6     | 9   | 6    | 5      | 28     | 0.3       | 1.6     | 1.03  | 90        | 70.6493 | 53.7659 |
| 2009 | 6     | 9   | 6    | 20     | 28     | 0.3       | 1.6     | 0.96  | 92.5      | 70.6493 | 52.2558 |
| 2009 | 6     | 9   | 6    | 35     | 28     | 0.3       | 1.6     | 0.95  | 89.6      | 70.6493 | 52.1048 |
| 2009 | 6     | 9   | 6    | 50     | 28     | 0.3       | 1.6     | 0.91  | 89.6      | 70.5245 | 51.0135 |
| 2009 | 6     | 9   | 7    | 5      | 28     | 0.3       | 1.6     | 0.89  | 93        | 70.6493 | 50.5192 |
| 2009 | 6     | 9   | 7    | 20     | 28     | 0.3       | 1.6     | 0.93  | 90.6      | 70.6493 | 51.5008 |
| 2009 | 6     | 9   | 7    | 35     | 28     | 0.3       | 1.6     | 0.92  | 90        | 70.6493 | 51.3498 |
| 2009 | 6     | 9   | 7    | 50     | 28     | 0.3       | 1.6     | 0.95  | 91.8      | 70.6493 | 51.9538 |
| 2009 | 6     | 9   | 8    | 5      | 28     | 0.3       | 1.6     | 0.91  | 88.3      | 70.7742 | 51.1573 |
| 2009 | 6     | 9   | 8    | 20     | 28     | 0.3       | 1.6     | 0.95  | 91        | 70.6493 | 51.8783 |
| 2009 | 6     | 9   | 8    | 35     | 28     | 0.3       | 1.6     | 0.95  | 91        | 70.7742 | 52.0658 |
| 2009 | 6     | 9   | 8    | 50     | 28     | 0.3       | 1.6     | 0.89  | 90.2      | 70.6493 | 50.5192 |
| 2009 | 6     | 9   | 9    | 5      | 28     | 0.3       | 1.6     | 0.95  | 88.8      | 70.6493 | 51.8783 |
| 2009 | 6     | 9   | 9    | 20     | 28     | 0.3       | 1.6     | 0.97  | 89.2      | 70.7742 | 52.5201 |
| 2009 | 6     | 9   | 9    | 35     | 28     | 0.3       | 1.6     | 0.98  | 88.9      | 70.6493 | 52.7844 |
| 2009 | 6     | 9   | 9    | 50     | 28     | 0.3       | 1.6     | 0.92  | 91        | 70.7742 | 51.4602 |
| 2009 | 6     | 9   | 10   | 5      | 28     | 0.3       | 1.6     | 0.94  | 90        | 70.6493 | 51.8783 |
| 2009 | 6     | 9   | 10   | 20     | 28     | 0.3       | 1.6     | 0.98  | 91.1      | 70.7742 | 52.8986 |
| 2009 | 6     | 9   | 10   | 35     | 28     | 0.3       | 1.6     | 0.98  | 88.3      | 70.6493 | 52.7089 |
| 2009 | 6     | 9   | 10   | 50     | 28     | 0.3       | 1.6     | 0.96  | 90.6      | 70.6493 | 52.3313 |
| 2009 | 6     | 9   | 11   | 5      | 28     | 0.3       | 1.6     | 0.97  | 89        | 70.6493 | 52.4823 |
| 2009 | 6     | 9   | 11   | 20     | 28     | 0.3       | 1.6     | 0.93  | 90.2      | 70.6493 | 51.4253 |
| 2009 | 6     | 9   | 11   | 35     | 28     | 0.3       | 1.6     | 0.97  | 88.5      | 70.6493 | 52.4823 |
| 2009 | 6     | 9   | 11   | 50     | 28     | 0.3       | 1.6     | 1     | 90.6      | 70.6493 | 53.0864 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 9   | 12   | 5      | 28     | 0.3       | 1.6     | 1.01  | 88.9      | 70.6493 | 53.3129 |
| 2009 | 6     | 9   | 12   | 20     | 28     | 0.3       | 1.6     | 0.99  | 89.8      | 70.6493 | 52.8599 |
| 2009 | 6     | 9   | 12   | 35     | 28     | 0.3       | 1.6     | 0.94  | 90.2      | 70.6493 | 51.8783 |
| 2009 | 6     | 9   | 12   | 50     | 28     | 0.3       | 1.6     | 0.95  | 88        | 70.6493 | 51.9538 |
| 2009 | 6     | 9   | 13   | 5      | 28     | 0.3       | 1.6     | 0.99  | 87.5      | 70.6493 | 52.8599 |
| 2009 | 6     | 9   | 13   | 20     | 28     | 0.3       | 1.6     | 0.93  | 89.4      | 70.6493 | 51.5763 |
| 2009 | 6     | 9   | 13   | 35     | 28     | 0.3       | 1.6     | 0.98  | 88.3      | 70.6493 | 52.7089 |
| 2009 | 6     | 9   | 13   | 50     | 28     | 0.3       | 1.6     | 0.98  | 89        | 70.6493 | 52.7844 |
| 2009 | 6     | 9   | 14   | 5      | 28     | 0.3       | 1.6     | 1     | 87.2      | 70.6493 | 53.1619 |
| 2009 | 6     | 9   | 14   | 20     | 28     | 0.3       | 1.6     | 1.01  | 87.4      | 70.5245 | 53.2726 |
| 2009 | 6     | 9   | 14   | 35     | 28     | 0.3       | 1.6     | 0.97  | 89.4      | 70.5245 | 52.2937 |
| 2009 | 6     | 9   | 14   | 50     | 28     | 0.3       | 1.6     | 0.94  | 87.2      | 70.5245 | 51.5407 |
| 2009 | 6     | 9   | 15   | 5      | 28     | 0.3       | 1.6     | 0.99  | 88.3      | 70.6493 | 52.9354 |
| 2009 | 6     | 9   | 15   | 20     | 28     | 0.3       | 1.6     | 0.98  | 87.3      | 70.6493 | 52.5578 |
| 2009 | 6     | 9   | 15   | 35     | 28     | 0.3       | 1.6     | 0.93  | 90.4      | 70.6493 | 51.5008 |
| 2009 | 6     | 9   | 15   | 50     | 28     | 0.3       | 1.6     | 0.96  | 87.6      | 70.5245 | 52.0678 |
| 2009 | 6     | 9   | 16   | 5      | 28     | 0.3       | 1.6     | 0.99  | 86.4      | 70.5245 | 52.6702 |
| 2009 | 6     | 9   | 16   | 20     | 28     | 0.3       | 1.6     | 1.01  | 90        | 70.6493 | 53.4639 |
| 2009 | 6     | 9   | 16   | 35     | 28     | 0.3       | 1.6     | 0.97  | 88.1      | 70.5245 | 52.2184 |
| 2009 | 6     | 9   | 16   | 50     | 28     | 0.3       | 1.6     | 0.98  | 88.5      | 70.5245 | 52.5196 |
| 2009 | 6     | 9   | 17   | 5      | 28     | 0.3       | 1.6     | 0.99  | 88.1      | 70.5245 | 52.8208 |
| 2009 | 6     | 9   | 17   | 20     | 28     | 0.3       | 1.6     | 0.96  | 88.2      | 70.5245 | 52.1431 |
| 2009 | 6     | 9   | 17   | 35     | 28     | 0.3       | 1.6     | 0.97  | 88.1      | 70.6493 | 52.5578 |
| 2009 | 6     | 9   | 17   | 50     | 28     | 0.3       | 1.6     | 0.99  | 87.7      | 70.6493 | 52.8599 |
| 2009 | 6     | 9   | 18   | 5      | 28     | 0.3       | 1.6     | 1     | 88.9      | 70.6493 | 53.1619 |
| 2009 | 6     | 9   | 18   | 20     | 28     | 0.3       | 1.6     | 0.96  | 88.2      | 70.6493 | 52.1048 |
| 2009 | 6     | 9   | 18   | 35     | 28     | 0.3       | 1.6     | 0.93  | 89.2      | 70.6493 | 51.5763 |
| 2009 | 6     | 9   | 18   | 50     | 28     | 0.3       | 1.6     | 0.87  | 89.1      | 70.6493 | 50.1417 |
| 2009 | 6     | 9   | 19   | 5      | 28     | 0.3       | 1.6     | 0.87  | 90.9      | 70.5245 | 49.9593 |
| 2009 | 6     | 9   | 19   | 20     | 28     | 0.3       | 1.6     | 0.85  | 87.6      | 70.5245 | 49.6581 |
| 2009 | 6     | 9   | 19   | 35     | 28     | 0.3       | 1.6     | 0.84  | 91.1      | 70.5245 | 49.3569 |
| 2009 | 6     | 9   | 19   | 50     | 28     | 0.3       | 1.6     | 0.9   | 89.8      | 70.6493 | 50.8967 |
| 2009 | 6     | 9   | 20   | 5      | 28     | 0.3       | 1.6     | 0.93  | 90.2      | 70.6493 | 51.4253 |
| 2009 | 6     | 9   | 20   | 20     | 28     | 0.3       | 1.6     | 0.91  | 88.1      | 70.6493 | 51.0477 |
| 2009 | 6     | 9   | 20   | 35     | 28     | 0.3       | 1.6     | 0.88  | 88.3      | 70.6493 | 50.2927 |
| 2009 | 6     | 9   | 20   | 50     | 28     | 0.3       | 1.6     | 0.93  | 89.6      | 70.6493 | 51.4253 |
| 2009 | 6     | 9   | 21   | 5      | 28     | 0.3       | 1.6     | 0.94  | 88.8      | 70.7742 | 51.763  |
| 2009 | 6     | 9   | 21   | 20     | 28     | 0.3       | 1.6     | 0.95  | 90        | 70.6493 | 52.1048 |
| 2009 | 6     | 9   | 21   | 35     | 28     | 0.3       | 1.6     | 0.95  | 88.4      | 70.6493 | 51.8783 |
| 2009 | 6     | 9   | 21   | 50     | 28     | 0.3       | 1.6     | 0.94  | 90.8      | 70.7742 | 51.763  |
| 2009 | 6     | 9   | 22   | 5      | 28     | 0.3       | 1.6     | 0.93  | 88.2      | 70.7742 | 51.5359 |
| 2009 | 6     | 9   | 22   | 20     | 28     | 0.3       | 1.6     | 0.91  | 87.9      | 70.7742 | 51.233  |
| 2009 | 6     | 9   | 22   | 35     | 28     | 0.3       | 1.6     | 0.93  | 88.2      | 70.7742 | 51.5359 |
| 2009 | 6     | 9   | 22   | 50     | 28     | 0.3       | 1.6     | 0.89  | 91.3      | 70.7742 | 50.6274 |
| 2009 | 6     | 9   | 23   | 5      | 28     | 0.3       | 1.6     | 0.96  | 89        | 70.7742 | 52.293  |
| 2009 | 6     | 9   | 23   | 20     | 28     | 0.3       | 1.6     | 0.9   | 90        | 70.8992 | 51.0393 |
| 2009 | 6     | 9   | 23   | 35     | 28     | 0.3       | 1.6     | 0.91  | 85.7      | 70.8992 | 51.3429 |
| 2009 | 6     | 9   | 23   | 50     | 28     | 0.3       | 1.6     | 0.92  | 88.8      | 70.8992 | 51.4948 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 10  | 0    | 5      | 28     | 0.3       | 1.6     | 0.89  | 90        | 70.8992 | 50.8116 |
| 2009 | 6     | 10  | 0    | 20     | 28     | 0.3       | 1.6     | 0.9   | 89        | 70.8992 | 51.0393 |
| 2009 | 6     | 10  | 0    | 35     | 28     | 0.3       | 1.6     | 0.89  | 88.1      | 70.8992 | 50.8875 |
| 2009 | 6     | 10  | 0    | 50     | 28     | 0.3       | 1.6     | 0.93  | 88        | 70.8992 | 51.7984 |
| 2009 | 6     | 10  | 1    | 5      | 28     | 0.3       | 1.6     | 0.91  | 89.2      | 70.8992 | 51.267  |
| 2009 | 6     | 10  | 1    | 20     | 28     | 0.3       | 1.6     | 0.92  | 91.2      | 71.0242 | 51.6814 |
| 2009 | 6     | 10  | 1    | 35     | 28     | 0.3       | 1.6     | 0.94  | 86.6      | 71.0242 | 52.1381 |
| 2009 | 6     | 10  | 1    | 50     | 28     | 0.3       | 1.6     | 0.96  | 89.4      | 71.0242 | 52.5948 |
| 2009 | 6     | 10  | 2    | 5      | 28     | 0.3       | 1.6     | 0.95  | 90.8      | 71.0242 | 52.2903 |
| 2009 | 6     | 10  | 2    | 20     | 28     | 0.3       | 1.6     | 0.96  | 90        | 71.1493 | 52.6316 |
| 2009 | 6     | 10  | 2    | 35     | 28     | 0.3       | 1.6     | 0.97  | 89        | 71.2744 | 52.9743 |
| 2009 | 6     | 10  | 2    | 50     | 28     | 0.3       | 1.6     | 0.96  | 88.4      | 71.3997 | 52.9348 |
| 2009 | 6     | 10  | 3    | 5      | 28     | 0.3       | 1.6     | 0.99  | 90        | 71.3997 | 53.5486 |
| 2009 | 6     | 10  | 3    | 20     | 28     | 0.3       | 1.6     | 0.96  | 88.4      | 71.3997 | 52.858  |
| 2009 | 6     | 10  | 3    | 35     | 28     | 0.3       | 1.6     | 0.97  | 90        | 71.3997 | 53.2417 |
| 2009 | 6     | 10  | 3    | 50     | 28     | 0.3       | 1.6     | 0.95  | 88.4      | 71.525  | 52.6637 |
| 2009 | 6     | 10  | 4    | 5      | 28     | 0.3       | 1.6     | 0.98  | 90.2      | 71.525  | 53.433  |
| 2009 | 6     | 10  | 4    | 20     | 28     | 0.3       | 1.6     | 0.96  | 90.6      | 71.525  | 53.1253 |
| 2009 | 6     | 10  | 4    | 35     | 28     | 0.3       | 1.6     | 0.9   | 89.2      | 71.525  | 51.6635 |
| 2009 | 6     | 10  | 4    | 50     | 28     | 0.3       | 1.6     | 0.97  | 89.2      | 71.525  | 53.2022 |
| 2009 | 6     | 10  | 5    | 5      | 28     | 0.3       | 1.6     | 0.9   | 87.3      | 71.525  | 51.5866 |
| 2009 | 6     | 10  | 5    | 20     | 28     | 0.3       | 1.6     | 0.92  | 88.6      | 71.525  | 52.0482 |
| 2009 | 6     | 10  | 5    | 35     | 28     | 0.3       | 1.6     | 0.97  | 89.2      | 71.6503 | 53.4706 |
| 2009 | 6     | 10  | 5    | 50     | 28     | 0.3       | 1.6     | 0.97  | 89.8      | 71.6503 | 53.3935 |
| 2009 | 6     | 10  | 6    | 5      | 28     | 0.3       | 1.6     | 0.97  | 90        | 71.6503 | 53.4706 |
| 2009 | 6     | 10  | 6    | 20     | 28     | 0.3       | 1.6     | 0.95  | 90.4      | 71.6503 | 52.9306 |
| 2009 | 6     | 10  | 6    | 35     | 28     | 0.3       | 1.6     | 0.96  | 89.8      | 71.6503 | 53.0849 |
| 2009 | 6     | 10  | 6    | 50     | 28     | 0.3       | 1.6     | 0.96  | 89.2      | 71.6503 | 53.2392 |
| 2009 | 6     | 10  | 7    | 5      | 28     | 0.3       | 1.6     | 0.99  | 90.2      | 71.6503 | 53.8563 |
| 2009 | 6     | 10  | 7    | 20     | 28     | 0.3       | 1.6     | 0.91  | 90.8      | 71.6503 | 52.0049 |
| 2009 | 6     | 10  | 7    | 35     | 28     | 0.3       | 1.6     | 0.88  | 91.1      | 71.6503 | 51.1563 |
| 2009 | 6     | 10  | 7    | 50     | 28     | 0.3       | 1.6     | 0.91  | 88.8      | 71.6503 | 51.9278 |
| 2009 | 6     | 10  | 8    | 5      | 28     | 0.3       | 1.6     | 0.87  | 91.9      | 71.6503 | 51.0021 |
| 2009 | 6     | 10  | 8    | 20     | 28     | 0.3       | 1.6     | 0.86  | 91.3      | 71.6503 | 50.6935 |
| 2009 | 6     | 10  | 8    | 35     | 28     | 0.3       | 1.6     | 0.92  | 89.6      | 71.6503 | 52.2363 |
| 2009 | 6     | 10  | 8    | 50     | 28     | 0.3       | 1.6     | 0.88  | 90        | 71.6503 | 51.2335 |
| 2009 | 6     | 10  | 9    | 5      | 28     | 0.3       | 1.6     | 0.86  | 92.2      | 71.6503 | 50.7706 |
| 2009 | 6     | 10  | 9    | 20     | 28     | 0.3       | 1.6     | 0.87  | 88.7      | 71.6503 | 51.0792 |
| 2009 | 6     | 10  | 9    | 35     | 28     | 0.3       | 1.6     | 0.92  | 90        | 71.6503 | 52.082  |
| 2009 | 6     | 10  | 9    | 50     | 28     | 0.3       | 1.6     | 0.93  | 90        | 71.7757 | 52.5024 |
| 2009 | 6     | 10  | 10   | 5      | 28     | 0.3       | 1.6     | 0.91  | 90        | 71.7757 | 51.961  |
| 2009 | 6     | 10  | 10   | 20     | 28     | 0.3       | 1.6     | 0.94  | 90.8      | 71.7757 | 52.6571 |
| 2009 | 6     | 10  | 10   | 35     | 28     | 0.3       | 1.6     | 0.94  | 90.4      | 71.7757 | 52.8891 |
| 2009 | 6     | 10  | 10   | 50     | 28     | 0.3       | 1.6     | 0.99  | 91.7      | 71.7757 | 54.0493 |
| 2009 | 6     | 10  | 11   | 5      | 28     | 0.3       | 1.6     | 0.94  | 89.4      | 71.7757 | 52.8118 |
| 2009 | 6     | 10  | 11   | 20     | 28     | 0.3       | 1.6     | 0.94  | 90        | 71.9012 | 52.9245 |
| 2009 | 6     | 10  | 11   | 35     | 28     | 0.3       | 1.6     | 1     | 90        | 71.9012 | 54.2429 |
| 2009 | 6     | 10  | 11   | 50     | 28     | 0.3       | 1.6     | 0.99  | 89.6      | 71.9012 | 54.1653 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 10  | 12   | 5      | 28     | 0.3       | 1.6     | 0.99  | 91.7      | 71.9012 | 54.0878 |
| 2009 | 6     | 10  | 12   | 20     | 28     | 0.3       | 1.6     | 1     | 89.2      | 71.9012 | 54.3204 |
| 2009 | 6     | 10  | 12   | 35     | 28     | 0.3       | 1.6     | 0.94  | 91.8      | 72.0267 | 52.9595 |
| 2009 | 6     | 10  | 12   | 50     | 28     | 0.3       | 1.6     | 0.97  | 90.6      | 72.0267 | 53.8149 |
| 2009 | 6     | 10  | 13   | 5      | 28     | 0.3       | 1.6     | 0.94  | 90        | 72.0267 | 53.115  |
| 2009 | 6     | 10  | 13   | 20     | 28     | 0.3       | 1.6     | 0.98  | 88.7      | 72.0267 | 54.0482 |
| 2009 | 6     | 10  | 13   | 35     | 28     | 0.3       | 1.6     | 0.99  | 90.4      | 72.0267 | 54.1259 |
| 2009 | 6     | 10  | 13   | 50     | 28     | 0.3       | 1.6     | 1.02  | 88        | 72.0267 | 54.9813 |
| 2009 | 6     | 10  | 14   | 5      | 28     | 0.3       | 1.6     | 1     | 89.4      | 72.0267 | 54.437  |
| 2009 | 6     | 10  | 14   | 20     | 28     | 0.3       | 1.6     | 0.94  | 84.8      | 72.0267 | 52.804  |
| 2009 | 6     | 10  | 14   | 35     | 28     | 0.3       | 1.6     | 1     | 84        | 72.9072 | 55.177  |
| 2009 | 6     | 10  | 14   | 50     | 28     | 0.3       | 1.6     | 0.95  | 81        | 73.0333 | 53.7852 |
| 2009 | 6     | 10  | 15   | 5      | 28     | 0.3       | 1.6     | 1     | 81.6      | 73.0333 | 55.2149 |
| 2009 | 6     | 10  | 15   | 20     | 28     | 0.3       | 1.6     | 0.94  | 81.8      | 73.0333 | 53.7852 |
| 2009 | 6     | 10  | 15   | 35     | 28     | 0.3       | 1.6     | 0.94  | 81.8      | 73.1594 | 53.7394 |
| 2009 | 6     | 10  | 15   | 50     | 28     | 0.3       | 1.6     | 0.97  | 85        | 73.0333 | 54.6589 |
| 2009 | 6     | 10  | 16   | 5      | 28     | 0.3       | 1.6     | 1     | 85.1      | 73.0333 | 55.3737 |
| 2009 | 6     | 10  | 16   | 20     | 28     | 0.3       | 1.6     | 0.98  | 86        | 73.0333 | 54.8972 |
| 2009 | 6     | 10  | 16   | 35     | 28     | 0.3       | 1.6     | 0.97  | 89.2      | 73.0333 | 54.7383 |
| 2009 | 6     | 10  | 16   | 50     | 28     | 0.3       | 1.6     | 1.02  | 87.4      | 73.0333 | 55.9297 |
| 2009 | 6     | 10  | 17   | 5      | 28     | 0.3       | 1.6     | 1.03  | 86.7      | 73.0333 | 56.0885 |
| 2009 | 6     | 10  | 17   | 20     | 28     | 0.3       | 1.6     | 1.03  | 89.6      | 73.0333 | 56.168  |
| 2009 | 6     | 10  | 17   | 35     | 28     | 0.3       | 1.6     | 0.99  | 88.3      | 73.0333 | 55.2149 |
| 2009 | 6     | 10  | 17   | 50     | 28     | 0.3       | 1.6     | 1.02  | 89.4      | 73.0333 | 55.7708 |
| 2009 | 6     | 10  | 18   | 5      | 28     | 0.3       | 1.6     | 0.99  | 89.8      | 73.0333 | 55.056  |
| 2009 | 6     | 10  | 18   | 20     | 28     | 0.3       | 1.6     | 1.01  | 90        | 73.0333 | 55.5326 |
| 2009 | 6     | 10  | 18   | 35     | 28     | 0.3       | 1.6     | 1     | 89.6      | 73.1594 | 55.4914 |
| 2009 | 6     | 10  | 18   | 50     | 28     | 0.3       | 1.6     | 1.04  | 90.9      | 73.1594 | 56.3673 |
| 2009 | 6     | 10  | 19   | 5      | 28     | 0.3       | 1.6     | 1.02  | 90.6      | 73.1594 | 56.0488 |
| 2009 | 6     | 10  | 19   | 20     | 28     | 0.3       | 1.6     | 0.99  | 90        | 73.1594 | 55.1728 |
| 2009 | 6     | 10  | 19   | 35     | 28     | 0.3       | 1.6     | 1     | 90        | 73.2856 | 55.689  |
| 2009 | 6     | 10  | 19   | 50     | 28     | 0.3       | 1.6     | 0.95  | 87.8      | 73.2856 | 54.2518 |
| 2009 | 6     | 10  | 20   | 5      | 28     | 0.3       | 1.6     | 1     | 90        | 73.2856 | 55.5293 |
| 2009 | 6     | 10  | 20   | 20     | 28     | 0.3       | 1.6     | 0.98  | 89.8      | 73.2856 | 55.1301 |
| 2009 | 6     | 10  | 20   | 35     | 28     | 0.3       | 1.6     | 1     | 88.9      | 73.2856 | 55.689  |
| 2009 | 6     | 10  | 20   | 50     | 28     | 0.3       | 1.6     | 0.96  | 91        | 73.4118 | 54.6864 |
| 2009 | 6     | 10  | 21   | 5      | 28     | 0.3       | 1.6     | 1.03  | 88.7      | 73.4118 | 56.3675 |
| 2009 | 6     | 10  | 21   | 20     | 28     | 0.3       | 1.6     | 1.01  | 89.6      | 73.4118 | 55.9672 |
| 2009 | 6     | 10  | 21   | 35     | 28     | 0.3       | 1.6     | 1     | 89.6      | 73.4118 | 55.8071 |
| 2009 | 6     | 10  | 21   | 50     | 28     | 0.3       | 1.6     | 0.99  | 87.9      | 73.4118 | 55.4869 |
| 2009 | 6     | 10  | 22   | 5      | 28     | 0.3       | 1.6     | 0.96  | 90        | 73.4118 | 54.6864 |
| 2009 | 6     | 10  | 22   | 20     | 28     | 0.3       | 1.6     | 1     | 89.2      | 73.4118 | 55.647  |
| 2009 | 6     | 10  | 22   | 35     | 28     | 0.3       | 1.6     | 1.02  | 90        | 73.4118 | 56.2874 |
| 2009 | 6     | 10  | 22   | 50     | 28     | 0.3       | 1.6     | 0.95  | 90.8      | 73.5381 | 54.6411 |
| 2009 | 6     | 10  | 23   | 5      | 28     | 0.3       | 1.6     | 0.99  | 88.3      | 73.5381 | 55.6043 |
| 2009 | 6     | 10  | 23   | 20     | 28     | 0.3       | 1.6     | 0.94  | 90        | 73.5381 | 54.4806 |
| 2009 | 6     | 10  | 23   | 35     | 28     | 0.3       | 1.6     | 0.93  | 87.8      | 73.5381 | 54.0793 |
| 2009 | 6     | 10  | 23   | 50     | 28     | 0.3       | 1.6     | 0.98  | 90.8      | 73.5381 | 55.4438 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 11  | 0    | 5      | 28     | 0.3       | 1.6     | 0.96  | 89.8      | 73.5381 | 54.8016 |
| 2009 | 6     | 11  | 0    | 20     | 28     | 0.3       | 1.6     | 0.99  | 88.7      | 73.6645 | 55.6413 |
| 2009 | 6     | 11  | 0    | 35     | 28     | 0.3       | 1.6     | 0.95  | 89.4      | 73.6645 | 54.8366 |
| 2009 | 6     | 11  | 0    | 50     | 28     | 0.3       | 1.6     | 0.96  | 88.8      | 73.6645 | 55.078  |
| 2009 | 6     | 11  | 1    | 5      | 28     | 0.3       | 1.6     | 0.99  | 90.2      | 73.7909 | 55.8394 |
| 2009 | 6     | 11  | 1    | 20     | 28     | 0.3       | 1.6     | 1.04  | 89.6      | 73.9174 | 57.0898 |
| 2009 | 6     | 11  | 1    | 35     | 28     | 0.3       | 1.6     | 0.95  | 89.6      | 73.9174 | 54.9865 |
| 2009 | 6     | 11  | 1    | 50     | 28     | 0.3       | 1.6     | 0.95  | 90.4      | 74.044  | 55.1018 |
| 2009 | 6     | 11  | 2    | 5      | 28     | 0.3       | 1.6     | 0.97  | 88.8      | 74.1706 | 55.7052 |
| 2009 | 6     | 11  | 2    | 20     | 28     | 0.3       | 1.6     | 0.97  | 91        | 74.2973 | 55.8221 |
| 2009 | 6     | 11  | 2    | 35     | 28     | 0.3       | 1.6     | 0.95  | 89.2      | 74.424  | 55.4486 |
| 2009 | 6     | 11  | 2    | 50     | 28     | 0.3       | 1.6     | 0.95  | 89.2      | 74.424  | 55.5303 |
| 2009 | 6     | 11  | 3    | 5      | 28     | 0.3       | 1.6     | 0.99  | 91        | 74.5508 | 56.4659 |
| 2009 | 6     | 11  | 3    | 20     | 28     | 0.3       | 1.6     | 0.98  | 90.4      | 74.5508 | 56.384  |
| 2009 | 6     | 11  | 3    | 35     | 28     | 0.3       | 1.6     | 1     | 89.6      | 74.5508 | 56.7118 |
| 2009 | 6     | 11  | 3    | 50     | 28     | 0.3       | 1.6     | 1     | 88.5      | 74.5508 | 56.7937 |
| 2009 | 6     | 11  | 4    | 5      | 28     | 0.3       | 1.6     | 0.99  | 90        | 74.6777 | 56.5842 |
| 2009 | 6     | 11  | 4    | 20     | 28     | 0.3       | 1.6     | 1.01  | 89.6      | 74.6777 | 57.1594 |
| 2009 | 6     | 11  | 4    | 35     | 28     | 0.3       | 1.6     | 1.03  | 89.8      | 74.6777 | 57.5703 |
| 2009 | 6     | 11  | 4    | 50     | 28     | 0.3       | 1.6     | 0.98  | 91.3      | 74.6777 | 56.3377 |
| 2009 | 6     | 11  | 5    | 5      | 28     | 0.3       | 1.6     | 1.04  | 90.2      | 74.6777 | 57.9811 |
| 2009 | 6     | 11  | 5    | 20     | 28     | 0.3       | 1.6     | 1.04  | 90        | 74.6777 | 57.8989 |
| 2009 | 6     | 11  | 5    | 35     | 28     | 0.3       | 1.6     | 1.07  | 89.8      | 74.6777 | 58.5563 |
| 2009 | 6     | 11  | 5    | 50     | 28     | 0.3       | 1.6     | 1.02  | 88.2      | 74.8046 | 57.6089 |
| 2009 | 6     | 11  | 6    | 5      | 28     | 0.3       | 1.6     | 1.03  | 89.5      | 74.8046 | 57.6913 |
| 2009 | 6     | 11  | 6    | 20     | 28     | 0.3       | 1.6     | 1.07  | 89.6      | 74.6777 | 58.7206 |
| 2009 | 6     | 11  | 6    | 35     | 28     | 0.3       | 1.6     | 1.01  | 90        | 74.8046 | 57.2793 |
| 2009 | 6     | 11  | 6    | 50     | 28     | 0.3       | 1.6     | 0.93  | 89.2      | 74.8046 | 55.2197 |
| 2009 | 6     | 11  | 7    | 5      | 28     | 0.3       | 1.6     | 1.05  | 89.5      | 74.8046 | 58.268  |
| 2009 | 6     | 11  | 7    | 20     | 28     | 0.3       | 1.6     | 1     | 90        | 74.8046 | 57.0322 |
| 2009 | 6     | 11  | 7    | 35     | 28     | 0.3       | 1.6     | 0.97  | 90.4      | 74.8046 | 56.2907 |
| 2009 | 6     | 11  | 7    | 50     | 28     | 0.3       | 1.6     | 0.96  | 88.8      | 74.8046 | 56.0436 |
| 2009 | 6     | 11  | 8    | 5      | 28     | 0.3       | 1.6     | 1     | 89.8      | 74.8046 | 57.1146 |
| 2009 | 6     | 11  | 8    | 20     | 28     | 0.3       | 1.6     | 1.01  | 91.1      | 74.8046 | 57.2793 |
| 2009 | 6     | 11  | 8    | 35     | 28     | 0.3       | 1.6     | 0.99  | 90.8      | 74.8046 | 56.785  |
| 2009 | 6     | 11  | 8    | 50     | 28     | 0.3       | 1.6     | 1     | 88.9      | 74.9316 | 57.1516 |
| 2009 | 6     | 11  | 9    | 5      | 28     | 0.3       | 1.6     | 1.01  | 90.7      | 74.9316 | 57.3994 |
| 2009 | 6     | 11  | 9    | 20     | 28     | 0.3       | 1.6     | 1.01  | 88.3      | 74.9316 | 57.3994 |
| 2009 | 6     | 11  | 9    | 35     | 28     | 0.3       | 1.6     | 1     | 89.1      | 74.9316 | 57.069  |
| 2009 | 6     | 11  | 9    | 50     | 28     | 0.3       | 1.6     | 0.98  | 90.4      | 74.9316 | 56.656  |
| 2009 | 6     | 11  | 10   | 5      | 28     | 0.3       | 1.6     | 0.99  | 89.8      | 74.9316 | 56.9038 |
| 2009 | 6     | 11  | 10   | 20     | 28     | 0.3       | 1.6     | 0.98  | 92.5      | 74.9316 | 56.656  |
| 2009 | 6     | 11  | 10   | 35     | 28     | 0.3       | 1.6     | 1.03  | 90.7      | 74.9316 | 57.8124 |
| 2009 | 6     | 11  | 10   | 50     | 28     | 0.3       | 1.6     | 1     | 90.4      | 74.9316 | 57.069  |
| 2009 | 6     | 11  | 11   | 5      | 28     | 0.3       | 1.6     | 0.99  | 90        | 74.9316 | 56.8212 |
| 2009 | 6     | 11  | 11   | 20     | 28     | 0.3       | 1.6     | 1.07  | 87.5      | 74.9316 | 58.8035 |
| 2009 | 6     | 11  | 11   | 35     | 28     | 0.3       | 1.6     | 0.99  | 88.1      | 74.9316 | 56.9864 |
| 2009 | 6     | 11  | 11   | 50     | 28     | 0.3       | 1.6     | 1.03  | 88.2      | 74.9316 | 57.895  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 11  | 12   | 5      | 28     | 0.3       | 1.6     | 0.97  | 90        | 74.9316 | 56.4908 |
| 2009 | 6     | 11  | 12   | 20     | 28     | 0.3       | 1.6     | 1.04  | 90.5      | 74.9316 | 58.1427 |
| 2009 | 6     | 11  | 12   | 35     | 28     | 0.3       | 1.6     | 1.01  | 89.6      | 74.9316 | 57.3994 |
| 2009 | 6     | 11  | 12   | 50     | 28     | 0.3       | 1.6     | 1.01  | 89.3      | 75.0587 | 57.6023 |
| 2009 | 6     | 11  | 13   | 5      | 28     | 0.3       | 1.6     | 1.03  | 90        | 75.0587 | 57.9336 |
| 2009 | 6     | 11  | 13   | 20     | 28     | 0.3       | 1.6     | 1.01  | 89.8      | 75.0587 | 57.5195 |
| 2009 | 6     | 11  | 13   | 35     | 28     | 0.3       | 1.6     | 1.05  | 88.9      | 75.0587 | 58.5961 |
| 2009 | 6     | 11  | 13   | 50     | 28     | 0.3       | 1.6     | 1.05  | 88.6      | 75.0587 | 58.4305 |
| 2009 | 6     | 11  | 14   | 5      | 28     | 0.3       | 1.6     | 1.03  | 90        | 75.0587 | 58.0992 |
| 2009 | 6     | 11  | 14   | 20     | 28     | 0.3       | 1.6     | 1.07  | 90.9      | 75.0587 | 58.9273 |
| 2009 | 6     | 11  | 14   | 35     | 28     | 0.3       | 1.6     | 1.06  | 91.2      | 75.0587 | 58.6789 |
| 2009 | 6     | 11  | 14   | 50     | 28     | 0.3       | 1.6     | 1.02  | 88.2      | 74.9316 | 57.6472 |
| 2009 | 6     | 11  | 15   | 5      | 28     | 0.3       | 1.6     | 1.06  | 88.8      | 74.9316 | 58.5557 |
| 2009 | 6     | 11  | 15   | 20     | 28     | 0.3       | 1.6     | 1.03  | 90.4      | 74.9316 | 57.895  |
| 2009 | 6     | 11  | 15   | 35     | 28     | 0.3       | 1.6     | 1.07  | 89.3      | 74.9316 | 58.8861 |
| 2009 | 6     | 11  | 15   | 50     | 28     | 0.3       | 1.6     | 1.03  | 90        | 74.9316 | 57.9776 |
| 2009 | 6     | 11  | 16   | 5      | 28     | 0.3       | 1.6     | 1.06  | 90        | 74.9316 | 58.5557 |
| 2009 | 6     | 11  | 16   | 20     | 28     | 0.3       | 1.6     | 1.07  | 87.9      | 74.8046 | 58.8446 |
| 2009 | 6     | 11  | 16   | 35     | 28     | 0.3       | 1.6     | 1.04  | 90        | 74.9316 | 58.2253 |
| 2009 | 6     | 11  | 16   | 50     | 28     | 0.3       | 1.6     | 1.03  | 88.5      | 74.9316 | 57.9776 |
| 2009 | 6     | 11  | 17   | 5      | 28     | 0.3       | 1.6     | 1.05  | 90.9      | 74.8046 | 58.268  |
| 2009 | 6     | 11  | 17   | 20     | 28     | 0.3       | 1.6     | 1.07  | 89.5      | 74.9316 | 58.8861 |
| 2009 | 6     | 11  | 17   | 35     | 28     | 0.3       | 1.6     | 1.02  | 88.5      | 74.8046 | 57.5265 |
| 2009 | 6     | 11  | 17   | 50     | 28     | 0.3       | 1.6     | 1.03  | 89.1      | 74.9316 | 57.895  |
| 2009 | 6     | 11  | 18   | 5      | 28     | 0.3       | 1.6     | 1.03  | 89.1      | 74.8046 | 57.856  |
| 2009 | 6     | 11  | 18   | 20     | 28     | 0.3       | 1.6     | 1.04  | 88.7      | 74.8046 | 58.0208 |
| 2009 | 6     | 11  | 18   | 35     | 28     | 0.3       | 1.6     | 1.06  | 88.1      | 74.8046 | 58.5975 |
| 2009 | 6     | 11  | 18   | 50     | 28     | 0.3       | 1.6     | 1.06  | 88.1      | 74.8046 | 58.5975 |
| 2009 | 6     | 11  | 19   | 5      | 28     | 0.3       | 1.6     | 1.07  | 88.2      | 74.9316 | 58.8035 |
| 2009 | 6     | 11  | 19   | 20     | 28     | 0.3       | 1.6     | 1.02  | 87.2      | 74.9316 | 57.7298 |
| 2009 | 6     | 11  | 19   | 35     | 28     | 0.3       | 1.6     | 1.02  | 87.8      | 74.9316 | 57.7298 |
| 2009 | 6     | 11  | 19   | 50     | 28     | 0.3       | 1.6     | 1.06  | 88.8      | 74.9316 | 58.5557 |
| 2009 | 6     | 11  | 20   | 5      | 28     | 0.3       | 1.6     | 1.11  | 90.3      | 74.9316 | 59.8773 |
| 2009 | 6     | 11  | 20   | 20     | 28     | 0.3       | 1.6     | 1.05  | 88        | 74.9316 | 58.3905 |
| 2009 | 6     | 11  | 20   | 35     | 28     | 0.3       | 1.6     | 1.02  | 87.8      | 74.9316 | 57.5646 |
| 2009 | 6     | 11  | 20   | 50     | 28     | 0.3       | 1.6     | 1.03  | 88        | 74.9316 | 57.8124 |
| 2009 | 6     | 11  | 21   | 5      | 28     | 0.3       | 1.6     | 1.04  | 87.6      | 74.9316 | 58.0602 |
| 2009 | 6     | 11  | 21   | 20     | 28     | 0.3       | 1.6     | 1.03  | 88.7      | 75.0587 | 58.0164 |
| 2009 | 6     | 11  | 21   | 35     | 28     | 0.3       | 1.6     | 1.01  | 88.5      | 75.0587 | 57.6023 |
| 2009 | 6     | 11  | 21   | 50     | 28     | 0.3       | 1.6     | 1.04  | 89.3      | 75.0587 | 58.182  |
| 2009 | 6     | 11  | 22   | 5      | 28     | 0.3       | 1.6     | 1.02  | 90.7      | 75.0587 | 57.6852 |
| 2009 | 6     | 11  | 22   | 20     | 28     | 0.3       | 1.6     | 1.04  | 87.3      | 75.0587 | 58.2648 |
| 2009 | 6     | 11  | 22   | 35     | 28     | 0.3       | 1.6     | 1     | 86.6      | 75.0587 | 57.1055 |
| 2009 | 6     | 11  | 22   | 50     | 28     | 0.3       | 1.6     | 1.05  | 88.4      | 75.0587 | 58.5133 |
| 2009 | 6     | 11  | 23   | 5      | 28     | 0.3       | 1.6     | 1.04  | 88        | 75.0587 | 58.3477 |
| 2009 | 6     | 11  | 23   | 20     | 28     | 0.3       | 1.6     | 1.07  | 88.2      | 75.0587 | 58.9273 |
| 2009 | 6     | 11  | 23   | 35     | 28     | 0.3       | 1.6     | 1.03  | 89.8      | 75.0587 | 57.9336 |
| 2009 | 6     | 11  | 23   | 50     | 28     | 0.3       | 1.6     | 1.05  | 88.2      | 75.0587 | 58.5133 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 12  | 0    | 5      | 28     | 0.3       | 1.6     | 1.06  | 88.6      | 75.0587 | 58.7617 |
| 2009 | 6     | 12  | 0    | 20     | 28     | 0.3       | 1.6     | 1.01  | 89.3      | 75.0587 | 57.5195 |
| 2009 | 6     | 12  | 0    | 35     | 28     | 0.3       | 1.6     | 0.99  | 87.2      | 75.0587 | 57.0226 |
| 2009 | 6     | 12  | 0    | 50     | 28     | 0.3       | 1.6     | 0.99  | 90.8      | 75.0587 | 56.9398 |
| 2009 | 6     | 12  | 1    | 5      | 28     | 0.3       | 1.6     | 1.09  | 88.4      | 75.0587 | 59.4242 |
| 2009 | 6     | 12  | 1    | 20     | 28     | 0.3       | 1.6     | 1.01  | 88.7      | 75.1858 | 57.7229 |
| 2009 | 6     | 12  | 1    | 35     | 28     | 0.3       | 1.6     | 1.04  | 88.2      | 75.1858 | 58.3871 |
| 2009 | 6     | 12  | 1    | 50     | 28     | 0.3       | 1.6     | 1.07  | 88.9      | 75.1858 | 59.1343 |
| 2009 | 6     | 12  | 2    | 5      | 28     | 0.3       | 1.6     | 1.05  | 89.8      | 75.1858 | 58.5531 |
| 2009 | 6     | 12  | 2    | 20     | 28     | 0.3       | 1.6     | 1.02  | 90.2      | 75.1858 | 57.8059 |
| 2009 | 6     | 12  | 2    | 35     | 28     | 0.3       | 1.6     | 1.03  | 89.5      | 75.1858 | 58.138  |
| 2009 | 6     | 12  | 2    | 50     | 28     | 0.3       | 1.6     | 1.03  | 86.7      | 75.1858 | 57.9719 |
| 2009 | 6     | 12  | 3    | 5      | 28     | 0.3       | 1.6     | 0.98  | 89        | 75.1858 | 56.8926 |
| 2009 | 6     | 12  | 3    | 20     | 28     | 0.3       | 1.6     | 1     | 88.3      | 75.1858 | 57.3077 |
| 2009 | 6     | 12  | 3    | 35     | 28     | 0.3       | 1.6     | 1.03  | 90.9      | 75.0587 | 57.9336 |
| 2009 | 6     | 12  | 3    | 50     | 28     | 0.3       | 1.6     | 0.97  | 89.4      | 75.0587 | 56.6086 |
| 2009 | 6     | 12  | 4    | 5      | 28     | 0.3       | 1.6     | 0.96  | 89        | 75.0587 | 56.1945 |
| 2009 | 6     | 12  | 4    | 20     | 28     | 0.3       | 1.6     | 1.01  | 90.4      | 75.1858 | 57.5568 |
| 2009 | 6     | 12  | 4    | 35     | 28     | 0.3       | 1.6     | 1     | 87.6      | 75.0587 | 57.3539 |
| 2009 | 6     | 12  | 4    | 50     | 28     | 0.3       | 1.6     | 1.01  | 88.5      | 75.0587 | 57.4367 |
| 2009 | 6     | 12  | 5    | 5      | 28     | 0.3       | 1.6     | 1.01  | 90        | 75.0587 | 57.4367 |
| 2009 | 6     | 12  | 5    | 20     | 28     | 0.3       | 1.6     | 0.97  | 89.6      | 75.1858 | 56.7265 |
| 2009 | 6     | 12  | 5    | 35     | 28     | 0.3       | 1.6     | 1.05  | 89.3      | 75.0587 | 58.5133 |
| 2009 | 6     | 12  | 5    | 50     | 28     | 0.3       | 1.6     | 1     | 89.1      | 75.0587 | 57.3539 |
| 2009 | 6     | 12  | 6    | 5      | 28     | 0.3       | 1.6     | 1.03  | 90        | 75.0587 | 58.0164 |
| 2009 | 6     | 12  | 6    | 20     | 28     | 0.3       | 1.6     | 0.99  | 90.6      | 75.1858 | 57.0586 |
| 2009 | 6     | 12  | 6    | 35     | 28     | 0.3       | 1.6     | 0.99  | 90.2      | 75.0587 | 57.0226 |
| 2009 | 6     | 12  | 6    | 50     | 28     | 0.3       | 1.6     | 1.02  | 88.5      | 75.1858 | 57.8059 |
| 2009 | 6     | 12  | 7    | 5      | 28     | 0.3       | 1.6     | 0.99  | 88.3      | 75.0587 | 56.9398 |
| 2009 | 6     | 12  | 7    | 20     | 28     | 0.3       | 1.6     | 1.03  | 90.4      | 75.0587 | 57.9336 |
| 2009 | 6     | 12  | 7    | 35     | 28     | 0.3       | 1.6     | 1.02  | 88.3      | 75.0587 | 57.6852 |
| 2009 | 6     | 12  | 7    | 50     | 28     | 0.3       | 1.6     | 1.04  | 88.7      | 75.0587 | 58.182  |
| 2009 | 6     | 12  | 8    | 5      | 28     | 0.3       | 1.6     | 1.03  | 87.8      | 75.0587 | 57.9336 |
| 2009 | 6     | 12  | 8    | 20     | 28     | 0.3       | 1.6     | 1.04  | 91.6      | 75.0587 | 58.3477 |
| 2009 | 6     | 12  | 8    | 35     | 28     | 0.3       | 1.6     | 1.05  | 90        | 75.0587 | 58.4305 |
| 2009 | 6     | 12  | 8    | 50     | 28     | 0.3       | 1.6     | 1.01  | 88.3      | 75.0587 | 57.6023 |
| 2009 | 6     | 12  | 9    | 5      | 28     | 0.3       | 1.6     | 1     | 88.7      | 75.0587 | 57.3539 |
| 2009 | 6     | 12  | 9    | 20     | 28     | 0.3       | 1.6     | 1.01  | 90.2      | 75.0587 | 57.6023 |
| 2009 | 6     | 12  | 9    | 35     | 28     | 0.3       | 1.6     | 1.05  | 88.4      | 74.9316 | 58.3079 |
| 2009 | 6     | 12  | 9    | 50     | 28     | 0.3       | 1.6     | 1.05  | 90.4      | 74.9316 | 58.4731 |
| 2009 | 6     | 12  | 10   | 5      | 28     | 0.3       | 1.6     | 1.06  | 92.3      | 74.9316 | 58.6383 |
| 2009 | 6     | 12  | 10   | 20     | 28     | 0.3       | 1.6     | 1.04  | 90        | 75.0587 | 58.182  |
| 2009 | 6     | 12  | 10   | 35     | 28     | 0.3       | 1.6     | 1.06  | 90.7      | 74.9316 | 58.7209 |
| 2009 | 6     | 12  | 10   | 50     | 28     | 0.3       | 1.6     | 1.02  | 88.3      | 74.9316 | 57.7298 |
| 2009 | 6     | 12  | 11   | 5      | 28     | 0.3       | 1.6     | 1.03  | 87.8      | 74.9316 | 57.9776 |
| 2009 | 6     | 12  | 11   | 20     | 28     | 0.3       | 1.6     | 1.07  | 90.7      | 74.9316 | 58.8861 |
| 2009 | 6     | 12  | 11   | 35     | 28     | 0.3       | 1.6     | 1.05  | 89.8      | 74.9316 | 58.4731 |
| 2009 | 6     | 12  | 11   | 50     | 28     | 0.3       | 1.6     | 1.06  | 90.5      | 74.9316 | 58.5557 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 12  | 12   | 5      | 28     | 0.3       | 1.6     | 1.09  | 90        | 74.9316 | 59.2991 |
| 2009 | 6     | 12  | 12   | 20     | 28     | 0.3       | 1.6     | 1.04  | 88.2      | 74.9316 | 58.2253 |
| 2009 | 6     | 12  | 12   | 35     | 28     | 0.3       | 1.6     | 1.04  | 89.1      | 74.9316 | 58.1427 |
| 2009 | 6     | 12  | 12   | 50     | 28     | 0.3       | 1.6     | 1.07  | 87.7      | 74.8046 | 58.8446 |
| 2009 | 6     | 12  | 13   | 5      | 28     | 0.3       | 1.6     | 1.02  | 89.3      | 74.8046 | 57.5265 |
| 2009 | 6     | 12  | 13   | 20     | 28     | 0.3       | 1.6     | 1.03  | 89.6      | 74.8046 | 57.6913 |
| 2009 | 6     | 12  | 13   | 35     | 28     | 0.3       | 1.6     | 1.05  | 87.3      | 74.8046 | 58.268  |
| 2009 | 6     | 12  | 13   | 50     | 28     | 0.3       | 1.6     | 1.03  | 89.5      | 74.6777 | 57.6524 |
| 2009 | 6     | 12  | 14   | 5      | 28     | 0.3       | 1.6     | 1.09  | 87.9      | 74.6777 | 59.1315 |
| 2009 | 6     | 12  | 14   | 20     | 28     | 0.3       | 1.6     | 1.11  | 88.3      | 74.5508 | 59.4984 |
| 2009 | 6     | 12  | 14   | 35     | 28     | 0.3       | 1.6     | 1.06  | 86.8      | 74.5508 | 58.269  |
| 2009 | 6     | 12  | 14   | 50     | 28     | 0.3       | 1.6     | 1.05  | 90.4      | 74.424  | 57.9009 |
| 2009 | 6     | 12  | 15   | 5      | 28     | 0.3       | 1.6     | 1.11  | 88.6      | 74.424  | 59.4541 |
| 2009 | 6     | 12  | 15   | 20     | 28     | 0.3       | 1.6     | 1.09  | 88.1      | 74.1706 | 58.6327 |
| 2009 | 6     | 12  | 15   | 35     | 28     | 0.3       | 1.6     | 1.09  | 89        | 74.1706 | 58.6327 |
| 2009 | 6     | 12  | 15   | 50     | 28     | 0.3       | 1.6     | 1.1   | 88.6      | 74.044  | 58.6706 |
| 2009 | 6     | 12  | 16   | 5      | 28     | 0.3       | 1.6     | 1.11  | 88        | 74.044  | 58.9139 |
| 2009 | 6     | 12  | 16   | 20     | 28     | 0.3       | 1.6     | 1.07  | 88.4      | 74.044  | 58.0217 |
| 2009 | 6     | 12  | 16   | 35     | 28     | 0.3       | 1.6     | 1.04  | 87.5      | 73.9174 | 57.2516 |
| 2009 | 6     | 12  | 16   | 50     | 28     | 0.3       | 1.6     | 1.02  | 88.5      | 73.9174 | 56.6853 |
| 2009 | 6     | 12  | 17   | 5      | 28     | 0.3       | 1.6     | 1.06  | 89.3      | 73.7909 | 57.5338 |
| 2009 | 6     | 12  | 17   | 20     | 28     | 0.3       | 1.6     | 1.03  | 89.5      | 73.7909 | 56.8883 |
| 2009 | 6     | 12  | 17   | 35     | 28     | 0.3       | 1.6     | 1.04  | 88.2      | 73.7909 | 57.1304 |
| 2009 | 6     | 12  | 17   | 50     | 28     | 0.3       | 1.6     | 1.09  | 89.8      | 73.7909 | 58.26   |
| 2009 | 6     | 12  | 18   | 5      | 28     | 0.3       | 1.6     | 1.03  | 88.4      | 73.6645 | 56.607  |
| 2009 | 6     | 12  | 18   | 20     | 28     | 0.3       | 1.6     | 1.04  | 88.2      | 73.6645 | 56.9289 |
| 2009 | 6     | 12  | 18   | 35     | 28     | 0.3       | 1.6     | 1.06  | 87.7      | 73.6645 | 57.3313 |
| 2009 | 6     | 12  | 18   | 50     | 28     | 0.3       | 1.6     | 1.04  | 90        | 73.6645 | 56.8484 |
| 2009 | 6     | 12  | 19   | 5      | 28     | 0.3       | 1.6     | 1.1   | 90.5      | 73.6645 | 58.4579 |
| 2009 | 6     | 12  | 19   | 20     | 28     | 0.3       | 1.6     | 1.03  | 88.4      | 73.6645 | 56.6875 |
| 2009 | 6     | 12  | 19   | 35     | 28     | 0.3       | 1.6     | 1.08  | 90.3      | 73.6645 | 57.8141 |
| 2009 | 6     | 12  | 19   | 50     | 28     | 0.3       | 1.6     | 1.08  | 90.2      | 73.6645 | 57.8946 |
| 2009 | 6     | 12  | 20   | 5      | 28     | 0.3       | 1.6     | 1.04  | 90        | 73.6645 | 56.9289 |
| 2009 | 6     | 12  | 20   | 20     | 28     | 0.3       | 1.6     | 1.03  | 90.5      | 73.6645 | 56.6875 |
| 2009 | 6     | 12  | 20   | 35     | 28     | 0.3       | 1.6     | 1.04  | 90.4      | 73.6645 | 57.0094 |
| 2009 | 6     | 12  | 20   | 50     | 28     | 0.3       | 1.6     | 1.05  | 88.6      | 73.6645 | 57.2508 |
| 2009 | 6     | 12  | 21   | 5      | 28     | 0.3       | 1.6     | 1.08  | 88.6      | 73.6645 | 57.9751 |
| 2009 | 6     | 12  | 21   | 20     | 28     | 0.3       | 1.6     | 1.04  | 89.5      | 73.6645 | 56.9289 |
| 2009 | 6     | 12  | 21   | 35     | 28     | 0.3       | 1.6     | 1.02  | 88.3      | 73.6645 | 56.5265 |
| 2009 | 6     | 12  | 21   | 50     | 28     | 0.3       | 1.6     | 1.04  | 89.3      | 73.6645 | 56.9289 |
| 2009 | 6     | 12  | 22   | 5      | 28     | 0.3       | 1.6     | 1.03  | 86.9      | 73.6645 | 56.607  |
| 2009 | 6     | 12  | 22   | 20     | 28     | 0.3       | 1.6     | 1.05  | 90.7      | 73.5381 | 57.049  |
| 2009 | 6     | 12  | 22   | 35     | 28     | 0.3       | 1.6     | 1.02  | 89.6      | 73.5381 | 56.4069 |
| 2009 | 6     | 12  | 22   | 50     | 28     | 0.3       | 1.6     | 1.02  | 87.4      | 73.5381 | 56.3267 |
| 2009 | 6     | 12  | 23   | 5      | 28     | 0.3       | 1.6     | 0.99  | 88.3      | 73.5381 | 55.524  |
| 2009 | 6     | 12  | 23   | 20     | 28     | 0.3       | 1.6     | 0.98  | 88.7      | 73.5381 | 55.4438 |
| 2009 | 6     | 12  | 23   | 35     | 28     | 0.3       | 1.6     | 1     | 89.4      | 73.5381 | 55.7648 |
| 2009 | 6     | 12  | 23   | 50     | 28     | 0.3       | 1.6     | 1.02  | 89.6      | 73.5381 | 56.2464 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 13  | 0    | 5      | 28     | 0.3       | 1.6     | 1.01  | 91.5      | 73.5381 | 56.0859 |
| 2009 | 6     | 13  | 0    | 20     | 28     | 0.3       | 1.6     | 1.02  | 89.4      | 73.5381 | 56.2464 |
| 2009 | 6     | 13  | 0    | 35     | 28     | 0.3       | 1.6     | 1.03  | 89.3      | 73.5381 | 56.5674 |
| 2009 | 6     | 13  | 0    | 50     | 28     | 0.3       | 1.6     | 0.98  | 89.4      | 73.5381 | 55.3635 |
| 2009 | 6     | 13  | 1    | 5      | 28     | 0.3       | 1.6     | 1     | 90.9      | 73.5381 | 55.9253 |
| 2009 | 6     | 13  | 1    | 20     | 28     | 0.3       | 1.6     | 0.98  | 90        | 73.5381 | 55.4438 |
| 2009 | 6     | 13  | 1    | 35     | 28     | 0.3       | 1.6     | 1.02  | 88.7      | 73.5381 | 56.2464 |
| 2009 | 6     | 13  | 1    | 50     | 28     | 0.3       | 1.6     | 1     | 90        | 73.5381 | 55.9253 |
| 2009 | 6     | 13  | 2    | 5      | 28     | 0.3       | 1.6     | 1.01  | 92        | 73.5381 | 56.1661 |
| 2009 | 6     | 13  | 2    | 20     | 28     | 0.3       | 1.6     | 0.98  | 89.6      | 73.5381 | 55.4438 |
| 2009 | 6     | 13  | 2    | 35     | 28     | 0.3       | 1.6     | 0.98  | 90.8      | 73.5381 | 55.4438 |
| 2009 | 6     | 13  | 2    | 50     | 28     | 0.3       | 1.6     | 1.02  | 91.3      | 73.5381 | 56.4069 |
| 2009 | 6     | 13  | 3    | 5      | 28     | 0.3       | 1.6     | 1.02  | 88.9      | 73.4118 | 56.2874 |
| 2009 | 6     | 13  | 3    | 20     | 28     | 0.3       | 1.6     | 1.01  | 90.6      | 73.5381 | 56.1661 |
| 2009 | 6     | 13  | 3    | 35     | 28     | 0.3       | 1.6     | 1.02  | 91.1      | 73.4118 | 56.2874 |
| 2009 | 6     | 13  | 3    | 50     | 28     | 0.3       | 1.6     | 1.04  | 87.6      | 73.4118 | 56.6076 |
| 2009 | 6     | 13  | 4    | 5      | 28     | 0.3       | 1.6     | 1.01  | 88.3      | 73.4118 | 55.8872 |
| 2009 | 6     | 13  | 4    | 20     | 28     | 0.3       | 1.6     | 1.02  | 90.2      | 73.4118 | 56.2874 |
| 2009 | 6     | 13  | 4    | 35     | 28     | 0.3       | 1.6     | 1.02  | 90.6      | 73.4118 | 56.2874 |
| 2009 | 6     | 13  | 4    | 50     | 28     | 0.3       | 1.6     | 1.04  | 88.9      | 73.4118 | 56.6877 |
| 2009 | 6     | 13  | 5    | 5      | 28     | 0.3       | 1.6     | 1.03  | 90        | 73.4118 | 56.4475 |
| 2009 | 6     | 13  | 5    | 20     | 28     | 0.3       | 1.6     | 0.97  | 88.6      | 73.4118 | 54.9265 |
| 2009 | 6     | 13  | 5    | 35     | 28     | 0.3       | 1.6     | 1.05  | 89.8      | 73.4118 | 56.9279 |
| 2009 | 6     | 13  | 5    | 50     | 28     | 0.3       | 1.6     | 1.04  | 88.6      | 73.4118 | 56.7677 |
| 2009 | 6     | 13  | 6    | 5      | 28     | 0.3       | 1.6     | 0.97  | 90.6      | 73.4118 | 55.0066 |
| 2009 | 6     | 13  | 6    | 20     | 28     | 0.3       | 1.6     | 1.01  | 90        | 73.4118 | 55.8872 |
| 2009 | 6     | 13  | 6    | 35     | 28     | 0.3       | 1.6     | 1.03  | 88.7      | 73.4118 | 56.3675 |
| 2009 | 6     | 13  | 6    | 50     | 28     | 0.3       | 1.6     | 1.03  | 89.5      | 73.4118 | 56.3675 |
| 2009 | 6     | 13  | 7    | 5      | 28     | 0.3       | 1.6     | 1.01  | 89.8      | 73.4118 | 55.9672 |
| 2009 | 6     | 13  | 7    | 20     | 28     | 0.3       | 1.6     | 0.98  | 90.8      | 73.4118 | 55.1667 |
| 2009 | 6     | 13  | 7    | 35     | 28     | 0.3       | 1.6     | 0.94  | 92.6      | 73.4118 | 54.2861 |
| 2009 | 6     | 13  | 7    | 50     | 28     | 0.3       | 1.6     | 0.93  | 89.8      | 73.4118 | 53.8858 |
| 2009 | 6     | 13  | 8    | 5      | 28     | 0.3       | 1.6     | 0.96  | 90.4      | 73.4118 | 54.7664 |
| 2009 | 6     | 13  | 8    | 20     | 28     | 0.3       | 1.6     | 0.94  | 90.2      | 73.4118 | 54.126  |
| 2009 | 6     | 13  | 8    | 35     | 28     | 0.3       | 1.6     | 0.94  | 89.8      | 73.4118 | 54.126  |
| 2009 | 6     | 13  | 8    | 50     | 28     | 0.3       | 1.6     | 0.99  | 89.4      | 73.4118 | 55.5669 |
| 2009 | 6     | 13  | 9    | 5      | 28     | 0.3       | 1.6     | 0.97  | 88.8      | 73.4118 | 55.0866 |
| 2009 | 6     | 13  | 9    | 20     | 28     | 0.3       | 1.6     | 0.99  | 89.4      | 73.4118 | 55.4869 |
| 2009 | 6     | 13  | 9    | 35     | 28     | 0.3       | 1.6     | 0.94  | 89.8      | 73.4118 | 54.206  |
| 2009 | 6     | 13  | 9    | 50     | 28     | 0.3       | 1.6     | 0.94  | 90        | 73.4118 | 54.206  |
| 2009 | 6     | 13  | 10   | 5      | 28     | 0.3       | 1.6     | 0.99  | 90.8      | 73.4118 | 55.5669 |
| 2009 | 6     | 13  | 10   | 20     | 28     | 0.3       | 1.6     | 0.92  | 88.8      | 73.4118 | 53.6457 |
| 2009 | 6     | 13  | 10   | 35     | 28     | 0.3       | 1.6     | 0.99  | 88.7      | 73.4118 | 55.5669 |
| 2009 | 6     | 13  | 10   | 50     | 28     | 0.3       | 1.6     | 1     | 88.3      | 73.4118 | 55.647  |
| 2009 | 6     | 13  | 11   | 5      | 28     | 0.3       | 1.6     | 0.99  | 87.1      | 73.4118 | 55.3268 |
| 2009 | 6     | 13  | 11   | 20     | 28     | 0.3       | 1.6     | 0.94  | 90        | 73.4118 | 54.3661 |
| 2009 | 6     | 13  | 11   | 35     | 28     | 0.3       | 1.6     | 0.99  | 89.6      | 73.4118 | 55.4869 |
| 2009 | 6     | 13  | 11   | 50     | 28     | 0.3       | 1.6     | 0.99  | 88.1      | 73.4118 | 55.4869 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 13  | 12   | 5      | 28     | 0.3       | 1.6     | 1.03  | 87.6      | 73.4118 | 56.5276 |
| 2009 | 6     | 13  | 12   | 20     | 28     | 0.3       | 1.6     | 1.03  | 88.2      | 73.4118 | 56.3675 |
| 2009 | 6     | 13  | 12   | 35     | 28     | 0.3       | 1.6     | 1.02  | 88.5      | 73.2856 | 56.0882 |
| 2009 | 6     | 13  | 12   | 50     | 28     | 0.3       | 1.6     | 1.06  | 88.2      | 73.2856 | 57.0463 |
| 2009 | 6     | 13  | 13   | 5      | 28     | 0.3       | 1.6     | 1.06  | 88.2      | 73.2856 | 56.9665 |
| 2009 | 6     | 13  | 13   | 20     | 28     | 0.3       | 1.6     | 0.98  | 89.4      | 73.2856 | 55.0502 |
| 2009 | 6     | 13  | 13   | 35     | 28     | 0.3       | 1.6     | 1.02  | 88.3      | 73.2856 | 56.168  |
| 2009 | 6     | 13  | 13   | 50     | 28     | 0.3       | 1.6     | 1.05  | 88.4      | 73.1594 | 56.7655 |
| 2009 | 6     | 13  | 14   | 5      | 28     | 0.3       | 1.6     | 1.07  | 89.8      | 73.1594 | 57.084  |
| 2009 | 6     | 13  | 14   | 20     | 28     | 0.3       | 1.6     | 1.01  | 90.2      | 73.1594 | 55.7303 |
| 2009 | 6     | 13  | 14   | 35     | 28     | 0.3       | 1.6     | 1.04  | 88.5      | 73.1594 | 56.3673 |
| 2009 | 6     | 13  | 14   | 50     | 28     | 0.3       | 1.6     | 0.98  | 89.4      | 73.0333 | 54.9766 |
| 2009 | 6     | 13  | 15   | 5      | 28     | 0.3       | 1.6     | 1.02  | 87.4      | 72.9072 | 55.6523 |
| 2009 | 6     | 13  | 15   | 20     | 28     | 0.3       | 1.6     | 0.98  | 89        | 73.0333 | 54.8972 |
| 2009 | 6     | 13  | 15   | 35     | 28     | 0.3       | 1.6     | 1.06  | 88.9      | 72.9072 | 56.682  |
| 2009 | 6     | 13  | 15   | 50     | 28     | 0.3       | 1.6     | 1.02  | 88.9      | 72.6554 | 55.5731 |
| 2009 | 6     | 13  | 16   | 5      | 28     | 0.3       | 1.6     | 1.04  | 89.5      | 72.7813 | 56.1659 |
| 2009 | 6     | 13  | 16   | 20     | 28     | 0.3       | 1.6     | 1     | 88.1      | 72.6554 | 54.9427 |
| 2009 | 6     | 13  | 16   | 35     | 28     | 0.3       | 1.6     | 1     | 89.2      | 72.6554 | 55.0215 |
| 2009 | 6     | 13  | 16   | 50     | 28     | 0.3       | 1.6     | 1.01  | 87.2      | 72.5295 | 54.9829 |
| 2009 | 6     | 13  | 17   | 5      | 28     | 0.3       | 1.6     | 1.01  | 88.1      | 72.5295 | 55.1401 |
| 2009 | 6     | 13  | 17   | 20     | 28     | 0.3       | 1.6     | 1     | 87.9      | 72.5295 | 54.9043 |
| 2009 | 6     | 13  | 17   | 35     | 28     | 0.3       | 1.6     | 1.05  | 88.4      | 72.6554 | 56.2035 |
| 2009 | 6     | 13  | 17   | 50     | 28     | 0.3       | 1.6     | 0.96  | 87.6      | 72.6554 | 53.9183 |
| 2009 | 6     | 13  | 18   | 5      | 28     | 0.3       | 1.6     | 0.87  | 89.6      | 72.5295 | 51.8393 |
| 2009 | 6     | 13  | 18   | 20     | 28     | 0.3       | 1.6     | 0.93  | 89.4      | 72.5295 | 53.254  |
| 2009 | 6     | 13  | 18   | 35     | 28     | 0.3       | 1.6     | 0.91  | 89.2      | 72.6554 | 52.8152 |
| 2009 | 6     | 13  | 18   | 50     | 28     | 0.3       | 1.6     | 0.87  | 85        | 72.5295 | 51.6822 |
| 2009 | 6     | 13  | 19   | 5      | 28     | 0.3       | 1.6     | 0.87  | 90.4      | 72.5295 | 51.8393 |
| 2009 | 6     | 13  | 19   | 20     | 28     | 0.3       | 1.6     | 0.9   | 90        | 72.5295 | 52.3895 |
| 2009 | 6     | 13  | 19   | 35     | 28     | 0.3       | 1.6     | 0.85  | 87.6      | 72.5295 | 51.2892 |
| 2009 | 6     | 13  | 19   | 50     | 28     | 0.3       | 1.6     | 0.91  | 85.7      | 72.4037 | 52.5926 |
| 2009 | 6     | 13  | 20   | 5      | 28     | 0.3       | 1.6     | 0.93  | 88.4      | 72.4037 | 52.9845 |
| 2009 | 6     | 13  | 20   | 20     | 28     | 0.3       | 1.6     | 0.9   | 89.8      | 72.4037 | 52.3575 |
| 2009 | 6     | 13  | 20   | 35     | 28     | 0.3       | 1.6     | 0.93  | 88.6      | 72.4037 | 53.0629 |
| 2009 | 6     | 13  | 20   | 50     | 28     | 0.3       | 1.6     | 0.91  | 88.8      | 72.278  | 52.4815 |
| 2009 | 6     | 13  | 21   | 5      | 28     | 0.3       | 1.6     | 0.91  | 90        | 72.278  | 52.5597 |
| 2009 | 6     | 13  | 21   | 20     | 28     | 0.3       | 1.6     | 0.85  | 90.7      | 72.278  | 51.1526 |
| 2009 | 6     | 13  | 21   | 35     | 28     | 0.3       | 1.6     | 0.91  | 89.2      | 72.278  | 52.5597 |
| 2009 | 6     | 13  | 21   | 50     | 28     | 0.3       | 1.6     | 0.9   | 92.9      | 72.278  | 52.1688 |
| 2009 | 6     | 13  | 22   | 5      | 28     | 0.3       | 1.6     | 0.96  | 90.4      | 72.278  | 53.6542 |
| 2009 | 6     | 13  | 22   | 20     | 28     | 0.3       | 1.6     | 0.94  | 88.4      | 72.4037 | 53.3764 |
| 2009 | 6     | 13  | 22   | 35     | 28     | 0.3       | 1.6     | 0.94  | 87.2      | 72.4037 | 53.2981 |
| 2009 | 6     | 13  | 22   | 50     | 28     | 0.3       | 1.6     | 0.89  | 90        | 72.4037 | 52.2007 |
| 2009 | 6     | 13  | 23   | 5      | 28     | 0.3       | 1.6     | 0.92  | 89.4      | 72.4037 | 52.8278 |
| 2009 | 6     | 13  | 23   | 20     | 28     | 0.3       | 1.6     | 0.91  | 90.2      | 72.4037 | 52.671  |
| 2009 | 6     | 13  | 23   | 35     | 28     | 0.3       | 1.6     | 0.86  | 88.5      | 72.4037 | 51.3385 |
| 2009 | 6     | 13  | 23   | 50     | 28     | 0.3       | 1.6     | 0.94  | 88.2      | 72.4037 | 53.2981 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 14  | 0    | 5      | 28     | 0.3       | 1.6     | 0.9   | 90.6      | 72.4037 | 52.4359 |
| 2009 | 6     | 14  | 0    | 20     | 28     | 0.3       | 1.6     | 0.9   | 88.3      | 72.4037 | 52.4359 |
| 2009 | 6     | 14  | 0    | 35     | 28     | 0.3       | 1.6     | 0.93  | 91        | 72.4037 | 52.9845 |
| 2009 | 6     | 14  | 0    | 50     | 28     | 0.3       | 1.6     | 0.91  | 89.4      | 72.4037 | 52.5142 |
| 2009 | 6     | 14  | 1    | 5      | 28     | 0.3       | 1.6     | 0.91  | 90.4      | 72.4037 | 52.5142 |
| 2009 | 6     | 14  | 1    | 20     | 28     | 0.3       | 1.6     | 0.92  | 90.2      | 72.4037 | 52.9062 |
| 2009 | 6     | 14  | 1    | 35     | 28     | 0.3       | 1.6     | 0.92  | 91.8      | 72.4037 | 52.9062 |
| 2009 | 6     | 14  | 1    | 50     | 28     | 0.3       | 1.6     | 0.84  | 90.7      | 72.4037 | 50.8682 |
| 2009 | 6     | 14  | 2    | 5      | 28     | 0.3       | 1.6     | 0.9   | 90.8      | 72.5295 | 52.5466 |
| 2009 | 6     | 14  | 2    | 20     | 28     | 0.3       | 1.6     | 0.91  | 89.6      | 72.4037 | 52.5926 |
| 2009 | 6     | 14  | 2    | 35     | 28     | 0.3       | 1.6     | 0.9   | 91.5      | 72.4037 | 52.4359 |
| 2009 | 6     | 14  | 2    | 50     | 28     | 0.3       | 1.6     | 0.92  | 89        | 72.5295 | 52.9396 |
| 2009 | 6     | 14  | 3    | 5      | 28     | 0.3       | 1.6     | 0.84  | 91.3      | 72.5295 | 50.9749 |
| 2009 | 6     | 14  | 3    | 20     | 28     | 0.3       | 1.6     | 0.91  | 89.4      | 72.5295 | 52.6252 |
| 2009 | 6     | 14  | 3    | 35     | 28     | 0.3       | 1.6     | 0.91  | 89.4      | 72.6554 | 52.7364 |
| 2009 | 6     | 14  | 3    | 50     | 28     | 0.3       | 1.6     | 0.9   | 90.8      | 72.6554 | 52.5788 |
| 2009 | 6     | 14  | 4    | 5      | 28     | 0.3       | 1.6     | 0.87  | 87.4      | 72.6554 | 51.8696 |
| 2009 | 6     | 14  | 4    | 20     | 28     | 0.3       | 1.6     | 0.91  | 91        | 72.6554 | 52.894  |
| 2009 | 6     | 14  | 4    | 35     | 28     | 0.3       | 1.6     | 0.91  | 90.4      | 72.7813 | 53.0056 |
| 2009 | 6     | 14  | 4    | 50     | 28     | 0.3       | 1.6     | 0.94  | 90        | 72.9072 | 53.7511 |
| 2009 | 6     | 14  | 5    | 5      | 28     | 0.3       | 1.6     | 0.97  | 89.4      | 72.9072 | 54.6225 |
| 2009 | 6     | 14  | 5    | 20     | 28     | 0.3       | 1.6     | 0.94  | 89.4      | 72.7813 | 53.6377 |
| 2009 | 6     | 14  | 5    | 35     | 28     | 0.3       | 1.6     | 0.92  | 86.9      | 72.9072 | 53.2758 |
| 2009 | 6     | 14  | 5    | 50     | 28     | 0.3       | 1.6     | 0.93  | 90.6      | 73.0333 | 53.547  |
| 2009 | 6     | 14  | 6    | 5      | 28     | 0.3       | 1.6     | 0.96  | 90.6      | 73.0333 | 54.5001 |
| 2009 | 6     | 14  | 6    | 20     | 28     | 0.3       | 1.6     | 0.96  | 90        | 73.0333 | 54.4206 |
| 2009 | 6     | 14  | 6    | 35     | 28     | 0.3       | 1.6     | 0.96  | 90        | 73.0333 | 54.4206 |
| 2009 | 6     | 14  | 6    | 50     | 28     | 0.3       | 1.6     | 0.93  | 89.6      | 73.0333 | 53.6264 |
| 2009 | 6     | 14  | 7    | 5      | 28     | 0.3       | 1.6     | 0.93  | 89.8      | 73.0333 | 53.547  |
| 2009 | 6     | 14  | 7    | 20     | 28     | 0.3       | 1.6     | 0.92  | 89.2      | 73.0333 | 53.3087 |
| 2009 | 6     | 14  | 7    | 35     | 28     | 0.3       | 1.6     | 0.85  | 91.1      | 73.0333 | 51.7996 |
| 2009 | 6     | 14  | 7    | 50     | 28     | 0.3       | 1.6     | 0.9   | 91.5      | 73.0333 | 52.8322 |
| 2009 | 6     | 14  | 8    | 5      | 28     | 0.3       | 1.6     | 0.9   | 89.8      | 73.0333 | 52.9116 |
| 2009 | 6     | 14  | 8    | 20     | 28     | 0.3       | 1.6     | 0.88  | 91.3      | 73.0333 | 52.3556 |
| 2009 | 6     | 14  | 8    | 35     | 28     | 0.3       | 1.6     | 0.92  | 90.8      | 73.0333 | 53.3087 |
| 2009 | 6     | 14  | 8    | 50     | 28     | 0.3       | 1.6     | 0.87  | 93        | 73.0333 | 52.1968 |
| 2009 | 6     | 14  | 9    | 5      | 28     | 0.3       | 1.6     | 0.9   | 90.4      | 73.0333 | 52.8322 |
| 2009 | 6     | 14  | 9    | 20     | 28     | 0.3       | 1.6     | 0.9   | 90.2      | 73.0333 | 52.9116 |
| 2009 | 6     | 14  | 9    | 35     | 28     | 0.3       | 1.6     | 0.91  | 90.8      | 73.0333 | 53.0704 |
| 2009 | 6     | 14  | 9    | 50     | 28     | 0.3       | 1.6     | 0.95  | 90.6      | 73.0333 | 54.1029 |
| 2009 | 6     | 14  | 10   | 5      | 28     | 0.3       | 1.6     | 0.97  | 90.2      | 73.1594 | 54.695  |
| 2009 | 6     | 14  | 10   | 20     | 28     | 0.3       | 1.6     | 0.9   | 92.9      | 73.1594 | 53.1024 |
| 2009 | 6     | 14  | 10   | 35     | 28     | 0.3       | 1.6     | 0.94  | 90.2      | 73.1594 | 53.8987 |
| 2009 | 6     | 14  | 10   | 50     | 28     | 0.3       | 1.6     | 0.98  | 90.4      | 73.1594 | 55.0136 |
| 2009 | 6     | 14  | 11   | 5      | 28     | 0.3       | 1.6     | 1.01  | 90.4      | 73.1594 | 55.7303 |
| 2009 | 6     | 14  | 11   | 20     | 28     | 0.3       | 1.6     | 1.03  | 90        | 73.1594 | 56.2877 |
| 2009 | 6     | 14  | 11   | 35     | 28     | 0.3       | 1.6     | 1.04  | 89.8      | 73.1594 | 56.447  |
| 2009 | 6     | 14  | 11   | 50     | 28     | 0.3       | 1.6     | 1.03  | 89.3      | 73.1594 | 56.2877 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 14  | 12   | 5      | 28     | 0.3       | 1.6     | 0.99  | 88.3      | 73.1594 | 55.1728 |
| 2009 | 6     | 14  | 12   | 20     | 28     | 0.3       | 1.6     | 1.02  | 89.8      | 73.2856 | 56.168  |
| 2009 | 6     | 14  | 12   | 35     | 28     | 0.3       | 1.6     | 1.03  | 88.5      | 73.2856 | 56.3277 |
| 2009 | 6     | 14  | 12   | 50     | 28     | 0.3       | 1.6     | 1.01  | 89.8      | 73.2856 | 55.7688 |
| 2009 | 6     | 14  | 13   | 5      | 28     | 0.3       | 1.6     | 1.02  | 89.3      | 73.2856 | 56.168  |
| 2009 | 6     | 14  | 13   | 20     | 28     | 0.3       | 1.6     | 1.03  | 88.5      | 73.2856 | 56.2479 |
| 2009 | 6     | 14  | 13   | 35     | 28     | 0.3       | 1.6     | 1.07  | 88.2      | 73.2856 | 57.206  |
| 2009 | 6     | 14  | 13   | 50     | 28     | 0.3       | 1.6     | 1.02  | 88.3      | 73.1594 | 55.9692 |
| 2009 | 6     | 14  | 14   | 5      | 28     | 0.3       | 1.6     | 1     | 88.5      | 73.1594 | 55.4914 |
| 2009 | 6     | 14  | 14   | 20     | 28     | 0.3       | 1.6     | 1.06  | 90.7      | 73.2856 | 57.1262 |
| 2009 | 6     | 14  | 14   | 35     | 28     | 0.3       | 1.6     | 1.03  | 88        | 73.2856 | 56.3277 |
| 2009 | 6     | 14  | 14   | 50     | 28     | 0.3       | 1.6     | 1.03  | 88.4      | 73.2856 | 56.3277 |
| 2009 | 6     | 14  | 15   | 5      | 28     | 0.3       | 1.6     | 0.99  | 88.7      | 73.2856 | 55.2898 |
| 2009 | 6     | 14  | 15   | 20     | 28     | 0.3       | 1.6     | 1.03  | 90.4      | 73.2856 | 56.3277 |
| 2009 | 6     | 14  | 15   | 35     | 28     | 0.3       | 1.6     | 0.97  | 89.2      | 73.1594 | 54.695  |
| 2009 | 6     | 14  | 15   | 50     | 28     | 0.3       | 1.6     | 1.03  | 89.1      | 73.2856 | 56.3277 |
| 2009 | 6     | 14  | 16   | 5      | 28     | 0.3       | 1.6     | 1.02  | 88        | 73.2856 | 56.0084 |
| 2009 | 6     | 14  | 16   | 20     | 28     | 0.3       | 1.6     | 1.02  | 89.4      | 73.2856 | 56.0084 |
| 2009 | 6     | 14  | 16   | 35     | 28     | 0.3       | 1.6     | 1.04  | 88.7      | 73.1594 | 56.447  |
| 2009 | 6     | 14  | 16   | 50     | 28     | 0.3       | 1.6     | 1.06  | 89.5      | 73.2856 | 57.0463 |
| 2009 | 6     | 14  | 17   | 5      | 28     | 0.3       | 1.6     | 1.05  | 87.7      | 73.1594 | 56.6859 |
| 2009 | 6     | 14  | 17   | 20     | 28     | 0.3       | 1.6     | 1.01  | 87.4      | 73.2856 | 55.7688 |
| 2009 | 6     | 14  | 17   | 35     | 28     | 0.3       | 1.6     | 1.07  | 90.7      | 73.2856 | 57.206  |
| 2009 | 6     | 14  | 17   | 50     | 28     | 0.3       | 1.6     | 1     | 89.8      | 73.2856 | 55.689  |
| 2009 | 6     | 14  | 18   | 5      | 28     | 0.3       | 1.6     | 1.01  | 90        | 73.2856 | 55.7688 |
| 2009 | 6     | 14  | 18   | 20     | 28     | 0.3       | 1.6     | 1.02  | 90        | 73.2856 | 56.0084 |
| 2009 | 6     | 14  | 18   | 35     | 28     | 0.3       | 1.6     | 1.02  | 90        | 73.2856 | 56.0882 |
| 2009 | 6     | 14  | 18   | 50     | 28     | 0.3       | 1.6     | 0.99  | 89.2      | 73.2856 | 55.4494 |
| 2009 | 6     | 14  | 19   | 5      | 28     | 0.3       | 1.6     | 1.01  | 89.3      | 73.2856 | 55.8487 |
| 2009 | 6     | 14  | 19   | 20     | 28     | 0.3       | 1.6     | 0.99  | 90.8      | 73.2856 | 55.3696 |
| 2009 | 6     | 14  | 19   | 35     | 28     | 0.3       | 1.6     | 0.95  | 88        | 73.4118 | 54.3661 |
| 2009 | 6     | 14  | 19   | 50     | 28     | 0.3       | 1.6     | 1     | 89.2      | 73.4118 | 55.7271 |
| 2009 | 6     | 14  | 20   | 5      | 28     | 0.3       | 1.6     | 1.01  | 89.3      | 73.4118 | 55.8872 |
| 2009 | 6     | 14  | 20   | 20     | 28     | 0.3       | 1.6     | 0.94  | 89.8      | 73.4118 | 54.3661 |
| 2009 | 6     | 14  | 20   | 35     | 28     | 0.3       | 1.6     | 1.01  | 91.3      | 73.4118 | 55.8872 |
| 2009 | 6     | 14  | 20   | 50     | 28     | 0.3       | 1.6     | 0.98  | 90.6      | 73.4118 | 55.3268 |
| 2009 | 6     | 14  | 21   | 5      | 28     | 0.3       | 1.6     | 0.99  | 90        | 73.4118 | 55.4068 |
| 2009 | 6     | 14  | 21   | 20     | 28     | 0.3       | 1.6     | 1.02  | 90.2      | 73.4118 | 56.1273 |
| 2009 | 6     | 14  | 21   | 35     | 28     | 0.3       | 1.6     | 0.97  | 88.5      | 73.4118 | 55.0866 |
| 2009 | 6     | 14  | 21   | 50     | 28     | 0.3       | 1.6     | 0.99  | 87.3      | 73.4118 | 55.4869 |
| 2009 | 6     | 14  | 22   | 5      | 28     | 0.3       | 1.6     | 0.96  | 89.6      | 73.4118 | 54.8465 |
| 2009 | 6     | 14  | 22   | 20     | 28     | 0.3       | 1.6     | 1     | 90        | 73.4118 | 55.7271 |
| 2009 | 6     | 14  | 22   | 35     | 28     | 0.3       | 1.6     | 0.98  | 92.3      | 73.4118 | 55.1667 |
| 2009 | 6     | 14  | 22   | 50     | 28     | 0.3       | 1.6     | 1.03  | 89.1      | 73.5381 | 56.5674 |
| 2009 | 6     | 14  | 23   | 5      | 28     | 0.3       | 1.6     | 1     | 88.7      | 73.4118 | 55.647  |
| 2009 | 6     | 14  | 23   | 20     | 28     | 0.3       | 1.6     | 1.03  | 87.3      | 73.5381 | 56.5674 |
| 2009 | 6     | 14  | 23   | 35     | 28     | 0.3       | 1.6     | 0.97  | 90.6      | 73.5381 | 55.203  |
| 2009 | 6     | 14  | 23   | 50     | 28     | 0.3       | 1.6     | 1.03  | 89.8      | 73.5381 | 56.6477 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 15  | 0    | 5      | 28     | 0.3       | 1.6     | 0.97  | 88.3      | 73.5381 | 55.0424 |
| 2009 | 6     | 15  | 0    | 20     | 28     | 0.3       | 1.6     | 0.92  | 88.6      | 73.5381 | 53.9187 |
| 2009 | 6     | 15  | 0    | 35     | 28     | 0.3       | 1.6     | 0.99  | 88.5      | 73.5381 | 55.6845 |
| 2009 | 6     | 15  | 0    | 50     | 28     | 0.3       | 1.6     | 1     | 89.4      | 73.5381 | 55.8451 |
| 2009 | 6     | 15  | 1    | 5      | 28     | 0.3       | 1.6     | 1.04  | 88.7      | 73.5381 | 56.8082 |
| 2009 | 6     | 15  | 1    | 20     | 28     | 0.3       | 1.6     | 1.02  | 87.8      | 73.5381 | 56.4069 |
| 2009 | 6     | 15  | 1    | 35     | 28     | 0.3       | 1.6     | 1.01  | 90        | 73.5381 | 56.0056 |
| 2009 | 6     | 15  | 1    | 50     | 28     | 0.3       | 1.6     | 1.04  | 88        | 73.5381 | 56.728  |
| 2009 | 6     | 15  | 2    | 5      | 28     | 0.3       | 1.6     | 0.99  | 91.5      | 73.5381 | 55.6043 |
| 2009 | 6     | 15  | 2    | 20     | 28     | 0.3       | 1.6     | 0.96  | 88.6      | 73.5381 | 54.9622 |
| 2009 | 6     | 15  | 2    | 35     | 28     | 0.3       | 1.6     | 0.98  | 89.2      | 73.5381 | 55.2832 |
| 2009 | 6     | 15  | 2    | 50     | 28     | 0.3       | 1.6     | 0.94  | 88.2      | 73.5381 | 54.3201 |
| 2009 | 6     | 15  | 3    | 5      | 28     | 0.3       | 1.6     | 0.97  | 88.3      | 73.5381 | 55.203  |
| 2009 | 6     | 15  | 3    | 20     | 28     | 0.3       | 1.6     | 1     | 89.2      | 73.5381 | 55.8451 |
| 2009 | 6     | 15  | 3    | 35     | 28     | 0.3       | 1.6     | 1.02  | 89.1      | 73.5381 | 56.2464 |
| 2009 | 6     | 15  | 3    | 50     | 28     | 0.3       | 1.6     | 0.99  | 89.2      | 73.6645 | 55.8023 |
| 2009 | 6     | 15  | 4    | 5      | 28     | 0.3       | 1.6     | 1.02  | 90.9      | 73.5381 | 56.4069 |
| 2009 | 6     | 15  | 4    | 20     | 28     | 0.3       | 1.6     | 0.98  | 90.4      | 73.5381 | 55.3635 |
| 2009 | 6     | 15  | 4    | 35     | 28     | 0.3       | 1.6     | 1.02  | 89.8      | 73.6645 | 56.4461 |
| 2009 | 6     | 15  | 4    | 50     | 28     | 0.3       | 1.6     | 1     | 90        | 73.6645 | 56.0437 |
| 2009 | 6     | 15  | 5    | 5      | 28     | 0.3       | 1.6     | 0.98  | 92.1      | 73.6645 | 55.4804 |
| 2009 | 6     | 15  | 5    | 20     | 28     | 0.3       | 1.6     | 1.01  | 88.9      | 73.6645 | 56.1242 |
| 2009 | 6     | 15  | 5    | 35     | 28     | 0.3       | 1.6     | 1.02  | 90.4      | 73.6645 | 56.3656 |
| 2009 | 6     | 15  | 5    | 50     | 28     | 0.3       | 1.6     | 0.96  | 89.8      | 73.6645 | 54.9975 |
| 2009 | 6     | 15  | 6    | 5      | 28     | 0.3       | 1.6     | 0.96  | 93.1      | 73.6645 | 54.8366 |
| 2009 | 6     | 15  | 6    | 20     | 28     | 0.3       | 1.6     | 1.04  | 89.8      | 73.6645 | 56.9289 |
| 2009 | 6     | 15  | 6    | 35     | 28     | 0.3       | 1.6     | 0.97  | 90.4      | 73.6645 | 55.3194 |
| 2009 | 6     | 15  | 6    | 50     | 28     | 0.3       | 1.6     | 0.97  | 88.2      | 73.6645 | 55.078  |
| 2009 | 6     | 15  | 7    | 5      | 28     | 0.3       | 1.6     | 0.96  | 90        | 73.6645 | 55.078  |
| 2009 | 6     | 15  | 7    | 20     | 28     | 0.3       | 1.6     | 0.97  | 88.6      | 73.6645 | 55.1585 |
| 2009 | 6     | 15  | 7    | 35     | 28     | 0.3       | 1.6     | 0.91  | 88.1      | 73.6645 | 53.7904 |
| 2009 | 6     | 15  | 7    | 50     | 28     | 0.3       | 1.6     | 0.94  | 89.4      | 73.7909 | 54.6291 |
| 2009 | 6     | 15  | 8    | 5      | 28     | 0.3       | 1.6     | 0.94  | 90        | 73.7909 | 54.6291 |
| 2009 | 6     | 15  | 8    | 20     | 28     | 0.3       | 1.6     | 0.93  | 90        | 73.6645 | 54.1123 |
| 2009 | 6     | 15  | 8    | 35     | 28     | 0.3       | 1.6     | 0.95  | 90        | 73.7909 | 54.7905 |
| 2009 | 6     | 15  | 8    | 50     | 28     | 0.3       | 1.6     | 0.9   | 89.8      | 74.1706 | 53.9161 |
| 2009 | 6     | 15  | 9    | 5      | 28     | 0.3       | 1.6     | 0.93  | 91.6      | 74.5508 | 55.0726 |
| 2009 | 6     | 15  | 9    | 20     | 28     | 0.3       | 1.6     | 0.94  | 88.4      | 74.5508 | 55.2365 |
| 2009 | 6     | 15  | 9    | 35     | 28     | 0.3       | 1.6     | 0.92  | 90.8      | 74.5508 | 54.6628 |
| 2009 | 6     | 15  | 9    | 50     | 28     | 0.3       | 1.6     | 0.91  | 91        | 74.5508 | 54.5809 |
| 2009 | 6     | 15  | 10   | 5      | 28     | 0.3       | 1.6     | 0.91  | 88.1      | 74.424  | 54.3859 |
| 2009 | 6     | 15  | 10   | 20     | 28     | 0.3       | 1.6     | 0.98  | 89.4      | 74.424  | 56.266  |
| 2009 | 6     | 15  | 10   | 35     | 28     | 0.3       | 1.6     | 0.94  | 89.6      | 74.2973 | 55.1698 |
| 2009 | 6     | 15  | 10   | 50     | 28     | 0.3       | 1.6     | 0.99  | 90.9      | 73.7909 | 55.9201 |
| 2009 | 6     | 15  | 11   | 5      | 28     | 0.3       | 1.6     | 0.96  | 89.2      | 73.6645 | 54.9975 |
| 2009 | 6     | 15  | 11   | 20     | 28     | 0.3       | 1.6     | 0.99  | 89.6      | 73.6645 | 55.8023 |
| 2009 | 6     | 15  | 11   | 35     | 28     | 0.3       | 1.6     | 0.93  | 89.4      | 73.5381 | 53.999  |
| 2009 | 6     | 15  | 11   | 50     | 28     | 0.3       | 1.6     | 0.98  | 89.4      | 73.6645 | 55.5608 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 15  | 12   | 5      | 28     | 0.3       | 1.6     | 0.97  | 89        | 73.6645 | 55.1585 |
| 2009 | 6     | 15  | 12   | 20     | 28     | 0.3       | 1.6     | 0.93  | 90.4      | 73.5381 | 54.1595 |
| 2009 | 6     | 15  | 12   | 35     | 28     | 0.3       | 1.6     | 1.01  | 89.1      | 73.5381 | 56.0056 |
| 2009 | 6     | 15  | 12   | 50     | 28     | 0.3       | 1.6     | 0.98  | 90.8      | 73.5381 | 55.4438 |
| 2009 | 6     | 15  | 13   | 5      | 28     | 0.3       | 1.6     | 1.01  | 88.5      | 73.5381 | 56.0859 |
| 2009 | 6     | 15  | 13   | 20     | 28     | 0.3       | 1.6     | 0.97  | 88.1      | 73.5381 | 55.203  |
| 2009 | 6     | 15  | 13   | 35     | 28     | 0.3       | 1.6     | 1.01  | 89.4      | 73.5381 | 56.0859 |
| 2009 | 6     | 15  | 13   | 50     | 28     | 0.3       | 1.6     | 0.95  | 89.4      | 73.5381 | 54.7214 |
| 2009 | 6     | 15  | 14   | 5      | 28     | 0.3       | 1.6     | 1.04  | 89.5      | 73.5381 | 56.728  |
| 2009 | 6     | 15  | 14   | 20     | 28     | 0.3       | 1.6     | 1.01  | 87.8      | 73.5381 | 56.0056 |
| 2009 | 6     | 15  | 14   | 35     | 28     | 0.3       | 1.6     | 0.97  | 90.4      | 73.5381 | 55.0424 |
| 2009 | 6     | 15  | 14   | 50     | 28     | 0.3       | 1.6     | 0.89  | 89.2      | 73.5381 | 53.0358 |
| 2009 | 6     | 15  | 15   | 5      | 28     | 0.3       | 1.6     | 0.95  | 89.2      | 73.5381 | 54.6411 |
| 2009 | 6     | 15  | 15   | 20     | 28     | 0.3       | 1.6     | 0.89  | 86.8      | 73.5381 | 53.1964 |
| 2009 | 6     | 15  | 15   | 35     | 28     | 0.3       | 1.6     | 0.84  | 90        | 73.5381 | 51.9924 |
| 2009 | 6     | 15  | 15   | 50     | 28     | 0.3       | 1.6     | 0.92  | 87.5      | 73.5381 | 53.8385 |
| 2009 | 6     | 15  | 16   | 5      | 28     | 0.3       | 1.6     | 0.87  | 90        | 73.5381 | 52.7148 |
| 2009 | 6     | 15  | 16   | 20     | 28     | 0.3       | 1.6     | 0.93  | 90.8      | 73.5381 | 54.1595 |
| 2009 | 6     | 15  | 16   | 35     | 28     | 0.3       | 1.6     | 0.92  | 86.9      | 73.5381 | 53.7582 |
| 2009 | 6     | 15  | 16   | 50     | 28     | 0.3       | 1.6     | 1     | 88.5      | 73.5381 | 55.7648 |
| 2009 | 6     | 15  | 17   | 5      | 28     | 0.3       | 1.6     | 0.91  | 91        | 73.4118 | 53.4856 |
| 2009 | 6     | 15  | 17   | 20     | 28     | 0.3       | 1.6     | 0.9   | 89.2      | 73.5381 | 53.2766 |
| 2009 | 6     | 15  | 17   | 35     | 28     | 0.3       | 1.6     | 0.87  | 88.9      | 73.5381 | 52.5543 |
| 2009 | 6     | 15  | 17   | 50     | 28     | 0.3       | 1.6     | 0.93  | 88.4      | 73.4118 | 53.9659 |
| 2009 | 6     | 15  | 18   | 5      | 28     | 0.3       | 1.6     | 0.99  | 91.3      | 73.4118 | 55.4869 |
| 2009 | 6     | 15  | 18   | 20     | 28     | 0.3       | 1.6     | 0.96  | 89.4      | 73.4118 | 54.7664 |
| 2009 | 6     | 15  | 18   | 35     | 28     | 0.3       | 1.6     | 0.88  | 90.9      | 73.5381 | 52.7951 |
| 2009 | 6     | 15  | 18   | 50     | 28     | 0.3       | 1.6     | 0.91  | 88.8      | 73.5381 | 53.678  |
| 2009 | 6     | 15  | 19   | 5      | 28     | 0.3       | 1.6     | 0.97  | 87.9      | 73.4118 | 54.8465 |
| 2009 | 6     | 15  | 19   | 20     | 28     | 0.3       | 1.6     | 0.84  | 87.1      | 73.4118 | 51.7244 |
| 2009 | 6     | 15  | 19   | 35     | 28     | 0.3       | 1.6     | 0.85  | 89.1      | 73.2856 | 51.8565 |
| 2009 | 6     | 15  | 19   | 50     | 28     | 0.3       | 1.6     | 0.86  | 92        | 73.2856 | 52.1759 |
| 2009 | 6     | 15  | 20   | 5      | 28     | 0.3       | 1.6     | 0.82  | 90        | 73.2856 | 51.2976 |
| 2009 | 6     | 15  | 20   | 20     | 28     | 0.3       | 1.6     | 0.84  | 89.1      | 73.0333 | 51.4819 |
| 2009 | 6     | 15  | 20   | 35     | 28     | 0.3       | 1.6     | 0.85  | 91.5      | 73.1594 | 51.8282 |
| 2009 | 6     | 15  | 20   | 50     | 28     | 0.3       | 1.6     | 0.89  | 88.1      | 73.1594 | 52.7042 |
| 2009 | 6     | 15  | 21   | 5      | 28     | 0.3       | 1.6     | 0.84  | 88        | 73.1594 | 51.669  |
| 2009 | 6     | 15  | 21   | 20     | 28     | 0.3       | 1.6     | 0.86  | 91.3      | 73.1594 | 51.9875 |
| 2009 | 6     | 15  | 21   | 35     | 28     | 0.3       | 1.6     | 0.85  | 88.7      | 73.1594 | 51.9079 |
| 2009 | 6     | 15  | 21   | 50     | 28     | 0.3       | 1.6     | 0.85  | 88.7      | 73.0333 | 51.7996 |
| 2009 | 6     | 15  | 22   | 5      | 28     | 0.3       | 1.6     | 0.85  | 90.9      | 73.1594 | 51.7486 |
| 2009 | 6     | 15  | 22   | 20     | 28     | 0.3       | 1.6     | 0.83  | 87.1      | 73.1594 | 51.4301 |
| 2009 | 6     | 15  | 22   | 35     | 28     | 0.3       | 1.6     | 0.86  | 91.1      | 73.0333 | 51.9585 |
| 2009 | 6     | 15  | 22   | 50     | 28     | 0.3       | 1.6     | 0.83  | 90        | 73.1594 | 51.2708 |
| 2009 | 6     | 15  | 23   | 5      | 28     | 0.3       | 1.6     | 0.82  | 90.7      | 73.0333 | 51.0848 |
| 2009 | 6     | 15  | 23   | 20     | 28     | 0.3       | 1.6     | 0.85  | 90.7      | 73.1594 | 51.9079 |
| 2009 | 6     | 15  | 23   | 35     | 28     | 0.3       | 1.6     | 0.83  | 90.2      | 73.0333 | 51.2437 |
| 2009 | 6     | 15  | 23   | 50     | 28     | 0.3       | 1.6     | 0.85  | 90.2      | 73.0333 | 51.6408 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 16  | 0    | 5      | 28     | 0.3       | 1.6     | 0.84  | 92.2      | 73.0333 | 51.5614 |
| 2009 | 6     | 16  | 0    | 20     | 28     | 0.3       | 1.6     | 0.88  | 90        | 73.0333 | 52.5145 |
| 2009 | 6     | 16  | 0    | 35     | 28     | 0.3       | 1.6     | 0.87  | 89.6      | 73.0333 | 52.1968 |
| 2009 | 6     | 16  | 0    | 50     | 28     | 0.3       | 1.6     | 0.85  | 91.5      | 73.1594 | 51.9079 |
| 2009 | 6     | 16  | 1    | 5      | 28     | 0.3       | 1.6     | 0.89  | 88.1      | 73.1594 | 52.8635 |
| 2009 | 6     | 16  | 1    | 20     | 28     | 0.3       | 1.6     | 0.8   | 89.1      | 73.1594 | 50.7134 |
| 2009 | 6     | 16  | 1    | 35     | 28     | 0.3       | 1.6     | 0.88  | 90        | 73.0333 | 52.3556 |
| 2009 | 6     | 16  | 1    | 50     | 28     | 0.3       | 1.6     | 0.88  | 90        | 73.0333 | 52.3556 |
| 2009 | 6     | 16  | 2    | 5      | 28     | 0.3       | 1.6     | 0.83  | 92.7      | 73.0333 | 51.1642 |
| 2009 | 6     | 16  | 2    | 20     | 28     | 0.3       | 1.6     | 0.86  | 88.9      | 73.0333 | 52.0379 |
| 2009 | 6     | 16  | 2    | 35     | 28     | 0.3       | 1.6     | 0.84  | 90        | 73.1594 | 51.669  |
| 2009 | 6     | 16  | 2    | 50     | 28     | 0.3       | 1.6     | 0.87  | 88.3      | 73.1594 | 52.2264 |
| 2009 | 6     | 16  | 3    | 5      | 28     | 0.3       | 1.6     | 0.91  | 91.9      | 73.1594 | 53.2616 |
| 2009 | 6     | 16  | 3    | 20     | 28     | 0.3       | 1.6     | 0.89  | 88.5      | 73.1594 | 52.8635 |
| 2009 | 6     | 16  | 3    | 35     | 28     | 0.3       | 1.6     | 0.89  | 89.6      | 73.1594 | 52.7838 |
| 2009 | 6     | 16  | 3    | 50     | 28     | 0.3       | 1.6     | 0.85  | 89.3      | 73.1594 | 51.9079 |
| 2009 | 6     | 16  | 4    | 5      | 28     | 0.3       | 1.6     | 0.91  | 89        | 73.1594 | 53.182  |
| 2009 | 6     | 16  | 4    | 20     | 28     | 0.3       | 1.6     | 0.87  | 90.4      | 73.1594 | 52.3857 |
| 2009 | 6     | 16  | 4    | 35     | 28     | 0.3       | 1.6     | 0.9   | 89        | 73.2856 | 53.2138 |
| 2009 | 6     | 16  | 4    | 50     | 28     | 0.3       | 1.6     | 0.89  | 88.5      | 73.2856 | 52.8146 |
| 2009 | 6     | 16  | 5    | 5      | 28     | 0.3       | 1.6     | 0.88  | 88.7      | 73.2856 | 52.7348 |
| 2009 | 6     | 16  | 5    | 20     | 28     | 0.3       | 1.6     | 0.9   | 89.2      | 73.2856 | 53.2138 |
| 2009 | 6     | 16  | 5    | 35     | 28     | 0.3       | 1.6     | 0.92  | 90.6      | 73.2856 | 53.6131 |
| 2009 | 6     | 16  | 5    | 50     | 28     | 0.3       | 1.6     | 0.88  | 90.6      | 73.2856 | 52.5751 |
| 2009 | 6     | 16  | 6    | 5      | 28     | 0.3       | 1.6     | 0.9   | 90        | 73.2856 | 53.0542 |
| 2009 | 6     | 16  | 6    | 20     | 28     | 0.3       | 1.6     | 0.88  | 90        | 73.2856 | 52.6549 |
| 2009 | 6     | 16  | 6    | 35     | 28     | 0.3       | 1.6     | 0.88  | 90.6      | 73.2856 | 52.7348 |
| 2009 | 6     | 16  | 6    | 50     | 28     | 0.3       | 1.6     | 0.89  | 89.2      | 73.2856 | 52.9743 |
| 2009 | 6     | 16  | 7    | 5      | 28     | 0.3       | 1.6     | 0.88  | 91.9      | 73.2856 | 52.7348 |
| 2009 | 6     | 16  | 7    | 20     | 28     | 0.3       | 1.6     | 0.89  | 89.2      | 73.2856 | 52.8146 |
| 2009 | 6     | 16  | 7    | 35     | 28     | 0.3       | 1.6     | 0.88  | 92.4      | 73.2856 | 52.5751 |
| 2009 | 6     | 16  | 7    | 50     | 28     | 0.3       | 1.6     | 0.89  | 90.6      | 73.2856 | 52.8146 |
| 2009 | 6     | 16  | 8    | 5      | 28     | 0.3       | 1.6     | 0.87  | 92        | 73.2856 | 52.3356 |
| 2009 | 6     | 16  | 8    | 20     | 28     | 0.3       | 1.6     | 0.89  | 88.7      | 73.2856 | 52.8146 |
| 2009 | 6     | 16  | 8    | 35     | 28     | 0.3       | 1.6     | 0.85  | 91.8      | 73.2856 | 52.0162 |
| 2009 | 6     | 16  | 8    | 50     | 28     | 0.3       | 1.6     | 0.9   | 91.2      | 73.2856 | 53.2138 |
| 2009 | 6     | 16  | 9    | 5      | 28     | 0.3       | 1.6     | 0.83  | 92        | 73.2856 | 51.5371 |
| 2009 | 6     | 16  | 9    | 20     | 28     | 0.3       | 1.6     | 0.89  | 91.1      | 73.2856 | 52.8945 |
| 2009 | 6     | 16  | 9    | 35     | 28     | 0.3       | 1.6     | 0.86  | 92.2      | 73.2856 | 52.2557 |
| 2009 | 6     | 16  | 9    | 50     | 28     | 0.3       | 1.6     | 0.87  | 91.1      | 73.2856 | 52.4953 |
| 2009 | 6     | 16  | 10   | 5      | 28     | 0.3       | 1.6     | 0.89  | 92.3      | 73.2856 | 52.9743 |
| 2009 | 6     | 16  | 10   | 20     | 28     | 0.3       | 1.6     | 0.87  | 92.8      | 73.2856 | 52.4154 |
| 2009 | 6     | 16  | 10   | 35     | 28     | 0.3       | 1.6     | 0.89  | 92.3      | 73.2856 | 52.9743 |
| 2009 | 6     | 16  | 10   | 50     | 28     | 0.3       | 1.6     | 0.92  | 92.4      | 73.2856 | 53.6929 |
| 2009 | 6     | 16  | 11   | 5      | 28     | 0.3       | 1.6     | 0.87  | 91.1      | 73.4118 | 52.605  |
| 2009 | 6     | 16  | 11   | 20     | 28     | 0.3       | 1.6     | 0.88  | 92.4      | 73.4118 | 52.685  |
| 2009 | 6     | 16  | 11   | 35     | 28     | 0.3       | 1.6     | 0.95  | 92.6      | 73.4118 | 54.3661 |
| 2009 | 6     | 16  | 11   | 50     | 28     | 0.3       | 1.6     | 0.92  | 92.9      | 73.4118 | 53.6457 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 16  | 12   | 5      | 28     | 0.3       | 1.6     | 0.91  | 93.1      | 73.4118 | 53.5656 |
| 2009 | 6     | 16  | 12   | 20     | 28     | 0.3       | 1.6     | 0.94  | 90.8      | 73.4118 | 54.2861 |
| 2009 | 6     | 16  | 12   | 35     | 28     | 0.3       | 1.6     | 0.98  | 92.1      | 73.4118 | 55.0866 |
| 2009 | 6     | 16  | 12   | 50     | 28     | 0.3       | 1.6     | 0.88  | 93        | 73.4118 | 52.7651 |
| 2009 | 6     | 16  | 13   | 5      | 28     | 0.3       | 1.6     | 0.86  | 91.3      | 73.5381 | 52.474  |
| 2009 | 6     | 16  | 13   | 20     | 28     | 0.3       | 1.6     | 0.93  | 92.4      | 73.5381 | 53.999  |
| 2009 | 6     | 16  | 13   | 35     | 28     | 0.3       | 1.6     | 0.94  | 93.4      | 73.5381 | 54.2398 |
| 2009 | 6     | 16  | 13   | 50     | 28     | 0.3       | 1.6     | 0.95  | 92.4      | 73.5381 | 54.4806 |
| 2009 | 6     | 16  | 14   | 5      | 28     | 0.3       | 1.6     | 0.95  | 91.8      | 73.4118 | 54.5263 |
| 2009 | 6     | 16  | 14   | 20     | 28     | 0.3       | 1.6     | 0.92  | 91.6      | 73.4118 | 53.6457 |
| 2009 | 6     | 16  | 14   | 35     | 28     | 0.3       | 1.6     | 0.99  | 92.1      | 73.4118 | 55.5669 |
| 2009 | 6     | 16  | 14   | 50     | 28     | 0.3       | 1.6     | 0.95  | 93.8      | 73.4118 | 54.4462 |
| 2009 | 6     | 16  | 15   | 5      | 28     | 0.3       | 1.6     | 0.9   | 91.7      | 73.4118 | 53.3255 |
| 2009 | 6     | 16  | 15   | 20     | 28     | 0.3       | 1.6     | 0.92  | 92.9      | 73.4118 | 53.7257 |
| 2009 | 6     | 16  | 15   | 35     | 28     | 0.3       | 1.6     | 0.89  | 92.8      | 73.4118 | 52.9252 |
| 2009 | 6     | 16  | 15   | 50     | 28     | 0.3       | 1.6     | 0.91  | 90.8      | 73.5381 | 53.5174 |
| 2009 | 6     | 16  | 16   | 5      | 28     | 0.3       | 1.6     | 0.97  | 93.3      | 73.4118 | 54.8465 |
| 2009 | 6     | 16  | 16   | 20     | 28     | 0.3       | 1.6     | 0.97  | 90.8      | 73.5381 | 55.1227 |
| 2009 | 6     | 16  | 16   | 35     | 28     | 0.3       | 1.6     | 0.93  | 89.8      | 73.4118 | 53.8858 |
| 2009 | 6     | 16  | 16   | 50     | 28     | 0.3       | 1.6     | 0.96  | 90.4      | 73.4118 | 54.6864 |
| 2009 | 6     | 16  | 17   | 5      | 28     | 0.3       | 1.6     | 1     | 92.1      | 73.4118 | 55.7271 |
| 2009 | 6     | 16  | 17   | 20     | 28     | 0.3       | 1.6     | 0.95  | 91        | 73.4118 | 54.6063 |
| 2009 | 6     | 16  | 17   | 35     | 28     | 0.3       | 1.6     | 0.9   | 89.2      | 73.4118 | 53.2454 |
| 2009 | 6     | 16  | 17   | 50     | 28     | 0.3       | 1.6     | 0.92  | 92.5      | 73.5381 | 53.7582 |
| 2009 | 6     | 16  | 18   | 5      | 28     | 0.3       | 1.6     | 0.97  | 88.5      | 73.5381 | 55.1227 |
| 2009 | 6     | 16  | 18   | 20     | 28     | 0.3       | 1.6     | 0.99  | 90.2      | 73.5381 | 55.6845 |
| 2009 | 6     | 16  | 18   | 35     | 28     | 0.3       | 1.6     | 0.97  | 90.6      | 73.5381 | 55.0424 |
| 2009 | 6     | 16  | 18   | 50     | 28     | 0.3       | 1.6     | 0.96  | 90.4      | 73.5381 | 54.9622 |
| 2009 | 6     | 16  | 19   | 5      | 28     | 0.3       | 1.6     | 0.97  | 91.2      | 73.4118 | 54.9265 |
| 2009 | 6     | 16  | 19   | 20     | 28     | 0.3       | 1.6     | 0.95  | 89.2      | 73.4118 | 54.6063 |
| 2009 | 6     | 16  | 19   | 35     | 28     | 0.3       | 1.6     | 1     | 91.7      | 73.4118 | 55.7271 |
| 2009 | 6     | 16  | 19   | 50     | 28     | 0.3       | 1.6     | 1     | 90.6      | 73.4118 | 55.8071 |
| 2009 | 6     | 16  | 20   | 5      | 28     | 0.3       | 1.6     | 1.02  | 91.7      | 73.4118 | 56.2074 |
| 2009 | 6     | 16  | 20   | 20     | 28     | 0.3       | 1.6     | 0.99  | 92.9      | 73.4118 | 55.3268 |
| 2009 | 6     | 16  | 20   | 35     | 28     | 0.3       | 1.6     | 0.96  | 89.6      | 73.4118 | 54.6864 |
| 2009 | 6     | 16  | 20   | 50     | 28     | 0.3       | 1.6     | 1.03  | 92.4      | 73.4118 | 56.3675 |
| 2009 | 6     | 16  | 21   | 5      | 28     | 0.3       | 1.6     | 1.03  | 93.3      | 73.4118 | 56.4475 |
| 2009 | 6     | 16  | 21   | 20     | 28     | 0.3       | 1.6     | 0.98  | 90.4      | 73.5381 | 55.4438 |
| 2009 | 6     | 16  | 21   | 35     | 28     | 0.3       | 1.6     | 0.99  | 88.9      | 73.5381 | 55.524  |
| 2009 | 6     | 16  | 21   | 50     | 28     | 0.3       | 1.6     | 0.98  | 87.9      | 73.5381 | 55.2832 |
| 2009 | 6     | 16  | 22   | 5      | 28     | 0.3       | 1.6     | 0.98  | 91.3      | 73.5381 | 55.4438 |
| 2009 | 6     | 16  | 22   | 20     | 28     | 0.3       | 1.6     | 1     | 91.5      | 73.5381 | 55.8451 |
| 2009 | 6     | 16  | 22   | 35     | 28     | 0.3       | 1.6     | 0.98  | 90.6      | 73.5381 | 55.2832 |
| 2009 | 6     | 16  | 22   | 50     | 28     | 0.3       | 1.6     | 1     | 89.4      | 73.5381 | 55.7648 |
| 2009 | 6     | 16  | 23   | 5      | 28     | 0.3       | 1.6     | 0.99  | 91.5      | 73.5381 | 55.6845 |
| 2009 | 6     | 16  | 23   | 20     | 28     | 0.3       | 1.6     | 1.01  | 90        | 73.5381 | 56.1661 |
| 2009 | 6     | 16  | 23   | 35     | 28     | 0.3       | 1.6     | 1     | 91.5      | 73.5381 | 55.9253 |
| 2009 | 6     | 16  | 23   | 50     | 28     | 0.3       | 1.6     | 1.03  | 91.5      | 73.5381 | 56.4872 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 17  | 0    | 5      | 28     | 0.3       | 1.6     | 0.98  | 91.3      | 73.5381 | 55.3635 |
| 2009 | 6     | 17  | 0    | 20     | 28     | 0.3       | 1.6     | 1.02  | 89.6      | 73.5381 | 56.4069 |
| 2009 | 6     | 17  | 0    | 35     | 28     | 0.3       | 1.6     | 1.06  | 90.4      | 73.5381 | 57.2898 |
| 2009 | 6     | 17  | 0    | 50     | 28     | 0.3       | 1.6     | 0.99  | 90.6      | 73.5381 | 55.524  |
| 2009 | 6     | 17  | 1    | 5      | 28     | 0.3       | 1.6     | 1     | 90        | 73.5381 | 55.7648 |
| 2009 | 6     | 17  | 1    | 20     | 28     | 0.3       | 1.6     | 0.99  | 90.6      | 73.5381 | 55.6845 |
| 2009 | 6     | 17  | 1    | 35     | 28     | 0.3       | 1.6     | 1     | 91.5      | 73.5381 | 55.9253 |
| 2009 | 6     | 17  | 1    | 50     | 28     | 0.3       | 1.6     | 0.95  | 89.2      | 73.5381 | 54.6411 |
| 2009 | 6     | 17  | 2    | 5      | 28     | 0.3       | 1.6     | 1.04  | 93.8      | 73.5381 | 56.728  |
| 2009 | 6     | 17  | 2    | 20     | 28     | 0.3       | 1.6     | 0.98  | 91.9      | 73.5381 | 55.3635 |
| 2009 | 6     | 17  | 2    | 35     | 28     | 0.3       | 1.6     | 0.99  | 90        | 73.5381 | 55.6043 |
| 2009 | 6     | 17  | 2    | 50     | 28     | 0.3       | 1.6     | 0.99  | 90.8      | 73.5381 | 55.6845 |
| 2009 | 6     | 17  | 3    | 5      | 28     | 0.3       | 1.6     | 0.95  | 88.6      | 73.5381 | 54.6411 |
| 2009 | 6     | 17  | 3    | 20     | 28     | 0.3       | 1.6     | 1.02  | 90        | 73.5381 | 56.2464 |
| 2009 | 6     | 17  | 3    | 35     | 28     | 0.3       | 1.6     | 0.98  | 91.7      | 73.5381 | 55.2832 |
| 2009 | 6     | 17  | 3    | 50     | 28     | 0.3       | 1.6     | 1.01  | 92.1      | 73.5381 | 56.0056 |
| 2009 | 6     | 17  | 4    | 5      | 28     | 0.3       | 1.6     | 1.01  | 90        | 73.5381 | 56.0859 |
| 2009 | 6     | 17  | 4    | 20     | 28     | 0.3       | 1.6     | 1.04  | 90        | 73.5381 | 56.728  |
| 2009 | 6     | 17  | 4    | 35     | 28     | 0.3       | 1.6     | 1.02  | 93        | 73.5381 | 56.1661 |
| 2009 | 6     | 17  | 4    | 50     | 28     | 0.3       | 1.6     | 1.02  | 90.6      | 73.5381 | 56.4069 |
| 2009 | 6     | 17  | 5    | 5      | 28     | 0.3       | 1.6     | 1.01  | 90.7      | 73.5381 | 56.0859 |
| 2009 | 6     | 17  | 5    | 20     | 28     | 0.3       | 1.6     | 0.98  | 90.4      | 73.5381 | 55.4438 |
| 2009 | 6     | 17  | 5    | 35     | 28     | 0.3       | 1.6     | 1.04  | 91.4      | 73.5381 | 56.8082 |
| 2009 | 6     | 17  | 5    | 50     | 28     | 0.3       | 1.6     | 1     | 90.6      | 73.5381 | 55.7648 |
| 2009 | 6     | 17  | 6    | 5      | 28     | 0.3       | 1.6     | 0.95  | 90.4      | 73.5381 | 54.6411 |
| 2009 | 6     | 17  | 6    | 20     | 28     | 0.3       | 1.6     | 1     | 90        | 73.5381 | 55.7648 |
| 2009 | 6     | 17  | 6    | 35     | 28     | 0.3       | 1.6     | 0.93  | 91        | 73.5381 | 54.0793 |
| 2009 | 6     | 17  | 6    | 50     | 28     | 0.3       | 1.6     | 1.03  | 92        | 73.5381 | 56.4872 |
| 2009 | 6     | 17  | 7    | 5      | 28     | 0.3       | 1.6     | 1     | 90        | 73.5381 | 55.7648 |
| 2009 | 6     | 17  | 7    | 20     | 28     | 0.3       | 1.6     | 1.01  | 92.1      | 73.5381 | 56.0056 |
| 2009 | 6     | 17  | 7    | 35     | 28     | 0.3       | 1.6     | 1.01  | 92        | 73.6645 | 56.2046 |
| 2009 | 6     | 17  | 7    | 50     | 28     | 0.3       | 1.6     | 0.97  | 90.2      | 73.6645 | 55.1585 |
| 2009 | 6     | 17  | 8    | 5      | 28     | 0.3       | 1.6     | 1.01  | 90.2      | 73.5381 | 56.0056 |
| 2009 | 6     | 17  | 8    | 20     | 28     | 0.3       | 1.6     | 0.96  | 89.8      | 73.6645 | 54.9975 |
| 2009 | 6     | 17  | 8    | 35     | 28     | 0.3       | 1.6     | 0.98  | 92.7      | 73.6645 | 55.3999 |
| 2009 | 6     | 17  | 8    | 50     | 28     | 0.3       | 1.6     | 0.99  | 91.9      | 73.6645 | 55.8023 |
| 2009 | 6     | 17  | 9    | 5      | 28     | 0.3       | 1.6     | 0.99  | 90.6      | 73.6645 | 55.8023 |
| 2009 | 6     | 17  | 9    | 20     | 28     | 0.3       | 1.6     | 0.94  | 91.6      | 73.6645 | 54.5147 |
| 2009 | 6     | 17  | 9    | 35     | 28     | 0.3       | 1.6     | 0.93  | 89.4      | 73.6645 | 54.2733 |
| 2009 | 6     | 17  | 9    | 50     | 28     | 0.3       | 1.6     | 0.96  | 89.6      | 73.5381 | 54.8819 |
| 2009 | 6     | 17  | 10   | 5      | 28     | 0.3       | 1.6     | 0.98  | 90.6      | 73.5381 | 55.4438 |
| 2009 | 6     | 17  | 10   | 20     | 28     | 0.3       | 1.6     | 0.92  | 92        | 73.5381 | 53.9187 |
| 2009 | 6     | 17  | 10   | 35     | 28     | 0.3       | 1.6     | 0.91  | 91.7      | 73.5381 | 53.5977 |
| 2009 | 6     | 17  | 10   | 50     | 28     | 0.3       | 1.6     | 0.98  | 91.1      | 73.5381 | 55.4438 |
| 2009 | 6     | 17  | 11   | 5      | 28     | 0.3       | 1.6     | 1     | 90        | 73.5381 | 55.7648 |
| 2009 | 6     | 17  | 11   | 20     | 28     | 0.3       | 1.6     | 1.01  | 89.8      | 73.5381 | 56.1661 |
| 2009 | 6     | 17  | 11   | 35     | 28     | 0.3       | 1.6     | 1.02  | 91.8      | 73.5381 | 56.2464 |
| 2009 | 6     | 17  | 11   | 50     | 28     | 0.3       | 1.6     | 0.99  | 90.9      | 73.5381 | 55.6845 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 17  | 12   | 5      | 28     | 0.3       | 1.6     | 1.03  | 92.4      | 73.5381 | 56.5674 |
| 2009 | 6     | 17  | 12   | 20     | 28     | 0.3       | 1.6     | 0.95  | 88.6      | 73.5381 | 54.6411 |
| 2009 | 6     | 17  | 12   | 35     | 28     | 0.3       | 1.6     | 0.97  | 91.9      | 73.5381 | 54.9622 |
| 2009 | 6     | 17  | 12   | 50     | 28     | 0.3       | 1.6     | 1.02  | 90.9      | 73.5381 | 56.2464 |
| 2009 | 6     | 17  | 13   | 5      | 28     | 0.3       | 1.6     | 1.05  | 92.3      | 73.5381 | 57.1293 |
| 2009 | 6     | 17  | 13   | 20     | 28     | 0.3       | 1.6     | 1     | 91.3      | 73.6645 | 55.8827 |
| 2009 | 6     | 17  | 13   | 35     | 28     | 0.3       | 1.6     | 1.03  | 91.3      | 73.5381 | 56.6477 |
| 2009 | 6     | 17  | 13   | 50     | 28     | 0.3       | 1.6     | 1.03  | 91.1      | 73.5381 | 56.4872 |
| 2009 | 6     | 17  | 14   | 5      | 28     | 0.3       | 1.6     | 0.97  | 92.3      | 73.6645 | 55.078  |
| 2009 | 6     | 17  | 14   | 20     | 28     | 0.3       | 1.6     | 0.97  | 91        | 73.5381 | 55.203  |
| 2009 | 6     | 17  | 14   | 35     | 28     | 0.3       | 1.6     | 1.05  | 91.6      | 73.5381 | 57.049  |
| 2009 | 6     | 17  | 14   | 50     | 28     | 0.3       | 1.6     | 1.06  | 90.2      | 73.5381 | 57.3701 |
| 2009 | 6     | 17  | 15   | 5      | 28     | 0.3       | 1.6     | 1.06  | 93.2      | 73.5381 | 57.3701 |
| 2009 | 6     | 17  | 15   | 20     | 28     | 0.3       | 1.6     | 0.96  | 89.8      | 73.5381 | 54.8016 |
| 2009 | 6     | 17  | 15   | 35     | 28     | 0.3       | 1.6     | 0.96  | 94.1      | 73.6645 | 54.917  |
| 2009 | 6     | 17  | 15   | 50     | 28     | 0.3       | 1.6     | 0.96  | 92        | 73.5381 | 54.8016 |
| 2009 | 6     | 17  | 16   | 5      | 28     | 0.3       | 1.6     | 1.02  | 92.8      | 73.5381 | 56.4069 |
| 2009 | 6     | 17  | 16   | 20     | 28     | 0.3       | 1.6     | 1.07  | 90.5      | 73.5381 | 57.4503 |
| 2009 | 6     | 17  | 16   | 35     | 28     | 0.3       | 1.6     | 1.03  | 92.5      | 73.5381 | 56.6477 |
| 2009 | 6     | 17  | 16   | 50     | 28     | 0.3       | 1.6     | 1.04  | 92        | 73.5381 | 56.728  |
| 2009 | 6     | 17  | 17   | 5      | 28     | 0.3       | 1.6     | 1.04  | 92.4      | 73.5381 | 56.728  |
| 2009 | 6     | 17  | 17   | 20     | 28     | 0.3       | 1.6     | 1.05  | 91.6      | 73.5381 | 57.1293 |
| 2009 | 6     | 17  | 17   | 35     | 28     | 0.3       | 1.6     | 1.01  | 90.2      | 73.5381 | 56.0859 |
| 2009 | 6     | 17  | 17   | 50     | 28     | 0.3       | 1.6     | 1.03  | 90.7      | 73.5381 | 56.5674 |
| 2009 | 6     | 17  | 18   | 5      | 28     | 0.3       | 1.6     | 1.04  | 92.5      | 73.5381 | 56.728  |
| 2009 | 6     | 17  | 18   | 20     | 28     | 0.3       | 1.6     | 1.01  | 90.9      | 73.5381 | 56.0859 |
| 2009 | 6     | 17  | 18   | 35     | 28     | 0.3       | 1.6     | 1     | 90        | 73.5381 | 55.7648 |
| 2009 | 6     | 17  | 18   | 50     | 28     | 0.3       | 1.6     | 0.99  | 92.3      | 73.5381 | 55.524  |
| 2009 | 6     | 17  | 19   | 5      | 28     | 0.3       | 1.6     | 1.01  | 90        | 73.6645 | 56.2851 |
| 2009 | 6     | 17  | 19   | 20     | 28     | 0.3       | 1.6     | 1     | 90.4      | 73.6645 | 55.8827 |
| 2009 | 6     | 17  | 19   | 35     | 28     | 0.3       | 1.6     | 0.96  | 91.4      | 73.6645 | 55.078  |
| 2009 | 6     | 17  | 19   | 50     | 28     | 0.3       | 1.6     | 1     | 90.8      | 73.6645 | 55.9632 |
| 2009 | 6     | 17  | 20   | 5      | 28     | 0.3       | 1.6     | 0.97  | 90        | 73.6645 | 55.2389 |
| 2009 | 6     | 17  | 20   | 20     | 28     | 0.3       | 1.6     | 0.96  | 91        | 73.6645 | 54.9975 |
| 2009 | 6     | 17  | 20   | 35     | 28     | 0.3       | 1.6     | 0.9   | 92.1      | 73.5381 | 53.4372 |
| 2009 | 6     | 17  | 20   | 50     | 28     | 0.3       | 1.6     | 0.89  | 90        | 73.4118 | 53.0052 |
| 2009 | 6     | 17  | 21   | 5      | 28     | 0.3       | 1.6     | 0.89  | 90.6      | 73.4118 | 53.0853 |
| 2009 | 6     | 17  | 21   | 20     | 28     | 0.3       | 1.6     | 0.89  | 90.6      | 73.4118 | 53.0853 |
| 2009 | 6     | 17  | 21   | 35     | 28     | 0.3       | 1.6     | 0.89  | 89.6      | 73.5381 | 53.1161 |
| 2009 | 6     | 17  | 21   | 50     | 28     | 0.3       | 1.6     | 0.9   | 91.9      | 73.5381 | 53.4372 |
| 2009 | 6     | 17  | 22   | 5      | 28     | 0.3       | 1.6     | 0.96  | 90        | 73.5381 | 54.8016 |
| 2009 | 6     | 17  | 22   | 20     | 28     | 0.3       | 1.6     | 0.97  | 91.9      | 73.5381 | 55.1227 |
| 2009 | 6     | 17  | 22   | 35     | 28     | 0.3       | 1.6     | 0.9   | 90.6      | 73.5381 | 53.4372 |
| 2009 | 6     | 17  | 22   | 50     | 28     | 0.3       | 1.6     | 0.9   | 90.8      | 73.5381 | 53.4372 |
| 2009 | 6     | 17  | 23   | 5      | 28     | 0.3       | 1.6     | 0.95  | 90        | 73.5381 | 54.5609 |
| 2009 | 6     | 17  | 23   | 20     | 28     | 0.3       | 1.6     | 0.9   | 92.5      | 73.5381 | 53.3569 |
| 2009 | 6     | 17  | 23   | 35     | 28     | 0.3       | 1.6     | 0.94  | 93.6      | 73.5381 | 54.2398 |
| 2009 | 6     | 17  | 23   | 50     | 28     | 0.3       | 1.6     | 0.94  | 90.8      | 73.5381 | 54.4003 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 18  | 0    | 5      | 28     | 0.3       | 1.6     | 0.93  | 91.8      | 73.5381 | 54.1595 |
| 2009 | 6     | 18  | 0    | 20     | 28     | 0.3       | 1.6     | 0.93  | 89.4      | 73.5381 | 54.1595 |
| 2009 | 6     | 18  | 0    | 35     | 28     | 0.3       | 1.6     | 0.89  | 90.4      | 73.5381 | 53.0358 |
| 2009 | 6     | 18  | 0    | 50     | 28     | 0.3       | 1.6     | 0.95  | 92        | 73.5381 | 54.6411 |
| 2009 | 6     | 18  | 1    | 5      | 28     | 0.3       | 1.6     | 0.97  | 89.4      | 73.5381 | 55.0424 |
| 2009 | 6     | 18  | 1    | 20     | 28     | 0.3       | 1.6     | 0.93  | 91.6      | 73.5381 | 53.999  |
| 2009 | 6     | 18  | 1    | 35     | 28     | 0.3       | 1.6     | 0.93  | 90.8      | 73.6645 | 54.1928 |
| 2009 | 6     | 18  | 1    | 50     | 28     | 0.3       | 1.6     | 0.94  | 90.8      | 73.6645 | 54.3537 |
| 2009 | 6     | 18  | 2    | 5      | 28     | 0.3       | 1.6     | 0.92  | 92.5      | 73.6645 | 53.8709 |
| 2009 | 6     | 18  | 2    | 20     | 28     | 0.3       | 1.6     | 0.95  | 91.6      | 73.6645 | 54.7561 |
| 2009 | 6     | 18  | 2    | 35     | 28     | 0.3       | 1.6     | 0.93  | 91        | 73.6645 | 54.1928 |
| 2009 | 6     | 18  | 2    | 50     | 28     | 0.3       | 1.6     | 0.93  | 89.8      | 73.6645 | 54.1928 |
| 2009 | 6     | 18  | 3    | 5      | 28     | 0.3       | 1.6     | 0.95  | 91        | 73.7909 | 54.8712 |
| 2009 | 6     | 18  | 3    | 20     | 28     | 0.3       | 1.6     | 0.9   | 92.1      | 73.7909 | 53.4996 |
| 2009 | 6     | 18  | 3    | 35     | 28     | 0.3       | 1.6     | 0.93  | 92.6      | 73.9174 | 54.3393 |
| 2009 | 6     | 18  | 3    | 50     | 28     | 0.3       | 1.6     | 0.93  | 90        | 73.9174 | 54.4202 |
| 2009 | 6     | 18  | 4    | 5      | 28     | 0.3       | 1.6     | 0.91  | 91        | 74.044  | 54.1285 |
| 2009 | 6     | 18  | 4    | 20     | 28     | 0.3       | 1.6     | 0.91  | 91.2      | 74.1706 | 54.1601 |
| 2009 | 6     | 18  | 4    | 35     | 28     | 0.3       | 1.6     | 0.93  | 91        | 74.424  | 54.9581 |
| 2009 | 6     | 18  | 4    | 50     | 28     | 0.3       | 1.6     | 0.94  | 90.4      | 74.2973 | 55.0067 |
| 2009 | 6     | 18  | 5    | 5      | 28     | 0.3       | 1.6     | 0.92  | 90.8      | 74.424  | 54.7129 |
| 2009 | 6     | 18  | 5    | 20     | 28     | 0.3       | 1.6     | 0.98  | 90.8      | 74.5508 | 56.302  |
| 2009 | 6     | 18  | 5    | 35     | 28     | 0.3       | 1.6     | 0.95  | 91.2      | 74.6777 | 55.7625 |
| 2009 | 6     | 18  | 5    | 50     | 28     | 0.3       | 1.6     | 0.95  | 92.2      | 74.6777 | 55.516  |
| 2009 | 6     | 18  | 6    | 5      | 28     | 0.3       | 1.6     | 0.97  | 89.2      | 74.8046 | 56.2083 |
| 2009 | 6     | 18  | 6    | 20     | 28     | 0.3       | 1.6     | 0.93  | 91.8      | 74.8046 | 55.2197 |
| 2009 | 6     | 18  | 6    | 35     | 28     | 0.3       | 1.6     | 0.93  | 90.2      | 74.9316 | 55.3344 |
| 2009 | 6     | 18  | 6    | 50     | 28     | 0.3       | 1.6     | 0.93  | 90.8      | 74.9316 | 55.2518 |
| 2009 | 6     | 18  | 7    | 5      | 28     | 0.3       | 1.6     | 0.98  | 92.7      | 74.9316 | 56.656  |
| 2009 | 6     | 18  | 7    | 20     | 28     | 0.3       | 1.6     | 0.92  | 90.6      | 74.9316 | 55.1692 |
| 2009 | 6     | 18  | 7    | 35     | 28     | 0.3       | 1.6     | 0.96  | 91.8      | 75.0587 | 56.2773 |
| 2009 | 6     | 18  | 7    | 50     | 28     | 0.3       | 1.6     | 0.93  | 92        | 75.0587 | 55.3664 |
| 2009 | 6     | 18  | 8    | 5      | 28     | 0.3       | 1.6     | 0.91  | 91.2      | 75.0587 | 55.0351 |
| 2009 | 6     | 18  | 8    | 20     | 28     | 0.3       | 1.6     | 0.93  | 88.6      | 75.1858 | 55.4811 |
| 2009 | 6     | 18  | 8    | 35     | 28     | 0.3       | 1.6     | 0.93  | 91.6      | 75.1858 | 55.6472 |
| 2009 | 6     | 18  | 8    | 50     | 28     | 0.3       | 1.6     | 0.92  | 91.8      | 75.313  | 55.3462 |
| 2009 | 6     | 18  | 9    | 5      | 28     | 0.3       | 1.6     | 0.91  | 90        | 75.313  | 55.1797 |
| 2009 | 6     | 18  | 9    | 20     | 28     | 0.3       | 1.6     | 0.9   | 91.9      | 75.4403 | 55.0432 |
| 2009 | 6     | 18  | 9    | 35     | 28     | 0.3       | 1.6     | 0.92  | 91.4      | 75.4403 | 55.544  |
| 2009 | 6     | 18  | 9    | 50     | 28     | 0.3       | 1.6     | 0.91  | 90.6      | 75.5676 | 55.4913 |
| 2009 | 6     | 18  | 10   | 5      | 28     | 0.3       | 1.6     | 0.93  | 91.4      | 75.695  | 56.1089 |
| 2009 | 6     | 18  | 10   | 20     | 28     | 0.3       | 1.6     | 0.98  | 91.2      | 75.8224 | 57.4021 |
| 2009 | 6     | 18  | 10   | 35     | 28     | 0.3       | 1.6     | 0.95  | 92.6      | 75.95   | 56.8465 |
| 2009 | 6     | 18  | 10   | 50     | 28     | 0.3       | 1.6     | 0.98  | 92.7      | 76.0775 | 57.7246 |
| 2009 | 6     | 18  | 11   | 5      | 28     | 0.3       | 1.6     | 0.94  | 91        | 76.2052 | 56.8269 |
| 2009 | 6     | 18  | 11   | 20     | 28     | 0.3       | 1.6     | 0.94  | 90.6      | 76.3329 | 57.0287 |
| 2009 | 6     | 18  | 11   | 35     | 28     | 0.3       | 1.6     | 1.02  | 92        | 76.4607 | 59.1053 |
| 2009 | 6     | 18  | 11   | 50     | 28     | 0.3       | 1.6     | 0.97  | 90.6      | 76.4607 | 57.7422 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 18  | 12   | 5      | 28     | 0.3       | 1.6     | 0.98  | 92.1      | 76.4607 | 57.9978 |
| 2009 | 6     | 18  | 12   | 20     | 28     | 0.3       | 1.6     | 1     | 91.7      | 76.4607 | 58.6793 |
| 2009 | 6     | 18  | 12   | 35     | 28     | 0.3       | 1.6     | 1.05  | 92.2      | 76.5885 | 59.9109 |
| 2009 | 6     | 18  | 12   | 50     | 28     | 0.3       | 1.6     | 0.96  | 90.4      | 76.5885 | 57.6903 |
| 2009 | 6     | 18  | 13   | 5      | 28     | 0.3       | 1.6     | 0.99  | 91.9      | 76.7164 | 58.6651 |
| 2009 | 6     | 18  | 13   | 20     | 28     | 0.3       | 1.6     | 1     | 91.5      | 76.7164 | 58.7507 |
| 2009 | 6     | 18  | 13   | 35     | 28     | 0.3       | 1.6     | 0.98  | 90.6      | 76.7164 | 58.3225 |
| 2009 | 6     | 18  | 13   | 50     | 28     | 0.3       | 1.6     | 1.05  | 91.1      | 76.8444 | 60.2453 |
| 2009 | 6     | 18  | 14   | 5      | 28     | 0.3       | 1.6     | 1.01  | 91.1      | 76.8444 | 59.301  |
| 2009 | 6     | 18  | 14   | 20     | 28     | 0.3       | 1.6     | 1.02  | 90.2      | 76.9724 | 59.5954 |
| 2009 | 6     | 18  | 14   | 35     | 28     | 0.3       | 1.6     | 1.05  | 92.5      | 76.9724 | 60.456  |
| 2009 | 6     | 18  | 14   | 50     | 28     | 0.3       | 1.6     | 1.01  | 90.2      | 77.1004 | 59.5457 |
| 2009 | 6     | 18  | 15   | 5      | 28     | 0.3       | 1.6     | 1.02  | 89.3      | 77.2286 | 59.9277 |
| 2009 | 6     | 18  | 15   | 20     | 28     | 0.3       | 1.6     | 0.97  | 89.2      | 77.4851 | 58.8703 |
| 2009 | 6     | 18  | 15   | 35     | 28     | 0.3       | 1.6     | 0.99  | 87.3      | 77.6135 | 59.3393 |
| 2009 | 6     | 18  | 15   | 50     | 28     | 0.3       | 1.6     | 1.02  | 90.7      | 77.8703 | 60.3704 |
| 2009 | 6     | 18  | 16   | 5      | 28     | 0.3       | 1.6     | 1.06  | 89.5      | 77.9988 | 61.5479 |
| 2009 | 6     | 18  | 16   | 20     | 28     | 0.3       | 1.6     | 0.97  | 90.4      | 77.9988 | 59.1765 |
| 2009 | 6     | 18  | 16   | 35     | 28     | 0.3       | 1.6     | 0.96  | 90.2      | 78.1275 | 59.1208 |
| 2009 | 6     | 18  | 16   | 50     | 28     | 0.3       | 1.6     | 1     | 90.2      | 78.2561 | 60.2118 |
| 2009 | 6     | 18  | 17   | 5      | 28     | 0.3       | 1.6     | 1.01  | 89.8      | 78.2561 | 60.6531 |
| 2009 | 6     | 18  | 17   | 20     | 28     | 0.3       | 1.6     | 1.04  | 90.9      | 78.3848 | 61.5733 |
| 2009 | 6     | 18  | 17   | 35     | 28     | 0.3       | 1.6     | 1.06  | 91.8      | 78.3848 | 61.9272 |
| 2009 | 6     | 18  | 17   | 50     | 28     | 0.3       | 1.6     | 1.05  | 90.2      | 78.3848 | 61.6618 |
| 2009 | 6     | 18  | 18   | 5      | 28     | 0.3       | 1.6     | 1.03  | 89.6      | 78.5136 | 61.3442 |
| 2009 | 6     | 18  | 18   | 20     | 28     | 0.3       | 1.6     | 1.01  | 90.9      | 78.6425 | 60.8467 |
| 2009 | 6     | 18  | 18   | 35     | 28     | 0.3       | 1.6     | 1.03  | 92.6      | 78.6425 | 61.3803 |
| 2009 | 6     | 18  | 18   | 50     | 28     | 0.3       | 1.6     | 1.01  | 91.1      | 78.9004 | 61.2729 |
| 2009 | 6     | 18  | 19   | 5      | 28     | 0.3       | 1.6     | 1     | 92.3      | 79.0294 | 60.9491 |
| 2009 | 6     | 18  | 19   | 20     | 28     | 0.3       | 1.6     | 1.03  | 91.5      | 79.4169 | 62.2224 |
| 2009 | 6     | 18  | 19   | 35     | 28     | 0.3       | 1.6     | 1.04  | 90.5      | 79.5462 | 62.7104 |
| 2009 | 6     | 18  | 19   | 50     | 28     | 0.3       | 1.6     | 1.03  | 89.8      | 79.6756 | 62.4744 |
| 2009 | 6     | 18  | 20   | 5      | 28     | 0.3       | 1.6     | 1.01  | 90        | 79.805  | 62.1459 |
| 2009 | 6     | 18  | 20   | 20     | 28     | 0.3       | 1.6     | 1.05  | 90.5      | 79.805  | 63.2374 |
| 2009 | 6     | 18  | 20   | 35     | 28     | 0.3       | 1.6     | 1.04  | 90.4      | 79.9345 | 63.0918 |
| 2009 | 6     | 18  | 20   | 50     | 28     | 0.3       | 1.6     | 1.05  | 90        | 79.9345 | 63.183  |
| 2009 | 6     | 18  | 21   | 5      | 28     | 0.3       | 1.6     | 1.07  | 90.9      | 80.0641 | 63.8591 |
| 2009 | 6     | 18  | 21   | 20     | 28     | 0.3       | 1.6     | 1.03  | 90.9      | 80.1937 | 63.0718 |
| 2009 | 6     | 18  | 21   | 35     | 28     | 0.3       | 1.6     | 1.04  | 91.3      | 80.1937 | 63.3468 |
| 2009 | 6     | 18  | 21   | 50     | 28     | 0.3       | 1.6     | 1.06  | 91.2      | 80.3234 | 63.8419 |
| 2009 | 6     | 18  | 22   | 5      | 28     | 0.3       | 2       | 0.96  | 90.2      | 80.5829 | 61.4219 |
| 2009 | 6     | 18  | 22   | 20     | 28     | 0.3       | 2       | 1.04  | 90.7      | 80.8427 | 63.8008 |
| 2009 | 6     | 18  | 22   | 35     | 28     | 0.3       | 2       | 1.03  | 90.5      | 81.1028 | 63.7769 |
| 2009 | 6     | 18  | 22   | 50     | 28     | 0.3       | 2       | 1.05  | 89.3      | 81.2329 | 64.4652 |
| 2009 | 6     | 18  | 23   | 5      | 28     | 0.3       | 2       | 1.09  | 91        | 81.3631 | 65.7186 |
| 2009 | 6     | 18  | 23   | 20     | 28     | 0.3       | 2       | 1.06  | 92.3      | 81.3631 | 65.0627 |
| 2009 | 6     | 18  | 23   | 35     | 28     | 0.3       | 2       | 1.02  | 91.7      | 81.4934 | 64.0657 |
| 2009 | 6     | 18  | 23   | 50     | 28     | 0.3       | 2       | 1.04  | 90.2      | 81.6237 | 64.57   |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 19  | 0    | 5      | 28     | 0.3       | 2       | 1.06  | 92.7      | 81.6237 | 65.135  |
| 2009 | 6     | 19  | 0    | 20     | 28     | 0.3       | 2       | 1.02  | 90.6      | 81.7541 | 64.2266 |
| 2009 | 6     | 19  | 0    | 35     | 28     | 0.3       | 2       | 1.04  | 91.6      | 81.8845 | 64.922  |
| 2009 | 6     | 19  | 0    | 50     | 28     | 0.3       | 2       | 1.03  | 90.9      | 82.1456 | 64.8001 |
| 2009 | 6     | 19  | 1    | 5      | 28     | 0.3       | 2       | 1.06  | 90        | 82.407  | 66.0128 |
| 2009 | 6     | 19  | 1    | 20     | 28     | 0.3       | 2       | 1.06  | 90.4      | 82.6685 | 66.179  |
| 2009 | 6     | 19  | 1    | 35     | 28     | 0.3       | 2       | 1.07  | 90.4      | 82.6685 | 66.4671 |
| 2009 | 6     | 19  | 1    | 50     | 28     | 0.3       | 2       | 1.02  | 89.6      | 82.7995 | 65.3476 |
| 2009 | 6     | 19  | 2    | 5      | 28     | 0.3       | 2       | 1.04  | 90.4      | 82.9304 | 66.0554 |
| 2009 | 6     | 19  | 2    | 20     | 28     | 0.3       | 2       | 1.06  | 90.7      | 82.9304 | 66.6344 |
| 2009 | 6     | 19  | 2    | 35     | 28     | 0.3       | 2       | 1.04  | 91.6      | 83.0614 | 66.1859 |
| 2009 | 6     | 19  | 2    | 50     | 28     | 0.3       | 2       | 1.02  | 90.9      | 83.0614 | 65.412  |
| 2009 | 6     | 19  | 3    | 5      | 28     | 0.3       | 2       | 1.04  | 89.3      | 83.1925 | 66.2195 |
| 2009 | 6     | 19  | 3    | 20     | 28     | 0.3       | 2       | 1.06  | 90.2      | 83.3237 | 67.0304 |
| 2009 | 6     | 19  | 3    | 35     | 28     | 0.3       | 2       | 1.02  | 90        | 83.5861 | 65.9276 |
| 2009 | 6     | 19  | 3    | 50     | 28     | 0.3       | 2       | 1.03  | 89.1      | 83.8489 | 66.4806 |
| 2009 | 6     | 19  | 4    | 5      | 28     | 0.3       | 2       | 1.09  | 90.5      | 84.1119 | 68.6149 |
| 2009 | 6     | 19  | 4    | 20     | 28     | 0.3       | 2       | 1.04  | 91.4      | 84.1119 | 67.1356 |
| 2009 | 6     | 19  | 4    | 35     | 28     | 0.3       | 2       | 1.03  | 90.2      | 84.2435 | 66.9705 |
| 2009 | 6     | 19  | 4    | 50     | 28     | 0.3       | 2       | 1.08  | 90.2      | 84.3751 | 68.6868 |
| 2009 | 6     | 19  | 5    | 5      | 28     | 0.3       | 2       | 1.05  | 90.7      | 84.3751 | 67.6958 |
| 2009 | 6     | 19  | 5    | 20     | 28     | 0.3       | 2       | 1.04  | 90.9      | 84.3751 | 67.4977 |
| 2009 | 6     | 19  | 5    | 35     | 28     | 0.3       | 2       | 1.06  | 92        | 84.5069 | 68.1262 |
| 2009 | 6     | 19  | 5    | 50     | 28     | 0.3       | 2       | 1.02  | 90.6      | 84.6387 | 66.9651 |
| 2009 | 6     | 19  | 6    | 5      | 28     | 0.3       | 2       | 1.08  | 90.5      | 84.6387 | 68.7573 |
| 2009 | 6     | 19  | 6    | 20     | 28     | 0.3       | 2       | 1.03  | 90.2      | 84.9024 | 67.5259 |
| 2009 | 6     | 19  | 6    | 35     | 28     | 0.3       | 2       | 1.06  | 90.4      | 85.0344 | 68.7603 |
| 2009 | 6     | 19  | 6    | 50     | 28     | 0.3       | 2       | 1.03  | 90        | 85.2986 | 67.9201 |
| 2009 | 6     | 19  | 7    | 5      | 28     | 0.3       | 2       | 1.03  | 90.9      | 85.4307 | 68.1527 |
| 2009 | 6     | 19  | 7    | 20     | 28     | 0.3       | 2       | 1.09  | 91.6      | 85.563  | 70.0059 |
| 2009 | 6     | 19  | 7    | 35     | 28     | 0.3       | 2       | 1.07  | 91.1      | 85.6953 | 69.5332 |
| 2009 | 6     | 19  | 7    | 50     | 28     | 0.3       | 2       | 1.05  | 91.4      | 85.6953 | 69.0258 |
| 2009 | 6     | 19  | 8    | 5      | 28     | 0.3       | 2       | 1.06  | 91.6      | 85.8276 | 69.363  |
| 2009 | 6     | 19  | 8    | 20     | 28     | 0.3       | 2       | 1.08  | 90.3      | 85.8276 | 70.1768 |
| 2009 | 6     | 19  | 8    | 35     | 28     | 0.3       | 2       | 1.06  | 89.8      | 85.96   | 69.5993 |
| 2009 | 6     | 19  | 8    | 50     | 28     | 0.3       | 2       | 1.09  | 91.9      | 85.96   | 70.619  |
| 2009 | 6     | 19  | 9    | 5      | 28     | 0.3       | 2       | 1.04  | 92.9      | 85.96   | 68.8855 |
| 2009 | 6     | 19  | 9    | 20     | 28     | 0.3       | 2       | 1.09  | 93.1      | 86.0925 | 70.5518 |
| 2009 | 6     | 19  | 9    | 35     | 28     | 0.3       | 2       | 1.08  | 91.2      | 86.0925 | 70.3473 |
| 2009 | 6     | 19  | 9    | 50     | 28     | 0.3       | 2       | 1.08  | 91.2      | 86.2251 | 70.5861 |
| 2009 | 6     | 19  | 10   | 5      | 28     | 0.3       | 2       | 1.06  | 92.5      | 86.3577 | 69.9012 |
| 2009 | 6     | 19  | 10   | 20     | 28     | 0.3       | 2       | 1.05  | 91.3      | 86.4904 | 69.7273 |
| 2009 | 6     | 19  | 10   | 35     | 28     | 0.3       | 2       | 1.1   | 89.3      | 86.6231 | 71.4094 |
| 2009 | 6     | 19  | 10   | 50     | 28     | 0.3       | 2       | 1.08  | 90.3      | 86.8888 | 71.1674 |
| 2009 | 6     | 19  | 11   | 5      | 28     | 0.3       | 2       | 1.1   | 90        | 87.0218 | 71.8241 |
| 2009 | 6     | 19  | 11   | 20     | 28     | 0.3       | 2       | 1.1   | 90.7      | 87.0218 | 71.8241 |
| 2009 | 6     | 19  | 11   | 35     | 28     | 0.3       | 2       | 1.11  | 90        | 87.1548 | 72.2751 |
| 2009 | 6     | 19  | 11   | 50     | 28     | 0.3       | 2       | 1.12  | 90        | 87.1548 | 72.6918 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 19  | 12   | 5      | 28     | 0.3       | 2       | 1.07  | 90.9      | 87.2878 | 71.266  |
| 2009 | 6     | 19  | 12   | 20     | 28     | 0.3       | 2       | 1.06  | 90        | 87.2878 | 71.0572 |
| 2009 | 6     | 19  | 12   | 35     | 28     | 0.3       | 2       | 1.11  | 91.2      | 87.4209 | 72.554  |
| 2009 | 6     | 19  | 12   | 50     | 28     | 0.3       | 2       | 1.1   | 90        | 87.4209 | 72.3447 |
| 2009 | 6     | 19  | 13   | 5      | 28     | 0.3       | 2       | 1.08  | 90        | 87.5541 | 71.7496 |
| 2009 | 6     | 19  | 13   | 20     | 28     | 0.3       | 2       | 1.08  | 88.6      | 87.5541 | 71.9594 |
| 2009 | 6     | 19  | 13   | 35     | 28     | 0.3       | 2       | 1.12  | 90        | 87.5541 | 73.0084 |
| 2009 | 6     | 19  | 13   | 50     | 28     | 0.3       | 2       | 1.08  | 92.1      | 87.6874 | 71.8872 |
| 2009 | 6     | 19  | 14   | 5      | 28     | 0.3       | 2       | 1.11  | 87.8      | 87.6874 | 73.0438 |
| 2009 | 6     | 19  | 14   | 20     | 28     | 0.3       | 2       | 1.13  | 88.7      | 87.6874 | 73.4644 |
| 2009 | 6     | 19  | 14   | 35     | 28     | 0.3       | 2       | 1.12  | 88.5      | 87.8207 | 73.5005 |
| 2009 | 6     | 19  | 14   | 50     | 28     | 0.3       | 2       | 1.1   | 90        | 87.8207 | 72.7627 |
| 2009 | 6     | 19  | 15   | 5      | 28     | 0.3       | 2       | 1.01  | 89.4      | 87.8207 | 70.0225 |
| 2009 | 6     | 19  | 15   | 20     | 28     | 0.3       | 2       | 1.07  | 88.6      | 87.8207 | 71.9196 |
| 2009 | 6     | 19  | 15   | 35     | 28     | 0.3       | 2       | 1.07  | 89.3      | 87.9541 | 72.0572 |
| 2009 | 6     | 19  | 15   | 50     | 28     | 0.3       | 2       | 1.11  | 89.3      | 87.9541 | 73.1136 |
| 2009 | 6     | 19  | 16   | 5      | 28     | 0.3       | 2       | 1.12  | 88.8      | 87.9541 | 73.5362 |
| 2009 | 6     | 19  | 16   | 20     | 28     | 0.3       | 2       | 1.06  | 90        | 87.9541 | 71.6347 |
| 2009 | 6     | 19  | 16   | 35     | 28     | 0.3       | 2       | 1.04  | 89.1      | 88.0875 | 71.1361 |
| 2009 | 6     | 19  | 16   | 50     | 28     | 0.3       | 2       | 1.06  | 89.5      | 88.0875 | 71.8773 |
| 2009 | 6     | 19  | 17   | 5      | 28     | 0.3       | 2       | 1.1   | 90        | 88.0875 | 73.0421 |
| 2009 | 6     | 19  | 17   | 20     | 28     | 0.3       | 2       | 1.1   | 90        | 88.221  | 73.182  |
| 2009 | 6     | 19  | 17   | 35     | 28     | 0.3       | 2       | 1.13  | 90        | 88.3546 | 74.173  |
| 2009 | 6     | 19  | 17   | 50     | 28     | 0.3       | 2       | 1.06  | 89.3      | 88.4883 | 72.1826 |
| 2009 | 6     | 19  | 18   | 5      | 28     | 0.3       | 2       | 1.1   | 90.2      | 88.4883 | 73.3556 |
| 2009 | 6     | 19  | 18   | 20     | 28     | 0.3       | 2       | 1.11  | 90.7      | 88.6219 | 74.03   |
| 2009 | 6     | 19  | 18   | 35     | 28     | 0.3       | 2       | 1.11  | 90.5      | 88.8895 | 74.0983 |
| 2009 | 6     | 19  | 18   | 50     | 28     | 0.3       | 2       | 1.1   | 90.7      | 88.8895 | 73.7762 |
| 2009 | 6     | 19  | 19   | 5      | 28     | 0.3       | 2       | 1.12  | 93        | 89.0234 | 74.5624 |
| 2009 | 6     | 19  | 19   | 20     | 28     | 0.3       | 2       | 1.1   | 90.5      | 89.0234 | 73.9167 |
| 2009 | 6     | 19  | 19   | 35     | 28     | 0.3       | 2       | 1.09  | 91.2      | 89.1574 | 73.9494 |
| 2009 | 6     | 19  | 19   | 50     | 28     | 0.3       | 2       | 1.09  | 90.7      | 89.1574 | 73.8415 |
| 2009 | 6     | 19  | 20   | 5      | 28     | 0.3       | 2       | 1.06  | 90        | 89.2914 | 73.1168 |
| 2009 | 6     | 19  | 20   | 20     | 28     | 0.3       | 2       | 1.14  | 89.8      | 89.2914 | 75.6037 |
| 2009 | 6     | 19  | 20   | 35     | 28     | 0.3       | 2       | 1.04  | 91.4      | 89.4255 | 72.4966 |
| 2009 | 6     | 19  | 20   | 50     | 28     | 0.3       | 2       | 1.07  | 91.8      | 89.4255 | 73.3636 |
| 2009 | 6     | 19  | 21   | 5      | 28     | 0.3       | 2       | 1.07  | 89.8      | 89.5596 | 73.7196 |
| 2009 | 6     | 19  | 21   | 20     | 28     | 0.3       | 2       | 1.06  | 91.1      | 89.5596 | 73.1765 |
| 2009 | 6     | 19  | 21   | 35     | 28     | 0.3       | 2       | 1.06  | 91.6      | 89.6938 | 73.3147 |
| 2009 | 6     | 19  | 21   | 50     | 28     | 0.3       | 2       | 1.06  | 89.8      | 89.8281 | 73.6713 |
| 2009 | 6     | 19  | 22   | 5      | 28     | 0.3       | 2       | 1.06  | 90.2      | 90.0968 | 73.8397 |
| 2009 | 6     | 19  | 22   | 20     | 28     | 0.3       | 2       | 1.05  | 91.4      | 90.2313 | 73.5391 |
| 2009 | 6     | 19  | 22   | 35     | 28     | 0.3       | 2       | 1.05  | 92.5      | 90.3659 | 73.7873 |
| 2009 | 6     | 19  | 22   | 50     | 28     | 0.3       | 2       | 1.08  | 91.7      | 90.5004 | 74.809  |
| 2009 | 6     | 19  | 23   | 5      | 28     | 0.3       | 2       | 1.03  | 90.4      | 90.5004 | 73.1531 |
| 2009 | 6     | 19  | 23   | 20     | 28     | 0.3       | 2       | 1.07  | 89.8      | 90.6351 | 74.8391 |
| 2009 | 6     | 19  | 23   | 35     | 28     | 0.3       | 2       | 1.09  | 92.6      | 90.6351 | 75.5029 |
| 2009 | 6     | 19  | 23   | 50     | 28     | 0.3       | 2       | 1.02  | 90.6      | 90.7698 | 73.2051 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 20  | 0    | 5      | 28     | 0.3       | 2       | 1.06  | 92.1      | 90.7698 | 74.536  |
| 2009 | 6     | 20  | 0    | 20     | 28     | 0.3       | 2       | 1.1   | 92.4      | 90.7698 | 75.9777 |
| 2009 | 6     | 20  | 0    | 35     | 28     | 0.3       | 2       | 1.1   | 91.5      | 90.9046 | 76.0095 |
| 2009 | 6     | 20  | 0    | 50     | 28     | 0.3       | 2       | 1.04  | 92        | 90.9046 | 74.0087 |
| 2009 | 6     | 20  | 1    | 5      | 28     | 0.3       | 2       | 1.02  | 93.9      | 90.9046 | 73.3417 |
| 2009 | 6     | 20  | 1    | 20     | 28     | 0.3       | 2       | 1.06  | 95.2      | 90.9046 | 74.4533 |
| 2009 | 6     | 20  | 1    | 35     | 28     | 0.3       | 2       | 1.05  | 94.5      | 90.9046 | 74.3422 |
| 2009 | 6     | 20  | 1    | 50     | 28     | 0.3       | 2       | 1.04  | 91.8      | 90.9046 | 74.1199 |
| 2009 | 6     | 20  | 2    | 5      | 28     | 0.3       | 2       | 1.07  | 93.2      | 91.0395 | 75.2611 |
| 2009 | 6     | 20  | 2    | 20     | 28     | 0.3       | 2       | 1.07  | 92.3      | 91.0395 | 75.1497 |
| 2009 | 6     | 20  | 2    | 35     | 28     | 0.3       | 2       | 1.07  | 93.2      | 91.0395 | 75.1497 |
| 2009 | 6     | 20  | 2    | 50     | 28     | 0.3       | 2       | 1.08  | 90.3      | 91.0395 | 75.3725 |
| 2009 | 6     | 20  | 3    | 5      | 28     | 0.3       | 2       | 1.05  | 92.9      | 91.1744 | 74.5088 |
| 2009 | 6     | 20  | 3    | 20     | 28     | 0.3       | 2       | 1.02  | 93.3      | 91.1744 | 73.3921 |
| 2009 | 6     | 20  | 3    | 35     | 28     | 0.3       | 2       | 1.04  | 91.3      | 91.1744 | 74.1738 |
| 2009 | 6     | 20  | 3    | 50     | 28     | 0.3       | 2       | 1.09  | 94.3      | 91.1744 | 75.8488 |
| 2009 | 6     | 20  | 4    | 5      | 28     | 0.3       | 2       | 1.04  | 92.2      | 91.1744 | 74.3971 |
| 2009 | 6     | 20  | 4    | 20     | 28     | 0.3       | 2       | 1.06  | 91.1      | 91.1744 | 74.8438 |
| 2009 | 6     | 20  | 4    | 35     | 28     | 0.3       | 2       | 1.05  | 92.5      | 91.1744 | 74.6204 |
| 2009 | 6     | 20  | 4    | 50     | 28     | 0.3       | 2       | 1.08  | 92.3      | 91.1744 | 75.6254 |
| 2009 | 6     | 20  | 5    | 5      | 28     | 0.3       | 2       | 1.1   | 93.1      | 91.3093 | 76.4386 |
| 2009 | 6     | 20  | 5    | 20     | 28     | 0.3       | 2       | 1.07  | 93.3      | 91.4444 | 75.6845 |
| 2009 | 6     | 20  | 5    | 35     | 28     | 0.3       | 2       | 1.11  | 92.7      | 91.3093 | 76.6624 |
| 2009 | 6     | 20  | 5    | 50     | 28     | 0.3       | 2       | 1.1   | 90.7      | 91.4444 | 76.5819 |
| 2009 | 6     | 20  | 6    | 5      | 28     | 0.3       | 2       | 1.09  | 90.7      | 91.5795 | 76.5005 |
| 2009 | 6     | 20  | 6    | 20     | 28     | 0.3       | 2       | 1.08  | 92.1      | 91.4444 | 75.9088 |
| 2009 | 6     | 20  | 6    | 35     | 28     | 0.3       | 2       | 1.06  | 93.5      | 91.4444 | 75.2358 |
| 2009 | 6     | 20  | 6    | 50     | 28     | 0.3       | 2       | 1.05  | 93.6      | 91.4444 | 74.6749 |
| 2009 | 6     | 20  | 7    | 5      | 28     | 0.3       | 2       | 1.08  | 91.4      | 91.3093 | 75.6551 |
| 2009 | 6     | 20  | 7    | 20     | 28     | 0.3       | 2       | 1.05  | 93.6      | 91.5795 | 74.8139 |
| 2009 | 6     | 20  | 7    | 35     | 28     | 0.3       | 2       | 1.02  | 92.8      | 91.4444 | 73.8896 |
| 2009 | 6     | 20  | 7    | 50     | 28     | 0.3       | 2       | 1.01  | 94.3      | 91.3093 | 73.4167 |
| 2009 | 6     | 20  | 8    | 5      | 28     | 0.3       | 2       | 1.02  | 93.1      | 91.1744 | 73.6154 |
| 2009 | 6     | 20  | 8    | 20     | 28     | 0.3       | 2       | 1.06  | 93        | 91.3093 | 74.9836 |
| 2009 | 6     | 20  | 8    | 35     | 28     | 0.3       | 2       | 1.06  | 93.9      | 91.3093 | 74.9836 |
| 2009 | 6     | 20  | 8    | 50     | 28     | 0.3       | 2       | 1.05  | 93.6      | 91.1744 | 74.5088 |
| 2009 | 6     | 20  | 9    | 5      | 28     | 0.3       | 2       | 1.1   | 91.5      | 91.1744 | 76.4071 |
| 2009 | 6     | 20  | 9    | 20     | 28     | 0.3       | 2       | 1.09  | 93.1      | 91.0395 | 75.7068 |
| 2009 | 6     | 20  | 9    | 35     | 28     | 0.3       | 2       | 1.06  | 92.8      | 91.0395 | 74.7041 |
| 2009 | 6     | 20  | 9    | 50     | 28     | 0.3       | 2       | 1.02  | 93.1      | 91.0395 | 73.4785 |
| 2009 | 6     | 20  | 10   | 5      | 28     | 0.3       | 2       | 1.06  | 91.6      | 91.0395 | 74.8155 |
| 2009 | 6     | 20  | 10   | 20     | 28     | 0.3       | 2       | 1.09  | 92.4      | 91.0395 | 75.7068 |
| 2009 | 6     | 20  | 10   | 35     | 28     | 0.3       | 2       | 1.08  | 91.4      | 90.9046 | 75.4537 |
| 2009 | 6     | 20  | 10   | 50     | 28     | 0.3       | 2       | 1.08  | 92.3      | 90.9046 | 75.4537 |
| 2009 | 6     | 20  | 11   | 5      | 28     | 0.3       | 2       | 1.05  | 91.8      | 90.9046 | 74.3422 |
| 2009 | 6     | 20  | 11   | 20     | 28     | 0.3       | 2       | 1.05  | 91.8      | 90.9046 | 74.3422 |
| 2009 | 6     | 20  | 11   | 35     | 28     | 0.3       | 2       | 1.02  | 92.4      | 90.9046 | 73.4529 |
| 2009 | 6     | 20  | 11   | 50     | 28     | 0.3       | 2       | 0.99  | 92.7      | 90.9046 | 72.2302 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 20  | 12   | 5      | 28     | 0.3       | 2       | 1.06  | 93.2      | 90.7698 | 74.4251 |
| 2009 | 6     | 20  | 12   | 20     | 28     | 0.3       | 2       | 1     | 91.5      | 90.9046 | 72.786  |
| 2009 | 6     | 20  | 12   | 35     | 28     | 0.3       | 2       | 1.06  | 92.8      | 90.7698 | 74.6469 |
| 2009 | 6     | 20  | 12   | 50     | 28     | 0.3       | 2       | 1.04  | 94.3      | 90.7698 | 73.8706 |
| 2009 | 6     | 20  | 13   | 5      | 28     | 0.3       | 2       | 1     | 93.6      | 90.7698 | 72.4288 |
| 2009 | 6     | 20  | 13   | 20     | 28     | 0.3       | 2       | 1.05  | 92        | 90.6351 | 74.1751 |
| 2009 | 6     | 20  | 13   | 35     | 28     | 0.3       | 2       | 1.07  | 93.5      | 90.6351 | 74.6177 |
| 2009 | 6     | 20  | 13   | 50     | 28     | 0.3       | 2       | 1.1   | 93.9      | 90.5004 | 75.4714 |
| 2009 | 6     | 20  | 14   | 5      | 28     | 0.3       | 2       | 1.06  | 93.7      | 90.5004 | 74.0362 |
| 2009 | 6     | 20  | 14   | 20     | 28     | 0.3       | 2       | 1.04  | 95.8      | 90.3659 | 73.2366 |
| 2009 | 6     | 20  | 14   | 35     | 28     | 0.3       | 2       | 1.07  | 93.5      | 90.2313 | 74.0886 |
| 2009 | 6     | 20  | 14   | 50     | 28     | 0.3       | 2       | 1.08  | 93.1      | 89.9625 | 74.2477 |
| 2009 | 6     | 20  | 15   | 5      | 28     | 0.3       | 2       | 1.05  | 94.3      | 90.0968 | 73.4011 |
| 2009 | 6     | 20  | 15   | 20     | 28     | 0.3       | 2       | 1.06  | 91.6      | 89.8281 | 73.5621 |
| 2009 | 6     | 20  | 15   | 35     | 28     | 0.3       | 2       | 1.03  | 92.2      | 89.8281 | 72.5799 |
| 2009 | 6     | 20  | 15   | 50     | 28     | 0.3       | 2       | 0.98  | 91.2      | 89.6938 | 70.7015 |
| 2009 | 6     | 20  | 16   | 5      | 28     | 0.3       | 2       | 0.97  | 91.8      | 89.8281 | 70.3973 |
| 2009 | 6     | 20  | 16   | 20     | 28     | 0.3       | 2       | 1.07  | 92.5      | 89.6938 | 73.6413 |
| 2009 | 6     | 20  | 16   | 35     | 28     | 0.3       | 2       | 1.04  | 92.2      | 89.6938 | 72.6614 |
| 2009 | 6     | 20  | 16   | 50     | 28     | 0.3       | 2       | 1.03  | 90.5      | 89.6938 | 72.5525 |
| 2009 | 6     | 20  | 17   | 5      | 28     | 0.3       | 2       | 1.04  | 91.6      | 89.6938 | 72.6614 |
| 2009 | 6     | 20  | 17   | 20     | 28     | 0.3       | 2       | 1.04  | 90.7      | 89.5596 | 72.5247 |
| 2009 | 6     | 20  | 17   | 35     | 28     | 0.3       | 2       | 1.02  | 92.8      | 89.5596 | 71.9816 |
| 2009 | 6     | 20  | 17   | 50     | 28     | 0.3       | 2       | 1.07  | 92.1      | 89.5596 | 73.7196 |
| 2009 | 6     | 20  | 18   | 5      | 28     | 0.3       | 2       | 1.07  | 92.6      | 89.5596 | 73.5024 |
| 2009 | 6     | 20  | 18   | 20     | 28     | 0.3       | 2       | 1.02  | 92.2      | 89.5596 | 72.0902 |
| 2009 | 6     | 20  | 18   | 35     | 28     | 0.3       | 2       | 1.05  | 91.8      | 89.4255 | 72.7133 |
| 2009 | 6     | 20  | 18   | 50     | 28     | 0.3       | 2       | 0.97  | 91.6      | 89.4255 | 70.1123 |
| 2009 | 6     | 20  | 19   | 5      | 28     | 0.3       | 2       | 1.06  | 90.4      | 89.4255 | 73.0384 |
| 2009 | 6     | 20  | 19   | 20     | 28     | 0.3       | 2       | 1.07  | 91.4      | 89.4255 | 73.472  |
| 2009 | 6     | 20  | 19   | 35     | 28     | 0.3       | 2       | 1.04  | 94.2      | 89.4255 | 72.2798 |
| 2009 | 6     | 20  | 19   | 50     | 28     | 0.3       | 2       | 1     | 93.6      | 89.2914 | 71.0624 |
| 2009 | 6     | 20  | 20   | 5      | 28     | 0.3       | 2       | 1.05  | 90.2      | 89.4255 | 72.8217 |
| 2009 | 6     | 20  | 20   | 20     | 28     | 0.3       | 2       | 1.07  | 91.9      | 89.4255 | 73.472  |
| 2009 | 6     | 20  | 20   | 35     | 28     | 0.3       | 2       | 1.03  | 91.3      | 89.2914 | 72.1436 |
| 2009 | 6     | 20  | 20   | 50     | 28     | 0.3       | 2       | 1     | 92.6      | 89.2914 | 71.0624 |
| 2009 | 6     | 20  | 21   | 5      | 28     | 0.3       | 2       | 1.02  | 92.2      | 89.1574 | 71.684  |
| 2009 | 6     | 20  | 21   | 20     | 28     | 0.3       | 2       | 1     | 92.6      | 89.1574 | 70.821  |
| 2009 | 6     | 20  | 21   | 35     | 28     | 0.3       | 2       | 1.02  | 90        | 89.1574 | 71.4682 |
| 2009 | 6     | 20  | 21   | 50     | 28     | 0.3       | 2       | 0.97  | 93.1      | 89.1574 | 69.8501 |
| 2009 | 6     | 20  | 22   | 5      | 28     | 0.3       | 2       | 1     | 91.3      | 89.1574 | 71.0367 |
| 2009 | 6     | 20  | 22   | 20     | 28     | 0.3       | 2       | 0.95  | 92.2      | 89.0234 | 69.1811 |
| 2009 | 6     | 20  | 22   | 35     | 28     | 0.3       | 2       | 0.97  | 90.8      | 89.0234 | 69.9345 |
| 2009 | 6     | 20  | 22   | 50     | 28     | 0.3       | 2       | 0.96  | 92        | 89.0234 | 69.3963 |
| 2009 | 6     | 20  | 23   | 5      | 28     | 0.3       | 2       | 0.95  | 91.4      | 89.0234 | 69.1811 |
| 2009 | 6     | 20  | 23   | 20     | 28     | 0.3       | 2       | 0.96  | 92        | 88.8895 | 69.159  |
| 2009 | 6     | 20  | 23   | 35     | 28     | 0.3       | 2       | 0.96  | 91.8      | 89.0234 | 69.504  |
| 2009 | 6     | 20  | 23   | 50     | 28     | 0.3       | 2       | 0.97  | 91.4      | 88.8895 | 69.8032 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 21  | 0    | 5      | 28     | 0.3       | 2       | 1.01  | 93        | 88.8895 | 70.9844 |
| 2009 | 6     | 21  | 0    | 20     | 28     | 0.3       | 2       | 1.06  | 90        | 88.8895 | 72.595  |
| 2009 | 6     | 21  | 0    | 35     | 28     | 0.3       | 2       | 1.01  | 92.6      | 88.8895 | 71.0918 |
| 2009 | 6     | 21  | 0    | 50     | 28     | 0.3       | 2       | 0.96  | 90.2      | 88.7557 | 69.2436 |
| 2009 | 6     | 21  | 1    | 5      | 28     | 0.3       | 2       | 0.97  | 90        | 88.7557 | 69.6721 |
| 2009 | 6     | 21  | 1    | 20     | 28     | 0.3       | 2       | 0.98  | 93.5      | 88.7557 | 69.7792 |
| 2009 | 6     | 21  | 1    | 35     | 28     | 0.3       | 2       | 1.05  | 93        | 88.8895 | 72.2729 |
| 2009 | 6     | 21  | 1    | 50     | 28     | 0.3       | 2       | 1.02  | 92.9      | 88.7557 | 71.279  |
| 2009 | 6     | 21  | 2    | 5      | 28     | 0.3       | 2       | 1.06  | 90.7      | 88.8895 | 72.4876 |
| 2009 | 6     | 21  | 2    | 20     | 28     | 0.3       | 2       | 1.06  | 89.8      | 88.8895 | 72.4876 |
| 2009 | 6     | 21  | 2    | 35     | 28     | 0.3       | 2       | 1.07  | 91.6      | 88.7557 | 72.6716 |
| 2009 | 6     | 21  | 2    | 50     | 28     | 0.3       | 2       | 1.07  | 93.2      | 88.7557 | 72.6716 |
| 2009 | 6     | 21  | 3    | 5      | 28     | 0.3       | 2       | 1.05  | 89.6      | 88.7557 | 72.136  |
| 2009 | 6     | 21  | 3    | 20     | 28     | 0.3       | 2       | 1.05  | 91.6      | 88.7557 | 72.136  |
| 2009 | 6     | 21  | 3    | 35     | 28     | 0.3       | 2       | 1.08  | 93.5      | 88.7557 | 73.1002 |
| 2009 | 6     | 21  | 3    | 50     | 28     | 0.3       | 2       | 1.05  | 90.4      | 88.7557 | 72.0289 |
| 2009 | 6     | 21  | 4    | 5      | 28     | 0.3       | 2       | 1.11  | 91.5      | 88.7557 | 73.9572 |
| 2009 | 6     | 21  | 4    | 20     | 28     | 0.3       | 2       | 1.02  | 91.5      | 88.7557 | 71.0647 |
| 2009 | 6     | 21  | 4    | 35     | 28     | 0.3       | 2       | 0.95  | 91        | 88.7557 | 69.0293 |
| 2009 | 6     | 21  | 4    | 50     | 28     | 0.3       | 2       | 1.04  | 90.7      | 88.7557 | 71.9218 |
| 2009 | 6     | 21  | 5    | 5      | 28     | 0.3       | 2       | 0.98  | 90.6      | 88.6219 | 69.8617 |
| 2009 | 6     | 21  | 5    | 20     | 28     | 0.3       | 2       | 1.04  | 93.2      | 88.7557 | 71.9218 |
| 2009 | 6     | 21  | 5    | 35     | 28     | 0.3       | 2       | 1.06  | 92.1      | 88.7557 | 72.5645 |
| 2009 | 6     | 21  | 5    | 50     | 28     | 0.3       | 2       | 1.07  | 91.6      | 88.7557 | 72.6716 |
| 2009 | 6     | 21  | 6    | 5      | 28     | 0.3       | 2       | 1.05  | 91.6      | 88.8895 | 72.1655 |
| 2009 | 6     | 21  | 6    | 20     | 28     | 0.3       | 2       | 1.04  | 92.3      | 88.8895 | 72.0581 |
| 2009 | 6     | 21  | 6    | 35     | 28     | 0.3       | 2       | 1.08  | 92.8      | 88.7557 | 73.1002 |
| 2009 | 6     | 21  | 6    | 50     | 28     | 0.3       | 2       | 1.09  | 94.5      | 88.7557 | 73.4215 |
| 2009 | 6     | 21  | 7    | 5      | 28     | 0.3       | 2       | 1.09  | 92.4      | 88.7557 | 73.4215 |
| 2009 | 6     | 21  | 7    | 20     | 28     | 0.3       | 2       | 1.03  | 94.2      | 88.7557 | 71.3861 |
| 2009 | 6     | 21  | 7    | 35     | 28     | 0.3       | 2       | 1.02  | 91.8      | 88.7557 | 71.279  |
| 2009 | 6     | 21  | 7    | 50     | 28     | 0.3       | 2       | 1.06  | 92.1      | 88.7557 | 72.4574 |
| 2009 | 6     | 21  | 8    | 5      | 28     | 0.3       | 2       | 1.04  | 91.6      | 88.7557 | 71.9218 |
| 2009 | 6     | 21  | 8    | 20     | 28     | 0.3       | 2       | 1.1   | 92.6      | 88.7557 | 73.7429 |
| 2009 | 6     | 21  | 8    | 35     | 28     | 0.3       | 2       | 1.09  | 91.4      | 88.7557 | 73.3144 |
| 2009 | 6     | 21  | 8    | 50     | 28     | 0.3       | 2       | 1.05  | 91.8      | 88.7557 | 72.136  |
| 2009 | 6     | 21  | 9    | 5      | 28     | 0.3       | 2       | 1.06  | 93        | 88.7557 | 72.4574 |
| 2009 | 6     | 21  | 9    | 20     | 28     | 0.3       | 2       | 1.07  | 95.4      | 88.7557 | 72.7788 |
| 2009 | 6     | 21  | 9    | 35     | 28     | 0.3       | 2       | 1.05  | 96.5      | 88.7557 | 71.8146 |
| 2009 | 6     | 21  | 9    | 50     | 28     | 0.3       | 2       | 1.1   | 93.1      | 88.7557 | 73.7429 |
| 2009 | 6     | 21  | 10   | 5      | 28     | 0.3       | 2       | 1.09  | 93.3      | 88.8895 | 73.454  |
| 2009 | 6     | 21  | 10   | 20     | 28     | 0.3       | 2       | 1.06  | 93        | 88.8895 | 72.595  |
| 2009 | 6     | 21  | 10   | 35     | 28     | 0.3       | 2       | 1.09  | 91.7      | 88.8895 | 73.5614 |
| 2009 | 6     | 21  | 10   | 50     | 28     | 0.3       | 2       | 1.08  | 92.8      | 88.8895 | 73.2393 |
| 2009 | 6     | 21  | 11   | 5      | 28     | 0.3       | 2       | 1.08  | 91.9      | 88.8895 | 73.2393 |
| 2009 | 6     | 21  | 11   | 20     | 28     | 0.3       | 2       | 1.06  | 92.1      | 88.8895 | 72.4876 |
| 2009 | 6     | 21  | 11   | 35     | 28     | 0.3       | 2       | 1.12  | 93        | 88.8895 | 74.4204 |
| 2009 | 6     | 21  | 11   | 50     | 28     | 0.3       | 2       | 1.1   | 92.6      | 88.8895 | 73.7762 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 21  | 12   | 5      | 28     | 0.3       | 2       | 1.12  | 93.7      | 88.8895 | 74.4204 |
| 2009 | 6     | 21  | 12   | 20     | 28     | 0.3       | 2       | 1.12  | 92.5      | 89.0234 | 74.5624 |
| 2009 | 6     | 21  | 12   | 35     | 28     | 0.3       | 2       | 1.1   | 91        | 88.8895 | 73.8836 |
| 2009 | 6     | 21  | 12   | 50     | 28     | 0.3       | 2       | 1.09  | 92.4      | 88.8895 | 73.6688 |
| 2009 | 6     | 21  | 13   | 5      | 28     | 0.3       | 2       | 1.06  | 92.7      | 89.0234 | 72.8404 |
| 2009 | 6     | 21  | 13   | 20     | 28     | 0.3       | 2       | 1.1   | 92.4      | 89.0234 | 74.1319 |
| 2009 | 6     | 21  | 13   | 35     | 28     | 0.3       | 2       | 1.08  | 91.9      | 89.0234 | 73.4861 |
| 2009 | 6     | 21  | 13   | 50     | 28     | 0.3       | 2       | 1.04  | 91.8      | 89.0234 | 71.9794 |
| 2009 | 6     | 21  | 14   | 5      | 28     | 0.3       | 2       | 1.08  | 92.4      | 89.0234 | 73.2709 |
| 2009 | 6     | 21  | 14   | 20     | 28     | 0.3       | 2       | 1.13  | 93        | 89.0234 | 74.8853 |
| 2009 | 6     | 21  | 14   | 35     | 28     | 0.3       | 2       | 1.12  | 92.3      | 89.0234 | 74.7777 |
| 2009 | 6     | 21  | 14   | 50     | 28     | 0.3       | 2       | 1.09  | 92.6      | 89.0234 | 73.5938 |
| 2009 | 6     | 21  | 15   | 5      | 28     | 0.3       | 2       | 1.04  | 94        | 89.0234 | 71.8717 |
| 2009 | 6     | 21  | 15   | 20     | 28     | 0.3       | 2       | 1.06  | 94.6      | 89.0234 | 72.6251 |
| 2009 | 6     | 21  | 15   | 35     | 28     | 0.3       | 2       | 1.05  | 94.3      | 89.0234 | 72.4099 |
| 2009 | 6     | 21  | 15   | 50     | 28     | 0.3       | 2       | 1.07  | 92.5      | 89.0234 | 72.948  |
| 2009 | 6     | 21  | 16   | 5      | 28     | 0.3       | 2       | 1.07  | 92.5      | 89.0234 | 72.948  |
| 2009 | 6     | 21  | 16   | 20     | 28     | 0.3       | 2       | 1.08  | 93.3      | 89.0234 | 73.3785 |
| 2009 | 6     | 21  | 16   | 35     | 28     | 0.3       | 2       | 1.11  | 92        | 89.1574 | 74.4888 |
| 2009 | 6     | 21  | 16   | 50     | 28     | 0.3       | 2       | 1.12  | 90.5      | 89.1574 | 74.9203 |
| 2009 | 6     | 21  | 17   | 5      | 28     | 0.3       | 2       | 1.04  | 92.2      | 89.1574 | 72.1155 |
| 2009 | 6     | 21  | 17   | 20     | 28     | 0.3       | 2       | 1.05  | 92.9      | 89.1574 | 72.6549 |
| 2009 | 6     | 21  | 17   | 35     | 28     | 0.3       | 2       | 1.07  | 91.6      | 89.1574 | 73.1943 |
| 2009 | 6     | 21  | 17   | 50     | 28     | 0.3       | 2       | 1.07  | 91.1      | 89.1574 | 73.3021 |
| 2009 | 6     | 21  | 18   | 5      | 28     | 0.3       | 2       | 1.08  | 92.9      | 89.1574 | 73.6258 |
| 2009 | 6     | 21  | 18   | 20     | 28     | 0.3       | 2       | 1.06  | 91.9      | 89.2914 | 73.1168 |
| 2009 | 6     | 21  | 18   | 35     | 28     | 0.3       | 2       | 1.07  | 90.7      | 89.2914 | 73.2249 |
| 2009 | 6     | 21  | 18   | 50     | 28     | 0.3       | 2       | 1.07  | 92.1      | 89.2914 | 73.2249 |
| 2009 | 6     | 21  | 19   | 5      | 28     | 0.3       | 2       | 1.05  | 92.9      | 89.2914 | 72.5761 |
| 2009 | 6     | 21  | 19   | 20     | 28     | 0.3       | 2       | 1.07  | 95.3      | 89.2914 | 73.333  |
| 2009 | 6     | 21  | 19   | 35     | 28     | 0.3       | 2       | 1.1   | 92.9      | 89.2914 | 74.4143 |
| 2009 | 6     | 21  | 19   | 50     | 28     | 0.3       | 2       | 1.05  | 93        | 89.2914 | 72.6843 |
| 2009 | 6     | 21  | 20   | 5      | 28     | 0.3       | 2       | 1.1   | 93.9      | 89.2914 | 74.198  |
| 2009 | 6     | 21  | 20   | 20     | 28     | 0.3       | 2       | 1.03  | 93.7      | 89.4255 | 72.063  |
| 2009 | 6     | 21  | 20   | 35     | 28     | 0.3       | 2       | 1.02  | 92.6      | 89.4255 | 71.8463 |
| 2009 | 6     | 21  | 20   | 50     | 28     | 0.3       | 2       | 1.06  | 93        | 89.4255 | 73.1468 |
| 2009 | 6     | 21  | 21   | 5      | 28     | 0.3       | 2       | 1.03  | 91.5      | 89.4255 | 72.1714 |
| 2009 | 6     | 21  | 21   | 20     | 28     | 0.3       | 2       | 1.08  | 91.6      | 89.4255 | 73.6887 |
| 2009 | 6     | 21  | 21   | 35     | 28     | 0.3       | 2       | 1.15  | 92        | 89.4255 | 76.1814 |
| 2009 | 6     | 21  | 21   | 50     | 28     | 0.3       | 2       | 1.08  | 93.1      | 89.5596 | 73.9369 |
| 2009 | 6     | 21  | 22   | 5      | 28     | 0.3       | 2       | 1.06  | 92.8      | 89.5596 | 73.3937 |
| 2009 | 6     | 21  | 22   | 20     | 28     | 0.3       | 2       | 1.1   | 91.2      | 89.5596 | 74.5887 |
| 2009 | 6     | 21  | 22   | 35     | 28     | 0.3       | 2       | 1.07  | 92.5      | 89.6938 | 73.6413 |
| 2009 | 6     | 21  | 22   | 50     | 28     | 0.3       | 2       | 1.11  | 89.7      | 89.6938 | 75.0567 |
| 2009 | 6     | 21  | 23   | 5      | 28     | 0.3       | 2       | 1.07  | 92.3      | 89.8281 | 73.9987 |
| 2009 | 6     | 21  | 23   | 20     | 28     | 0.3       | 2       | 1.07  | 89.8      | 89.9625 | 73.9196 |
| 2009 | 6     | 21  | 23   | 35     | 28     | 0.3       | 2       | 1.1   | 91.4      | 90.0968 | 75.0457 |
| 2009 | 6     | 21  | 23   | 50     | 28     | 0.3       | 2       | 1.07  | 92.5      | 90.0968 | 74.1686 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 22  | 0    | 5      | 28     | 0.3       | 2       | 1.08  | 92.4      | 90.0968 | 74.4975 |
| 2009 | 6     | 22  | 0    | 20     | 28     | 0.3       | 2       | 1.06  | 90.9      | 90.2313 | 73.9787 |
| 2009 | 6     | 22  | 0    | 35     | 28     | 0.3       | 2       | 1.04  | 91.1      | 90.0968 | 73.0722 |
| 2009 | 6     | 22  | 0    | 50     | 28     | 0.3       | 2       | 1.01  | 91.5      | 90.0968 | 72.3048 |
| 2009 | 6     | 22  | 1    | 5      | 28     | 0.3       | 2       | 1     | 91.5      | 90.2313 | 71.8908 |
| 2009 | 6     | 22  | 1    | 20     | 28     | 0.3       | 2       | 1.01  | 90.6      | 90.2313 | 72.4402 |
| 2009 | 6     | 22  | 1    | 35     | 28     | 0.3       | 2       | 0.96  | 91.8      | 90.2313 | 70.5721 |
| 2009 | 6     | 22  | 1    | 50     | 28     | 0.3       | 2       | 0.92  | 90.8      | 90.2313 | 69.3633 |
| 2009 | 6     | 22  | 2    | 5      | 28     | 0.3       | 2       | 0.97  | 90.4      | 90.3659 | 71.1439 |
| 2009 | 6     | 22  | 2    | 20     | 28     | 0.3       | 2       | 0.94  | 90        | 90.3659 | 70.2628 |
| 2009 | 6     | 22  | 2    | 35     | 28     | 0.3       | 2       | 1     | 90        | 90.3659 | 72.1352 |
| 2009 | 6     | 22  | 2    | 50     | 28     | 0.3       | 2       | 0.96  | 90.4      | 90.5004 | 70.9452 |
| 2009 | 6     | 22  | 3    | 5      | 28     | 0.3       | 2       | 0.99  | 89.8      | 90.3659 | 71.8048 |
| 2009 | 6     | 22  | 3    | 20     | 28     | 0.3       | 2       | 1.01  | 90.7      | 90.5004 | 72.7115 |
| 2009 | 6     | 22  | 3    | 35     | 28     | 0.3       | 2       | 0.89  | 91.3      | 90.5004 | 68.6269 |
| 2009 | 6     | 22  | 3    | 50     | 28     | 0.3       | 2       | 0.95  | 92.2      | 90.5004 | 70.614  |
| 2009 | 6     | 22  | 4    | 5      | 28     | 0.3       | 2       | 0.98  | 92.3      | 90.5004 | 71.4971 |
| 2009 | 6     | 22  | 4    | 20     | 28     | 0.3       | 2       | 0.98  | 91        | 90.5004 | 71.6075 |
| 2009 | 6     | 22  | 4    | 35     | 28     | 0.3       | 2       | 1     | 91.9      | 90.5004 | 72.3803 |
| 2009 | 6     | 22  | 4    | 50     | 28     | 0.3       | 2       | 0.96  | 91.4      | 90.5004 | 70.8348 |
| 2009 | 6     | 22  | 5    | 5      | 28     | 0.3       | 2       | 0.95  | 92        | 90.5004 | 70.3932 |
| 2009 | 6     | 22  | 5    | 20     | 28     | 0.3       | 2       | 0.99  | 92.7      | 90.5004 | 71.8283 |
| 2009 | 6     | 22  | 5    | 35     | 28     | 0.3       | 2       | 0.95  | 90.6      | 90.5004 | 70.7244 |
| 2009 | 6     | 22  | 5    | 50     | 28     | 0.3       | 2       | 0.93  | 92.8      | 90.6351 | 69.8598 |
| 2009 | 6     | 22  | 6    | 5      | 28     | 0.3       | 2       | 0.97  | 91.7      | 90.6351 | 71.4089 |
| 2009 | 6     | 22  | 6    | 20     | 28     | 0.3       | 2       | 0.97  | 91.2      | 90.6351 | 71.4089 |
| 2009 | 6     | 22  | 6    | 35     | 28     | 0.3       | 2       | 0.98  | 91.5      | 90.6351 | 71.6302 |
| 2009 | 6     | 22  | 6    | 50     | 28     | 0.3       | 2       | 0.94  | 90.6      | 90.6351 | 70.5237 |
| 2009 | 6     | 22  | 7    | 5      | 28     | 0.3       | 2       | 0.96  | 92.5      | 90.7698 | 71.2089 |
| 2009 | 6     | 22  | 7    | 20     | 28     | 0.3       | 2       | 0.92  | 93.3      | 90.6351 | 69.7492 |
| 2009 | 6     | 22  | 7    | 35     | 28     | 0.3       | 2       | 1     | 92.4      | 90.6351 | 72.4048 |
| 2009 | 6     | 22  | 7    | 50     | 28     | 0.3       | 2       | 0.94  | 91        | 90.7698 | 70.5435 |
| 2009 | 6     | 22  | 8    | 5      | 28     | 0.3       | 2       | 1     | 90.6      | 90.6351 | 72.2941 |
| 2009 | 6     | 22  | 8    | 20     | 28     | 0.3       | 2       | 0.91  | 90.4      | 90.7698 | 69.4344 |
| 2009 | 6     | 22  | 8    | 35     | 28     | 0.3       | 2       | 0.94  | 90.8      | 90.7698 | 70.5435 |
| 2009 | 6     | 22  | 8    | 50     | 28     | 0.3       | 2       | 0.97  | 90.8      | 90.7698 | 71.6525 |
| 2009 | 6     | 22  | 9    | 5      | 28     | 0.3       | 2       | 0.95  | 91.2      | 90.7698 | 70.6544 |
| 2009 | 6     | 22  | 9    | 20     | 28     | 0.3       | 2       | 0.93  | 89.8      | 90.9046 | 70.3405 |
| 2009 | 6     | 22  | 9    | 35     | 28     | 0.3       | 2       | 0.99  | 93.6      | 90.7698 | 72.0961 |
| 2009 | 6     | 22  | 9    | 50     | 28     | 0.3       | 2       | 0.98  | 91.3      | 90.9046 | 72.119  |
| 2009 | 6     | 22  | 10   | 5      | 28     | 0.3       | 2       | 0.97  | 92.1      | 90.9046 | 71.4521 |
| 2009 | 6     | 22  | 10   | 20     | 28     | 0.3       | 2       | 0.99  | 92.7      | 90.9046 | 72.3413 |
| 2009 | 6     | 22  | 10   | 35     | 28     | 0.3       | 2       | 1.04  | 92        | 90.9046 | 73.8975 |
| 2009 | 6     | 22  | 10   | 50     | 28     | 0.3       | 2       | 1.04  | 92.5      | 91.0395 | 74.0356 |
| 2009 | 6     | 22  | 11   | 5      | 28     | 0.3       | 2       | 1.07  | 92.5      | 91.0395 | 75.2611 |
| 2009 | 6     | 22  | 11   | 20     | 28     | 0.3       | 2       | 1.06  | 91.8      | 91.0395 | 74.7041 |
| 2009 | 6     | 22  | 11   | 35     | 28     | 0.3       | 2       | 1.05  | 91.1      | 91.1744 | 74.5088 |
| 2009 | 6     | 22  | 11   | 50     | 28     | 0.3       | 2       | 1.03  | 92.4      | 91.3093 | 74.0882 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 22  | 12   | 5      | 28     | 0.3       | 2       | 1.03  | 92.9      | 91.3093 | 74.0882 |
| 2009 | 6     | 22  | 12   | 20     | 28     | 0.3       | 2       | 1.09  | 90.7      | 91.1744 | 75.9604 |
| 2009 | 6     | 22  | 12   | 35     | 28     | 0.3       | 2       | 1.09  | 91.5      | 91.1744 | 76.0721 |
| 2009 | 6     | 22  | 12   | 50     | 28     | 0.3       | 2       | 1.07  | 90.9      | 91.3093 | 75.3194 |
| 2009 | 6     | 22  | 13   | 5      | 28     | 0.3       | 2       | 1.01  | 90        | 91.4444 | 73.6652 |
| 2009 | 6     | 22  | 13   | 20     | 28     | 0.3       | 2       | 1.1   | 90        | 91.3093 | 76.3267 |
| 2009 | 6     | 22  | 13   | 35     | 28     | 0.3       | 2       | 1.08  | 91.6      | 91.5795 | 76.0507 |
| 2009 | 6     | 22  | 13   | 50     | 28     | 0.3       | 2       | 1.09  | 90.2      | 91.4444 | 76.1332 |
| 2009 | 6     | 22  | 14   | 5      | 28     | 0.3       | 2       | 1.05  | 90.4      | 91.5795 | 75.1512 |
| 2009 | 6     | 22  | 14   | 20     | 28     | 0.3       | 2       | 1.07  | 90        | 91.5795 | 75.601  |
| 2009 | 6     | 22  | 14   | 35     | 28     | 0.3       | 2       | 1.08  | 92.4      | 91.5795 | 75.9383 |
| 2009 | 6     | 22  | 14   | 50     | 28     | 0.3       | 2       | 1.09  | 90.7      | 91.5795 | 76.388  |
| 2009 | 6     | 22  | 15   | 5      | 28     | 0.3       | 2       | 1.09  | 91.7      | 91.5795 | 76.2756 |
| 2009 | 6     | 22  | 15   | 20     | 28     | 0.3       | 2       | 1.01  | 90        | 91.7147 | 73.9389 |
| 2009 | 6     | 22  | 15   | 35     | 28     | 0.3       | 2       | 1.09  | 91.4      | 91.8499 | 76.7867 |
| 2009 | 6     | 22  | 15   | 50     | 28     | 0.3       | 2       | 1.05  | 91.6      | 91.7147 | 75.2912 |
| 2009 | 6     | 22  | 16   | 5      | 28     | 0.3       | 2       | 1.08  | 90        | 91.7147 | 76.0801 |
| 2009 | 6     | 22  | 16   | 20     | 28     | 0.3       | 2       | 1.03  | 91.6      | 91.8499 | 74.7536 |
| 2009 | 6     | 22  | 16   | 35     | 28     | 0.3       | 2       | 1.03  | 89.8      | 91.9852 | 74.8924 |
| 2009 | 6     | 22  | 16   | 50     | 28     | 0.3       | 2       | 1.05  | 90.4      | 91.8499 | 75.3184 |
| 2009 | 6     | 22  | 17   | 5      | 28     | 0.3       | 2       | 1     | 90        | 91.8499 | 73.7371 |
| 2009 | 6     | 22  | 17   | 20     | 28     | 0.3       | 2       | 1.07  | 93.2      | 91.9852 | 76.2508 |
| 2009 | 6     | 22  | 17   | 35     | 28     | 0.3       | 2       | 1.04  | 91.8      | 91.9852 | 75.232  |
| 2009 | 6     | 22  | 17   | 50     | 28     | 0.3       | 2       | 1.03  | 91.6      | 91.9852 | 74.8924 |
| 2009 | 6     | 22  | 18   | 5      | 28     | 0.3       | 2       | 1.01  | 91.5      | 91.9852 | 73.9867 |
| 2009 | 6     | 22  | 18   | 20     | 28     | 0.3       | 2       | 1.06  | 90.4      | 92.1206 | 76.0524 |
| 2009 | 6     | 22  | 18   | 35     | 28     | 0.3       | 2       | 1.06  | 89.5      | 91.9852 | 75.6848 |
| 2009 | 6     | 22  | 18   | 50     | 28     | 0.3       | 2       | 1.03  | 91.6      | 92.1206 | 75.0313 |
| 2009 | 6     | 22  | 19   | 5      | 28     | 0.3       | 2       | 1.02  | 89.8      | 92.1206 | 74.4639 |
| 2009 | 6     | 22  | 19   | 20     | 28     | 0.3       | 2       | 1.06  | 92.5      | 92.1206 | 76.0524 |
| 2009 | 6     | 22  | 19   | 35     | 28     | 0.3       | 2       | 1.09  | 90        | 92.1206 | 76.8467 |
| 2009 | 6     | 22  | 19   | 50     | 28     | 0.3       | 2       | 1.05  | 91.6      | 92.1206 | 75.5986 |
| 2009 | 6     | 22  | 20   | 5      | 28     | 0.3       | 2       | 1.09  | 92.1      | 92.1206 | 77.0736 |
| 2009 | 6     | 22  | 20   | 20     | 28     | 0.3       | 2       | 1.03  | 90.9      | 92.256  | 75.1702 |
| 2009 | 6     | 22  | 20   | 35     | 28     | 0.3       | 2       | 1.08  | 91.6      | 92.256  | 76.8761 |
| 2009 | 6     | 22  | 20   | 50     | 28     | 0.3       | 2       | 1.06  | 91.1      | 92.256  | 75.9663 |
| 2009 | 6     | 22  | 21   | 5      | 28     | 0.3       | 2       | 1.05  | 91.2      | 92.256  | 75.8526 |
| 2009 | 6     | 22  | 21   | 20     | 28     | 0.3       | 2       | 1.08  | 90        | 92.256  | 76.6486 |
| 2009 | 6     | 22  | 21   | 35     | 28     | 0.3       | 2       | 1.05  | 91.8      | 92.256  | 75.8526 |
| 2009 | 6     | 22  | 21   | 50     | 28     | 0.3       | 2       | 1.03  | 90.7      | 92.256  | 75.0565 |
| 2009 | 6     | 22  | 22   | 5      | 28     | 0.3       | 2       | 1.07  | 91.6      | 92.256  | 76.4212 |
| 2009 | 6     | 22  | 22   | 20     | 28     | 0.3       | 2       | 1.06  | 90        | 92.256  | 76.1937 |
| 2009 | 6     | 22  | 22   | 35     | 28     | 0.3       | 2       | 1.05  | 92.5      | 92.3915 | 75.9933 |
| 2009 | 6     | 22  | 22   | 50     | 28     | 0.3       | 2       | 1.07  | 91.4      | 92.3915 | 76.4492 |
| 2009 | 6     | 22  | 23   | 5      | 28     | 0.3       | 2       | 1.04  | 91.8      | 92.3915 | 75.4234 |
| 2009 | 6     | 22  | 23   | 20     | 28     | 0.3       | 2       | 1.11  | 90.3      | 92.3915 | 77.817  |
| 2009 | 6     | 22  | 23   | 35     | 28     | 0.3       | 2       | 1.07  | 89.8      | 92.3915 | 76.4492 |
| 2009 | 6     | 22  | 23   | 50     | 28     | 0.3       | 2       | 1.01  | 90        | 92.3915 | 74.6255 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 23  | 0    | 5      | 28     | 0.3       | 2       | 1.05  | 92        | 92.3915 | 75.8793 |
| 2009 | 6     | 23  | 0    | 20     | 28     | 0.3       | 2       | 1.03  | 90.9      | 92.3915 | 75.0814 |
| 2009 | 6     | 23  | 0    | 35     | 28     | 0.3       | 2       | 1.04  | 90        | 92.3915 | 75.5374 |
| 2009 | 6     | 23  | 0    | 50     | 28     | 0.3       | 2       | 1.05  | 91.8      | 92.3915 | 75.7653 |
| 2009 | 6     | 23  | 1    | 5      | 28     | 0.3       | 2       | 1.03  | 90.9      | 92.3915 | 75.1954 |
| 2009 | 6     | 23  | 1    | 20     | 28     | 0.3       | 2       | 1.03  | 91.8      | 92.527  | 75.2202 |
| 2009 | 6     | 23  | 1    | 35     | 28     | 0.3       | 2       | 1.03  | 91.8      | 92.3915 | 75.0814 |
| 2009 | 6     | 23  | 1    | 50     | 28     | 0.3       | 2       | 0.97  | 90.6      | 92.527  | 73.3924 |
| 2009 | 6     | 23  | 2    | 5      | 28     | 0.3       | 2       | 1.02  | 92.2      | 92.3915 | 74.8535 |
| 2009 | 6     | 23  | 2    | 20     | 28     | 0.3       | 2       | 0.95  | 93.2      | 92.527  | 72.4785 |
| 2009 | 6     | 23  | 2    | 35     | 28     | 0.3       | 2       | 0.96  | 91        | 92.3915 | 72.9158 |
| 2009 | 6     | 23  | 2    | 50     | 28     | 0.3       | 2       | 0.99  | 91.1      | 92.3915 | 73.8277 |
| 2009 | 6     | 23  | 3    | 5      | 28     | 0.3       | 2       | 0.98  | 92.5      | 92.527  | 73.5066 |
| 2009 | 6     | 23  | 3    | 20     | 28     | 0.3       | 2       | 1.01  | 90.9      | 92.3915 | 74.5116 |
| 2009 | 6     | 23  | 3    | 35     | 28     | 0.3       | 2       | 1.01  | 91.7      | 92.527  | 74.5348 |
| 2009 | 6     | 23  | 3    | 50     | 28     | 0.3       | 2       | 1.02  | 89.6      | 92.527  | 74.9917 |
| 2009 | 6     | 23  | 4    | 5      | 28     | 0.3       | 2       | 1.05  | 92.3      | 92.527  | 76.0199 |
| 2009 | 6     | 23  | 4    | 20     | 28     | 0.3       | 2       | 1.05  | 92.7      | 92.6626 | 76.0461 |
| 2009 | 6     | 23  | 4    | 35     | 28     | 0.3       | 2       | 1     | 91.7      | 92.6626 | 74.5576 |
| 2009 | 6     | 23  | 4    | 50     | 28     | 0.3       | 2       | 1     | 92.8      | 92.6626 | 74.3286 |
| 2009 | 6     | 23  | 5    | 5      | 28     | 0.3       | 2       | 0.95  | 91        | 92.7983 | 72.9735 |
| 2009 | 6     | 23  | 5    | 20     | 28     | 0.3       | 2       | 1.05  | 92        | 92.6626 | 76.2751 |
| 2009 | 6     | 23  | 5    | 35     | 28     | 0.3       | 2       | 0.99  | 92.5      | 92.9341 | 74.1421 |
| 2009 | 6     | 23  | 5    | 50     | 28     | 0.3       | 2       | 1.03  | 90        | 92.9341 | 75.8673 |
| 2009 | 6     | 23  | 6    | 5      | 28     | 0.3       | 2       | 1.07  | 92.1      | 93.0698 | 77.3904 |
| 2009 | 6     | 23  | 6    | 20     | 28     | 0.3       | 2       | 1.03  | 93.1      | 93.2057 | 76.1471 |
| 2009 | 6     | 23  | 6    | 35     | 28     | 0.3       | 2       | 1.03  | 91.5      | 93.2057 | 76.0315 |
| 2009 | 6     | 23  | 6    | 50     | 28     | 0.3       | 2       | 1.07  | 91.4      | 93.2057 | 77.418  |
| 2009 | 6     | 23  | 7    | 5      | 28     | 0.3       | 2       | 1.01  | 91.5      | 93.0698 | 75.2002 |
| 2009 | 6     | 23  | 7    | 20     | 28     | 0.3       | 2       | 0.97  | 92.1      | 93.0698 | 73.5863 |
| 2009 | 6     | 23  | 7    | 35     | 28     | 0.3       | 2       | 1     | 93.6      | 93.0698 | 74.6238 |
| 2009 | 6     | 23  | 7    | 50     | 28     | 0.3       | 2       | 1     | 92.8      | 93.0698 | 74.6238 |
| 2009 | 6     | 23  | 8    | 5      | 28     | 0.3       | 2       | 0.97  | 92.5      | 93.0698 | 73.5863 |
| 2009 | 6     | 23  | 8    | 20     | 28     | 0.3       | 2       | 0.95  | 93        | 93.0698 | 73.1252 |
| 2009 | 6     | 23  | 8    | 35     | 28     | 0.3       | 2       | 1     | 91.7      | 92.9341 | 74.8322 |
| 2009 | 6     | 23  | 8    | 50     | 28     | 0.3       | 2       | 0.99  | 92.3      | 92.9341 | 74.4871 |
| 2009 | 6     | 23  | 9    | 5      | 28     | 0.3       | 2       | 0.94  | 91.2      | 92.9341 | 72.5318 |
| 2009 | 6     | 23  | 9    | 20     | 28     | 0.3       | 2       | 0.92  | 93.7      | 92.9341 | 71.8417 |
| 2009 | 6     | 23  | 9    | 35     | 28     | 0.3       | 2       | 0.97  | 92.5      | 92.9341 | 73.682  |
| 2009 | 6     | 23  | 9    | 50     | 28     | 0.3       | 2       | 0.98  | 91.9      | 92.9341 | 73.912  |
| 2009 | 6     | 23  | 10   | 5      | 28     | 0.3       | 2       | 0.96  | 92.2      | 92.9341 | 73.337  |
| 2009 | 6     | 23  | 10   | 20     | 28     | 0.3       | 2       | 0.98  | 91.3      | 92.9341 | 74.027  |
| 2009 | 6     | 23  | 10   | 35     | 28     | 0.3       | 2       | 1.02  | 91.7      | 92.9341 | 75.4072 |
| 2009 | 6     | 23  | 10   | 50     | 28     | 0.3       | 2       | 1.02  | 91.8      | 92.9341 | 75.2922 |
| 2009 | 6     | 23  | 11   | 5      | 28     | 0.3       | 2       | 1.05  | 91.1      | 92.7983 | 76.1867 |
| 2009 | 6     | 23  | 11   | 20     | 28     | 0.3       | 2       | 1.07  | 93.2      | 92.7983 | 76.8752 |
| 2009 | 6     | 23  | 11   | 35     | 28     | 0.3       | 2       | 1.03  | 90.7      | 92.7983 | 75.4981 |
| 2009 | 6     | 23  | 11   | 50     | 28     | 0.3       | 2       | 1.05  | 94.1      | 92.7983 | 76.1867 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 23  | 12   | 5      | 28     | 0.3       | 2       | 1.02  | 91.8      | 92.6626 | 75.2446 |
| 2009 | 6     | 23  | 12   | 20     | 28     | 0.3       | 2       | 1.05  | 92.5      | 92.6626 | 76.1606 |
| 2009 | 6     | 23  | 12   | 35     | 28     | 0.3       | 2       | 1.05  | 91.8      | 92.7983 | 76.1867 |
| 2009 | 6     | 23  | 12   | 50     | 28     | 0.3       | 2       | 1.04  | 91.1      | 92.6626 | 75.8171 |
| 2009 | 6     | 23  | 13   | 5      | 28     | 0.3       | 2       | 1.03  | 90        | 92.6626 | 75.3591 |
| 2009 | 6     | 23  | 13   | 20     | 28     | 0.3       | 2       | 1.02  | 92.6      | 92.6626 | 75.2446 |
| 2009 | 6     | 23  | 13   | 35     | 28     | 0.3       | 2       | 1.06  | 90.2      | 92.6626 | 76.5041 |
| 2009 | 6     | 23  | 13   | 50     | 28     | 0.3       | 2       | 1.06  | 90.4      | 92.527  | 76.4768 |
| 2009 | 6     | 23  | 14   | 5      | 28     | 0.3       | 2       | 1.06  | 90        | 92.6626 | 76.6185 |
| 2009 | 6     | 23  | 14   | 20     | 28     | 0.3       | 2       | 1.1   | 90.3      | 92.527  | 77.8477 |
| 2009 | 6     | 23  | 14   | 35     | 28     | 0.3       | 2       | 1.09  | 88.6      | 92.527  | 77.505  |
| 2009 | 6     | 23  | 14   | 50     | 28     | 0.3       | 2       | 1.11  | 89.1      | 92.527  | 77.9619 |
| 2009 | 6     | 23  | 15   | 5      | 28     | 0.3       | 2       | 1.08  | 90.7      | 92.527  | 77.048  |
| 2009 | 6     | 23  | 15   | 20     | 28     | 0.3       | 2       | 1.1   | 89.1      | 92.3915 | 77.703  |
| 2009 | 6     | 23  | 15   | 35     | 28     | 0.3       | 2       | 1.07  | 91.8      | 92.527  | 76.591  |
| 2009 | 6     | 23  | 15   | 50     | 28     | 0.3       | 2       | 1.08  | 90        | 92.527  | 76.9338 |
| 2009 | 6     | 23  | 16   | 5      | 28     | 0.3       | 2       | 1.11  | 90.8      | 92.3915 | 78.0449 |
| 2009 | 6     | 23  | 16   | 20     | 28     | 0.3       | 2       | 1.06  | 90        | 92.3915 | 76.2213 |
| 2009 | 6     | 23  | 16   | 35     | 28     | 0.3       | 2       | 1.12  | 90        | 92.3915 | 78.1589 |
| 2009 | 6     | 23  | 16   | 50     | 28     | 0.3       | 2       | 1.07  | 90        | 92.3915 | 76.5632 |
| 2009 | 6     | 23  | 17   | 5      | 28     | 0.3       | 2       | 1.07  | 91.2      | 92.3915 | 76.5632 |
| 2009 | 6     | 23  | 17   | 20     | 28     | 0.3       | 2       | 1.07  | 90        | 92.3915 | 76.5632 |
| 2009 | 6     | 23  | 17   | 35     | 28     | 0.3       | 2       | 1.08  | 90.7      | 92.3915 | 77.0191 |
| 2009 | 6     | 23  | 17   | 50     | 28     | 0.3       | 2       | 1.1   | 90.2      | 92.256  | 77.4447 |
| 2009 | 6     | 23  | 18   | 5      | 28     | 0.3       | 2       | 1.13  | 88.7      | 92.256  | 78.3544 |
| 2009 | 6     | 23  | 18   | 20     | 28     | 0.3       | 2       | 1.1   | 90.2      | 92.256  | 77.4447 |
| 2009 | 6     | 23  | 18   | 35     | 28     | 0.3       | 2       | 1.08  | 90.3      | 92.256  | 76.8761 |
| 2009 | 6     | 23  | 18   | 50     | 28     | 0.3       | 2       | 1.08  | 90        | 92.256  | 76.8761 |
| 2009 | 6     | 23  | 19   | 5      | 28     | 0.3       | 2       | 1.05  | 91.6      | 92.256  | 75.8526 |
| 2009 | 6     | 23  | 19   | 20     | 28     | 0.3       | 2       | 1.04  | 90        | 92.256  | 75.284  |
| 2009 | 6     | 23  | 19   | 35     | 28     | 0.3       | 2       | 1.15  | 90        | 92.256  | 79.0368 |
| 2009 | 6     | 23  | 19   | 50     | 28     | 0.3       | 2       | 1.06  | 91.4      | 92.256  | 75.9663 |
| 2009 | 6     | 23  | 20   | 5      | 28     | 0.3       | 2       | 1.09  | 91.6      | 92.256  | 77.1035 |
| 2009 | 6     | 23  | 20   | 20     | 28     | 0.3       | 2       | 1.09  | 91.4      | 92.256  | 77.1035 |
| 2009 | 6     | 23  | 20   | 35     | 28     | 0.3       | 2       | 1.06  | 91.9      | 92.256  | 76.1937 |
| 2009 | 6     | 23  | 20   | 50     | 28     | 0.3       | 2       | 1.08  | 90        | 92.256  | 76.6486 |
| 2009 | 6     | 23  | 21   | 5      | 28     | 0.3       | 2       | 1.04  | 88.7      | 92.256  | 75.5114 |
| 2009 | 6     | 23  | 21   | 20     | 28     | 0.3       | 2       | 1.09  | 90.9      | 92.1206 | 76.8467 |
| 2009 | 6     | 23  | 21   | 35     | 28     | 0.3       | 2       | 1.1   | 89        | 92.256  | 77.331  |
| 2009 | 6     | 23  | 21   | 50     | 28     | 0.3       | 2       | 1.09  | 91.6      | 92.256  | 77.1035 |
| 2009 | 6     | 23  | 22   | 5      | 28     | 0.3       | 2       | 1.06  | 90.5      | 92.256  | 75.9663 |
| 2009 | 6     | 23  | 22   | 20     | 28     | 0.3       | 2       | 1.07  | 91.6      | 92.256  | 76.3075 |
| 2009 | 6     | 23  | 22   | 35     | 28     | 0.3       | 2       | 1.06  | 89.8      | 92.1206 | 75.8255 |
| 2009 | 6     | 23  | 22   | 50     | 28     | 0.3       | 2       | 1.05  | 92.1      | 92.1206 | 75.5986 |
| 2009 | 6     | 23  | 23   | 5      | 28     | 0.3       | 2       | 1.03  | 92        | 92.1206 | 75.0313 |
| 2009 | 6     | 23  | 23   | 20     | 28     | 0.3       | 2       | 1.09  | 91.4      | 92.1206 | 76.9601 |
| 2009 | 6     | 23  | 23   | 35     | 28     | 0.3       | 2       | 1.06  | 92.5      | 92.1206 | 75.939  |
| 2009 | 6     | 23  | 23   | 50     | 28     | 0.3       | 2       | 1.11  | 90.3      | 92.1206 | 77.7544 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 24  | 0    | 5      | 28     | 0.3       | 2       | 1.07  | 91.1      | 92.1206 | 76.3928 |
| 2009 | 6     | 24  | 0    | 20     | 28     | 0.3       | 2       | 1.04  | 91.1      | 92.1206 | 75.2582 |
| 2009 | 6     | 24  | 0    | 35     | 28     | 0.3       | 2       | 1.07  | 90.5      | 92.1206 | 76.3928 |
| 2009 | 6     | 24  | 0    | 50     | 28     | 0.3       | 2       | 1.04  | 90.7      | 92.1206 | 75.2582 |
| 2009 | 6     | 24  | 1    | 5      | 28     | 0.3       | 2       | 1.07  | 92.1      | 92.1206 | 76.2794 |
| 2009 | 6     | 24  | 1    | 20     | 28     | 0.3       | 2       | 1.06  | 91.8      | 91.9852 | 75.9112 |
| 2009 | 6     | 24  | 1    | 35     | 28     | 0.3       | 2       | 1.07  | 91.8      | 91.9852 | 76.1376 |
| 2009 | 6     | 24  | 1    | 50     | 28     | 0.3       | 2       | 1.09  | 91.2      | 91.9852 | 76.7037 |
| 2009 | 6     | 24  | 2    | 5      | 28     | 0.3       | 2       | 1.04  | 90.4      | 92.1206 | 75.1447 |
| 2009 | 6     | 24  | 2    | 20     | 28     | 0.3       | 2       | 1.07  | 91.6      | 91.9852 | 76.1376 |
| 2009 | 6     | 24  | 2    | 35     | 28     | 0.3       | 2       | 1.07  | 91.1      | 91.9852 | 76.2508 |
| 2009 | 6     | 24  | 2    | 50     | 28     | 0.3       | 2       | 1.04  | 90.7      | 91.9852 | 75.232  |
| 2009 | 6     | 24  | 3    | 5      | 28     | 0.3       | 2       | 1.05  | 90.7      | 91.9852 | 75.4584 |
| 2009 | 6     | 24  | 3    | 20     | 28     | 0.3       | 2       | 1.06  | 90        | 91.9852 | 75.6848 |
| 2009 | 6     | 24  | 3    | 35     | 28     | 0.3       | 2       | 1.03  | 92.2      | 91.9852 | 74.7792 |
| 2009 | 6     | 24  | 3    | 50     | 28     | 0.3       | 2       | 1.04  | 91.4      | 91.9852 | 75.232  |
| 2009 | 6     | 24  | 4    | 5      | 28     | 0.3       | 2       | 1.04  | 92.5      | 91.9852 | 75.232  |
| 2009 | 6     | 24  | 4    | 20     | 28     | 0.3       | 2       | 1.06  | 92.1      | 91.9852 | 75.6848 |
| 2009 | 6     | 24  | 4    | 35     | 28     | 0.3       | 2       | 1.08  | 91.4      | 91.9852 | 76.364  |
| 2009 | 6     | 24  | 4    | 50     | 28     | 0.3       | 2       | 1.08  | 91.6      | 91.8499 | 76.4479 |
| 2009 | 6     | 24  | 5    | 5      | 28     | 0.3       | 2       | 1.03  | 90.7      | 91.8499 | 74.6407 |
| 2009 | 6     | 24  | 5    | 20     | 28     | 0.3       | 2       | 1.08  | 92.1      | 91.8499 | 76.222  |
| 2009 | 6     | 24  | 5    | 35     | 28     | 0.3       | 2       | 1.06  | 89.8      | 91.9852 | 75.798  |
| 2009 | 6     | 24  | 5    | 50     | 28     | 0.3       | 2       | 1.07  | 92.3      | 91.8499 | 75.8831 |
| 2009 | 6     | 24  | 6    | 5      | 28     | 0.3       | 2       | 1.09  | 92.6      | 91.8499 | 76.7867 |
| 2009 | 6     | 24  | 6    | 20     | 28     | 0.3       | 2       | 1.06  | 91.8      | 91.9852 | 75.798  |
| 2009 | 6     | 24  | 6    | 35     | 28     | 0.3       | 2       | 1.07  | 93        | 91.8499 | 75.9961 |
| 2009 | 6     | 24  | 6    | 50     | 28     | 0.3       | 2       | 1.07  | 92.3      | 91.8499 | 75.9961 |
| 2009 | 6     | 24  | 7    | 5      | 28     | 0.3       | 2       | 1     | 91.7      | 91.8499 | 73.5112 |
| 2009 | 6     | 24  | 7    | 20     | 28     | 0.3       | 2       | 1.03  | 91.6      | 91.8499 | 74.6407 |
| 2009 | 6     | 24  | 7    | 35     | 28     | 0.3       | 2       | 1.07  | 92.3      | 91.8499 | 75.9961 |
| 2009 | 6     | 24  | 7    | 50     | 28     | 0.3       | 2       | 1.06  | 91.9      | 91.8499 | 75.7702 |
| 2009 | 6     | 24  | 8    | 5      | 28     | 0.3       | 2       | 1.09  | 91.6      | 91.8499 | 76.5608 |
| 2009 | 6     | 24  | 8    | 20     | 28     | 0.3       | 2       | 1.08  | 92.3      | 91.8499 | 76.3349 |
| 2009 | 6     | 24  | 8    | 35     | 28     | 0.3       | 2       | 1.05  | 90.9      | 91.8499 | 75.4314 |
| 2009 | 6     | 24  | 8    | 50     | 28     | 0.3       | 2       | 1.04  | 92.3      | 91.8499 | 74.9796 |
| 2009 | 6     | 24  | 9    | 5      | 28     | 0.3       | 2       | 1.07  | 91.8      | 91.8499 | 75.9961 |
| 2009 | 6     | 24  | 9    | 20     | 28     | 0.3       | 2       | 1.06  | 92.1      | 91.8499 | 75.6572 |
| 2009 | 6     | 24  | 9    | 35     | 28     | 0.3       | 2       | 1.06  | 91.6      | 91.8499 | 75.6572 |
| 2009 | 6     | 24  | 9    | 50     | 28     | 0.3       | 2       | 1.1   | 91.9      | 91.8499 | 77.0126 |
| 2009 | 6     | 24  | 10   | 5      | 28     | 0.3       | 2       | 1.11  | 92.4      | 91.8499 | 77.2385 |
| 2009 | 6     | 24  | 10   | 20     | 28     | 0.3       | 2       | 1.08  | 92.6      | 91.8499 | 76.222  |
| 2009 | 6     | 24  | 10   | 35     | 28     | 0.3       | 2       | 1.08  | 92.6      | 91.8499 | 76.222  |
| 2009 | 6     | 24  | 10   | 50     | 28     | 0.3       | 2       | 1.08  | 91.9      | 91.8499 | 76.3349 |
| 2009 | 6     | 24  | 11   | 5      | 28     | 0.3       | 2       | 1.08  | 91.9      | 91.8499 | 76.3349 |
| 2009 | 6     | 24  | 11   | 20     | 28     | 0.3       | 2       | 1.1   | 92        | 91.8499 | 77.1256 |
| 2009 | 6     | 24  | 11   | 35     | 28     | 0.3       | 2       | 1.09  | 91.6      | 91.8499 | 76.5608 |
| 2009 | 6     | 24  | 11   | 50     | 28     | 0.3       | 2       | 1.06  | 91.8      | 91.8499 | 75.6572 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 24  | 12   | 5      | 28     | 0.3       | 2       | 1.09  | 90.3      | 91.8499 | 76.7867 |
| 2009 | 6     | 24  | 12   | 20     | 28     | 0.3       | 2       | 1.12  | 91.7      | 91.8499 | 77.5774 |
| 2009 | 6     | 24  | 12   | 35     | 28     | 0.3       | 2       | 1.09  | 92.4      | 91.8499 | 76.5608 |
| 2009 | 6     | 24  | 12   | 50     | 28     | 0.3       | 2       | 1.14  | 90.7      | 91.7147 | 78.1085 |
| 2009 | 6     | 24  | 13   | 5      | 28     | 0.3       | 2       | 1.1   | 90.7      | 91.7147 | 76.7562 |
| 2009 | 6     | 24  | 13   | 20     | 28     | 0.3       | 2       | 1.09  | 91.6      | 91.7147 | 76.5308 |
| 2009 | 6     | 24  | 13   | 35     | 28     | 0.3       | 2       | 1.09  | 90.2      | 91.7147 | 76.4182 |
| 2009 | 6     | 24  | 13   | 50     | 28     | 0.3       | 2       | 1.11  | 91.2      | 91.5795 | 76.9502 |
| 2009 | 6     | 24  | 14   | 5      | 28     | 0.3       | 2       | 1.1   | 92.2      | 91.5795 | 76.7253 |
| 2009 | 6     | 24  | 14   | 20     | 28     | 0.3       | 2       | 1.1   | 91        | 91.4444 | 76.5819 |
| 2009 | 6     | 24  | 14   | 35     | 28     | 0.3       | 2       | 1.08  | 91.2      | 91.4444 | 75.9088 |
| 2009 | 6     | 24  | 14   | 50     | 28     | 0.3       | 2       | 1.05  | 91.8      | 91.3093 | 74.8717 |
| 2009 | 6     | 24  | 15   | 5      | 28     | 0.3       | 2       | 1.1   | 92.7      | 91.3093 | 76.4386 |
| 2009 | 6     | 24  | 15   | 20     | 28     | 0.3       | 2       | 1.07  | 91.1      | 91.3093 | 75.3194 |
| 2009 | 6     | 24  | 15   | 35     | 28     | 0.3       | 2       | 1.1   | 90.9      | 91.1744 | 76.1838 |
| 2009 | 6     | 24  | 15   | 50     | 28     | 0.3       | 2       | 1.06  | 91.6      | 91.1744 | 74.9554 |
| 2009 | 6     | 24  | 16   | 5      | 28     | 0.3       | 2       | 1.05  | 90        | 91.1744 | 74.7321 |
| 2009 | 6     | 24  | 16   | 20     | 28     | 0.3       | 2       | 1.14  | 89.7      | 91.0395 | 77.378  |
| 2009 | 6     | 24  | 16   | 35     | 28     | 0.3       | 2       | 1.11  | 89.8      | 91.0395 | 76.3753 |
| 2009 | 6     | 24  | 16   | 50     | 28     | 0.3       | 2       | 1.1   | 91.4      | 91.0395 | 76.1524 |
| 2009 | 6     | 24  | 17   | 5      | 28     | 0.3       | 2       | 1.14  | 91.2      | 91.0395 | 77.378  |
| 2009 | 6     | 24  | 17   | 20     | 28     | 0.3       | 2       | 1.12  | 90.7      | 91.0395 | 76.8209 |
| 2009 | 6     | 24  | 17   | 35     | 28     | 0.3       | 2       | 1.11  | 89.8      | 91.0395 | 76.5981 |
| 2009 | 6     | 24  | 17   | 50     | 28     | 0.3       | 2       | 1.1   | 90.9      | 91.0395 | 76.2639 |
| 2009 | 6     | 24  | 18   | 5      | 28     | 0.3       | 2       | 1.1   | 90.5      | 91.0395 | 76.1524 |
| 2009 | 6     | 24  | 18   | 20     | 28     | 0.3       | 2       | 1.11  | 89.2      | 91.0395 | 76.4867 |
| 2009 | 6     | 24  | 18   | 35     | 28     | 0.3       | 2       | 1.08  | 90.7      | 91.0395 | 75.484  |
| 2009 | 6     | 24  | 18   | 50     | 28     | 0.3       | 2       | 1.12  | 90.5      | 91.0395 | 76.7095 |
| 2009 | 6     | 24  | 19   | 5      | 28     | 0.3       | 2       | 1.06  | 91.2      | 91.1744 | 74.9554 |
| 2009 | 6     | 24  | 19   | 20     | 28     | 0.3       | 2       | 1.07  | 91.2      | 91.0395 | 75.0383 |
| 2009 | 6     | 24  | 19   | 35     | 28     | 0.3       | 2       | 1.11  | 90        | 91.0395 | 76.3753 |
| 2009 | 6     | 24  | 19   | 50     | 28     | 0.3       | 2       | 1.09  | 91.6      | 91.0395 | 75.8182 |
| 2009 | 6     | 24  | 20   | 5      | 28     | 0.3       | 2       | 1.11  | 90.3      | 91.1744 | 76.6304 |
| 2009 | 6     | 24  | 20   | 20     | 28     | 0.3       | 2       | 1.08  | 90.2      | 91.1744 | 75.7371 |
| 2009 | 6     | 24  | 20   | 35     | 28     | 0.3       | 2       | 1.13  | 90.7      | 91.1744 | 77.4121 |
| 2009 | 6     | 24  | 20   | 50     | 28     | 0.3       | 2       | 1.09  | 90.7      | 91.3093 | 75.9909 |
| 2009 | 6     | 24  | 21   | 5      | 28     | 0.3       | 2       | 1.08  | 91        | 91.3093 | 75.879  |
| 2009 | 6     | 24  | 21   | 20     | 28     | 0.3       | 2       | 1.1   | 91.5      | 91.4444 | 76.4697 |
| 2009 | 6     | 24  | 21   | 35     | 28     | 0.3       | 2       | 1.09  | 90        | 91.3093 | 76.2147 |
| 2009 | 6     | 24  | 21   | 50     | 28     | 0.3       | 2       | 1.03  | 90.4      | 91.7147 | 74.6151 |
| 2009 | 6     | 24  | 22   | 5      | 28     | 0.3       | 2       | 1.1   | 89.7      | 91.7147 | 76.7562 |
| 2009 | 6     | 24  | 22   | 20     | 28     | 0.3       | 2       | 1.06  | 91.1      | 91.8499 | 75.5443 |
| 2009 | 6     | 24  | 22   | 35     | 28     | 0.3       | 2       | 1.03  | 91.1      | 91.9852 | 74.8924 |
| 2009 | 6     | 24  | 22   | 50     | 28     | 0.3       | 2       | 1.07  | 91.6      | 91.9852 | 76.0244 |
| 2009 | 6     | 24  | 23   | 5      | 28     | 0.3       | 2       | 1.08  | 93.3      | 91.8499 | 76.4479 |
| 2009 | 6     | 24  | 23   | 20     | 28     | 0.3       | 2       | 1.09  | 91.7      | 91.9852 | 76.9301 |
| 2009 | 6     | 24  | 23   | 35     | 28     | 0.3       | 2       | 1.1   | 91.2      | 92.1206 | 77.414  |
| 2009 | 6     | 24  | 23   | 50     | 28     | 0.3       | 2       | 1.11  | 90.5      | 92.1206 | 77.6409 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 25  | 0    | 5      | 28     | 0.3       | 2       | 1.07  | 91.8      | 92.256  | 76.4212 |
| 2009 | 6     | 25  | 0    | 20     | 28     | 0.3       | 2       | 1.06  | 92.7      | 92.256  | 76.08   |
| 2009 | 6     | 25  | 0    | 35     | 28     | 0.3       | 2       | 1.08  | 90.9      | 92.3915 | 76.7911 |
| 2009 | 6     | 25  | 0    | 50     | 28     | 0.3       | 2       | 1.06  | 92.7      | 92.3915 | 76.2213 |
| 2009 | 6     | 25  | 1    | 5      | 28     | 0.3       | 2       | 1.05  | 93.1      | 92.3915 | 75.7653 |
| 2009 | 6     | 25  | 1    | 20     | 28     | 0.3       | 2       | 1.07  | 94        | 92.3915 | 76.5632 |
| 2009 | 6     | 25  | 1    | 35     | 28     | 0.3       | 2       | 1.07  | 95.1      | 92.3915 | 76.4492 |
| 2009 | 6     | 25  | 1    | 50     | 28     | 0.3       | 2       | 1.05  | 92.9      | 92.3915 | 75.8793 |
| 2009 | 6     | 25  | 2    | 5      | 28     | 0.3       | 2       | 1.09  | 93.8      | 92.527  | 77.1622 |
| 2009 | 6     | 25  | 2    | 20     | 28     | 0.3       | 2       | 1.05  | 91.8      | 92.527  | 76.1341 |
| 2009 | 6     | 25  | 2    | 35     | 28     | 0.3       | 2       | 1.09  | 92.4      | 92.6626 | 77.42   |
| 2009 | 6     | 25  | 2    | 50     | 28     | 0.3       | 2       | 1.05  | 91.6      | 92.6626 | 76.0461 |
| 2009 | 6     | 25  | 3    | 5      | 28     | 0.3       | 2       | 1.05  | 90.5      | 92.7983 | 76.4162 |
| 2009 | 6     | 25  | 3    | 20     | 28     | 0.3       | 2       | 1.08  | 92.4      | 92.7983 | 77.3342 |
| 2009 | 6     | 25  | 3    | 35     | 28     | 0.3       | 2       | 1.07  | 93.2      | 93.0698 | 77.3904 |
| 2009 | 6     | 25  | 3    | 50     | 28     | 0.3       | 2       | 1.03  | 91.8      | 93.2057 | 76.0315 |
| 2009 | 6     | 25  | 4    | 5      | 28     | 0.3       | 2       | 1.04  | 93.2      | 93.3417 | 76.6346 |
| 2009 | 6     | 25  | 4    | 20     | 28     | 0.3       | 2       | 1.08  | 91.4      | 93.4777 | 78.1683 |
| 2009 | 6     | 25  | 4    | 35     | 28     | 0.3       | 2       | 1.04  | 90.9      | 93.4777 | 76.6595 |
| 2009 | 6     | 25  | 4    | 50     | 28     | 0.3       | 2       | 1.06  | 92.1      | 93.4777 | 77.2398 |
| 2009 | 6     | 25  | 5    | 5      | 28     | 0.3       | 2       | 1.12  | 91.7      | 93.6137 | 79.4757 |
| 2009 | 6     | 25  | 5    | 20     | 28     | 0.3       | 2       | 1.05  | 93.9      | 93.6137 | 77.033  |
| 2009 | 6     | 25  | 5    | 35     | 28     | 0.3       | 2       | 1.1   | 90.7      | 93.6137 | 78.8941 |
| 2009 | 6     | 25  | 5    | 50     | 28     | 0.3       | 2       | 1.07  | 92.6      | 93.6137 | 77.9636 |
| 2009 | 6     | 25  | 6    | 5      | 28     | 0.3       | 2       | 1.07  | 91.8      | 93.6137 | 77.7309 |
| 2009 | 6     | 25  | 6    | 20     | 28     | 0.3       | 2       | 1.06  | 92        | 93.7498 | 77.5243 |
| 2009 | 6     | 25  | 6    | 35     | 28     | 0.3       | 2       | 1.07  | 92.5      | 93.7498 | 77.9907 |
| 2009 | 6     | 25  | 6    | 50     | 28     | 0.3       | 2       | 1.06  | 92.7      | 93.7498 | 77.6409 |
| 2009 | 6     | 25  | 7    | 5      | 28     | 0.3       | 2.3     | 1.07  | 91.9      | 93.886  | 78.1342 |
| 2009 | 6     | 25  | 7    | 20     | 28     | 0.3       | 2.3     | 1.02  | 92.9      | 93.886  | 76.4984 |
| 2009 | 6     | 25  | 7    | 35     | 28     | 0.3       | 2.3     | 1.08  | 92.1      | 93.886  | 78.6015 |
| 2009 | 6     | 25  | 7    | 50     | 28     | 0.3       | 2.3     | 1.08  | 92.1      | 93.886  | 78.6015 |
| 2009 | 6     | 25  | 8    | 5      | 28     | 0.3       | 2.3     | 1.04  | 93.3      | 94.0223 | 77.1068 |
| 2009 | 6     | 25  | 8    | 20     | 28     | 0.3       | 2.3     | 1.09  | 92.2      | 94.0223 | 79.0976 |
| 2009 | 6     | 25  | 8    | 35     | 28     | 0.3       | 2.3     | 1.03  | 93.5      | 94.1586 | 77.0132 |
| 2009 | 6     | 25  | 8    | 50     | 28     | 0.3       | 2.3     | 1.07  | 91.4      | 94.1586 | 78.539  |
| 2009 | 6     | 25  | 9    | 5      | 28     | 0.3       | 2.3     | 1.03  | 92        | 94.1586 | 77.0132 |
| 2009 | 6     | 25  | 9    | 20     | 28     | 0.3       | 2.3     | 1.11  | 91.7      | 94.4314 | 80.1244 |
| 2009 | 6     | 25  | 9    | 35     | 28     | 0.3       | 2.3     | 1.09  | 92.6      | 94.4314 | 79.5349 |
| 2009 | 6     | 25  | 9    | 50     | 28     | 0.3       | 2.3     | 1.09  | 92.9      | 94.7046 | 79.5904 |
| 2009 | 6     | 25  | 10   | 5      | 28     | 0.3       | 2.3     | 1.09  | 92.4      | 94.7046 | 79.5904 |
| 2009 | 6     | 25  | 10   | 20     | 28     | 0.3       | 2.3     | 1.07  | 93.3      | 94.7046 | 78.9983 |
| 2009 | 6     | 25  | 10   | 35     | 28     | 0.3       | 2.3     | 1.09  | 91.7      | 94.8412 | 79.7363 |
| 2009 | 6     | 25  | 10   | 50     | 28     | 0.3       | 2.3     | 1.09  | 91.4      | 94.8412 | 79.855  |
| 2009 | 6     | 25  | 11   | 5      | 28     | 0.3       | 2.3     | 1.11  | 91.7      | 94.8412 | 80.5671 |
| 2009 | 6     | 25  | 11   | 20     | 28     | 0.3       | 2.3     | 1.08  | 91        | 94.978  | 79.6444 |
| 2009 | 6     | 25  | 11   | 35     | 28     | 0.3       | 2.3     | 1.11  | 90.7      | 94.978  | 80.596  |
| 2009 | 6     | 25  | 11   | 50     | 28     | 0.3       | 2.3     | 1.12  | 92.3      | 95.1148 | 81.3398 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 25  | 12   | 5      | 28     | 0.3       | 2.3     | 1.08  | 91.6      | 95.1148 | 79.79   |
| 2009 | 6     | 25  | 12   | 20     | 28     | 0.3       | 2.3     | 1.14  | 90.3      | 95.1148 | 82.0552 |
| 2009 | 6     | 25  | 12   | 35     | 28     | 0.3       | 2.3     | 1.11  | 90.5      | 95.1148 | 80.9822 |
| 2009 | 6     | 25  | 12   | 50     | 28     | 0.3       | 2.3     | 1.1   | 90        | 95.2517 | 80.7722 |
| 2009 | 6     | 25  | 13   | 5      | 28     | 0.3       | 2.3     | 1.07  | 90.7      | 95.2517 | 79.6968 |
| 2009 | 6     | 25  | 13   | 20     | 28     | 0.3       | 2.3     | 1.12  | 90        | 95.3886 | 81.3989 |
| 2009 | 6     | 25  | 13   | 35     | 28     | 0.3       | 2.3     | 1.07  | 90.9      | 95.3886 | 79.8422 |
| 2009 | 6     | 25  | 13   | 50     | 28     | 0.3       | 2.3     | 1.05  | 90.4      | 95.3886 | 79.1237 |
| 2009 | 6     | 25  | 14   | 5      | 28     | 0.3       | 2.3     | 1.09  | 91.4      | 95.3886 | 80.4409 |
| 2009 | 6     | 25  | 14   | 20     | 28     | 0.3       | 2.3     | 1.06  | 89.5      | 95.3886 | 79.2434 |
| 2009 | 6     | 25  | 14   | 35     | 28     | 0.3       | 2.3     | 1.12  | 89.2      | 95.5256 | 81.668  |
| 2009 | 6     | 25  | 14   | 50     | 28     | 0.3       | 2.3     | 1.04  | 88.7      | 95.5256 | 78.9076 |
| 2009 | 6     | 25  | 15   | 5      | 28     | 0.3       | 2.3     | 1.1   | 88.1      | 95.5256 | 80.9479 |
| 2009 | 6     | 25  | 15   | 20     | 28     | 0.3       | 2.3     | 1.08  | 89.3      | 95.5256 | 80.2278 |
| 2009 | 6     | 25  | 15   | 35     | 28     | 0.3       | 2.3     | 1.1   | 92.4      | 95.5256 | 80.9479 |
| 2009 | 6     | 25  | 15   | 50     | 28     | 0.3       | 2.3     | 1.13  | 90.7      | 95.5256 | 81.908  |
| 2009 | 6     | 25  | 16   | 5      | 28     | 0.3       | 2.3     | 1.1   | 90        | 95.6627 | 80.9754 |
| 2009 | 6     | 25  | 16   | 20     | 28     | 0.3       | 2.3     | 1.08  | 90        | 95.6627 | 80.4943 |
| 2009 | 6     | 25  | 16   | 35     | 28     | 0.3       | 2.3     | 1.1   | 91.5      | 95.6627 | 80.9754 |
| 2009 | 6     | 25  | 16   | 50     | 28     | 0.3       | 2.3     | 1.08  | 90.9      | 95.6627 | 80.4943 |
| 2009 | 6     | 25  | 17   | 5      | 28     | 0.3       | 2.3     | 1.11  | 89.3      | 95.6627 | 81.3362 |
| 2009 | 6     | 25  | 17   | 20     | 28     | 0.3       | 2.3     | 1.08  | 88.8      | 95.7999 | 80.6409 |
| 2009 | 6     | 25  | 17   | 35     | 28     | 0.3       | 2.3     | 1.11  | 91        | 95.7999 | 81.7258 |
| 2009 | 6     | 25  | 17   | 50     | 28     | 0.3       | 2.3     | 1.08  | 89.8      | 95.7999 | 80.6409 |
| 2009 | 6     | 25  | 18   | 5      | 28     | 0.3       | 2.3     | 1.1   | 90.7      | 95.9371 | 81.5126 |
| 2009 | 6     | 25  | 18   | 20     | 28     | 0.3       | 2.3     | 1.09  | 89.7      | 96.0744 | 81.0557 |
| 2009 | 6     | 25  | 18   | 35     | 28     | 0.3       | 2.3     | 1.1   | 90.2      | 96.0744 | 81.54   |
| 2009 | 6     | 25  | 18   | 50     | 28     | 0.3       | 2.3     | 1.08  | 90.7      | 96.2118 | 80.9603 |
| 2009 | 6     | 25  | 19   | 5      | 28     | 0.3       | 2.3     | 1.09  | 90.7      | 96.3492 | 81.3506 |
| 2009 | 6     | 25  | 19   | 20     | 28     | 0.3       | 2.3     | 1.07  | 88.9      | 96.4867 | 81.0106 |
| 2009 | 6     | 25  | 19   | 35     | 28     | 0.3       | 2.3     | 1.08  | 90.5      | 96.762  | 81.6715 |
| 2009 | 6     | 25  | 19   | 50     | 28     | 0.3       | 2.3     | 1.07  | 91.2      | 96.8997 | 81.3285 |
| 2009 | 6     | 25  | 20   | 5      | 28     | 0.3       | 2.3     | 1.13  | 91.8      | 96.8997 | 83.6598 |
| 2009 | 6     | 25  | 20   | 20     | 28     | 0.3       | 2.3     | 1.07  | 92.1      | 97.0375 | 81.4754 |
| 2009 | 6     | 25  | 20   | 35     | 28     | 0.3       | 2.3     | 1.07  | 93.2      | 97.0375 | 81.4754 |
| 2009 | 6     | 25  | 20   | 50     | 28     | 0.3       | 2.3     | 1.11  | 92.5      | 97.1753 | 83.2245 |
| 2009 | 6     | 25  | 21   | 5      | 28     | 0.3       | 2.3     | 1.11  | 91.2      | 97.1753 | 83.1013 |
| 2009 | 6     | 25  | 21   | 20     | 28     | 0.3       | 2.3     | 1.1   | 92.1      | 97.3133 | 82.7577 |
| 2009 | 6     | 25  | 21   | 35     | 28     | 0.3       | 2.3     | 1.1   | 89.5      | 97.3133 | 82.8812 |
| 2009 | 6     | 25  | 21   | 50     | 28     | 0.3       | 2.3     | 1.08  | 91.6      | 97.4513 | 82.1645 |
| 2009 | 6     | 25  | 22   | 5      | 28     | 0.3       | 2.3     | 0.96  | 91        | 97.3133 | 77.8172 |
| 2009 | 6     | 25  | 22   | 20     | 28     | 0.3       | 2.3     | 0.96  | 88.8      | 97.4513 | 77.9559 |
| 2009 | 6     | 25  | 22   | 35     | 28     | 0.3       | 2.3     | 1     | 90.2      | 97.4513 | 79.1937 |
| 2009 | 6     | 25  | 22   | 50     | 28     | 0.3       | 2.3     | 1     | 89.2      | 97.5893 | 79.3352 |
| 2009 | 6     | 25  | 23   | 5      | 28     | 0.3       | 2.3     | 0.93  | 90.8      | 97.5893 | 76.7301 |
| 2009 | 6     | 25  | 23   | 20     | 28     | 0.3       | 2.3     | 1.09  | 91.4      | 97.7275 | 82.958  |
| 2009 | 6     | 25  | 23   | 35     | 28     | 0.3       | 2.3     | 1.02  | 89.3      | 97.7275 | 80.3472 |
| 2009 | 6     | 25  | 23   | 50     | 28     | 0.3       | 2.3     | 1.06  | 90        | 97.8657 | 81.9861 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 26  | 0    | 5      | 28     | 0.3       | 2.3     | 1     | 90.4      | 98.004   | 80.0103 |
| 2009 | 6     | 26  | 0    | 20     | 28     | 0.3       | 2.3     | 0.97  | 90.2      | 98.2808  | 79.0415 |
| 2009 | 6     | 26  | 0    | 35     | 28     | 0.3       | 2.3     | 0.98  | 90.6      | 98.2808  | 79.4178 |
| 2009 | 6     | 26  | 0    | 50     | 28     | 0.3       | 2.3     | 1     | 89.8      | 98.4193  | 80.4386 |
| 2009 | 6     | 26  | 1    | 5      | 28     | 0.3       | 2.3     | 1.04  | 90.7      | 98.4193  | 81.8212 |
| 2009 | 6     | 26  | 1    | 20     | 28     | 0.3       | 2.3     | 1.04  | 90.9      | 98.4193  | 81.6955 |
| 2009 | 6     | 26  | 1    | 35     | 28     | 0.3       | 2.3     | 1.04  | 91.3      | 98.5578  | 82.0932 |
| 2009 | 6     | 26  | 1    | 50     | 28     | 0.3       | 2.3     | 1.08  | 91        | 98.6965  | 83.5021 |
| 2009 | 6     | 26  | 2    | 5      | 28     | 0.3       | 2.3     | 1.13  | 91        | 98.6965  | 85.3957 |
| 2009 | 6     | 26  | 2    | 20     | 28     | 0.3       | 2.3     | 1.12  | 90.7      | 98.8352  | 85.4227 |
| 2009 | 6     | 26  | 2    | 35     | 28     | 0.3       | 2.3     | 1.06  | 90.7      | 98.8352  | 83.0189 |
| 2009 | 6     | 26  | 2    | 50     | 28     | 0.3       | 2.3     | 1.07  | 92.5      | 98.974   | 83.6742 |
| 2009 | 6     | 26  | 3    | 5      | 28     | 0.3       | 2.3     | 1.11  | 92.4      | 98.974   | 85.1957 |
| 2009 | 6     | 26  | 3    | 20     | 28     | 0.3       | 2.3     | 1.07  | 90        | 99.1128  | 83.8236 |
| 2009 | 6     | 26  | 3    | 35     | 28     | 0.3       | 2.3     | 1.07  | 90.5      | 99.1128  | 83.8236 |
| 2009 | 6     | 26  | 3    | 50     | 28     | 0.3       | 2.3     | 1.07  | 90.2      | 99.2517  | 83.7185 |
| 2009 | 6     | 26  | 4    | 5      | 28     | 0.3       | 2.3     | 1.09  | 91.2      | 99.3907  | 84.7609 |
| 2009 | 6     | 26  | 4    | 20     | 28     | 0.3       | 2.3     | 1.08  | 91.6      | 99.3907  | 84.2504 |
| 2009 | 6     | 26  | 4    | 35     | 28     | 0.3       | 2.3     | 1.08  | 91        | 99.6689  | 84.5508 |
| 2009 | 6     | 26  | 4    | 50     | 28     | 0.3       | 2.3     | 1.15  | 90.2      | 99.9474  | 87.8126 |
| 2009 | 6     | 26  | 5    | 5      | 28     | 0.3       | 2.3     | 1.06  | 89.3      | 99.9474  | 84.0794 |
| 2009 | 6     | 26  | 5    | 20     | 28     | 0.3       | 2.3     | 1.1   | 91.5      | 100.0867 | 85.9056 |
| 2009 | 6     | 26  | 5    | 35     | 28     | 0.3       | 2.3     | 1.12  | 90.3      | 100.0867 | 86.5506 |
| 2009 | 6     | 26  | 5    | 50     | 28     | 0.3       | 2.3     | 1.07  | 91.2      | 100.2261 | 84.8948 |
| 2009 | 6     | 26  | 6    | 5      | 28     | 0.3       | 2.3     | 1.07  | 90.4      | 100.2261 | 85.0241 |
| 2009 | 6     | 26  | 6    | 20     | 28     | 0.3       | 2.3     | 1.1   | 91        | 100.2261 | 85.9291 |
| 2009 | 6     | 26  | 6    | 35     | 28     | 0.3       | 2.3     | 1.13  | 91.5      | 100.2261 | 87.3513 |
| 2009 | 6     | 26  | 6    | 50     | 28     | 0.3       | 2.3     | 1.09  | 91.5      | 100.3656 | 85.9522 |
| 2009 | 6     | 26  | 7    | 5      | 28     | 0.3       | 2.3     | 1.08  | 92.4      | 100.3656 | 85.3044 |
| 2009 | 6     | 26  | 7    | 20     | 28     | 0.3       | 2.3     | 1.06  | 90.9      | 100.3656 | 84.6566 |
| 2009 | 6     | 26  | 7    | 35     | 28     | 0.3       | 2.3     | 1.08  | 92.3      | 100.3656 | 85.3044 |
| 2009 | 6     | 26  | 7    | 50     | 28     | 0.3       | 2.3     | 1.11  | 90.7      | 100.3656 | 86.7296 |
| 2009 | 6     | 26  | 8    | 5      | 28     | 0.3       | 2.3     | 1.09  | 91.4      | 100.5052 | 85.8451 |
| 2009 | 6     | 26  | 8    | 20     | 28     | 0.3       | 2.3     | 1.09  | 90.3      | 100.5052 | 85.975  |
| 2009 | 6     | 26  | 8    | 35     | 28     | 0.3       | 2.3     | 1.08  | 91.6      | 100.5052 | 85.4556 |
| 2009 | 6     | 26  | 8    | 50     | 28     | 0.3       | 2.3     | 1.12  | 90.3      | 100.5052 | 87.1436 |
| 2009 | 6     | 26  | 9    | 5      | 28     | 0.3       | 2.3     | 1.06  | 91.2      | 100.6448 | 84.8261 |
| 2009 | 6     | 26  | 9    | 20     | 28     | 0.3       | 2.3     | 1.08  | 91.7      | 100.6448 | 85.6069 |
| 2009 | 6     | 26  | 9    | 35     | 28     | 0.3       | 2.3     | 1.11  | 91.5      | 100.7845 | 87.1928 |
| 2009 | 6     | 26  | 9    | 50     | 28     | 0.3       | 2.3     | 1.05  | 91.4      | 100.9242 | 84.9952 |
| 2009 | 6     | 26  | 10   | 5      | 28     | 0.3       | 2.3     | 1.06  | 90.7      | 100.7845 | 85.2367 |
| 2009 | 6     | 26  | 10   | 20     | 28     | 0.3       | 2.3     | 1.07  | 93.2      | 100.9242 | 85.7793 |
| 2009 | 6     | 26  | 10   | 35     | 28     | 0.3       | 2.3     | 1.08  | 89.3      | 100.9242 | 86.0406 |
| 2009 | 6     | 26  | 10   | 50     | 28     | 0.3       | 2.3     | 1.05  | 91.1      | 100.9242 | 84.9952 |
| 2009 | 6     | 26  | 11   | 5      | 28     | 0.3       | 2.3     | 1.02  | 91.8      | 101.204  | 84.1137 |
| 2009 | 6     | 26  | 11   | 20     | 28     | 0.3       | 2.3     | 1.1   | 92.1      | 100.9242 | 86.8248 |
| 2009 | 6     | 26  | 11   | 35     | 28     | 0.3       | 2.3     | 1.12  | 92.7      | 100.9242 | 87.4782 |
| 2009 | 6     | 26  | 11   | 50     | 28     | 0.3       | 2.3     | 1.04  | 91.8      | 101.0641 | 84.4901 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 26  | 12   | 5      | 28     | 0.3       | 2.3     | 1.05  | 93.8      | 101.0641 | 85.014  |
| 2009 | 6     | 26  | 12   | 20     | 28     | 0.3       | 2.3     | 1.07  | 92.6      | 101.0641 | 85.9308 |
| 2009 | 6     | 26  | 12   | 35     | 28     | 0.3       | 2.3     | 1.03  | 92.5      | 101.204  | 84.5074 |
| 2009 | 6     | 26  | 12   | 50     | 28     | 0.3       | 2.3     | 1.08  | 91.7      | 101.204  | 86.2136 |
| 2009 | 6     | 26  | 13   | 5      | 28     | 0.3       | 2.3     | 1.06  | 91.2      | 101.204  | 85.6887 |
| 2009 | 6     | 26  | 13   | 20     | 28     | 0.3       | 2.3     | 1.04  | 91.6      | 101.0641 | 84.7521 |
| 2009 | 6     | 26  | 13   | 35     | 28     | 0.3       | 2.3     | 1.07  | 91.9      | 101.0641 | 85.6688 |
| 2009 | 6     | 26  | 13   | 50     | 28     | 0.3       | 2.3     | 1.04  | 91.6      | 101.0641 | 84.6211 |
| 2009 | 6     | 26  | 14   | 5      | 28     | 0.3       | 2.3     | 1.05  | 92.7      | 101.0641 | 85.014  |
| 2009 | 6     | 26  | 14   | 20     | 28     | 0.3       | 2.3     | 1.09  | 91.4      | 100.9242 | 86.4327 |
| 2009 | 6     | 26  | 14   | 35     | 28     | 0.3       | 2.3     | 0.97  | 91.9      | 101.0641 | 81.7398 |
| 2009 | 6     | 26  | 14   | 50     | 28     | 0.3       | 2.3     | 1.06  | 90.9      | 101.0641 | 85.2759 |
| 2009 | 6     | 26  | 15   | 5      | 28     | 0.3       | 2.3     | 1.07  | 92.5      | 101.0641 | 85.7998 |
| 2009 | 6     | 26  | 15   | 20     | 28     | 0.3       | 2.3     | 1.04  | 92        | 101.0641 | 84.6211 |
| 2009 | 6     | 26  | 15   | 35     | 28     | 0.3       | 2.3     | 1.03  | 91.5      | 101.0641 | 84.2282 |
| 2009 | 6     | 26  | 15   | 50     | 28     | 0.3       | 2.3     | 1.08  | 92.8      | 101.0641 | 86.1927 |
| 2009 | 6     | 26  | 16   | 5      | 28     | 0.3       | 2.3     | 1.08  | 92.1      | 101.0641 | 86.0617 |
| 2009 | 6     | 26  | 16   | 20     | 28     | 0.3       | 2.3     | 1.03  | 94.4      | 101.0641 | 84.2282 |
| 2009 | 6     | 26  | 16   | 35     | 28     | 0.3       | 2.3     | 1.07  | 92.3      | 101.0641 | 85.7998 |
| 2009 | 6     | 26  | 16   | 50     | 28     | 0.3       | 2.3     | 1.05  | 92.9      | 101.0641 | 84.883  |
| 2009 | 6     | 26  | 17   | 5      | 28     | 0.3       | 2.3     | 1.08  | 91        | 101.0641 | 86.0617 |
| 2009 | 6     | 26  | 17   | 20     | 28     | 0.3       | 2.3     | 1.06  | 93.6      | 101.0641 | 85.2759 |
| 2009 | 6     | 26  | 17   | 35     | 28     | 0.3       | 2.3     | 1.07  | 92.5      | 101.0641 | 85.7998 |
| 2009 | 6     | 26  | 17   | 50     | 28     | 0.3       | 2.3     | 1.04  | 93.5      | 101.0641 | 84.3592 |
| 2009 | 6     | 26  | 18   | 5      | 28     | 0.3       | 2.3     | 1.08  | 92.1      | 101.0641 | 86.0617 |
| 2009 | 6     | 26  | 18   | 20     | 28     | 0.3       | 2.3     | 1.03  | 93.3      | 101.0641 | 84.0972 |
| 2009 | 6     | 26  | 18   | 35     | 28     | 0.3       | 2.3     | 1.04  | 92.5      | 101.0641 | 84.6211 |
| 2009 | 6     | 26  | 18   | 50     | 28     | 0.3       | 2.3     | 1.08  | 92.8      | 101.0641 | 86.1927 |
| 2009 | 6     | 26  | 19   | 5      | 28     | 0.3       | 2.3     | 1.03  | 94.7      | 101.0641 | 84.0972 |
| 2009 | 6     | 26  | 19   | 20     | 28     | 0.3       | 2.3     | 1     | 94.9      | 101.0641 | 83.0495 |
| 2009 | 6     | 26  | 19   | 35     | 28     | 0.3       | 2.3     | 1.05  | 93.4      | 101.0641 | 84.883  |
| 2009 | 6     | 26  | 19   | 50     | 28     | 0.3       | 2.3     | 1.08  | 92.3      | 101.0641 | 86.1927 |
| 2009 | 6     | 26  | 20   | 5      | 28     | 0.3       | 2.3     | 1     | 94.3      | 101.0641 | 83.0495 |
| 2009 | 6     | 26  | 20   | 20     | 28     | 0.3       | 2.3     | 1.05  | 92.5      | 101.0641 | 85.145  |
| 2009 | 6     | 26  | 20   | 35     | 28     | 0.3       | 2.3     | 1.03  | 92.4      | 101.0641 | 84.0972 |
| 2009 | 6     | 26  | 20   | 50     | 28     | 0.3       | 2.3     | 1.06  | 93        | 101.0641 | 85.4069 |
| 2009 | 6     | 26  | 21   | 5      | 28     | 0.3       | 2.3     | 1.07  | 93.2      | 101.0641 | 85.7998 |
| 2009 | 6     | 26  | 21   | 20     | 28     | 0.3       | 2.3     | 1.05  | 93.2      | 101.0641 | 85.014  |
| 2009 | 6     | 26  | 21   | 35     | 28     | 0.3       | 2.3     | 1.03  | 91.6      | 101.0641 | 84.3592 |
| 2009 | 6     | 26  | 21   | 50     | 28     | 0.3       | 2.3     | 1.04  | 95        | 101.0641 | 84.6211 |
| 2009 | 6     | 26  | 22   | 5      | 28     | 0.3       | 2.3     | 1.02  | 94.4      | 101.0641 | 83.5734 |
| 2009 | 6     | 26  | 22   | 20     | 28     | 0.3       | 2.3     | 1.08  | 93.1      | 101.0641 | 86.3237 |
| 2009 | 6     | 26  | 22   | 35     | 28     | 0.3       | 2.3     | 1.01  | 96.5      | 101.204  | 83.195  |
| 2009 | 6     | 26  | 22   | 50     | 28     | 0.3       | 2.3     | 1.02  | 97.6      | 101.0641 | 83.5734 |
| 2009 | 6     | 26  | 23   | 5      | 28     | 0.3       | 2.3     | 1.03  | 96.2      | 101.204  | 83.9824 |
| 2009 | 6     | 26  | 23   | 20     | 28     | 0.3       | 2.3     | 1.05  | 95.6      | 101.204  | 85.0324 |
| 2009 | 6     | 26  | 23   | 35     | 28     | 0.3       | 2.3     | 0.98  | 95.4      | 101.204  | 82.2762 |
| 2009 | 6     | 26  | 23   | 50     | 28     | 0.3       | 2.3     | 1.07  | 93        | 101.204  | 85.8199 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 27  | 0    | 5      | 28     | 0.3       | 2.3     | 1.05  | 93.8      | 101.204  | 85.0324 |
| 2009 | 6     | 27  | 0    | 20     | 28     | 0.3       | 2.3     | 0.99  | 93.4      | 101.344  | 82.8144 |
| 2009 | 6     | 27  | 0    | 35     | 28     | 0.3       | 2.3     | 1.11  | 92.2      | 101.204  | 87.3949 |
| 2009 | 6     | 27  | 0    | 50     | 28     | 0.3       | 2.3     | 1.1   | 92.4      | 101.204  | 87.2636 |
| 2009 | 6     | 27  | 1    | 5      | 28     | 0.3       | 2.3     | 1.06  | 95.7      | 101.204  | 85.2949 |
| 2009 | 6     | 27  | 1    | 20     | 28     | 0.3       | 2.3     | 1.03  | 92.4      | 101.204  | 84.3762 |
| 2009 | 6     | 27  | 1    | 35     | 28     | 0.3       | 2.3     | 1.05  | 91.6      | 101.204  | 85.1637 |
| 2009 | 6     | 27  | 1    | 50     | 28     | 0.3       | 2.3     | 1.08  | 94.2      | 101.204  | 86.0824 |
| 2009 | 6     | 27  | 2    | 5      | 28     | 0.3       | 2.3     | 1.04  | 91.4      | 101.204  | 84.7699 |
| 2009 | 6     | 27  | 2    | 20     | 28     | 0.3       | 2.3     | 1.09  | 93.1      | 101.204  | 86.6074 |
| 2009 | 6     | 27  | 2    | 35     | 28     | 0.3       | 2.3     | 1.04  | 91.4      | 101.0641 | 84.6211 |
| 2009 | 6     | 27  | 2    | 50     | 28     | 0.3       | 2.3     | 1.04  | 96        | 101.204  | 84.5074 |
| 2009 | 6     | 27  | 3    | 5      | 28     | 0.3       | 2.3     | 1.09  | 92.9      | 101.204  | 86.8699 |
| 2009 | 6     | 27  | 3    | 20     | 28     | 0.3       | 2.3     | 1.03  | 94.4      | 101.204  | 84.3762 |
| 2009 | 6     | 27  | 3    | 35     | 28     | 0.3       | 2.3     | 1.06  | 93.4      | 101.344  | 85.8396 |
| 2009 | 6     | 27  | 3    | 50     | 28     | 0.3       | 2.3     | 1.06  | 92.5      | 101.344  | 85.8396 |
| 2009 | 6     | 27  | 4    | 5      | 28     | 0.3       | 2.3     | 1.07  | 92.5      | 101.204  | 86.0824 |
| 2009 | 6     | 27  | 4    | 20     | 28     | 0.3       | 2.3     | 1.11  | 93.1      | 101.204  | 87.3949 |
| 2009 | 6     | 27  | 4    | 35     | 28     | 0.3       | 2.3     | 1.08  | 94        | 101.204  | 86.2136 |
| 2009 | 6     | 27  | 4    | 50     | 28     | 0.3       | 2.3     | 1.06  | 93.2      | 101.344  | 85.8396 |
| 2009 | 6     | 27  | 5    | 5      | 28     | 0.3       | 2.3     | 1.14  | 91.7      | 101.344  | 88.7332 |
| 2009 | 6     | 27  | 5    | 20     | 28     | 0.3       | 2.3     | 1.11  | 93.9      | 101.344  | 87.8125 |
| 2009 | 6     | 27  | 5    | 35     | 28     | 0.3       | 2.3     | 1.13  | 91.7      | 101.204  | 88.3136 |
| 2009 | 6     | 27  | 5    | 50     | 28     | 0.3       | 2.3     | 1.08  | 90.5      | 101.344  | 86.3657 |
| 2009 | 6     | 27  | 6    | 5      | 28     | 0.3       | 2.3     | 1.11  | 91.7      | 101.344  | 87.5495 |
| 2009 | 6     | 27  | 6    | 20     | 28     | 0.3       | 2.3     | 1.04  | 92.5      | 101.344  | 85.0504 |
| 2009 | 6     | 27  | 6    | 35     | 28     | 0.3       | 2.3     | 1.11  | 92.5      | 101.344  | 87.5495 |
| 2009 | 6     | 27  | 6    | 50     | 28     | 0.3       | 2.3     | 1.13  | 91.5      | 101.344  | 88.3386 |
| 2009 | 6     | 27  | 7    | 5      | 28     | 0.3       | 2.3     | 1.1   | 91.9      | 101.484  | 87.5724 |
| 2009 | 6     | 27  | 7    | 20     | 28     | 0.3       | 2.3     | 1.06  | 94.3      | 101.344  | 85.445  |
| 2009 | 6     | 27  | 7    | 35     | 28     | 0.3       | 2.3     | 1.07  | 92.1      | 101.484  | 86.1225 |
| 2009 | 6     | 27  | 7    | 50     | 28     | 0.3       | 2.3     | 1.03  | 93.1      | 101.484  | 84.4089 |
| 2009 | 6     | 27  | 8    | 5      | 28     | 0.3       | 2.3     | 1.08  | 93.3      | 101.344  | 86.4972 |
| 2009 | 6     | 27  | 8    | 20     | 28     | 0.3       | 2.3     | 1.08  | 92.3      | 101.484  | 86.6497 |
| 2009 | 6     | 27  | 8    | 35     | 28     | 0.3       | 2.3     | 1.11  | 90.5      | 101.484  | 87.836  |
| 2009 | 6     | 27  | 8    | 50     | 28     | 0.3       | 2.3     | 1.06  | 92.5      | 101.344  | 85.5765 |
| 2009 | 6     | 27  | 9    | 5      | 28     | 0.3       | 2.3     | 1.03  | 92.5      | 101.0641 | 84.3592 |
| 2009 | 6     | 27  | 9    | 20     | 28     | 0.3       | 2.3     | 0.99  | 93.6      | 100.9242 | 82.3814 |
| 2009 | 6     | 27  | 9    | 35     | 28     | 0.3       | 2.3     | 0.97  | 91.4      | 100.9242 | 81.8587 |
| 2009 | 6     | 27  | 9    | 50     | 28     | 0.3       | 2.3     | 1.04  | 91.6      | 100.7845 | 84.3239 |
| 2009 | 6     | 27  | 10   | 5      | 28     | 0.3       | 2.3     | 1.02  | 92.4      | 100.7845 | 83.5415 |
| 2009 | 6     | 27  | 10   | 20     | 28     | 0.3       | 2.3     | 1.03  | 91.8      | 100.7845 | 84.0631 |
| 2009 | 6     | 27  | 10   | 35     | 28     | 0.3       | 2.3     | 1.05  | 90.4      | 100.6448 | 84.696  |
| 2009 | 6     | 27  | 10   | 50     | 28     | 0.3       | 2.3     | 1.06  | 91.8      | 100.7845 | 85.2367 |
| 2009 | 6     | 27  | 11   | 5      | 28     | 0.3       | 2.3     | 1.08  | 93.3      | 100.6448 | 85.6069 |
| 2009 | 6     | 27  | 11   | 20     | 28     | 0.3       | 2.3     | 1.01  | 91.7      | 100.6448 | 83.1345 |
| 2009 | 6     | 27  | 11   | 35     | 28     | 0.3       | 2.3     | 1.07  | 90.9      | 100.6448 | 85.4768 |
| 2009 | 6     | 27  | 11   | 50     | 28     | 0.3       | 2.3     | 1.08  | 93        | 100.7845 | 85.8888 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 27  | 12   | 5      | 28     | 0.3       | 2.3     | 1.01  | 93.2      | 100.6448 | 83.0044 |
| 2009 | 6     | 27  | 12   | 20     | 28     | 0.3       | 2.3     | 1.03  | 94        | 100.6448 | 83.7851 |
| 2009 | 6     | 27  | 12   | 35     | 28     | 0.3       | 2.3     | 1.02  | 91.5      | 100.6448 | 83.5249 |
| 2009 | 6     | 27  | 12   | 50     | 28     | 0.3       | 2.3     | 1.05  | 92.5      | 100.6448 | 84.4358 |
| 2009 | 6     | 27  | 13   | 5      | 28     | 0.3       | 2.3     | 1.04  | 92.9      | 100.6448 | 84.1755 |
| 2009 | 6     | 27  | 13   | 20     | 28     | 0.3       | 2.3     | 1.07  | 91.4      | 100.6448 | 85.4768 |
| 2009 | 6     | 27  | 13   | 35     | 28     | 0.3       | 2.3     | 1.1   | 92.6      | 100.6448 | 86.5178 |
| 2009 | 6     | 27  | 13   | 50     | 28     | 0.3       | 2.3     | 1.08  | 92.6      | 100.6448 | 85.6069 |
| 2009 | 6     | 27  | 14   | 5      | 28     | 0.3       | 2.3     | 1.12  | 90.3      | 100.6448 | 87.2985 |
| 2009 | 6     | 27  | 14   | 20     | 28     | 0.3       | 2.3     | 1.01  | 91.7      | 100.6448 | 83.0044 |
| 2009 | 6     | 27  | 14   | 35     | 28     | 0.3       | 2.3     | 1.03  | 90.4      | 100.6448 | 83.9153 |
| 2009 | 6     | 27  | 14   | 50     | 28     | 0.3       | 2.3     | 1.01  | 93.3      | 100.6448 | 83.0044 |
| 2009 | 6     | 27  | 15   | 5      | 28     | 0.3       | 2.3     | 1.07  | 90.9      | 100.6448 | 85.4768 |
| 2009 | 6     | 27  | 15   | 20     | 28     | 0.3       | 2.3     | 1.11  | 90.3      | 100.5052 | 86.754  |
| 2009 | 6     | 27  | 15   | 35     | 28     | 0.3       | 2.3     | 1.06  | 91.1      | 100.5052 | 84.8064 |
| 2009 | 6     | 27  | 15   | 50     | 28     | 0.3       | 2.3     | 1.08  | 91.2      | 100.6448 | 85.6069 |
| 2009 | 6     | 27  | 16   | 5      | 28     | 0.3       | 2.3     | 1.09  | 93.6      | 100.5052 | 86.1048 |
| 2009 | 6     | 27  | 16   | 20     | 28     | 0.3       | 2.3     | 1.08  | 91.6      | 100.5052 | 85.7153 |
| 2009 | 6     | 27  | 16   | 35     | 28     | 0.3       | 2.3     | 1.06  | 92        | 100.5052 | 84.8064 |
| 2009 | 6     | 27  | 16   | 50     | 28     | 0.3       | 2.3     | 1.04  | 91.3      | 100.5052 | 84.0273 |
| 2009 | 6     | 27  | 17   | 5      | 28     | 0.3       | 2.3     | 1.14  | 90.7      | 100.5052 | 88.0525 |
| 2009 | 6     | 27  | 17   | 20     | 28     | 0.3       | 2.3     | 1.05  | 92.5      | 100.5052 | 84.287  |
| 2009 | 6     | 27  | 17   | 35     | 28     | 0.3       | 2.3     | 1.08  | 93.3      | 100.5052 | 85.4556 |
| 2009 | 6     | 27  | 17   | 50     | 28     | 0.3       | 2.3     | 1.06  | 91.1      | 100.5052 | 84.9362 |
| 2009 | 6     | 27  | 18   | 5      | 28     | 0.3       | 2.3     | 1.08  | 90.7      | 100.5052 | 85.7153 |
| 2009 | 6     | 27  | 18   | 20     | 28     | 0.3       | 2.3     | 1.12  | 90.3      | 100.3656 | 87.1183 |
| 2009 | 6     | 27  | 18   | 35     | 28     | 0.3       | 2.3     | 1.1   | 90.3      | 100.3656 | 86.0818 |
| 2009 | 6     | 27  | 18   | 50     | 28     | 0.3       | 2.3     | 1.04  | 92        | 100.5052 | 84.1571 |
| 2009 | 6     | 27  | 19   | 5      | 28     | 0.3       | 2.3     | 1.03  | 91.8      | 100.5052 | 83.7676 |
| 2009 | 6     | 27  | 19   | 20     | 28     | 0.3       | 2.3     | 1.07  | 92.3      | 100.5052 | 85.1959 |
| 2009 | 6     | 27  | 19   | 35     | 28     | 0.3       | 2.3     | 1.02  | 92.8      | 100.5052 | 83.2482 |
| 2009 | 6     | 27  | 19   | 50     | 28     | 0.3       | 2.3     | 1.03  | 92.9      | 100.5052 | 83.7676 |
| 2009 | 6     | 27  | 20   | 5      | 28     | 0.3       | 2.3     | 1.08  | 93        | 100.5052 | 85.5854 |
| 2009 | 6     | 27  | 20   | 20     | 28     | 0.3       | 2.3     | 1.12  | 93.9      | 100.5052 | 87.1436 |
| 2009 | 6     | 27  | 20   | 35     | 28     | 0.3       | 2.3     | 1.11  | 90        | 100.5052 | 86.6242 |
| 2009 | 6     | 27  | 20   | 50     | 28     | 0.3       | 2.3     | 1.09  | 90.5      | 100.5052 | 86.1048 |
| 2009 | 6     | 27  | 21   | 5      | 28     | 0.3       | 2.3     | 1.07  | 91.2      | 100.5052 | 85.066  |
| 2009 | 6     | 27  | 21   | 20     | 28     | 0.3       | 2.3     | 1.08  | 91.9      | 100.6448 | 85.6069 |
| 2009 | 6     | 27  | 21   | 35     | 28     | 0.3       | 2.3     | 1.06  | 92.3      | 100.6448 | 84.9563 |
| 2009 | 6     | 27  | 21   | 50     | 28     | 0.3       | 2.3     | 1.07  | 92.8      | 100.6448 | 85.3466 |
| 2009 | 6     | 27  | 22   | 5      | 28     | 0.3       | 2.3     | 1.04  | 91.6      | 100.6448 | 84.0454 |
| 2009 | 6     | 27  | 22   | 20     | 28     | 0.3       | 2.3     | 1.12  | 92.5      | 100.6448 | 87.4286 |
| 2009 | 6     | 27  | 22   | 35     | 28     | 0.3       | 2.3     | 1.06  | 92.1      | 100.6448 | 84.8261 |
| 2009 | 6     | 27  | 22   | 50     | 28     | 0.3       | 2.3     | 1.05  | 92.3      | 100.6448 | 84.4358 |
| 2009 | 6     | 27  | 23   | 5      | 28     | 0.3       | 2.3     | 1.04  | 92        | 100.6448 | 84.3056 |
| 2009 | 6     | 27  | 23   | 20     | 28     | 0.3       | 2.3     | 1.1   | 90.7      | 100.6448 | 86.5178 |
| 2009 | 6     | 27  | 23   | 35     | 28     | 0.3       | 2.3     | 1.04  | 92.2      | 100.7845 | 84.3239 |
| 2009 | 6     | 27  | 23   | 50     | 28     | 0.3       | 2.3     | 1.08  | 92.4      | 100.6448 | 85.8671 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 28  | 0    | 5      | 28     | 0.3       | 2.3     | 1.05  | 89.5      | 100.6448 | 84.4358 |
| 2009 | 6     | 28  | 0    | 20     | 28     | 0.3       | 2.3     | 1.08  | 91.2      | 100.6448 | 85.6069 |
| 2009 | 6     | 28  | 0    | 35     | 28     | 0.3       | 2.3     | 1.07  | 92.5      | 100.6448 | 85.2165 |
| 2009 | 6     | 28  | 0    | 50     | 28     | 0.3       | 2.3     | 1.04  | 91.8      | 100.6448 | 84.1755 |
| 2009 | 6     | 28  | 1    | 5      | 28     | 0.3       | 2.3     | 1.08  | 90.5      | 100.6448 | 85.737  |
| 2009 | 6     | 28  | 1    | 20     | 28     | 0.3       | 2.3     | 1.08  | 93        | 100.6448 | 85.6069 |
| 2009 | 6     | 28  | 1    | 35     | 28     | 0.3       | 2.3     | 1.05  | 90.7      | 100.6448 | 84.5659 |
| 2009 | 6     | 28  | 1    | 50     | 28     | 0.3       | 2.3     | 1.04  | 92.9      | 100.6448 | 84.0454 |
| 2009 | 6     | 28  | 2    | 5      | 28     | 0.3       | 2.3     | 1.02  | 90.9      | 100.7845 | 83.6719 |
| 2009 | 6     | 28  | 2    | 20     | 28     | 0.3       | 2.3     | 1.08  | 92.4      | 100.7845 | 85.7583 |
| 2009 | 6     | 28  | 2    | 35     | 28     | 0.3       | 2.3     | 1.06  | 93.9      | 100.7845 | 84.9759 |
| 2009 | 6     | 28  | 2    | 50     | 28     | 0.3       | 2.3     | 1.07  | 92.3      | 100.7845 | 85.4975 |
| 2009 | 6     | 28  | 3    | 5      | 28     | 0.3       | 2.3     | 1.04  | 94.1      | 100.6448 | 84.1755 |
| 2009 | 6     | 28  | 3    | 20     | 28     | 0.3       | 2.3     | 1.02  | 94.4      | 100.6448 | 83.3948 |
| 2009 | 6     | 28  | 3    | 35     | 28     | 0.3       | 2.3     | 1.04  | 93.3      | 100.6448 | 84.0454 |
| 2009 | 6     | 28  | 3    | 50     | 28     | 0.3       | 2.3     | 1.05  | 93.9      | 100.6448 | 84.5659 |
| 2009 | 6     | 28  | 4    | 5      | 28     | 0.3       | 2.3     | 1.1   | 92.2      | 100.7845 | 86.5408 |
| 2009 | 6     | 28  | 4    | 20     | 28     | 0.3       | 2.3     | 1.02  | 91.8      | 100.7845 | 83.6719 |
| 2009 | 6     | 28  | 4    | 35     | 28     | 0.3       | 2.3     | 1.07  | 91.8      | 100.7845 | 85.3671 |
| 2009 | 6     | 28  | 4    | 50     | 28     | 0.3       | 2.3     | 1.07  | 92.6      | 100.7845 | 85.4975 |
| 2009 | 6     | 28  | 5    | 5      | 28     | 0.3       | 2.3     | 1.03  | 92.9      | 100.6448 | 83.9153 |
| 2009 | 6     | 28  | 5    | 20     | 28     | 0.3       | 2.3     | 1.06  | 92.1      | 100.7845 | 85.2367 |
| 2009 | 6     | 28  | 5    | 35     | 28     | 0.3       | 2.3     | 1.1   | 91.7      | 100.6448 | 86.6479 |
| 2009 | 6     | 28  | 5    | 50     | 28     | 0.3       | 2.3     | 1.08  | 90.7      | 100.6448 | 85.8671 |
| 2009 | 6     | 28  | 6    | 5      | 28     | 0.3       | 2.3     | 1.1   | 91.5      | 100.7845 | 86.8016 |
| 2009 | 6     | 28  | 6    | 20     | 28     | 0.3       | 2.3     | 1.09  | 92.1      | 100.7845 | 86.28   |
| 2009 | 6     | 28  | 6    | 35     | 28     | 0.3       | 2.3     | 1.12  | 91.9      | 100.6448 | 87.1684 |
| 2009 | 6     | 28  | 6    | 50     | 28     | 0.3       | 2.3     | 1.09  | 90.7      | 100.6448 | 85.9973 |
| 2009 | 6     | 28  | 7    | 5      | 28     | 0.3       | 2.3     | 1.06  | 91.8      | 100.7845 | 85.2367 |
| 2009 | 6     | 28  | 7    | 20     | 28     | 0.3       | 2.3     | 1.07  | 91.6      | 100.7845 | 85.3671 |
| 2009 | 6     | 28  | 7    | 35     | 28     | 0.3       | 2.3     | 1.11  | 92.4      | 100.6448 | 86.9081 |
| 2009 | 6     | 28  | 7    | 50     | 28     | 0.3       | 2.3     | 1.1   | 91.2      | 100.7845 | 86.5408 |
| 2009 | 6     | 28  | 8    | 5      | 28     | 0.3       | 2.3     | 1.08  | 92.1      | 100.7845 | 85.8888 |
| 2009 | 6     | 28  | 8    | 20     | 28     | 0.3       | 2.3     | 1.07  | 93.2      | 100.7845 | 85.3671 |
| 2009 | 6     | 28  | 8    | 35     | 28     | 0.3       | 2.3     | 1.06  | 92.5      | 100.7845 | 85.2367 |
| 2009 | 6     | 28  | 8    | 50     | 28     | 0.3       | 2.3     | 1.07  | 90.7      | 100.7845 | 85.3671 |
| 2009 | 6     | 28  | 9    | 5      | 28     | 0.3       | 2.3     | 1.05  | 92.7      | 100.7845 | 84.8455 |
| 2009 | 6     | 28  | 9    | 20     | 28     | 0.3       | 2.3     | 1.12  | 93        | 100.7845 | 87.584  |
| 2009 | 6     | 28  | 9    | 35     | 28     | 0.3       | 2.3     | 1.01  | 92.8      | 100.7845 | 83.2806 |
| 2009 | 6     | 28  | 9    | 50     | 28     | 0.3       | 2.3     | 1.05  | 92.1      | 100.7845 | 84.8455 |
| 2009 | 6     | 28  | 10   | 5      | 28     | 0.3       | 2.3     | 1.02  | 92.4      | 100.7845 | 83.6719 |
| 2009 | 6     | 28  | 10   | 20     | 28     | 0.3       | 2.3     | 1.06  | 91.1      | 100.7845 | 84.9759 |
| 2009 | 6     | 28  | 10   | 35     | 28     | 0.3       | 2.3     | 1.07  | 91.8      | 100.6448 | 85.3466 |
| 2009 | 6     | 28  | 10   | 50     | 28     | 0.3       | 2.3     | 1.08  | 91.6      | 100.7845 | 85.8888 |
| 2009 | 6     | 28  | 11   | 5      | 28     | 0.3       | 2.3     | 1.1   | 91        | 100.6448 | 86.6479 |
| 2009 | 6     | 28  | 11   | 20     | 28     | 0.3       | 2.3     | 1.03  | 93.6      | 100.7845 | 83.9327 |
| 2009 | 6     | 28  | 11   | 35     | 28     | 0.3       | 2.3     | 1.04  | 92.7      | 100.7845 | 84.1935 |
| 2009 | 6     | 28  | 11   | 50     | 28     | 0.3       | 2.3     | 1.04  | 92.9      | 100.7845 | 84.3239 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 28  | 12   | 5      | 28     | 0.3       | 2.3     | 1.12  | 91.7      | 100.6448 | 87.2985 |
| 2009 | 6     | 28  | 12   | 20     | 28     | 0.3       | 2.3     | 1.08  | 93.3      | 100.7845 | 85.8888 |
| 2009 | 6     | 28  | 12   | 35     | 28     | 0.3       | 2.3     | 1.06  | 89.8      | 100.7845 | 84.9759 |
| 2009 | 6     | 28  | 12   | 50     | 28     | 0.3       | 2.3     | 1.04  | 92.3      | 100.7845 | 84.3239 |
| 2009 | 6     | 28  | 13   | 5      | 28     | 0.3       | 2.3     | 1.09  | 91.9      | 100.7845 | 86.1496 |
| 2009 | 6     | 28  | 13   | 20     | 28     | 0.3       | 2.3     | 1.07  | 91.9      | 100.7845 | 85.4975 |
| 2009 | 6     | 28  | 13   | 35     | 28     | 0.3       | 2.3     | 1.03  | 93.8      | 100.7845 | 83.8023 |
| 2009 | 6     | 28  | 13   | 50     | 28     | 0.3       | 2.3     | 1.06  | 90.4      | 100.7845 | 84.9759 |
| 2009 | 6     | 28  | 14   | 5      | 28     | 0.3       | 2.3     | 1.01  | 93.5      | 100.7845 | 83.1502 |
| 2009 | 6     | 28  | 14   | 20     | 28     | 0.3       | 2.3     | 1.06  | 93        | 100.7845 | 84.9759 |
| 2009 | 6     | 28  | 14   | 35     | 28     | 0.3       | 2.3     | 1.04  | 90.7      | 100.7845 | 84.1935 |
| 2009 | 6     | 28  | 14   | 50     | 28     | 0.3       | 2.3     | 1.05  | 91.6      | 100.7845 | 84.7151 |
| 2009 | 6     | 28  | 15   | 5      | 28     | 0.3       | 2.3     | 1.07  | 91.1      | 100.7845 | 85.4975 |
| 2009 | 6     | 28  | 15   | 20     | 28     | 0.3       | 2.3     | 1.05  | 93.4      | 100.9242 | 84.6031 |
| 2009 | 6     | 28  | 15   | 35     | 28     | 0.3       | 2.3     | 1.06  | 92.5      | 100.9242 | 85.1258 |
| 2009 | 6     | 28  | 15   | 50     | 28     | 0.3       | 2.3     | 1.07  | 92.8      | 100.7845 | 85.4975 |
| 2009 | 6     | 28  | 16   | 5      | 28     | 0.3       | 2.3     | 1.03  | 91.8      | 100.9242 | 83.9497 |
| 2009 | 6     | 28  | 16   | 20     | 28     | 0.3       | 2.3     | 1.06  | 92        | 100.7845 | 85.1063 |
| 2009 | 6     | 28  | 16   | 35     | 28     | 0.3       | 2.3     | 1.06  | 92.8      | 100.7845 | 85.1063 |
| 2009 | 6     | 28  | 16   | 50     | 28     | 0.3       | 2.3     | 1.09  | 92.9      | 100.7845 | 86.1496 |
| 2009 | 6     | 28  | 17   | 5      | 28     | 0.3       | 2.3     | 1.06  | 93.2      | 100.7845 | 85.1063 |
| 2009 | 6     | 28  | 17   | 20     | 28     | 0.3       | 2.3     | 1.08  | 91.9      | 100.9242 | 86.1713 |
| 2009 | 6     | 28  | 17   | 35     | 28     | 0.3       | 2.3     | 1.06  | 91.2      | 100.9242 | 85.3872 |
| 2009 | 6     | 28  | 17   | 50     | 28     | 0.3       | 2.3     | 1.08  | 92.4      | 100.7845 | 86.0192 |
| 2009 | 6     | 28  | 18   | 5      | 28     | 0.3       | 2.3     | 1.11  | 90.2      | 100.7845 | 87.0624 |
| 2009 | 6     | 28  | 18   | 20     | 28     | 0.3       | 2.3     | 1.07  | 92.3      | 100.7845 | 85.6279 |
| 2009 | 6     | 28  | 18   | 35     | 28     | 0.3       | 2.3     | 1.1   | 91.2      | 100.9242 | 86.9554 |
| 2009 | 6     | 28  | 18   | 50     | 28     | 0.3       | 2.3     | 1.08  | 92.3      | 100.9242 | 86.1713 |
| 2009 | 6     | 28  | 19   | 5      | 28     | 0.3       | 2.3     | 1.08  | 90.5      | 100.9242 | 86.1713 |
| 2009 | 6     | 28  | 19   | 20     | 28     | 0.3       | 2.3     | 1.05  | 91.6      | 100.9242 | 84.7338 |
| 2009 | 6     | 28  | 19   | 35     | 28     | 0.3       | 2.3     | 1.05  | 90.7      | 100.9242 | 84.7338 |
| 2009 | 6     | 28  | 19   | 50     | 28     | 0.3       | 2.3     | 1.07  | 90.9      | 100.9242 | 85.7793 |
| 2009 | 6     | 28  | 20   | 5      | 28     | 0.3       | 2.3     | 1.13  | 91.5      | 100.9242 | 88.0009 |
| 2009 | 6     | 28  | 20   | 20     | 28     | 0.3       | 2.3     | 1.05  | 92.7      | 100.9242 | 84.9952 |
| 2009 | 6     | 28  | 20   | 35     | 28     | 0.3       | 2.3     | 1.11  | 90.3      | 100.9242 | 87.3475 |
| 2009 | 6     | 28  | 20   | 50     | 28     | 0.3       | 2.3     | 1.08  | 92.6      | 100.9242 | 86.0406 |
| 2009 | 6     | 28  | 21   | 5      | 28     | 0.3       | 2.3     | 1.08  | 92.8      | 100.9242 | 86.1713 |
| 2009 | 6     | 28  | 21   | 20     | 28     | 0.3       | 2.3     | 1.06  | 93.4      | 100.9242 | 85.1258 |
| 2009 | 6     | 28  | 21   | 35     | 28     | 0.3       | 2.3     | 1.02  | 92.9      | 101.0641 | 83.9663 |
| 2009 | 6     | 28  | 21   | 50     | 28     | 0.3       | 2.3     | 1.05  | 92.7      | 101.0641 | 85.145  |
| 2009 | 6     | 28  | 22   | 5      | 28     | 0.3       | 2.3     | 1.04  | 91.4      | 101.0641 | 84.7521 |
| 2009 | 6     | 28  | 22   | 20     | 28     | 0.3       | 2.3     | 1.08  | 90.7      | 101.0641 | 86.1927 |
| 2009 | 6     | 28  | 22   | 35     | 28     | 0.3       | 2.3     | 1.09  | 91.7      | 101.0641 | 86.4546 |
| 2009 | 6     | 28  | 22   | 50     | 28     | 0.3       | 2.3     | 1.09  | 91.4      | 101.0641 | 86.7166 |
| 2009 | 6     | 28  | 23   | 5      | 28     | 0.3       | 2.3     | 1.08  | 90.5      | 101.0641 | 86.3237 |
| 2009 | 6     | 28  | 23   | 20     | 28     | 0.3       | 2.3     | 1.12  | 93.2      | 100.9242 | 87.4782 |
| 2009 | 6     | 28  | 23   | 35     | 28     | 0.3       | 2.3     | 1.08  | 91.2      | 101.0641 | 86.1927 |
| 2009 | 6     | 28  | 23   | 50     | 28     | 0.3       | 2.3     | 1.09  | 92.4      | 101.0641 | 86.4546 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 29  | 0    | 5      | 28     | 0.3       | 2.3     | 1.11  | 91.2      | 101.0641 | 87.5024 |
| 2009 | 6     | 29  | 0    | 20     | 28     | 0.3       | 2.3     | 1.12  | 91.8      | 101.0641 | 87.7643 |
| 2009 | 6     | 29  | 0    | 35     | 28     | 0.3       | 2.3     | 1.01  | 92.2      | 101.0641 | 83.5734 |
| 2009 | 6     | 29  | 0    | 50     | 28     | 0.3       | 2.3     | 1.08  | 90.2      | 101.0641 | 86.3237 |
| 2009 | 6     | 29  | 1    | 5      | 28     | 0.3       | 2.3     | 1.04  | 92        | 101.0641 | 84.7521 |
| 2009 | 6     | 29  | 1    | 20     | 28     | 0.3       | 2.3     | 1.08  | 91.9      | 101.0641 | 86.0617 |
| 2009 | 6     | 29  | 1    | 35     | 28     | 0.3       | 2.3     | 1.07  | 90.7      | 101.0641 | 85.7998 |
| 2009 | 6     | 29  | 1    | 50     | 28     | 0.3       | 2.3     | 1.08  | 91.9      | 101.0641 | 86.3237 |
| 2009 | 6     | 29  | 2    | 5      | 28     | 0.3       | 2.3     | 1.07  | 90        | 101.0641 | 85.6688 |
| 2009 | 6     | 29  | 2    | 20     | 28     | 0.3       | 2.3     | 1.07  | 89.6      | 101.0641 | 85.9308 |
| 2009 | 6     | 29  | 2    | 35     | 28     | 0.3       | 2.3     | 1.06  | 91.2      | 101.0641 | 85.2759 |
| 2009 | 6     | 29  | 2    | 50     | 28     | 0.3       | 2.3     | 1.08  | 91.2      | 101.0641 | 86.3237 |
| 2009 | 6     | 29  | 3    | 5      | 28     | 0.3       | 2.3     | 1.09  | 90.9      | 101.0641 | 86.5856 |
| 2009 | 6     | 29  | 3    | 20     | 28     | 0.3       | 2.3     | 1.1   | 91        | 101.0641 | 86.8475 |
| 2009 | 6     | 29  | 3    | 35     | 28     | 0.3       | 2.3     | 1.1   | 91.4      | 101.0641 | 86.8475 |
| 2009 | 6     | 29  | 3    | 50     | 28     | 0.3       | 2.3     | 1.08  | 91        | 101.0641 | 86.0617 |
| 2009 | 6     | 29  | 4    | 5      | 28     | 0.3       | 2.3     | 1.06  | 91.8      | 101.0641 | 85.5379 |
| 2009 | 6     | 29  | 4    | 20     | 28     | 0.3       | 2.3     | 1.06  | 90.2      | 101.204  | 85.6887 |
| 2009 | 6     | 29  | 4    | 35     | 28     | 0.3       | 2.3     | 1.02  | 90.9      | 101.204  | 83.8512 |
| 2009 | 6     | 29  | 4    | 50     | 28     | 0.3       | 2.3     | 1.09  | 90.7      | 101.204  | 86.6074 |
| 2009 | 6     | 29  | 5    | 5      | 28     | 0.3       | 2.3     | 1.09  | 91.6      | 101.0641 | 86.4546 |
| 2009 | 6     | 29  | 5    | 20     | 28     | 0.3       | 2.3     | 1.05  | 90.2      | 101.204  | 85.2949 |
| 2009 | 6     | 29  | 5    | 35     | 28     | 0.3       | 2.3     | 1.09  | 91.2      | 101.344  | 86.8918 |
| 2009 | 6     | 29  | 5    | 50     | 28     | 0.3       | 2.3     | 1.09  | 92.2      | 101.344  | 86.7603 |
| 2009 | 6     | 29  | 6    | 5      | 28     | 0.3       | 2.3     | 1.07  | 90        | 101.344  | 86.1027 |
| 2009 | 6     | 29  | 6    | 20     | 28     | 0.3       | 2.3     | 1.06  | 91.4      | 101.484  | 85.727  |
| 2009 | 6     | 29  | 6    | 35     | 28     | 0.3       | 2.3     | 1.08  | 90.9      | 101.6241 | 86.6703 |
| 2009 | 6     | 29  | 6    | 50     | 28     | 0.3       | 2.3     | 1.1   | 92.1      | 101.6241 | 87.595  |
| 2009 | 6     | 29  | 7    | 5      | 28     | 0.3       | 2.3     | 1.06  | 92.5      | 101.7643 | 86.0285 |
| 2009 | 6     | 29  | 7    | 20     | 28     | 0.3       | 2.3     | 1.08  | 93.5      | 101.7643 | 86.8228 |
| 2009 | 6     | 29  | 7    | 35     | 28     | 0.3       | 2.3     | 1.02  | 90.4      | 101.9046 | 84.853  |
| 2009 | 6     | 29  | 7    | 50     | 28     | 0.3       | 2.3     | 1.11  | 92        | 101.7643 | 88.279  |
| 2009 | 6     | 29  | 8    | 5      | 28     | 0.3       | 2.3     | 1.08  | 90.7      | 101.9046 | 87.2408 |
| 2009 | 6     | 29  | 8    | 20     | 28     | 0.3       | 2.3     | 1.08  | 90.7      | 101.9046 | 86.9755 |
| 2009 | 6     | 29  | 8    | 35     | 28     | 0.3       | 2.3     | 1.07  | 90.7      | 101.9046 | 86.8428 |
| 2009 | 6     | 29  | 8    | 50     | 28     | 0.3       | 2.3     | 1.07  | 90.4      | 101.9046 | 86.5775 |
| 2009 | 6     | 29  | 9    | 5      | 28     | 0.3       | 2.3     | 1.05  | 91.1      | 101.7643 | 85.8962 |
| 2009 | 6     | 29  | 9    | 20     | 28     | 0.3       | 2.3     | 1.04  | 94        | 101.9046 | 85.3836 |
| 2009 | 6     | 29  | 9    | 35     | 28     | 0.3       | 2.3     | 1.03  | 90        | 101.7643 | 85.1019 |
| 2009 | 6     | 29  | 9    | 50     | 28     | 0.3       | 2.3     | 1.06  | 90.4      | 101.7643 | 86.1609 |
| 2009 | 6     | 29  | 10   | 5      | 28     | 0.3       | 2.3     | 1.03  | 88.7      | 101.7643 | 85.1019 |
| 2009 | 6     | 29  | 10   | 20     | 28     | 0.3       | 2.3     | 1.05  | 90        | 101.6241 | 85.6136 |
| 2009 | 6     | 29  | 10   | 35     | 28     | 0.3       | 2.3     | 1.07  | 89.3      | 101.7643 | 86.5581 |
| 2009 | 6     | 29  | 10   | 50     | 28     | 0.3       | 2.3     | 1.07  | 91.4      | 101.7643 | 86.6904 |
| 2009 | 6     | 29  | 11   | 5      | 28     | 0.3       | 2.3     | 1.05  | 92.5      | 101.7643 | 85.6314 |
| 2009 | 6     | 29  | 11   | 20     | 28     | 0.3       | 2.3     | 1.05  | 92.9      | 101.9046 | 86.0469 |
| 2009 | 6     | 29  | 11   | 35     | 28     | 0.3       | 2.3     | 1.03  | 95.7      | 101.9046 | 84.9856 |
| 2009 | 6     | 29  | 11   | 50     | 28     | 0.3       | 2.3     | 1.04  | 92.5      | 101.9046 | 85.6489 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 29  | 12   | 5      | 28     | 0.3       | 2.3     | 1.06  | 92.7      | 101.7643 | 86.1609 |
| 2009 | 6     | 29  | 12   | 20     | 28     | 0.3       | 2.3     | 1.11  | 91.7      | 101.6241 | 87.9912 |
| 2009 | 6     | 29  | 12   | 35     | 28     | 0.3       | 2.3     | 1.08  | 94.2      | 101.7643 | 86.9552 |
| 2009 | 6     | 29  | 12   | 50     | 28     | 0.3       | 2.3     | 1.08  | 90.2      | 101.484  | 86.6497 |
| 2009 | 6     | 29  | 13   | 5      | 28     | 0.3       | 2.3     | 1.1   | 91.5      | 101.344  | 87.1549 |
| 2009 | 6     | 29  | 13   | 20     | 28     | 0.3       | 2.3     | 1.08  | 90        | 101.344  | 86.3657 |
| 2009 | 6     | 29  | 13   | 35     | 28     | 0.3       | 2.3     | 1.05  | 89.8      | 101.204  | 85.0324 |
| 2009 | 6     | 29  | 13   | 50     | 28     | 0.3       | 2.3     | 1.08  | 89.3      | 101.204  | 86.4761 |
| 2009 | 6     | 29  | 14   | 5      | 28     | 0.3       | 2.3     | 1.07  | 90        | 101.204  | 85.8199 |
| 2009 | 6     | 29  | 14   | 20     | 28     | 0.3       | 2.3     | 1.1   | 91.4      | 101.204  | 87.2636 |
| 2009 | 6     | 29  | 14   | 35     | 28     | 0.3       | 2.3     | 1.09  | 91.4      | 101.204  | 86.8699 |
| 2009 | 6     | 29  | 14   | 50     | 28     | 0.3       | 2.3     | 1.12  | 90.3      | 101.204  | 88.0511 |
| 2009 | 6     | 29  | 15   | 5      | 28     | 0.3       | 2.3     | 1.09  | 88.8      | 101.204  | 86.7386 |
| 2009 | 6     | 29  | 15   | 20     | 28     | 0.3       | 2.3     | 1.11  | 91        | 101.344  | 87.681  |
| 2009 | 6     | 29  | 15   | 35     | 28     | 0.3       | 2.3     | 1.07  | 91.1      | 101.344  | 86.1027 |
| 2009 | 6     | 29  | 15   | 50     | 28     | 0.3       | 2.3     | 1.06  | 92.5      | 101.204  | 85.6887 |
| 2009 | 6     | 29  | 16   | 5      | 28     | 0.3       | 2.3     | 1.06  | 91.6      | 101.344  | 85.5765 |
| 2009 | 6     | 29  | 16   | 20     | 28     | 0.3       | 2.3     | 1.06  | 91.8      | 101.344  | 85.5765 |
| 2009 | 6     | 29  | 16   | 35     | 28     | 0.3       | 2.3     | 1.08  | 91.2      | 101.204  | 86.3449 |
| 2009 | 6     | 29  | 16   | 50     | 28     | 0.3       | 2.3     | 1.11  | 90.2      | 101.204  | 87.6574 |
| 2009 | 6     | 29  | 17   | 5      | 28     | 0.3       | 2.3     | 1.12  | 90.7      | 101.204  | 87.7886 |
| 2009 | 6     | 29  | 17   | 20     | 28     | 0.3       | 2.3     | 1.11  | 91.9      | 101.204  | 87.6574 |
| 2009 | 6     | 29  | 17   | 35     | 28     | 0.3       | 2.3     | 1.08  | 91.7      | 101.204  | 86.4761 |
| 2009 | 6     | 29  | 17   | 50     | 28     | 0.3       | 2.3     | 1.12  | 91.5      | 101.204  | 88.0511 |
| 2009 | 6     | 29  | 18   | 5      | 28     | 0.3       | 2.3     | 1.09  | 91.9      | 101.204  | 86.8699 |
| 2009 | 6     | 29  | 18   | 20     | 28     | 0.3       | 2.3     | 1.07  | 91.8      | 101.344  | 86.2342 |
| 2009 | 6     | 29  | 18   | 35     | 28     | 0.3       | 2.3     | 1.1   | 92.4      | 101.344  | 87.1549 |
| 2009 | 6     | 29  | 18   | 50     | 28     | 0.3       | 2.3     | 1.1   | 90.3      | 101.344  | 87.1549 |
| 2009 | 6     | 29  | 19   | 5      | 28     | 0.3       | 2.3     | 1.1   | 92.2      | 101.344  | 87.4179 |
| 2009 | 6     | 29  | 19   | 20     | 28     | 0.3       | 2.3     | 1.1   | 92.4      | 101.344  | 87.1549 |
| 2009 | 6     | 29  | 19   | 35     | 28     | 0.3       | 2.3     | 1.1   | 90.7      | 101.344  | 87.2864 |
| 2009 | 6     | 29  | 19   | 50     | 28     | 0.3       | 2.3     | 1.07  | 93        | 101.344  | 86.1027 |
| 2009 | 6     | 29  | 20   | 5      | 28     | 0.3       | 2.3     | 1.08  | 90.7      | 101.344  | 86.3657 |
| 2009 | 6     | 29  | 20   | 20     | 28     | 0.3       | 2.3     | 1.04  | 94.2      | 101.484  | 84.9362 |
| 2009 | 6     | 29  | 20   | 35     | 28     | 0.3       | 2.3     | 1.09  | 92.8      | 101.484  | 87.177  |
| 2009 | 6     | 29  | 20   | 50     | 28     | 0.3       | 2.3     | 1.07  | 94.6      | 101.484  | 86.1225 |
| 2009 | 6     | 29  | 21   | 5      | 28     | 0.3       | 2.3     | 1.03  | 93.5      | 101.484  | 84.4089 |
| 2009 | 6     | 29  | 21   | 20     | 28     | 0.3       | 2.3     | 1.06  | 92        | 101.6241 | 86.0098 |
| 2009 | 6     | 29  | 21   | 35     | 28     | 0.3       | 2.3     | 1.08  | 91.6      | 101.484  | 86.5179 |
| 2009 | 6     | 29  | 21   | 50     | 28     | 0.3       | 2.3     | 1.04  | 94        | 101.6241 | 85.2173 |
| 2009 | 6     | 29  | 22   | 5      | 28     | 0.3       | 2.3     | 1.03  | 93.5      | 101.6241 | 84.5568 |
| 2009 | 6     | 29  | 22   | 20     | 28     | 0.3       | 2.3     | 1.03  | 93.5      | 101.7643 | 84.9695 |
| 2009 | 6     | 29  | 22   | 35     | 28     | 0.3       | 2.3     | 1.05  | 92.1      | 101.7643 | 85.8962 |
| 2009 | 6     | 29  | 22   | 50     | 28     | 0.3       | 2.3     | 1.05  | 91.4      | 101.7643 | 85.7638 |
| 2009 | 6     | 29  | 23   | 5      | 28     | 0.3       | 2.3     | 1.02  | 91.3      | 101.7643 | 84.7048 |
| 2009 | 6     | 29  | 23   | 20     | 28     | 0.3       | 2.3     | 1.09  | 94.5      | 101.7643 | 87.2199 |
| 2009 | 6     | 29  | 23   | 35     | 28     | 0.3       | 2.3     | 1.07  | 91.6      | 101.6241 | 86.5382 |
| 2009 | 6     | 29  | 23   | 50     | 28     | 0.3       | 2.3     | 1.07  | 90.7      | 101.7643 | 86.6904 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 30  | 0    | 5      | 28     | 0.3       | 2.3     | 1.09  | 89.7      | 101.7643 | 87.2199 |
| 2009 | 6     | 30  | 0    | 20     | 28     | 0.3       | 2.3     | 1.08  | 90.3      | 101.9046 | 87.1082 |
| 2009 | 6     | 30  | 0    | 35     | 28     | 0.3       | 2.3     | 1.07  | 91.6      | 101.9046 | 86.5775 |
| 2009 | 6     | 30  | 0    | 50     | 28     | 0.3       | 2.3     | 1.07  | 91.1      | 101.9046 | 86.5775 |
| 2009 | 6     | 30  | 1    | 5      | 28     | 0.3       | 2.3     | 1.04  | 91.6      | 101.9046 | 85.5163 |
| 2009 | 6     | 30  | 1    | 20     | 28     | 0.3       | 2.3     | 1.1   | 89.3      | 101.7643 | 87.6171 |
| 2009 | 6     | 30  | 1    | 35     | 28     | 0.3       | 2.3     | 1.1   | 90.9      | 101.9046 | 87.7715 |
| 2009 | 6     | 30  | 1    | 50     | 28     | 0.3       | 2.3     | 1.1   | 90        | 101.9046 | 87.7715 |
| 2009 | 6     | 30  | 2    | 5      | 28     | 0.3       | 2.3     | 1.09  | 91.9      | 102.0449 | 87.5272 |
| 2009 | 6     | 30  | 2    | 20     | 28     | 0.3       | 2.3     | 1.12  | 91.9      | 102.0449 | 88.7236 |
| 2009 | 6     | 30  | 2    | 35     | 28     | 0.3       | 2.3     | 1.05  | 90.2      | 102.0449 | 86.1977 |
| 2009 | 6     | 30  | 2    | 50     | 28     | 0.3       | 2.3     | 1.08  | 91.9      | 102.0449 | 87.3942 |
| 2009 | 6     | 30  | 3    | 5      | 28     | 0.3       | 2.3     | 1.11  | 91.4      | 102.0449 | 88.4578 |
| 2009 | 6     | 30  | 3    | 20     | 28     | 0.3       | 2.3     | 1.08  | 90.5      | 102.0449 | 87.1283 |
| 2009 | 6     | 30  | 3    | 35     | 28     | 0.3       | 2.3     | 1.1   | 91.7      | 102.0449 | 88.0589 |
| 2009 | 6     | 30  | 3    | 50     | 28     | 0.3       | 2.3     | 1.08  | 91.9      | 102.1853 | 87.2813 |
| 2009 | 6     | 30  | 4    | 5      | 28     | 0.3       | 2.3     | 1.07  | 90        | 102.0449 | 86.8624 |
| 2009 | 6     | 30  | 4    | 20     | 28     | 0.3       | 2.3     | 1.1   | 92.1      | 102.1853 | 88.0806 |
| 2009 | 6     | 30  | 4    | 35     | 28     | 0.3       | 2.3     | 1.1   | 90.3      | 102.1853 | 88.0806 |
| 2009 | 6     | 30  | 4    | 50     | 28     | 0.3       | 2.3     | 1.06  | 91.2      | 102.1853 | 86.4819 |
| 2009 | 6     | 30  | 5    | 5      | 28     | 0.3       | 2.3     | 1.09  | 90.5      | 102.1853 | 87.681  |
| 2009 | 6     | 30  | 5    | 20     | 28     | 0.3       | 2.3     | 1.07  | 90.4      | 102.1853 | 87.1481 |
| 2009 | 6     | 30  | 5    | 35     | 28     | 0.3       | 2.3     | 1.09  | 90.7      | 102.1853 | 87.681  |
| 2009 | 6     | 30  | 5    | 50     | 28     | 0.3       | 2.3     | 1.1   | 91.4      | 102.1853 | 88.0806 |
| 2009 | 6     | 30  | 6    | 5      | 28     | 0.3       | 2.3     | 1.08  | 91.2      | 102.1853 | 87.5477 |
| 2009 | 6     | 30  | 6    | 20     | 28     | 0.3       | 2.3     | 1.1   | 91.5      | 102.1853 | 88.0806 |
| 2009 | 6     | 30  | 6    | 35     | 28     | 0.3       | 2.3     | 1.08  | 90.7      | 102.1853 | 87.4145 |
| 2009 | 6     | 30  | 6    | 50     | 28     | 0.3       | 2.3     | 1.08  | 91.6      | 102.1853 | 87.5477 |
| 2009 | 6     | 30  | 7    | 5      | 28     | 0.3       | 2.3     | 1.11  | 91        | 102.1853 | 88.4803 |
| 2009 | 6     | 30  | 7    | 20     | 28     | 0.3       | 2.3     | 1.1   | 92.9      | 102.1853 | 88.2139 |
| 2009 | 6     | 30  | 7    | 35     | 28     | 0.3       | 2.3     | 1.08  | 92.8      | 102.3257 | 87.5679 |
| 2009 | 6     | 30  | 7    | 50     | 28     | 0.3       | 2.3     | 1.13  | 91.8      | 102.1853 | 89.4129 |
| 2009 | 6     | 30  | 8    | 5      | 28     | 0.3       | 2.3     | 1.13  | 91        | 102.3257 | 89.7041 |
| 2009 | 6     | 30  | 8    | 20     | 28     | 0.3       | 2.3     | 1.13  | 91.5      | 102.3257 | 89.5706 |
| 2009 | 6     | 30  | 8    | 35     | 28     | 0.3       | 2.3     | 1.07  | 91.6      | 102.3257 | 87.1674 |
| 2009 | 6     | 30  | 8    | 50     | 28     | 0.3       | 2.3     | 1.1   | 92.2      | 102.3257 | 88.369  |
| 2009 | 6     | 30  | 9    | 5      | 28     | 0.3       | 2.3     | 1.11  | 90.7      | 102.3257 | 88.7695 |
| 2009 | 6     | 30  | 9    | 20     | 28     | 0.3       | 2.3     | 1.06  | 91.4      | 102.3257 | 86.6333 |
| 2009 | 6     | 30  | 9    | 35     | 28     | 0.3       | 2.3     | 1.09  | 91.6      | 102.3257 | 87.8349 |
| 2009 | 6     | 30  | 9    | 50     | 28     | 0.3       | 2.3     | 1.09  | 92.4      | 102.3257 | 88.1019 |
| 2009 | 6     | 30  | 10   | 5      | 28     | 0.3       | 2.3     | 1.13  | 91.2      | 102.3257 | 89.7041 |
| 2009 | 6     | 30  | 10   | 20     | 28     | 0.3       | 2.3     | 1.09  | 90.7      | 102.3257 | 87.8349 |
| 2009 | 6     | 30  | 10   | 35     | 28     | 0.3       | 2.3     | 1.05  | 90.7      | 102.3257 | 86.4998 |
| 2009 | 6     | 30  | 10   | 50     | 28     | 0.3       | 2.3     | 1.08  | 92.1      | 102.3257 | 87.7014 |
| 2009 | 6     | 30  | 11   | 5      | 28     | 0.3       | 2.3     | 1.1   | 91.5      | 102.3257 | 88.369  |
| 2009 | 6     | 30  | 11   | 20     | 28     | 0.3       | 2.3     | 1.05  | 91.1      | 102.4663 | 86.3835 |
| 2009 | 6     | 30  | 11   | 35     | 28     | 0.3       | 2.3     | 1.08  | 90.9      | 102.4663 | 87.7215 |
| 2009 | 6     | 30  | 11   | 50     | 28     | 0.3       | 2.3     | 1.07  | 90.9      | 102.4663 | 87.1863 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 30  | 12   | 5      | 28     | 0.3       | 2.3     | 1.07  | 91.8      | 102.4663 | 87.1863 |
| 2009 | 6     | 30  | 12   | 20     | 28     | 0.3       | 2.3     | 1.11  | 91.2      | 102.4663 | 88.9256 |
| 2009 | 6     | 30  | 12   | 35     | 28     | 0.3       | 2.3     | 1.12  | 92.4      | 102.4663 | 89.327  |
| 2009 | 6     | 30  | 12   | 50     | 28     | 0.3       | 2.3     | 1.12  | 91.5      | 102.6069 | 89.4842 |
| 2009 | 6     | 30  | 13   | 5      | 28     | 0.3       | 2.3     | 1.07  | 91.4      | 102.6069 | 87.3389 |
| 2009 | 6     | 30  | 13   | 20     | 28     | 0.3       | 2.3     | 1.1   | 91        | 102.6069 | 88.8138 |
| 2009 | 6     | 30  | 13   | 35     | 28     | 0.3       | 2.3     | 1.07  | 90.7      | 102.7476 | 87.6259 |
| 2009 | 6     | 30  | 13   | 50     | 28     | 0.3       | 2.3     | 1.12  | 90.8      | 102.6069 | 89.4842 |
| 2009 | 6     | 30  | 14   | 5      | 28     | 0.3       | 2.3     | 1.1   | 90.7      | 102.7476 | 88.9696 |
| 2009 | 6     | 30  | 14   | 20     | 28     | 0.3       | 2.3     | 1.07  | 90.9      | 102.7476 | 87.6259 |
| 2009 | 6     | 30  | 14   | 35     | 28     | 0.3       | 2.3     | 1.1   | 89.8      | 102.7476 | 88.8352 |
| 2009 | 6     | 30  | 14   | 50     | 28     | 0.3       | 2.3     | 1.1   | 90        | 102.8883 | 88.8563 |
| 2009 | 6     | 30  | 15   | 5      | 28     | 0.3       | 2.3     | 1.13  | 89.5      | 102.8883 | 90.3375 |
| 2009 | 6     | 30  | 15   | 20     | 28     | 0.3       | 2.3     | 1.07  | 91.1      | 102.8883 | 87.9138 |
| 2009 | 6     | 30  | 15   | 35     | 28     | 0.3       | 2.3     | 1.08  | 89.3      | 102.8883 | 88.3177 |
| 2009 | 6     | 30  | 15   | 50     | 28     | 0.3       | 2.3     | 1.08  | 90.9      | 102.8883 | 88.1831 |
| 2009 | 6     | 30  | 16   | 5      | 28     | 0.3       | 2.3     | 1.03  | 91.5      | 103.0291 | 86.4481 |
| 2009 | 6     | 30  | 16   | 20     | 28     | 0.3       | 2.3     | 1.06  | 90        | 103.0291 | 87.6626 |
| 2009 | 6     | 30  | 16   | 35     | 28     | 0.3       | 2.3     | 1.1   | 92.4      | 103.0291 | 89.0119 |
| 2009 | 6     | 30  | 16   | 50     | 28     | 0.3       | 2.3     | 1.15  | 90.8      | 103.17   | 91.4665 |
| 2009 | 6     | 30  | 17   | 5      | 28     | 0.3       | 2.3     | 1.07  | 91.1      | 103.17   | 87.9506 |
| 2009 | 6     | 30  | 17   | 20     | 28     | 0.3       | 2.3     | 1.06  | 91.1      | 103.311  | 87.9685 |
| 2009 | 6     | 30  | 17   | 35     | 28     | 0.3       | 2.3     | 1.06  | 90.2      | 103.7343 | 88.4285 |
| 2009 | 6     | 30  | 17   | 50     | 28     | 0.3       | 2.3     | 1.04  | 92.5      | 103.7343 | 87.6102 |
| 2009 | 6     | 30  | 18   | 5      | 28     | 0.3       | 2.3     | 1.1   | 91.5      | 103.8755 | 90.0854 |
| 2009 | 6     | 30  | 18   | 20     | 28     | 0.3       | 2.3     | 1.11  | 90.2      | 104.0168 | 90.6532 |
| 2009 | 6     | 30  | 18   | 35     | 28     | 0.3       | 2.3     | 1.08  | 90        | 104.0168 | 89.2837 |
| 2009 | 6     | 30  | 18   | 50     | 28     | 0.3       | 2.3     | 1.07  | 91.6      | 104.1582 | 89.3016 |
| 2009 | 6     | 30  | 19   | 5      | 28     | 0.3       | 2.3     | 1.04  | 91.6      | 104.2997 | 88.0813 |
| 2009 | 6     | 30  | 19   | 20     | 28     | 0.3       | 2.3     | 1.08  | 91.6      | 104.1582 | 89.5761 |
| 2009 | 6     | 30  | 19   | 35     | 28     | 0.3       | 2.3     | 1.02  | 91.3      | 104.2997 | 87.2561 |
| 2009 | 6     | 30  | 19   | 50     | 28     | 0.3       | 2.3     | 1.04  | 92.7      | 104.2997 | 88.2188 |
| 2009 | 6     | 30  | 20   | 5      | 28     | 0.3       | 2.3     | 1.06  | 92.5      | 104.4412 | 89.0604 |
| 2009 | 6     | 30  | 20   | 20     | 28     | 0.3       | 2.3     | 1.05  | 90.4      | 104.5828 | 88.662  |
| 2009 | 6     | 30  | 20   | 35     | 28     | 0.3       | 2.3     | 1.09  | 91.7      | 104.4412 | 90.4385 |
| 2009 | 6     | 30  | 20   | 50     | 28     | 0.3       | 2.3     | 1.08  | 90.9      | 104.5828 | 89.905  |
| 2009 | 6     | 30  | 21   | 5      | 28     | 0.3       | 2.3     | 1.09  | 89.3      | 104.7245 | 90.7527 |
| 2009 | 6     | 30  | 21   | 20     | 28     | 0.3       | 2.3     | 1.07  | 92.3      | 104.7245 | 89.6455 |
| 2009 | 6     | 30  | 21   | 35     | 28     | 0.3       | 2.3     | 1.1   | 90.7      | 104.8662 | 91.1874 |
| 2009 | 6     | 30  | 21   | 50     | 28     | 0.3       | 2.3     | 1.05  | 91.1      | 105.1499 | 89.2753 |
| 2009 | 6     | 30  | 22   | 5      | 28     | 0.3       | 2.3     | 1.09  | 90.7      | 105.1499 | 91.0858 |
| 2009 | 6     | 30  | 22   | 20     | 28     | 0.3       | 2.3     | 1.06  | 91.4      | 105.4338 | 90.0024 |
| 2009 | 6     | 30  | 22   | 35     | 28     | 0.3       | 2.3     | 1.05  | 89.8      | 105.5759 | 89.8769 |
| 2009 | 6     | 30  | 22   | 50     | 28     | 0.3       | 2.3     | 1.03  | 92.2      | 105.7181 | 89.0483 |
| 2009 | 6     | 30  | 23   | 5      | 28     | 0.3       | 2.3     | 1.06  | 89.5      | 105.8603 | 90.6081 |
| 2009 | 6     | 30  | 23   | 20     | 28     | 0.3       | 2.3     | 1.07  | 90        | 105.8603 | 91.1711 |
| 2009 | 6     | 30  | 23   | 35     | 28     | 0.3       | 2.3     | 1.12  | 91        | 105.8603 | 93.2821 |
| 2009 | 6     | 30  | 23   | 50     | 28     | 0.3       | 2.3     | 1.07  | 91.4      | 106.0026 | 91.0458 |

# Goose Lake Return

|         |      |
|---------|------|
| STA     | 0367 |
| YEAR    | 2009 |
| MO      | 6    |
| CFS1    | 0.9  |
| CFS2    | 0.89 |
| CFS3    | 0.87 |
| CFS4    | 0.88 |
| CFS5    | 0.86 |
| CFS6    | 0.87 |
| CFS7    | 0.89 |
| CFS8    | 0.91 |
| CFS9    | 0.9  |
| CFS10   | 0.91 |
| CFS11   | 0.91 |
| CFS12   | 0.92 |
| CFS13   | 0.91 |
| CFS14   | 0.89 |
| CFS15   | 0.88 |
| CFS16   | 0.87 |
| CFS17   | 0.86 |
| CFS18   | 0.85 |
| CFS19   | 0.83 |
| CFS20   | 0.83 |
| CFS21   | 0.83 |
| CFS22   | 0.84 |
| CFS23   | 1    |
| CFS24   | 1.1  |
| CFS25   | 0.85 |
| CFS26   | 0.75 |
| CFS27   | 0.75 |
| CFS28   | 0.78 |
| CFS29   | 0.81 |
| CFS30   | 0.85 |
| CFS31   | 0    |
| TOTALAF | 52   |
| AVECFS  | 0.87 |
| PEAKCFS | 1.3  |
| DY      | 23   |
| TIME    | 1745 |
| MINCFS  | 0.61 |
| DY      | 25   |
| TIME    | 1530 |

File\_Name 090605CU.NRT.WAD  
 Start\_Date\_and\_Time 2009/06/05 14:01:42  
 Site\_Name LOR 2 CULVERTS NORTH  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P1685  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge LEW  
 #\_Stations 12  
 Total\_Width 11.000 ft  
 Total\_Area 34.481 ft^2  
 Total\_Discharge 25.4254 cfs  
 Mean\_Depth 3.135 ft  
 Mean\_Velocity 0.7374 ft/s  
 Mean\_SNR 30.5 dB  
 Mean\_Verr 0.0156 ft/s  
 Mean\_Temp 62.93 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 4.6 %  
 Accuracy 1.0 %  
 Depth 0.2 %  
 Velocity 0.4 %  
 Width 0.2 %  
 Method 1.3 %  
 #\_Stations 4.2 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 2.0 %  
 Accuracy 1.0 %  
 Depth 0.6 %  
 Velocity 1.6 %  
 Width 0.2 %

#### Supplemental\_Data

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/05 | 14:00:34 | 0.000        | 3.830            | 22.0913         |          |



## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/5/2009 14:00

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc | Depth | IceD | %Dep  | MeasD | Npts | Spike | Vel  | SNR | Angle  | Verr | Bnd   | Temp  | CorrFact | MeanV  | Area   | Flow   | %Q |        |        |       |     |
|----|-------|-----|-------|------|-------|-------|------|-------|------|-----|--------|------|-------|-------|----------|--------|--------|--------|----|--------|--------|-------|-----|
| () | ()    |     | (ft)  | (ft) | (*D)  | (ft)  |      |       | ()   | ()  | (ft/s) | (dB) |       | (deg) |          | (ft/s) | ()     | (degF) | () | (ft/s) | (ft^2) | (cfs) | (%) |
| 0  | 14:01 | 0   | 0     | 0    | 0     | 0     | 0    | 0     | 0    | 0   | 0      | 0    | 0     | 0     | 0        | 0      | 0      | 0      | 1  | 0      | 0      | 0     | 0   |
| 1  | 14:01 | 1   | 2.99  | 0.6  | 1.196 | 40    | 0    | 0.719 | 29.9 | 4   | 0.017  | 0    | 62.73 | 1     | 0.7192   | 2.99   | 2.1504 | 8.5    |    |        |        |       |     |
| 2  | 14:05 | 2   | 3.47  | 0.2  | 2.776 | 40    | 0    | 0.598 | 29.7 | 4   | 0.022  | 0    | 62.8  | 1     | 0.6934   | 3.47   | 2.4062 | 9.5    |    |        |        |       |     |
| 2  | 14:04 | 2   | 3.47  | 0.6  | 1.388 | 40    | 1    | 0.763 | 30.3 | 0   | 0.015  | 0    | 62.78 | 0     | 0        | 0      | 0      | 0      | 0  | 0      | 0      | 0     |     |
| 2  | 14:03 | 2   | 3.47  | 0.8  | 0.694 | 40    | 2    | 0.649 | 30.1 | -1  | 0.014  | 0    | 62.76 | 0     | 0        | 0      | 0      | 0      | 0  | 0      | 0      | 0     |     |
| 3  | 14:06 | 3   | 3.66  | 0.2  | 2.928 | 40    | 0    | 0.661 | 30.5 | 3   | 0.017  | 0    | 62.82 | 1     | 0.7146   | 3.66   | 2.6157 | 10.3   |    |        |        |       |     |
| 3  | 14:07 | 3   | 3.66  | 0.6  | 1.464 | 40    | 0    | 0.745 | 30.7 | -1  | 0.011  | 0    | 62.83 | 0     | 0        | 0      | 0      | 0      | 0  | 0      | 0      | 0     |     |
| 3  | 14:08 | 3   | 3.66  | 0.8  | 0.732 | 40    | 0    | 0.707 | 30.3 | -4  | 0.022  | 0    | 62.85 | 0     | 0        | 0      | 0      | 0      | 0  | 0      | 0      | 0     |     |
| 4  | 14:12 | 4   | 3.78  | 0.2  | 3.024 | 40    | 0    | 0.645 | 30.1 | 2   | 0.013  | 0    | 62.89 | 1     | 0.6492   | 3.78   | 2.4539 | 9.7    |    |        |        |       |     |
| 4  | 14:10 | 4   | 3.78  | 0.6  | 1.512 | 40    | 0    | 0.7   | 30.9 | 4   | 0.02   | 0    | 62.87 | 0     | 0        | 0      | 0      | 0      | 0  | 0      | 0      | 0     |     |
| 4  | 14:10 | 4   | 3.78  | 0.8  | 0.756 | 40    | 0    | 0.552 | 30.1 | -2  | 0.014  | 0    | 62.87 | 0     | 0        | 0      | 0      | 0      | 0  | 0      | 0      | 0     |     |
| 5  | 14:13 | 5   | 3.84  | 0.2  | 3.072 | 40    | 0    | 0.705 | 30.5 | 0   | 0.026  | 0    | 62.89 | 1     | 0.6662   | 3.84   | 2.558  | 10.1   |    |        |        |       |     |
| 5  | 14:14 | 5   | 3.84  | 0.6  | 1.536 | 40    | 0    | 0.684 | 30.5 | 6   | 0.021  | 0    | 62.92 | 0     | 0        | 0      | 0      | 0      | 0  | 0      | 0      | 0     |     |
| 5  | 14:14 | 5   | 3.84  | 0.8  | 0.768 | 40    | 0    | 0.593 | 30.5 | -2  | 0.015  | 0    | 62.92 | 0     | 0        | 0      | 0      | 0      | 0  | 0      | 0      | 0     |     |
| 6  | 14:17 | 6   | 3.81  | 0.2  | 3.048 | 40    | 2    | 0.808 | 30.3 | 2   | 0.012  | 0    | 62.98 | 1     | 0.6782   | 3.81   | 2.5841 | 10.2   |    |        |        |       |     |
| 6  | 14:16 | 6   | 3.81  | 0.6  | 1.524 | 40    | 0    | 0.63  | 30.3 | 2   | 0.021  | 0    | 62.96 | 0     | 0        | 0      | 0      | 0      | 0  | 0      | 0      | 0     |     |
| 6  | 14:16 | 6   | 3.81  | 0.8  | 0.762 | 40    | 0    | 0.645 | 30.5 | 0   | 0.02   | 0    | 62.94 | 0     | 0        | 0      | 0      | 0      | 0  | 0      | 0      | 0     |     |
| 7  | 14:18 | 7   | 3.64  | 0.2  | 2.912 | 40    | 1    | 0.831 | 30.5 | 3   | 0.014  | 0    | 63    | 1     | 0.6906   | 3.64   | 2.5139 | 9.9    |    |        |        |       |     |
| 7  | 14:19 | 7   | 3.64  | 0.6  | 1.456 | 40    | 1    | 0.631 | 30.9 | 2   | 0.014  | 0    | 63.01 | 0     | 0        | 0      | 0      | 0      | 0  | 0      | 0      | 0     |     |
| 7  | 14:20 | 7   | 3.64  | 0.8  | 0.728 | 40    | 0    | 0.67  | 31.1 | 3   | 0.023  | 0    | 63.01 | 0     | 0        | 0      | 0      | 0      | 0  | 0      | 0      | 0     |     |
| 8  | 14:23 | 8   | 3.45  | 0.2  | 2.76  | 40    | 0    | 0.86  | 30.5 | 2   | 0.011  | 0    | 63.05 | 1     | 0.8466   | 3.45   | 2.921  | 11.5   |    |        |        |       |     |
| 8  | 14:22 | 8   | 3.45  | 0.6  | 1.38  | 40    | 0    | 0.9   | 30.7 | 2   | 0.011  | 0    | 63.03 | 0     | 0        | 0      | 0      | 0      | 0  | 0      | 0      | 0     |     |
| 8  | 14:22 | 8   | 3.45  | 0.8  | 0.69  | 40    | 0    | 0.728 | 30.3 | 3   | 0.026  | 0    | 63.01 | 0     | 0        | 0      | 0      | 0      | 0  | 0      | 0      | 0     |     |
| 9  | 14:25 | 9   | 3.16  | 0.2  | 2.528 | 40    | 0    | 0.881 | 30.5 | -6  | 0.012  | 0    | 63.09 | 1     | 0.8529   | 3.16   | 2.6951 | 10.6   |    |        |        |       |     |
| 9  | 14:26 | 9   | 3.16  | 0.6  | 1.264 | 40    | 0    | 0.805 | 30.9 | -1  | 0.011  | 0    | 63.05 | 0     | 0        | 0      | 0      | 0      | 0  | 0      | 0      | 0     |     |
| 9  | 14:27 | 9   | 3.16  | 0.8  | 0.632 | 40    | 2    | 0.921 | 30.7 | -2  | 0.009  | 0    | 63.09 | 0     | 0        | 0      | 0      | 0      | 0  | 0      | 0      | 0     |     |
| 10 | 14:28 | 10  | 2.68  | 0.6  | 1.072 | 40    | 1    | 0.943 | 30.9 | -5  | 0.008  | 0    | 63.09 | 1     | 0.9429   | 2.68   | 2.5271 | 9.9    |    |        |        |       |     |
| 11 | 14:28 | 11  | 0     | 0    | 0     | 0     | 0    | 0     | 0    | 0   | 0      | 0    | 0     | 1     | 0        | 0      | 0      | 0      | 0  | 0      | 0      | 0     |     |

File\_Name 090605CU.STH.WAD  
 Start\_Date\_and\_Time 2009/06/05 13:25:41  
 Site\_Name LOR 2 CULVERTS SOUTH  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P1685  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge LEW  
 #\_Stations 12  
 Total\_Width 11.000 ft  
 Total\_Area 37.870 ft^2  
 Total\_Discharge 24.6259 cfs  
 Mean\_Depth 3.443 ft  
 Mean\_Velocity 0.6503 ft/s  
 Mean\_SNR 30.6 dB  
 Mean\_Verr 0.0180 ft/s  
 Mean\_Temp 62.50 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 4.6 %  
 Accuracy 1.0 %  
 Depth 0.2 %  
 Velocity 0.6 %  
 Width 0.2 %  
 Method 1.3 %  
 #\_Stations 4.2 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 3.2 %  
 Accuracy 1.0 %  
 Depth 0.7 %  
 Velocity 2.9 %  
 Width 0.2 %

#### Supplemental\_Data

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/05 | 13:23:08 | 0.000        | 4.350            | 22.1813         |          |

## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/5/2009 13:23

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc  | Depth | %Dep | MeasD | Npts | Spike | Vel    | SNR  | Angle | Verr   | Bnd | Temp   | CorrFact | MeanV  | Area   | Flow   | %Q   |
|----|-------|------|-------|------|-------|------|-------|--------|------|-------|--------|-----|--------|----------|--------|--------|--------|------|
| () | ()    | (ft) | (ft)  | (*D) | (ft)  | ()   | ()    | (ft/s) | (dB) | (deg) | (ft/s) | ()  | (degF) | ()       | (ft/s) | (ft^2) | (cfs)  | (%)  |
| 0  | 13:25 | 0    | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0    |
| 1  | 13:25 | 1    | 2.8   | 0.6  | 1.12  | 40   | 0     | 0.329  | 31.6 | 7     | 0.015  | 0   | 62.29  | 1        | 0.3294 | 2.8    | 0.9223 | 3.7  |
| 2  | 13:29 | 2    | 3.4   | 0.2  | 2.72  | 40   | 0     | 0.613  | 31.2 | 2     | 0.015  | 0   | 62.38  | 1        | 0.47   | 3.4    | 1.5979 | 6.5  |
| 2  | 13:28 | 2    | 3.4   | 0.6  | 1.36  | 40   | 0     | 0.461  | 31.2 | 4     | 0.019  | 0   | 62.37  | 0        | 0      | 0      | 0      | 0    |
| 2  | 13:27 | 2    | 3.4   | 0.8  | 0.68  | 40   | 0     | 0.345  | 31.6 | -13   | 0.016  | 0   | 62.35  | 0        | 0      | 0      | 0      | 0    |
| 3  | 13:31 | 3    | 3.67  | 0.2  | 2.936 | 40   | 0     | 0.419  | 31.6 | -7    | 0.019  | 0   | 62.4   | 1        | 0.5152 | 3.67   | 1.8907 | 7.7  |
| 3  | 13:32 | 3    | 3.67  | 0.6  | 1.468 | 40   | 0     | 0.604  | 31.6 | 3     | 0.018  | 0   | 62.38  | 0        | 0      | 0      | 0      | 0    |
| 3  | 13:33 | 3    | 3.67  | 0.8  | 0.734 | 40   | 0     | 0.433  | 31.6 | 3     | 0.015  | 0   | 62.42  | 0        | 0      | 0      | 0      | 0    |
| 4  | 13:36 | 4    | 4.05  | 0.2  | 3.24  | 40   | 0     | 0.333  | 31.1 | -12   | 0.029  | 0   | 62.46  | 1        | 0.5594 | 4.05   | 2.2654 | 9.2  |
| 4  | 13:35 | 4    | 4.05  | 0.6  | 1.62  | 40   | 0     | 0.638  | 30.5 | 1     | 0.019  | 0   | 62.46  | 0        | 0      | 0      | 0      | 0    |
| 4  | 13:34 | 4    | 4.05  | 0.8  | 0.81  | 40   | 0     | 0.629  | 31.8 | 3     | 0.027  | 0   | 62.44  | 0        | 0      | 0      | 0      | 0    |
| 5  | 13:38 | 5    | 4.2   | 0.2  | 3.36  | 40   | 1     | 0.444  | 31.1 | -10   | 0.02   | 0   | 62.49  | 1        | 0.6198 | 4.2    | 2.603  | 10.6 |
| 5  | 13:39 | 5    | 4.2   | 0.6  | 1.68  | 40   | 2     | 0.66   | 30.9 | -1    | 0.012  | 0   | 62.51  | 0        | 0      | 0      | 0      | 0    |
| 5  | 13:40 | 5    | 4.2   | 0.8  | 0.84  | 40   | 0     | 0.714  | 30.7 | 2     | 0.017  | 0   | 62.53  | 0        | 0      | 0      | 0      | 0    |
| 6  | 13:45 | 6    | 4.35  | 0.2  | 3.48  | 40   | 1     | 0.432  | 23.6 | -9    | 0.022  | 0   | 62.56  | 1        | 0.6901 | 4.35   | 3.0021 | 12.2 |
| 6  | 13:42 | 6    | 4.35  | 0.6  | 1.74  | 40   | 1     | 0.784  | 31.1 | 0     | 0.022  | 0   | 62.56  | 0        | 0      | 0      | 0      | 0    |
| 6  | 13:42 | 6    | 4.35  | 0.8  | 0.87  | 40   | 0     | 0.761  | 30.1 | 4     | 0.02   | 0   | 62.56  | 0        | 0      | 0      | 0      | 0    |
| 7  | 13:46 | 7    | 4.23  | 0.2  | 3.384 | 40   | 1     | 0.537  | 30.7 | -8    | 0.023  | 0   | 62.56  | 1        | 0.7277 | 4.23   | 3.0781 | 12.5 |
| 7  | 13:48 | 7    | 4.23  | 0.6  | 1.692 | 40   | 3     | 0.732  | 30.7 | 1     | 0.022  | 0   | 62.56  | 0        | 0      | 0      | 0      | 0    |
| 7  | 13:48 | 7    | 4.23  | 0.8  | 0.846 | 40   | 1     | 0.909  | 30.5 | 2     | 0.011  | 0   | 62.58  | 0        | 0      | 0      | 0      | 0    |
| 8  | 13:52 | 8    | 4.1   | 0.2  | 3.28  | 40   | 0     | 0.656  | 29.4 | -4    | 0.019  | 0   | 62.58  | 1        | 0.8212 | 4.1    | 3.367  | 13.7 |
| 8  | 13:51 | 8    | 4.1   | 0.6  | 1.64  | 40   | 1     | 0.875  | 31.1 | 4     | 0.014  | 0   | 62.58  | 0        | 0      | 0      | 0      | 0    |
| 8  | 13:50 | 8    | 4.1   | 0.8  | 0.82  | 40   | 4     | 0.879  | 30.3 | 3     | 0.01   | 0   | 62.58  | 0        | 0      | 0      | 0      | 0    |
| 9  | 13:53 | 9    | 3.82  | 0.2  | 3.056 | 40   | 0     | 0.565  | 30.3 | -6    | 0.024  | 0   | 62.56  | 1        | 0.7218 | 3.82   | 2.7571 | 11.2 |
| 9  | 13:54 | 9    | 3.82  | 0.6  | 1.528 | 40   | 0     | 0.734  | 29.9 | -2    | 0.023  | 0   | 62.58  | 0        | 0      | 0      | 0      | 0    |
| 9  | 13:55 | 9    | 3.82  | 0.8  | 0.764 | 40   | 0     | 0.854  | 30.1 | 2     | 0.017  | 0   | 62.62  | 0        | 0      | 0      | 0      | 0    |
| 10 | 13:56 | 10   | 3.25  | 0.6  | 1.3   | 40   | 0     | 0.967  | 30.5 | -3    | 0.014  | 0   | 62.65  | 1        | 0.9669 | 3.25   | 3.1423 | 12.8 |
| 11 | 13:56 | 11   | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0    |

File\_Name 090625CU.NRT.WAD  
 Start\_Date\_and\_Time 2009/06/25 14:18:45  
 Site\_Name LOR 2 CULVERTS NORTH  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P2352  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge LEW  
 #\_Stations 12  
 Total\_Width 11.000 ft  
 Total\_Area 38.390 ft^2  
 Total\_Discharge 34.2794 cfs  
 Mean\_Depth 3.490 ft  
 Mean\_Velocity 0.8929 ft/s  
 Mean\_SNR 28.5 dB  
 Mean\_Verr 0.0207 ft/s  
 Mean\_Temp 70.08 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 4.5 %  
 Accuracy 1.0 %  
 Depth 0.2 %  
 Velocity 0.5 %  
 Width 0.2 %  
 Method 1.2 %  
 #\_Stations 4.2 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 2.1 %  
 Accuracy 1.0 %  
 Depth 0.7 %  
 Velocity 1.7 %  
 Width 0.2 %

#### Supplemental\_Data

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/25 | 14:16:44 | 0.000        | 4.200            | 28.0016         |          |

## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/25/2009 14:16

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc  | Depth | %Dep | MeasD | Npts | Spike | Vel    | SNR  | Angle | Verr   | Bnd | Temp   | CorrFact | MeanV  | Area   | Flow   | %Q   |
|----|-------|------|-------|------|-------|------|-------|--------|------|-------|--------|-----|--------|----------|--------|--------|--------|------|
| () | ()    | (ft) | (ft)  | (*D) | (ft)  | ()   | ()    | (ft/s) | (dB) | (deg) | (ft/s) | ()  | (degF) | ()       | (ft/s) | (ft^2) | (cfs)  | (%)  |
| 0  | 14:18 | 0    | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0    |
| 1  | 14:18 | 1    | 3.4   | 0.6  | 1.36  | 40   | 0     | 0.774  | 28.1 | 14    | 0.019  | 0   | 69.93  | 1        | 0.774  | 3.4    | 2.6314 | 7.7  |
| 2  | 14:22 | 2    | 3.94  | 0.2  | 3.152 | 40   | 0     | 0.691  | 29.2 | 7     | 0.018  | 0   | 69.98  | 1        | 0.773  | 3.94   | 3.0455 | 8.9  |
| 2  | 14:21 | 2    | 3.94  | 0.6  | 1.576 | 40   | 0     | 0.796  | 28.4 | 9     | 0.029  | 0   | 69.96  | 0        | 0      | 0      | 0      | 0    |
| 2  | 14:20 | 2    | 3.94  | 0.8  | 0.788 | 40   | 0     | 0.808  | 28.2 | 12    | 0.025  | 0   | 69.94  | 0        | 0      | 0      | 0      | 0    |
| 3  | 14:23 | 3    | 4.08  | 0.2  | 3.264 | 40   | 0     | 0.803  | 27.9 | 9     | 0.022  | 0   | 69.98  | 1        | 0.8829 | 4.08   | 3.6022 | 10.5 |
| 3  | 14:24 | 3    | 4.08  | 0.6  | 1.632 | 40   | 0     | 0.89   | 28.6 | 13    | 0.019  | 0   | 70     | 0        | 0      | 0      | 0      | 0    |
| 3  | 14:25 | 3    | 4.08  | 0.8  | 0.816 | 40   | 2     | 0.949  | 29   | 7     | 0.021  | 0   | 70.02  | 0        | 0      | 0      | 0      | 0    |
| 4  | 14:29 | 4    | 4.11  | 0.2  | 3.288 | 40   | 2     | 0.79   | 29   | -5    | 0.017  | 0   | 70.05  | 1        | 0.9502 | 4.11   | 3.9053 | 11.4 |
| 4  | 14:28 | 4    | 4.11  | 0.6  | 1.644 | 40   | 1     | 1.046  | 28.6 | 6     | 0.015  | 0   | 70.02  | 0        | 0      | 0      | 0      | 0    |
| 4  | 14:27 | 4    | 4.11  | 0.8  | 0.822 | 40   | 0     | 0.92   | 28.4 | 10    | 0.026  | 0   | 70.02  | 0        | 0      | 0      | 0      | 0    |
| 5  | 14:30 | 5    | 4.2   | 0.2  | 3.36  | 40   | 0     | 0.755  | 28.4 | 0     | 0.025  | 0   | 70.05  | 1        | 0.8504 | 4.2    | 3.5718 | 10.4 |
| 5  | 14:31 | 5    | 4.2   | 0.6  | 1.68  | 40   | 0     | 0.929  | 28.8 | 12    | 0.017  | 0   | 70.05  | 0        | 0      | 0      | 0      | 0    |
| 5  | 14:32 | 5    | 4.2   | 0.8  | 0.84  | 40   | 0     | 0.788  | 29   | 16    | 0.026  | 0   | 70.07  | 0        | 0      | 0      | 0      | 0    |
| 6  | 14:36 | 6    | 4.18  | 0.2  | 3.344 | 40   | 0     | 0.724  | 29   | -6    | 0.026  | 0   | 70.12  | 1        | 0.8636 | 4.18   | 3.6099 | 10.5 |
| 6  | 14:35 | 6    | 4.18  | 0.6  | 1.672 | 40   | 2     | 0.909  | 28.4 | 8     | 0.017  | 0   | 70.11  | 0        | 0      | 0      | 0      | 0    |
| 6  | 14:34 | 6    | 4.18  | 0.8  | 0.836 | 40   | 0     | 0.912  | 28.8 | 11    | 0.025  | 0   | 70.09  | 0        | 0      | 0      | 0      | 0    |
| 7  | 14:37 | 7    | 4.1   | 0.2  | 3.28  | 40   | 0     | 0.998  | 28.6 | -1    | 0.015  | 0   | 70.14  | 1        | 0.9547 | 4.1    | 3.9144 | 11.4 |
| 7  | 14:38 | 7    | 4.1   | 0.6  | 1.64  | 40   | 1     | 1.006  | 28.1 | 3     | 0.026  | 0   | 70.14  | 0        | 0      | 0      | 0      | 0    |
| 7  | 14:39 | 7    | 4.1   | 0.8  | 0.82  | 40   | 0     | 0.809  | 28.6 | 5     | 0.026  | 0   | 70.14  | 0        | 0      | 0      | 0      | 0    |
| 8  | 14:43 | 8    | 3.8   | 0.2  | 3.04  | 40   | 0     | 0.967  | 28.8 | 0     | 0.016  | 0   | 70.18  | 1        | 0.9858 | 3.8    | 3.746  | 10.9 |
| 8  | 14:42 | 8    | 3.8   | 0.6  | 1.52  | 40   | 1     | 1.107  | 28.6 | 4     | 0.012  | 0   | 70.16  | 0        | 0      | 0      | 0      | 0    |
| 8  | 14:41 | 8    | 3.8   | 0.8  | 0.76  | 40   | 0     | 0.763  | 28.4 | 14    | 0.018  | 0   | 70.16  | 0        | 0      | 0      | 0      | 0    |
| 9  | 14:45 | 9    | 3.58  | 0.2  | 2.864 | 40   | 0     | 1.018  | 28.2 | -2    | 0.019  | 0   | 70.2   | 1        | 0.9045 | 3.58   | 3.2383 | 9.4  |
| 9  | 14:46 | 9    | 3.58  | 0.6  | 1.432 | 40   | 0     | 0.885  | 28.2 | 4     | 0.022  | 0   | 70.2   | 0        | 0      | 0      | 0      | 0    |
| 9  | 14:47 | 9    | 3.58  | 0.8  | 0.716 | 40   | 0     | 0.83   | 28.6 | 1     | 0.033  | 0   | 70.21  | 0        | 0      | 0      | 0      | 0    |
| 10 | 14:48 | 10   | 3     | 0.6  | 1.2   | 40   | 0     | 1.005  | 28.8 | 0     | 0.017  | 0   | 70.23  | 1        | 1.0049 | 3      | 3.0148 | 8.8  |
| 11 | 14:48 | 11   | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0    |

File\_Name 090625CU.STH.WAD  
 Start\_Date\_and\_Time 2009/06/25 13:42:36  
 Site\_Name LOR 2 CULVERTS SOUTH  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P2352  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge LEW  
 #\_Stations 12  
 Total\_Width 11.000 ft  
 Total\_Area 41.770 ft^2  
 Total\_Discharge 34.0875 cfs  
 Mean\_Depth 3.797 ft  
 Mean\_Velocity 0.8161 ft/s  
 Mean\_SNR 28.7 dB  
 Mean\_Verr 0.0230 ft/s  
 Mean\_Temp 69.65 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 4.6 %  
 Accuracy 1.0 %  
 Depth 0.2 %  
 Velocity 0.6 %  
 Width 0.2 %  
 Method 1.2 %  
 #\_Stations 4.2 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 2.9 %  
 Accuracy 1.0 %  
 Depth 0.7 %  
 Velocity 2.6 %  
 Width 0.2 %

#### Supplemental\_Data

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/25 | 13:40:37 | 0.000        | 4.650            | 28.0016         |          |

## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/25/2009 13:40

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc  | Depth | %Dep | MeasD | Npts | Spike | Vel    | SNR  | Angle | Verr   | Bnd | Temp   | CorrFact | MeanV  | Area   | Flow   | %Q   |
|----|-------|------|-------|------|-------|------|-------|--------|------|-------|--------|-----|--------|----------|--------|--------|--------|------|
| () | ()    | (ft) | (ft)  | (*D) | (ft)  | ()   | ()    | (ft/s) | (dB) | (deg) | (ft/s) | ()  | (degF) | ()       | (ft/s) | (ft^2) | (cfs)  | (%)  |
| 0  | 13:42 | 0    | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0    |
| 1  | 13:42 | 1    | 3.23  | 0.6  | 1.292 | 40   | 0     | 0.443  | 29.2 | -3    | 0.014  | 0   | 69.46  | 1        | 0.4426 | 3.23   | 1.4295 | 4.2  |
| 2  | 13:45 | 2    | 3.9   | 0.2  | 3.12  | 40   | 0     | 0.545  | 29   | -16   | 0.019  | 0   | 69.51  | 1        | 0.6663 | 3.9    | 2.5984 | 7.6  |
| 2  | 13:44 | 2    | 3.9   | 0.6  | 1.56  | 40   | 0     | 0.728  | 28.6 | 4     | 0.019  | 0   | 69.51  | 0        | 0      | 0      | 0      | 0    |
| 2  | 13:44 | 2    | 3.9   | 0.8  | 0.78  | 40   | 0     | 0.664  | 29.2 | 0     | 0.018  | 0   | 69.49  | 0        | 0      | 0      | 0      | 0    |
| 3  | 13:47 | 3    | 4.2   | 0.2  | 3.36  | 40   | 3     | 0.574  | 28.4 | -16   | 0.017  | 0   | 69.53  | 1        | 0.6353 | 4.2    | 2.6685 | 7.8  |
| 3  | 13:48 | 3    | 4.2   | 0.6  | 1.68  | 40   | 0     | 0.681  | 28.4 | 0     | 0.023  | 0   | 69.55  | 0        | 0      | 0      | 0      | 0    |
| 3  | 13:49 | 3    | 4.2   | 0.8  | 0.84  | 40   | 0     | 0.606  | 29   | -2    | 0.024  | 0   | 69.55  | 0        | 0      | 0      | 0      | 0    |
| 4  | 13:53 | 4    | 4.46  | 0.2  | 3.568 | 40   | 1     | 0.572  | 28.8 | -13   | 0.028  | 0   | 69.58  | 1        | 0.8017 | 4.46   | 3.5754 | 10.5 |
| 4  | 13:52 | 4    | 4.46  | 0.6  | 1.784 | 40   | 0     | 0.874  | 28.6 | 1     | 0.022  | 0   | 69.58  | 0        | 0      | 0      | 0      | 0    |
| 4  | 13:51 | 4    | 4.46  | 0.8  | 0.892 | 40   | 0     | 0.887  | 28.6 | 5     | 0.018  | 0   | 69.57  | 0        | 0      | 0      | 0      | 0    |
| 5  | 13:54 | 5    | 4.6   | 0.2  | 3.68  | 40   | 0     | 0.689  | 28.6 | -13   | 0.023  | 0   | 69.62  | 1        | 0.7988 | 4.6    | 3.6745 | 10.8 |
| 5  | 13:55 | 5    | 4.6   | 0.6  | 1.84  | 40   | 0     | 0.819  | 29   | 3     | 0.023  | 0   | 69.62  | 0        | 0      | 0      | 0      | 0    |
| 5  | 13:56 | 5    | 4.6   | 0.8  | 0.92  | 40   | 0     | 0.868  | 29   | 1     | 0.021  | 0   | 69.64  | 0        | 0      | 0      | 0      | 0    |
| 6  | 14:00 | 6    | 4.65  | 0.2  | 3.72  | 40   | 0     | 0.665  | 28.6 | -12   | 0.031  | 0   | 69.67  | 1        | 0.8913 | 4.65   | 4.1446 | 12.2 |
| 6  | 13:59 | 6    | 4.65  | 0.6  | 1.86  | 40   | 0     | 0.983  | 29.2 | 1     | 0.021  | 0   | 69.66  | 0        | 0      | 0      | 0      | 0    |
| 6  | 13:58 | 6    | 4.65  | 0.8  | 0.93  | 40   | 0     | 0.935  | 29   | 4     | 0.022  | 0   | 69.66  | 0        | 0      | 0      | 0      | 0    |
| 7  | 14:01 | 7    | 4.55  | 0.2  | 3.64  | 40   | 1     | 0.608  | 29   | -9    | 0.03   | 0   | 69.69  | 1        | 0.8381 | 4.55   | 3.8132 | 11.2 |
| 7  | 14:02 | 7    | 4.55  | 0.6  | 1.82  | 40   | 0     | 0.848  | 29   | -2    | 0.03   | 0   | 69.71  | 0        | 0      | 0      | 0      | 0    |
| 7  | 14:03 | 7    | 4.55  | 0.8  | 0.91  | 40   | 0     | 1.048  | 28.8 | 1     | 0.024  | 0   | 69.73  | 0        | 0      | 0      | 0      | 0    |
| 8  | 14:07 | 8    | 4.48  | 0.2  | 3.584 | 40   | 0     | 0.882  | 28.4 | -8    | 0.035  | 0   | 69.78  | 1        | 0.9749 | 4.48   | 4.3675 | 12.8 |
| 8  | 14:06 | 8    | 4.48  | 0.6  | 1.792 | 40   | 1     | 0.969  | 28.6 | -4    | 0.022  | 0   | 69.76  | 0        | 0      | 0      | 0      | 0    |
| 8  | 14:05 | 8    | 4.48  | 0.8  | 0.896 | 40   | 1     | 1.08   | 28.8 | 3     | 0.024  | 0   | 69.76  | 0        | 0      | 0      | 0      | 0    |
| 9  | 14:09 | 9    | 4.2   | 0.2  | 3.36  | 40   | 0     | 0.84   | 28.4 | -10   | 0.028  | 0   | 69.78  | 1        | 1.0294 | 4.2    | 4.3238 | 12.7 |
| 9  | 14:10 | 9    | 4.2   | 0.6  | 1.68  | 40   | 1     | 1.1    | 28.1 | -4    | 0.018  | 0   | 69.82  | 0        | 0      | 0      | 0      | 0    |
| 9  | 14:10 | 9    | 4.2   | 0.8  | 0.84  | 40   | 0     | 1.077  | 28.4 | 1     | 0.026  | 0   | 69.84  | 0        | 0      | 0      | 0      | 0    |
| 10 | 14:12 | 10   | 3.5   | 0.6  | 1.4   | 40   | 0     | 0.998  | 28.3 | -3    | 0.026  | 0   | 69.82  | 1        | 0.9977 | 3.5    | 3.492  | 10.2 |
| 11 | 14:12 | 11   | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0    |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 1   | 0    | 3      | 45     | 0.928     | -0.066    | 4.262 | 0.01      | 0.007     | 0         | 47.3 | 44.3 | 50.3 | 144        | 137        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 0    | 13     | 45     | 1.001     | -0.075    | 4.262 | 0.01      | 0.007     | 0         | 46.9 | 44.3 | 49   | 143        | 137        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 0    | 23     | 45     | 0.837     | -0.023    | 4.259 | 0.01      | 0.007     | 0         | 47.3 | 45.2 | 50.3 | 144        | 138        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 0    | 33     | 45     | 0.942     | -0.039    | 4.259 | 0.01      | 0.007     | 0         | 47.3 | 44.7 | 51.2 | 144        | 138        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 0    | 43     | 45     | 0.886     | -0.043    | 4.255 | 0.01      | 0.007     | 0         | 47.3 | 44.7 | 51.2 | 144        | 138        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 0    | 53     | 45     | 0.935     | -0.03     | 4.255 | 0.016     | 0.013     | 0         | 47.3 | 44.3 | 50.3 | 144        | 137        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 1    | 3      | 45     | 0.912     | -0.026    | 4.252 | 0.01      | 0.007     | 0         | 47.7 | 44.7 | 50.3 | 145        | 138        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 1    | 13     | 45     | 0.823     | 0.01      | 4.252 | 0.01      | 0.007     | 0         | 47.3 | 45.2 | 49   | 144        | 138        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 1    | 23     | 45     | 0.899     | -0.026    | 4.249 | 0.01      | 0.007     | 0         | 47.7 | 45.2 | 46.9 | 145        | 139        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 1    | 33     | 45     | 1.03      | -0.089    | 4.242 | 0.013     | 0.01      | 0         | 47.3 | 44.3 | 47.3 | 144        | 137        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 1    | 43     | 45     | 0.833     | -0.023    | 4.236 | 0.01      | 0.007     | 0         | 47.3 | 44.7 | 47.3 | 144        | 138        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 1    | 53     | 45     | 0.833     | -0.013    | 4.232 | 0.01      | 0.007     | 0         | 47.3 | 44.7 | 46.4 | 144        | 138        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 2    | 3      | 45     | 1.086     | -0.108    | 4.229 | 0.01      | 0.007     | 0         | 47.3 | 44.7 | 49.9 | 144        | 138        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 2    | 13     | 45     | 0.988     | -0.056    | 4.226 | 0.01      | 0.007     | 0         | 47.3 | 45.2 | 48.2 | 144        | 138        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 2    | 23     | 45     | 0.807     | 0.043     | 4.226 | 0.01      | 0.007     | 0         | 47.3 | 44.7 | 48.2 | 144        | 138        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 2    | 33     | 45     | 0.974     | -0.089    | 4.222 | 0.01      | 0.007     | 0         | 47.3 | 44.7 | 48.2 | 145        | 138        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 2    | 43     | 45     | 1.05      | -0.131    | 4.222 | 0.01      | 0.007     | 0         | 48.2 | 45.6 | 47.3 | 146        | 140        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 2    | 53     | 45     | 0.922     | -0.062    | 4.219 | 0.01      | 0.007     | 0         | 48.2 | 45.2 | 50.3 | 146        | 139        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 3    | 3      | 45     | 1.02      | -0.082    | 4.219 | 0.01      | 0.007     | 0         | 47.7 | 45.6 | 49   | 145        | 139        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 3    | 13     | 45     | 1.01      | -0.161    | 4.216 | 0.013     | 0.01      | 0         | 46.9 | 44.7 | 49.5 | 144        | 138        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 3    | 23     | 45     | 0.879     | -0.046    | 4.216 | 0.01      | 0.007     | 0         | 47.3 | 45.2 | 50.7 | 145        | 139        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 3    | 33     | 45     | 1.043     | -0.118    | 4.213 | 0.01      | 0.007     | 0         | 47.3 | 45.2 | 47.7 | 145        | 139        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 3    | 43     | 45     | 0.997     | -0.115    | 4.213 | 0.01      | 0.007     | 0         | 47.3 | 44.7 | 49   | 144        | 138        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 3    | 53     | 45     | 0.938     | -0.072    | 4.213 | 0.013     | 0.01      | 0         | 47.7 | 44.7 | 47.3 | 145        | 138        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 4    | 3      | 45     | 0.928     | -0.105    | 4.209 | 0.013     | 0.01      | 0         | 47.7 | 45.2 | 49   | 145        | 139        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 4    | 13     | 45     | 0.968     | -0.066    | 4.206 | 0.016     | 0.013     | 0         | 47.3 | 44.7 | 46.4 | 144        | 138        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 4    | 23     | 45     | 1.06      | -0.121    | 4.203 | 0.01      | 0.007     | 0         | 47.7 | 45.2 | 47.3 | 145        | 139        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 4    | 33     | 45     | 0.965     | -0.079    | 4.203 | 0.013     | 0.01      | 0         | 47.7 | 45.6 | 48.6 | 145        | 139        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 4    | 43     | 45     | 0.951     | -0.062    | 4.196 | 0.01      | 0.007     | 0         | 47.7 | 45.2 | 49.9 | 145        | 139        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 4    | 53     | 45     | 1.043     | -0.128    | 4.19  | 0.01      | 0.007     | 0         | 47.3 | 45.2 | 46.4 | 145        | 139        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 5    | 3      | 45     | 0.988     | -0.118    | 4.186 | 0.01      | 0.007     | 0         | 48.2 | 46   | 46   | 146        | 140        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 5    | 13     | 45     | 0.978     | -0.075    | 4.186 | 0.01      | 0.007     | 0         | 47.7 | 45.6 | 49   | 145        | 139        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 5    | 23     | 45     | 1.073     | -0.144    | 4.183 | 0.01      | 0.007     | 0         | 46.9 | 44.7 | 47.7 | 144        | 138        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 5    | 33     | 45     | 0.958     | -0.072    | 4.18  | 0.01      | 0.007     | 0         | 47.7 | 45.6 | 46.4 | 146        | 140        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 5    | 43     | 45     | 0.994     | -0.095    | 4.18  | 0.01      | 0.007     | 0         | 48.2 | 45.2 | 48.2 | 146        | 139        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 5    | 53     | 45     | 0.919     | -0.049    | 4.177 | 0.016     | 0.013     | 0         | 48.6 | 46   | 49.5 | 147        | 140        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 6    | 3      | 45     | 1.053     | -0.131    | 4.177 | 0.01      | 0.007     | 0         | 48.2 | 45.6 | 48.6 | 146        | 140        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 6    | 13     | 45     | 1.056     | -0.108    | 4.173 | 0.01      | 0.007     | 0         | 48.6 | 46.4 | 49.5 | 147        | 141        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 6    | 23     | 45     | 0.974     | -0.135    | 4.173 | 0.013     | 0.01      | 0         | 48.6 | 45.6 | 49.5 | 147        | 140        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 6    | 33     | 45     | 0.928     | -0.056    | 4.173 | 0.01      | 0.007     | 0         | 49   | 46   | 48.6 | 147        | 141        | 0          | 33     | 34     |
| 2009 | 6     | 1   | 6    | 43     | 45     | 0.981     | -0.098    | 4.17  | 0.01      | 0.007     | 0         | 48.6 | 46   | 50.3 | 147        | 140        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 6    | 53     | 45     | 1.027     | -0.115    | 4.17  | 0.013     | 0.01      | 0         | 48.6 | 45.6 | 48.6 | 147        | 140        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 7    | 3      | 45     | 1.053     | -0.138    | 4.167 | 0.01      | 0.007     | 0         | 48.2 | 45.6 | 50.3 | 146        | 140        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 7    | 13     | 45     | 1.047     | -0.121    | 4.167 | 0.013     | 0.01      | 0         | 48.2 | 46   | 47.3 | 147        | 140        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 7    | 23     | 45     | 1.047     | -0.128    | 4.163 | 0.013     | 0.01      | 0         | 48.2 | 46   | 46.9 | 146        | 140        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 7    | 33     | 45     | 1.043     | -0.154    | 4.16  | 0.01      | 0.007     | 0         | 47.7 | 46   | 48.6 | 146        | 140        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 7    | 43     | 45     | 1.056     | -0.141    | 4.154 | 0.01      | 0.007     | 0         | 48.2 | 45.6 | 46.4 | 146        | 140        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 7    | 53     | 45     | 0.981     | -0.131    | 4.15  | 0.01      | 0.007     | 0         | 48.2 | 46   | 46.4 | 146        | 140        | 0          | 34     | 33     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 1   | 8    | 3      | 45     | 1.033     | -0.128    | 4.147 | 0.01      | 0.007     | 0         | 48.2 | 45.6 | 44.7 | 146        | 140        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 8    | 13     | 45     | 1.03      | -0.154    | 4.144 | 0.013     | 0.01      | 0         | 48.2 | 46   | 47.3 | 146        | 141        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 8    | 23     | 45     | 0.978     | -0.18     | 4.14  | 0.01      | 0.007     | 0         | 48.2 | 45.6 | 48.6 | 146        | 140        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 8    | 33     | 45     | 1.02      | -0.144    | 4.14  | 0.013     | 0.01      | 0         | 47.7 | 45.6 | 46   | 146        | 140        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 8    | 43     | 45     | 1.083     | -0.125    | 4.137 | 0.01      | 0.007     | 0         | 48.2 | 45.6 | 46.9 | 146        | 140        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 8    | 53     | 45     | 1.053     | -0.115    | 4.137 | 0.016     | 0.013     | 0         | 47.7 | 45.6 | 50.7 | 146        | 140        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 9    | 3      | 45     | 1.047     | -0.141    | 4.137 | 0.01      | 0.007     | 0         | 47.7 | 45.6 | 50.3 | 146        | 140        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 9    | 13     | 45     | 1.083     | -0.161    | 4.134 | 0.01      | 0.007     | 0         | 47.7 | 45.2 | 50.3 | 145        | 139        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 9    | 23     | 45     | 1.056     | -0.167    | 4.134 | 0.01      | 0.007     | 0         | 48.2 | 45.2 | 49.5 | 146        | 139        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 9    | 33     | 45     | 1.066     | -0.161    | 4.134 | 0.01      | 0.007     | 0         | 47.7 | 45.2 | 47.7 | 145        | 139        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 9    | 43     | 45     | 0.981     | -0.148    | 4.131 | 0.01      | 0.007     | 0         | 48.2 | 45.2 | 47.7 | 146        | 139        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 9    | 53     | 45     | 1.096     | -0.138    | 4.127 | 0.01      | 0.007     | 0         | 47.7 | 45.6 | 46.9 | 146        | 140        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 10   | 3      | 45     | 1.079     | -0.157    | 4.127 | 0.01      | 0.007     | 0         | 47.7 | 45.2 | 48.6 | 145        | 139        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 10   | 13     | 45     | 1.007     | -0.164    | 4.124 | 0.01      | 0.007     | 0         | 47.7 | 45.2 | 47.7 | 145        | 139        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 10   | 23     | 45     | 1.053     | -0.171    | 4.117 | 0.01      | 0.007     | 0         | 48.2 | 45.2 | 47.7 | 146        | 139        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 10   | 33     | 45     | 1.024     | -0.148    | 4.111 | 0.01      | 0.007     | 0         | 47.7 | 45.2 | 46   | 146        | 139        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 10   | 43     | 45     | 1.056     | -0.128    | 4.108 | 0.01      | 0.007     | 0         | 47.7 | 45.2 | 47.3 | 145        | 139        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 10   | 53     | 45     | 1.06      | -0.161    | 4.108 | 0.013     | 0.01      | 0         | 47.3 | 44.7 | 48.6 | 144        | 138        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 11   | 3      | 45     | 0.974     | -0.121    | 4.104 | 0.01      | 0.007     | 0         | 47.7 | 45.2 | 50.3 | 145        | 139        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 11   | 13     | 45     | 1.05      | -0.148    | 4.104 | 0.01      | 0.007     | 0         | 47.7 | 45.2 | 49.9 | 145        | 139        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 11   | 23     | 45     | 0.994     | -0.154    | 4.104 | 0.01      | 0.007     | 0         | 47.3 | 45.2 | 49.5 | 145        | 138        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 11   | 33     | 45     | 0.935     | -0.194    | 4.101 | 0.01      | 0.007     | 0         | 47.3 | 44.7 | 49   | 144        | 138        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 11   | 43     | 45     | 1.027     | -0.154    | 4.101 | 0.01      | 0.007     | 0         | 47.3 | 44.7 | 47.7 | 144        | 138        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 11   | 53     | 45     | 0.988     | -0.131    | 4.101 | 0.01      | 0.007     | 0         | 47.7 | 45.2 | 46.9 | 145        | 139        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 12   | 3      | 45     | 1.04      | -0.161    | 4.098 | 0.013     | 0.01      | 0         | 47.7 | 44.7 | 49.9 | 145        | 138        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 12   | 13     | 45     | 1.06      | -0.174    | 4.094 | 0.013     | 0.01      | 0         | 47.7 | 45.2 | 48.6 | 145        | 139        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 12   | 23     | 45     | 1.001     | -0.151    | 4.091 | 0.013     | 0.01      | 0         | 47.7 | 45.2 | 48.2 | 145        | 138        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 12   | 33     | 45     | 1.014     | -0.138    | 4.085 | 0.01      | 0.007     | 0         | 47.7 | 44.7 | 48.6 | 145        | 138        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 12   | 43     | 45     | 0.991     | -0.148    | 4.081 | 0.016     | 0.013     | 0         | 48.2 | 45.6 | 48.6 | 146        | 140        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 12   | 53     | 45     | 1.007     | -0.144    | 4.078 | 0.013     | 0.01      | 0         | 47.7 | 45.6 | 48.6 | 145        | 139        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 13   | 3      | 45     | 1.053     | -0.157    | 4.075 | 0.01      | 0.007     | 0         | 47.7 | 45.2 | 48.6 | 145        | 139        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 13   | 13     | 45     | 0.961     | -0.18     | 4.075 | 0.01      | 0.007     | 0         | 47.7 | 45.2 | 48.6 | 145        | 139        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 13   | 23     | 45     | 1.047     | -0.154    | 4.075 | 0.01      | 0.007     | 0         | 48.6 | 45.6 | 51.2 | 146        | 139        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 13   | 33     | 45     | 1.007     | -0.144    | 4.072 | 0.013     | 0.01      | 0         | 47.7 | 45.2 | 49.5 | 145        | 139        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 13   | 43     | 45     | 1.001     | -0.167    | 4.072 | 0.01      | 0.007     | 0         | 47.7 | 45.2 | 49.9 | 145        | 139        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 13   | 53     | 45     | 1.027     | -0.157    | 4.072 | 0.01      | 0.007     | 0         | 48.2 | 45.2 | 49.5 | 146        | 139        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 14   | 3      | 45     | 1.073     | -0.121    | 4.068 | 0.01      | 0.007     | 0         | 48.2 | 45.2 | 49.5 | 146        | 139        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 14   | 13     | 45     | 0.981     | -0.135    | 4.068 | 0.013     | 0.01      | 0         | 47.7 | 45.6 | 47.7 | 145        | 139        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 14   | 23     | 45     | 0.991     | -0.089    | 4.068 | 0.01      | 0.007     | 0         | 48.2 | 45.2 | 49.9 | 146        | 139        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 14   | 33     | 45     | 0.919     | -0.095    | 4.065 | 0.01      | 0.007     | 0         | 48.6 | 46   | 52.9 | 147        | 140        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 14   | 43     | 45     | 0.984     | -0.135    | 4.065 | 0.016     | 0.013     | 0         | 48.2 | 45.6 | 48.2 | 146        | 139        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 14   | 53     | 45     | 1.03      | -0.135    | 4.062 | 0.013     | 0.01      | 0         | 48.2 | 45.6 | 47.7 | 146        | 139        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 15   | 3      | 45     | 0.994     | -0.164    | 4.058 | 0.01      | 0.007     | 0         | 48.2 | 45.6 | 49.5 | 146        | 139        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 15   | 13     | 45     | 0.997     | -0.121    | 4.055 | 0.01      | 0.007     | 0         | 48.2 | 46   | 53.8 | 146        | 140        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 15   | 23     | 45     | 1.047     | -0.144    | 4.055 | 0.01      | 0.007     | 0         | 48.6 | 46   | 49   | 147        | 141        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 15   | 33     | 45     | 0.997     | -0.135    | 4.049 | 0.01      | 0.007     | 0         | 50.3 | 48.2 | 46.9 | 151        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 15   | 43     | 45     | 0.958     | -0.157    | 4.045 | 0.013     | 0.01      | 0         | 49.9 | 47.7 | 46.4 | 150        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 15   | 53     | 45     | 0.801     | 0.013     | 4.042 | 0.01      | 0.007     | 0         | 49.9 | 46.9 | 48.2 | 150        | 143        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 1   | 16   | 3      | 45     | 0.909     | -0.075    | 4.042 | 0.01      | 0.007     | 0         | 49   | 46.4 | 48.2 | 148        | 142        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 16   | 13     | 45     | 0.994     | -0.148    | 4.039 | 0.01      | 0.007     | 0         | 48.6 | 46   | 49   | 147        | 141        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 16   | 23     | 45     | 0.902     | -0.092    | 4.039 | 0.01      | 0.007     | 0         | 49   | 46.4 | 48.2 | 148        | 141        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 16   | 33     | 45     | 0.994     | -0.102    | 4.039 | 0.01      | 0.007     | 0         | 48.6 | 46   | 49   | 147        | 140        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 16   | 43     | 45     | 1.007     | -0.125    | 4.035 | 0.016     | 0.013     | 0         | 49.5 | 46.9 | 48.2 | 149        | 142        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 16   | 53     | 45     | 0.997     | -0.098    | 4.035 | 0.013     | 0.01      | 0         | 49.9 | 47.3 | 46.4 | 150        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 17   | 3      | 45     | 0.997     | -0.098    | 4.035 | 0.013     | 0.01      | 0         | 49.5 | 47.7 | 46   | 150        | 144        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 17   | 13     | 45     | 1.027     | -0.089    | 4.032 | 0.013     | 0.01      | 0         | 49.9 | 47.7 | 48.6 | 150        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 17   | 23     | 45     | 1.014     | -0.121    | 4.032 | 0.013     | 0.01      | 0         | 49.9 | 47.3 | 54.2 | 150        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 17   | 33     | 45     | 1.047     | -0.131    | 4.032 | 0.01      | 0.007     | 0         | 49.5 | 47.3 | 49.5 | 150        | 143        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 17   | 43     | 45     | 0.997     | -0.144    | 4.029 | 0.016     | 0.013     | 0         | 49.9 | 46.9 | 47.7 | 149        | 143        | 0          | 33     | 34     |
| 2009 | 6     | 1   | 17   | 53     | 45     | 0.817     | -0.03     | 4.029 | 0.01      | 0.007     | 0         | 49   | 47.3 | 49.5 | 149        | 143        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 18   | 3      | 45     | 1.007     | -0.148    | 4.026 | 0.013     | 0.01      | 0         | 49   | 46.4 | 47.3 | 148        | 142        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 18   | 13     | 45     | 0.866     | -0.089    | 4.026 | 0.013     | 0.01      | 0         | 49.5 | 46.9 | 47.7 | 148        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 18   | 23     | 45     | 0.974     | -0.121    | 4.022 | 0.016     | 0.013     | 0         | 48.6 | 46   | 46   | 147        | 141        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 18   | 33     | 45     | 0.988     | -0.135    | 4.019 | 0.01      | 0.007     | 0         | 49   | 46.4 | 46.4 | 148        | 141        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 18   | 43     | 45     | 0.86      | -0.082    | 4.016 | 0.016     | 0.013     | 0         | 49.5 | 46.9 | 46   | 148        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 18   | 53     | 45     | 0.899     | -0.092    | 4.012 | 0.01      | 0.007     | 0         | 48.6 | 46   | 46.4 | 148        | 141        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 19   | 3      | 45     | 0.906     | -0.072    | 4.009 | 0.01      | 0.007     | 0         | 49   | 46.4 | 46   | 148        | 141        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 19   | 13     | 45     | 0.919     | -0.108    | 4.006 | 0.013     | 0.01      | 0         | 49   | 46.4 | 47.3 | 148        | 141        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 19   | 23     | 45     | 1.02      | -0.105    | 4.003 | 0.016     | 0.013     | 0         | 48.6 | 46.4 | 46.4 | 147        | 141        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 19   | 33     | 45     | 0.932     | -0.092    | 4.003 | 0.01      | 0.007     | 0         | 48.6 | 46.4 | 45.6 | 147        | 141        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 19   | 43     | 45     | 0.883     | -0.072    | 3.999 | 0.013     | 0.01      | 0         | 49   | 46.4 | 47.3 | 148        | 142        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 19   | 53     | 45     | 0.922     | -0.069    | 3.999 | 0.013     | 0.01      | 0         | 48.6 | 46.9 | 47.3 | 148        | 142        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 20   | 3      | 45     | 0.791     | -0.033    | 3.999 | 0.013     | 0.01      | 0         | 49   | 46.9 | 47.3 | 148        | 143        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 20   | 13     | 45     | 0.919     | -0.062    | 3.996 | 0.01      | 0.007     | 0         | 49.5 | 46   | 50.7 | 148        | 141        | 0          | 33     | 34     |
| 2009 | 6     | 1   | 20   | 23     | 45     | 0.846     | -0.03     | 3.996 | 0.016     | 0.013     | 0         | 49   | 46   | 49   | 148        | 141        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 20   | 33     | 45     | 0.955     | -0.052    | 3.993 | 0.01      | 0.007     | 0         | 48.6 | 46.4 | 50.3 | 147        | 141        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 20   | 43     | 45     | 0.83      | -0.01     | 3.993 | 0.016     | 0.013     | 0         | 48.6 | 45.6 | 49.9 | 147        | 140        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 20   | 53     | 45     | 0.807     | -0.016    | 3.993 | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 49.5 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 1   | 21   | 3      | 45     | 0.945     | -0.102    | 3.993 | 0.013     | 0.01      | 0         | 48.6 | 46.4 | 48.6 | 147        | 141        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 21   | 13     | 45     | 0.794     | -0.049    | 3.99  | 0.016     | 0.016     | 0         | 48.6 | 46   | 50.3 | 147        | 141        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 21   | 23     | 45     | 0.915     | -0.108    | 3.99  | 0.01      | 0.007     | 0         | 49   | 46.4 | 49.5 | 148        | 141        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 21   | 33     | 45     | 0.804     | -0.01     | 3.986 | 0.013     | 0.01      | 0         | 48.6 | 46   | 48.2 | 147        | 141        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 21   | 43     | 45     | 0.846     | -0.046    | 3.986 | 0.013     | 0.01      | 0         | 48.6 | 46   | 50.3 | 147        | 141        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 21   | 53     | 45     | 0.863     | -0.075    | 3.986 | 0.013     | 0.01      | 0         | 49   | 46   | 47.7 | 148        | 141        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 22   | 3      | 45     | 0.837     | -0.046    | 3.983 | 0.013     | 0.01      | 0         | 48.6 | 46   | 48.6 | 147        | 141        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 22   | 13     | 45     | 1.017     | -0.115    | 3.983 | 0.013     | 0.01      | 0         | 48.6 | 45.6 | 48.2 | 147        | 140        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 22   | 23     | 45     | 0.86      | -0.039    | 3.98  | 0.013     | 0.01      | 0         | 49.5 | 46   | 47.3 | 148        | 141        | 0          | 33     | 34     |
| 2009 | 6     | 1   | 22   | 33     | 45     | 0.968     | -0.125    | 3.976 | 0.01      | 0.007     | 0         | 48.6 | 46   | 46.4 | 147        | 141        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 22   | 43     | 45     | 0.958     | -0.112    | 3.973 | 0.01      | 0.007     | 0         | 48.6 | 45.6 | 46.4 | 147        | 140        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 22   | 53     | 45     | 0.935     | -0.092    | 3.97  | 0.01      | 0.007     | 0         | 48.6 | 45.6 | 44.7 | 147        | 140        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 23   | 3      | 45     | 0.912     | -0.046    | 3.967 | 0.013     | 0.01      | 0         | 48.6 | 46   | 46   | 147        | 141        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 23   | 13     | 45     | 0.837     | -0.03     | 3.963 | 0.01      | 0.007     | 0         | 48.6 | 46   | 47.3 | 147        | 141        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 23   | 23     | 45     | 0.948     | -0.121    | 3.96  | 0.01      | 0.007     | 0         | 48.2 | 46   | 45.6 | 147        | 141        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 23   | 33     | 45     | 0.955     | -0.085    | 3.957 | 0.01      | 0.007     | 0         | 48.6 | 46.4 | 47.7 | 147        | 141        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 23   | 43     | 45     | 0.889     | -0.092    | 3.957 | 0.01      | 0.007     | 0         | 49   | 46.4 | 46.9 | 148        | 142        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 23   | 53     | 45     | 0.827     | -0.049    | 3.957 | 0.01      | 0.007     | 0         | 49   | 46.4 | 47.7 | 148        | 141        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 2   | 0    | 3      | 45     | 0.827     | -0.062    | 3.953 | 0.016     | 0.013     | 0         | 49   | 46.4 | 46   | 148        | 142        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 0    | 13     | 45     | 0.883     | -0.092    | 3.953 | 0.01      | 0.007     | 0         | 49   | 46   | 47.7 | 148        | 141        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 0    | 23     | 45     | 0.912     | -0.062    | 3.953 | 0.01      | 0.007     | 0         | 48.6 | 46   | 47.7 | 147        | 141        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 0    | 33     | 45     | 0.938     | -0.121    | 3.95  | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 51.2 | 149        | 142        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 0    | 43     | 45     | 0.922     | -0.112    | 3.95  | 0.01      | 0.007     | 0         | 49   | 46.4 | 48.6 | 148        | 141        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 0    | 53     | 45     | 1.017     | -0.072    | 3.947 | 0.01      | 0.007     | 0         | 49.5 | 46.9 | 46.9 | 149        | 142        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 1    | 3      | 45     | 0.863     | -0.092    | 3.947 | 0.013     | 0.01      | 0         | 49.5 | 47.3 | 48.6 | 149        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 1    | 13     | 45     | 0.896     | -0.049    | 3.947 | 0.013     | 0.01      | 0         | 49.9 | 47.3 | 49.9 | 150        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 1    | 23     | 45     | 0.745     | 0         | 3.947 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 49   | 150        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 1    | 33     | 45     | 0.935     | -0.092    | 3.944 | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 48.2 | 151        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 1    | 43     | 45     | 0.81      | 0.007     | 3.944 | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 49.5 | 151        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 1    | 53     | 45     | 0.823     | -0.026    | 3.94  | 0.013     | 0.01      | 0         | 50.3 | 47.3 | 48.6 | 150        | 144        | 0          | 33     | 34     |
| 2009 | 6     | 2   | 2    | 3      | 45     | 0.814     | -0.013    | 3.94  | 0.013     | 0.01      | 0         | 49.9 | 47.7 | 46.9 | 150        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 2    | 13     | 45     | 0.997     | -0.108    | 3.94  | 0.013     | 0.01      | 0         | 49.5 | 46.9 | 48.2 | 149        | 143        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 2    | 23     | 45     | 0.735     | -0.007    | 3.937 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 48.2 | 150        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 2    | 33     | 45     | 0.801     | -0.01     | 3.937 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 46.4 | 150        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 2    | 43     | 45     | 0.823     | -0.016    | 3.934 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 46.9 | 150        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 2    | 53     | 45     | 0.807     | -0.036    | 3.93  | 0.01      | 0.007     | 0         | 49   | 47.3 | 46.4 | 149        | 144        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 3    | 3      | 45     | 0.915     | -0.092    | 3.927 | 0.013     | 0.01      | 0         | 49.9 | 47.7 | 47.3 | 151        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 3    | 13     | 45     | 0.965     | -0.112    | 3.924 | 0.013     | 0.01      | 0         | 49.9 | 46.9 | 45.2 | 150        | 143        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 3    | 23     | 45     | 0.965     | -0.092    | 3.917 | 0.013     | 0.01      | 0         | 49.5 | 46.9 | 45.6 | 149        | 143        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 3    | 33     | 45     | 0.915     | -0.062    | 3.917 | 0.01      | 0.007     | 0         | 49   | 46.9 | 45.2 | 149        | 143        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 3    | 43     | 45     | 0.856     | -0.098    | 3.914 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 45.6 | 150        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 3    | 53     | 45     | 0.791     | -0.043    | 3.914 | 0.016     | 0.016     | 0         | 49.9 | 47.7 | 48.2 | 150        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 4    | 3      | 45     | 0.794     | 0         | 3.911 | 0.01      | 0.007     | 0         | 49.5 | 47.3 | 47.7 | 150        | 144        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 4    | 13     | 45     | 0.984     | -0.095    | 3.911 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 46.4 | 150        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 4    | 23     | 45     | 0.883     | -0.102    | 3.907 | 0.016     | 0.016     | 0         | 49.9 | 47.7 | 46.9 | 150        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 4    | 33     | 45     | 0.968     | -0.128    | 3.907 | 0.013     | 0.01      | 0         | 49.9 | 47.3 | 46.4 | 150        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 4    | 43     | 45     | 0.974     | -0.118    | 3.904 | 0.016     | 0.013     | 0         | 49.5 | 46.9 | 47.3 | 149        | 143        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 4    | 53     | 45     | 0.974     | -0.174    | 3.904 | 0.01      | 0.007     | 0         | 49.5 | 46.9 | 46.9 | 149        | 143        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 5    | 3      | 45     | 0.968     | -0.102    | 3.904 | 0.013     | 0.01      | 0         | 49.9 | 47.3 | 49.5 | 151        | 144        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 5    | 13     | 45     | 0.932     | -0.108    | 3.904 | 0.013     | 0.01      | 0         | 49.9 | 47.3 | 47.3 | 150        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 5    | 23     | 45     | 0.948     | -0.164    | 3.901 | 0.016     | 0.016     | 0         | 49.9 | 47.3 | 46.9 | 150        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 5    | 33     | 45     | 0.968     | -0.154    | 3.901 | 0.013     | 0.01      | 0         | 49.9 | 47.3 | 46.9 | 150        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 5    | 43     | 45     | 0.84      | -0.062    | 3.901 | 0.01      | 0.007     | 0         | 49.9 | 47.7 | 47.3 | 151        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 5    | 53     | 45     | 0.915     | -0.128    | 3.898 | 0.016     | 0.013     | 0         | 50.3 | 47.7 | 46.4 | 151        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 6    | 3      | 45     | 0.906     | -0.121    | 3.898 | 0.016     | 0.013     | 0         | 49.9 | 47.3 | 46.4 | 150        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 6    | 13     | 45     | 0.945     | -0.148    | 3.894 | 0.016     | 0.013     | 0         | 49.5 | 47.3 | 46.4 | 150        | 144        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 6    | 23     | 45     | 0.968     | -0.148    | 3.894 | 0.01      | 0.007     | 0         | 49.9 | 47.7 | 46   | 150        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 6    | 33     | 45     | 1.004     | -0.161    | 3.894 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 46.4 | 150        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 6    | 43     | 45     | 0.932     | -0.125    | 3.891 | 0.013     | 0.01      | 0         | 49.9 | 47.3 | 45.6 | 150        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 6    | 53     | 45     | 0.965     | -0.115    | 3.888 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 45.6 | 150        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 7    | 3      | 45     | 1.03      | -0.131    | 3.888 | 0.013     | 0.01      | 0         | 49.5 | 47.7 | 45.6 | 149        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 7    | 13     | 45     | 0.988     | -0.128    | 3.881 | 0.01      | 0.007     | 0         | 49   | 46.9 | 45.2 | 149        | 143        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 7    | 23     | 45     | 0.869     | -0.069    | 3.878 | 0.016     | 0.013     | 0         | 49   | 46.9 | 45.6 | 149        | 143        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 7    | 33     | 45     | 1.001     | -0.174    | 3.875 | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 45.2 | 149        | 143        | 0          | 34     | 35     |
| 2009 | 6     | 2   | 7    | 43     | 45     | 0.925     | -0.118    | 3.871 | 0.013     | 0.01      | 0         | 49.5 | 47.7 | 46.4 | 149        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 7    | 53     | 45     | 0.958     | -0.141    | 3.868 | 0.01      | 0.007     | 0         | 49   | 46.9 | 48.2 | 149        | 143        | 0          | 35     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 2   | 8    | 3      | 45     | 0.942     | -0.184    | 3.868 | 0.01      | 0.007     | 0         | 49.5 | 46.9 | 46   | 149        | 143        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 8    | 13     | 45     | 0.938     | -0.167    | 3.868 | 0.013     | 0.01      | 0         | 49.9 | 47.3 | 48.2 | 150        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 8    | 23     | 45     | 0.988     | -0.161    | 3.865 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 47.3 | 150        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 8    | 33     | 45     | 0.955     | -0.161    | 3.865 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 45.6 | 150        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 8    | 43     | 45     | 0.948     | -0.164    | 3.865 | 0.01      | 0.007     | 0         | 49.9 | 47.7 | 47.7 | 150        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 8    | 53     | 45     | 0.994     | -0.174    | 3.862 | 0.013     | 0.01      | 0         | 49.9 | 47.7 | 47.7 | 150        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 9    | 3      | 45     | 1.014     | -0.131    | 3.862 | 0.013     | 0.01      | 0         | 49.5 | 47.7 | 47.3 | 150        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 9    | 13     | 45     | 0.912     | -0.135    | 3.862 | 0.016     | 0.013     | 0         | 50.3 | 47.7 | 51.2 | 151        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 9    | 23     | 45     | 0.978     | -0.144    | 3.858 | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 48.6 | 151        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 9    | 33     | 45     | 0.932     | -0.131    | 3.858 | 0.016     | 0.013     | 0         | 50.3 | 47.7 | 46.4 | 151        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 9    | 43     | 45     | 0.928     | -0.148    | 3.858 | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 48.6 | 151        | 145        | 0          | 33     | 34     |
| 2009 | 6     | 2   | 9    | 53     | 45     | 0.942     | -0.121    | 3.855 | 0.01      | 0.007     | 0         | 50.3 | 48.6 | 47.3 | 151        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 10   | 3      | 45     | 0.994     | -0.154    | 3.855 | 0.013     | 0.01      | 0         | 49.5 | 47.7 | 47.3 | 150        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 10   | 13     | 45     | 0.928     | -0.184    | 3.848 | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 45.2 | 152        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 10   | 23     | 45     | 0.919     | -0.197    | 3.842 | 0.01      | 0.007     | 0         | 50.3 | 48.2 | 43.9 | 151        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 10   | 33     | 45     | 0.951     | -0.121    | 3.839 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 46.4 | 152        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 10   | 43     | 45     | 1.001     | -0.138    | 3.839 | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 46   | 151        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 10   | 53     | 45     | 0.948     | -0.112    | 3.835 | 0.01      | 0.007     | 0         | 50.7 | 48.6 | 47.7 | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 11   | 3      | 45     | 0.915     | -0.144    | 3.835 | 0.013     | 0.01      | 0         | 49.9 | 47.7 | 49.9 | 151        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 11   | 13     | 45     | 0.886     | -0.154    | 3.832 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 48.6 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 11   | 23     | 45     | 0.942     | -0.144    | 3.832 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 47.7 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 11   | 33     | 45     | 0.955     | -0.115    | 3.832 | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 49.5 | 152        | 146        | 0          | 33     | 34     |
| 2009 | 6     | 2   | 11   | 43     | 45     | 0.951     | -0.164    | 3.829 | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 46.9 | 153        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 11   | 53     | 45     | 0.938     | -0.118    | 3.829 | 0.016     | 0.013     | 0         | 50.7 | 48.6 | 50.3 | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 12   | 3      | 45     | 0.919     | -0.108    | 3.829 | 0.013     | 0.01      | 0         | 50.3 | 48.6 | 53.3 | 152        | 146        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 12   | 13     | 45     | 0.958     | -0.177    | 3.829 | 0.01      | 0.007     | 0         | 50.3 | 48.2 | 51.2 | 152        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 12   | 23     | 45     | 0.915     | -0.128    | 3.825 | 0.013     | 0.01      | 0         | 51.6 | 49   | 49.9 | 154        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 12   | 33     | 45     | 0.892     | -0.157    | 3.822 | 0.01      | 0.007     | 0         | 51.6 | 49   | 49.5 | 154        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 12   | 43     | 45     | 0.942     | -0.177    | 3.822 | 0.013     | 0.01      | 0         | 52.9 | 49.9 | 52.5 | 156        | 150        | 0          | 33     | 34     |
| 2009 | 6     | 2   | 12   | 53     | 45     | 0.988     | -0.135    | 3.816 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 51.2 | 156        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 13   | 3      | 45     | 0.951     | -0.148    | 3.816 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 49   | 156        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 13   | 13     | 45     | 0.935     | -0.157    | 3.816 | 0.01      | 0.007     | 0         | 52   | 49.5 | 48.6 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 13   | 23     | 45     | 0.942     | -0.141    | 3.809 | 0.01      | 0.007     | 0         | 52   | 49.5 | 53.8 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 13   | 33     | 45     | 0.948     | -0.144    | 3.806 | 0.01      | 0.007     | 0         | 51.6 | 49.9 | 46.9 | 154        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 13   | 43     | 45     | 0.935     | -0.141    | 3.806 | 0.013     | 0.01      | 0         | 52   | 49.5 | 52.5 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 13   | 53     | 45     | 1.017     | -0.135    | 3.806 | 0.016     | 0.016     | 0         | 52   | 49.5 | 50.3 | 155        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 14   | 3      | 45     | 0.991     | -0.128    | 3.806 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 52   | 155        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 14   | 13     | 45     | 0.971     | -0.18     | 3.806 | 0.013     | 0.01      | 0         | 52   | 49.5 | 48.2 | 154        | 148        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 14   | 23     | 45     | 0.932     | -0.128    | 3.802 | 0.01      | 0.007     | 0         | 51.6 | 49.5 | 50.3 | 154        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 14   | 33     | 45     | 0.902     | -0.151    | 3.802 | 0.013     | 0.01      | 0         | 51.6 | 49.5 | 47.3 | 154        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 14   | 43     | 45     | 0.951     | -0.082    | 3.796 | 0.013     | 0.01      | 0         | 52   | 49.9 | 48.2 | 155        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 14   | 53     | 45     | 0.961     | -0.138    | 3.796 | 0.013     | 0.01      | 0         | 52   | 49.5 | 47.3 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 15   | 3      | 45     | 0.948     | -0.138    | 3.793 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 49   | 156        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 15   | 13     | 45     | 0.896     | -0.167    | 3.789 | 0.013     | 0.01      | 0         | 52.5 | 49.5 | 47.3 | 156        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 15   | 23     | 45     | 0.948     | -0.105    | 3.789 | 0.01      | 0.007     | 0         | 52   | 49.5 | 49.9 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 15   | 33     | 45     | 0.971     | -0.121    | 3.789 | 0.013     | 0.01      | 0         | 52   | 49.5 | 47.7 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 15   | 43     | 45     | 0.876     | -0.131    | 3.786 | 0.01      | 0.007     | 0         | 51.6 | 49.5 | 47.3 | 154        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 15   | 53     | 45     | 0.879     | -0.125    | 3.789 | 0.01      | 0.007     | 0         | 52.5 | 49   | 47.3 | 155        | 148        | 0          | 33     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 2   | 16   | 3      | 45     | 0.932     | -0.121    | 3.78  | 0.013     | 0.01      | 0         | 52   | 49.9 | 44.7 | 155        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 16   | 13     | 45     | 0.915     | -0.108    | 3.776 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 48.6 | 155        | 148        | 0          | 33     | 32     |
| 2009 | 6     | 2   | 16   | 23     | 45     | 0.866     | -0.105    | 3.773 | 0.013     | 0.01      | 0         | 51.6 | 49.5 | 45.6 | 154        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 16   | 33     | 45     | 0.906     | -0.138    | 3.773 | 0.013     | 0.01      | 0         | 51.6 | 49   | 47.7 | 154        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 16   | 43     | 45     | 0.892     | -0.115    | 3.77  | 0.016     | 0.013     | 0         | 51.6 | 49.5 | 47.3 | 154        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 16   | 53     | 45     | 0.922     | -0.115    | 3.77  | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 48.6 | 153        | 147        | 0          | 33     | 34     |
| 2009 | 6     | 2   | 17   | 3      | 45     | 0.915     | -0.125    | 3.77  | 0.016     | 0.013     | 0         | 52   | 49.5 | 49.5 | 155        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 17   | 13     | 45     | 0.896     | -0.135    | 3.766 | 0.013     | 0.01      | 0         | 52   | 49.5 | 50.7 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 17   | 23     | 45     | 0.984     | -0.115    | 3.766 | 0.01      | 0.007     | 0         | 52   | 49.5 | 48.2 | 155        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 17   | 33     | 45     | 0.978     | -0.128    | 3.766 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 53.8 | 155        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 17   | 43     | 45     | 0.928     | -0.095    | 3.763 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 47.3 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 17   | 53     | 45     | 0.909     | -0.115    | 3.763 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 46   | 156        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 18   | 3      | 45     | 0.928     | -0.095    | 3.763 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 51.2 | 157        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 18   | 13     | 45     | 0.899     | -0.141    | 3.757 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 47.7 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 18   | 23     | 45     | 0.902     | -0.095    | 3.757 | 0.013     | 0.01      | 0         | 52.9 | 50.7 | 47.3 | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 18   | 33     | 45     | 0.906     | -0.121    | 3.757 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 51.2 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 18   | 43     | 45     | 0.948     | -0.121    | 3.753 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 52.9 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 18   | 53     | 45     | 0.922     | -0.164    | 3.75  | 0.01      | 0.007     | 0         | 53.3 | 50.3 | 48.6 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 19   | 3      | 45     | 0.981     | -0.148    | 3.753 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 52.5 | 157        | 151        | 0          | 33     | 34     |
| 2009 | 6     | 2   | 19   | 13     | 45     | 0.879     | -0.144    | 3.75  | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 52.9 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 19   | 23     | 45     | 0.906     | -0.131    | 3.743 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 46   | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 19   | 33     | 45     | 0.922     | -0.128    | 3.74  | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 46.9 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 19   | 43     | 45     | 0.974     | -0.157    | 3.737 | 0.013     | 0.01      | 0         | 52   | 49.9 | 50.3 | 155        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 19   | 53     | 45     | 0.906     | -0.115    | 3.734 | 0.013     | 0.01      | 0         | 52   | 49.9 | 51.6 | 155        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 20   | 3      | 45     | 0.945     | -0.118    | 3.734 | 0.01      | 0.007     | 0         | 52   | 49.5 | 54.6 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 20   | 13     | 45     | 0.909     | -0.108    | 3.734 | 0.01      | 0.007     | 0         | 52   | 49.5 | 54.6 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 20   | 23     | 45     | 0.899     | -0.141    | 3.73  | 0.01      | 0.007     | 0         | 52.9 | 49.5 | 53.8 | 156        | 149        | 0          | 33     | 34     |
| 2009 | 6     | 2   | 20   | 33     | 45     | 0.945     | -0.135    | 3.727 | 0.013     | 0.01      | 0         | 52   | 49.5 | 52.9 | 155        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 20   | 43     | 45     | 0.883     | -0.115    | 3.727 | 0.016     | 0.013     | 0         | 52   | 49.9 | 54.6 | 155        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 20   | 53     | 45     | 1.02      | -0.112    | 3.727 | 0.01      | 0.007     | 0         | 51.6 | 49   | 54.2 | 154        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 21   | 3      | 45     | 0.919     | -0.135    | 3.727 | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 54.2 | 154        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 21   | 13     | 45     | 0.984     | -0.121    | 3.724 | 0.01      | 0.007     | 0         | 52   | 49   | 54.2 | 154        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 2   | 21   | 23     | 45     | 0.922     | -0.121    | 3.72  | 0.016     | 0.013     | 0         | 51.6 | 49   | 53.8 | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 21   | 33     | 45     | 0.922     | -0.135    | 3.72  | 0.013     | 0.01      | 0         | 51.6 | 49   | 52   | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 21   | 43     | 45     | 0.958     | -0.121    | 3.72  | 0.013     | 0.01      | 0         | 51.6 | 49   | 54.6 | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 21   | 53     | 45     | 0.912     | -0.148    | 3.72  | 0.013     | 0.01      | 0         | 51.6 | 49   | 48.2 | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 22   | 3      | 45     | 0.938     | -0.138    | 3.717 | 0.016     | 0.013     | 0         | 51.6 | 49   | 46.9 | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 22   | 13     | 45     | 0.965     | -0.128    | 3.717 | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 46   | 153        | 147        | 0          | 33     | 34     |
| 2009 | 6     | 2   | 22   | 23     | 45     | 0.896     | -0.164    | 3.717 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 49.5 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 22   | 33     | 45     | 0.928     | -0.121    | 3.714 | 0.016     | 0.013     | 0         | 51.2 | 48.6 | 51.6 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 22   | 43     | 45     | 0.915     | -0.098    | 3.714 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 48.6 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 22   | 53     | 45     | 0.856     | -0.079    | 3.714 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 49.5 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 23   | 3      | 45     | 0.86      | -0.066    | 3.711 | 0.013     | 0.01      | 0         | 51.2 | 49   | 50.7 | 153        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 23   | 13     | 45     | 0.889     | -0.112    | 3.711 | 0.016     | 0.013     | 0         | 51.2 | 48.6 | 45.6 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 23   | 23     | 45     | 0.896     | -0.148    | 3.707 | 0.01      | 0.007     | 0         | 51.2 | 49   | 49.9 | 153        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 23   | 33     | 45     | 0.919     | -0.151    | 3.707 | 0.016     | 0.013     | 0         | 51.6 | 49   | 45.2 | 154        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 23   | 43     | 45     | 0.925     | -0.115    | 3.704 | 0.01      | 0.007     | 0         | 51.2 | 49   | 45.2 | 153        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 23   | 53     | 45     | 0.978     | -0.118    | 3.701 | 0.016     | 0.013     | 0         | 51.2 | 48.2 | 44.7 | 153        | 146        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 3   | 0    | 3      | 45     | 0.853     | -0.082    | 3.698 | 0.013     | 0.01      | 0         | 51.6 | 49   | 43.9 | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 0    | 13     | 45     | 0.919     | -0.115    | 3.694 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 44.7 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 0    | 23     | 45     | 0.886     | -0.105    | 3.691 | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 44.3 | 152        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 0    | 33     | 45     | 0.912     | -0.141    | 3.688 | 0.01      | 0.007     | 0         | 50.7 | 48.6 | 44.7 | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 0    | 43     | 45     | 0.938     | -0.151    | 3.688 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 47.3 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 0    | 53     | 45     | 0.876     | -0.138    | 3.688 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 44.7 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 1    | 3      | 45     | 0.922     | -0.148    | 3.684 | 0.016     | 0.016     | 0         | 51.2 | 48.6 | 45.2 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 1    | 13     | 45     | 0.863     | -0.131    | 3.684 | 0.01      | 0.007     | 0         | 51.2 | 49   | 46.4 | 154        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 1    | 23     | 45     | 0.892     | -0.154    | 3.681 | 0.01      | 0.007     | 0         | 50.3 | 48.6 | 44.7 | 152        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 1    | 33     | 45     | 0.961     | -0.092    | 3.681 | 0.013     | 0.01      | 0         | 51.6 | 49.5 | 45.2 | 154        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 1    | 43     | 45     | 0.981     | -0.118    | 3.678 | 0.013     | 0.01      | 0         | 51.2 | 49   | 46   | 153        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 1    | 53     | 45     | 0.912     | -0.131    | 3.678 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 45.6 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 2    | 3      | 45     | 0.919     | -0.18     | 3.678 | 0.013     | 0.01      | 0         | 50.7 | 48.6 | 46.9 | 153        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 2    | 13     | 45     | 0.889     | -0.098    | 3.678 | 0.01      | 0.007     | 0         | 51.6 | 49   | 51.6 | 154        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 2    | 23     | 45     | 0.965     | -0.135    | 3.675 | 0.01      | 0.007     | 0         | 51.6 | 49.5 | 46.4 | 154        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 2    | 33     | 45     | 0.942     | -0.161    | 3.675 | 0.013     | 0.01      | 0         | 52   | 48.6 | 45.6 | 154        | 147        | 0          | 33     | 34     |
| 2009 | 6     | 3   | 2    | 43     | 45     | 0.853     | -0.157    | 3.675 | 0.016     | 0.013     | 0         | 51.6 | 49   | 46.4 | 154        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 2    | 53     | 45     | 0.876     | -0.154    | 3.675 | 0.013     | 0.01      | 0         | 50.7 | 49   | 45.6 | 153        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 3    | 3      | 45     | 0.856     | -0.108    | 3.671 | 0.016     | 0.013     | 0         | 50.7 | 48.6 | 46   | 153        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 3    | 13     | 45     | 0.935     | -0.131    | 3.671 | 0.016     | 0.013     | 0         | 51.2 | 48.6 | 46   | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 3    | 23     | 45     | 0.928     | -0.135    | 3.671 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 45.2 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 3    | 33     | 45     | 0.866     | -0.112    | 3.671 | 0.013     | 0.01      | 0         | 50.7 | 48.6 | 46   | 153        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 3    | 43     | 45     | 0.912     | -0.141    | 3.668 | 0.013     | 0.01      | 0         | 51.6 | 49   | 46.9 | 154        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 3    | 53     | 45     | 0.922     | -0.174    | 3.668 | 0.016     | 0.013     | 0         | 51.2 | 49   | 46.4 | 154        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 4    | 3      | 45     | 0.876     | -0.092    | 3.668 | 0.013     | 0.01      | 0         | 51.6 | 49   | 46.4 | 154        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 4    | 13     | 45     | 0.902     | -0.144    | 3.665 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 46.9 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 4    | 23     | 45     | 0.919     | -0.085    | 3.665 | 0.013     | 0.01      | 0         | 51.2 | 49   | 47.3 | 154        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 4    | 33     | 45     | 0.886     | -0.118    | 3.665 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 46   | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 4    | 43     | 45     | 0.896     | -0.121    | 3.661 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 46   | 153        | 148        | 0          | 34     | 35     |
| 2009 | 6     | 3   | 4    | 53     | 45     | 0.935     | -0.154    | 3.661 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 45.2 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 5    | 3      | 45     | 0.902     | -0.128    | 3.661 | 0.016     | 0.016     | 0         | 51.2 | 48.6 | 46   | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 5    | 13     | 45     | 0.869     | -0.112    | 3.661 | 0.013     | 0.01      | 0         | 51.2 | 49   | 46.4 | 154        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 5    | 23     | 45     | 0.928     | -0.154    | 3.658 | 0.013     | 0.01      | 0         | 51.2 | 49.5 | 44.3 | 154        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 5    | 33     | 45     | 0.886     | -0.128    | 3.655 | 0.01      | 0.007     | 0         | 52   | 49.5 | 44.3 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 5    | 43     | 45     | 0.896     | -0.164    | 3.655 | 0.013     | 0.01      | 0         | 51.6 | 49.5 | 45.2 | 154        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 5    | 53     | 45     | 0.919     | -0.154    | 3.652 | 0.016     | 0.013     | 0         | 51.6 | 49.9 | 42.1 | 155        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 6    | 3      | 45     | 0.945     | -0.144    | 3.645 | 0.013     | 0.01      | 0         | 52   | 49.5 | 43.4 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 6    | 13     | 45     | 0.883     | -0.121    | 3.645 | 0.013     | 0.01      | 0         | 51.6 | 49.9 | 43.9 | 155        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 6    | 23     | 45     | 0.804     | -0.144    | 3.642 | 0.016     | 0.016     | 0         | 52   | 49.5 | 44.7 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 6    | 33     | 45     | 0.879     | -0.121    | 3.642 | 0.016     | 0.013     | 0         | 51.6 | 49   | 44.3 | 154        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 6    | 43     | 45     | 0.942     | -0.154    | 3.642 | 0.016     | 0.013     | 0         | 51.2 | 49   | 44.7 | 154        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 6    | 53     | 45     | 0.876     | -0.138    | 3.638 | 0.01      | 0.007     | 0         | 51.6 | 49   | 43.4 | 154        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 7    | 3      | 45     | 0.896     | -0.203    | 3.638 | 0.01      | 0.007     | 0         | 51.6 | 49   | 45.2 | 154        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 7    | 13     | 45     | 0.915     | -0.164    | 3.638 | 0.013     | 0.01      | 0         | 51.2 | 49   | 44.7 | 154        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 7    | 23     | 45     | 0.935     | -0.121    | 3.638 | 0.013     | 0.01      | 0         | 51.6 | 49   | 47.7 | 154        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 7    | 33     | 45     | 0.909     | -0.171    | 3.635 | 0.01      | 0.007     | 0         | 51.6 | 49   | 48.2 | 154        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 7    | 43     | 45     | 0.84      | -0.138    | 3.635 | 0.013     | 0.01      | 0         | 51.6 | 49   | 46.9 | 154        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 7    | 53     | 45     | 0.883     | -0.141    | 3.635 | 0.01      | 0.007     | 0         | 51.6 | 49.5 | 45.2 | 154        | 148        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 3   | 8    | 3      | 45     | 0.938     | -0.151    | 3.632 | 0.016     | 0.013     | 0         | 51.6 | 49   | 44.7 | 154        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 8    | 13     | 45     | 0.85      | -0.121    | 3.632 | 0.013     | 0.01      | 0         | 51.6 | 49   | 46.4 | 154        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 8    | 23     | 45     | 0.932     | -0.148    | 3.632 | 0.013     | 0.01      | 0         | 52   | 49   | 44.7 | 155        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 8    | 33     | 45     | 0.942     | -0.131    | 3.632 | 0.013     | 0.01      | 0         | 51.2 | 49   | 49.5 | 154        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 8    | 43     | 45     | 0.869     | -0.138    | 3.629 | 0.013     | 0.01      | 0         | 52   | 49.5 | 45.2 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 8    | 53     | 45     | 0.853     | -0.154    | 3.629 | 0.01      | 0.007     | 0         | 51.2 | 49   | 45.2 | 154        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 9    | 3      | 45     | 0.883     | -0.151    | 3.629 | 0.013     | 0.01      | 0         | 51.6 | 49   | 47.3 | 154        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 9    | 13     | 45     | 0.925     | -0.164    | 3.629 | 0.01      | 0.007     | 0         | 51.2 | 49   | 45.6 | 154        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 9    | 23     | 45     | 0.909     | -0.18     | 3.629 | 0.01      | 0.007     | 0         | 51.6 | 49.5 | 55.5 | 154        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 9    | 33     | 45     | 0.863     | -0.138    | 3.625 | 0.02      | 0.016     | 0         | 51.6 | 49.5 | 49.9 | 155        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 9    | 43     | 45     | 0.876     | -0.121    | 3.625 | 0.013     | 0.01      | 0         | 52   | 50.7 | 51.2 | 156        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 9    | 53     | 45     | 0.902     | -0.121    | 3.622 | 0.013     | 0.01      | 0         | 54.6 | 52   | 44.3 | 161        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 10   | 3      | 45     | 0.827     | -0.135    | 3.625 | 0.01      | 0.007     | 0         | 55   | 52.5 | 43.4 | 162        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 10   | 13     | 45     | 0.869     | -0.089    | 3.625 | 0.01      | 0.007     | 0         | 53.8 | 51.6 | 44.7 | 160        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 10   | 23     | 45     | 0.912     | -0.135    | 3.622 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 44.3 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 10   | 33     | 45     | 0.932     | -0.141    | 3.622 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 45.6 | 159        | 153        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 10   | 43     | 45     | 0.886     | -0.121    | 3.622 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 45.2 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 10   | 53     | 45     | 0.804     | -0.033    | 3.622 | 0.01      | 0.007     | 0         | 53.3 | 50.7 | 43.9 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 11   | 3      | 45     | 0.725     | -0.046    | 3.619 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 45.6 | 158        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 11   | 13     | 45     | 0.787     | -0.033    | 3.619 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 43.9 | 157        | 151        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 11   | 23     | 45     | 0.869     | -0.095    | 3.615 | 0.013     | 0.01      | 0         | 52.9 | 49.9 | 44.7 | 157        | 151        | 0          | 34     | 35     |
| 2009 | 6     | 3   | 11   | 33     | 45     | 0.774     | -0.062    | 3.615 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 44.3 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 11   | 43     | 45     | 0.758     | -0.03     | 3.612 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 43.9 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 11   | 53     | 45     | 0.807     | -0.066    | 3.609 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 43   | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 12   | 3      | 45     | 0.784     | -0.102    | 3.606 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 45.2 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 12   | 13     | 45     | 0.778     | -0.046    | 3.602 | 0.013     | 0.01      | 0         | 52.5 | 49.5 | 44.3 | 156        | 150        | 0          | 34     | 35     |
| 2009 | 6     | 3   | 12   | 23     | 45     | 0.791     | -0.079    | 3.602 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 44.3 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 12   | 33     | 45     | 0.807     | -0.069    | 3.602 | 0.016     | 0.013     | 0         | 52   | 49.9 | 44.7 | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 12   | 43     | 45     | 0.778     | -0.049    | 3.599 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 46   | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 12   | 53     | 45     | 0.883     | -0.154    | 3.599 | 0.013     | 0.01      | 0         | 52   | 49.9 | 44.7 | 155        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 13   | 3      | 45     | 0.843     | -0.144    | 3.599 | 0.013     | 0.01      | 0         | 51.6 | 49.5 | 44.7 | 155        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 13   | 13     | 45     | 0.928     | -0.138    | 3.596 | 0.016     | 0.016     | 0         | 52   | 49.5 | 46   | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 13   | 23     | 45     | 0.866     | -0.171    | 3.596 | 0.013     | 0.01      | 0         | 52   | 49.5 | 45.6 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 13   | 33     | 45     | 0.856     | -0.102    | 3.596 | 0.013     | 0.01      | 0         | 52   | 49.5 | 55.9 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 13   | 43     | 45     | 0.873     | -0.174    | 3.596 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 48.2 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 13   | 53     | 45     | 0.925     | -0.144    | 3.596 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 47.3 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 14   | 3      | 45     | 0.873     | -0.115    | 3.596 | 0.016     | 0.013     | 0         | 52   | 49.9 | 47.3 | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 14   | 13     | 45     | 0.843     | -0.128    | 3.599 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 45.6 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 14   | 23     | 45     | 0.909     | -0.164    | 3.599 | 0.016     | 0.013     | 0         | 52.9 | 50.7 | 45.2 | 158        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 14   | 33     | 45     | 0.896     | -0.108    | 3.593 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 47.7 | 158        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 14   | 43     | 45     | 0.84      | -0.121    | 3.593 | 0.01      | 0.007     | 0         | 53.3 | 50.3 | 50.3 | 158        | 152        | 0          | 34     | 35     |
| 2009 | 6     | 3   | 14   | 53     | 45     | 0.886     | -0.138    | 3.593 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 44.7 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 15   | 3      | 45     | 0.902     | -0.154    | 3.593 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 52   | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 15   | 13     | 45     | 0.886     | -0.161    | 3.589 | 0.01      | 0.007     | 0         | 52   | 50.3 | 45.6 | 156        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 15   | 23     | 45     | 0.892     | -0.138    | 3.589 | 0.01      | 0.007     | 0         | 52.9 | 50.7 | 48.2 | 158        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 15   | 33     | 45     | 0.837     | -0.108    | 3.589 | 0.01      | 0.007     | 0         | 52.9 | 50.7 | 50.7 | 158        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 15   | 43     | 45     | 0.846     | -0.089    | 3.586 | 0.013     | 0.01      | 0         | 52.5 | 50.7 | 46.9 | 157        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 15   | 53     | 45     | 0.873     | -0.092    | 3.589 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 51.6 | 157        | 151        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 3   | 16   | 3      | 45     | 0.876     | -0.105    | 3.589 | 0.013     | 0.01      | 0         | 52.5 | 50.7 | 54.6 | 157        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 16   | 13     | 45     | 0.896     | -0.115    | 3.586 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 49   | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 16   | 23     | 45     | 0.922     | -0.121    | 3.586 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 48.2 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 16   | 33     | 45     | 0.873     | -0.098    | 3.586 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 46   | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 16   | 43     | 45     | 0.922     | -0.131    | 3.586 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 45.2 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 16   | 53     | 45     | 0.902     | -0.102    | 3.586 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 47.3 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 17   | 3      | 45     | 0.896     | -0.154    | 3.586 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 43.4 | 159        | 154        | 0          | 33     | 34     |
| 2009 | 6     | 3   | 17   | 13     | 45     | 0.82      | -0.135    | 3.586 | 0.01      | 0.007     | 0         | 53.3 | 51.6 | 43.4 | 159        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 17   | 23     | 45     | 0.85      | -0.125    | 3.586 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 44.7 | 159        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 17   | 33     | 45     | 0.866     | -0.098    | 3.586 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 44.3 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 17   | 43     | 45     | 0.86      | -0.135    | 3.586 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 44.7 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 17   | 53     | 45     | 0.883     | -0.095    | 3.583 | 0.01      | 0.007     | 0         | 53.3 | 51.2 | 43.9 | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 18   | 3      | 45     | 0.833     | -0.069    | 3.583 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 44.7 | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 18   | 13     | 45     | 0.899     | -0.141    | 3.583 | 0.013     | 0.01      | 0         | 52.9 | 50.7 | 44.3 | 158        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 18   | 23     | 45     | 0.853     | -0.102    | 3.583 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 45.2 | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 18   | 33     | 45     | 0.899     | -0.148    | 3.583 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 45.2 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 18   | 43     | 45     | 0.863     | -0.089    | 3.583 | 0.01      | 0.007     | 0         | 52.9 | 50.7 | 44.7 | 158        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 18   | 53     | 45     | 0.892     | -0.135    | 3.583 | 0.01      | 0.007     | 0         | 52.5 | 50.7 | 44.7 | 157        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 19   | 3      | 45     | 0.86      | -0.105    | 3.583 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 44.3 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 19   | 13     | 45     | 0.85      | -0.115    | 3.579 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 44.7 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 19   | 23     | 45     | 0.892     | -0.112    | 3.579 | 0.013     | 0.01      | 0         | 52   | 49.5 | 45.2 | 156        | 150        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 19   | 33     | 45     | 0.892     | -0.167    | 3.579 | 0.013     | 0.01      | 0         | 51.6 | 49.5 | 44.7 | 155        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 19   | 43     | 45     | 0.892     | -0.115    | 3.576 | 0.013     | 0.01      | 0         | 51.6 | 49.5 | 44.3 | 155        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 19   | 53     | 45     | 0.817     | -0.075    | 3.576 | 0.013     | 0.01      | 0         | 52   | 49.5 | 45.2 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 20   | 3      | 45     | 0.81      | -0.138    | 3.576 | 0.013     | 0.01      | 0         | 51.2 | 49.5 | 44.7 | 154        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 20   | 13     | 45     | 0.732     | -0.039    | 3.576 | 0.016     | 0.013     | 0         | 52   | 49.5 | 43.4 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 20   | 23     | 45     | 0.814     | -0.121    | 3.573 | 0.013     | 0.01      | 0         | 52   | 49.5 | 44.7 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 20   | 33     | 45     | 0.863     | -0.079    | 3.573 | 0.013     | 0.01      | 0         | 51.6 | 49.5 | 44.7 | 154        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 20   | 43     | 45     | 0.735     | -0.039    | 3.573 | 0.01      | 0.007     | 0         | 51.2 | 49.5 | 43   | 154        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 20   | 53     | 45     | 0.738     | -0.046    | 3.57  | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 44.3 | 154        | 148        | 0          | 34     | 35     |
| 2009 | 6     | 3   | 21   | 3      | 45     | 0.843     | -0.164    | 3.57  | 0.013     | 0.01      | 0         | 51.2 | 49   | 43.9 | 153        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 21   | 13     | 45     | 0.807     | -0.121    | 3.566 | 0.016     | 0.013     | 0         | 50.7 | 48.2 | 42.6 | 153        | 147        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 21   | 23     | 45     | 0.863     | -0.121    | 3.563 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 42.6 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 21   | 33     | 45     | 0.692     | -0.056    | 3.563 | 0.01      | 0.007     | 0         | 50.7 | 49   | 43.4 | 153        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 21   | 43     | 45     | 0.846     | -0.075    | 3.56  | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 43.4 | 153        | 147        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 21   | 53     | 45     | 0.735     | -0.033    | 3.56  | 0.016     | 0.013     | 0         | 50.7 | 48.6 | 43   | 153        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 22   | 3      | 45     | 0.778     | -0.043    | 3.556 | 0.01      | 0.007     | 0         | 50.7 | 48.6 | 44.3 | 152        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 22   | 13     | 45     | 0.728     | -0.092    | 3.556 | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 43.9 | 153        | 147        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 22   | 23     | 45     | 0.837     | -0.089    | 3.553 | 0.013     | 0.01      | 0         | 50.7 | 48.6 | 43.4 | 152        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 22   | 33     | 45     | 0.682     | -0.039    | 3.553 | 0.016     | 0.013     | 0         | 50.3 | 48.6 | 43.9 | 152        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 22   | 43     | 45     | 0.83      | -0.112    | 3.553 | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 43.9 | 153        | 147        | 0          | 33     | 34     |
| 2009 | 6     | 3   | 22   | 53     | 45     | 0.827     | -0.085    | 3.553 | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 43.4 | 152        | 146        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 23   | 3      | 45     | 0.86      | -0.148    | 3.55  | 0.013     | 0.01      | 0         | 49.9 | 48.2 | 45.2 | 151        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 23   | 13     | 45     | 0.814     | -0.092    | 3.55  | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 45.6 | 152        | 147        | 0          | 34     | 35     |
| 2009 | 6     | 3   | 23   | 23     | 45     | 0.758     | -0.079    | 3.55  | 0.016     | 0.013     | 0         | 50.7 | 48.6 | 44.7 | 153        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 23   | 33     | 45     | 0.709     | -0.082    | 3.55  | 0.016     | 0.013     | 0         | 50.3 | 48.6 | 44.3 | 152        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 23   | 43     | 45     | 0.778     | -0.085    | 3.547 | 0.013     | 0.01      | 0         | 50.3 | 48.2 | 45.2 | 152        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 23   | 53     | 45     | 0.755     | -0.112    | 3.55  | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 45.2 | 152        | 146        | 0          | 35     | 35     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 4   | 0    | 3      | 45     | 0.823     | -0.089    | 3.547 | 0.013     | 0.01      | 0         | 50.3 | 48.2 | 43.9 | 151        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 0    | 13     | 45     | 0.745     | -0.066    | 3.547 | 0.013     | 0.01      | 0         | 50.3 | 48.2 | 45.6 | 152        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 0    | 23     | 45     | 0.863     | -0.128    | 3.547 | 0.013     | 0.01      | 0         | 49.9 | 48.2 | 45.6 | 151        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 0    | 33     | 45     | 0.866     | -0.105    | 3.547 | 0.01      | 0.007     | 0         | 49.9 | 48.2 | 45.6 | 151        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 0    | 43     | 45     | 0.876     | -0.141    | 3.543 | 0.013     | 0.01      | 0         | 49.9 | 48.2 | 45.2 | 151        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 0    | 53     | 45     | 0.856     | -0.135    | 3.543 | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 44.3 | 151        | 146        | 0          | 34     | 35     |
| 2009 | 6     | 4   | 1    | 3      | 45     | 0.853     | -0.115    | 3.543 | 0.01      | 0.007     | 0         | 50.3 | 48.2 | 45.6 | 152        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 1    | 13     | 45     | 0.909     | -0.135    | 3.543 | 0.016     | 0.016     | 0         | 49.5 | 47.7 | 45.6 | 150        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 1    | 23     | 45     | 0.817     | -0.092    | 3.543 | 0.013     | 0.01      | 0         | 49.9 | 48.2 | 44.7 | 151        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 1    | 33     | 45     | 0.758     | -0.049    | 3.54  | 0.013     | 0.01      | 0         | 49.9 | 47.7 | 44.7 | 151        | 146        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 1    | 43     | 45     | 0.84      | -0.161    | 3.54  | 0.016     | 0.013     | 0         | 49.9 | 47.7 | 46.4 | 151        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 1    | 53     | 45     | 0.856     | -0.118    | 3.54  | 0.016     | 0.013     | 0         | 50.3 | 48.2 | 46   | 151        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 2    | 3      | 45     | 0.892     | -0.121    | 3.54  | 0.013     | 0.01      | 0         | 49.5 | 48.2 | 45.6 | 151        | 146        | 0          | 36     | 34     |
| 2009 | 6     | 4   | 2    | 13     | 45     | 0.817     | -0.135    | 3.54  | 0.013     | 0.01      | 0         | 49.9 | 48.2 | 46   | 151        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 2    | 23     | 45     | 0.853     | -0.108    | 3.54  | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 45.6 | 151        | 146        | 0          | 34     | 35     |
| 2009 | 6     | 4   | 2    | 33     | 45     | 0.771     | -0.075    | 3.54  | 0.016     | 0.016     | 0         | 50.3 | 48.2 | 45.6 | 152        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 2    | 43     | 45     | 0.823     | -0.062    | 3.537 | 0.013     | 0.01      | 0         | 50.3 | 48.2 | 45.6 | 151        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 2    | 53     | 45     | 0.712     | -0.066    | 3.537 | 0.016     | 0.013     | 0         | 49.9 | 48.2 | 45.6 | 151        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 3    | 3      | 45     | 0.696     | -0.043    | 3.537 | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 46.4 | 151        | 146        | 0          | 34     | 35     |
| 2009 | 6     | 4   | 3    | 13     | 45     | 0.787     | -0.092    | 3.537 | 0.013     | 0.01      | 0         | 49.9 | 48.2 | 46.9 | 151        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 3    | 23     | 45     | 0.833     | -0.138    | 3.537 | 0.013     | 0.01      | 0         | 50.3 | 48.2 | 46   | 151        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 3    | 33     | 45     | 0.856     | -0.121    | 3.537 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 45.2 | 151        | 145        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 3    | 43     | 45     | 0.725     | -0.03     | 3.537 | 0.01      | 0.007     | 0         | 50.3 | 48.2 | 44.7 | 152        | 147        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 3    | 53     | 45     | 0.738     | -0.059    | 3.537 | 0.013     | 0.01      | 0         | 49.9 | 47.7 | 46   | 151        | 146        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 4    | 3      | 45     | 0.83      | -0.105    | 3.533 | 0.013     | 0.01      | 0         | 49.9 | 47.7 | 46   | 151        | 146        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 4    | 13     | 45     | 0.846     | -0.098    | 3.533 | 0.016     | 0.013     | 0         | 49.9 | 47.7 | 45.2 | 151        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 4    | 23     | 45     | 0.82      | -0.125    | 3.533 | 0.016     | 0.016     | 0         | 50.3 | 47.7 | 47.3 | 151        | 146        | 0          | 34     | 35     |
| 2009 | 6     | 4   | 4    | 33     | 45     | 0.764     | -0.075    | 3.533 | 0.016     | 0.013     | 0         | 50.3 | 47.7 | 45.2 | 151        | 146        | 0          | 34     | 35     |
| 2009 | 6     | 4   | 4    | 43     | 45     | 0.883     | -0.171    | 3.533 | 0.01      | 0.007     | 0         | 49.9 | 48.2 | 45.2 | 151        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 4    | 53     | 45     | 0.771     | -0.082    | 3.533 | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 45.6 | 151        | 146        | 0          | 34     | 35     |
| 2009 | 6     | 4   | 5    | 3      | 45     | 0.827     | -0.128    | 3.53  | 0.01      | 0.007     | 0         | 49.9 | 47.7 | 45.6 | 151        | 146        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 5    | 13     | 45     | 0.817     | -0.118    | 3.53  | 0.013     | 0.01      | 0         | 50.3 | 48.2 | 46.9 | 152        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 5    | 23     | 45     | 0.82      | -0.131    | 3.53  | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 45.6 | 152        | 147        | 0          | 34     | 35     |
| 2009 | 6     | 4   | 5    | 33     | 45     | 0.902     | -0.092    | 3.53  | 0.02      | 0.016     | 0         | 49.9 | 48.2 | 45.6 | 151        | 147        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 5    | 43     | 45     | 0.771     | -0.072    | 3.53  | 0.016     | 0.013     | 0         | 50.7 | 48.2 | 46.4 | 153        | 147        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 5    | 53     | 45     | 0.778     | -0.082    | 3.53  | 0.013     | 0.01      | 0         | 50.7 | 48.6 | 45.2 | 152        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 6    | 3      | 45     | 0.709     | -0.026    | 3.53  | 0.01      | 0.007     | 0         | 50.7 | 48.6 | 46.4 | 152        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 6    | 13     | 45     | 0.814     | -0.118    | 3.53  | 0.01      | 0.007     | 0         | 50.3 | 48.6 | 45.6 | 152        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 6    | 23     | 45     | 0.712     | -0.046    | 3.53  | 0.01      | 0.007     | 0         | 50.3 | 48.6 | 46   | 152        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 6    | 33     | 45     | 0.869     | -0.125    | 3.53  | 0.016     | 0.016     | 0         | 49.9 | 47.7 | 44.7 | 151        | 146        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 6    | 43     | 45     | 0.781     | -0.082    | 3.527 | 0.013     | 0.01      | 0         | 49.9 | 47.7 | 45.6 | 151        | 146        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 6    | 53     | 45     | 0.719     | -0.052    | 3.527 | 0.01      | 0.007     | 0         | 50.3 | 48.2 | 44.7 | 152        | 147        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 7    | 3      | 45     | 0.676     | -0.052    | 3.527 | 0.01      | 0.007     | 0         | 49.9 | 47.7 | 46   | 151        | 146        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 7    | 13     | 45     | 0.853     | -0.089    | 3.527 | 0.016     | 0.013     | 0         | 49.9 | 47.3 | 46.9 | 151        | 145        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 7    | 23     | 45     | 0.764     | -0.049    | 3.527 | 0.016     | 0.013     | 0         | 49.9 | 47.3 | 44.3 | 150        | 145        | 0          | 34     | 35     |
| 2009 | 6     | 4   | 7    | 33     | 45     | 0.823     | -0.118    | 3.527 | 0.016     | 0.013     | 0         | 49.9 | 47.7 | 46.4 | 151        | 146        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 7    | 43     | 45     | 0.781     | -0.075    | 3.527 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 46.4 | 151        | 145        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 7    | 53     | 45     | 0.866     | -0.138    | 3.527 | 0.01      | 0.007     | 0         | 49.9 | 47.7 | 45.6 | 150        | 146        | 0          | 34     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 4   | 8    | 3      | 45     | 0.866     | -0.108    | 3.524 | 0.013     | 0.01      | 0         | 49.5 | 47.3 | 45.2 | 150        | 145        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 8    | 13     | 45     | 0.817     | -0.105    | 3.527 | 0.016     | 0.013     | 0         | 50.3 | 48.2 | 45.6 | 151        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 8    | 23     | 45     | 0.863     | -0.108    | 3.524 | 0.013     | 0.01      | 0         | 49.5 | 47.3 | 45.2 | 150        | 145        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 8    | 33     | 45     | 0.886     | -0.164    | 3.524 | 0.013     | 0.01      | 0         | 50.3 | 48.2 | 45.6 | 151        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 8    | 43     | 45     | 0.84      | -0.141    | 3.524 | 0.013     | 0.01      | 0         | 49.9 | 48.2 | 46   | 151        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 8    | 53     | 45     | 0.866     | -0.131    | 3.524 | 0.01      | 0.007     | 0         | 50.3 | 48.2 | 45.6 | 152        | 147        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 9    | 3      | 45     | 0.876     | -0.154    | 3.524 | 0.016     | 0.013     | 0         | 50.7 | 48.2 | 46.9 | 152        | 147        | 0          | 34     | 35     |
| 2009 | 6     | 4   | 9    | 13     | 45     | 0.892     | -0.154    | 3.524 | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 44.7 | 152        | 147        | 0          | 35     | 36     |
| 2009 | 6     | 4   | 9    | 23     | 45     | 0.823     | -0.184    | 3.524 | 0.016     | 0.016     | 0         | 50.3 | 48.2 | 45.6 | 152        | 147        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 9    | 33     | 45     | 0.876     | -0.161    | 3.524 | 0.01      | 0.007     | 0         | 50.3 | 48.2 | 46.4 | 152        | 147        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 9    | 43     | 45     | 0.883     | -0.121    | 3.52  | 0.013     | 0.01      | 0         | 50.3 | 48.2 | 44.7 | 152        | 147        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 9    | 53     | 45     | 0.853     | -0.161    | 3.52  | 0.013     | 0.01      | 0         | 50.7 | 48.6 | 45.2 | 153        | 148        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 10   | 3      | 45     | 0.876     | -0.177    | 3.52  | 0.013     | 0.01      | 0         | 50.3 | 48.6 | 43.9 | 152        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 10   | 13     | 45     | 0.866     | -0.121    | 3.52  | 0.013     | 0.01      | 0         | 50.3 | 48.6 | 43.4 | 152        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 10   | 23     | 45     | 0.84      | -0.135    | 3.52  | 0.01      | 0.007     | 0         | 49.9 | 48.2 | 43.9 | 152        | 147        | 0          | 36     | 35     |
| 2009 | 6     | 4   | 10   | 33     | 45     | 0.899     | -0.144    | 3.52  | 0.01      | 0.007     | 0         | 50.3 | 48.6 | 43   | 152        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 10   | 43     | 45     | 0.906     | -0.174    | 3.517 | 0.013     | 0.01      | 0         | 50.7 | 48.6 | 44.3 | 153        | 148        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 10   | 53     | 45     | 0.902     | -0.148    | 3.517 | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 44.3 | 153        | 147        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 11   | 3      | 45     | 0.889     | -0.161    | 3.514 | 0.013     | 0.01      | 0         | 50.3 | 48.2 | 44.3 | 153        | 147        | 0          | 36     | 35     |
| 2009 | 6     | 4   | 11   | 13     | 45     | 0.869     | -0.125    | 3.514 | 0.013     | 0.01      | 0         | 50.3 | 48.2 | 44.7 | 152        | 147        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 11   | 23     | 45     | 0.876     | -0.135    | 3.51  | 0.013     | 0.01      | 0         | 50.7 | 48.6 | 45.2 | 153        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 11   | 33     | 45     | 0.902     | -0.177    | 3.51  | 0.016     | 0.013     | 0         | 50.7 | 48.2 | 43.9 | 152        | 147        | 0          | 34     | 35     |
| 2009 | 6     | 4   | 11   | 43     | 45     | 0.814     | -0.174    | 3.51  | 0.016     | 0.013     | 0         | 50.7 | 48.2 | 43.9 | 153        | 147        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 11   | 53     | 45     | 0.856     | -0.187    | 3.507 | 0.016     | 0.013     | 0         | 50.7 | 48.2 | 43.9 | 153        | 147        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 12   | 3      | 45     | 0.801     | -0.131    | 3.507 | 0.013     | 0.01      | 0         | 50.7 | 49   | 46.4 | 153        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 12   | 13     | 45     | 0.879     | -0.141    | 3.507 | 0.013     | 0.01      | 0         | 50.7 | 49   | 43.9 | 153        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 12   | 23     | 45     | 0.876     | -0.125    | 3.507 | 0.01      | 0.007     | 0         | 50.7 | 49   | 44.3 | 153        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 12   | 33     | 45     | 0.768     | -0.138    | 3.507 | 0.01      | 0.007     | 0         | 50.7 | 49   | 44.3 | 153        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 12   | 43     | 45     | 0.902     | -0.151    | 3.507 | 0.013     | 0.01      | 0         | 51.2 | 49   | 45.2 | 153        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 12   | 53     | 45     | 0.873     | -0.144    | 3.507 | 0.016     | 0.013     | 0         | 51.2 | 48.6 | 44.7 | 153        | 148        | 0          | 34     | 35     |
| 2009 | 6     | 4   | 13   | 3      | 45     | 0.83      | -0.128    | 3.507 | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 45.6 | 153        | 147        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 13   | 13     | 45     | 0.804     | -0.138    | 3.507 | 0.016     | 0.013     | 0         | 50.7 | 49   | 45.2 | 153        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 13   | 23     | 45     | 0.807     | -0.125    | 3.507 | 0.013     | 0.01      | 0         | 51.6 | 49   | 49.9 | 154        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 13   | 33     | 45     | 0.876     | -0.148    | 3.51  | 0.016     | 0.013     | 0         | 51.6 | 49.5 | 45.6 | 155        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 13   | 43     | 45     | 0.912     | -0.138    | 3.51  | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 47.7 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 13   | 53     | 45     | 0.856     | -0.157    | 3.51  | 0.013     | 0.01      | 0         | 52.5 | 50.7 | 49   | 157        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 14   | 3      | 45     | 0.846     | -0.118    | 3.51  | 0.013     | 0.01      | 0         | 52.9 | 50.7 | 49   | 157        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 14   | 13     | 45     | 0.876     | -0.112    | 3.51  | 0.013     | 0.01      | 0         | 52.5 | 50.7 | 47.7 | 157        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 14   | 23     | 45     | 0.837     | -0.102    | 3.51  | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 47.7 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 14   | 33     | 45     | 0.863     | -0.125    | 3.51  | 0.02      | 0.016     | 0         | 52.9 | 50.7 | 46.4 | 158        | 153        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 14   | 43     | 45     | 0.784     | -0.128    | 3.51  | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 47.3 | 158        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 14   | 53     | 45     | 0.85      | -0.102    | 3.51  | 0.013     | 0.01      | 0         | 52.9 | 51.2 | 46.9 | 158        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 15   | 3      | 45     | 0.82      | -0.128    | 3.507 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 47.7 | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 15   | 13     | 45     | 0.866     | -0.128    | 3.51  | 0.01      | 0.007     | 0         | 53.8 | 50.7 | 45.6 | 159        | 153        | 0          | 34     | 35     |
| 2009 | 6     | 4   | 15   | 23     | 45     | 0.85      | -0.138    | 3.51  | 0.016     | 0.013     | 0         | 53.3 | 51.6 | 46.4 | 159        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 15   | 33     | 45     | 0.85      | -0.108    | 3.504 | 0.013     | 0.01      | 0         | 53.3 | 51.6 | 44.7 | 159        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 15   | 43     | 45     | 0.866     | -0.095    | 3.504 | 0.013     | 0.01      | 0         | 54.2 | 52   | 46.4 | 160        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 15   | 53     | 45     | 0.797     | -0.131    | 3.507 | 0.016     | 0.013     | 0         | 54.6 | 52   | 45.2 | 161        | 155        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 4   | 16   | 3      | 45     | 0.833     | -0.144    | 3.504 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 46.4 | 161        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 16   | 13     | 45     | 0.883     | -0.121    | 3.507 | 0.013     | 0.01      | 0         | 53.8 | 52   | 44.3 | 160        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 16   | 23     | 45     | 0.791     | -0.154    | 3.507 | 0.013     | 0.01      | 0         | 53.8 | 52   | 47.7 | 160        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 16   | 33     | 45     | 0.771     | -0.141    | 3.504 | 0.013     | 0.01      | 0         | 54.6 | 52   | 45.6 | 161        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 16   | 43     | 45     | 0.915     | -0.125    | 3.51  | 0.016     | 0.013     | 0         | 54.2 | 52   | 43.9 | 160        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 16   | 53     | 45     | 0.843     | -0.128    | 3.51  | 0.016     | 0.013     | 0         | 54.2 | 52.5 | 44.7 | 160        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 17   | 3      | 45     | 0.896     | -0.125    | 3.501 | 0.013     | 0.01      | 0         | 54.6 | 51.6 | 43.9 | 160        | 154        | 0          | 33     | 34     |
| 2009 | 6     | 4   | 17   | 13     | 45     | 0.856     | -0.105    | 3.504 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 44.3 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 17   | 23     | 45     | 0.843     | -0.154    | 3.507 | 0.01      | 0.007     | 0         | 53.8 | 52   | 45.6 | 160        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 17   | 33     | 45     | 0.853     | -0.138    | 3.504 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 43   | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 17   | 43     | 45     | 0.827     | -0.151    | 3.504 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 46.9 | 160        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 17   | 53     | 45     | 0.84      | -0.089    | 3.504 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 48.2 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 18   | 3      | 45     | 0.928     | -0.128    | 3.504 | 0.01      | 0.007     | 0         | 54.2 | 51.6 | 47.7 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 18   | 13     | 45     | 0.856     | -0.102    | 3.504 | 0.013     | 0.01      | 0         | 54.2 | 52   | 45.6 | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 18   | 23     | 45     | 0.886     | -0.112    | 3.497 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 46   | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 18   | 33     | 45     | 0.794     | -0.092    | 3.504 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 47.7 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 18   | 43     | 45     | 0.915     | -0.082    | 3.501 | 0.013     | 0.01      | 0         | 53.3 | 51.6 | 46.4 | 159        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 18   | 53     | 45     | 0.827     | -0.144    | 3.501 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 48.2 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 19   | 3      | 45     | 0.81      | -0.144    | 3.501 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 46.4 | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 19   | 13     | 45     | 0.82      | -0.138    | 3.501 | 0.01      | 0.007     | 0         | 53.3 | 51.2 | 44.3 | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 19   | 23     | 45     | 0.86      | -0.144    | 3.501 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 46.4 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 19   | 33     | 45     | 0.804     | -0.144    | 3.501 | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 47.3 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 19   | 43     | 45     | 0.86      | -0.138    | 3.501 | 0.01      | 0.007     | 0         | 53.3 | 51.2 | 46   | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 19   | 53     | 45     | 0.807     | -0.092    | 3.501 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 47.3 | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 20   | 3      | 45     | 0.866     | -0.151    | 3.501 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 47.3 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 20   | 13     | 45     | 0.83      | -0.138    | 3.501 | 0.01      | 0.007     | 0         | 52.9 | 50.7 | 43.9 | 158        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 20   | 23     | 45     | 0.853     | -0.118    | 3.501 | 0.02      | 0.016     | 0         | 52.9 | 50.7 | 43   | 157        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 20   | 33     | 45     | 0.797     | -0.105    | 3.501 | 0.013     | 0.01      | 0         | 52.5 | 50.7 | 44.7 | 157        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 20   | 43     | 45     | 0.833     | -0.108    | 3.501 | 0.013     | 0.01      | 0         | 52.9 | 50.7 | 44.3 | 158        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 20   | 53     | 45     | 0.653     | -0.046    | 3.501 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 44.3 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 21   | 3      | 45     | 0.823     | -0.092    | 3.501 | 0.016     | 0.013     | 0         | 52.5 | 50.7 | 44.7 | 157        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 21   | 13     | 45     | 0.866     | -0.141    | 3.501 | 0.013     | 0.01      | 0         | 52   | 49   | 44.7 | 155        | 149        | 0          | 34     | 35     |
| 2009 | 6     | 4   | 21   | 23     | 45     | 0.725     | -0.036    | 3.501 | 0.01      | 0.007     | 0         | 52.5 | 50.3 | 45.6 | 156        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 21   | 33     | 45     | 0.883     | -0.164    | 3.497 | 0.01      | 0.007     | 0         | 51.6 | 49.5 | 45.6 | 154        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 21   | 43     | 45     | 0.807     | -0.075    | 3.501 | 0.013     | 0.01      | 0         | 51.6 | 49.5 | 43.9 | 155        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 21   | 53     | 45     | 0.725     | -0.079    | 3.501 | 0.016     | 0.013     | 0         | 52   | 49.5 | 44.7 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 22   | 3      | 45     | 0.85      | -0.092    | 3.497 | 0.016     | 0.013     | 0         | 51.6 | 49.5 | 44.3 | 155        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 22   | 13     | 45     | 0.883     | -0.105    | 3.497 | 0.013     | 0.01      | 0         | 51.6 | 49.5 | 44.7 | 154        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 22   | 23     | 45     | 0.794     | -0.128    | 3.497 | 0.016     | 0.013     | 0         | 52   | 49.5 | 42.6 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 22   | 33     | 45     | 0.791     | -0.148    | 3.497 | 0.01      | 0.007     | 0         | 52   | 49.5 | 43.4 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 22   | 43     | 45     | 0.768     | -0.069    | 3.497 | 0.013     | 0.01      | 0         | 52   | 49.5 | 43.4 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 22   | 53     | 45     | 0.676     | -0.03     | 3.497 | 0.016     | 0.013     | 0         | 51.6 | 49.5 | 44.3 | 155        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 23   | 3      | 45     | 0.751     | -0.089    | 3.497 | 0.01      | 0.007     | 0         | 51.6 | 49   | 44.3 | 154        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 23   | 13     | 45     | 0.738     | -0.062    | 3.497 | 0.016     | 0.013     | 0         | 51.2 | 49   | 44.7 | 154        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 23   | 23     | 45     | 0.735     | -0.069    | 3.497 | 0.016     | 0.013     | 0         | 51.6 | 49.5 | 44.3 | 154        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 23   | 33     | 45     | 0.814     | -0.135    | 3.497 | 0.013     | 0.01      | 0         | 52   | 49   | 43.9 | 155        | 149        | 0          | 34     | 35     |
| 2009 | 6     | 4   | 23   | 43     | 45     | 0.781     | -0.089    | 3.497 | 0.013     | 0.01      | 0         | 51.6 | 49.5 | 44.7 | 155        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 23   | 53     | 45     | 0.732     | -0.056    | 3.497 | 0.01      | 0.007     | 0         | 51.2 | 49   | 44.3 | 154        | 148        | 0          | 35     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 5   | 0    | 3      | 45     | 0.84      | -0.105    | 3.497 | 0.016     | 0.013     | 0         | 51.2 | 49   | 43.9 | 154        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 0    | 13     | 45     | 0.85      | -0.141    | 3.494 | 0.01      | 0.007     | 0         | 51.6 | 49   | 43.9 | 154        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 0    | 23     | 45     | 0.863     | -0.121    | 3.497 | 0.01      | 0.007     | 0         | 51.2 | 49   | 45.2 | 154        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 0    | 33     | 45     | 0.827     | -0.138    | 3.497 | 0.013     | 0.01      | 0         | 51.2 | 49.5 | 45.6 | 154        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 0    | 43     | 45     | 0.837     | -0.089    | 3.494 | 0.013     | 0.01      | 0         | 52   | 49.5 | 42.6 | 155        | 150        | 0          | 34     | 35     |
| 2009 | 6     | 5   | 0    | 53     | 45     | 0.814     | -0.079    | 3.497 | 0.013     | 0.01      | 0         | 52   | 49.5 | 44.7 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 1    | 3      | 45     | 0.784     | -0.066    | 3.494 | 0.013     | 0.01      | 0         | 51.6 | 49.5 | 44.7 | 154        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 1    | 13     | 45     | 0.781     | -0.075    | 3.494 | 0.02      | 0.016     | 0         | 51.6 | 49.5 | 43.9 | 154        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 1    | 23     | 45     | 0.791     | -0.049    | 3.494 | 0.01      | 0.007     | 0         | 51.2 | 49   | 44.7 | 154        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 1    | 33     | 45     | 0.797     | -0.085    | 3.494 | 0.013     | 0.01      | 0         | 51.2 | 49   | 44.7 | 154        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 1    | 43     | 45     | 0.876     | -0.121    | 3.494 | 0.013     | 0.01      | 0         | 51.2 | 49   | 43.9 | 154        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 1    | 53     | 45     | 0.837     | -0.154    | 3.494 | 0.01      | 0.007     | 0         | 51.2 | 49   | 44.7 | 154        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 2    | 3      | 45     | 0.794     | -0.069    | 3.494 | 0.013     | 0.01      | 0         | 51.6 | 49   | 43.4 | 155        | 149        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 2    | 13     | 45     | 0.83      | -0.144    | 3.494 | 0.013     | 0.01      | 0         | 50.7 | 49   | 43.9 | 153        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 2    | 23     | 45     | 0.807     | -0.121    | 3.494 | 0.013     | 0.01      | 0         | 51.2 | 49   | 44.7 | 153        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 2    | 33     | 45     | 0.873     | -0.18     | 3.494 | 0.016     | 0.013     | 0         | 50.7 | 49   | 43.9 | 153        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 2    | 43     | 45     | 0.804     | -0.135    | 3.494 | 0.013     | 0.01      | 0         | 51.2 | 49   | 43.9 | 154        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 2    | 53     | 45     | 0.761     | -0.085    | 3.494 | 0.013     | 0.01      | 0         | 51.2 | 49   | 44.3 | 153        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 3    | 3      | 45     | 0.778     | -0.075    | 3.494 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 46   | 154        | 148        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 3    | 13     | 45     | 0.804     | -0.135    | 3.494 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 43   | 154        | 148        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 3    | 23     | 45     | 0.846     | -0.105    | 3.494 | 0.016     | 0.013     | 0         | 51.6 | 49.5 | 44.7 | 154        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 3    | 33     | 45     | 0.82      | -0.085    | 3.494 | 0.01      | 0.007     | 0         | 51.2 | 49   | 44.3 | 154        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 3    | 43     | 45     | 0.814     | -0.135    | 3.494 | 0.016     | 0.013     | 0         | 51.2 | 49   | 45.2 | 154        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 3    | 53     | 45     | 0.797     | -0.112    | 3.494 | 0.01      | 0.007     | 0         | 51.2 | 49   | 45.2 | 153        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 4    | 3      | 45     | 0.784     | -0.131    | 3.494 | 0.016     | 0.013     | 0         | 50.7 | 49   | 44.7 | 153        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 4    | 13     | 45     | 0.82      | -0.108    | 3.491 | 0.016     | 0.016     | 0         | 51.2 | 49   | 43.9 | 154        | 149        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 4    | 23     | 45     | 0.837     | -0.102    | 3.491 | 0.013     | 0.01      | 0         | 51.2 | 49.5 | 44.3 | 154        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 4    | 33     | 45     | 0.771     | -0.062    | 3.491 | 0.016     | 0.013     | 0         | 51.6 | 49.9 | 43.9 | 155        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 4    | 43     | 45     | 0.781     | -0.079    | 3.491 | 0.013     | 0.01      | 0         | 51.6 | 49.5 | 45.6 | 155        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 4    | 53     | 45     | 0.787     | -0.085    | 3.491 | 0.01      | 0.007     | 0         | 51.2 | 49.5 | 44.3 | 154        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 5    | 3      | 45     | 0.863     | -0.118    | 3.491 | 0.01      | 0.007     | 0         | 51.6 | 49.9 | 44.3 | 155        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 5    | 13     | 45     | 0.856     | -0.154    | 3.491 | 0.013     | 0.01      | 0         | 51.6 | 49.5 | 44.3 | 155        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 5    | 23     | 45     | 0.86      | -0.148    | 3.491 | 0.016     | 0.013     | 0         | 51.6 | 49.5 | 44.3 | 155        | 150        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 5    | 33     | 45     | 0.889     | -0.161    | 3.491 | 0.01      | 0.007     | 0         | 51.6 | 49.9 | 44.3 | 155        | 151        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 5    | 43     | 45     | 0.843     | -0.148    | 3.491 | 0.016     | 0.013     | 0         | 51.6 | 49.5 | 48.6 | 155        | 150        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 5    | 53     | 45     | 0.902     | -0.148    | 3.491 | 0.01      | 0.007     | 0         | 52   | 49.9 | 46   | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 6    | 3      | 45     | 0.906     | -0.131    | 3.491 | 0.016     | 0.013     | 0         | 51.6 | 49   | 43.4 | 155        | 149        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 6    | 13     | 45     | 0.817     | -0.154    | 3.491 | 0.013     | 0.01      | 0         | 51.6 | 49.5 | 44.3 | 155        | 150        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 6    | 23     | 45     | 0.876     | -0.118    | 3.491 | 0.016     | 0.013     | 0         | 51.6 | 49.5 | 44.7 | 155        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 6    | 33     | 45     | 0.833     | -0.161    | 3.491 | 0.016     | 0.016     | 0         | 52   | 49.5 | 44.3 | 155        | 150        | 0          | 34     | 35     |
| 2009 | 6     | 5   | 6    | 43     | 45     | 0.659     | -0.03     | 3.491 | 0.016     | 0.013     | 0         | 52   | 50.3 | 44.7 | 156        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 6    | 53     | 45     | 0.84      | -0.154    | 3.491 | 0.01      | 0.007     | 0         | 51.2 | 49   | 45.2 | 154        | 149        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 7    | 3      | 45     | 0.873     | -0.171    | 3.491 | 0.013     | 0.01      | 0         | 52   | 49   | 44.7 | 155        | 149        | 0          | 34     | 35     |
| 2009 | 6     | 5   | 7    | 13     | 45     | 0.889     | -0.141    | 3.491 | 0.013     | 0.01      | 0         | 51.6 | 49   | 44.3 | 155        | 149        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 7    | 23     | 45     | 0.771     | -0.079    | 3.491 | 0.01      | 0.007     | 0         | 51.6 | 49.5 | 45.2 | 155        | 150        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 7    | 33     | 45     | 0.876     | -0.121    | 3.491 | 0.016     | 0.013     | 0         | 51.6 | 49.5 | 46.4 | 155        | 150        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 7    | 43     | 45     | 0.712     | -0.072    | 3.491 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 46.4 | 156        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 7    | 53     | 45     | 0.82      | -0.164    | 3.491 | 0.016     | 0.013     | 0         | 52   | 49.5 | 46.4 | 156        | 150        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 5   | 8    | 3      | 45     | 0.84      | -0.154    | 3.491 | 0.013     | 0.01      | 0         | 52   | 49.5 | 45.2 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 8    | 13     | 45     | 0.879     | -0.125    | 3.491 | 0.01      | 0.007     | 0         | 51.6 | 49   | 44.3 | 155        | 149        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 8    | 23     | 45     | 0.846     | -0.151    | 3.491 | 0.016     | 0.013     | 0         | 51.2 | 49.5 | 45.6 | 154        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 8    | 33     | 45     | 0.728     | -0.072    | 3.491 | 0.016     | 0.013     | 0         | 52   | 49.5 | 43.9 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 8    | 43     | 45     | 0.81      | -0.092    | 3.491 | 0.013     | 0.01      | 0         | 51.2 | 49.5 | 45.2 | 154        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 8    | 53     | 45     | 0.771     | -0.056    | 3.491 | 0.013     | 0.01      | 0         | 52   | 49.5 | 44.7 | 155        | 150        | 0          | 34     | 35     |
| 2009 | 6     | 5   | 9    | 3      | 45     | 0.689     | -0.069    | 3.491 | 0.013     | 0.01      | 0         | 51.6 | 49.5 | 44.3 | 155        | 150        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 9    | 13     | 45     | 0.778     | -0.105    | 3.491 | 0.016     | 0.013     | 0         | 52   | 49.5 | 44.3 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 9    | 23     | 45     | 0.728     | -0.033    | 3.491 | 0.013     | 0.01      | 0         | 51.6 | 49.9 | 46.4 | 155        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 9    | 33     | 45     | 0.896     | -0.135    | 3.491 | 0.01      | 0.007     | 0         | 51.6 | 49.5 | 46   | 155        | 150        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 9    | 43     | 45     | 0.65      | -0.03     | 3.491 | 0.016     | 0.016     | 0         | 52   | 49.9 | 44.3 | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 9    | 53     | 45     | 0.725     | -0.095    | 3.491 | 0.016     | 0.013     | 0         | 51.6 | 49.9 | 44.7 | 155        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 10   | 3      | 45     | 0.679     | -0.039    | 3.491 | 0.013     | 0.01      | 0         | 52   | 49.9 | 44.7 | 155        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 10   | 13     | 45     | 0.784     | -0.092    | 3.488 | 0.016     | 0.013     | 0         | 52   | 49.9 | 44.7 | 155        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 10   | 23     | 45     | 0.774     | -0.062    | 3.491 | 0.01      | 0.007     | 0         | 51.6 | 49.9 | 44.3 | 155        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 10   | 33     | 45     | 0.84      | -0.112    | 3.491 | 0.016     | 0.013     | 0         | 52   | 49.5 | 45.6 | 156        | 150        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 10   | 43     | 45     | 0.804     | -0.108    | 3.488 | 0.016     | 0.013     | 0         | 51.6 | 49.9 | 43.4 | 155        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 10   | 53     | 45     | 0.86      | -0.148    | 3.488 | 0.016     | 0.016     | 0         | 51.6 | 49.5 | 44.3 | 155        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 11   | 3      | 45     | 0.827     | -0.082    | 3.488 | 0.016     | 0.013     | 0         | 51.6 | 49.5 | 43.9 | 155        | 150        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 11   | 13     | 45     | 0.863     | -0.138    | 3.488 | 0.013     | 0.01      | 0         | 51.6 | 49.5 | 42.6 | 155        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 11   | 23     | 45     | 0.663     | -0.062    | 3.484 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 43.4 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 11   | 33     | 45     | 0.689     | -0.075    | 3.481 | 0.016     | 0.016     | 0         | 52   | 49.5 | 43.4 | 156        | 150        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 11   | 43     | 45     | 0.791     | -0.075    | 3.481 | 0.016     | 0.013     | 0         | 51.6 | 49.5 | 43.4 | 155        | 150        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 11   | 53     | 45     | 0.83      | -0.118    | 3.478 | 0.016     | 0.016     | 0         | 51.6 | 49.9 | 44.7 | 155        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 12   | 3      | 45     | 0.853     | -0.085    | 3.478 | 0.01      | 0.007     | 0         | 51.6 | 49.5 | 44.3 | 155        | 150        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 12   | 13     | 45     | 0.883     | -0.148    | 3.474 | 0.013     | 0.01      | 0         | 52   | 49   | 45.6 | 155        | 149        | 0          | 34     | 35     |
| 2009 | 6     | 5   | 12   | 23     | 45     | 0.84      | -0.148    | 3.478 | 0.016     | 0.013     | 0         | 52   | 49.5 | 46   | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 12   | 33     | 45     | 0.817     | -0.141    | 3.478 | 0.013     | 0.01      | 0         | 51.6 | 49.9 | 44.7 | 155        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 12   | 43     | 45     | 0.837     | -0.171    | 3.478 | 0.013     | 0.01      | 0         | 52   | 49.9 | 45.6 | 155        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 12   | 53     | 45     | 0.715     | -0.049    | 3.478 | 0.016     | 0.013     | 0         | 52   | 50.3 | 43.4 | 156        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 13   | 3      | 45     | 0.814     | -0.108    | 3.478 | 0.016     | 0.016     | 0         | 52   | 50.3 | 45.2 | 155        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 13   | 13     | 45     | 0.846     | -0.105    | 3.478 | 0.016     | 0.016     | 0         | 51.6 | 49.9 | 43.9 | 155        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 13   | 23     | 45     | 0.843     | -0.118    | 3.478 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 45.6 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 13   | 33     | 45     | 0.814     | -0.194    | 3.478 | 0.016     | 0.013     | 0         | 51.6 | 49.9 | 45.6 | 155        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 13   | 43     | 45     | 0.784     | -0.157    | 3.474 | 0.016     | 0.016     | 0         | 52   | 49.5 | 45.6 | 156        | 150        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 13   | 53     | 45     | 0.823     | -0.121    | 3.478 | 0.016     | 0.013     | 0         | 52   | 49.9 | 46.9 | 155        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 14   | 3      | 45     | 0.758     | -0.082    | 3.478 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 49   | 156        | 151        | 0          | 34     | 35     |
| 2009 | 6     | 5   | 14   | 13     | 45     | 0.801     | -0.059    | 3.478 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 49.9 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 14   | 23     | 45     | 0.768     | -0.062    | 3.478 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 46.9 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 14   | 33     | 45     | 0.719     | -0.046    | 3.474 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 46.9 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 14   | 43     | 45     | 0.774     | -0.062    | 3.474 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 45.2 | 158        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 14   | 53     | 45     | 0.833     | -0.092    | 3.478 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 46.4 | 158        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 15   | 3      | 45     | 0.679     | -0.066    | 3.478 | 0.01      | 0.007     | 0         | 54.2 | 51.2 | 45.2 | 159        | 154        | 0          | 33     | 35     |
| 2009 | 6     | 5   | 15   | 13     | 45     | 0.85      | -0.167    | 3.478 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 49   | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 15   | 23     | 45     | 0.85      | -0.161    | 3.478 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 46.9 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 15   | 33     | 45     | 0.837     | -0.105    | 3.478 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 48.2 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 15   | 43     | 45     | 0.741     | -0.075    | 3.474 | 0.013     | 0.01      | 0         | 52.9 | 50.7 | 46.4 | 158        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 15   | 53     | 45     | 0.804     | -0.089    | 3.478 | 0.01      | 0.007     | 0         | 52.9 | 50.7 | 49.5 | 157        | 152        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 5   | 16   | 3      | 45     | 0.774     | -0.095    | 3.478 | 0.016     | 0.013     | 0         | 52.9 | 50.7 | 49   | 158        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 16   | 13     | 45     | 0.719     | -0.02     | 3.474 | 0.016     | 0.013     | 0         | 52.9 | 51.2 | 44.3 | 158        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 16   | 23     | 45     | 0.774     | -0.079    | 3.474 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 46.4 | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 16   | 33     | 45     | 0.804     | -0.105    | 3.474 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 49.5 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 16   | 43     | 45     | 0.781     | -0.089    | 3.478 | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 50.3 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 16   | 53     | 45     | 0.81      | -0.079    | 3.474 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 50.7 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 17   | 3      | 45     | 0.814     | -0.056    | 3.474 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 45.6 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 17   | 13     | 45     | 0.702     | -0.049    | 3.474 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 48.6 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 17   | 23     | 45     | 0.814     | -0.095    | 3.474 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 49   | 158        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 17   | 33     | 45     | 0.86      | -0.118    | 3.474 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 49   | 158        | 152        | 0          | 34     | 35     |
| 2009 | 6     | 5   | 17   | 43     | 45     | 0.814     | -0.095    | 3.474 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 48.2 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 17   | 53     | 45     | 0.712     | -0.056    | 3.474 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 49   | 158        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 18   | 3      | 45     | 0.856     | -0.102    | 3.474 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 46   | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 18   | 13     | 45     | 0.715     | -0.03     | 3.474 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 45.2 | 158        | 152        | 0          | 34     | 35     |
| 2009 | 6     | 5   | 18   | 23     | 45     | 0.804     | -0.049    | 3.471 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 44.3 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 18   | 33     | 45     | 0.702     | -0.049    | 3.471 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 46   | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 18   | 43     | 45     | 0.728     | -0.056    | 3.471 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 43.9 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 18   | 53     | 45     | 0.702     | -0.062    | 3.471 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 46.4 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 19   | 3      | 45     | 0.673     | -0.023    | 3.471 | 0.016     | 0.013     | 0         | 52.9 | 51.2 | 46   | 158        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 19   | 13     | 45     | 0.771     | -0.072    | 3.471 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 44.7 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 19   | 23     | 45     | 0.692     | -0.046    | 3.471 | 0.01      | 0.007     | 0         | 52.5 | 50.7 | 43.9 | 157        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 19   | 33     | 45     | 0.869     | -0.082    | 3.471 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 44.3 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 19   | 43     | 45     | 0.84      | -0.108    | 3.471 | 0.016     | 0.016     | 0         | 52.9 | 50.7 | 44.3 | 157        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 19   | 53     | 45     | 0.823     | -0.128    | 3.471 | 0.013     | 0.01      | 0         | 52.9 | 50.7 | 45.2 | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 20   | 3      | 45     | 0.778     | -0.079    | 3.468 | 0.016     | 0.013     | 0         | 52.9 | 50.7 | 44.7 | 157        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 20   | 13     | 45     | 0.761     | -0.066    | 3.468 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 44.7 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 20   | 23     | 45     | 0.804     | -0.115    | 3.468 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 43.9 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 20   | 33     | 45     | 0.84      | -0.085    | 3.468 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 45.2 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 20   | 43     | 45     | 0.784     | -0.075    | 3.468 | 0.01      | 0.007     | 0         | 52.5 | 50.3 | 44.7 | 156        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 20   | 53     | 45     | 0.823     | -0.115    | 3.468 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 44.3 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 21   | 3      | 45     | 0.778     | -0.085    | 3.468 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 44.7 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 21   | 13     | 45     | 0.758     | -0.095    | 3.468 | 0.013     | 0.01      | 0         | 52   | 49.9 | 45.2 | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 21   | 23     | 45     | 0.712     | -0.066    | 3.468 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 45.6 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 21   | 33     | 45     | 0.728     | -0.072    | 3.468 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 45.2 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 21   | 43     | 45     | 0.689     | -0.023    | 3.468 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 44.7 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 21   | 53     | 45     | 0.817     | -0.118    | 3.465 | 0.016     | 0.013     | 0         | 52   | 49.9 | 45.6 | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 22   | 3      | 45     | 0.794     | -0.085    | 3.465 | 0.016     | 0.016     | 0         | 52   | 49.9 | 45.6 | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 22   | 13     | 45     | 0.709     | -0.026    | 3.465 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 44.3 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 22   | 23     | 45     | 0.774     | -0.052    | 3.465 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 44.3 | 156        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 22   | 33     | 45     | 0.663     | -0.062    | 3.465 | 0.013     | 0.01      | 0         | 52   | 50.3 | 44.3 | 156        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 22   | 43     | 45     | 0.699     | -0.049    | 3.465 | 0.016     | 0.013     | 0         | 52   | 49.9 | 44.7 | 155        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 22   | 53     | 45     | 0.85      | -0.112    | 3.465 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 43.9 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 23   | 3      | 45     | 0.863     | -0.148    | 3.465 | 0.013     | 0.01      | 0         | 51.6 | 49.5 | 46   | 155        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 23   | 13     | 45     | 0.84      | -0.131    | 3.465 | 0.016     | 0.016     | 0         | 52   | 49.5 | 44.7 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 23   | 23     | 45     | 0.853     | -0.105    | 3.465 | 0.01      | 0.007     | 0         | 52   | 49   | 44.7 | 155        | 149        | 0          | 34     | 35     |
| 2009 | 6     | 5   | 23   | 33     | 45     | 0.817     | -0.121    | 3.465 | 0.016     | 0.013     | 0         | 52   | 49.5 | 44.7 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 23   | 43     | 45     | 0.696     | -0.036    | 3.465 | 0.016     | 0.016     | 0         | 52   | 49.5 | 45.2 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 5   | 23   | 53     | 45     | 0.823     | -0.108    | 3.465 | 0.016     | 0.016     | 0         | 51.6 | 49.5 | 45.6 | 154        | 149        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 6   | 0    | 3      | 45     | 0.659     | -0.059    | 3.465 | 0.01      | 0.007     | 0         | 52   | 49.9 | 46   | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 0    | 13     | 45     | 0.768     | -0.069    | 3.461 | 0.01      | 0.007     | 0         | 52   | 49.5 | 44.7 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 0    | 23     | 45     | 0.863     | -0.121    | 3.461 | 0.016     | 0.013     | 0         | 51.6 | 49.5 | 44.3 | 154        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 0    | 33     | 45     | 0.837     | -0.135    | 3.461 | 0.013     | 0.01      | 0         | 51.6 | 49.5 | 45.2 | 154        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 0    | 43     | 45     | 0.774     | -0.154    | 3.461 | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 44.3 | 154        | 148        | 0          | 34     | 35     |
| 2009 | 6     | 6   | 0    | 53     | 45     | 0.784     | -0.098    | 3.461 | 0.01      | 0.007     | 0         | 51.2 | 49.5 | 45.6 | 154        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 1    | 3      | 45     | 0.817     | -0.089    | 3.461 | 0.013     | 0.01      | 0         | 52   | 49.5 | 45.2 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 1    | 13     | 45     | 0.738     | -0.069    | 3.461 | 0.013     | 0.01      | 0         | 52   | 49.9 | 45.2 | 155        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 1    | 23     | 45     | 0.915     | -0.118    | 3.461 | 0.01      | 0.007     | 0         | 51.2 | 49.5 | 44.7 | 154        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 1    | 33     | 45     | 0.787     | -0.085    | 3.461 | 0.01      | 0.007     | 0         | 52   | 49   | 44.3 | 155        | 149        | 0          | 34     | 35     |
| 2009 | 6     | 6   | 1    | 43     | 45     | 0.761     | -0.092    | 3.461 | 0.016     | 0.013     | 0         | 52   | 49.5 | 44.7 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 1    | 53     | 45     | 0.869     | -0.118    | 3.461 | 0.013     | 0.01      | 0         | 50.7 | 49   | 44.3 | 153        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 2    | 3      | 45     | 0.856     | -0.125    | 3.461 | 0.013     | 0.01      | 0         | 51.6 | 49   | 46   | 154        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 2    | 13     | 45     | 0.873     | -0.121    | 3.461 | 0.013     | 0.01      | 0         | 51.2 | 49   | 44.3 | 153        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 2    | 23     | 45     | 0.787     | -0.075    | 3.461 | 0.016     | 0.013     | 0         | 51.2 | 49   | 46   | 154        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 2    | 33     | 45     | 0.712     | -0.075    | 3.461 | 0.013     | 0.01      | 0         | 51.2 | 49.5 | 44.7 | 154        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 2    | 43     | 45     | 0.787     | -0.112    | 3.458 | 0.013     | 0.01      | 0         | 51.6 | 49.5 | 45.2 | 155        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 2    | 53     | 45     | 0.761     | -0.052    | 3.458 | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 43.4 | 154        | 148        | 0          | 34     | 35     |
| 2009 | 6     | 6   | 3    | 3      | 45     | 0.807     | -0.121    | 3.458 | 0.013     | 0.01      | 0         | 51.2 | 49   | 46   | 153        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 3    | 13     | 45     | 0.794     | -0.085    | 3.458 | 0.016     | 0.013     | 0         | 51.2 | 49.5 | 44.3 | 154        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 3    | 23     | 45     | 0.758     | -0.154    | 3.458 | 0.013     | 0.01      | 0         | 51.2 | 49.5 | 44.7 | 154        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 3    | 33     | 45     | 0.774     | -0.072    | 3.458 | 0.01      | 0.007     | 0         | 51.6 | 49.9 | 44.7 | 155        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 3    | 43     | 45     | 0.781     | -0.102    | 3.458 | 0.01      | 0.007     | 0         | 51.2 | 49.5 | 45.6 | 154        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 3    | 53     | 45     | 0.787     | -0.112    | 3.458 | 0.016     | 0.013     | 0         | 51.6 | 49.5 | 43.4 | 155        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 4    | 3      | 45     | 0.804     | -0.118    | 3.458 | 0.013     | 0.01      | 0         | 51.2 | 49   | 45.6 | 154        | 149        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 4    | 13     | 45     | 0.722     | -0.052    | 3.458 | 0.01      | 0.007     | 0         | 51.2 | 49.5 | 46   | 154        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 4    | 23     | 45     | 0.863     | -0.138    | 3.458 | 0.013     | 0.01      | 0         | 51.6 | 49.5 | 45.2 | 154        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 4    | 33     | 45     | 0.755     | -0.079    | 3.458 | 0.016     | 0.013     | 0         | 52   | 49   | 44.3 | 155        | 149        | 0          | 34     | 35     |
| 2009 | 6     | 6   | 4    | 43     | 45     | 0.784     | -0.125    | 3.458 | 0.013     | 0.01      | 0         | 51.6 | 49   | 43.9 | 155        | 149        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 4    | 53     | 45     | 0.663     | -0.043    | 3.458 | 0.016     | 0.013     | 0         | 51.6 | 49.9 | 46   | 155        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 5    | 3      | 45     | 0.817     | -0.108    | 3.458 | 0.013     | 0.01      | 0         | 52   | 49.9 | 44.3 | 155        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 5    | 13     | 45     | 0.853     | -0.135    | 3.458 | 0.013     | 0.01      | 0         | 51.6 | 49.9 | 44.7 | 155        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 5    | 23     | 45     | 0.709     | -0.049    | 3.458 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 44.7 | 157        | 151        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 5    | 33     | 45     | 0.83      | -0.128    | 3.458 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 43.9 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 5    | 43     | 45     | 0.801     | -0.121    | 3.458 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 44.7 | 157        | 152        | 0          | 34     | 35     |
| 2009 | 6     | 6   | 5    | 53     | 45     | 0.63      | -0.026    | 3.458 | 0.01      | 0.007     | 0         | 52.9 | 50.7 | 43.9 | 157        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 6    | 3      | 45     | 0.653     | -0.036    | 3.458 | 0.01      | 0.007     | 0         | 52.5 | 50.7 | 45.6 | 157        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 6    | 13     | 45     | 0.797     | -0.059    | 3.458 | 0.013     | 0.01      | 0         | 52   | 50.3 | 44.7 | 156        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 6    | 23     | 45     | 0.682     | -0.062    | 3.458 | 0.013     | 0.01      | 0         | 52   | 50.3 | 45.2 | 156        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 6    | 33     | 45     | 0.755     | -0.036    | 3.458 | 0.013     | 0.01      | 0         | 52   | 49.9 | 44.7 | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 6    | 43     | 45     | 0.761     | -0.062    | 3.458 | 0.016     | 0.013     | 0         | 52   | 49.9 | 45.2 | 155        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 6    | 53     | 45     | 0.702     | -0.062    | 3.458 | 0.013     | 0.01      | 0         | 51.6 | 49.9 | 44.7 | 155        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 7    | 3      | 45     | 0.751     | -0.108    | 3.458 | 0.013     | 0.01      | 0         | 52   | 49.9 | 47.3 | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 7    | 13     | 45     | 0.791     | -0.102    | 3.458 | 0.013     | 0.01      | 0         | 51.6 | 49.9 | 44.7 | 155        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 7    | 23     | 45     | 0.833     | -0.115    | 3.458 | 0.016     | 0.016     | 0         | 51.6 | 49.5 | 46   | 155        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 7    | 33     | 45     | 0.774     | -0.112    | 3.458 | 0.013     | 0.01      | 0         | 52   | 49.5 | 46.4 | 155        | 150        | 0          | 34     | 35     |
| 2009 | 6     | 6   | 7    | 43     | 45     | 0.771     | -0.069    | 3.458 | 0.013     | 0.01      | 0         | 52   | 49.9 | 46.4 | 155        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 7    | 53     | 45     | 0.791     | -0.085    | 3.458 | 0.013     | 0.01      | 0         | 51.6 | 49.9 | 46.9 | 155        | 150        | 0          | 35     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 6   | 8    | 3      | 45     | 0.82      | -0.121    | 3.458 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 44.3 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 8    | 13     | 45     | 0.748     | -0.069    | 3.458 | 0.013     | 0.01      | 0         | 52   | 50.3 | 45.6 | 156        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 8    | 23     | 45     | 0.768     | -0.072    | 3.458 | 0.013     | 0.01      | 0         | 52.5 | 50.7 | 47.3 | 156        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 8    | 33     | 45     | 0.807     | -0.112    | 3.458 | 0.016     | 0.013     | 0         | 51.6 | 49.9 | 48.6 | 155        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 8    | 43     | 45     | 0.823     | -0.105    | 3.458 | 0.016     | 0.013     | 0         | 52   | 50.3 | 49   | 156        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 8    | 53     | 45     | 0.748     | -0.085    | 3.458 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 48.2 | 157        | 152        | 0          | 34     | 35     |
| 2009 | 6     | 6   | 9    | 3      | 45     | 0.794     | -0.072    | 3.458 | 0.01      | 0.007     | 0         | 52   | 50.3 | 43.9 | 157        | 151        | 0          | 36     | 34     |
| 2009 | 6     | 6   | 9    | 13     | 45     | 0.774     | -0.072    | 3.458 | 0.013     | 0.01      | 0         | 52   | 49.9 | 45.6 | 156        | 151        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 9    | 23     | 45     | 0.856     | -0.135    | 3.458 | 0.016     | 0.013     | 0         | 51.6 | 49.9 | 47.3 | 155        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 9    | 33     | 45     | 0.833     | -0.108    | 3.458 | 0.016     | 0.013     | 0         | 52   | 49.9 | 47.7 | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 9    | 43     | 45     | 0.741     | -0.082    | 3.458 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 46.9 | 156        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 9    | 53     | 45     | 0.771     | -0.092    | 3.458 | 0.013     | 0.01      | 0         | 52   | 50.3 | 45.2 | 156        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 10   | 3      | 45     | 0.804     | -0.085    | 3.458 | 0.016     | 0.013     | 0         | 52   | 49.5 | 44.7 | 156        | 150        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 10   | 13     | 45     | 0.814     | -0.062    | 3.458 | 0.013     | 0.01      | 0         | 51.6 | 49.9 | 46   | 155        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 10   | 23     | 45     | 0.801     | -0.098    | 3.458 | 0.013     | 0.01      | 0         | 52   | 49.9 | 46   | 155        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 10   | 33     | 45     | 0.863     | -0.138    | 3.458 | 0.013     | 0.01      | 0         | 51.6 | 50.3 | 49.9 | 155        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 10   | 43     | 45     | 0.781     | -0.092    | 3.458 | 0.013     | 0.01      | 0         | 51.6 | 49.5 | 46.4 | 155        | 150        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 10   | 53     | 45     | 0.794     | -0.052    | 3.458 | 0.016     | 0.013     | 0         | 51.6 | 49.9 | 47.7 | 155        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 11   | 3      | 45     | 0.689     | -0.016    | 3.458 | 0.016     | 0.013     | 0         | 52.5 | 49.5 | 45.6 | 156        | 150        | 0          | 34     | 35     |
| 2009 | 6     | 6   | 11   | 13     | 45     | 0.781     | -0.056    | 3.458 | 0.016     | 0.013     | 0         | 51.6 | 49.9 | 46   | 155        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 11   | 23     | 45     | 0.771     | -0.069    | 3.458 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 46.4 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 11   | 33     | 45     | 0.827     | -0.098    | 3.458 | 0.01      | 0.007     | 0         | 51.6 | 49.5 | 46   | 154        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 11   | 43     | 45     | 0.804     | -0.128    | 3.458 | 0.013     | 0.01      | 0         | 51.2 | 49.5 | 44.7 | 154        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 11   | 53     | 45     | 0.781     | -0.095    | 3.458 | 0.016     | 0.016     | 0         | 52   | 49   | 47.3 | 155        | 149        | 0          | 34     | 35     |
| 2009 | 6     | 6   | 12   | 3      | 45     | 0.794     | -0.141    | 3.458 | 0.013     | 0.01      | 0         | 51.6 | 49   | 45.2 | 154        | 149        | 0          | 34     | 35     |
| 2009 | 6     | 6   | 12   | 13     | 45     | 0.814     | -0.135    | 3.458 | 0.016     | 0.016     | 0         | 51.6 | 49.5 | 44.7 | 155        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 12   | 23     | 45     | 0.768     | -0.095    | 3.458 | 0.016     | 0.013     | 0         | 52   | 49.5 | 44.7 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 12   | 33     | 45     | 0.797     | -0.121    | 3.455 | 0.013     | 0.01      | 0         | 51.6 | 49.9 | 45.2 | 155        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 12   | 43     | 45     | 0.83      | -0.115    | 3.455 | 0.016     | 0.013     | 0         | 51.6 | 49.5 | 47.7 | 155        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 12   | 53     | 45     | 0.692     | -0.046    | 3.455 | 0.01      | 0.007     | 0         | 52   | 49.9 | 44.7 | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 13   | 3      | 45     | 0.846     | -0.121    | 3.455 | 0.013     | 0.01      | 0         | 52   | 49.9 | 45.2 | 155        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 13   | 13     | 45     | 0.876     | -0.138    | 3.451 | 0.013     | 0.01      | 0         | 51.2 | 49   | 45.2 | 154        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 13   | 23     | 45     | 0.794     | -0.138    | 3.448 | 0.016     | 0.013     | 0         | 51.6 | 49   | 44.7 | 155        | 149        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 13   | 33     | 45     | 0.764     | -0.138    | 3.448 | 0.01      | 0.007     | 0         | 52   | 49.5 | 43.4 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 13   | 43     | 45     | 0.843     | -0.161    | 3.448 | 0.01      | 0.007     | 0         | 52   | 49.5 | 46.9 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 13   | 53     | 45     | 0.86      | -0.138    | 3.448 | 0.016     | 0.013     | 0         | 52   | 49   | 46.9 | 155        | 149        | 0          | 34     | 35     |
| 2009 | 6     | 6   | 14   | 3      | 45     | 0.827     | -0.177    | 3.448 | 0.01      | 0.007     | 0         | 52   | 49.5 | 46.9 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 14   | 13     | 45     | 0.866     | -0.141    | 3.448 | 0.013     | 0.01      | 0         | 51.6 | 49.9 | 48.6 | 155        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 14   | 23     | 45     | 0.883     | -0.138    | 3.448 | 0.013     | 0.01      | 0         | 52   | 49.5 | 48.6 | 156        | 150        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 14   | 33     | 45     | 0.817     | -0.135    | 3.448 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 48.6 | 156        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 14   | 43     | 45     | 0.863     | -0.115    | 3.448 | 0.016     | 0.013     | 0         | 52.5 | 50.7 | 51.2 | 156        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 14   | 53     | 45     | 0.817     | -0.135    | 3.448 | 0.013     | 0.01      | 0         | 52.9 | 50.7 | 46.9 | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 15   | 3      | 45     | 0.866     | -0.161    | 3.445 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 47.7 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 15   | 13     | 45     | 0.794     | -0.135    | 3.445 | 0.016     | 0.013     | 0         | 52   | 50.3 | 49   | 156        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 15   | 23     | 45     | 0.846     | -0.131    | 3.445 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 46   | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 15   | 33     | 45     | 0.794     | -0.144    | 3.445 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 49   | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 15   | 43     | 45     | 0.846     | -0.154    | 3.445 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 47.7 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 15   | 53     | 45     | 0.84      | -0.128    | 3.445 | 0.013     | 0.01      | 0         | 53.3 | 49.9 | 46.9 | 157        | 150        | 0          | 33     | 34     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 6   | 16   | 3      | 45     | 0.873     | -0.138    | 3.445 | 0.013     | 0.01      | 0         | 52.9 | 49.9 | 48.6 | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 16   | 13     | 45     | 0.827     | -0.125    | 3.448 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 54.2 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 16   | 23     | 45     | 0.82      | -0.141    | 3.445 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 45.2 | 157        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 16   | 33     | 45     | 0.886     | -0.108    | 3.445 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 47.3 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 16   | 43     | 45     | 0.856     | -0.128    | 3.445 | 0.013     | 0.01      | 0         | 52.5 | 50.7 | 45.2 | 156        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 16   | 53     | 45     | 0.801     | -0.128    | 3.445 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 45.6 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 17   | 3      | 45     | 0.909     | -0.102    | 3.445 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 46.9 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 17   | 13     | 45     | 0.781     | -0.121    | 3.445 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 45.2 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 17   | 23     | 45     | 0.814     | -0.141    | 3.445 | 0.013     | 0.01      | 0         | 52   | 49.9 | 44.7 | 155        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 17   | 33     | 45     | 0.873     | -0.174    | 3.445 | 0.013     | 0.01      | 0         | 52   | 49.9 | 46.4 | 155        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 17   | 43     | 45     | 0.82      | -0.082    | 3.448 | 0.01      | 0.007     | 0         | 52.5 | 50.3 | 48.6 | 156        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 17   | 53     | 45     | 0.781     | -0.062    | 3.445 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 44.7 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 18   | 3      | 45     | 0.81      | -0.082    | 3.448 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 44.7 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 18   | 13     | 45     | 0.827     | -0.131    | 3.445 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 43.4 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 18   | 23     | 45     | 0.827     | -0.131    | 3.445 | 0.016     | 0.016     | 0         | 52   | 49.9 | 48.6 | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 18   | 33     | 45     | 0.823     | -0.157    | 3.445 | 0.013     | 0.01      | 0         | 52.5 | 50.7 | 46.9 | 156        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 18   | 43     | 45     | 0.82      | -0.131    | 3.445 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 44.3 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 18   | 53     | 45     | 0.879     | -0.148    | 3.445 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 43.9 | 157        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 19   | 3      | 45     | 0.846     | -0.108    | 3.448 | 0.016     | 0.016     | 0         | 52.5 | 49.9 | 45.6 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 19   | 13     | 45     | 0.787     | -0.098    | 3.445 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 44.3 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 19   | 23     | 45     | 0.804     | -0.108    | 3.445 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 44.7 | 156        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 19   | 33     | 45     | 0.732     | -0.112    | 3.445 | 0.016     | 0.016     | 0         | 52.5 | 49.9 | 43.9 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 19   | 43     | 45     | 0.863     | -0.131    | 3.445 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 44.7 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 19   | 53     | 45     | 0.715     | -0.049    | 3.445 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 44.3 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 20   | 3      | 45     | 0.663     | -0.056    | 3.448 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 44.3 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 20   | 13     | 45     | 0.781     | -0.098    | 3.448 | 0.016     | 0.016     | 0         | 52.5 | 49.9 | 43   | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 20   | 23     | 45     | 0.722     | -0.056    | 3.445 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 44.7 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 20   | 33     | 45     | 0.666     | 0         | 3.448 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 45.2 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 20   | 43     | 45     | 0.732     | -0.056    | 3.448 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 45.2 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 20   | 53     | 45     | 0.738     | -0.072    | 3.448 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 45.2 | 157        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 21   | 3      | 45     | 0.725     | -0.066    | 3.445 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 44.3 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 21   | 13     | 45     | 0.656     | -0.039    | 3.448 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 43.4 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 21   | 23     | 45     | 0.794     | -0.089    | 3.448 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 44.3 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 21   | 33     | 45     | 0.676     | -0.026    | 3.448 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 42.1 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 21   | 43     | 45     | 0.709     | -0.052    | 3.448 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 44.3 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 21   | 53     | 45     | 0.758     | -0.069    | 3.448 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 43   | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 22   | 3      | 45     | 0.719     | -0.066    | 3.448 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 43.4 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 22   | 13     | 45     | 0.791     | -0.085    | 3.448 | 0.013     | 0.01      | 0         | 52   | 49.5 | 45.2 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 22   | 23     | 45     | 0.755     | -0.046    | 3.448 | 0.016     | 0.013     | 0         | 52   | 49.9 | 43.9 | 155        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 22   | 33     | 45     | 0.682     | -0.026    | 3.448 | 0.016     | 0.013     | 0         | 52   | 49.9 | 43.9 | 155        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 22   | 43     | 45     | 0.705     | -0.056    | 3.448 | 0.013     | 0.01      | 0         | 52   | 49.9 | 43.9 | 155        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 22   | 53     | 45     | 0.774     | -0.036    | 3.448 | 0.02      | 0.016     | 0         | 52   | 49.5 | 43.9 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 23   | 3      | 45     | 0.84      | -0.121    | 3.448 | 0.013     | 0.01      | 0         | 51.2 | 49.5 | 44.3 | 154        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 23   | 13     | 45     | 0.758     | -0.115    | 3.448 | 0.013     | 0.01      | 0         | 52   | 49.5 | 43   | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 23   | 23     | 45     | 0.801     | -0.102    | 3.448 | 0.013     | 0.01      | 0         | 51.6 | 49.5 | 43   | 155        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 23   | 33     | 45     | 0.735     | -0.075    | 3.448 | 0.013     | 0.01      | 0         | 52   | 49.9 | 43.9 | 155        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 6   | 23   | 43     | 45     | 0.679     | -0.056    | 3.448 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 43.4 | 156        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 23   | 53     | 45     | 0.751     | -0.079    | 3.448 | 0.013     | 0.01      | 0         | 52   | 49.9 | 43   | 155        | 150        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 7   | 0    | 3      | 45     | 0.745     | -0.125    | 3.448 | 0.013     | 0.01      | 0         | 51.6 | 49   | 43.9 | 155        | 149        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 0    | 13     | 45     | 0.801     | -0.059    | 3.448 | 0.016     | 0.013     | 0         | 52   | 49.9 | 43.4 | 155        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 0    | 23     | 45     | 0.745     | -0.075    | 3.448 | 0.016     | 0.013     | 0         | 52   | 49.9 | 42.1 | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 0    | 33     | 45     | 0.791     | -0.059    | 3.451 | 0.013     | 0.01      | 0         | 52   | 49.5 | 43.9 | 156        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 0    | 43     | 45     | 0.82      | -0.075    | 3.451 | 0.016     | 0.016     | 0         | 52   | 49.5 | 43.9 | 156        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 0    | 53     | 45     | 0.761     | -0.085    | 3.455 | 0.01      | 0.007     | 0         | 52   | 49.5 | 44.7 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 1    | 3      | 45     | 0.768     | -0.069    | 3.455 | 0.013     | 0.01      | 0         | 52   | 49.5 | 43   | 156        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 1    | 13     | 45     | 0.659     | -0.036    | 3.455 | 0.01      | 0.007     | 0         | 52   | 49.5 | 43.4 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 1    | 23     | 45     | 0.761     | -0.062    | 3.458 | 0.01      | 0.007     | 0         | 52   | 49.5 | 43   | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 1    | 33     | 45     | 0.712     | -0.026    | 3.458 | 0.016     | 0.013     | 0         | 51.6 | 49.5 | 43.9 | 155        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 1    | 43     | 45     | 0.755     | -0.092    | 3.461 | 0.013     | 0.01      | 0         | 52   | 49.5 | 43.4 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 1    | 53     | 45     | 0.738     | -0.056    | 3.461 | 0.013     | 0.01      | 0         | 52   | 49.5 | 43.9 | 155        | 150        | 0          | 34     | 35     |
| 2009 | 6     | 7   | 2    | 3      | 45     | 0.801     | -0.095    | 3.461 | 0.016     | 0.013     | 0         | 52   | 49.5 | 44.7 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 2    | 13     | 45     | 0.823     | -0.056    | 3.461 | 0.016     | 0.013     | 0         | 52   | 49   | 45.6 | 155        | 149        | 0          | 34     | 35     |
| 2009 | 6     | 7   | 2    | 23     | 45     | 0.879     | -0.112    | 3.461 | 0.016     | 0.013     | 0         | 51.6 | 49.5 | 46   | 155        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 2    | 33     | 45     | 0.728     | -0.043    | 3.461 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 44.7 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 2    | 43     | 45     | 0.676     | -0.072    | 3.461 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 44.3 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 2    | 53     | 45     | 0.85      | -0.108    | 3.461 | 0.013     | 0.01      | 0         | 51.6 | 49.5 | 45.2 | 155        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 3    | 3      | 45     | 0.696     | -0.01     | 3.465 | 0.016     | 0.013     | 0         | 52.5 | 49.5 | 45.2 | 156        | 150        | 0          | 34     | 35     |
| 2009 | 6     | 7   | 3    | 13     | 45     | 0.86      | -0.085    | 3.461 | 0.013     | 0.01      | 0         | 51.6 | 49.5 | 45.2 | 154        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 3    | 23     | 45     | 0.699     | -0.033    | 3.461 | 0.013     | 0.01      | 0         | 52   | 49.9 | 44.7 | 155        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 3    | 33     | 45     | 0.807     | -0.105    | 3.461 | 0.01      | 0.007     | 0         | 51.6 | 49.5 | 45.2 | 155        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 3    | 43     | 45     | 0.768     | -0.069    | 3.465 | 0.013     | 0.01      | 0         | 52   | 49.9 | 46   | 155        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 3    | 53     | 45     | 0.768     | -0.066    | 3.465 | 0.013     | 0.01      | 0         | 51.6 | 49.5 | 46.9 | 155        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 4    | 3      | 45     | 0.833     | -0.108    | 3.465 | 0.013     | 0.01      | 0         | 52   | 49.9 | 46.4 | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 4    | 13     | 45     | 0.699     | -0.056    | 3.461 | 0.01      | 0.007     | 0         | 52   | 49.9 | 45.6 | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 4    | 23     | 45     | 0.669     | -0.052    | 3.465 | 0.016     | 0.016     | 0         | 52.5 | 50.3 | 46.4 | 156        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 4    | 33     | 45     | 0.879     | -0.112    | 3.465 | 0.016     | 0.013     | 0         | 51.6 | 49   | 46   | 155        | 149        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 4    | 43     | 45     | 0.814     | -0.079    | 3.465 | 0.016     | 0.016     | 0         | 52.5 | 49.5 | 45.2 | 156        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 4    | 53     | 45     | 0.764     | -0.066    | 3.465 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 45.6 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 5    | 3      | 45     | 0.794     | -0.092    | 3.465 | 0.013     | 0.01      | 0         | 52   | 49.9 | 46.4 | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 5    | 13     | 45     | 0.84      | -0.121    | 3.465 | 0.013     | 0.01      | 0         | 52   | 49.5 | 43.9 | 156        | 150        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 5    | 23     | 45     | 0.702     | -0.03     | 3.465 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 44.7 | 157        | 151        | 0          | 34     | 35     |
| 2009 | 6     | 7   | 5    | 33     | 45     | 0.784     | -0.092    | 3.465 | 0.01      | 0.007     | 0         | 52.9 | 49.9 | 45.6 | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 5    | 43     | 45     | 0.702     | -0.056    | 3.465 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 43.9 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 5    | 53     | 45     | 0.823     | -0.066    | 3.465 | 0.01      | 0.007     | 0         | 52   | 50.3 | 45.6 | 156        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 6    | 3      | 45     | 0.699     | -0.062    | 3.465 | 0.016     | 0.013     | 0         | 52.5 | 50.7 | 44.3 | 157        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 6    | 13     | 45     | 0.738     | -0.046    | 3.465 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 44.3 | 156        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 6    | 23     | 45     | 0.837     | -0.138    | 3.465 | 0.016     | 0.013     | 0         | 52   | 49.5 | 43.9 | 156        | 150        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 6    | 33     | 45     | 0.669     | -0.046    | 3.465 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 43.4 | 156        | 151        | 0          | 34     | 35     |
| 2009 | 6     | 7   | 6    | 43     | 45     | 0.81      | -0.092    | 3.465 | 0.016     | 0.013     | 0         | 52   | 49.9 | 43.4 | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 6    | 53     | 45     | 0.856     | -0.135    | 3.468 | 0.016     | 0.013     | 0         | 51.6 | 49.9 | 44.7 | 155        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 7    | 3      | 45     | 0.807     | -0.085    | 3.465 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 44.3 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 7    | 13     | 45     | 0.82      | -0.138    | 3.468 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 45.6 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 7    | 23     | 45     | 0.823     | -0.128    | 3.468 | 0.013     | 0.01      | 0         | 52   | 49.9 | 43.9 | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 7    | 33     | 45     | 0.791     | -0.135    | 3.468 | 0.016     | 0.013     | 0         | 52.5 | 49.5 | 44.3 | 156        | 150        | 0          | 34     | 35     |
| 2009 | 6     | 7   | 7    | 43     | 45     | 0.84      | -0.148    | 3.468 | 0.013     | 0.01      | 0         | 51.6 | 49.9 | 45.2 | 155        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 7    | 53     | 45     | 0.81      | -0.112    | 3.468 | 0.013     | 0.01      | 0         | 52   | 49.9 | 44.3 | 156        | 150        | 0          | 35     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 7   | 8    | 3      | 45     | 0.843     | -0.125    | 3.468 | 0.01      | 0.007     | 0         | 51.6 | 49.5 | 43.9 | 155        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 8    | 13     | 45     | 0.745     | -0.069    | 3.468 | 0.013     | 0.01      | 0         | 52   | 49.5 | 45.2 | 156        | 150        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 8    | 23     | 45     | 0.768     | -0.082    | 3.468 | 0.016     | 0.013     | 0         | 52   | 49.5 | 43.9 | 156        | 150        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 8    | 33     | 45     | 0.823     | -0.121    | 3.468 | 0.016     | 0.013     | 0         | 52   | 50.3 | 44.3 | 156        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 8    | 43     | 45     | 0.682     | -0.062    | 3.471 | 0.01      | 0.007     | 0         | 52.5 | 50.3 | 43.9 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 8    | 53     | 45     | 0.732     | -0.046    | 3.471 | 0.016     | 0.016     | 0         | 52.5 | 50.3 | 43.9 | 156        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 9    | 3      | 45     | 0.764     | -0.066    | 3.468 | 0.016     | 0.013     | 0         | 52   | 50.3 | 44.3 | 156        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 9    | 13     | 45     | 0.768     | -0.075    | 3.471 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 43.9 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 9    | 23     | 45     | 0.846     | -0.095    | 3.471 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 46   | 157        | 151        | 0          | 34     | 35     |
| 2009 | 6     | 7   | 9    | 33     | 45     | 0.814     | -0.108    | 3.471 | 0.016     | 0.016     | 0         | 52.5 | 50.3 | 45.6 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 9    | 43     | 45     | 0.866     | -0.105    | 3.471 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 46.4 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 9    | 53     | 45     | 0.853     | -0.135    | 3.471 | 0.013     | 0.01      | 0         | 52   | 49.9 | 45.6 | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 10   | 3      | 45     | 0.82      | -0.079    | 3.471 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 44.3 | 157        | 151        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 10   | 13     | 45     | 0.689     | -0.059    | 3.471 | 0.01      | 0.007     | 0         | 52.9 | 50.7 | 44.7 | 157        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 10   | 23     | 45     | 0.843     | -0.085    | 3.471 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 44.3 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 10   | 33     | 45     | 0.725     | -0.062    | 3.474 | 0.016     | 0.016     | 0         | 52.5 | 50.3 | 43   | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 10   | 43     | 45     | 0.81      | -0.108    | 3.474 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 49.5 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 10   | 53     | 45     | 0.866     | -0.141    | 3.474 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 46   | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 11   | 3      | 45     | 0.863     | -0.138    | 3.474 | 0.016     | 0.013     | 0         | 52.9 | 49.5 | 44.3 | 157        | 150        | 0          | 34     | 35     |
| 2009 | 6     | 7   | 11   | 13     | 45     | 0.853     | -0.138    | 3.474 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 44.3 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 11   | 23     | 45     | 0.787     | -0.135    | 3.474 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 46   | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 11   | 33     | 45     | 0.843     | -0.174    | 3.474 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 48.2 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 11   | 43     | 45     | 0.84      | -0.154    | 3.474 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 43.4 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 11   | 53     | 45     | 0.83      | -0.138    | 3.474 | 0.013     | 0.01      | 0         | 52.9 | 49.9 | 45.6 | 157        | 151        | 0          | 34     | 35     |
| 2009 | 6     | 7   | 12   | 3      | 45     | 0.856     | -0.164    | 3.478 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 44.3 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 12   | 13     | 45     | 0.85      | -0.167    | 3.474 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 45.2 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 12   | 23     | 45     | 0.804     | -0.108    | 3.478 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 45.6 | 158        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 12   | 33     | 45     | 0.823     | -0.148    | 3.478 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 44.3 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 12   | 43     | 45     | 0.915     | -0.105    | 3.478 | 0.01      | 0.007     | 0         | 53.3 | 50.3 | 46   | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 12   | 53     | 45     | 0.817     | -0.121    | 3.478 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 46.9 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 13   | 3      | 45     | 0.84      | -0.085    | 3.478 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 46   | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 13   | 13     | 45     | 0.81      | -0.167    | 3.478 | 0.016     | 0.013     | 0         | 52.9 | 50.7 | 44.7 | 158        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 13   | 23     | 45     | 0.902     | -0.144    | 3.478 | 0.013     | 0.01      | 0         | 52.9 | 51.2 | 46   | 158        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 13   | 33     | 45     | 0.843     | -0.105    | 3.481 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 49.5 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 13   | 43     | 45     | 0.817     | -0.108    | 3.481 | 0.013     | 0.01      | 0         | 52.9 | 51.2 | 45.6 | 158        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 13   | 53     | 45     | 0.827     | -0.135    | 3.481 | 0.016     | 0.016     | 0         | 53.3 | 51.2 | 48.2 | 158        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 14   | 3      | 45     | 0.906     | -0.151    | 3.481 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 46.9 | 158        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 14   | 13     | 45     | 0.873     | -0.164    | 3.481 | 0.016     | 0.016     | 0         | 53.8 | 51.6 | 48.2 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 14   | 23     | 45     | 0.843     | -0.141    | 3.481 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 46   | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 14   | 33     | 45     | 0.823     | -0.118    | 3.481 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 45.6 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 14   | 43     | 45     | 0.83      | -0.121    | 3.481 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 46.4 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 14   | 53     | 45     | 0.712     | -0.049    | 3.481 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 50.3 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 15   | 3      | 45     | 0.794     | -0.079    | 3.481 | 0.01      | 0.007     | 0         | 54.2 | 51.2 | 47.3 | 159        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 7   | 15   | 13     | 45     | 0.863     | -0.138    | 3.484 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 46.4 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 15   | 23     | 45     | 0.876     | -0.121    | 3.484 | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 47.3 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 15   | 33     | 45     | 0.863     | -0.154    | 3.484 | 0.01      | 0.007     | 0         | 54.2 | 50.7 | 45.6 | 159        | 152        | 0          | 33     | 34     |
| 2009 | 6     | 7   | 15   | 43     | 45     | 0.837     | -0.108    | 3.484 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 47.7 | 159        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 7   | 15   | 53     | 45     | 0.869     | -0.131    | 3.484 | 0.016     | 0.016     | 0         | 53.8 | 51.6 | 46.4 | 159        | 153        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 7   | 16   | 3      | 45     | 0.86      | -0.125    | 3.484 | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 47.3 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 16   | 13     | 45     | 0.794     | -0.174    | 3.484 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 45.2 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 16   | 23     | 45     | 0.892     | -0.121    | 3.484 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 45.2 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 16   | 33     | 45     | 0.833     | -0.148    | 3.484 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 47.7 | 160        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 16   | 43     | 45     | 0.883     | -0.148    | 3.484 | 0.01      | 0.007     | 0         | 54.2 | 51.2 | 43.9 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 16   | 53     | 45     | 0.797     | -0.135    | 3.484 | 0.01      | 0.007     | 0         | 54.2 | 51.6 | 49.9 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 17   | 3      | 45     | 0.866     | -0.167    | 3.484 | 0.01      | 0.007     | 0         | 53.8 | 51.6 | 49   | 160        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 17   | 13     | 45     | 0.879     | -0.144    | 3.484 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 45.6 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 17   | 23     | 45     | 0.873     | -0.161    | 3.484 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 47.3 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 17   | 33     | 45     | 0.846     | -0.125    | 3.484 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 45.2 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 17   | 43     | 45     | 0.85      | -0.138    | 3.484 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 45.6 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 17   | 53     | 45     | 0.856     | -0.128    | 3.484 | 0.013     | 0.01      | 0         | 54.2 | 50.7 | 46.9 | 159        | 152        | 0          | 33     | 34     |
| 2009 | 6     | 7   | 18   | 3      | 45     | 0.853     | -0.112    | 3.484 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 48.6 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 18   | 13     | 45     | 0.853     | -0.131    | 3.484 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 48.6 | 159        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 7   | 18   | 23     | 45     | 0.804     | -0.118    | 3.484 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 46.9 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 18   | 33     | 45     | 0.83      | -0.102    | 3.484 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 46   | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 18   | 43     | 45     | 0.85      | -0.157    | 3.484 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 46.4 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 18   | 53     | 45     | 0.817     | -0.144    | 3.484 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 45.6 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 19   | 3      | 45     | 0.843     | -0.148    | 3.484 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 43.4 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 19   | 13     | 45     | 0.86      | -0.141    | 3.484 | 0.01      | 0.007     | 0         | 53.3 | 51.2 | 46.4 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 19   | 23     | 45     | 0.896     | -0.161    | 3.484 | 0.01      | 0.007     | 0         | 53.3 | 50.7 | 45.2 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 19   | 33     | 45     | 0.883     | -0.131    | 3.484 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 44.7 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 19   | 43     | 45     | 0.86      | -0.141    | 3.484 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 45.6 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 19   | 53     | 45     | 0.807     | -0.098    | 3.484 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 45.2 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 20   | 3      | 45     | 0.837     | -0.135    | 3.484 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 45.2 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 20   | 13     | 45     | 0.915     | -0.144    | 3.484 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 46   | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 20   | 23     | 45     | 0.837     | -0.118    | 3.484 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 46.4 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 20   | 33     | 45     | 0.869     | -0.098    | 3.484 | 0.013     | 0.01      | 0         | 52.9 | 50.7 | 43.4 | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 20   | 43     | 45     | 0.886     | -0.115    | 3.484 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 46.9 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 20   | 53     | 45     | 0.833     | -0.131    | 3.484 | 0.016     | 0.016     | 0         | 52.9 | 50.7 | 45.6 | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 21   | 3      | 45     | 0.817     | -0.141    | 3.484 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 46.9 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 21   | 13     | 45     | 0.902     | -0.125    | 3.484 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 45.6 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 21   | 23     | 45     | 0.886     | -0.154    | 3.484 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 45.6 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 21   | 33     | 45     | 0.892     | -0.167    | 3.484 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 45.6 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 21   | 43     | 45     | 0.827     | -0.105    | 3.484 | 0.01      | 0.007     | 0         | 52.9 | 50.7 | 46   | 158        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 21   | 53     | 45     | 0.82      | -0.072    | 3.484 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 44.3 | 158        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 22   | 3      | 45     | 0.833     | -0.095    | 3.481 | 0.01      | 0.007     | 0         | 52.9 | 49.9 | 45.2 | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 22   | 13     | 45     | 0.709     | -0.092    | 3.484 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 45.2 | 158        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 22   | 23     | 45     | 0.846     | -0.154    | 3.481 | 0.016     | 0.013     | 0         | 52.9 | 50.7 | 45.6 | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 22   | 33     | 45     | 0.771     | -0.069    | 3.481 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 45.6 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 22   | 43     | 45     | 0.673     | 0         | 3.481 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 45.6 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 22   | 53     | 45     | 0.768     | -0.079    | 3.481 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 45.2 | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 23   | 3      | 45     | 0.709     | -0.092    | 3.481 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 46   | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 23   | 13     | 45     | 0.768     | -0.062    | 3.481 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 45.2 | 157        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 23   | 23     | 45     | 0.787     | -0.043    | 3.481 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 44.7 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 23   | 33     | 45     | 0.686     | -0.016    | 3.481 | 0.013     | 0.01      | 0         | 52.9 | 50.7 | 45.6 | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 23   | 43     | 45     | 0.83      | -0.075    | 3.481 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 46.4 | 156        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 23   | 53     | 45     | 0.771     | -0.056    | 3.481 | 0.013     | 0.01      | 0         | 52.9 | 50.7 | 44.7 | 157        | 151        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 8   | 0    | 3      | 45     | 0.715     | -0.02     | 3.481 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 44.7 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 0    | 13     | 45     | 0.833     | -0.075    | 3.481 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 45.2 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 0    | 23     | 45     | 0.676     | -0.026    | 3.478 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 44.3 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 0    | 33     | 45     | 0.758     | -0.052    | 3.478 | 0.013     | 0.01      | 0         | 52.9 | 49.9 | 46   | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 0    | 43     | 45     | 0.696     | -0.033    | 3.478 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 45.2 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 0    | 53     | 45     | 0.764     | -0.121    | 3.478 | 0.013     | 0.01      | 0         | 52.5 | 49.5 | 45.2 | 156        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 1    | 3      | 45     | 0.781     | -0.079    | 3.478 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 45.2 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 1    | 13     | 45     | 0.679     | -0.049    | 3.478 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 46   | 156        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 1    | 23     | 45     | 0.794     | -0.082    | 3.478 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 45.2 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 1    | 33     | 45     | 0.722     | -0.049    | 3.478 | 0.01      | 0.007     | 0         | 52   | 49.9 | 47.3 | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 1    | 43     | 45     | 0.745     | -0.046    | 3.478 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 45.2 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 1    | 53     | 45     | 0.692     | -0.052    | 3.478 | 0.016     | 0.016     | 0         | 52.5 | 50.3 | 44.7 | 156        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 2    | 3      | 45     | 0.699     | -0.056    | 3.474 | 0.016     | 0.016     | 0         | 52.5 | 49.9 | 45.2 | 157        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 2    | 13     | 45     | 0.719     | -0.033    | 3.474 | 0.013     | 0.01      | 0         | 52   | 50.3 | 46   | 156        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 2    | 23     | 45     | 0.84      | -0.089    | 3.474 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 44.7 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 2    | 33     | 45     | 0.633     | 0.016     | 3.474 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 44.3 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 2    | 43     | 45     | 0.715     | -0.033    | 3.474 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 45.2 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 2    | 53     | 45     | 0.679     | -0.066    | 3.474 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 45.2 | 156        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 3    | 3      | 45     | 0.65      | 0         | 3.474 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 46   | 157        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 3    | 13     | 45     | 0.774     | -0.125    | 3.474 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 45.2 | 156        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 3    | 23     | 45     | 0.663     | -0.026    | 3.474 | 0.01      | 0.007     | 0         | 52.9 | 49.9 | 45.6 | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 3    | 33     | 45     | 0.686     | -0.043    | 3.474 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 44.7 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 3    | 43     | 45     | 0.764     | -0.082    | 3.471 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 45.6 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 3    | 53     | 45     | 0.682     | -0.039    | 3.471 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 44.7 | 156        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 4    | 3      | 45     | 0.876     | -0.102    | 3.471 | 0.013     | 0.01      | 0         | 52   | 49.9 | 44.3 | 155        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 4    | 13     | 45     | 0.82      | -0.102    | 3.471 | 0.01      | 0.007     | 0         | 52.5 | 50.3 | 43.9 | 156        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 4    | 23     | 45     | 0.676     | -0.046    | 3.471 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 44.3 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 4    | 33     | 45     | 0.679     | -0.046    | 3.471 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 46   | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 4    | 43     | 45     | 0.682     | -0.062    | 3.471 | 0.016     | 0.013     | 0         | 52.5 | 50.7 | 45.2 | 157        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 4    | 53     | 45     | 0.725     | -0.03     | 3.471 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 44.7 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 5    | 3      | 45     | 0.833     | -0.102    | 3.471 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 45.6 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 5    | 13     | 45     | 0.761     | -0.059    | 3.471 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 45.2 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 5    | 23     | 45     | 0.741     | -0.056    | 3.471 | 0.013     | 0.01      | 0         | 52.9 | 49.9 | 46   | 157        | 151        | 0          | 34     | 35     |
| 2009 | 6     | 8   | 5    | 33     | 45     | 0.741     | -0.046    | 3.468 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 45.6 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 5    | 43     | 45     | 0.735     | -0.079    | 3.468 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 44.7 | 157        | 151        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 5    | 53     | 45     | 0.745     | -0.079    | 3.468 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 44.7 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 6    | 3      | 45     | 0.699     | -0.039    | 3.468 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 45.2 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 6    | 13     | 45     | 0.758     | -0.062    | 3.468 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 44.3 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 6    | 23     | 45     | 0.84      | -0.098    | 3.468 | 0.01      | 0.007     | 0         | 52.5 | 50.3 | 45.2 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 6    | 33     | 45     | 0.696     | -0.052    | 3.468 | 0.01      | 0.007     | 0         | 52.5 | 50.7 | 45.2 | 157        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 6    | 43     | 45     | 0.82      | -0.105    | 3.468 | 0.01      | 0.007     | 0         | 52   | 49.9 | 45.6 | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 6    | 53     | 45     | 0.774     | -0.075    | 3.468 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 45.6 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 7    | 3      | 45     | 0.768     | -0.085    | 3.468 | 0.016     | 0.013     | 0         | 52   | 50.3 | 44.7 | 156        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 7    | 13     | 45     | 0.843     | -0.125    | 3.465 | 0.013     | 0.01      | 0         | 52   | 49.9 | 44.7 | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 7    | 23     | 45     | 0.735     | -0.062    | 3.468 | 0.016     | 0.016     | 0         | 52.5 | 49.9 | 46   | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 7    | 33     | 45     | 0.781     | -0.059    | 3.465 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 43.4 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 7    | 43     | 45     | 0.722     | -0.046    | 3.465 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 44.3 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 7    | 53     | 45     | 0.81      | -0.095    | 3.465 | 0.016     | 0.013     | 0         | 52   | 49.9 | 45.6 | 156        | 150        | 0          | 35     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 8   | 8    | 3      | 45     | 0.745     | -0.052    | 3.465 | 0.016     | 0.013     | 0         | 52   | 49.5 | 46   | 156        | 150        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 8    | 13     | 45     | 0.876     | -0.105    | 3.465 | 0.013     | 0.01      | 0         | 52   | 49.9 | 45.2 | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 8    | 23     | 45     | 0.787     | -0.108    | 3.465 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 45.2 | 156        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 8    | 33     | 45     | 0.82      | -0.118    | 3.465 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 46   | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 8    | 43     | 45     | 0.83      | -0.125    | 3.465 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 46   | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 8    | 53     | 45     | 0.846     | -0.135    | 3.465 | 0.016     | 0.013     | 0         | 52   | 50.3 | 45.2 | 156        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 9    | 3      | 45     | 0.823     | -0.121    | 3.461 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 44.3 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 9    | 13     | 45     | 0.843     | -0.095    | 3.461 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 45.2 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 9    | 23     | 45     | 0.791     | -0.164    | 3.461 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 45.2 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 9    | 33     | 45     | 0.807     | -0.121    | 3.461 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 44.3 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 9    | 43     | 45     | 0.814     | -0.092    | 3.461 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 45.6 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 9    | 53     | 45     | 0.827     | -0.154    | 3.461 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 45.2 | 157        | 151        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 10   | 3      | 45     | 0.866     | -0.151    | 3.458 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 43   | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 10   | 13     | 45     | 0.843     | -0.154    | 3.458 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 43.4 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 10   | 23     | 45     | 0.833     | -0.18     | 3.455 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 43.4 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 10   | 33     | 45     | 0.814     | -0.115    | 3.455 | 0.01      | 0.007     | 0         | 52.5 | 50.3 | 44.7 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 10   | 43     | 45     | 0.85      | -0.161    | 3.451 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 43.9 | 157        | 151        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 10   | 53     | 45     | 0.876     | -0.161    | 3.448 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 49.5 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 11   | 3      | 45     | 0.827     | -0.121    | 3.448 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 48.2 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 11   | 13     | 45     | 0.896     | -0.138    | 3.445 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 49.5 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 11   | 23     | 45     | 0.863     | -0.151    | 3.445 | 0.013     | 0.01      | 0         | 52.9 | 51.2 | 45.6 | 157        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 11   | 33     | 45     | 0.85      | -0.144    | 3.445 | 0.01      | 0.007     | 0         | 52.5 | 50.3 | 44.3 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 11   | 43     | 45     | 0.81      | -0.102    | 3.445 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 43   | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 11   | 53     | 45     | 0.833     | -0.154    | 3.445 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 44.7 | 158        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 12   | 3      | 45     | 0.85      | -0.177    | 3.445 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 46   | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 12   | 13     | 45     | 0.778     | -0.171    | 3.445 | 0.02      | 0.016     | 0         | 53.3 | 50.7 | 45.2 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 12   | 23     | 45     | 0.846     | -0.115    | 3.445 | 0.016     | 0.016     | 0         | 52.9 | 50.7 | 46   | 157        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 12   | 33     | 45     | 0.833     | -0.118    | 3.445 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 50.7 | 158        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 12   | 43     | 45     | 0.85      | -0.154    | 3.445 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 47.3 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 12   | 53     | 45     | 0.823     | -0.135    | 3.445 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 46.4 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 13   | 3      | 45     | 0.876     | -0.125    | 3.445 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 48.6 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 13   | 13     | 45     | 0.768     | -0.089    | 3.445 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 49.9 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 13   | 23     | 45     | 0.81      | -0.125    | 3.445 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 46   | 158        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 13   | 33     | 45     | 0.83      | -0.098    | 3.445 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 46.4 | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 13   | 43     | 45     | 0.827     | -0.131    | 3.445 | 0.013     | 0.01      | 0         | 53.3 | 51.6 | 45.2 | 159        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 13   | 53     | 45     | 0.86      | -0.157    | 3.445 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 46.4 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 14   | 3      | 45     | 0.833     | -0.131    | 3.445 | 0.01      | 0.007     | 0         | 53.3 | 50.7 | 47.3 | 159        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 14   | 13     | 45     | 0.807     | -0.151    | 3.445 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 50.3 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 14   | 23     | 45     | 0.889     | -0.138    | 3.445 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 47.3 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 14   | 33     | 45     | 0.781     | -0.118    | 3.445 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 51.2 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 14   | 43     | 45     | 0.817     | -0.138    | 3.442 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 44.3 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 14   | 53     | 45     | 0.807     | -0.144    | 3.442 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 48.6 | 160        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 15   | 3      | 45     | 0.856     | -0.125    | 3.442 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 48.6 | 160        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 15   | 13     | 45     | 0.833     | -0.108    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 52   | 47.7 | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 15   | 23     | 45     | 0.794     | -0.098    | 3.438 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 47.7 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 15   | 33     | 45     | 0.83      | -0.128    | 3.442 | 0.013     | 0.01      | 0         | 55   | 52   | 46.4 | 161        | 154        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 15   | 43     | 45     | 0.856     | -0.174    | 3.438 | 0.013     | 0.01      | 0         | 54.6 | 52   | 43   | 161        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 15   | 53     | 45     | 0.892     | -0.121    | 3.435 | 0.013     | 0.01      | 0         | 54.6 | 51.6 | 42.1 | 161        | 154        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 8   | 16   | 3      | 45     | 0.856     | -0.121    | 3.438 | 0.016     | 0.013     | 0         | 55   | 51.6 | 47.3 | 161        | 154        | 0          | 33     | 34     |
| 2009 | 6     | 8   | 16   | 13     | 45     | 0.82      | -0.161    | 3.435 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 46.4 | 160        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 16   | 23     | 45     | 0.876     | -0.164    | 3.435 | 0.013     | 0.01      | 0         | 54.2 | 52   | 43.4 | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 16   | 33     | 45     | 0.856     | -0.135    | 3.435 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 49.5 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 16   | 43     | 45     | 0.827     | -0.115    | 3.435 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 48.2 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 16   | 53     | 45     | 0.81      | -0.095    | 3.432 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 45.6 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 17   | 3      | 45     | 0.886     | -0.125    | 3.432 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 47.3 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 17   | 13     | 45     | 0.827     | -0.138    | 3.432 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 47.7 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 17   | 23     | 45     | 0.827     | -0.115    | 3.435 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 48.6 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 17   | 33     | 45     | 0.781     | -0.095    | 3.432 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 47.3 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 17   | 43     | 45     | 0.833     | -0.112    | 3.428 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 50.3 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 17   | 53     | 45     | 0.797     | -0.115    | 3.432 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 53.8 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 18   | 3      | 45     | 0.807     | -0.098    | 3.425 | 0.013     | 0.01      | 0         | 54.6 | 52   | 51.2 | 160        | 154        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 18   | 13     | 45     | 0.876     | -0.125    | 3.425 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 52.5 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 18   | 23     | 45     | 0.804     | -0.125    | 3.428 | 0.01      | 0.007     | 0         | 53.8 | 51.6 | 51.6 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 18   | 33     | 45     | 0.866     | -0.157    | 3.425 | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 45.6 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 18   | 43     | 45     | 0.801     | -0.112    | 3.425 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 47.7 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 18   | 53     | 45     | 0.876     | -0.141    | 3.422 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 43.9 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 19   | 3      | 45     | 0.856     | -0.112    | 3.425 | 0.02      | 0.016     | 0         | 53.3 | 50.7 | 44.7 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 19   | 13     | 45     | 0.801     | -0.138    | 3.422 | 0.013     | 0.01      | 0         | 52.9 | 51.2 | 44.7 | 158        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 19   | 23     | 45     | 0.784     | -0.049    | 3.422 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 43.4 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 19   | 33     | 45     | 0.768     | -0.095    | 3.422 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 46.4 | 159        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 19   | 43     | 45     | 0.745     | -0.059    | 3.425 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 50.3 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 19   | 53     | 45     | 0.856     | -0.089    | 3.422 | 0.016     | 0.013     | 0         | 55.5 | 53.3 | 43   | 163        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 20   | 3      | 45     | 0.732     | -0.075    | 3.422 | 0.013     | 0.01      | 0         | 55.5 | 52.9 | 43   | 163        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 20   | 13     | 45     | 0.663     | -0.033    | 3.422 | 0.013     | 0.01      | 0         | 55   | 52.5 | 43.4 | 162        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 20   | 23     | 45     | 0.692     | -0.03     | 3.422 | 0.01      | 0.007     | 0         | 54.6 | 51.6 | 44.3 | 161        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 20   | 33     | 45     | 0.764     | -0.049    | 3.422 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 45.6 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 20   | 43     | 45     | 0.823     | -0.095    | 3.422 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 44.7 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 20   | 53     | 45     | 0.764     | -0.039    | 3.422 | 0.01      | 0.007     | 0         | 53.8 | 51.6 | 46.9 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 21   | 3      | 45     | 0.778     | -0.105    | 3.422 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 44.3 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 21   | 13     | 45     | 0.787     | -0.062    | 3.422 | 0.02      | 0.016     | 0         | 54.2 | 51.6 | 46.9 | 159        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 8   | 21   | 23     | 45     | 0.764     | -0.075    | 3.422 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 44.7 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 21   | 33     | 45     | 0.748     | -0.066    | 3.419 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 44.3 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 21   | 43     | 45     | 0.696     | -0.049    | 3.419 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 43   | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 21   | 53     | 45     | 0.741     | -0.066    | 3.419 | 0.013     | 0.01      | 0         | 53.8 | 50.3 | 43.9 | 158        | 151        | 0          | 33     | 34     |
| 2009 | 6     | 8   | 22   | 3      | 45     | 0.617     | -0.01     | 3.419 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 44.3 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 22   | 13     | 45     | 0.807     | -0.066    | 3.419 | 0.013     | 0.01      | 0         | 52.9 | 49.9 | 44.3 | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 22   | 23     | 45     | 0.663     | -0.033    | 3.419 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 46   | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 22   | 33     | 45     | 0.781     | -0.059    | 3.419 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 44.3 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 22   | 43     | 45     | 0.801     | -0.072    | 3.415 | 0.013     | 0.01      | 0         | 53.3 | 49.9 | 44.7 | 157        | 150        | 0          | 33     | 34     |
| 2009 | 6     | 8   | 22   | 53     | 45     | 0.761     | -0.066    | 3.419 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 43.4 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 23   | 3      | 45     | 0.863     | -0.118    | 3.415 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 44.7 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 23   | 13     | 45     | 0.781     | -0.043    | 3.415 | 0.013     | 0.01      | 0         | 52.5 | 49.5 | 46.9 | 156        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 23   | 23     | 45     | 0.702     | -0.046    | 3.419 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 45.2 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 23   | 33     | 45     | 0.781     | -0.043    | 3.415 | 0.01      | 0.007     | 0         | 52.9 | 49.9 | 45.2 | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 23   | 43     | 45     | 0.725     | -0.049    | 3.415 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 44.7 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 23   | 53     | 45     | 0.719     | -0.039    | 3.415 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 42.6 | 156        | 150        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 9   | 0    | 3      | 45     | 0.843     | -0.105    | 3.415 | 0.016     | 0.013     | 0         | 52   | 49   | 45.2 | 155        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 0    | 13     | 45     | 0.741     | -0.02     | 3.415 | 0.013     | 0.01      | 0         | 52   | 49.5 | 44.3 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 0    | 23     | 45     | 0.755     | -0.075    | 3.415 | 0.013     | 0.01      | 0         | 52   | 49.5 | 43.9 | 156        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 0    | 33     | 45     | 0.755     | -0.066    | 3.415 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 43   | 156        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 0    | 43     | 45     | 0.814     | -0.144    | 3.415 | 0.016     | 0.013     | 0         | 52.5 | 49.5 | 43.4 | 156        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 0    | 53     | 45     | 0.86      | -0.082    | 3.415 | 0.01      | 0.007     | 0         | 52.5 | 49.5 | 43.9 | 156        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 1    | 3      | 45     | 0.823     | -0.069    | 3.415 | 0.013     | 0.01      | 0         | 52   | 49.9 | 43.4 | 156        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 1    | 13     | 45     | 0.846     | -0.082    | 3.415 | 0.013     | 0.01      | 0         | 52.5 | 49.5 | 43.9 | 156        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 1    | 23     | 45     | 0.778     | -0.072    | 3.415 | 0.013     | 0.01      | 0         | 52.9 | 49.9 | 43.4 | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 1    | 33     | 45     | 0.817     | -0.092    | 3.415 | 0.016     | 0.013     | 0         | 52   | 49.9 | 43   | 155        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 1    | 43     | 45     | 0.673     | 0         | 3.415 | 0.013     | 0.01      | 0         | 52.9 | 49.9 | 43   | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 1    | 53     | 45     | 0.807     | -0.112    | 3.415 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 43.9 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 2    | 3      | 45     | 0.823     | -0.062    | 3.415 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 43.4 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 2    | 13     | 45     | 0.702     | -0.059    | 3.415 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 43.9 | 157        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 2    | 23     | 45     | 0.768     | -0.072    | 3.412 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 43.9 | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 2    | 33     | 45     | 0.738     | -0.007    | 3.412 | 0.016     | 0.013     | 0         | 52.9 | 50.7 | 43.9 | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 2    | 43     | 45     | 0.86      | -0.108    | 3.412 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 43.9 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 2    | 53     | 45     | 0.719     | -0.03     | 3.415 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 41.7 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 3    | 3      | 45     | 0.715     | -0.056    | 3.412 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 43.9 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 3    | 13     | 45     | 0.725     | -0.066    | 3.412 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 42.6 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 3    | 23     | 45     | 0.771     | -0.082    | 3.415 | 0.013     | 0.01      | 0         | 52.9 | 50.7 | 43.4 | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 3    | 33     | 45     | 0.81      | -0.066    | 3.415 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 43   | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 3    | 43     | 45     | 0.781     | -0.066    | 3.415 | 0.01      | 0.007     | 0         | 52.5 | 50.3 | 43.9 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 3    | 53     | 45     | 0.804     | -0.092    | 3.415 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 43   | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 4    | 3      | 45     | 0.856     | -0.141    | 3.412 | 0.013     | 0.01      | 0         | 52   | 49.9 | 42.6 | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 4    | 13     | 45     | 0.846     | -0.079    | 3.415 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 42.1 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 4    | 23     | 45     | 0.814     | -0.072    | 3.415 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 43   | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 4    | 33     | 45     | 0.794     | -0.092    | 3.415 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 41.7 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 4    | 43     | 45     | 0.719     | -0.059    | 3.415 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 42.1 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 4    | 53     | 45     | 0.823     | -0.138    | 3.415 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 43   | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 5    | 3      | 45     | 0.823     | -0.108    | 3.412 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 42.6 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 5    | 13     | 45     | 0.709     | -0.066    | 3.415 | 0.01      | 0.007     | 0         | 53.8 | 50.7 | 44.3 | 158        | 152        | 0          | 33     | 34     |
| 2009 | 6     | 9   | 5    | 23     | 45     | 0.761     | -0.082    | 3.415 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 41.3 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 5    | 33     | 45     | 0.82      | -0.112    | 3.415 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 42.6 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 5    | 43     | 45     | 0.686     | -0.059    | 3.419 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 43.4 | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 5    | 53     | 45     | 0.823     | -0.102    | 3.415 | 0.01      | 0.007     | 0         | 53.3 | 50.7 | 43.4 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 6    | 3      | 45     | 0.764     | -0.066    | 3.415 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 40.9 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 6    | 13     | 45     | 0.853     | -0.108    | 3.419 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 41.7 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 6    | 23     | 45     | 0.797     | -0.125    | 3.419 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 40.4 | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 6    | 33     | 45     | 0.738     | -0.046    | 3.419 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 40.9 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 6    | 43     | 45     | 0.856     | -0.082    | 3.419 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 42.1 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 6    | 53     | 45     | 0.791     | -0.105    | 3.419 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 43.9 | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 7    | 3      | 45     | 0.778     | -0.079    | 3.419 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 42.6 | 158        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 9   | 7    | 13     | 45     | 0.791     | -0.079    | 3.419 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 43   | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 7    | 23     | 45     | 0.738     | -0.089    | 3.422 | 0.016     | 0.013     | 0         | 53.3 | 51.6 | 43.4 | 158        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 7    | 33     | 45     | 0.673     | -0.049    | 3.422 | 0.016     | 0.013     | 0         | 54.2 | 52   | 42.6 | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 7    | 43     | 45     | 0.837     | -0.102    | 3.419 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 43.4 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 7    | 53     | 45     | 0.837     | -0.112    | 3.422 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 42.1 | 158        | 152        | 0          | 34     | 34     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 9   | 8    | 3      | 45     | 0.863     | -0.089    | 3.419 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 43   | 158        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 8    | 13     | 45     | 0.82      | -0.092    | 3.419 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 41.7 | 158        | 152        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 8    | 23     | 45     | 0.896     | -0.138    | 3.419 | 0.016     | 0.013     | 0         | 52.9 | 50.7 | 43   | 158        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 8    | 33     | 45     | 0.837     | -0.105    | 3.419 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 43   | 158        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 8    | 43     | 45     | 0.807     | -0.085    | 3.415 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 43   | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 8    | 53     | 45     | 0.817     | -0.108    | 3.415 | 0.01      | 0.007     | 0         | 53.3 | 51.2 | 42.6 | 158        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 9    | 3      | 45     | 0.84      | -0.098    | 3.415 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 43.4 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 9    | 13     | 45     | 0.876     | -0.144    | 3.415 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 43.9 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 9    | 23     | 45     | 0.866     | -0.108    | 3.415 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 43.9 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 9    | 33     | 45     | 0.817     | -0.128    | 3.412 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 43   | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 9    | 43     | 45     | 0.827     | -0.128    | 3.415 | 0.016     | 0.013     | 0         | 54.2 | 50.7 | 44.3 | 159        | 152        | 0          | 33     | 34     |
| 2009 | 6     | 9   | 9    | 53     | 45     | 0.853     | -0.167    | 3.412 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 45.2 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 10   | 3      | 45     | 0.761     | -0.108    | 3.412 | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 44.7 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 10   | 13     | 45     | 0.823     | -0.167    | 3.412 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 45.6 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 10   | 23     | 45     | 0.814     | -0.115    | 3.412 | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 43.4 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 10   | 33     | 45     | 0.797     | -0.131    | 3.409 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 44.3 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 10   | 43     | 45     | 0.804     | -0.121    | 3.409 | 0.01      | 0.007     | 0         | 53.8 | 51.6 | 45.6 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 10   | 53     | 45     | 0.85      | -0.121    | 3.409 | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 44.7 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 11   | 3      | 45     | 0.725     | -0.085    | 3.412 | 0.01      | 0.007     | 0         | 54.2 | 51.6 | 46   | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 11   | 13     | 45     | 0.81      | -0.148    | 3.409 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 44.3 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 11   | 23     | 45     | 0.856     | -0.161    | 3.412 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 46.4 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 11   | 33     | 45     | 0.807     | -0.135    | 3.409 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 44.7 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 11   | 43     | 45     | 0.823     | -0.118    | 3.409 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 46.9 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 11   | 53     | 45     | 0.823     | -0.112    | 3.409 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 49.9 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 12   | 3      | 45     | 0.85      | -0.167    | 3.409 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 48.6 | 160        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 12   | 13     | 45     | 0.784     | -0.102    | 3.409 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 47.7 | 160        | 154        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 12   | 23     | 45     | 0.827     | -0.164    | 3.409 | 0.01      | 0.007     | 0         | 53.8 | 51.6 | 47.7 | 160        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 12   | 33     | 45     | 0.751     | -0.105    | 3.412 | 0.016     | 0.013     | 0         | 54.6 | 52   | 52   | 161        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 12   | 43     | 45     | 0.85      | -0.105    | 3.409 | 0.016     | 0.013     | 0         | 54.6 | 52   | 47.7 | 161        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 12   | 53     | 45     | 0.794     | -0.115    | 3.409 | 0.016     | 0.013     | 0         | 54.6 | 52   | 50.7 | 161        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 13   | 3      | 45     | 0.814     | -0.118    | 3.412 | 0.013     | 0.01      | 0         | 54.6 | 52   | 47.7 | 161        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 13   | 13     | 45     | 0.889     | -0.125    | 3.412 | 0.013     | 0.01      | 0         | 54.6 | 52   | 54.2 | 161        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 13   | 23     | 45     | 0.866     | -0.131    | 3.412 | 0.016     | 0.013     | 0         | 54.2 | 52   | 51.6 | 160        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 13   | 33     | 45     | 0.827     | -0.144    | 3.412 | 0.016     | 0.013     | 0         | 54.6 | 52   | 49.5 | 161        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 13   | 43     | 45     | 0.84      | -0.128    | 3.412 | 0.02      | 0.016     | 0         | 55   | 52.9 | 48.6 | 162        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 13   | 53     | 45     | 0.814     | -0.125    | 3.419 | 0.016     | 0.013     | 0         | 55.5 | 52.9 | 46   | 163        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 14   | 3      | 45     | 0.807     | -0.121    | 3.412 | 0.013     | 0.01      | 0         | 56.3 | 53.8 | 44.7 | 165        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 14   | 13     | 45     | 0.876     | -0.148    | 3.409 | 0.013     | 0.01      | 0         | 56.3 | 54.2 | 44.3 | 165        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 14   | 23     | 45     | 0.886     | -0.148    | 3.412 | 0.016     | 0.013     | 0         | 56.8 | 53.8 | 43.4 | 165        | 159        | 0          | 33     | 34     |
| 2009 | 6     | 9   | 14   | 33     | 45     | 0.86      | -0.108    | 3.409 | 0.016     | 0.013     | 0         | 55.9 | 53.8 | 43.9 | 164        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 14   | 43     | 45     | 0.817     | -0.121    | 3.409 | 0.016     | 0.013     | 0         | 55.9 | 53.8 | 43.4 | 164        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 14   | 53     | 45     | 0.879     | -0.112    | 3.409 | 0.013     | 0.01      | 0         | 55.9 | 53.8 | 43.9 | 164        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 15   | 3      | 45     | 0.83      | -0.128    | 3.412 | 0.013     | 0.01      | 0         | 55.9 | 52.9 | 47.3 | 164        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 15   | 13     | 45     | 0.876     | -0.131    | 3.412 | 0.016     | 0.013     | 0         | 55.5 | 53.3 | 46.4 | 163        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 15   | 23     | 45     | 0.827     | -0.105    | 3.412 | 0.013     | 0.01      | 0         | 55.5 | 53.3 | 51.2 | 163        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 15   | 33     | 45     | 0.781     | -0.112    | 3.412 | 0.016     | 0.013     | 0         | 55.5 | 52.9 | 49.5 | 163        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 15   | 43     | 45     | 0.804     | -0.092    | 3.412 | 0.013     | 0.01      | 0         | 55.5 | 52.9 | 48.6 | 163        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 15   | 53     | 45     | 0.853     | -0.141    | 3.412 | 0.013     | 0.01      | 0         | 55   | 52.5 | 45.2 | 162        | 156        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 9   | 16   | 3      | 45     | 0.866     | -0.098    | 3.409 | 0.016     | 0.013     | 0         | 55.5 | 52.9 | 46.4 | 162        | 156        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 16   | 13     | 45     | 0.81      | -0.095    | 3.412 | 0.01      | 0.007     | 0         | 55   | 52.9 | 49   | 162        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 16   | 23     | 45     | 0.843     | -0.135    | 3.412 | 0.016     | 0.016     | 0         | 55   | 52.5 | 48.6 | 162        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 16   | 33     | 45     | 0.873     | -0.148    | 3.409 | 0.013     | 0.01      | 0         | 55   | 52.5 | 49   | 161        | 155        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 16   | 43     | 45     | 0.866     | -0.121    | 3.412 | 0.013     | 0.01      | 0         | 54.6 | 52.5 | 48.6 | 161        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 16   | 53     | 45     | 0.827     | -0.128    | 3.412 | 0.016     | 0.013     | 0         | 54.6 | 52.5 | 46.9 | 161        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 17   | 3      | 45     | 0.81      | -0.131    | 3.412 | 0.016     | 0.013     | 0         | 54.6 | 52.5 | 48.6 | 161        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 17   | 13     | 45     | 0.876     | -0.118    | 3.409 | 0.013     | 0.01      | 0         | 55   | 52   | 46   | 161        | 154        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 17   | 23     | 45     | 0.86      | -0.135    | 3.409 | 0.01      | 0.007     | 0         | 54.6 | 52   | 45.6 | 160        | 154        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 17   | 33     | 45     | 0.86      | -0.131    | 3.409 | 0.013     | 0.01      | 0         | 54.2 | 52   | 46.9 | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 17   | 43     | 45     | 0.817     | -0.095    | 3.409 | 0.016     | 0.013     | 0         | 54.6 | 52   | 47.3 | 161        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 17   | 53     | 45     | 0.807     | -0.138    | 3.409 | 0.013     | 0.01      | 0         | 54.6 | 52   | 48.2 | 161        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 18   | 3      | 45     | 0.719     | -0.128    | 3.409 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 49   | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 18   | 13     | 45     | 0.86      | -0.148    | 3.409 | 0.016     | 0.013     | 0         | 54.2 | 52   | 44.3 | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 18   | 23     | 45     | 0.801     | -0.121    | 3.409 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 46   | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 18   | 33     | 45     | 0.774     | -0.138    | 3.409 | 0.016     | 0.013     | 0         | 54.2 | 52   | 46   | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 18   | 43     | 45     | 0.82      | -0.079    | 3.409 | 0.013     | 0.01      | 0         | 54.2 | 52   | 45.2 | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 18   | 53     | 45     | 0.768     | -0.069    | 3.409 | 0.013     | 0.01      | 0         | 54.6 | 52   | 48.2 | 160        | 154        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 19   | 3      | 45     | 0.797     | -0.085    | 3.409 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 45.6 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 19   | 13     | 45     | 0.804     | -0.102    | 3.409 | 0.013     | 0.01      | 0         | 54.6 | 51.2 | 46.9 | 160        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 9   | 19   | 23     | 45     | 0.883     | -0.131    | 3.409 | 0.016     | 0.013     | 0         | 53.8 | 52   | 49   | 160        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 19   | 33     | 45     | 0.784     | -0.082    | 3.409 | 0.016     | 0.013     | 0         | 54.2 | 52   | 47.3 | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 19   | 43     | 45     | 0.853     | -0.075    | 3.409 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 44.7 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 19   | 53     | 45     | 0.814     | -0.112    | 3.409 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 45.6 | 159        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 9   | 20   | 3      | 45     | 0.761     | -0.075    | 3.409 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 45.2 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 20   | 13     | 45     | 0.791     | -0.079    | 3.409 | 0.01      | 0.007     | 0         | 54.2 | 51.6 | 46   | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 20   | 23     | 45     | 0.673     | -0.049    | 3.409 | 0.013     | 0.01      | 0         | 54.2 | 52   | 45.2 | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 20   | 33     | 45     | 0.902     | -0.118    | 3.409 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 46.9 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 20   | 43     | 45     | 0.784     | -0.039    | 3.409 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 45.2 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 20   | 53     | 45     | 0.682     | -0.033    | 3.409 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 46.4 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 21   | 3      | 45     | 0.732     | -0.03     | 3.409 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 46   | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 21   | 13     | 45     | 0.81      | -0.102    | 3.409 | 0.02      | 0.016     | 0         | 53.8 | 51.6 | 44.7 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 21   | 23     | 45     | 0.843     | -0.125    | 3.409 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 44.7 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 21   | 33     | 45     | 0.725     | -0.016    | 3.409 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 45.6 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 21   | 43     | 45     | 0.814     | -0.118    | 3.409 | 0.016     | 0.016     | 0         | 53.3 | 51.2 | 45.2 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 21   | 53     | 45     | 0.797     | -0.125    | 3.409 | 0.016     | 0.016     | 0         | 53.3 | 51.2 | 46.4 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 22   | 3      | 45     | 0.666     | -0.033    | 3.409 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 46   | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 22   | 13     | 45     | 0.679     | -0.046    | 3.409 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 44.7 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 22   | 23     | 45     | 0.823     | -0.108    | 3.409 | 0.013     | 0.01      | 0         | 52.9 | 50.7 | 47.3 | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 22   | 33     | 45     | 0.748     | -0.075    | 3.409 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 46.4 | 158        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 9   | 22   | 43     | 45     | 0.627     | -0.03     | 3.409 | 0.013     | 0.01      | 0         | 54.2 | 50.7 | 45.2 | 159        | 152        | 0          | 33     | 34     |
| 2009 | 6     | 9   | 22   | 53     | 45     | 0.781     | -0.062    | 3.409 | 0.02      | 0.016     | 0         | 53.3 | 50.7 | 46.9 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 23   | 3      | 45     | 0.774     | -0.072    | 3.409 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 45.2 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 23   | 13     | 45     | 0.83      | -0.092    | 3.409 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 45.2 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 23   | 23     | 45     | 0.758     | -0.112    | 3.409 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 45.6 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 23   | 33     | 45     | 0.823     | -0.072    | 3.409 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 45.2 | 158        | 152        | 0          | 33     | 34     |
| 2009 | 6     | 9   | 23   | 43     | 45     | 0.735     | -0.082    | 3.406 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 44.7 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 23   | 53     | 45     | 0.676     | -0.01     | 3.409 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 45.6 | 158        | 152        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 10  | 0    | 3      | 45     | 0.82      | -0.108    | 3.409 | 0.01      | 0.007     | 0         | 53.3 | 51.2 | 46.4 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 0    | 13     | 45     | 0.751     | -0.079    | 3.409 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 44.7 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 0    | 23     | 45     | 0.751     | -0.082    | 3.406 | 0.01      | 0.007     | 0         | 53.3 | 51.2 | 44.3 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 0    | 33     | 45     | 0.804     | -0.092    | 3.406 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 45.2 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 0    | 43     | 45     | 0.814     | -0.102    | 3.406 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 46.4 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 0    | 53     | 45     | 0.804     | -0.105    | 3.406 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 44.7 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 1    | 3      | 45     | 0.725     | -0.066    | 3.406 | 0.013     | 0.01      | 0         | 52.9 | 51.2 | 44.7 | 158        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 1    | 13     | 45     | 0.778     | -0.105    | 3.406 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 44.3 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 1    | 23     | 45     | 0.85      | -0.108    | 3.406 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 43.9 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 1    | 33     | 45     | 0.807     | -0.079    | 3.406 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 44.3 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 1    | 43     | 45     | 0.846     | -0.128    | 3.406 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 46   | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 1    | 53     | 45     | 0.646     | -0.039    | 3.406 | 0.016     | 0.013     | 0         | 52.9 | 51.2 | 44.7 | 158        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 2    | 3      | 45     | 0.705     | -0.03     | 3.406 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 45.2 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 2    | 13     | 45     | 0.636     | -0.046    | 3.406 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 44.3 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 2    | 23     | 45     | 0.876     | -0.105    | 3.406 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 44.3 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 2    | 33     | 45     | 0.768     | -0.089    | 3.406 | 0.016     | 0.013     | 0         | 52.9 | 50.7 | 44.7 | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 2    | 43     | 45     | 0.833     | -0.141    | 3.406 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 44.3 | 157        | 151        | 0          | 33     | 34     |
| 2009 | 6     | 10  | 2    | 53     | 45     | 0.751     | -0.079    | 3.406 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 44.3 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 3    | 3      | 45     | 0.85      | -0.108    | 3.406 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 43.9 | 158        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 3    | 13     | 45     | 0.732     | -0.085    | 3.406 | 0.01      | 0.007     | 0         | 52.9 | 50.7 | 45.6 | 158        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 3    | 23     | 45     | 0.725     | -0.075    | 3.406 | 0.016     | 0.013     | 0         | 52.9 | 50.7 | 43   | 158        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 3    | 33     | 45     | 0.751     | -0.066    | 3.406 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 44.7 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 3    | 43     | 45     | 0.669     | -0.016    | 3.406 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 44.7 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 3    | 53     | 45     | 0.814     | -0.154    | 3.406 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 43.4 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 4    | 3      | 45     | 0.837     | -0.049    | 3.406 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 42.1 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 4    | 13     | 45     | 0.732     | -0.049    | 3.406 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 45.2 | 158        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 4    | 23     | 45     | 0.814     | -0.098    | 3.406 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 45.2 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 4    | 33     | 45     | 0.804     | -0.098    | 3.406 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 44.7 | 158        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 4    | 43     | 45     | 0.666     | -0.049    | 3.406 | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 43.4 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 4    | 53     | 45     | 0.814     | -0.108    | 3.406 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 45.6 | 159        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 10  | 5    | 3      | 45     | 0.84      | -0.141    | 3.406 | 0.013     | 0.01      | 0         | 53.3 | 51.6 | 43.9 | 158        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 5    | 13     | 45     | 0.837     | -0.092    | 3.406 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 45.2 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 5    | 23     | 45     | 0.679     | -0.03     | 3.406 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 43.9 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 5    | 33     | 45     | 0.771     | -0.105    | 3.406 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 43.4 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 5    | 43     | 45     | 0.794     | -0.069    | 3.406 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 43.4 | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 5    | 53     | 45     | 0.823     | -0.138    | 3.406 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 43.9 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 6    | 3      | 45     | 0.761     | -0.121    | 3.406 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 42.6 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 6    | 13     | 45     | 0.846     | -0.157    | 3.409 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 43.9 | 159        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 6    | 23     | 45     | 0.801     | -0.171    | 3.409 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 43   | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 6    | 33     | 45     | 0.741     | -0.066    | 3.406 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 43.9 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 6    | 43     | 45     | 0.85      | -0.112    | 3.406 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 43   | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 6    | 53     | 45     | 0.84      | -0.128    | 3.409 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 43.9 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 7    | 3      | 45     | 0.866     | -0.135    | 3.409 | 0.01      | 0.007     | 0         | 53.8 | 51.6 | 45.2 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 7    | 13     | 45     | 0.797     | -0.115    | 3.409 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 43   | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 7    | 23     | 45     | 0.83      | -0.098    | 3.409 | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 43.4 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 7    | 33     | 45     | 0.817     | -0.121    | 3.409 | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 42.6 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 7    | 43     | 45     | 0.846     | -0.125    | 3.409 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 44.3 | 159        | 153        | 0          | 34     | 35     |
| 2009 | 6     | 10  | 7    | 53     | 45     | 0.817     | -0.161    | 3.409 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 43.9 | 159        | 153        | 0          | 35     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 10  | 8    | 3      | 45     | 0.83      | -0.108    | 3.409 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 43.4 | 159        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 10  | 8    | 13     | 45     | 0.784     | -0.102    | 3.409 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 43   | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 8    | 23     | 45     | 0.843     | -0.167    | 3.409 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 42.6 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 8    | 33     | 45     | 0.82      | -0.131    | 3.409 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 44.7 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 8    | 43     | 45     | 0.856     | -0.141    | 3.409 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 44.3 | 158        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 8    | 53     | 45     | 0.797     | -0.108    | 3.409 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 47.7 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 9    | 3      | 45     | 0.764     | -0.089    | 3.409 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 44.3 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 9    | 13     | 45     | 0.82      | -0.138    | 3.409 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 43.9 | 159        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 9    | 23     | 45     | 0.879     | -0.125    | 3.409 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 43.9 | 160        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 9    | 33     | 45     | 0.843     | -0.095    | 3.409 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 43.9 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 9    | 43     | 45     | 0.797     | -0.079    | 3.409 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 43.4 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 9    | 53     | 45     | 0.86      | -0.154    | 3.409 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 43.9 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 10   | 3      | 45     | 0.83      | -0.085    | 3.409 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 43.9 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 10   | 13     | 45     | 0.735     | -0.049    | 3.409 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 45.2 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 10   | 23     | 45     | 0.787     | -0.089    | 3.409 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 45.2 | 159        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 10   | 33     | 45     | 0.889     | -0.128    | 3.409 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 44.7 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 10   | 43     | 45     | 0.853     | -0.121    | 3.409 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 43.9 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 10   | 53     | 45     | 0.866     | -0.092    | 3.409 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 44.3 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 11   | 3      | 45     | 0.896     | -0.154    | 3.409 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 45.2 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 11   | 13     | 45     | 0.764     | -0.085    | 3.409 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 45.6 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 11   | 23     | 45     | 0.804     | -0.125    | 3.409 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 44.7 | 158        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 11   | 33     | 45     | 0.771     | -0.049    | 3.409 | 0.016     | 0.013     | 0         | 52.9 | 50.7 | 44.3 | 158        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 11   | 43     | 45     | 0.686     | -0.03     | 3.409 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 44.3 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 11   | 53     | 45     | 0.778     | -0.089    | 3.409 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 44.7 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 12   | 3      | 45     | 0.807     | -0.118    | 3.409 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 44.7 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 12   | 13     | 45     | 0.709     | -0.049    | 3.409 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 46.9 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 12   | 23     | 45     | 0.84      | -0.102    | 3.412 | 0.01      | 0.007     | 0         | 53.3 | 50.7 | 46   | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 12   | 33     | 45     | 0.837     | -0.112    | 3.409 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 45.6 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 12   | 43     | 45     | 0.837     | -0.174    | 3.412 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 44.7 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 12   | 53     | 45     | 0.837     | -0.075    | 3.412 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 46.4 | 158        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 13   | 3      | 45     | 0.781     | -0.059    | 3.412 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 45.6 | 159        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 10  | 13   | 13     | 45     | 0.817     | -0.135    | 3.412 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 47.7 | 158        | 152        | 0          | 33     | 34     |
| 2009 | 6     | 10  | 13   | 23     | 45     | 0.843     | -0.125    | 3.412 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 57.2 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 13   | 33     | 45     | 0.85      | -0.098    | 3.412 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 56.3 | 159        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 10  | 13   | 43     | 45     | 0.84      | -0.108    | 3.412 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 54.6 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 13   | 53     | 45     | 0.846     | -0.112    | 3.412 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 45.6 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 14   | 3      | 45     | 0.82      | -0.141    | 3.412 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 44.7 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 14   | 13     | 45     | 0.833     | -0.115    | 3.412 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 49.5 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 14   | 23     | 45     | 0.787     | -0.135    | 3.412 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 44.3 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 14   | 33     | 45     | 0.866     | -0.125    | 3.412 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 46.9 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 14   | 43     | 45     | 0.83      | -0.135    | 3.412 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 46.9 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 14   | 53     | 45     | 0.81      | -0.052    | 3.412 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 44.3 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 15   | 3      | 45     | 0.837     | -0.095    | 3.412 | 0.01      | 0.007     | 0         | 54.2 | 51.6 | 46.4 | 159        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 15   | 13     | 45     | 0.889     | -0.138    | 3.412 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 50.3 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 15   | 23     | 45     | 0.892     | -0.141    | 3.412 | 0.016     | 0.013     | 0         | 54.6 | 52   | 46   | 161        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 15   | 33     | 45     | 0.817     | -0.144    | 3.412 | 0.016     | 0.013     | 0         | 54.6 | 51.2 | 46.9 | 160        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 10  | 15   | 43     | 45     | 0.876     | -0.125    | 3.412 | 0.016     | 0.016     | 0         | 53.3 | 51.2 | 53.8 | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 15   | 53     | 45     | 0.837     | -0.164    | 3.412 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 50.3 | 160        | 153        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 10  | 16   | 3      | 45     | 0.784     | -0.066    | 3.412 | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 48.2 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 16   | 13     | 45     | 0.837     | -0.154    | 3.412 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 51.6 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 16   | 23     | 45     | 0.843     | -0.131    | 3.412 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 45.2 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 16   | 33     | 45     | 0.866     | -0.131    | 3.412 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 47.3 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 16   | 43     | 45     | 0.843     | -0.095    | 3.412 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 48.6 | 159        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 16   | 53     | 45     | 0.853     | -0.174    | 3.412 | 0.01      | 0.007     | 0         | 53.3 | 51.2 | 46   | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 17   | 3      | 45     | 0.892     | -0.108    | 3.412 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 46   | 158        | 152        | 0          | 33     | 34     |
| 2009 | 6     | 10  | 17   | 13     | 45     | 0.82      | -0.141    | 3.412 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 48.6 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 17   | 23     | 45     | 0.909     | -0.157    | 3.415 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 48.6 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 17   | 33     | 45     | 0.81      | -0.075    | 3.415 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 49.9 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 17   | 43     | 45     | 0.833     | -0.144    | 3.412 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 48.2 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 17   | 53     | 45     | 0.84      | -0.141    | 3.412 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 46.9 | 159        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 10  | 18   | 3      | 45     | 0.817     | -0.082    | 3.412 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 44.3 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 18   | 13     | 45     | 0.774     | -0.079    | 3.412 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 43.9 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 18   | 23     | 45     | 0.801     | -0.056    | 3.415 | 0.01      | 0.007     | 0         | 53.3 | 50.7 | 45.2 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 18   | 33     | 45     | 0.689     | -0.043    | 3.415 | 0.016     | 0.016     | 0         | 53.8 | 50.3 | 43.9 | 159        | 152        | 0          | 34     | 35     |
| 2009 | 6     | 10  | 18   | 43     | 45     | 0.817     | -0.049    | 3.415 | 0.01      | 0.007     | 0         | 53.3 | 51.2 | 43.4 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 18   | 53     | 45     | 0.761     | -0.056    | 3.415 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 45.2 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 19   | 3      | 45     | 0.892     | -0.141    | 3.415 | 0.016     | 0.016     | 0         | 52.9 | 50.7 | 45.2 | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 19   | 13     | 45     | 0.837     | -0.108    | 3.415 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 46.4 | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 19   | 23     | 45     | 0.853     | -0.098    | 3.415 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 43.9 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 19   | 33     | 45     | 0.758     | -0.082    | 3.415 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 45.6 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 19   | 43     | 45     | 0.892     | -0.125    | 3.415 | 0.01      | 0.007     | 0         | 53.3 | 50.3 | 44.7 | 157        | 151        | 0          | 33     | 34     |
| 2009 | 6     | 10  | 19   | 53     | 45     | 0.827     | -0.079    | 3.415 | 0.01      | 0.007     | 0         | 53.3 | 50.3 | 44.7 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 20   | 3      | 45     | 0.712     | -0.075    | 3.415 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 43   | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 20   | 13     | 45     | 0.787     | -0.105    | 3.415 | 0.01      | 0.007     | 0         | 53.3 | 50.7 | 44.3 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 20   | 23     | 45     | 0.784     | -0.082    | 3.415 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 44.3 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 20   | 33     | 45     | 0.686     | -0.049    | 3.419 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 43.9 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 20   | 43     | 45     | 0.696     | -0.036    | 3.419 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 43.9 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 20   | 53     | 45     | 0.879     | -0.125    | 3.419 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 43   | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 21   | 3      | 45     | 0.82      | -0.072    | 3.419 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 43   | 157        | 151        | 0          | 33     | 34     |
| 2009 | 6     | 10  | 21   | 13     | 45     | 0.755     | -0.079    | 3.419 | 0.013     | 0.01      | 0         | 52.9 | 50.7 | 43.4 | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 21   | 23     | 45     | 0.81      | -0.089    | 3.422 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 44.7 | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 21   | 33     | 45     | 0.702     | -0.007    | 3.422 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 43.9 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 21   | 43     | 45     | 0.738     | -0.03     | 3.422 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 43.4 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 21   | 53     | 45     | 0.794     | -0.056    | 3.428 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 43   | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 22   | 3      | 45     | 0.856     | -0.135    | 3.428 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 43.4 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 22   | 13     | 45     | 0.653     | -0.023    | 3.432 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 44.7 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 22   | 23     | 45     | 0.817     | -0.092    | 3.432 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 43.9 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 22   | 33     | 45     | 0.686     | -0.033    | 3.432 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 43.9 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 22   | 43     | 45     | 0.82      | -0.108    | 3.432 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 43.4 | 157        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 22   | 53     | 45     | 0.807     | -0.108    | 3.435 | 0.01      | 0.007     | 0         | 52.5 | 50.3 | 44.3 | 156        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 23   | 3      | 45     | 0.627     | -0.049    | 3.435 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 43.9 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 23   | 13     | 45     | 0.856     | -0.144    | 3.435 | 0.016     | 0.016     | 0         | 52   | 49.5 | 44.7 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 23   | 23     | 45     | 0.725     | -0.108    | 3.435 | 0.013     | 0.01      | 0         | 52   | 50.3 | 44.7 | 156        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 23   | 33     | 45     | 0.814     | -0.046    | 3.435 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 46   | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 23   | 43     | 45     | 0.682     | -0.036    | 3.435 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 44.7 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 23   | 53     | 45     | 0.843     | -0.102    | 3.435 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 45.2 | 156        | 150        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 11  | 0    | 3      | 45     | 0.86      | -0.144    | 3.435 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 45.2 | 156        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 0    | 13     | 45     | 0.807     | -0.085    | 3.438 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 45.2 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 0    | 23     | 45     | 0.702     | -0.049    | 3.438 | 0.013     | 0.01      | 0         | 52.9 | 49.9 | 46   | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 0    | 33     | 45     | 0.758     | -0.075    | 3.438 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 45.6 | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 0    | 43     | 45     | 0.715     | -0.062    | 3.438 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 46   | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 0    | 53     | 45     | 0.699     | -0.049    | 3.438 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 46.4 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 1    | 3      | 45     | 0.669     | -0.033    | 3.438 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 46   | 157        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 1    | 13     | 45     | 0.863     | -0.125    | 3.438 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 45.6 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 1    | 23     | 45     | 0.761     | -0.105    | 3.438 | 0.016     | 0.013     | 0         | 52   | 49.9 | 45.2 | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 1    | 33     | 45     | 0.748     | -0.052    | 3.438 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 45.2 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 1    | 43     | 45     | 0.696     | -0.089    | 3.438 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 45.2 | 157        | 151        | 0          | 33     | 34     |
| 2009 | 6     | 11  | 1    | 53     | 45     | 0.758     | -0.108    | 3.438 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 44.7 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 2    | 3      | 45     | 0.84      | -0.092    | 3.438 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 45.2 | 157        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 2    | 13     | 45     | 0.705     | -0.046    | 3.438 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 43.4 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 2    | 23     | 45     | 0.853     | -0.059    | 3.438 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 46   | 157        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 2    | 33     | 45     | 0.699     | -0.043    | 3.438 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 43.9 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 2    | 43     | 45     | 0.889     | -0.135    | 3.438 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 45.2 | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 2    | 53     | 45     | 0.735     | -0.102    | 3.438 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 45.6 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 3    | 3      | 45     | 0.925     | -0.161    | 3.438 | 0.013     | 0.01      | 0         | 52   | 49.9 | 45.2 | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 3    | 13     | 45     | 0.827     | -0.121    | 3.442 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 44.7 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 3    | 23     | 45     | 0.682     | -0.066    | 3.442 | 0.013     | 0.01      | 0         | 52.9 | 50.7 | 46   | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 3    | 33     | 45     | 0.85      | -0.085    | 3.442 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 45.6 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 3    | 43     | 45     | 0.853     | -0.121    | 3.442 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 44.3 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 3    | 53     | 45     | 0.745     | -0.036    | 3.442 | 0.01      | 0.007     | 0         | 53.3 | 49.9 | 44.3 | 158        | 151        | 0          | 34     | 35     |
| 2009 | 6     | 11  | 4    | 3      | 45     | 0.755     | -0.072    | 3.442 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 43   | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 4    | 13     | 45     | 0.827     | -0.069    | 3.442 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 44.3 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 4    | 23     | 45     | 0.807     | -0.098    | 3.442 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 44.3 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 4    | 33     | 45     | 0.837     | -0.112    | 3.442 | 0.013     | 0.01      | 0         | 52.9 | 49.9 | 45.6 | 157        | 151        | 0          | 34     | 35     |
| 2009 | 6     | 11  | 4    | 43     | 45     | 0.781     | -0.121    | 3.442 | 0.013     | 0.01      | 0         | 52.9 | 49.9 | 45.6 | 157        | 151        | 0          | 34     | 35     |
| 2009 | 6     | 11  | 4    | 53     | 45     | 0.768     | -0.092    | 3.442 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 42.6 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 5    | 3      | 45     | 0.804     | -0.082    | 3.442 | 0.01      | 0.007     | 0         | 53.3 | 50.3 | 43.9 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 5    | 13     | 45     | 0.787     | -0.046    | 3.442 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 43.9 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 5    | 23     | 45     | 0.807     | -0.079    | 3.442 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 43.4 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 5    | 33     | 45     | 0.686     | -0.033    | 3.442 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 43.9 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 5    | 43     | 45     | 0.82      | -0.108    | 3.442 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 43.4 | 158        | 152        | 0          | 34     | 35     |
| 2009 | 6     | 11  | 5    | 53     | 45     | 0.732     | -0.066    | 3.445 | 0.01      | 0.007     | 0         | 53.3 | 50.7 | 42.1 | 159        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 6    | 3      | 45     | 0.82      | -0.092    | 3.442 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 44.3 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 6    | 13     | 45     | 0.863     | -0.115    | 3.445 | 0.01      | 0.007     | 0         | 53.3 | 50.7 | 42.6 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 6    | 23     | 45     | 0.909     | -0.144    | 3.445 | 0.013     | 0.01      | 0         | 52.9 | 50.7 | 42.1 | 158        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 6    | 33     | 45     | 0.804     | -0.108    | 3.445 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 42.1 | 159        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 6    | 43     | 45     | 0.732     | -0.049    | 3.445 | 0.016     | 0.013     | 0         | 53.3 | 51.6 | 42.1 | 159        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 6    | 53     | 45     | 0.85      | -0.092    | 3.445 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 42.1 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 7    | 3      | 45     | 0.741     | -0.075    | 3.448 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 42.1 | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 7    | 13     | 45     | 0.791     | -0.072    | 3.448 | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 43   | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 7    | 23     | 45     | 0.63      | -0.016    | 3.448 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 42.1 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 7    | 33     | 45     | 0.879     | -0.138    | 3.448 | 0.013     | 0.01      | 0         | 52.9 | 50.7 | 42.1 | 158        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 7    | 43     | 45     | 0.846     | -0.089    | 3.448 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 42.6 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 7    | 53     | 45     | 0.696     | -0.079    | 3.451 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 43   | 159        | 153        | 0          | 35     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 11  | 8    | 3      | 45     | 0.784     | -0.059    | 3.451 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 43   | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 8    | 13     | 45     | 0.797     | -0.098    | 3.455 | 0.016     | 0.013     | 0         | 53.3 | 51.6 | 42.1 | 159        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 8    | 23     | 45     | 0.827     | -0.121    | 3.455 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 41.7 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 8    | 41     | 28     | 0.833     | -0.135    | 3.455 | 0.016     | 0.016     | 0         | 53.3 | 51.6 | 43   | 158        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 8    | 51     | 28     | 0.804     | -0.125    | 3.455 | 0.016     | 0.016     | 0         | 53.3 | 51.6 | 42.6 | 159        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 9    | 1      | 28     | 0.889     | -0.121    | 3.455 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 42.6 | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 9    | 11     | 28     | 0.804     | -0.108    | 3.458 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 43.4 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 9    | 21     | 28     | 0.85      | -0.075    | 3.455 | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 43   | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 9    | 31     | 28     | 0.804     | -0.092    | 3.458 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 43.4 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 9    | 41     | 28     | 0.86      | -0.135    | 3.458 | 0.01      | 0.007     | 0         | 53.8 | 50.7 | 43.4 | 159        | 153        | 0          | 34     | 35     |
| 2009 | 6     | 11  | 9    | 51     | 28     | 0.764     | -0.049    | 3.458 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 42.6 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 10   | 1      | 28     | 0.869     | -0.131    | 3.458 | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 41.7 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 10   | 11     | 28     | 0.853     | -0.115    | 3.458 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 44.3 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 10   | 21     | 28     | 0.879     | -0.108    | 3.458 | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 43   | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 10   | 31     | 28     | 0.863     | -0.148    | 3.458 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 44.3 | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 10   | 41     | 28     | 0.902     | -0.108    | 3.458 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 43   | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 10   | 51     | 28     | 0.814     | -0.125    | 3.458 | 0.01      | 0.007     | 0         | 54.2 | 51.6 | 43.9 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 11   | 1      | 28     | 0.823     | -0.141    | 3.458 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 44.3 | 160        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 11  | 11   | 11     | 28     | 0.853     | -0.125    | 3.458 | 0.02      | 0.016     | 0         | 53.8 | 51.2 | 43.4 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 11   | 21     | 28     | 0.85      | -0.154    | 3.458 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 43.9 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 11   | 31     | 28     | 0.85      | -0.135    | 3.458 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 45.2 | 159        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 11   | 41     | 28     | 0.899     | -0.161    | 3.458 | 0.01      | 0.007     | 0         | 53.8 | 51.6 | 44.7 | 160        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 11   | 51     | 28     | 0.85      | -0.121    | 3.458 | 0.013     | 0.01      | 0         | 54.6 | 52   | 43.4 | 160        | 154        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 12   | 1      | 28     | 0.869     | -0.167    | 3.458 | 0.01      | 0.007     | 0         | 54.2 | 51.6 | 43   | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 12   | 11     | 28     | 0.833     | -0.141    | 3.458 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 49   | 160        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 11  | 12   | 21     | 28     | 0.817     | -0.075    | 3.458 | 0.013     | 0.01      | 0         | 54.6 | 51.6 | 44.7 | 161        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 12   | 31     | 28     | 0.843     | -0.079    | 3.458 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 45.6 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 12   | 41     | 28     | 0.863     | -0.154    | 3.458 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 42.1 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 12   | 51     | 28     | 0.866     | -0.138    | 3.458 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 45.6 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 13   | 1      | 28     | 0.83      | -0.151    | 3.458 | 0.01      | 0.007     | 0         | 55   | 52   | 44.7 | 161        | 155        | 0          | 33     | 34     |
| 2009 | 6     | 11  | 13   | 11     | 28     | 0.801     | -0.151    | 3.458 | 0.016     | 0.013     | 0         | 54.6 | 52   | 44.7 | 161        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 13   | 21     | 28     | 0.866     | -0.135    | 3.458 | 0.013     | 0.01      | 0         | 55   | 52   | 45.2 | 161        | 155        | 0          | 33     | 34     |
| 2009 | 6     | 11  | 13   | 31     | 28     | 0.807     | -0.108    | 3.458 | 0.016     | 0.013     | 0         | 54.6 | 52   | 48.2 | 161        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 13   | 41     | 28     | 0.846     | -0.151    | 3.458 | 0.013     | 0.01      | 0         | 54.6 | 52.5 | 47.7 | 161        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 13   | 51     | 28     | 0.83      | -0.135    | 3.458 | 0.016     | 0.013     | 0         | 55   | 52.9 | 51.6 | 162        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 14   | 1      | 28     | 0.873     | -0.125    | 3.461 | 0.016     | 0.016     | 0         | 55   | 52   | 46   | 161        | 155        | 0          | 33     | 34     |
| 2009 | 6     | 11  | 14   | 11     | 28     | 0.879     | -0.194    | 3.458 | 0.013     | 0.01      | 0         | 54.6 | 52   | 44.7 | 161        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 14   | 21     | 28     | 0.837     | -0.157    | 3.458 | 0.016     | 0.013     | 0         | 55   | 52   | 44.7 | 161        | 155        | 0          | 33     | 34     |
| 2009 | 6     | 11  | 14   | 31     | 28     | 0.856     | -0.131    | 3.458 | 0.013     | 0.01      | 0         | 54.6 | 52.5 | 46   | 161        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 14   | 41     | 28     | 0.876     | -0.115    | 3.458 | 0.016     | 0.016     | 0         | 55   | 52.5 | 51.2 | 162        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 14   | 51     | 28     | 0.84      | -0.138    | 3.461 | 0.016     | 0.016     | 0         | 55   | 52.5 | 46.9 | 162        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 15   | 1      | 28     | 0.873     | -0.121    | 3.465 | 0.016     | 0.013     | 0         | 55.5 | 52.9 | 46   | 163        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 15   | 11     | 28     | 0.801     | -0.105    | 3.465 | 0.013     | 0.01      | 0         | 55.5 | 52.9 | 46.9 | 163        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 15   | 21     | 28     | 0.892     | -0.128    | 3.465 | 0.01      | 0.007     | 0         | 55.9 | 52.9 | 48.2 | 164        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 15   | 31     | 28     | 0.84      | -0.138    | 3.465 | 0.013     | 0.01      | 0         | 55.5 | 52.9 | 44.3 | 163        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 15   | 41     | 28     | 0.83      | -0.125    | 3.461 | 0.016     | 0.013     | 0         | 55.5 | 52.9 | 45.2 | 163        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 15   | 51     | 28     | 0.899     | -0.098    | 3.461 | 0.01      | 0.007     | 0         | 55.9 | 53.3 | 49   | 163        | 157        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 16   | 1      | 28     | 0.82      | -0.135    | 3.461 | 0.013     | 0.01      | 0         | 55   | 52.5 | 46.4 | 163        | 156        | 0          | 35     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 11  | 16   | 11     | 28     | 0.869     | -0.102    | 3.461 | 0.01      | 0.007     | 0         | 55.5 | 52.5 | 46.4 | 163        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 16   | 21     | 28     | 0.843     | -0.102    | 3.461 | 0.01      | 0.007     | 0         | 55.9 | 52.9 | 45.2 | 163        | 156        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 16   | 31     | 28     | 0.886     | -0.108    | 3.461 | 0.016     | 0.013     | 0         | 55.5 | 52.5 | 45.6 | 163        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 16   | 41     | 28     | 0.915     | -0.115    | 3.461 | 0.016     | 0.013     | 0         | 55   | 52.9 | 44.7 | 162        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 16   | 51     | 28     | 0.892     | -0.157    | 3.461 | 0.016     | 0.013     | 0         | 55   | 52.5 | 46.9 | 161        | 155        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 17   | 1      | 28     | 0.912     | -0.092    | 3.465 | 0.01      | 0.007     | 0         | 54.6 | 52.5 | 48.6 | 161        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 17   | 11     | 28     | 0.866     | -0.131    | 3.461 | 0.013     | 0.01      | 0         | 55   | 52   | 46.9 | 161        | 155        | 0          | 33     | 34     |
| 2009 | 6     | 11  | 17   | 21     | 28     | 0.853     | -0.112    | 3.461 | 0.016     | 0.016     | 0         | 54.6 | 52   | 45.2 | 161        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 17   | 31     | 28     | 0.846     | -0.115    | 3.461 | 0.013     | 0.01      | 0         | 54.6 | 52   | 47.3 | 161        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 17   | 41     | 28     | 0.883     | -0.157    | 3.461 | 0.013     | 0.01      | 0         | 55   | 51.6 | 46   | 161        | 154        | 0          | 33     | 34     |
| 2009 | 6     | 11  | 17   | 51     | 28     | 0.869     | -0.125    | 3.461 | 0.016     | 0.013     | 0         | 54.6 | 52   | 46.9 | 161        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 18   | 1      | 28     | 0.817     | -0.125    | 3.461 | 0.013     | 0.01      | 0         | 54.6 | 52   | 46   | 161        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 18   | 11     | 28     | 0.879     | -0.108    | 3.461 | 0.016     | 0.013     | 0         | 54.6 | 52.5 | 46.4 | 161        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 11  | 18   | 21     | 28     | 0.863     | -0.138    | 3.461 | 0.013     | 0.01      | 0         | 54.6 | 52   | 46.9 | 161        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 18   | 31     | 28     | 0.869     | -0.174    | 3.461 | 0.016     | 0.013     | 0         | 54.6 | 52   | 45.2 | 160        | 154        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 18   | 41     | 28     | 0.856     | -0.098    | 3.461 | 0.013     | 0.01      | 0         | 54.2 | 52   | 44.3 | 161        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 18   | 51     | 28     | 0.919     | -0.167    | 3.461 | 0.013     | 0.01      | 0         | 55   | 51.6 | 43.4 | 161        | 154        | 0          | 33     | 34     |
| 2009 | 6     | 11  | 19   | 1      | 28     | 0.863     | -0.151    | 3.461 | 0.013     | 0.01      | 0         | 54.2 | 52   | 44.3 | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 19   | 11     | 28     | 0.784     | -0.128    | 3.461 | 0.013     | 0.01      | 0         | 54.2 | 52   | 46.4 | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 19   | 21     | 28     | 0.83      | -0.171    | 3.461 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 44.3 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 19   | 31     | 28     | 0.833     | -0.105    | 3.461 | 0.016     | 0.013     | 0         | 54.6 | 51.6 | 43   | 160        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 19   | 41     | 28     | 0.866     | -0.174    | 3.461 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 44.3 | 159        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 19   | 51     | 28     | 0.846     | -0.125    | 3.461 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 44.3 | 159        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 20   | 1      | 28     | 0.863     | -0.125    | 3.465 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 45.6 | 159        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 20   | 11     | 28     | 0.899     | -0.154    | 3.465 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 44.3 | 159        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 11  | 20   | 21     | 28     | 0.879     | -0.108    | 3.461 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 45.6 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 20   | 31     | 28     | 0.853     | -0.092    | 3.461 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 43.9 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 20   | 41     | 28     | 0.781     | -0.039    | 3.465 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 43.4 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 20   | 51     | 28     | 0.873     | -0.121    | 3.465 | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 44.7 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 21   | 1      | 28     | 0.879     | -0.171    | 3.465 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 43.9 | 159        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 21   | 11     | 28     | 0.886     | -0.102    | 3.461 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 44.3 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 21   | 21     | 28     | 0.873     | -0.095    | 3.465 | 0.01      | 0.007     | 0         | 54.2 | 51.2 | 43.4 | 159        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 21   | 31     | 28     | 0.83      | -0.105    | 3.465 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 43.9 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 21   | 41     | 28     | 0.817     | -0.144    | 3.465 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 43   | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 21   | 51     | 28     | 0.892     | -0.052    | 3.465 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 44.3 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 22   | 1      | 28     | 0.787     | -0.102    | 3.465 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 43.4 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 22   | 11     | 28     | 0.856     | -0.121    | 3.465 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 42.6 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 22   | 21     | 28     | 0.833     | -0.062    | 3.465 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 43.9 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 22   | 31     | 28     | 0.899     | -0.108    | 3.465 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 44.7 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 22   | 41     | 28     | 0.83      | -0.112    | 3.465 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 44.7 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 22   | 51     | 28     | 0.83      | -0.095    | 3.465 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 43.9 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 23   | 1      | 28     | 0.909     | -0.102    | 3.465 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 43.4 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 23   | 11     | 28     | 0.81      | -0.043    | 3.465 | 0.016     | 0.016     | 0         | 53.3 | 51.2 | 43   | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 23   | 21     | 28     | 0.86      | -0.115    | 3.468 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 43.4 | 158        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 11  | 23   | 31     | 28     | 0.876     | -0.128    | 3.468 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 44.7 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 23   | 41     | 28     | 0.883     | -0.148    | 3.468 | 0.01      | 0.007     | 0         | 53.3 | 50.3 | 43.4 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 23   | 51     | 28     | 0.879     | -0.161    | 3.468 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 43   | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 0    | 1      | 28     | 0.83      | -0.079    | 3.468 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 43.4 | 159        | 152        | 0          | 34     | 34     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 12  | 0    | 11     | 28     | 0.873     | -0.108    | 3.471 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 43.4 | 158        | 152        | 0          | 33     | 34     |
| 2009 | 6     | 12  | 0    | 21     | 28     | 0.817     | -0.144    | 3.471 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 42.6 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 0    | 31     | 28     | 0.84      | -0.098    | 3.471 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 43.4 | 158        | 152        | 0          | 33     | 34     |
| 2009 | 6     | 12  | 0    | 41     | 28     | 0.886     | -0.135    | 3.471 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 44.7 | 159        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 0    | 51     | 28     | 0.863     | -0.102    | 3.474 | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 42.6 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 1    | 1      | 28     | 0.879     | -0.092    | 3.474 | 0.01      | 0.007     | 0         | 54.2 | 51.2 | 43.9 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 1    | 11     | 28     | 0.784     | -0.046    | 3.474 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 43.4 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 1    | 21     | 28     | 0.899     | -0.164    | 3.474 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 44.7 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 1    | 31     | 28     | 0.719     | -0.039    | 3.478 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 43.9 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 1    | 41     | 28     | 0.814     | -0.085    | 3.478 | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 45.2 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 1    | 51     | 28     | 0.876     | -0.121    | 3.478 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 43.9 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 2    | 1      | 28     | 0.863     | -0.112    | 3.478 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 44.3 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 2    | 11     | 28     | 0.846     | -0.118    | 3.478 | 0.016     | 0.013     | 0         | 52.9 | 50.7 | 44.3 | 158        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 2    | 21     | 28     | 0.892     | -0.105    | 3.478 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 43.9 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 2    | 31     | 28     | 0.837     | -0.079    | 3.478 | 0.016     | 0.013     | 0         | 54.2 | 50.7 | 43.4 | 159        | 152        | 0          | 33     | 34     |
| 2009 | 6     | 12  | 2    | 41     | 28     | 0.81      | -0.095    | 3.478 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 43.9 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 2    | 51     | 28     | 0.722     | -0.016    | 3.478 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 43.4 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 3    | 1      | 28     | 0.883     | -0.095    | 3.478 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 44.3 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 3    | 11     | 28     | 0.715     | -0.02     | 3.478 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 45.2 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 3    | 21     | 28     | 0.745     | -0.03     | 3.478 | 0.01      | 0.007     | 0         | 53.8 | 51.6 | 45.2 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 3    | 31     | 28     | 0.771     | -0.095    | 3.478 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 43.9 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 3    | 41     | 28     | 0.823     | -0.079    | 3.478 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 46   | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 3    | 51     | 28     | 0.827     | -0.131    | 3.478 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 45.2 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 4    | 1      | 28     | 0.787     | -0.062    | 3.478 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 44.3 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 4    | 11     | 28     | 0.817     | -0.092    | 3.478 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 44.3 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 4    | 21     | 28     | 0.794     | -0.082    | 3.481 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 44.7 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 4    | 31     | 28     | 0.761     | -0.049    | 3.478 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 45.6 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 4    | 41     | 28     | 0.883     | -0.095    | 3.478 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 45.2 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 4    | 51     | 28     | 0.748     | -0.075    | 3.478 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 44.3 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 5    | 1      | 28     | 0.709     | -0.02     | 3.478 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 43.9 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 5    | 11     | 28     | 0.833     | -0.089    | 3.478 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 45.2 | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 5    | 21     | 28     | 0.748     | -0.043    | 3.478 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 46.9 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 5    | 31     | 28     | 0.791     | -0.069    | 3.478 | 0.013     | 0.01      | 0         | 54.2 | 52   | 45.2 | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 5    | 41     | 28     | 0.82      | -0.108    | 3.478 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 45.2 | 160        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 5    | 51     | 28     | 0.781     | -0.095    | 3.478 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 44.7 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 6    | 1      | 28     | 0.863     | -0.138    | 3.478 | 0.013     | 0.01      | 0         | 54.2 | 52   | 44.3 | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 6    | 11     | 28     | 0.817     | -0.128    | 3.478 | 0.01      | 0.007     | 0         | 54.2 | 51.6 | 45.2 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 6    | 21     | 28     | 0.768     | -0.03     | 3.481 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 45.2 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 6    | 31     | 28     | 0.86      | -0.095    | 3.481 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 44.3 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 6    | 41     | 28     | 0.764     | -0.069    | 3.481 | 0.01      | 0.007     | 0         | 54.6 | 51.6 | 43   | 161        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 6    | 51     | 28     | 0.869     | -0.121    | 3.478 | 0.013     | 0.01      | 0         | 54.6 | 51.2 | 43.9 | 160        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 12  | 7    | 1      | 28     | 0.879     | -0.115    | 3.481 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 43.9 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 7    | 11     | 28     | 0.876     | -0.105    | 3.481 | 0.013     | 0.01      | 0         | 53.3 | 51.6 | 44.7 | 159        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 7    | 21     | 28     | 0.879     | -0.108    | 3.478 | 0.01      | 0.007     | 0         | 53.3 | 51.2 | 44.3 | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 7    | 31     | 28     | 0.833     | -0.135    | 3.481 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 43   | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 7    | 41     | 28     | 0.873     | -0.154    | 3.481 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 45.2 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 7    | 51     | 28     | 0.856     | -0.138    | 3.481 | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 44.3 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 8    | 1      | 28     | 0.843     | -0.135    | 3.481 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 45.2 | 159        | 153        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 12  | 8    | 11     | 28     | 0.899     | -0.144    | 3.481 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 44.7 | 159        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 8    | 21     | 28     | 0.837     | -0.125    | 3.481 | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 45.6 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 8    | 31     | 28     | 0.856     | -0.128    | 3.481 | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 44.3 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 8    | 41     | 28     | 0.837     | -0.115    | 3.481 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 45.6 | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 8    | 51     | 28     | 0.82      | -0.131    | 3.481 | 0.013     | 0.01      | 0         | 53.3 | 51.6 | 45.2 | 159        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 9    | 1      | 28     | 0.896     | -0.121    | 3.481 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 44.7 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 9    | 11     | 28     | 0.85      | -0.118    | 3.481 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 47.3 | 159        | 153        | 0          | 34     | 35     |
| 2009 | 6     | 12  | 9    | 21     | 28     | 0.846     | -0.075    | 3.481 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 45.2 | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 9    | 31     | 28     | 0.846     | -0.108    | 3.481 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 44.3 | 159        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 12  | 9    | 41     | 28     | 0.83      | -0.115    | 3.481 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 44.3 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 9    | 51     | 28     | 0.873     | -0.138    | 3.481 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 45.6 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 10   | 1      | 28     | 0.728     | -0.046    | 3.481 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 45.2 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 10   | 11     | 28     | 0.889     | -0.174    | 3.481 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 45.2 | 159        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 10   | 21     | 28     | 0.906     | -0.105    | 3.481 | 0.013     | 0.01      | 0         | 52.9 | 50.7 | 46.4 | 158        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 10   | 31     | 28     | 0.951     | -0.138    | 3.481 | 0.01      | 0.007     | 0         | 53.8 | 50.7 | 44.7 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 10   | 41     | 28     | 0.886     | -0.131    | 3.481 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 45.2 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 10   | 51     | 28     | 0.892     | -0.125    | 3.484 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 45.6 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 11   | 1      | 28     | 0.869     | -0.141    | 3.484 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 48.2 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 11   | 11     | 28     | 0.886     | -0.171    | 3.484 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 47.3 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 11   | 21     | 28     | 0.804     | -0.112    | 3.484 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 47.7 | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 11   | 31     | 28     | 0.932     | -0.167    | 3.484 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 46   | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 11   | 41     | 28     | 0.833     | -0.098    | 3.484 | 0.01      | 0.007     | 0         | 53.8 | 51.6 | 49   | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 11   | 51     | 28     | 0.856     | -0.128    | 3.484 | 0.01      | 0.007     | 0         | 53.8 | 51.6 | 47.3 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 12   | 1      | 28     | 0.869     | -0.118    | 3.484 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 50.7 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 12   | 11     | 28     | 0.863     | -0.167    | 3.484 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 48.6 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 12   | 21     | 28     | 0.837     | -0.079    | 3.484 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 49.9 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 12   | 31     | 28     | 0.801     | -0.138    | 3.484 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 48.2 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 12   | 41     | 28     | 0.869     | -0.108    | 3.484 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 49.9 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 12   | 51     | 28     | 0.748     | -0.141    | 3.484 | 0.016     | 0.013     | 0         | 54.6 | 51.2 | 55.5 | 160        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 12  | 13   | 1      | 28     | 0.886     | -0.154    | 3.484 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 46.4 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 13   | 11     | 28     | 0.86      | -0.148    | 3.484 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 52.5 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 13   | 21     | 28     | 0.817     | -0.128    | 3.484 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 46.9 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 13   | 31     | 28     | 0.814     | -0.112    | 3.484 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 49.9 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 13   | 41     | 28     | 0.794     | -0.151    | 3.484 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 49   | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 13   | 51     | 28     | 0.817     | -0.112    | 3.481 | 0.016     | 0.013     | 0         | 54.2 | 52   | 50.7 | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 14   | 1      | 28     | 0.827     | -0.125    | 3.484 | 0.013     | 0.01      | 0         | 54.6 | 51.6 | 48.6 | 161        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 14   | 11     | 28     | 0.823     | -0.098    | 3.481 | 0.013     | 0.01      | 0         | 55   | 52   | 50.3 | 161        | 155        | 0          | 33     | 34     |
| 2009 | 6     | 12  | 14   | 21     | 28     | 0.853     | -0.085    | 3.478 | 0.013     | 0.01      | 0         | 55.5 | 52   | 46.9 | 162        | 155        | 0          | 33     | 34     |
| 2009 | 6     | 12  | 14   | 31     | 28     | 0.909     | -0.121    | 3.481 | 0.013     | 0.01      | 0         | 55   | 52.9 | 41.3 | 162        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 14   | 41     | 28     | 0.837     | -0.144    | 3.481 | 0.013     | 0.01      | 0         | 55   | 52.5 | 45.2 | 162        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 14   | 51     | 28     | 0.889     | -0.115    | 3.478 | 0.013     | 0.01      | 0         | 55.5 | 52.5 | 46.9 | 163        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 15   | 1      | 28     | 0.837     | -0.118    | 3.481 | 0.016     | 0.013     | 0         | 55.5 | 52.9 | 48.2 | 163        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 15   | 11     | 28     | 0.866     | -0.072    | 3.478 | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 46.4 | 163        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 15   | 21     | 28     | 0.925     | -0.121    | 3.481 | 0.01      | 0.007     | 0         | 55   | 52.9 | 47.7 | 162        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 15   | 31     | 28     | 0.889     | -0.095    | 3.478 | 0.016     | 0.016     | 0         | 55   | 52.9 | 43.9 | 162        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 15   | 41     | 28     | 0.843     | -0.125    | 3.478 | 0.013     | 0.01      | 0         | 55.5 | 52.5 | 47.7 | 162        | 156        | 0          | 33     | 34     |
| 2009 | 6     | 12  | 15   | 51     | 28     | 0.876     | -0.092    | 3.478 | 0.013     | 0.01      | 0         | 55   | 52.5 | 49.5 | 162        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 16   | 1      | 28     | 0.863     | -0.121    | 3.478 | 0.01      | 0.007     | 0         | 55   | 52.5 | 47.3 | 161        | 155        | 0          | 33     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 12  | 16   | 11     | 28     | 0.876     | -0.141    | 3.474 | 0.01      | 0.007     | 0         | 55   | 52.9 | 45.2 | 162        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 16   | 21     | 28     | 0.801     | -0.092    | 3.478 | 0.02      | 0.016     | 0         | 54.6 | 52.5 | 46   | 161        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 16   | 31     | 28     | 0.833     | -0.095    | 3.478 | 0.013     | 0.01      | 0         | 54.6 | 52   | 47.7 | 161        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 16   | 41     | 28     | 0.83      | -0.105    | 3.478 | 0.013     | 0.01      | 0         | 55   | 52   | 46   | 161        | 154        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 16   | 51     | 28     | 0.869     | -0.171    | 3.478 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 49.5 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 17   | 1      | 28     | 0.797     | -0.154    | 3.474 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 45.2 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 17   | 11     | 28     | 0.863     | -0.151    | 3.478 | 0.01      | 0.007     | 0         | 54.2 | 52   | 44.7 | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 17   | 21     | 28     | 0.889     | -0.105    | 3.474 | 0.013     | 0.01      | 0         | 54.6 | 51.6 | 47.7 | 160        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 17   | 31     | 28     | 0.873     | -0.125    | 3.474 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 49.5 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 17   | 41     | 28     | 0.86      | -0.102    | 3.474 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 42.1 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 17   | 51     | 28     | 0.863     | -0.125    | 3.474 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 46   | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 18   | 1      | 28     | 0.896     | -0.131    | 3.474 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 46.4 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 18   | 11     | 28     | 0.863     | -0.131    | 3.471 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 43.9 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 18   | 21     | 28     | 0.896     | -0.138    | 3.474 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 43.9 | 159        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 18   | 31     | 28     | 0.869     | -0.108    | 3.471 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 46.9 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 18   | 41     | 28     | 0.843     | -0.167    | 3.471 | 0.016     | 0.013     | 0         | 54.2 | 50.7 | 46.4 | 159        | 152        | 0          | 33     | 34     |
| 2009 | 6     | 12  | 18   | 51     | 28     | 0.899     | -0.115    | 3.474 | 0.01      | 0.007     | 0         | 53.8 | 50.7 | 46.9 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 19   | 1      | 28     | 0.833     | -0.138    | 3.471 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 48.2 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 19   | 11     | 28     | 0.846     | -0.151    | 3.471 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 43.9 | 159        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 19   | 21     | 28     | 0.876     | -0.144    | 3.474 | 0.01      | 0.007     | 0         | 54.2 | 51.6 | 43.4 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 19   | 31     | 28     | 0.883     | -0.115    | 3.471 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 45.2 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 19   | 41     | 28     | 0.863     | -0.115    | 3.471 | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 46.4 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 19   | 51     | 28     | 0.873     | -0.131    | 3.471 | 0.01      | 0.007     | 0         | 54.2 | 51.2 | 45.2 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 20   | 1      | 28     | 0.866     | -0.112    | 3.471 | 0.01      | 0.007     | 0         | 54.2 | 51.2 | 43   | 159        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 20   | 11     | 28     | 0.863     | -0.092    | 3.471 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 48.6 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 20   | 21     | 28     | 0.869     | -0.108    | 3.471 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 44.7 | 159        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 20   | 31     | 28     | 0.899     | -0.125    | 3.471 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 48.2 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 20   | 41     | 28     | 0.906     | -0.138    | 3.471 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 49   | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 20   | 51     | 28     | 0.86      | -0.118    | 3.471 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 46.4 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 21   | 1      | 28     | 0.856     | -0.141    | 3.471 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 45.2 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 21   | 11     | 28     | 0.843     | -0.108    | 3.471 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 44.3 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 21   | 21     | 28     | 0.876     | -0.121    | 3.471 | 0.01      | 0.007     | 0         | 53.8 | 50.7 | 44.3 | 158        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 12  | 21   | 31     | 28     | 0.797     | -0.039    | 3.471 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 44.7 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 21   | 41     | 28     | 0.823     | -0.144    | 3.471 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 43   | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 21   | 51     | 28     | 0.856     | -0.095    | 3.471 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 44.3 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 22   | 1      | 28     | 0.853     | -0.135    | 3.471 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 43.9 | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 22   | 11     | 28     | 0.817     | -0.098    | 3.468 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 43.9 | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 22   | 21     | 28     | 0.83      | -0.108    | 3.471 | 0.013     | 0.01      | 0         | 52.9 | 49.9 | 44.7 | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 22   | 31     | 28     | 0.892     | -0.115    | 3.471 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 43.4 | 158        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 22   | 41     | 28     | 0.866     | -0.131    | 3.471 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 43.4 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 22   | 51     | 28     | 0.84      | -0.125    | 3.471 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 46   | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 23   | 1      | 28     | 0.892     | -0.121    | 3.468 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 43.4 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 23   | 11     | 28     | 0.748     | -0.059    | 3.471 | 0.013     | 0.01      | 0         | 52.9 | 49.9 | 44.3 | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 23   | 21     | 28     | 0.883     | -0.108    | 3.471 | 0.01      | 0.007     | 0         | 53.3 | 50.3 | 43   | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 23   | 31     | 28     | 0.853     | -0.095    | 3.468 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 43.4 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 23   | 41     | 28     | 0.787     | -0.052    | 3.471 | 0.013     | 0.01      | 0         | 52.9 | 50.7 | 43   | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 23   | 51     | 28     | 0.85      | -0.089    | 3.471 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 44.3 | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 0    | 1      | 28     | 0.843     | -0.108    | 3.471 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 43   | 157        | 150        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 13  | 0    | 11     | 28     | 0.807     | -0.102    | 3.468 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 43   | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 0    | 21     | 28     | 0.869     | -0.141    | 3.471 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 44.7 | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 0    | 31     | 28     | 0.781     | -0.052    | 3.471 | 0.01      | 0.007     | 0         | 53.3 | 50.3 | 44.7 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 0    | 41     | 28     | 0.801     | -0.049    | 3.471 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 43.9 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 0    | 51     | 28     | 0.807     | -0.059    | 3.468 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 42.6 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 1    | 1      | 28     | 0.827     | -0.105    | 3.471 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 43.4 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 1    | 11     | 28     | 0.768     | -0.062    | 3.468 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 43.9 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 1    | 21     | 28     | 0.676     | -0.056    | 3.471 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 42.6 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 1    | 31     | 28     | 0.771     | -0.033    | 3.468 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 43.4 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 1    | 41     | 28     | 0.814     | -0.095    | 3.468 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 42.6 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 1    | 51     | 28     | 0.827     | -0.072    | 3.468 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 43.4 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 2    | 1      | 28     | 0.801     | -0.075    | 3.471 | 0.013     | 0.01      | 0         | 52.9 | 51.2 | 43.4 | 158        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 2    | 11     | 28     | 0.735     | -0.062    | 3.471 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 43.9 | 159        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 2    | 21     | 28     | 0.804     | -0.112    | 3.468 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 43.4 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 2    | 31     | 28     | 0.807     | -0.046    | 3.471 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 43.4 | 158        | 152        | 0          | 33     | 34     |
| 2009 | 6     | 13  | 2    | 41     | 28     | 0.755     | -0.03     | 3.468 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 43.4 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 2    | 51     | 28     | 0.738     | -0.03     | 3.468 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 44.3 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 3    | 1      | 28     | 0.801     | -0.052    | 3.468 | 0.01      | 0.007     | 0         | 53.8 | 50.7 | 42.1 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 3    | 11     | 28     | 0.892     | -0.092    | 3.468 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 44.3 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 3    | 21     | 28     | 0.738     | -0.072    | 3.468 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 44.7 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 3    | 31     | 28     | 0.899     | -0.118    | 3.468 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 43   | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 3    | 41     | 28     | 0.719     | -0.072    | 3.468 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 42.1 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 3    | 51     | 28     | 0.82      | -0.105    | 3.468 | 0.01      | 0.007     | 0         | 53.3 | 50.7 | 43.4 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 4    | 1      | 28     | 0.774     | -0.079    | 3.468 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 43   | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 4    | 11     | 28     | 0.764     | -0.075    | 3.468 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 42.6 | 159        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 4    | 21     | 28     | 0.833     | -0.108    | 3.468 | 0.02      | 0.016     | 0         | 53.8 | 50.7 | 42.1 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 4    | 31     | 28     | 0.84      | -0.069    | 3.465 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 43.4 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 4    | 41     | 28     | 0.83      | -0.059    | 3.465 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 43.9 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 4    | 51     | 28     | 0.689     | -0.03     | 3.468 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 43.9 | 159        | 153        | 0          | 34     | 35     |
| 2009 | 6     | 13  | 5    | 1      | 28     | 0.843     | -0.082    | 3.468 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 43.9 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 5    | 11     | 28     | 0.751     | -0.026    | 3.468 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 43   | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 5    | 21     | 28     | 0.85      | -0.069    | 3.465 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 43.9 | 159        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 13  | 5    | 31     | 28     | 0.84      | -0.059    | 3.465 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 42.6 | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 5    | 41     | 28     | 0.741     | -0.066    | 3.465 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 42.6 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 5    | 51     | 28     | 0.902     | -0.138    | 3.465 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 44.7 | 159        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 13  | 6    | 1      | 28     | 0.84      | -0.121    | 3.465 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 42.1 | 160        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 6    | 11     | 28     | 0.814     | -0.046    | 3.465 | 0.013     | 0.01      | 0         | 54.2 | 52   | 43   | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 6    | 21     | 28     | 0.735     | -0.049    | 3.465 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 42.6 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 6    | 31     | 28     | 0.83      | -0.115    | 3.465 | 0.01      | 0.007     | 0         | 54.2 | 51.2 | 43   | 159        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 13  | 6    | 41     | 28     | 0.787     | -0.049    | 3.465 | 0.013     | 0.01      | 0         | 54.2 | 50.7 | 42.6 | 160        | 153        | 0          | 34     | 35     |
| 2009 | 6     | 13  | 6    | 51     | 28     | 0.715     | -0.03     | 3.465 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 43.4 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 7    | 1      | 28     | 0.85      | -0.118    | 3.465 | 0.01      | 0.007     | 0         | 53.3 | 51.2 | 44.3 | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 7    | 11     | 28     | 0.84      | -0.066    | 3.465 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 43.4 | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 7    | 21     | 28     | 0.82      | -0.092    | 3.461 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 43   | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 7    | 31     | 28     | 0.758     | -0.059    | 3.465 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 42.6 | 159        | 153        | 0          | 34     | 35     |
| 2009 | 6     | 13  | 7    | 41     | 28     | 0.84      | -0.092    | 3.465 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 48.2 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 7    | 51     | 28     | 0.791     | -0.085    | 3.465 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 43.4 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 8    | 1      | 28     | 0.84      | -0.108    | 3.461 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 43   | 159        | 152        | 0          | 35     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 13  | 8    | 11     | 28     | 0.84      | -0.121    | 3.461 | 0.01      | 0.007     | 0         | 53.3 | 51.2 | 43   | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 8    | 21     | 28     | 0.883     | -0.105    | 3.461 | 0.013     | 0.01      | 0         | 53.3 | 51.6 | 42.6 | 159        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 8    | 31     | 28     | 0.823     | -0.141    | 3.461 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 42.1 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 8    | 41     | 28     | 0.873     | -0.151    | 3.458 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 43.9 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 8    | 51     | 28     | 0.85      | -0.135    | 3.455 | 0.01      | 0.007     | 0         | 54.2 | 52   | 44.3 | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 9    | 1      | 28     | 0.873     | -0.141    | 3.455 | 0.01      | 0.007     | 0         | 53.8 | 51.6 | 42.1 | 159        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 9    | 11     | 28     | 0.889     | -0.141    | 3.455 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 43   | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 9    | 21     | 28     | 0.869     | -0.092    | 3.451 | 0.016     | 0.013     | 0         | 54.2 | 52   | 43   | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 9    | 31     | 28     | 0.814     | -0.079    | 3.451 | 0.016     | 0.013     | 0         | 54.2 | 52   | 42.6 | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 9    | 41     | 28     | 0.86      | -0.121    | 3.451 | 0.01      | 0.007     | 0         | 53.3 | 51.2 | 43.4 | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 9    | 51     | 28     | 0.817     | -0.092    | 3.451 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 42.1 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 10   | 1      | 28     | 0.879     | -0.154    | 3.451 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 44.3 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 10   | 11     | 28     | 0.84      | -0.144    | 3.451 | 0.016     | 0.013     | 0         | 54.6 | 51.2 | 44.3 | 160        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 13  | 10   | 21     | 28     | 0.843     | -0.174    | 3.451 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 43.9 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 10   | 31     | 28     | 0.738     | -0.056    | 3.451 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 43.9 | 160        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 10   | 41     | 28     | 0.771     | -0.046    | 3.451 | 0.016     | 0.013     | 0         | 53.3 | 51.6 | 44.7 | 159        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 10   | 51     | 28     | 0.827     | -0.138    | 3.451 | 0.016     | 0.016     | 0         | 53.3 | 51.6 | 44.7 | 159        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 11   | 1      | 28     | 0.909     | -0.138    | 3.451 | 0.016     | 0.016     | 0         | 53.3 | 51.6 | 44.3 | 159        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 11   | 11     | 28     | 0.846     | -0.069    | 3.451 | 0.016     | 0.013     | 0         | 54.6 | 52.5 | 45.2 | 161        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 11   | 21     | 28     | 0.879     | -0.105    | 3.451 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 44.3 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 11   | 31     | 28     | 0.745     | -0.072    | 3.451 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 48.2 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 11   | 41     | 28     | 0.866     | -0.121    | 3.451 | 0.013     | 0.01      | 0         | 54.6 | 52   | 44.3 | 161        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 11   | 51     | 28     | 0.889     | -0.144    | 3.451 | 0.013     | 0.01      | 0         | 54.6 | 52.5 | 48.6 | 162        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 12   | 1      | 28     | 0.801     | -0.151    | 3.451 | 0.013     | 0.01      | 0         | 54.2 | 52.5 | 46.9 | 161        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 12   | 11     | 28     | 0.879     | -0.184    | 3.451 | 0.01      | 0.007     | 0         | 55   | 52   | 48.2 | 161        | 154        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 12   | 21     | 28     | 0.892     | -0.174    | 3.451 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 48.2 | 160        | 154        | 0          | 33     | 34     |
| 2009 | 6     | 13  | 12   | 31     | 28     | 0.873     | -0.171    | 3.451 | 0.01      | 0.007     | 0         | 54.6 | 52   | 47.7 | 161        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 12   | 41     | 28     | 0.899     | -0.148    | 3.451 | 0.016     | 0.013     | 0         | 54.6 | 51.6 | 45.2 | 161        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 12   | 51     | 28     | 0.873     | -0.118    | 3.451 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 47.7 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 13   | 1      | 28     | 0.794     | -0.089    | 3.451 | 0.016     | 0.013     | 0         | 54.6 | 51.6 | 47.7 | 161        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 13   | 11     | 28     | 0.83      | -0.108    | 3.451 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 46.4 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 13   | 21     | 28     | 0.837     | -0.102    | 3.451 | 0.013     | 0.01      | 0         | 55   | 51.6 | 47.7 | 161        | 154        | 0          | 33     | 34     |
| 2009 | 6     | 13  | 13   | 31     | 28     | 0.827     | -0.121    | 3.451 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 49.5 | 160        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 13   | 41     | 28     | 0.85      | -0.171    | 3.451 | 0.016     | 0.013     | 0         | 54.2 | 52   | 48.2 | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 13   | 51     | 28     | 0.843     | -0.108    | 3.451 | 0.016     | 0.013     | 0         | 55   | 51.6 | 46.9 | 161        | 154        | 0          | 33     | 34     |
| 2009 | 6     | 13  | 14   | 1      | 28     | 0.846     | -0.102    | 3.451 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 48.6 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 14   | 11     | 28     | 0.84      | -0.105    | 3.451 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 48.2 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 14   | 21     | 28     | 0.83      | -0.095    | 3.451 | 0.013     | 0.01      | 0         | 55   | 51.6 | 48.2 | 161        | 154        | 0          | 33     | 34     |
| 2009 | 6     | 13  | 14   | 31     | 28     | 0.846     | -0.131    | 3.451 | 0.016     | 0.013     | 0         | 55   | 51.6 | 49.9 | 161        | 154        | 0          | 33     | 34     |
| 2009 | 6     | 13  | 14   | 41     | 28     | 0.794     | -0.112    | 3.451 | 0.01      | 0.007     | 0         | 54.6 | 52   | 47.3 | 161        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 14   | 51     | 28     | 0.86      | -0.135    | 3.451 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 46.9 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 15   | 1      | 28     | 0.83      | -0.167    | 3.451 | 0.01      | 0.007     | 0         | 54.2 | 51.6 | 47.3 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 15   | 11     | 28     | 0.807     | -0.148    | 3.451 | 0.016     | 0.013     | 0         | 55   | 52.9 | 48.6 | 162        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 15   | 21     | 28     | 0.771     | -0.085    | 3.451 | 0.013     | 0.01      | 0         | 55.5 | 52.5 | 49   | 163        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 15   | 31     | 28     | 0.863     | -0.128    | 3.451 | 0.016     | 0.013     | 0         | 55.5 | 52.9 | 47.3 | 163        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 15   | 41     | 28     | 0.807     | -0.154    | 3.448 | 0.013     | 0.01      | 0         | 55   | 52.5 | 45.6 | 163        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 15   | 51     | 28     | 0.83      | -0.128    | 3.448 | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 45.6 | 163        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 16   | 1      | 28     | 0.856     | -0.098    | 3.448 | 0.01      | 0.007     | 0         | 55.5 | 52.5 | 46   | 163        | 156        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 13  | 16   | 11     | 28     | 0.879     | -0.141    | 3.448 | 0.013     | 0.01      | 0         | 55.5 | 52.9 | 46.4 | 162        | 156        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 16   | 21     | 28     | 0.804     | -0.108    | 3.448 | 0.013     | 0.01      | 0         | 55   | 52.9 | 47.3 | 162        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 16   | 31     | 28     | 0.846     | -0.157    | 3.448 | 0.016     | 0.013     | 0         | 55   | 52   | 48.6 | 162        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 16   | 41     | 28     | 0.823     | -0.121    | 3.448 | 0.013     | 0.01      | 0         | 55   | 52.5 | 46.4 | 162        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 16   | 51     | 28     | 0.869     | -0.118    | 3.448 | 0.01      | 0.007     | 0         | 54.6 | 52.5 | 47.7 | 161        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 17   | 1      | 28     | 0.853     | -0.141    | 3.448 | 0.013     | 0.01      | 0         | 55.5 | 52.5 | 48.2 | 162        | 155        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 17   | 11     | 28     | 0.843     | -0.118    | 3.445 | 0.013     | 0.01      | 0         | 54.6 | 51.6 | 45.2 | 161        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 17   | 21     | 28     | 0.869     | -0.125    | 3.445 | 0.016     | 0.013     | 0         | 54.6 | 52   | 47.7 | 161        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 17   | 31     | 28     | 0.853     | -0.125    | 3.448 | 0.016     | 0.016     | 0         | 55   | 51.6 | 48.6 | 161        | 154        | 0          | 33     | 34     |
| 2009 | 6     | 13  | 17   | 41     | 28     | 0.873     | -0.079    | 3.445 | 0.013     | 0.01      | 0         | 54.2 | 52   | 48.2 | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 17   | 51     | 28     | 0.863     | -0.161    | 3.445 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 43.4 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 18   | 1      | 28     | 0.823     | -0.125    | 3.445 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 44.7 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 18   | 11     | 28     | 0.663     | -0.043    | 3.445 | 0.016     | 0.016     | 0         | 54.6 | 52   | 45.6 | 161        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 18   | 21     | 28     | 0.817     | -0.046    | 3.445 | 0.013     | 0.01      | 0         | 54.6 | 52   | 45.2 | 161        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 18   | 31     | 28     | 0.787     | -0.059    | 3.445 | 0.01      | 0.007     | 0         | 54.2 | 51.6 | 43.4 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 18   | 41     | 28     | 0.886     | -0.112    | 3.445 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 49   | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 18   | 51     | 28     | 0.892     | -0.125    | 3.445 | 0.013     | 0.01      | 0         | 54.6 | 52   | 46   | 161        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 19   | 1      | 28     | 0.722     | -0.016    | 3.445 | 0.016     | 0.013     | 0         | 55   | 52   | 45.2 | 161        | 154        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 19   | 11     | 28     | 0.82      | -0.108    | 3.442 | 0.01      | 0.007     | 0         | 54.2 | 51.6 | 47.3 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 19   | 21     | 28     | 0.896     | -0.157    | 3.442 | 0.013     | 0.01      | 0         | 54.6 | 52   | 51.2 | 161        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 19   | 31     | 28     | 0.797     | -0.066    | 3.445 | 0.016     | 0.013     | 0         | 55.9 | 53.8 | 46.9 | 164        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 19   | 41     | 28     | 0.86      | -0.112    | 3.442 | 0.016     | 0.013     | 0         | 56.8 | 53.8 | 47.3 | 165        | 159        | 0          | 33     | 34     |
| 2009 | 6     | 13  | 19   | 51     | 28     | 0.906     | -0.115    | 3.442 | 0.013     | 0.01      | 0         | 56.3 | 54.2 | 46.4 | 165        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 20   | 1      | 28     | 0.804     | -0.095    | 3.445 | 0.013     | 0.01      | 0         | 56.8 | 53.3 | 46   | 165        | 158        | 0          | 33     | 34     |
| 2009 | 6     | 13  | 20   | 11     | 28     | 0.778     | -0.049    | 3.445 | 0.013     | 0.01      | 0         | 55.9 | 53.8 | 43   | 164        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 20   | 21     | 28     | 0.781     | -0.082    | 3.442 | 0.013     | 0.01      | 0         | 56.3 | 52.5 | 43.4 | 164        | 156        | 0          | 33     | 34     |
| 2009 | 6     | 13  | 20   | 31     | 28     | 0.797     | -0.046    | 3.442 | 0.013     | 0.01      | 0         | 55.5 | 52.9 | 44.3 | 163        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 20   | 41     | 28     | 0.784     | -0.069    | 3.445 | 0.016     | 0.016     | 0         | 55.5 | 52.9 | 45.2 | 162        | 156        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 20   | 51     | 28     | 0.817     | -0.072    | 3.445 | 0.01      | 0.007     | 0         | 55   | 52   | 46   | 162        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 21   | 1      | 28     | 0.853     | -0.125    | 3.445 | 0.013     | 0.01      | 0         | 55   | 52   | 46.9 | 162        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 21   | 11     | 28     | 0.827     | -0.075    | 3.445 | 0.013     | 0.01      | 0         | 55   | 52   | 46.9 | 161        | 155        | 0          | 33     | 34     |
| 2009 | 6     | 13  | 21   | 21     | 28     | 0.735     | 0.016     | 3.445 | 0.016     | 0.013     | 0         | 54.6 | 51.6 | 43.9 | 161        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 21   | 31     | 28     | 0.817     | -0.085    | 3.442 | 0.01      | 0.007     | 0         | 54.6 | 51.6 | 46   | 160        | 154        | 0          | 33     | 34     |
| 2009 | 6     | 13  | 21   | 41     | 28     | 0.84      | -0.098    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 44.7 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 21   | 51     | 28     | 0.807     | -0.056    | 3.442 | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 43.4 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 22   | 1      | 28     | 0.768     | -0.043    | 3.442 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 43.4 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 22   | 11     | 28     | 0.761     | -0.066    | 3.442 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 45.6 | 159        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 22   | 21     | 28     | 0.863     | -0.102    | 3.442 | 0.01      | 0.007     | 0         | 53.8 | 50.7 | 48.2 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 22   | 31     | 28     | 0.817     | -0.082    | 3.442 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 47.3 | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 22   | 41     | 28     | 0.919     | -0.092    | 3.442 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 46.4 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 22   | 51     | 28     | 0.751     | -0.049    | 3.442 | 0.01      | 0.007     | 0         | 54.2 | 51.6 | 44.3 | 159        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 23   | 1      | 28     | 0.791     | -0.082    | 3.438 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 46.9 | 160        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 23   | 11     | 28     | 0.761     | -0.059    | 3.442 | 0.013     | 0.01      | 0         | 54.6 | 51.6 | 47.7 | 160        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 23   | 21     | 28     | 0.827     | -0.062    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 47.3 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 23   | 31     | 28     | 0.823     | -0.079    | 3.438 | 0.016     | 0.013     | 0         | 54.6 | 51.6 | 46   | 160        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 13  | 23   | 41     | 28     | 0.771     | -0.082    | 3.438 | 0.016     | 0.013     | 0         | 54.2 | 52   | 46   | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 23   | 51     | 28     | 0.686     | -0.079    | 3.438 | 0.016     | 0.013     | 0         | 54.6 | 51.6 | 45.2 | 160        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 0    | 1      | 28     | 0.82      | -0.062    | 3.438 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 46   | 160        | 153        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 14  | 0    | 11     | 28     | 0.676     | 0         | 3.438 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 45.2 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 0    | 21     | 28     | 0.856     | -0.079    | 3.438 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 47.7 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 0    | 31     | 28     | 0.758     | -0.023    | 3.438 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 45.2 | 160        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 0    | 41     | 28     | 0.719     | -0.03     | 3.438 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 44.7 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 0    | 51     | 28     | 0.791     | -0.095    | 3.438 | 0.016     | 0.016     | 0         | 54.6 | 51.2 | 44.3 | 160        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 14  | 1    | 1      | 28     | 0.646     | -0.03     | 3.438 | 0.016     | 0.013     | 0         | 54.6 | 51.6 | 44.7 | 160        | 154        | 0          | 33     | 34     |
| 2009 | 6     | 14  | 1    | 11     | 28     | 0.879     | -0.085    | 3.438 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 44.7 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 1    | 21     | 28     | 0.699     | -0.049    | 3.438 | 0.013     | 0.01      | 0         | 54.6 | 52   | 44.7 | 161        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 1    | 31     | 28     | 0.712     | -0.069    | 3.438 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 45.2 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 1    | 41     | 28     | 0.869     | -0.075    | 3.438 | 0.013     | 0.01      | 0         | 54.2 | 50.7 | 46   | 160        | 153        | 0          | 34     | 35     |
| 2009 | 6     | 14  | 1    | 51     | 28     | 0.774     | -0.075    | 3.435 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 44.3 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 2    | 1      | 28     | 0.866     | -0.108    | 3.438 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 43.9 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 2    | 11     | 28     | 0.804     | -0.082    | 3.438 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 49.5 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 2    | 21     | 28     | 0.771     | -0.105    | 3.435 | 0.01      | 0.007     | 0         | 54.2 | 51.2 | 43.9 | 159        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 14  | 2    | 31     | 28     | 0.814     | -0.102    | 3.438 | 0.013     | 0.01      | 0         | 54.6 | 51.6 | 46   | 160        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 2    | 41     | 28     | 0.64      | -0.059    | 3.438 | 0.013     | 0.01      | 0         | 55   | 51.6 | 43.9 | 161        | 154        | 0          | 33     | 34     |
| 2009 | 6     | 14  | 2    | 51     | 28     | 0.837     | -0.108    | 3.438 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 46.9 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 3    | 1      | 28     | 0.758     | -0.049    | 3.438 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 43.4 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 3    | 11     | 28     | 0.755     | -0.066    | 3.438 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 44.3 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 3    | 21     | 28     | 0.863     | -0.138    | 3.435 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 43.9 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 3    | 31     | 28     | 0.787     | -0.072    | 3.435 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 44.3 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 3    | 41     | 28     | 0.817     | -0.121    | 3.438 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 45.6 | 159        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 3    | 51     | 28     | 0.741     | -0.092    | 3.435 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 44.7 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 4    | 1      | 28     | 0.673     | 0.007     | 3.435 | 0.013     | 0.01      | 0         | 54.2 | 50.7 | 43.4 | 160        | 153        | 0          | 34     | 35     |
| 2009 | 6     | 14  | 4    | 11     | 28     | 0.817     | -0.046    | 3.438 | 0.013     | 0.01      | 0         | 54.2 | 50.7 | 45.6 | 159        | 152        | 0          | 33     | 34     |
| 2009 | 6     | 14  | 4    | 21     | 28     | 0.853     | -0.089    | 3.435 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 43.9 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 4    | 31     | 28     | 0.755     | -0.059    | 3.435 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 43.9 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 4    | 41     | 28     | 0.833     | -0.095    | 3.435 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 44.3 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 4    | 51     | 28     | 0.741     | -0.059    | 3.435 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 44.3 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 5    | 1      | 28     | 0.768     | -0.03     | 3.435 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 45.2 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 5    | 11     | 28     | 0.846     | -0.082    | 3.435 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 46   | 159        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 5    | 21     | 28     | 0.814     | -0.079    | 3.435 | 0.013     | 0.01      | 0         | 53.3 | 51.6 | 45.2 | 159        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 5    | 31     | 28     | 0.781     | -0.079    | 3.435 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 44.3 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 5    | 41     | 28     | 0.758     | -0.092    | 3.435 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 44.7 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 5    | 51     | 28     | 0.702     | -0.098    | 3.435 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 43.4 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 6    | 1      | 28     | 0.827     | -0.102    | 3.435 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 44.7 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 6    | 11     | 28     | 0.722     | -0.016    | 3.435 | 0.01      | 0.007     | 0         | 54.2 | 51.6 | 45.6 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 6    | 21     | 28     | 0.715     | -0.046    | 3.435 | 0.01      | 0.007     | 0         | 54.2 | 51.6 | 44.3 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 6    | 31     | 28     | 0.663     | -0.03     | 3.438 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 44.7 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 6    | 41     | 28     | 0.827     | -0.121    | 3.435 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 45.6 | 159        | 153        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 6    | 51     | 28     | 0.827     | -0.098    | 3.435 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 44.7 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 7    | 1      | 28     | 0.902     | -0.138    | 3.435 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 45.2 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 7    | 11     | 28     | 0.86      | -0.112    | 3.435 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 44.3 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 7    | 21     | 28     | 0.863     | -0.125    | 3.435 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 45.6 | 159        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 7    | 31     | 28     | 0.873     | -0.131    | 3.435 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 45.2 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 7    | 41     | 28     | 0.84      | -0.128    | 3.435 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 45.6 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 7    | 51     | 28     | 0.846     | -0.108    | 3.435 | 0.01      | 0.007     | 0         | 53.3 | 50.7 | 46   | 159        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 8    | 1      | 28     | 0.856     | -0.108    | 3.435 | 0.01      | 0.007     | 0         | 53.8 | 50.7 | 44.7 | 159        | 152        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 14  | 8    | 11     | 28     | 0.915     | -0.135    | 3.435 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 46.4 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 8    | 21     | 28     | 0.866     | -0.108    | 3.435 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 45.6 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 8    | 31     | 28     | 0.863     | -0.125    | 3.435 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 45.6 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 8    | 41     | 28     | 0.892     | -0.121    | 3.435 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 44.7 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 8    | 51     | 28     | 0.833     | -0.161    | 3.435 | 0.013     | 0.01      | 0         | 52.9 | 50.7 | 46.4 | 158        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 9    | 1      | 28     | 0.879     | -0.121    | 3.435 | 0.016     | 0.013     | 0         | 52.9 | 50.7 | 45.6 | 158        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 9    | 11     | 28     | 0.843     | -0.105    | 3.435 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 45.6 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 9    | 21     | 28     | 0.866     | -0.118    | 3.435 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 44.3 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 9    | 31     | 28     | 0.915     | -0.128    | 3.435 | 0.01      | 0.007     | 0         | 52.9 | 50.7 | 45.6 | 158        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 9    | 41     | 28     | 0.856     | -0.128    | 3.435 | 0.013     | 0.01      | 0         | 53.3 | 51.6 | 46.4 | 159        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 9    | 51     | 28     | 0.873     | -0.128    | 3.435 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 46.4 | 158        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 10   | 1      | 28     | 0.843     | -0.089    | 3.435 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 46   | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 10   | 11     | 28     | 0.833     | -0.128    | 3.435 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 44.7 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 10   | 21     | 28     | 0.81      | -0.154    | 3.435 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 45.2 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 10   | 31     | 28     | 0.889     | -0.069    | 3.435 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 44.7 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 10   | 41     | 28     | 0.833     | -0.135    | 3.435 | 0.01      | 0.007     | 0         | 53.8 | 50.7 | 44.7 | 158        | 152        | 0          | 33     | 34     |
| 2009 | 6     | 14  | 10   | 51     | 28     | 0.801     | -0.128    | 3.435 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 45.6 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 11   | 1      | 28     | 0.807     | -0.118    | 3.435 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 45.2 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 11   | 11     | 28     | 0.817     | -0.135    | 3.432 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 43.9 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 11   | 21     | 28     | 0.892     | -0.154    | 3.432 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 46   | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 11   | 31     | 28     | 0.892     | -0.144    | 3.435 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 45.2 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 11   | 41     | 28     | 0.856     | -0.135    | 3.432 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 46.4 | 159        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 11   | 51     | 28     | 0.86      | -0.157    | 3.432 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 46   | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 12   | 1      | 28     | 0.892     | -0.108    | 3.428 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 43.9 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 12   | 11     | 28     | 0.843     | -0.148    | 3.432 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 43.9 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 12   | 21     | 28     | 0.86      | -0.095    | 3.428 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 45.6 | 158        | 152        | 0          | 33     | 34     |
| 2009 | 6     | 14  | 12   | 31     | 28     | 0.915     | -0.108    | 3.428 | 0.01      | 0.007     | 0         | 52.9 | 51.2 | 46   | 158        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 12   | 41     | 28     | 0.846     | -0.118    | 3.428 | 0.01      | 0.007     | 0         | 52.9 | 51.2 | 43   | 158        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 12   | 51     | 28     | 0.853     | -0.174    | 3.428 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 45.6 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 13   | 1      | 28     | 0.797     | -0.135    | 3.425 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 44.7 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 13   | 11     | 28     | 0.797     | -0.128    | 3.425 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 45.2 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 13   | 21     | 28     | 0.791     | -0.089    | 3.425 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 44.3 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 13   | 31     | 28     | 0.814     | -0.108    | 3.422 | 0.016     | 0.013     | 0         | 53.3 | 51.6 | 44.7 | 159        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 13   | 41     | 28     | 0.837     | -0.135    | 3.425 | 0.016     | 0.013     | 0         | 54.6 | 51.6 | 46.9 | 160        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 13   | 51     | 28     | 0.843     | -0.112    | 3.422 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 46   | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 14   | 1      | 28     | 0.827     | -0.148    | 3.422 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 45.2 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 14   | 11     | 28     | 0.817     | -0.131    | 3.422 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 46   | 160        | 154        | 0          | 33     | 34     |
| 2009 | 6     | 14  | 14   | 21     | 28     | 0.853     | -0.095    | 3.422 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 45.6 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 14   | 31     | 28     | 0.85      | -0.105    | 3.422 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 48.2 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 14   | 41     | 28     | 0.876     | -0.135    | 3.422 | 0.016     | 0.013     | 0         | 54.6 | 51.6 | 46.9 | 160        | 154        | 0          | 33     | 34     |
| 2009 | 6     | 14  | 14   | 51     | 28     | 0.879     | -0.118    | 3.422 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 44.3 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 15   | 1      | 28     | 0.853     | -0.102    | 3.422 | 0.016     | 0.013     | 0         | 54.6 | 52   | 48.2 | 161        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 15   | 11     | 28     | 0.84      | -0.121    | 3.422 | 0.013     | 0.01      | 0         | 54.6 | 51.6 | 47.3 | 161        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 15   | 21     | 28     | 0.846     | -0.115    | 3.422 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 49.5 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 15   | 31     | 28     | 0.863     | -0.138    | 3.422 | 0.016     | 0.013     | 0         | 54.6 | 52   | 47.7 | 161        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 15   | 41     | 28     | 0.879     | -0.131    | 3.422 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 48.2 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 15   | 51     | 28     | 0.896     | -0.128    | 3.422 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 47.3 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 16   | 1      | 28     | 0.902     | -0.118    | 3.422 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 45.6 | 160        | 153        | 0          | 34     | 34     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 14  | 16   | 11     | 28     | 0.896     | -0.141    | 3.422 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 47.7 | 160        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 16   | 21     | 28     | 0.873     | -0.098    | 3.422 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 46   | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 16   | 31     | 28     | 0.856     | -0.125    | 3.422 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 46.9 | 159        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 14  | 16   | 41     | 28     | 0.896     | -0.079    | 3.422 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 49.5 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 16   | 51     | 28     | 0.899     | -0.135    | 3.422 | 0.013     | 0.01      | 0         | 54.6 | 51.6 | 46.4 | 160        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 17   | 1      | 28     | 0.82      | -0.121    | 3.422 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 45.6 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 17   | 11     | 28     | 0.837     | -0.138    | 3.422 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 46.4 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 17   | 21     | 28     | 0.906     | -0.131    | 3.422 | 0.02      | 0.016     | 0         | 53.8 | 51.6 | 46   | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 17   | 31     | 28     | 0.856     | -0.131    | 3.422 | 0.013     | 0.01      | 0         | 54.6 | 51.6 | 45.6 | 160        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 17   | 41     | 28     | 0.85      | -0.085    | 3.422 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 46.9 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 17   | 51     | 28     | 0.853     | -0.112    | 3.422 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 46.9 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 18   | 1      | 28     | 0.83      | -0.105    | 3.422 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 46   | 159        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 18   | 11     | 28     | 0.843     | -0.095    | 3.422 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 50.3 | 159        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 14  | 18   | 21     | 28     | 0.761     | -0.026    | 3.422 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 46   | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 18   | 31     | 28     | 0.86      | -0.135    | 3.422 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 45.2 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 18   | 41     | 28     | 0.853     | -0.105    | 3.422 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 46   | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 18   | 51     | 28     | 0.866     | -0.102    | 3.422 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 45.6 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 19   | 1      | 28     | 0.83      | -0.131    | 3.422 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 45.2 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 19   | 11     | 28     | 0.801     | -0.131    | 3.422 | 0.016     | 0.016     | 0         | 53.3 | 51.2 | 44.7 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 19   | 21     | 28     | 0.784     | -0.098    | 3.422 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 45.6 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 19   | 31     | 28     | 0.886     | -0.079    | 3.422 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 44.7 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 19   | 41     | 28     | 0.81      | -0.125    | 3.422 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 44.7 | 158        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 19   | 51     | 28     | 0.869     | -0.118    | 3.422 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 44.7 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 20   | 1      | 28     | 0.787     | -0.069    | 3.422 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 45.2 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 20   | 11     | 28     | 0.748     | -0.03     | 3.422 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 43.9 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 20   | 21     | 28     | 0.869     | -0.135    | 3.422 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 44.7 | 159        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 20   | 31     | 28     | 0.82      | -0.098    | 3.422 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 44.3 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 20   | 41     | 28     | 0.784     | -0.052    | 3.422 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 43.9 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 20   | 51     | 28     | 0.863     | -0.089    | 3.422 | 0.016     | 0.013     | 0         | 54.2 | 50.7 | 46   | 159        | 152        | 0          | 33     | 34     |
| 2009 | 6     | 14  | 21   | 1      | 28     | 0.84      | -0.098    | 3.422 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 44.3 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 21   | 11     | 28     | 0.755     | -0.066    | 3.422 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 43.9 | 159        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 21   | 21     | 28     | 0.886     | -0.128    | 3.422 | 0.01      | 0.007     | 0         | 53.8 | 50.7 | 43   | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 21   | 31     | 28     | 0.797     | -0.079    | 3.422 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 43   | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 21   | 41     | 28     | 0.82      | -0.079    | 3.422 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 44.7 | 159        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 14  | 21   | 51     | 28     | 0.751     | -0.072    | 3.422 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 44.3 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 22   | 1      | 28     | 0.797     | -0.095    | 3.422 | 0.01      | 0.007     | 0         | 53.3 | 50.3 | 44.7 | 157        | 151        | 0          | 33     | 34     |
| 2009 | 6     | 14  | 22   | 11     | 28     | 0.823     | -0.072    | 3.422 | 0.013     | 0.01      | 0         | 53.3 | 49.9 | 44.7 | 157        | 150        | 0          | 33     | 34     |
| 2009 | 6     | 14  | 22   | 21     | 28     | 0.86      | -0.128    | 3.422 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 44.7 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 22   | 31     | 28     | 0.817     | -0.069    | 3.422 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 45.2 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 22   | 41     | 28     | 0.81      | -0.069    | 3.422 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 44.7 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 22   | 51     | 28     | 0.709     | -0.056    | 3.422 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 43.9 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 23   | 1      | 28     | 0.774     | -0.079    | 3.422 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 43.4 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 23   | 11     | 28     | 0.876     | -0.069    | 3.422 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 43.4 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 23   | 21     | 28     | 0.817     | -0.085    | 3.425 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 45.6 | 158        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 23   | 31     | 28     | 0.748     | -0.056    | 3.422 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 43.9 | 158        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 14  | 23   | 41     | 28     | 0.817     | -0.089    | 3.422 | 0.01      | 0.007     | 0         | 53.3 | 50.7 | 43.4 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 23   | 51     | 28     | 0.768     | -0.049    | 3.422 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 43.4 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 0    | 1      | 28     | 0.745     | -0.043    | 3.425 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 43   | 158        | 152        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 15  | 0    | 11     | 28     | 0.83      | -0.125    | 3.422 | 0.013     | 0.01      | 0         | 52.9 | 50.7 | 43.4 | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 0    | 21     | 28     | 0.705     | 0         | 3.425 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 44.7 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 0    | 31     | 28     | 0.794     | -0.089    | 3.422 | 0.016     | 0.013     | 0         | 53.8 | 50.3 | 42.6 | 158        | 151        | 0          | 33     | 34     |
| 2009 | 6     | 15  | 0    | 41     | 28     | 0.889     | -0.144    | 3.425 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 43   | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 0    | 51     | 28     | 0.892     | -0.092    | 3.422 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 45.6 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 1    | 1      | 28     | 0.794     | -0.121    | 3.425 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 43   | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 1    | 11     | 28     | 0.876     | -0.154    | 3.425 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 42.6 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 1    | 21     | 28     | 0.879     | -0.135    | 3.425 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 43   | 159        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 1    | 31     | 28     | 0.82      | -0.095    | 3.422 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 43.4 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 1    | 41     | 28     | 0.889     | -0.151    | 3.425 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 42.1 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 1    | 51     | 28     | 0.84      | -0.105    | 3.425 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 43.4 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 2    | 1      | 28     | 0.902     | -0.138    | 3.428 | 0.01      | 0.007     | 0         | 53.3 | 50.3 | 42.6 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 2    | 11     | 28     | 0.856     | -0.115    | 3.428 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 41.7 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 2    | 21     | 28     | 0.863     | -0.102    | 3.428 | 0.01      | 0.007     | 0         | 53.3 | 50.7 | 42.6 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 2    | 31     | 28     | 0.856     | -0.118    | 3.428 | 0.01      | 0.007     | 0         | 53.3 | 50.3 | 42.6 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 2    | 41     | 28     | 0.869     | -0.108    | 3.428 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 42.1 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 2    | 51     | 28     | 0.846     | -0.141    | 3.432 | 0.013     | 0.01      | 0         | 53.8 | 50.3 | 43.4 | 158        | 151        | 0          | 33     | 34     |
| 2009 | 6     | 15  | 3    | 1      | 28     | 0.725     | -0.046    | 3.432 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 43   | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 3    | 11     | 28     | 0.846     | -0.085    | 3.432 | 0.01      | 0.007     | 0         | 53.8 | 50.3 | 42.6 | 158        | 151        | 0          | 33     | 34     |
| 2009 | 6     | 15  | 3    | 21     | 28     | 0.741     | -0.059    | 3.432 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 43.4 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 3    | 31     | 28     | 0.679     | -0.033    | 3.435 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 43   | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 3    | 41     | 28     | 0.696     | -0.056    | 3.432 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 43.9 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 3    | 51     | 28     | 0.755     | -0.059    | 3.435 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 42.6 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 4    | 1      | 28     | 0.787     | -0.052    | 3.435 | 0.01      | 0.007     | 0         | 53.3 | 50.7 | 43   | 159        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 4    | 11     | 28     | 0.741     | -0.043    | 3.435 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 43   | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 4    | 21     | 28     | 0.755     | -0.066    | 3.435 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 43.4 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 4    | 31     | 28     | 0.761     | -0.049    | 3.435 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 43.4 | 159        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 4    | 41     | 28     | 0.804     | -0.075    | 3.435 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 43.9 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 4    | 51     | 28     | 0.758     | -0.049    | 3.435 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 45.6 | 159        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 5    | 1      | 28     | 0.666     | -0.016    | 3.438 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 43.4 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 5    | 11     | 28     | 0.682     | -0.036    | 3.435 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 43.9 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 5    | 21     | 28     | 0.663     | -0.013    | 3.435 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 44.7 | 160        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 5    | 31     | 28     | 0.696     | -0.03     | 3.435 | 0.013     | 0.01      | 0         | 54.6 | 51.2 | 43.9 | 160        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 15  | 5    | 41     | 28     | 0.732     | -0.092    | 3.438 | 0.01      | 0.007     | 0         | 54.2 | 51.2 | 44.3 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 5    | 51     | 28     | 0.801     | -0.069    | 3.438 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 43.9 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 6    | 1      | 28     | 0.833     | -0.056    | 3.438 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 44.7 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 6    | 11     | 28     | 0.889     | -0.069    | 3.438 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 43.9 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 6    | 21     | 28     | 0.814     | -0.102    | 3.438 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 43.9 | 160        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 6    | 31     | 28     | 0.794     | -0.098    | 3.438 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 44.3 | 160        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 15  | 6    | 41     | 28     | 0.715     | -0.049    | 3.438 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 45.6 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 6    | 51     | 28     | 0.732     | -0.069    | 3.438 | 0.016     | 0.016     | 0         | 53.8 | 51.6 | 46   | 160        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 7    | 1      | 28     | 0.843     | -0.082    | 3.438 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 44.7 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 7    | 11     | 28     | 0.866     | -0.095    | 3.438 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 44.3 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 7    | 21     | 28     | 0.801     | -0.105    | 3.438 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 44.3 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 7    | 31     | 28     | 0.856     | -0.125    | 3.438 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 45.2 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 7    | 41     | 28     | 0.797     | -0.062    | 3.438 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 45.6 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 7    | 51     | 28     | 0.778     | -0.095    | 3.438 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 44.7 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 8    | 1      | 28     | 0.741     | -0.069    | 3.438 | 0.01      | 0.007     | 0         | 54.2 | 51.6 | 46.4 | 160        | 154        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 15  | 8    | 11     | 28     | 0.797     | -0.112    | 3.438 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 45.6 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 8    | 21     | 28     | 0.846     | -0.125    | 3.438 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 49.5 | 160        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 8    | 31     | 28     | 0.837     | -0.105    | 3.438 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 44.7 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 8    | 41     | 28     | 0.879     | -0.154    | 3.438 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 43.9 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 8    | 51     | 28     | 0.86      | -0.108    | 3.438 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 45.2 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 9    | 1      | 28     | 0.843     | -0.154    | 3.438 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 44.7 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 9    | 11     | 28     | 0.768     | -0.095    | 3.438 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 45.6 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 9    | 21     | 28     | 0.915     | -0.121    | 3.438 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 45.6 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 9    | 31     | 28     | 0.807     | -0.125    | 3.438 | 0.01      | 0.007     | 0         | 54.2 | 51.2 | 45.2 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 9    | 41     | 28     | 0.853     | -0.138    | 3.438 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 46   | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 9    | 51     | 28     | 0.843     | -0.115    | 3.438 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 45.2 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 10   | 1      | 28     | 0.886     | -0.125    | 3.438 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 45.6 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 10   | 11     | 28     | 0.846     | -0.135    | 3.438 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 46.4 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 10   | 21     | 28     | 0.837     | -0.128    | 3.438 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 45.2 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 10   | 31     | 28     | 0.879     | -0.128    | 3.438 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 43.9 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 10   | 41     | 28     | 0.82      | -0.092    | 3.438 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 46   | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 10   | 51     | 28     | 0.869     | -0.154    | 3.438 | 0.016     | 0.013     | 0         | 53.3 | 51.6 | 46.4 | 159        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 11   | 1      | 28     | 0.85      | -0.115    | 3.438 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 46   | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 11   | 11     | 28     | 0.876     | -0.164    | 3.438 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 45.6 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 11   | 21     | 28     | 0.853     | -0.154    | 3.438 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 44.3 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 11   | 31     | 28     | 0.889     | -0.128    | 3.438 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 44.7 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 11   | 41     | 28     | 0.856     | -0.125    | 3.435 | 0.013     | 0.01      | 0         | 54.2 | 52   | 46.9 | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 11   | 51     | 28     | 0.906     | -0.167    | 3.435 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 43.9 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 12   | 1      | 28     | 0.804     | -0.095    | 3.438 | 0.01      | 0.007     | 0         | 54.2 | 51.6 | 48.6 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 12   | 11     | 28     | 0.823     | -0.135    | 3.438 | 0.01      | 0.007     | 0         | 54.2 | 51.2 | 46.4 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 12   | 21     | 28     | 0.873     | -0.128    | 3.435 | 0.013     | 0.01      | 0         | 54.2 | 52   | 45.6 | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 12   | 31     | 28     | 0.873     | -0.121    | 3.435 | 0.01      | 0.007     | 0         | 54.6 | 51.6 | 44.3 | 161        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 12   | 41     | 28     | 0.876     | -0.148    | 3.435 | 0.016     | 0.013     | 0         | 54.2 | 52   | 43.9 | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 12   | 51     | 28     | 0.889     | -0.151    | 3.435 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 45.6 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 13   | 1      | 28     | 0.82      | -0.118    | 3.435 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 43.9 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 13   | 11     | 28     | 0.873     | -0.121    | 3.435 | 0.01      | 0.007     | 0         | 54.2 | 51.6 | 46.4 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 13   | 21     | 28     | 0.889     | -0.128    | 3.435 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 45.2 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 13   | 31     | 28     | 0.787     | -0.157    | 3.435 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 43.4 | 160        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 13   | 41     | 28     | 0.883     | -0.157    | 3.438 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 48.2 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 13   | 51     | 28     | 0.873     | -0.112    | 3.435 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 43   | 159        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 14   | 1      | 28     | 0.807     | -0.131    | 3.435 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 43.9 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 14   | 11     | 28     | 0.873     | -0.148    | 3.435 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 44.3 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 14   | 21     | 28     | 0.863     | -0.135    | 3.435 | 0.01      | 0.007     | 0         | 54.2 | 51.2 | 44.7 | 159        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 14   | 31     | 28     | 0.846     | -0.118    | 3.435 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 45.2 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 14   | 41     | 28     | 0.814     | -0.079    | 3.435 | 0.013     | 0.01      | 0         | 54.2 | 52   | 44.3 | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 14   | 51     | 28     | 0.837     | -0.112    | 3.435 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 44.3 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 15   | 1      | 28     | 0.846     | -0.128    | 3.435 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 49   | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 15   | 11     | 28     | 0.827     | -0.135    | 3.435 | 0.01      | 0.007     | 0         | 53.8 | 50.7 | 43.4 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 15   | 21     | 28     | 0.889     | -0.148    | 3.435 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 44.3 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 15   | 31     | 28     | 0.83      | -0.112    | 3.435 | 0.016     | 0.013     | 0         | 54.6 | 51.2 | 47.7 | 160        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 15  | 15   | 41     | 28     | 0.761     | -0.108    | 3.438 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 45.6 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 15   | 51     | 28     | 0.909     | -0.112    | 3.435 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 43.9 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 16   | 1      | 28     | 0.801     | -0.144    | 3.435 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 44.7 | 160        | 154        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 15  | 16   | 11     | 28     | 0.853     | -0.112    | 3.438 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 43.4 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 16   | 21     | 28     | 0.873     | -0.105    | 3.435 | 0.013     | 0.01      | 0         | 54.6 | 51.6 | 45.2 | 160        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 16   | 31     | 28     | 0.86      | -0.154    | 3.438 | 0.013     | 0.01      | 0         | 54.2 | 52   | 46   | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 16   | 41     | 28     | 0.886     | -0.128    | 3.438 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 42.1 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 16   | 51     | 28     | 0.853     | -0.161    | 3.438 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 46.4 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 17   | 1      | 28     | 0.863     | -0.128    | 3.438 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 49   | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 17   | 11     | 28     | 0.735     | -0.056    | 3.438 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 43.4 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 17   | 21     | 28     | 0.869     | -0.128    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 43   | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 17   | 31     | 28     | 0.745     | -0.066    | 3.442 | 0.01      | 0.007     | 0         | 54.2 | 52   | 43.9 | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 17   | 41     | 28     | 0.771     | -0.069    | 3.442 | 0.013     | 0.01      | 0         | 54.6 | 51.6 | 44.3 | 161        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 17   | 51     | 28     | 0.689     | -0.033    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 52   | 43.9 | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 18   | 1      | 28     | 0.751     | -0.01     | 3.438 | 0.01      | 0.007     | 0         | 55   | 52   | 48.2 | 162        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 18   | 11     | 28     | 0.909     | -0.102    | 3.442 | 0.01      | 0.007     | 0         | 55   | 52.5 | 43.4 | 162        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 18   | 21     | 28     | 0.804     | -0.069    | 3.438 | 0.016     | 0.013     | 0         | 55.5 | 52.5 | 42.6 | 163        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 18   | 31     | 28     | 0.833     | -0.105    | 3.442 | 0.013     | 0.01      | 0         | 55   | 52.5 | 43   | 162        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 18   | 41     | 28     | 0.686     | 0.007     | 3.442 | 0.016     | 0.013     | 0         | 54.6 | 52.5 | 43.9 | 162        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 18   | 51     | 28     | 0.84      | -0.095    | 3.442 | 0.016     | 0.013     | 0         | 54.6 | 52   | 44.3 | 160        | 154        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 19   | 1      | 28     | 0.712     | -0.033    | 3.442 | 0.01      | 0.007     | 0         | 54.6 | 52   | 43.9 | 161        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 19   | 11     | 28     | 0.827     | -0.089    | 3.442 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 43.4 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 19   | 21     | 28     | 0.886     | -0.125    | 3.442 | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 44.3 | 160        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 19   | 31     | 28     | 0.728     | -0.062    | 3.442 | 0.016     | 0.016     | 0         | 54.2 | 52   | 47.7 | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 19   | 41     | 28     | 0.686     | -0.03     | 3.442 | 0.013     | 0.01      | 0         | 55.5 | 52   | 44.7 | 162        | 155        | 0          | 33     | 34     |
| 2009 | 6     | 15  | 19   | 51     | 28     | 0.873     | -0.098    | 3.442 | 0.016     | 0.013     | 0         | 55   | 52.5 | 46.4 | 162        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 20   | 1      | 28     | 0.764     | -0.056    | 3.442 | 0.016     | 0.013     | 0         | 55.5 | 52.9 | 42.1 | 163        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 20   | 11     | 28     | 0.817     | -0.112    | 3.442 | 0.016     | 0.013     | 0         | 55.5 | 52.9 | 46.9 | 163        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 20   | 21     | 28     | 0.728     | -0.056    | 3.445 | 0.013     | 0.01      | 0         | 56.3 | 53.3 | 49   | 165        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 20   | 31     | 28     | 0.784     | -0.082    | 3.442 | 0.016     | 0.013     | 0         | 57.2 | 54.2 | 44.7 | 167        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 20   | 41     | 28     | 0.689     | -0.016    | 3.442 | 0.016     | 0.013     | 0         | 57.2 | 54.6 | 43.4 | 167        | 161        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 20   | 51     | 28     | 0.827     | -0.039    | 3.445 | 0.016     | 0.013     | 0         | 56.8 | 54.2 | 47.7 | 166        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 21   | 1      | 28     | 0.807     | -0.079    | 3.445 | 0.016     | 0.013     | 0         | 56.3 | 53.8 | 48.6 | 165        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 21   | 11     | 28     | 0.719     | -0.023    | 3.445 | 0.016     | 0.016     | 0         | 57.2 | 54.6 | 47.7 | 166        | 160        | 0          | 33     | 33     |
| 2009 | 6     | 15  | 21   | 21     | 28     | 0.804     | -0.079    | 3.445 | 0.013     | 0.01      | 0         | 56.3 | 53.8 | 48.6 | 165        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 21   | 31     | 28     | 0.83      | -0.092    | 3.445 | 0.01      | 0.007     | 0         | 55.9 | 53.8 | 49.9 | 164        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 21   | 41     | 28     | 0.745     | 0         | 3.445 | 0.016     | 0.013     | 0         | 55.5 | 53.3 | 48.2 | 163        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 21   | 51     | 28     | 0.768     | -0.049    | 3.445 | 0.013     | 0.01      | 0         | 54.6 | 52.9 | 48.6 | 162        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 22   | 1      | 28     | 0.843     | -0.079    | 3.445 | 0.016     | 0.016     | 0         | 55   | 52.9 | 50.3 | 162        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 22   | 11     | 28     | 0.705     | -0.02     | 3.445 | 0.016     | 0.013     | 0         | 55   | 52.9 | 45.6 | 162        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 22   | 21     | 28     | 0.837     | -0.072    | 3.442 | 0.01      | 0.007     | 0         | 54.6 | 52   | 49.5 | 162        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 22   | 31     | 28     | 0.755     | -0.079    | 3.442 | 0.013     | 0.01      | 0         | 54.6 | 51.6 | 46   | 161        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 22   | 41     | 28     | 0.817     | -0.089    | 3.442 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 46.9 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 22   | 51     | 28     | 0.801     | -0.079    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 46   | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 23   | 1      | 28     | 0.719     | -0.033    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 46.4 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 23   | 11     | 28     | 0.722     | -0.033    | 3.442 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 46.4 | 160        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 23   | 21     | 28     | 0.869     | -0.125    | 3.442 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 48.6 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 23   | 31     | 28     | 0.715     | -0.059    | 3.442 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 45.6 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 23   | 41     | 28     | 0.778     | -0.033    | 3.442 | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 45.6 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 23   | 51     | 28     | 0.741     | -0.059    | 3.442 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 46.4 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 0    | 1      | 28     | 0.748     | -0.02     | 3.442 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 45.6 | 159        | 153        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 16  | 0    | 11     | 28     | 0.741     | -0.066    | 3.442 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 45.6 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 0    | 21     | 28     | 0.846     | -0.092    | 3.442 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 48.2 | 159        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 0    | 31     | 28     | 0.758     | -0.102    | 3.442 | 0.016     | 0.016     | 0         | 53.3 | 49.9 | 46   | 158        | 151        | 0          | 34     | 35     |
| 2009 | 6     | 16  | 0    | 41     | 28     | 0.827     | -0.112    | 3.442 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 46   | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 0    | 51     | 28     | 0.784     | -0.075    | 3.442 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 48.2 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 1    | 1      | 28     | 0.791     | -0.075    | 3.442 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 45.6 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 1    | 11     | 28     | 0.709     | -0.016    | 3.442 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 46.4 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 1    | 21     | 28     | 0.833     | -0.118    | 3.442 | 0.016     | 0.013     | 0         | 53.3 | 49.9 | 45.6 | 158        | 151        | 0          | 34     | 35     |
| 2009 | 6     | 16  | 1    | 31     | 28     | 0.761     | -0.056    | 3.438 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 45.6 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 1    | 41     | 28     | 0.784     | -0.062    | 3.438 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 47.3 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 1    | 51     | 28     | 0.702     | -0.062    | 3.442 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 49.5 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 2    | 1      | 28     | 0.787     | -0.082    | 3.438 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 46.4 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 2    | 11     | 28     | 0.751     | -0.016    | 3.438 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 46.4 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 2    | 21     | 28     | 0.735     | -0.026    | 3.438 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 46.4 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 2    | 31     | 28     | 0.732     | -0.059    | 3.438 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 47.7 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 2    | 41     | 28     | 0.83      | -0.056    | 3.438 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 47.7 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 2    | 51     | 28     | 0.682     | -0.036    | 3.438 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 46.4 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 3    | 1      | 28     | 0.784     | -0.069    | 3.438 | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 45.6 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 3    | 11     | 28     | 0.837     | -0.108    | 3.438 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 45.2 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 3    | 21     | 28     | 0.807     | -0.128    | 3.438 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 45.6 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 3    | 31     | 28     | 0.784     | -0.075    | 3.438 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 43.4 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 3    | 41     | 28     | 0.758     | -0.075    | 3.438 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 44.3 | 158        | 151        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 3    | 51     | 28     | 0.81      | -0.108    | 3.438 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 45.2 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 4    | 1      | 28     | 0.804     | -0.115    | 3.438 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 44.3 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 4    | 11     | 28     | 0.761     | -0.085    | 3.438 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 45.2 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 4    | 21     | 28     | 0.745     | -0.059    | 3.438 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 44.7 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 4    | 31     | 28     | 0.745     | -0.072    | 3.438 | 0.01      | 0.007     | 0         | 53.8 | 50.7 | 45.2 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 4    | 41     | 28     | 0.686     | -0.059    | 3.438 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 44.3 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 4    | 51     | 28     | 0.728     | -0.007    | 3.438 | 0.013     | 0.01      | 0         | 54.2 | 52   | 43.4 | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 5    | 1      | 28     | 0.837     | -0.105    | 3.438 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 43   | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 5    | 11     | 28     | 0.883     | -0.108    | 3.438 | 0.01      | 0.007     | 0         | 54.6 | 51.6 | 43.9 | 161        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 5    | 21     | 28     | 0.866     | -0.089    | 3.438 | 0.016     | 0.013     | 0         | 54.6 | 52.5 | 42.6 | 161        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 5    | 31     | 28     | 0.82      | -0.128    | 3.438 | 0.013     | 0.01      | 0         | 55   | 52   | 42.1 | 162        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 5    | 41     | 28     | 0.883     | -0.121    | 3.438 | 0.01      | 0.007     | 0         | 55   | 52.5 | 43.4 | 162        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 5    | 51     | 28     | 0.922     | -0.135    | 3.438 | 0.01      | 0.007     | 0         | 55   | 52.5 | 42.1 | 162        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 6    | 1      | 28     | 0.761     | -0.056    | 3.442 | 0.013     | 0.01      | 0         | 55   | 52.5 | 43   | 162        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 16  | 6    | 11     | 28     | 0.896     | -0.092    | 3.438 | 0.013     | 0.01      | 0         | 55   | 52.5 | 42.6 | 162        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 6    | 21     | 28     | 0.853     | -0.102    | 3.442 | 0.016     | 0.013     | 0         | 55   | 52.5 | 42.1 | 162        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 6    | 31     | 28     | 0.853     | -0.121    | 3.442 | 0.013     | 0.01      | 0         | 55   | 52.5 | 43   | 162        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 6    | 41     | 28     | 0.85      | -0.085    | 3.442 | 0.01      | 0.007     | 0         | 54.2 | 52   | 43   | 161        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 6    | 51     | 28     | 0.83      | -0.046    | 3.442 | 0.01      | 0.007     | 0         | 54.2 | 52   | 41.7 | 161        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 7    | 1      | 28     | 0.791     | -0.052    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 52   | 43   | 161        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 7    | 11     | 28     | 0.869     | -0.075    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 43.9 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 7    | 21     | 28     | 0.892     | -0.112    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 43.4 | 160        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 7    | 31     | 28     | 0.853     | -0.089    | 3.442 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 43.4 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 7    | 41     | 28     | 0.797     | -0.098    | 3.442 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 44.3 | 159        | 153        | 0          | 34     | 35     |
| 2009 | 6     | 16  | 7    | 51     | 28     | 0.869     | -0.121    | 3.438 | 0.013     | 0.01      | 0         | 52.9 | 50.7 | 43.9 | 158        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 8    | 1      | 28     | 0.827     | -0.075    | 3.442 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 43.9 | 159        | 153        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 16  | 8    | 11     | 28     | 0.774     | -0.062    | 3.442 | 0.01      | 0.007     | 0         | 53.3 | 50.7 | 44.7 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 8    | 21     | 28     | 0.817     | -0.095    | 3.442 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 43.4 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 8    | 31     | 28     | 0.866     | -0.128    | 3.442 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 43   | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 8    | 41     | 28     | 0.892     | -0.121    | 3.442 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 43.4 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 8    | 51     | 28     | 0.843     | -0.108    | 3.442 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 43.9 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 9    | 1      | 28     | 0.758     | -0.095    | 3.442 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 44.3 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 9    | 11     | 28     | 0.715     | -0.082    | 3.442 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 43.9 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 9    | 21     | 28     | 0.82      | -0.108    | 3.442 | 0.016     | 0.013     | 0         | 52.9 | 50.7 | 44.7 | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 9    | 31     | 28     | 0.853     | -0.072    | 3.442 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 43.4 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 9    | 41     | 28     | 0.912     | -0.141    | 3.442 | 0.016     | 0.013     | 0         | 52.5 | 50.7 | 45.2 | 157        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 9    | 51     | 28     | 0.784     | -0.075    | 3.442 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 44.3 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 10   | 1      | 28     | 0.83      | -0.092    | 3.442 | 0.01      | 0.007     | 0         | 52.5 | 50.3 | 45.6 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 10   | 11     | 28     | 0.728     | -0.066    | 3.442 | 0.016     | 0.016     | 0         | 52.5 | 50.3 | 46   | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 10   | 21     | 28     | 0.863     | -0.105    | 3.442 | 0.01      | 0.007     | 0         | 52   | 49.9 | 44.3 | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 10   | 31     | 28     | 0.791     | -0.105    | 3.442 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 46   | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 10   | 41     | 28     | 0.85      | -0.151    | 3.442 | 0.016     | 0.016     | 0         | 52.5 | 49.9 | 45.6 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 10   | 51     | 28     | 0.81      | -0.075    | 3.442 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 43.9 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 11   | 1      | 28     | 0.797     | -0.072    | 3.442 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 44.7 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 11   | 11     | 28     | 0.761     | -0.105    | 3.442 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 44.3 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 11   | 21     | 28     | 0.84      | -0.141    | 3.442 | 0.013     | 0.01      | 0         | 52   | 49.9 | 45.6 | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 11   | 31     | 28     | 0.869     | -0.115    | 3.442 | 0.016     | 0.013     | 0         | 52   | 49.9 | 45.2 | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 11   | 41     | 28     | 0.764     | -0.062    | 3.442 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 45.2 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 11   | 51     | 28     | 0.807     | -0.128    | 3.442 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 46.4 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 12   | 1      | 28     | 0.86      | -0.121    | 3.442 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 46   | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 12   | 11     | 28     | 0.791     | -0.125    | 3.442 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 45.2 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 12   | 21     | 28     | 0.886     | -0.138    | 3.442 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 45.2 | 156        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 12   | 31     | 28     | 0.846     | -0.125    | 3.442 | 0.016     | 0.016     | 0         | 52.5 | 49.9 | 46.4 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 12   | 41     | 28     | 0.892     | -0.135    | 3.442 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 46   | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 12   | 51     | 28     | 0.83      | -0.131    | 3.442 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 44.7 | 156        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 13   | 1      | 28     | 0.823     | -0.095    | 3.442 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 46   | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 13   | 11     | 28     | 0.814     | -0.059    | 3.442 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 45.6 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 13   | 21     | 28     | 0.659     | -0.069    | 3.442 | 0.01      | 0.007     | 0         | 53.3 | 50.3 | 45.6 | 157        | 151        | 0          | 33     | 34     |
| 2009 | 6     | 16  | 13   | 31     | 28     | 0.886     | -0.138    | 3.442 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 45.6 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 13   | 41     | 28     | 0.863     | -0.095    | 3.442 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 46.4 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 13   | 51     | 28     | 0.863     | -0.125    | 3.442 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 47.3 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 14   | 1      | 28     | 0.876     | -0.108    | 3.445 | 0.01      | 0.007     | 0         | 52.9 | 49.9 | 46   | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 14   | 11     | 28     | 0.85      | -0.125    | 3.445 | 0.01      | 0.007     | 0         | 52.9 | 49.9 | 47.3 | 156        | 150        | 0          | 33     | 34     |
| 2009 | 6     | 16  | 14   | 21     | 28     | 0.846     | -0.118    | 3.445 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 49   | 157        | 151        | 0          | 34     | 35     |
| 2009 | 6     | 16  | 14   | 31     | 28     | 0.843     | -0.098    | 3.442 | 0.013     | 0.01      | 0         | 52.9 | 49.9 | 47.3 | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 14   | 41     | 28     | 0.823     | -0.157    | 3.445 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 46.9 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 14   | 51     | 28     | 0.873     | -0.095    | 3.445 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 47.3 | 157        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 15   | 1      | 28     | 0.781     | -0.118    | 3.445 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 46.4 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 15   | 11     | 28     | 0.86      | -0.089    | 3.445 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 46.4 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 15   | 21     | 28     | 0.846     | -0.138    | 3.445 | 0.013     | 0.01      | 0         | 52.9 | 50.7 | 49.5 | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 15   | 31     | 28     | 0.896     | -0.144    | 3.445 | 0.01      | 0.007     | 0         | 52.9 | 50.7 | 46.4 | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 15   | 41     | 28     | 0.866     | -0.154    | 3.445 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 45.6 | 157        | 151        | 0          | 33     | 34     |
| 2009 | 6     | 16  | 15   | 51     | 28     | 0.846     | -0.112    | 3.445 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 46.4 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 16   | 1      | 28     | 0.86      | -0.108    | 3.445 | 0.016     | 0.016     | 0         | 52.9 | 50.7 | 46.4 | 157        | 151        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 16  | 16   | 11     | 28     | 0.814     | -0.128    | 3.445 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 44.7 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 16   | 21     | 28     | 0.883     | -0.089    | 3.445 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 46.9 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 16   | 31     | 28     | 0.778     | -0.062    | 3.442 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 45.6 | 158        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 16   | 41     | 28     | 0.82      | -0.095    | 3.445 | 0.01      | 0.007     | 0         | 53.3 | 50.7 | 45.6 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 16   | 51     | 28     | 0.755     | -0.052    | 3.445 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 46.4 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 17   | 1      | 28     | 0.919     | -0.121    | 3.445 | 0.02      | 0.016     | 0         | 52.9 | 50.7 | 46   | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 17   | 11     | 28     | 0.866     | -0.131    | 3.445 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 45.6 | 157        | 151        | 0          | 33     | 34     |
| 2009 | 6     | 16  | 17   | 21     | 28     | 0.863     | -0.125    | 3.442 | 0.01      | 0.007     | 0         | 52.9 | 50.7 | 49.5 | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 17   | 31     | 28     | 0.873     | -0.082    | 3.442 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 51.2 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 17   | 41     | 28     | 0.82      | -0.108    | 3.442 | 0.013     | 0.01      | 0         | 54.6 | 52   | 47.3 | 160        | 154        | 0          | 33     | 33     |
| 2009 | 6     | 16  | 17   | 51     | 28     | 0.866     | -0.115    | 3.442 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 49.9 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 18   | 1      | 28     | 0.833     | -0.121    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 43.4 | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 18   | 11     | 28     | 0.843     | -0.102    | 3.442 | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 44.7 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 18   | 21     | 28     | 0.81      | -0.154    | 3.442 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 44.3 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 18   | 31     | 28     | 0.86      | -0.085    | 3.442 | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 43.9 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 18   | 41     | 28     | 0.879     | -0.092    | 3.442 | 0.01      | 0.007     | 0         | 53.8 | 50.7 | 43.9 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 18   | 51     | 28     | 0.768     | -0.066    | 3.442 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 44.3 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 19   | 1      | 28     | 0.876     | -0.138    | 3.442 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 43.9 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 19   | 11     | 28     | 0.768     | -0.043    | 3.445 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 44.3 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 19   | 21     | 28     | 0.846     | -0.138    | 3.442 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 44.3 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 19   | 31     | 28     | 0.682     | -0.016    | 3.445 | 0.01      | 0.007     | 0         | 53.3 | 51.2 | 44.3 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 19   | 41     | 28     | 0.768     | -0.079    | 3.445 | 0.016     | 0.016     | 0         | 53.3 | 51.2 | 44.7 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 19   | 51     | 28     | 0.837     | -0.125    | 3.442 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 44.3 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 20   | 1      | 28     | 0.856     | -0.131    | 3.445 | 0.016     | 0.016     | 0         | 52.9 | 50.7 | 44.7 | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 20   | 11     | 28     | 0.837     | -0.125    | 3.442 | 0.01      | 0.007     | 0         | 53.3 | 51.2 | 43.9 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 20   | 21     | 28     | 0.709     | -0.079    | 3.445 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 45.2 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 20   | 31     | 28     | 0.853     | -0.108    | 3.445 | 0.01      | 0.007     | 0         | 52.9 | 50.7 | 44.7 | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 20   | 41     | 28     | 0.843     | -0.095    | 3.445 | 0.013     | 0.01      | 0         | 52.9 | 50.7 | 45.6 | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 20   | 51     | 28     | 0.719     | -0.023    | 3.445 | 0.01      | 0.007     | 0         | 53.3 | 50.3 | 45.2 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 21   | 1      | 28     | 0.843     | -0.095    | 3.445 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 44.7 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 21   | 11     | 28     | 0.817     | -0.089    | 3.445 | 0.013     | 0.01      | 0         | 52.9 | 50.7 | 44.3 | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 21   | 21     | 28     | 0.86      | -0.112    | 3.442 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 44.3 | 156        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 21   | 31     | 28     | 0.833     | -0.062    | 3.445 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 45.6 | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 21   | 41     | 28     | 0.81      | -0.102    | 3.445 | 0.013     | 0.01      | 0         | 53.3 | 49.9 | 44.7 | 157        | 150        | 0          | 33     | 34     |
| 2009 | 6     | 16  | 21   | 51     | 28     | 0.761     | -0.036    | 3.445 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 45.6 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 22   | 1      | 28     | 0.82      | -0.095    | 3.445 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 44.7 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 22   | 11     | 28     | 0.814     | -0.043    | 3.445 | 0.016     | 0.016     | 0         | 52.5 | 49.9 | 45.6 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 22   | 21     | 28     | 0.715     | -0.016    | 3.445 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 45.6 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 22   | 31     | 28     | 0.761     | -0.118    | 3.445 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 45.2 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 22   | 41     | 28     | 0.768     | -0.039    | 3.445 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 46   | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 22   | 51     | 28     | 0.827     | -0.072    | 3.445 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 44.7 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 23   | 1      | 28     | 0.807     | -0.066    | 3.442 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 46   | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 23   | 11     | 28     | 0.837     | -0.102    | 3.442 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 45.6 | 156        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 23   | 21     | 28     | 0.738     | -0.066    | 3.442 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 44.7 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 23   | 31     | 28     | 0.833     | -0.115    | 3.442 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 45.2 | 156        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 23   | 41     | 28     | 0.807     | -0.112    | 3.442 | 0.01      | 0.007     | 0         | 52.5 | 50.3 | 45.2 | 156        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 23   | 51     | 28     | 0.745     | -0.046    | 3.442 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 45.2 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 0    | 1      | 28     | 0.85      | -0.072    | 3.442 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 45.6 | 156        | 150        | 0          | 33     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 17  | 0    | 11     | 28     | 0.83      | -0.085    | 3.442 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 45.2 | 156        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 0    | 21     | 28     | 0.807     | -0.085    | 3.442 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 46.4 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 0    | 31     | 28     | 0.702     | -0.039    | 3.442 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 46.4 | 156        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 0    | 41     | 28     | 0.899     | -0.085    | 3.442 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 45.2 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 0    | 51     | 28     | 0.794     | -0.105    | 3.442 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 45.6 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 1    | 1      | 28     | 0.653     | -0.007    | 3.442 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 45.2 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 1    | 11     | 28     | 0.833     | -0.082    | 3.442 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 45.2 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 1    | 21     | 28     | 0.82      | -0.115    | 3.442 | 0.013     | 0.01      | 0         | 52.9 | 49.9 | 45.2 | 156        | 150        | 0          | 33     | 34     |
| 2009 | 6     | 17  | 1    | 31     | 28     | 0.771     | -0.092    | 3.442 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 45.6 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 1    | 41     | 28     | 0.863     | -0.102    | 3.442 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 46.4 | 156        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 1    | 51     | 28     | 0.702     | -0.039    | 3.442 | 0.01      | 0.007     | 0         | 52   | 49.9 | 45.6 | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 2    | 1      | 28     | 0.771     | -0.082    | 3.442 | 0.013     | 0.01      | 0         | 52.9 | 49.9 | 44.7 | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 2    | 11     | 28     | 0.748     | -0.082    | 3.442 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 46.9 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 2    | 21     | 28     | 0.804     | -0.072    | 3.442 | 0.016     | 0.016     | 0         | 52.5 | 49.9 | 45.6 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 2    | 31     | 28     | 0.856     | -0.118    | 3.442 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 45.2 | 156        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 2    | 41     | 28     | 0.751     | -0.013    | 3.442 | 0.013     | 0.01      | 0         | 52.9 | 49.9 | 46   | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 2    | 51     | 28     | 0.892     | -0.075    | 3.442 | 0.01      | 0.007     | 0         | 52.5 | 50.3 | 45.6 | 156        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 3    | 1      | 28     | 0.686     | -0.049    | 3.442 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 43.9 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 3    | 11     | 28     | 0.837     | -0.079    | 3.442 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 45.6 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 3    | 21     | 28     | 0.686     | -0.046    | 3.442 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 45.2 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 3    | 31     | 28     | 0.797     | -0.082    | 3.442 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 45.2 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 3    | 41     | 28     | 0.889     | -0.095    | 3.442 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 45.6 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 3    | 51     | 28     | 0.682     | -0.036    | 3.442 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 44.7 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 4    | 1      | 28     | 0.82      | -0.082    | 3.442 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 46   | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 4    | 11     | 28     | 0.823     | -0.118    | 3.438 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 45.2 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 4    | 21     | 28     | 0.771     | -0.066    | 3.442 | 0.01      | 0.007     | 0         | 52.5 | 50.3 | 44.7 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 4    | 31     | 28     | 0.781     | -0.069    | 3.442 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 45.2 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 4    | 41     | 28     | 0.866     | -0.121    | 3.442 | 0.01      | 0.007     | 0         | 52   | 49.9 | 45.6 | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 4    | 51     | 28     | 0.801     | -0.092    | 3.442 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 44.7 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 5    | 1      | 28     | 0.633     | -0.013    | 3.438 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 44.7 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 5    | 11     | 28     | 0.81      | -0.079    | 3.442 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 43.4 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 5    | 21     | 28     | 0.761     | -0.112    | 3.438 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 43.9 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 5    | 31     | 28     | 0.827     | -0.092    | 3.438 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 44.3 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 5    | 41     | 28     | 0.778     | -0.066    | 3.438 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 44.7 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 5    | 51     | 28     | 0.745     | -0.066    | 3.438 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 44.7 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 6    | 1      | 28     | 0.869     | -0.121    | 3.438 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 44.3 | 158        | 152        | 0          | 34     | 35     |
| 2009 | 6     | 17  | 6    | 11     | 28     | 0.846     | -0.098    | 3.438 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 43.9 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 6    | 21     | 28     | 0.83      | -0.098    | 3.438 | 0.013     | 0.01      | 0         | 52.9 | 50.7 | 44.3 | 158        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 6    | 31     | 28     | 0.81      | -0.135    | 3.438 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 43.9 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 6    | 41     | 28     | 0.758     | -0.079    | 3.438 | 0.016     | 0.013     | 0         | 52.9 | 50.7 | 44.3 | 158        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 6    | 51     | 28     | 0.784     | -0.062    | 3.438 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 43.9 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 7    | 1      | 28     | 0.794     | -0.069    | 3.438 | 0.01      | 0.007     | 0         | 53.3 | 50.7 | 44.3 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 7    | 11     | 28     | 0.899     | -0.095    | 3.438 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 44.7 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 7    | 21     | 28     | 0.755     | -0.072    | 3.438 | 0.013     | 0.01      | 0         | 52.9 | 50.7 | 46   | 157        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 7    | 31     | 28     | 0.899     | -0.121    | 3.438 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 45.2 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 7    | 41     | 28     | 0.853     | -0.135    | 3.438 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 45.2 | 157        | 151        | 0          | 34     | 35     |
| 2009 | 6     | 17  | 7    | 51     | 28     | 0.807     | -0.121    | 3.438 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 44.7 | 157        | 151        | 0          | 34     | 35     |
| 2009 | 6     | 17  | 8    | 1      | 28     | 0.863     | -0.131    | 3.438 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 44.3 | 157        | 151        | 0          | 34     | 34     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 17  | 8    | 11     | 28     | 0.715     | -0.066    | 3.438 | 0.01      | 0.007     | 0         | 53.3 | 51.2 | 44.7 | 158        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 8    | 21     | 28     | 0.863     | -0.105    | 3.442 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 44.3 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 8    | 31     | 28     | 0.738     | -0.016    | 3.438 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 43.9 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 8    | 41     | 28     | 0.81      | -0.108    | 3.438 | 0.01      | 0.007     | 0         | 52.9 | 51.2 | 44.3 | 158        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 8    | 51     | 28     | 0.823     | -0.138    | 3.442 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 44.7 | 158        | 152        | 0          | 34     | 35     |
| 2009 | 6     | 17  | 9    | 1      | 28     | 0.804     | -0.079    | 3.442 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 45.2 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 9    | 11     | 28     | 0.801     | -0.095    | 3.442 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 44.3 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 9    | 21     | 28     | 0.853     | -0.105    | 3.442 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 43.9 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 9    | 31     | 28     | 0.853     | -0.138    | 3.442 | 0.01      | 0.007     | 0         | 53.3 | 50.7 | 44.3 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 9    | 41     | 28     | 0.814     | -0.138    | 3.442 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 45.2 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 9    | 51     | 28     | 0.869     | -0.085    | 3.442 | 0.016     | 0.013     | 0         | 52.9 | 50.7 | 45.2 | 157        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 10   | 1      | 28     | 0.883     | -0.128    | 3.442 | 0.016     | 0.016     | 0         | 52.9 | 50.7 | 44.3 | 157        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 10   | 11     | 28     | 0.82      | -0.105    | 3.442 | 0.01      | 0.007     | 0         | 53.3 | 51.2 | 44.7 | 158        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 10   | 21     | 28     | 0.761     | -0.039    | 3.442 | 0.01      | 0.007     | 0         | 53.3 | 51.2 | 44.7 | 158        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 10   | 31     | 28     | 0.837     | -0.131    | 3.442 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 45.2 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 10   | 41     | 28     | 0.801     | -0.095    | 3.442 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 46.4 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 10   | 51     | 28     | 0.827     | -0.141    | 3.442 | 0.016     | 0.013     | 0         | 52.9 | 50.7 | 43.9 | 158        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 11   | 1      | 28     | 0.889     | -0.125    | 3.442 | 0.016     | 0.013     | 0         | 52.9 | 50.7 | 47.7 | 158        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 11   | 11     | 28     | 0.801     | -0.059    | 3.442 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 46   | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 11   | 21     | 28     | 0.863     | -0.115    | 3.442 | 0.016     | 0.013     | 0         | 52.9 | 50.7 | 45.6 | 158        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 11   | 31     | 28     | 0.83      | -0.108    | 3.442 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 45.6 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 11   | 41     | 28     | 0.892     | -0.092    | 3.442 | 0.01      | 0.007     | 0         | 53.3 | 50.7 | 46.4 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 11   | 51     | 28     | 0.873     | -0.112    | 3.442 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 46.9 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 12   | 1      | 28     | 0.896     | -0.115    | 3.442 | 0.013     | 0.01      | 0         | 52.9 | 50.7 | 47.3 | 157        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 12   | 11     | 28     | 0.846     | -0.108    | 3.442 | 0.016     | 0.013     | 0         | 52.9 | 50.7 | 47.3 | 158        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 12   | 21     | 28     | 0.85      | -0.079    | 3.445 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 46   | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 12   | 31     | 28     | 0.866     | -0.138    | 3.445 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 45.6 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 12   | 41     | 28     | 0.856     | -0.151    | 3.445 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 46   | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 12   | 51     | 28     | 0.879     | -0.125    | 3.445 | 0.02      | 0.016     | 0         | 53.8 | 51.6 | 46.4 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 13   | 1      | 28     | 0.889     | -0.167    | 3.445 | 0.01      | 0.007     | 0         | 53.3 | 51.2 | 45.2 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 13   | 11     | 28     | 0.83      | -0.144    | 3.445 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 46.4 | 159        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 13   | 21     | 28     | 0.86      | -0.108    | 3.445 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 47.3 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 13   | 31     | 28     | 0.817     | -0.079    | 3.445 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 45.6 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 13   | 41     | 28     | 0.748     | -0.157    | 3.445 | 0.01      | 0.007     | 0         | 53.3 | 50.7 | 46.9 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 13   | 51     | 28     | 0.853     | -0.112    | 3.445 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 46.4 | 158        | 152        | 0          | 33     | 34     |
| 2009 | 6     | 17  | 14   | 1      | 28     | 0.909     | -0.089    | 3.445 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 44.7 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 14   | 11     | 28     | 0.896     | -0.138    | 3.445 | 0.016     | 0.016     | 0         | 53.3 | 51.2 | 46.4 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 14   | 21     | 28     | 0.853     | -0.161    | 3.445 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 45.2 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 14   | 31     | 28     | 0.892     | -0.131    | 3.445 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 48.2 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 14   | 41     | 28     | 0.722     | -0.125    | 3.445 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 46   | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 14   | 51     | 28     | 0.938     | -0.128    | 3.445 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 44.3 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 15   | 1      | 28     | 0.902     | -0.118    | 3.445 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 46.9 | 158        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 15   | 11     | 28     | 0.892     | -0.151    | 3.445 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 46.4 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 15   | 21     | 28     | 0.863     | -0.154    | 3.445 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 44.3 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 15   | 31     | 28     | 0.84      | -0.125    | 3.445 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 43.9 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 15   | 41     | 28     | 0.899     | -0.148    | 3.445 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 44.3 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 15   | 51     | 28     | 0.909     | -0.144    | 3.445 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 44.7 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 16   | 1      | 28     | 0.827     | -0.095    | 3.445 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 45.2 | 158        | 151        | 0          | 33     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 17  | 16   | 11     | 28     | 0.863     | -0.141    | 3.445 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 45.6 | 159        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 17  | 16   | 21     | 28     | 0.853     | -0.118    | 3.445 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 47.7 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 16   | 31     | 28     | 0.846     | -0.131    | 3.445 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 47.7 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 16   | 41     | 28     | 0.843     | -0.079    | 3.445 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 43.4 | 159        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 16   | 51     | 28     | 0.827     | -0.128    | 3.445 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 45.2 | 159        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 17  | 17   | 1      | 28     | 0.84      | -0.082    | 3.445 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 46.4 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 17   | 11     | 28     | 0.902     | -0.128    | 3.442 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 43.4 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 17   | 21     | 28     | 0.853     | -0.118    | 3.442 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 43   | 158        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 17   | 31     | 28     | 0.899     | -0.098    | 3.442 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 43.9 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 17   | 41     | 28     | 0.866     | -0.125    | 3.445 | 0.01      | 0.007     | 0         | 54.2 | 51.2 | 43.9 | 159        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 17  | 17   | 51     | 28     | 0.853     | -0.098    | 3.442 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 44.7 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 18   | 1      | 28     | 0.873     | -0.105    | 3.442 | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 43.4 | 158        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 18   | 11     | 28     | 0.846     | -0.105    | 3.442 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 43.9 | 159        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 18   | 21     | 28     | 0.915     | -0.102    | 3.442 | 0.01      | 0.007     | 0         | 53.3 | 51.2 | 43.9 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 18   | 31     | 28     | 0.863     | -0.141    | 3.442 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 43.4 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 18   | 41     | 28     | 0.774     | -0.049    | 3.445 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 42.6 | 159        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 17  | 18   | 51     | 28     | 0.853     | -0.102    | 3.442 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 43.4 | 158        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 19   | 1      | 28     | 0.846     | -0.138    | 3.442 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 43.4 | 158        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 19   | 11     | 28     | 0.896     | -0.105    | 3.442 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 44.7 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 19   | 21     | 28     | 0.804     | -0.112    | 3.442 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 43.4 | 158        | 152        | 0          | 33     | 34     |
| 2009 | 6     | 17  | 19   | 31     | 28     | 0.863     | -0.089    | 3.442 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 43.4 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 19   | 41     | 28     | 0.755     | -0.046    | 3.442 | 0.01      | 0.007     | 0         | 53.8 | 50.7 | 43.9 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 19   | 51     | 28     | 0.86      | -0.118    | 3.442 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 43.9 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 20   | 1      | 28     | 0.873     | -0.089    | 3.442 | 0.01      | 0.007     | 0         | 53.3 | 50.7 | 43.9 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 20   | 11     | 28     | 0.81      | -0.161    | 3.442 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 43.9 | 157        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 20   | 21     | 28     | 0.846     | -0.095    | 3.442 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 44.3 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 20   | 31     | 28     | 0.781     | -0.098    | 3.442 | 0.016     | 0.016     | 0         | 53.3 | 51.2 | 43.9 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 20   | 41     | 28     | 0.846     | -0.089    | 3.442 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 47.7 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 20   | 51     | 28     | 0.801     | -0.075    | 3.442 | 0.01      | 0.007     | 0         | 55   | 52   | 48.6 | 162        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 21   | 1      | 28     | 0.764     | -0.089    | 3.442 | 0.016     | 0.013     | 0         | 56.8 | 54.2 | 47.3 | 165        | 159        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 21   | 11     | 28     | 0.801     | -0.069    | 3.442 | 0.01      | 0.007     | 0         | 56.3 | 53.8 | 44.7 | 165        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 21   | 21     | 28     | 0.873     | -0.138    | 3.442 | 0.013     | 0.01      | 0         | 56.8 | 53.8 | 50.3 | 165        | 159        | 0          | 33     | 34     |
| 2009 | 6     | 17  | 21   | 31     | 28     | 0.801     | -0.066    | 3.445 | 0.016     | 0.016     | 0         | 56.8 | 53.8 | 45.6 | 165        | 159        | 0          | 33     | 34     |
| 2009 | 6     | 17  | 21   | 41     | 28     | 0.755     | -0.059    | 3.445 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 42.6 | 164        | 157        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 21   | 51     | 28     | 0.791     | -0.072    | 3.445 | 0.016     | 0.016     | 0         | 55.5 | 52.9 | 44.7 | 163        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 22   | 1      | 28     | 0.863     | -0.135    | 3.445 | 0.016     | 0.016     | 0         | 55   | 52.5 | 44.3 | 161        | 155        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 22   | 11     | 28     | 0.869     | -0.075    | 3.445 | 0.016     | 0.013     | 0         | 54.6 | 52   | 44.7 | 161        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 22   | 21     | 28     | 0.863     | -0.105    | 3.442 | 0.016     | 0.013     | 0         | 54.6 | 52   | 43.4 | 160        | 154        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 22   | 31     | 28     | 0.725     | -0.03     | 3.445 | 0.01      | 0.007     | 0         | 54.2 | 51.2 | 46.4 | 159        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 17  | 22   | 41     | 28     | 0.748     | -0.056    | 3.442 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 44.7 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 22   | 51     | 28     | 0.768     | -0.052    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 45.6 | 159        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 17  | 23   | 1      | 28     | 0.791     | -0.098    | 3.438 | 0.013     | 0.01      | 0         | 55   | 51.2 | 47.7 | 160        | 153        | 0          | 32     | 34     |
| 2009 | 6     | 17  | 23   | 11     | 28     | 0.755     | -0.013    | 3.442 | 0.01      | 0.007     | 0         | 54.2 | 51.6 | 46   | 160        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 23   | 21     | 28     | 0.869     | -0.095    | 3.442 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 48.2 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 23   | 31     | 28     | 0.728     | -0.036    | 3.442 | 0.01      | 0.007     | 0         | 53.8 | 51.6 | 45.6 | 159        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 23   | 41     | 28     | 0.748     | -0.079    | 3.442 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 43.9 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 23   | 51     | 28     | 0.699     | -0.013    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 50.7 | 43.4 | 159        | 153        | 0          | 33     | 35     |
| 2009 | 6     | 18  | 0    | 1      | 28     | 0.741     | -0.056    | 3.442 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 44.3 | 159        | 153        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 18  | 0    | 11     | 28     | 0.784     | -0.079    | 3.442 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 43.4 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 0    | 21     | 28     | 0.732     | -0.075    | 3.442 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 43.4 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 0    | 31     | 28     | 0.738     | -0.049    | 3.438 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 44.7 | 158        | 152        | 0          | 33     | 34     |
| 2009 | 6     | 18  | 0    | 41     | 28     | 0.781     | -0.049    | 3.438 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 43.9 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 0    | 51     | 28     | 0.732     | -0.079    | 3.438 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 45.2 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 1    | 1      | 28     | 0.876     | -0.121    | 3.438 | 0.013     | 0.01      | 0         | 52.9 | 50.7 | 44.3 | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 1    | 11     | 28     | 0.774     | -0.062    | 3.438 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 47.3 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 1    | 21     | 28     | 0.942     | -0.138    | 3.438 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 47.7 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 1    | 31     | 28     | 0.774     | -0.098    | 3.438 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 48.2 | 158        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 1    | 41     | 28     | 0.751     | -0.072    | 3.438 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 46   | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 1    | 51     | 28     | 0.764     | -0.062    | 3.438 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 46.4 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 2    | 1      | 28     | 0.807     | -0.079    | 3.438 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 44.3 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 2    | 11     | 28     | 0.807     | -0.135    | 3.438 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 44.3 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 2    | 21     | 28     | 0.748     | -0.082    | 3.438 | 0.013     | 0.01      | 0         | 53.3 | 51.6 | 44.3 | 158        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 18  | 2    | 31     | 28     | 0.676     | -0.033    | 3.438 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 43.4 | 158        | 152        | 0          | 33     | 34     |
| 2009 | 6     | 18  | 2    | 41     | 28     | 0.787     | -0.092    | 3.442 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 46.9 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 2    | 51     | 28     | 0.745     | -0.082    | 3.442 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 45.6 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 3    | 1      | 28     | 0.827     | -0.095    | 3.438 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 46   | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 3    | 11     | 28     | 0.748     | -0.026    | 3.442 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 47.7 | 158        | 152        | 0          | 33     | 34     |
| 2009 | 6     | 18  | 3    | 21     | 28     | 0.774     | -0.03     | 3.442 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 46   | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 3    | 31     | 28     | 0.679     | -0.039    | 3.442 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 44.3 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 3    | 41     | 28     | 0.768     | -0.072    | 3.442 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 45.2 | 157        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 3    | 51     | 28     | 0.705     | -0.036    | 3.442 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 45.6 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 4    | 1      | 28     | 0.814     | -0.052    | 3.442 | 0.016     | 0.013     | 0         | 52.9 | 50.7 | 45.2 | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 4    | 11     | 28     | 0.689     | -0.026    | 3.442 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 46   | 158        | 152        | 0          | 33     | 34     |
| 2009 | 6     | 18  | 4    | 21     | 28     | 0.81      | -0.112    | 3.442 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 48.2 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 4    | 31     | 28     | 0.84      | -0.082    | 3.442 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 46.4 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 4    | 41     | 28     | 0.722     | -0.036    | 3.442 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 46   | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 4    | 51     | 28     | 0.827     | -0.079    | 3.442 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 49   | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 5    | 1      | 28     | 0.771     | -0.049    | 3.442 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 47.3 | 158        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 5    | 11     | 28     | 0.709     | 0         | 3.442 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 45.2 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 5    | 21     | 28     | 0.896     | -0.112    | 3.442 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 44.3 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 5    | 31     | 28     | 0.781     | -0.059    | 3.442 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 45.6 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 5    | 41     | 28     | 0.696     | -0.039    | 3.442 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 46   | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 5    | 51     | 28     | 0.656     | -0.036    | 3.442 | 0.013     | 0.01      | 0         | 53.3 | 51.6 | 46.4 | 158        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 6    | 1      | 28     | 0.787     | -0.098    | 3.442 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 45.6 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 6    | 11     | 28     | 0.787     | -0.079    | 3.442 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 49.5 | 158        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 6    | 21     | 28     | 0.823     | -0.102    | 3.442 | 0.01      | 0.007     | 0         | 53.3 | 50.7 | 49.9 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 6    | 31     | 28     | 0.814     | -0.112    | 3.442 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 47.7 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 6    | 41     | 28     | 0.725     | -0.062    | 3.442 | 0.016     | 0.016     | 0         | 53.8 | 51.6 | 47.3 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 6    | 51     | 28     | 0.764     | -0.062    | 3.442 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 45.6 | 159        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 18  | 7    | 1      | 28     | 0.745     | -0.066    | 3.442 | 0.013     | 0.01      | 0         | 52.9 | 50.7 | 47.7 | 158        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 18  | 7    | 11     | 28     | 0.823     | -0.069    | 3.442 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 46.9 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 7    | 21     | 28     | 0.781     | -0.079    | 3.445 | 0.01      | 0.007     | 0         | 53.3 | 50.7 | 45.6 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 7    | 31     | 28     | 0.784     | -0.072    | 3.442 | 0.01      | 0.007     | 0         | 53.3 | 51.2 | 47.7 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 7    | 41     | 28     | 0.797     | -0.079    | 3.442 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 50.7 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 7    | 51     | 28     | 0.883     | -0.108    | 3.442 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 49.9 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 8    | 1      | 28     | 0.758     | -0.033    | 3.445 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 49.5 | 158        | 153        | 0          | 35     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 18  | 8    | 11     | 28     | 0.797     | -0.095    | 3.445 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 49.9 | 159        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 18  | 8    | 21     | 28     | 0.846     | -0.095    | 3.445 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 51.2 | 159        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 8    | 31     | 28     | 0.909     | -0.138    | 3.442 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 50.3 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 8    | 41     | 28     | 0.768     | -0.095    | 3.442 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 49   | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 8    | 51     | 28     | 0.774     | -0.052    | 3.445 | 0.01      | 0.007     | 0         | 53.3 | 51.6 | 48.2 | 158        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 9    | 1      | 28     | 0.863     | -0.102    | 3.445 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 49.5 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 9    | 11     | 28     | 0.85      | -0.105    | 3.442 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 49   | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 9    | 21     | 28     | 0.781     | -0.141    | 3.445 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 49   | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 9    | 31     | 28     | 0.896     | -0.138    | 3.442 | 0.01      | 0.007     | 0         | 53.3 | 50.7 | 49.5 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 9    | 41     | 28     | 0.883     | -0.141    | 3.442 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 48.6 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 9    | 51     | 28     | 0.745     | -0.059    | 3.445 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 49.5 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 10   | 1      | 28     | 0.794     | -0.105    | 3.442 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 48.2 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 10   | 11     | 28     | 0.866     | -0.105    | 3.445 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 48.2 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 10   | 21     | 28     | 0.741     | -0.079    | 3.442 | 0.01      | 0.007     | 0         | 53.3 | 50.7 | 46.9 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 10   | 31     | 28     | 0.827     | -0.102    | 3.442 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 49.5 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 10   | 41     | 28     | 0.787     | -0.069    | 3.442 | 0.013     | 0.01      | 0         | 52.9 | 51.2 | 48.2 | 158        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 10   | 51     | 28     | 0.915     | -0.154    | 3.442 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 47.7 | 157        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 18  | 11   | 1      | 28     | 0.869     | -0.102    | 3.442 | 0.01      | 0.007     | 0         | 53.3 | 50.7 | 46.4 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 11   | 11     | 28     | 0.719     | -0.049    | 3.442 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 46.9 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 11   | 21     | 28     | 0.83      | -0.108    | 3.442 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 44.3 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 11   | 31     | 28     | 0.86      | -0.138    | 3.442 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 45.2 | 157        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 11   | 41     | 28     | 0.768     | -0.062    | 3.442 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 46   | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 11   | 51     | 28     | 0.771     | -0.066    | 3.442 | 0.016     | 0.013     | 0         | 52.9 | 50.7 | 44.3 | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 12   | 1      | 28     | 0.883     | -0.102    | 3.442 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 46   | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 12   | 11     | 28     | 0.846     | -0.138    | 3.442 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 45.6 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 12   | 21     | 28     | 0.837     | -0.135    | 3.438 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 43.9 | 157        | 151        | 0          | 33     | 34     |
| 2009 | 6     | 18  | 12   | 31     | 28     | 0.843     | -0.144    | 3.438 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 45.2 | 156        | 150        | 0          | 33     | 34     |
| 2009 | 6     | 18  | 12   | 41     | 28     | 0.856     | -0.148    | 3.435 | 0.016     | 0.016     | 0         | 53.3 | 49.9 | 45.2 | 157        | 150        | 0          | 33     | 34     |
| 2009 | 6     | 18  | 12   | 51     | 28     | 0.863     | -0.121    | 3.435 | 0.013     | 0.01      | 0         | 52.9 | 49.9 | 43.9 | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 13   | 1      | 28     | 0.843     | -0.118    | 3.435 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 44.7 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 13   | 11     | 28     | 0.82      | -0.125    | 3.432 | 0.013     | 0.01      | 0         | 52.9 | 49.9 | 46.4 | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 13   | 21     | 28     | 0.804     | -0.115    | 3.432 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 45.2 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 13   | 31     | 28     | 0.814     | -0.089    | 3.435 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 44.7 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 13   | 41     | 28     | 0.853     | -0.141    | 3.432 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 45.2 | 156        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 13   | 51     | 28     | 0.86      | -0.092    | 3.435 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 44.7 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 14   | 1      | 28     | 0.889     | -0.085    | 3.432 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 46.4 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 14   | 11     | 28     | 0.886     | -0.131    | 3.435 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 46   | 157        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 14   | 21     | 28     | 0.837     | -0.098    | 3.435 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 45.6 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 14   | 31     | 28     | 0.866     | -0.125    | 3.435 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 44.7 | 157        | 151        | 0          | 33     | 34     |
| 2009 | 6     | 18  | 14   | 41     | 28     | 0.883     | -0.144    | 3.435 | 0.01      | 0.007     | 0         | 53.3 | 50.3 | 46.4 | 157        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 14   | 51     | 28     | 0.876     | -0.098    | 3.435 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 45.2 | 157        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 15   | 1      | 28     | 0.833     | -0.072    | 3.435 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 45.6 | 158        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 15   | 11     | 28     | 0.915     | -0.184    | 3.435 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 45.6 | 157        | 151        | 0          | 33     | 34     |
| 2009 | 6     | 18  | 15   | 21     | 28     | 0.801     | -0.046    | 3.435 | 0.01      | 0.007     | 0         | 53.3 | 50.7 | 44.3 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 15   | 31     | 28     | 0.899     | -0.128    | 3.435 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 45.6 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 15   | 41     | 28     | 0.817     | -0.131    | 3.435 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 47.3 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 15   | 51     | 28     | 0.833     | -0.148    | 3.435 | 0.016     | 0.013     | 0         | 53.3 | 49.9 | 46.4 | 158        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 16   | 1      | 28     | 0.876     | -0.082    | 3.438 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 46   | 157        | 151        | 0          | 33     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 18  | 16   | 11     | 28     | 0.784     | -0.128    | 3.438 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 45.2 | 157        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 16   | 21     | 28     | 0.84      | -0.075    | 3.438 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 45.6 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 16   | 31     | 28     | 0.902     | -0.138    | 3.438 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 45.2 | 158        | 151        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 16   | 41     | 28     | 0.873     | -0.098    | 3.438 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 45.6 | 157        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 16   | 51     | 28     | 0.81      | -0.082    | 3.438 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 46   | 157        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 17   | 1      | 28     | 0.804     | -0.072    | 3.442 | 0.016     | 0.013     | 0         | 53.8 | 50.3 | 44.7 | 158        | 151        | 0          | 33     | 34     |
| 2009 | 6     | 18  | 17   | 11     | 28     | 0.738     | -0.043    | 3.442 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 45.6 | 158        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 18  | 17   | 21     | 28     | 0.843     | -0.072    | 3.442 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 47.3 | 158        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 17   | 31     | 28     | 0.774     | -0.043    | 3.442 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 46.4 | 157        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 17   | 41     | 28     | 0.774     | -0.052    | 3.442 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 43.9 | 157        | 151        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 17   | 51     | 28     | 0.84      | -0.056    | 3.442 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 45.2 | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 18   | 1      | 28     | 0.797     | -0.075    | 3.442 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 44.3 | 157        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 18   | 11     | 28     | 0.787     | -0.033    | 3.442 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 45.2 | 158        | 150        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 18   | 21     | 28     | 0.863     | -0.098    | 3.442 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 45.6 | 157        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 18   | 31     | 28     | 0.912     | -0.128    | 3.442 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 46.4 | 157        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 18   | 41     | 28     | 0.781     | -0.049    | 3.445 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 43.4 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 18   | 51     | 28     | 0.873     | -0.098    | 3.445 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 45.2 | 157        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 19   | 1      | 28     | 0.82      | -0.069    | 3.445 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 45.2 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 19   | 11     | 28     | 0.741     | -0.036    | 3.448 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 43.9 | 157        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 19   | 21     | 28     | 0.807     | -0.079    | 3.451 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 44.7 | 157        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 19   | 31     | 28     | 0.725     | -0.013    | 3.451 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 45.2 | 157        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 19   | 41     | 28     | 0.833     | -0.095    | 3.455 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 44.3 | 157        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 19   | 51     | 28     | 0.837     | -0.115    | 3.458 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 44.3 | 156        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 20   | 1      | 28     | 0.85      | -0.089    | 3.458 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 43.4 | 156        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 20   | 11     | 28     | 0.846     | -0.085    | 3.461 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 44.7 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 20   | 21     | 28     | 0.873     | -0.098    | 3.461 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 44.3 | 156        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 20   | 31     | 28     | 0.823     | -0.069    | 3.461 | 0.013     | 0.01      | 0         | 52.9 | 49.9 | 44.7 | 156        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 20   | 41     | 28     | 0.823     | -0.062    | 3.461 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 46.9 | 156        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 20   | 51     | 28     | 0.902     | -0.138    | 3.461 | 0.016     | 0.013     | 0         | 52.9 | 49.5 | 47.3 | 156        | 149        | 0          | 33     | 34     |
| 2009 | 6     | 18  | 21   | 1      | 28     | 0.869     | -0.069    | 3.465 | 0.013     | 0.01      | 0         | 52.9 | 49.9 | 46.9 | 156        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 21   | 11     | 28     | 0.827     | -0.079    | 3.465 | 0.013     | 0.01      | 0         | 52.9 | 49.9 | 46   | 156        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 21   | 21     | 28     | 0.833     | -0.121    | 3.465 | 0.013     | 0.01      | 0         | 52.9 | 49.9 | 46.4 | 156        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 21   | 31     | 28     | 0.82      | -0.098    | 3.465 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 47.3 | 155        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 21   | 41     | 28     | 0.876     | -0.082    | 3.465 | 0.016     | 0.013     | 0         | 52.5 | 49.5 | 47.3 | 155        | 148        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 21   | 51     | 28     | 0.774     | -0.085    | 3.468 | 0.016     | 0.013     | 0         | 52.5 | 49.5 | 47.7 | 156        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 22   | 1      | 28     | 0.837     | -0.095    | 3.468 | 0.013     | 0.01      | 0         | 52   | 49.5 | 47.7 | 155        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 22   | 11     | 28     | 0.883     | -0.161    | 3.468 | 0.013     | 0.01      | 0         | 52   | 49   | 46.9 | 155        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 22   | 21     | 28     | 0.758     | -0.036    | 3.468 | 0.016     | 0.013     | 0         | 52   | 49.5 | 46.4 | 155        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 22   | 31     | 28     | 0.846     | -0.102    | 3.468 | 0.016     | 0.013     | 0         | 52   | 49.9 | 46.9 | 155        | 148        | 0          | 34     | 32     |
| 2009 | 6     | 18  | 22   | 41     | 28     | 0.787     | -0.046    | 3.468 | 0.013     | 0.01      | 0         | 52.5 | 49   | 45.2 | 155        | 148        | 0          | 33     | 34     |
| 2009 | 6     | 18  | 22   | 51     | 28     | 0.804     | -0.128    | 3.468 | 0.013     | 0.01      | 0         | 52   | 49.9 | 48.2 | 155        | 148        | 0          | 34     | 32     |
| 2009 | 6     | 18  | 23   | 1      | 28     | 0.866     | -0.082    | 3.468 | 0.016     | 0.013     | 0         | 52   | 49.5 | 46   | 154        | 148        | 0          | 33     | 33     |
| 2009 | 6     | 18  | 23   | 11     | 28     | 0.915     | -0.141    | 3.468 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 46.4 | 155        | 148        | 0          | 33     | 32     |
| 2009 | 6     | 18  | 23   | 21     | 28     | 0.879     | -0.108    | 3.468 | 0.013     | 0.01      | 0         | 52   | 49.5 | 46.9 | 155        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 23   | 31     | 28     | 0.778     | -0.03     | 3.468 | 0.01      | 0.007     | 0         | 52   | 49.5 | 47.3 | 155        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 23   | 41     | 28     | 0.817     | -0.043    | 3.468 | 0.016     | 0.013     | 0         | 52   | 49.5 | 46   | 155        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 23   | 51     | 28     | 0.758     | -0.059    | 3.471 | 0.016     | 0.013     | 0         | 52   | 49.5 | 46   | 155        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 0    | 1      | 28     | 0.814     | -0.082    | 3.471 | 0.016     | 0.016     | 0         | 52.5 | 49.5 | 45.6 | 155        | 148        | 0          | 33     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 19  | 0    | 11     | 28     | 0.791     | -0.043    | 3.471 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 45.6 | 155        | 148        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 0    | 21     | 28     | 0.748     | -0.016    | 3.471 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 45.2 | 156        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 0    | 31     | 28     | 0.85      | -0.075    | 3.471 | 0.016     | 0.016     | 0         | 52.5 | 49.5 | 44.3 | 155        | 148        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 0    | 41     | 28     | 0.794     | -0.033    | 3.474 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 44.7 | 156        | 149        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 0    | 51     | 28     | 0.869     | -0.046    | 3.474 | 0.016     | 0.013     | 0         | 52.5 | 49.5 | 44.7 | 155        | 148        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 1    | 1      | 28     | 0.892     | -0.095    | 3.474 | 0.01      | 0.007     | 0         | 52.9 | 49.5 | 44.7 | 156        | 149        | 0          | 33     | 34     |
| 2009 | 6     | 19  | 1    | 11     | 28     | 0.853     | -0.079    | 3.478 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 43.4 | 156        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 1    | 21     | 28     | 0.807     | -0.062    | 3.481 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 43.4 | 156        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 1    | 31     | 28     | 0.83      | -0.072    | 3.484 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 43.9 | 156        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 1    | 41     | 28     | 0.915     | -0.108    | 3.488 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 44.7 | 156        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 1    | 51     | 28     | 0.925     | -0.125    | 3.488 | 0.013     | 0.01      | 0         | 52   | 49.5 | 45.6 | 155        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 2    | 1      | 28     | 0.778     | -0.02     | 3.491 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 44.7 | 156        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 2    | 11     | 28     | 0.814     | -0.072    | 3.491 | 0.016     | 0.016     | 0         | 52.5 | 49.9 | 44.3 | 156        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 2    | 21     | 28     | 0.696     | -0.01     | 3.494 | 0.01      | 0.007     | 0         | 52.9 | 49.9 | 46   | 156        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 2    | 31     | 28     | 0.84      | -0.102    | 3.494 | 0.013     | 0.01      | 0         | 52   | 49.9 | 46.4 | 155        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 2    | 41     | 28     | 0.758     | -0.059    | 3.497 | 0.01      | 0.007     | 0         | 52.5 | 50.7 | 46   | 156        | 150        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 2    | 51     | 28     | 0.889     | -0.148    | 3.494 | 0.013     | 0.01      | 0         | 52.5 | 49.5 | 46   | 156        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 3    | 1      | 28     | 0.833     | -0.069    | 3.497 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 46.4 | 156        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 3    | 11     | 28     | 0.876     | -0.085    | 3.497 | 0.01      | 0.007     | 0         | 52.9 | 49.9 | 45.6 | 156        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 3    | 21     | 28     | 0.794     | -0.049    | 3.497 | 0.013     | 0.01      | 0         | 52.9 | 49.9 | 46   | 157        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 3    | 31     | 28     | 0.883     | -0.118    | 3.497 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 46.9 | 156        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 3    | 41     | 28     | 0.771     | -0.049    | 3.497 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 45.2 | 156        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 3    | 51     | 28     | 0.876     | -0.108    | 3.497 | 0.013     | 0.01      | 0         | 52.9 | 49.9 | 45.2 | 156        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 4    | 1      | 28     | 0.807     | -0.033    | 3.501 | 0.01      | 0.007     | 0         | 52.5 | 50.3 | 46   | 156        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 4    | 11     | 28     | 0.892     | -0.118    | 3.501 | 0.013     | 0.01      | 0         | 52.9 | 49.5 | 45.2 | 156        | 149        | 0          | 33     | 34     |
| 2009 | 6     | 19  | 4    | 21     | 28     | 0.771     | -0.066    | 3.501 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 44.7 | 156        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 4    | 31     | 28     | 0.712     | -0.059    | 3.501 | 0.013     | 0.01      | 0         | 52.9 | 50.7 | 46   | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 4    | 41     | 28     | 0.82      | -0.052    | 3.501 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 45.6 | 156        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 4    | 51     | 28     | 0.896     | -0.108    | 3.504 | 0.016     | 0.013     | 0         | 53.3 | 49.9 | 44.7 | 157        | 150        | 0          | 33     | 34     |
| 2009 | 6     | 19  | 5    | 1      | 28     | 0.928     | -0.105    | 3.504 | 0.01      | 0.007     | 0         | 53.3 | 49.9 | 44.7 | 157        | 150        | 0          | 33     | 34     |
| 2009 | 6     | 19  | 5    | 11     | 28     | 0.866     | -0.125    | 3.504 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 43   | 156        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 5    | 21     | 28     | 0.919     | -0.125    | 3.507 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 43.9 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 5    | 31     | 28     | 0.879     | -0.079    | 3.507 | 0.01      | 0.007     | 0         | 53.3 | 50.3 | 43   | 157        | 151        | 0          | 33     | 34     |
| 2009 | 6     | 19  | 5    | 41     | 28     | 0.912     | -0.128    | 3.51  | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 44.3 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 5    | 51     | 28     | 0.879     | -0.148    | 3.517 | 0.01      | 0.007     | 0         | 53.3 | 49.9 | 43.4 | 158        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 6    | 1      | 28     | 0.787     | -0.033    | 3.52  | 0.01      | 0.007     | 0         | 52.9 | 50.7 | 43.4 | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 6    | 11     | 28     | 0.817     | -0.075    | 3.524 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 45.6 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 6    | 21     | 28     | 0.86      | -0.092    | 3.524 | 0.013     | 0.01      | 0         | 52.9 | 50.7 | 44.3 | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 6    | 31     | 28     | 0.909     | -0.108    | 3.527 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 45.6 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 6    | 41     | 28     | 0.81      | -0.131    | 3.527 | 0.01      | 0.007     | 0         | 52.5 | 49.5 | 45.2 | 156        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 6    | 51     | 28     | 0.84      | -0.125    | 3.527 | 0.013     | 0.01      | 0         | 52.9 | 49.9 | 46   | 156        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 7    | 1      | 28     | 0.873     | -0.089    | 3.53  | 0.013     | 0.01      | 0         | 52.5 | 49.5 | 45.6 | 156        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 7    | 11     | 28     | 0.846     | -0.112    | 3.53  | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 46.9 | 156        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 7    | 21     | 28     | 0.85      | -0.082    | 3.53  | 0.01      | 0.007     | 0         | 52.5 | 49.5 | 47.3 | 156        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 7    | 31     | 28     | 0.863     | -0.095    | 3.53  | 0.01      | 0.007     | 0         | 52   | 49.5 | 46   | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 7    | 41     | 28     | 0.869     | -0.161    | 3.53  | 0.013     | 0.01      | 0         | 52   | 49.5 | 46.4 | 155        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 7    | 51     | 28     | 0.892     | -0.085    | 3.533 | 0.013     | 0.01      | 0         | 52.5 | 49.5 | 46   | 156        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 8    | 1      | 28     | 0.883     | -0.095    | 3.533 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 46   | 156        | 149        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 19  | 8    | 11     | 28     | 0.735     | -0.052    | 3.533 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 44.7 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 8    | 21     | 28     | 0.919     | -0.128    | 3.533 | 0.016     | 0.016     | 0         | 52.5 | 49.5 | 45.2 | 156        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 8    | 31     | 28     | 0.869     | -0.079    | 3.533 | 0.016     | 0.013     | 0         | 52.9 | 49.5 | 46.4 | 156        | 149        | 0          | 33     | 34     |
| 2009 | 6     | 19  | 8    | 41     | 28     | 0.925     | -0.151    | 3.537 | 0.01      | 0.007     | 0         | 52.9 | 49.9 | 46.4 | 156        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 8    | 51     | 28     | 0.883     | -0.138    | 3.537 | 0.013     | 0.01      | 0         | 52.9 | 49.5 | 46   | 156        | 149        | 0          | 33     | 34     |
| 2009 | 6     | 19  | 9    | 1      | 28     | 0.86      | -0.174    | 3.537 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 46   | 156        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 9    | 11     | 28     | 0.863     | -0.141    | 3.537 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 45.6 | 156        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 9    | 21     | 28     | 0.886     | -0.135    | 3.54  | 0.016     | 0.013     | 0         | 52.5 | 49.5 | 45.6 | 156        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 9    | 31     | 28     | 0.896     | -0.167    | 3.54  | 0.01      | 0.007     | 0         | 52.5 | 50.3 | 45.6 | 156        | 149        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 9    | 41     | 28     | 0.948     | -0.121    | 3.54  | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 45.2 | 156        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 9    | 51     | 28     | 0.863     | -0.112    | 3.54  | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 45.2 | 156        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 10   | 1      | 28     | 0.896     | -0.138    | 3.543 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 45.2 | 156        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 10   | 11     | 28     | 0.922     | -0.141    | 3.543 | 0.016     | 0.013     | 0         | 52   | 49.5 | 44.7 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 10   | 21     | 28     | 0.869     | -0.102    | 3.543 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 45.2 | 156        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 10   | 31     | 28     | 0.863     | -0.141    | 3.547 | 0.01      | 0.007     | 0         | 52   | 49.9 | 46.4 | 155        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 10   | 41     | 28     | 0.886     | -0.102    | 3.547 | 0.013     | 0.01      | 0         | 52   | 49.5 | 44.7 | 155        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 10   | 51     | 28     | 0.932     | -0.128    | 3.547 | 0.013     | 0.01      | 0         | 52   | 49.5 | 45.2 | 155        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 11   | 1      | 28     | 0.86      | -0.157    | 3.55  | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 45.2 | 156        | 149        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 11   | 11     | 28     | 0.889     | -0.095    | 3.55  | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 43   | 157        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 11   | 21     | 28     | 0.85      | -0.128    | 3.55  | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 46.4 | 156        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 11   | 31     | 28     | 0.958     | -0.121    | 3.553 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 45.2 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 11   | 41     | 28     | 0.906     | -0.095    | 3.553 | 0.016     | 0.013     | 0         | 53.3 | 49.9 | 51.6 | 157        | 150        | 0          | 33     | 34     |
| 2009 | 6     | 19  | 11   | 51     | 28     | 0.922     | -0.108    | 3.553 | 0.01      | 0.007     | 0         | 53.3 | 51.2 | 44.3 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 12   | 1      | 28     | 0.935     | -0.135    | 3.556 | 0.013     | 0.01      | 0         | 54.2 | 51.2 | 44.7 | 159        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 12   | 11     | 28     | 0.942     | -0.144    | 3.556 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 44.7 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 12   | 21     | 28     | 0.863     | -0.098    | 3.56  | 0.01      | 0.007     | 0         | 53.8 | 50.7 | 47.3 | 158        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 12   | 31     | 28     | 0.876     | -0.118    | 3.56  | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 45.6 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 12   | 41     | 28     | 0.906     | -0.108    | 3.563 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 46.9 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 12   | 51     | 28     | 0.863     | -0.062    | 3.563 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 48.6 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 13   | 1      | 28     | 0.922     | -0.157    | 3.563 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 47.7 | 157        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 13   | 11     | 28     | 0.869     | -0.095    | 3.566 | 0.01      | 0.007     | 0         | 53.3 | 50.3 | 46.9 | 158        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 13   | 21     | 28     | 0.856     | -0.141    | 3.57  | 0.01      | 0.007     | 0         | 53.3 | 50.7 | 47.3 | 158        | 150        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 13   | 31     | 28     | 0.896     | -0.092    | 3.57  | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 47.3 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 13   | 41     | 28     | 0.856     | -0.085    | 3.57  | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 51.6 | 158        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 13   | 51     | 28     | 0.843     | -0.115    | 3.573 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 54.6 | 159        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 14   | 1      | 28     | 0.84      | -0.082    | 3.573 | 0.01      | 0.007     | 0         | 53.8 | 51.6 | 53.3 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 14   | 11     | 28     | 0.896     | -0.085    | 3.573 | 0.01      | 0.007     | 0         | 54.2 | 51.2 | 52   | 159        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 14   | 21     | 28     | 0.915     | -0.112    | 3.576 | 0.013     | 0.01      | 0         | 54.6 | 51.2 | 53.3 | 160        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 19  | 14   | 31     | 28     | 0.896     | -0.079    | 3.576 | 0.01      | 0.007     | 0         | 54.2 | 51.6 | 51.2 | 159        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 14   | 41     | 28     | 0.909     | -0.115    | 3.579 | 0.01      | 0.007     | 0         | 54.6 | 52   | 49   | 160        | 154        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 14   | 51     | 28     | 0.948     | -0.066    | 3.579 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 49.5 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 15   | 1      | 28     | 0.935     | -0.105    | 3.579 | 0.013     | 0.01      | 0         | 53.8 | 51.6 | 49.9 | 159        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 15   | 11     | 28     | 0.922     | -0.108    | 3.583 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 46.9 | 159        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 15   | 21     | 28     | 0.883     | -0.095    | 3.583 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 48.2 | 158        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 15   | 31     | 28     | 0.919     | -0.118    | 3.583 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 48.2 | 158        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 15   | 41     | 28     | 0.938     | -0.112    | 3.586 | 0.01      | 0.007     | 0         | 54.2 | 50.3 | 46.9 | 158        | 151        | 0          | 32     | 34     |
| 2009 | 6     | 19  | 15   | 51     | 28     | 0.817     | -0.098    | 3.586 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 46.4 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 16   | 1      | 28     | 0.879     | -0.098    | 3.586 | 0.01      | 0.007     | 0         | 52.9 | 49.9 | 47.7 | 156        | 149        | 0          | 33     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 19  | 16   | 11     | 28     | 0.794     | -0.016    | 3.586 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 47.7 | 156        | 149        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 16   | 21     | 28     | 0.84      | -0.085    | 3.589 | 0.013     | 0.01      | 0         | 52.5 | 49.5 | 46.9 | 156        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 16   | 31     | 28     | 0.771     | -0.02     | 3.589 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 46.9 | 157        | 150        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 16   | 41     | 28     | 0.837     | -0.075    | 3.589 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 48.2 | 158        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 16   | 51     | 28     | 0.814     | -0.059    | 3.589 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 49   | 158        | 151        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 17   | 1      | 28     | 0.909     | -0.095    | 3.589 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 49   | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 17   | 11     | 28     | 0.86      | -0.062    | 3.593 | 0.013     | 0.01      | 0         | 54.6 | 52   | 49.5 | 160        | 153        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 17   | 21     | 28     | 0.84      | -0.069    | 3.589 | 0.01      | 0.007     | 0         | 54.6 | 51.6 | 47.7 | 160        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 17   | 31     | 28     | 0.846     | -0.062    | 3.593 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 48.6 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 17   | 41     | 28     | 0.781     | -0.036    | 3.593 | 0.01      | 0.007     | 0         | 55   | 52.5 | 48.2 | 161        | 154        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 17   | 51     | 28     | 0.715     | -0.01     | 3.593 | 0.013     | 0.01      | 0         | 54.6 | 51.6 | 46   | 160        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 18   | 1      | 28     | 0.84      | -0.046    | 3.596 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 49.5 | 159        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 18   | 11     | 28     | 0.873     | -0.075    | 3.596 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 47.3 | 158        | 152        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 18   | 21     | 28     | 0.906     | -0.062    | 3.596 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 47.3 | 158        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 18   | 31     | 28     | 0.945     | -0.112    | 3.596 | 0.01      | 0.007     | 0         | 53.8 | 50.7 | 46   | 158        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 18   | 41     | 28     | 0.883     | -0.105    | 3.599 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 47.7 | 158        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 18   | 51     | 28     | 0.787     | -0.033    | 3.599 | 0.013     | 0.01      | 0         | 54.2 | 50.7 | 45.2 | 158        | 150        | 0          | 32     | 32     |
| 2009 | 6     | 19  | 19   | 1      | 28     | 0.879     | -0.144    | 3.599 | 0.01      | 0.007     | 0         | 53.3 | 50.3 | 46.4 | 157        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 19   | 11     | 28     | 0.922     | -0.19     | 3.602 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 45.2 | 157        | 150        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 19   | 21     | 28     | 0.912     | -0.085    | 3.606 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 46.4 | 156        | 149        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 19   | 31     | 28     | 0.863     | -0.059    | 3.609 | 0.01      | 0.007     | 0         | 52.9 | 49.9 | 43.9 | 156        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 19   | 41     | 28     | 0.879     | -0.069    | 3.609 | 0.013     | 0.01      | 0         | 52   | 49.5 | 45.6 | 155        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 19   | 51     | 28     | 0.925     | -0.115    | 3.609 | 0.01      | 0.007     | 0         | 52   | 49.5 | 46.4 | 155        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 20   | 1      | 28     | 0.968     | -0.131    | 3.612 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 46.9 | 155        | 148        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 20   | 11     | 28     | 0.709     | -0.026    | 3.615 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 49   | 156        | 149        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 20   | 21     | 28     | 0.856     | -0.052    | 3.615 | 0.01      | 0.007     | 0         | 52   | 49.9 | 46.4 | 155        | 148        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 20   | 31     | 28     | 0.846     | -0.043    | 3.619 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 48.2 | 156        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 20   | 41     | 28     | 0.896     | -0.108    | 3.619 | 0.013     | 0.01      | 0         | 52.5 | 49.5 | 49   | 155        | 148        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 20   | 51     | 28     | 0.86      | -0.082    | 3.619 | 0.016     | 0.013     | 0         | 52.5 | 49.5 | 49.5 | 155        | 148        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 21   | 1      | 28     | 0.873     | -0.102    | 3.622 | 0.016     | 0.013     | 0         | 52.5 | 49.5 | 53.3 | 155        | 148        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 21   | 11     | 28     | 0.922     | -0.092    | 3.622 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 50.7 | 155        | 148        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 21   | 21     | 28     | 0.886     | -0.079    | 3.622 | 0.016     | 0.013     | 0         | 52.5 | 49.5 | 49.5 | 155        | 148        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 21   | 31     | 28     | 0.837     | -0.079    | 3.622 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 47.7 | 156        | 149        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 21   | 41     | 28     | 0.778     | -0.049    | 3.622 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 47.7 | 156        | 149        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 21   | 51     | 28     | 0.938     | -0.125    | 3.625 | 0.013     | 0.01      | 0         | 52   | 49.5 | 47.7 | 155        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 22   | 1      | 28     | 0.971     | -0.125    | 3.625 | 0.016     | 0.016     | 0         | 52   | 49   | 48.6 | 154        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 22   | 11     | 28     | 0.919     | -0.089    | 3.629 | 0.013     | 0.01      | 0         | 51.6 | 49   | 49   | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 22   | 21     | 28     | 0.889     | -0.052    | 3.625 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 49.5 | 156        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 22   | 31     | 28     | 0.896     | -0.062    | 3.625 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 48.2 | 156        | 149        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 22   | 41     | 28     | 0.781     | -0.003    | 3.629 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 50.7 | 156        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 22   | 51     | 28     | 0.876     | -0.082    | 3.625 | 0.01      | 0.007     | 0         | 52.5 | 49.5 | 46.4 | 156        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 23   | 1      | 28     | 0.758     | -0.016    | 3.629 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 44.7 | 155        | 148        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 23   | 11     | 28     | 0.843     | -0.049    | 3.629 | 0.01      | 0.007     | 0         | 52   | 49   | 46.4 | 154        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 23   | 21     | 28     | 0.738     | -0.023    | 3.629 | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 47.3 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 23   | 31     | 28     | 0.781     | -0.03     | 3.632 | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 47.3 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 23   | 41     | 28     | 0.876     | -0.085    | 3.632 | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 44.3 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 23   | 51     | 28     | 0.928     | -0.082    | 3.635 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 46   | 152        | 145        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 0    | 1      | 28     | 0.958     | -0.095    | 3.638 | 0.016     | 0.013     | 0         | 50.7 | 48.2 | 45.6 | 152        | 145        | 0          | 34     | 33     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 20  | 0    | 11     | 28     | 0.922     | -0.085    | 3.638 | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 51.2 | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 0    | 21     | 28     | 0.804     | -0.062    | 3.642 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 46.9 | 153        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 0    | 31     | 28     | 0.974     | -0.135    | 3.645 | 0.013     | 0.01      | 0         | 50.7 | 48.6 | 45.2 | 153        | 146        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 0    | 41     | 28     | 0.83      | -0.049    | 3.648 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 48.6 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 0    | 51     | 28     | 0.958     | -0.151    | 3.648 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 46.9 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 1    | 1      | 28     | 0.948     | -0.075    | 3.648 | 0.01      | 0.007     | 0         | 51.2 | 47.7 | 46.9 | 152        | 145        | 0          | 33     | 34     |
| 2009 | 6     | 20  | 1    | 11     | 28     | 0.889     | -0.046    | 3.652 | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 51.6 | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 1    | 21     | 28     | 0.892     | -0.118    | 3.652 | 0.016     | 0.013     | 0         | 50.3 | 48.2 | 48.2 | 151        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 1    | 31     | 28     | 0.951     | -0.115    | 3.652 | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 47.3 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 1    | 41     | 28     | 0.912     | -0.098    | 3.655 | 0.016     | 0.013     | 0         | 50.7 | 48.2 | 47.7 | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 1    | 51     | 28     | 0.915     | -0.125    | 3.652 | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 46.4 | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 2    | 1      | 28     | 0.873     | -0.092    | 3.655 | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 46.4 | 151        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 2    | 11     | 28     | 0.948     | -0.138    | 3.655 | 0.016     | 0.013     | 0         | 50.7 | 48.2 | 45.6 | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 2    | 21     | 28     | 0.889     | -0.079    | 3.655 | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 47.3 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 2    | 31     | 28     | 0.938     | -0.125    | 3.655 | 0.016     | 0.013     | 0         | 50.3 | 47.3 | 46.9 | 151        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 2    | 41     | 28     | 0.899     | -0.125    | 3.655 | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 46.9 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 2    | 51     | 28     | 0.804     | -0.062    | 3.658 | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 49.5 | 152        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 3    | 1      | 28     | 0.925     | -0.062    | 3.658 | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 46.9 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 3    | 11     | 28     | 0.948     | -0.164    | 3.658 | 0.016     | 0.013     | 0         | 51.2 | 47.7 | 45.6 | 152        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 3    | 21     | 28     | 0.915     | -0.102    | 3.658 | 0.016     | 0.013     | 0         | 50.7 | 47.3 | 46.9 | 151        | 144        | 0          | 33     | 34     |
| 2009 | 6     | 20  | 3    | 31     | 28     | 0.883     | -0.079    | 3.661 | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 46.4 | 152        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 3    | 41     | 28     | 0.912     | -0.049    | 3.661 | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 46   | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 3    | 51     | 28     | 0.906     | -0.098    | 3.661 | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 45.2 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 4    | 1      | 28     | 0.961     | -0.135    | 3.665 | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 45.6 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 4    | 11     | 28     | 0.981     | -0.131    | 3.665 | 0.01      | 0.007     | 0         | 50.3 | 47.3 | 44.7 | 151        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 4    | 21     | 28     | 0.948     | -0.105    | 3.668 | 0.016     | 0.013     | 0         | 50.3 | 47.7 | 46   | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 4    | 31     | 28     | 0.915     | -0.108    | 3.675 | 0.013     | 0.01      | 0         | 51.2 | 47.7 | 45.2 | 152        | 145        | 0          | 33     | 34     |
| 2009 | 6     | 20  | 4    | 41     | 28     | 0.853     | -0.085    | 3.678 | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 46   | 152        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 4    | 51     | 28     | 0.919     | -0.095    | 3.678 | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 45.6 | 152        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 5    | 1      | 28     | 0.82      | -0.033    | 3.681 | 0.013     | 0.01      | 0         | 50.7 | 48.6 | 47.7 | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 5    | 11     | 28     | 0.869     | -0.043    | 3.681 | 0.016     | 0.013     | 0         | 51.2 | 48.2 | 47.3 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 5    | 21     | 28     | 0.925     | -0.092    | 3.681 | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 47.7 | 152        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 5    | 31     | 28     | 0.889     | -0.072    | 3.684 | 0.01      | 0.007     | 0         | 51.6 | 48.2 | 47.3 | 153        | 146        | 0          | 33     | 34     |
| 2009 | 6     | 20  | 5    | 41     | 28     | 0.909     | -0.128    | 3.684 | 0.013     | 0.01      | 0         | 51.6 | 48.2 | 46.4 | 153        | 146        | 0          | 33     | 34     |
| 2009 | 6     | 20  | 5    | 51     | 28     | 0.794     | -0.108    | 3.684 | 0.016     | 0.013     | 0         | 52   | 48.6 | 46.9 | 154        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 6    | 1      | 28     | 0.843     | -0.059    | 3.688 | 0.013     | 0.01      | 0         | 51.6 | 49   | 46.4 | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 6    | 11     | 28     | 0.971     | -0.151    | 3.688 | 0.016     | 0.013     | 0         | 51.2 | 48.6 | 47.3 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 6    | 21     | 28     | 0.925     | -0.079    | 3.688 | 0.016     | 0.013     | 0         | 51.2 | 48.6 | 47.3 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 6    | 31     | 28     | 0.955     | -0.121    | 3.688 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 46.4 | 153        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 6    | 41     | 28     | 0.902     | -0.108    | 3.688 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 48.2 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 6    | 51     | 28     | 0.928     | -0.095    | 3.688 | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 46.9 | 153        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 7    | 1      | 28     | 0.974     | -0.138    | 3.688 | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 47.3 | 153        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 7    | 11     | 28     | 0.879     | -0.098    | 3.691 | 0.01      | 0.007     | 0         | 51.6 | 49   | 47.3 | 153        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 7    | 21     | 28     | 0.925     | -0.095    | 3.691 | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 46   | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 7    | 31     | 28     | 0.928     | -0.125    | 3.691 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 45.2 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 7    | 41     | 28     | 0.942     | -0.125    | 3.691 | 0.016     | 0.013     | 0         | 51.2 | 48.6 | 47.3 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 7    | 51     | 28     | 0.85      | -0.075    | 3.694 | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 46   | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 8    | 1      | 28     | 0.909     | -0.128    | 3.694 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 45.2 | 153        | 146        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 20  | 8    | 11     | 28     | 0.856     | -0.056    | 3.694 | 0.016     | 0.013     | 0         | 51.2 | 48.2 | 45.2 | 153        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 8    | 21     | 28     | 0.915     | -0.125    | 3.694 | 0.01      | 0.007     | 0         | 51.2 | 49   | 46   | 153        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 8    | 31     | 28     | 0.968     | -0.135    | 3.694 | 0.016     | 0.013     | 0         | 51.6 | 48.2 | 47.3 | 153        | 146        | 0          | 33     | 34     |
| 2009 | 6     | 20  | 8    | 41     | 28     | 0.919     | -0.135    | 3.698 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 46   | 153        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 8    | 51     | 28     | 0.932     | -0.108    | 3.698 | 0.01      | 0.007     | 0         | 51.2 | 49   | 47.7 | 153        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 9    | 1      | 28     | 0.879     | -0.138    | 3.698 | 0.013     | 0.01      | 0         | 51.6 | 49   | 46.9 | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 9    | 11     | 28     | 0.928     | -0.164    | 3.698 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 45.6 | 153        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 9    | 21     | 28     | 0.902     | -0.069    | 3.698 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 46.4 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 9    | 31     | 28     | 0.912     | -0.128    | 3.701 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 45.6 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 9    | 41     | 28     | 0.833     | -0.125    | 3.701 | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 43.9 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 9    | 51     | 28     | 0.906     | -0.121    | 3.701 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 45.6 | 153        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 10   | 1      | 28     | 0.883     | -0.075    | 3.701 | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 46.9 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 10   | 11     | 28     | 0.912     | -0.121    | 3.701 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 46   | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 10   | 21     | 28     | 0.899     | -0.128    | 3.701 | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 46.9 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 10   | 31     | 28     | 0.804     | -0.072    | 3.701 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 46.4 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 10   | 41     | 28     | 0.906     | -0.115    | 3.704 | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 45.2 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 10   | 51     | 28     | 0.912     | -0.066    | 3.704 | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 46.4 | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 11   | 1      | 28     | 0.965     | -0.138    | 3.704 | 0.016     | 0.016     | 0         | 51.2 | 48.2 | 48.2 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 11   | 11     | 28     | 0.945     | -0.089    | 3.704 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 44.7 | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 11   | 21     | 28     | 0.938     | -0.121    | 3.704 | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 46   | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 11   | 31     | 28     | 0.919     | -0.125    | 3.707 | 0.016     | 0.013     | 0         | 50.7 | 48.2 | 48.2 | 151        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 11   | 41     | 28     | 0.899     | -0.144    | 3.707 | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 46.4 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 11   | 51     | 28     | 0.971     | -0.072    | 3.707 | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 47.7 | 151        | 144        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 12   | 1      | 28     | 0.945     | -0.141    | 3.707 | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 45.2 | 151        | 145        | 0          | 33     | 34     |
| 2009 | 6     | 20  | 12   | 11     | 28     | 0.876     | -0.079    | 3.707 | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 47.3 | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 12   | 21     | 28     | 0.948     | -0.108    | 3.707 | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 47.7 | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 12   | 31     | 28     | 0.958     | -0.118    | 3.707 | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 47.7 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 12   | 41     | 28     | 1.014     | -0.135    | 3.711 | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 46.4 | 151        | 145        | 0          | 33     | 34     |
| 2009 | 6     | 20  | 12   | 51     | 28     | 0.909     | -0.157    | 3.711 | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 49.5 | 152        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 13   | 1      | 28     | 1.004     | -0.092    | 3.711 | 0.013     | 0.01      | 0         | 52.5 | 49.5 | 44.7 | 155        | 148        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 13   | 11     | 28     | 0.948     | -0.141    | 3.711 | 0.016     | 0.013     | 0         | 52   | 49.9 | 45.2 | 155        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 13   | 21     | 28     | 0.978     | -0.131    | 3.711 | 0.016     | 0.013     | 0         | 52   | 49.5 | 46   | 155        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 13   | 31     | 28     | 0.988     | -0.125    | 3.711 | 0.016     | 0.013     | 0         | 52   | 49   | 46.9 | 154        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 13   | 41     | 28     | 0.951     | -0.115    | 3.711 | 0.016     | 0.013     | 0         | 52   | 49.5 | 46.9 | 154        | 147        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 13   | 51     | 28     | 0.886     | -0.085    | 3.711 | 0.01      | 0.007     | 0         | 51.6 | 49   | 48.2 | 153        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 14   | 1      | 28     | 1.007     | -0.125    | 3.711 | 0.016     | 0.013     | 0         | 51.2 | 48.6 | 46.9 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 14   | 11     | 28     | 0.886     | -0.144    | 3.714 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 47.7 | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 14   | 21     | 28     | 0.935     | -0.128    | 3.714 | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 48.6 | 152        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 14   | 31     | 28     | 0.958     | -0.089    | 3.714 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 51.2 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 14   | 41     | 28     | 0.876     | -0.154    | 3.714 | 0.016     | 0.016     | 0         | 51.2 | 47.3 | 47.3 | 152        | 144        | 0          | 33     | 34     |
| 2009 | 6     | 20  | 14   | 51     | 28     | 0.928     | -0.125    | 3.714 | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 47.7 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 15   | 1      | 28     | 0.938     | -0.157    | 3.714 | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 47.7 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 15   | 11     | 28     | 0.876     | -0.069    | 3.714 | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 47.3 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 15   | 21     | 28     | 0.876     | -0.102    | 3.717 | 0.013     | 0.01      | 0         | 50.3 | 48.2 | 48.2 | 151        | 144        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 15   | 31     | 28     | 0.915     | -0.115    | 3.717 | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 46.9 | 150        | 143        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 15   | 41     | 28     | 0.942     | -0.157    | 3.717 | 0.016     | 0.013     | 0         | 50.7 | 47.3 | 46.9 | 151        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 15   | 51     | 28     | 0.958     | -0.108    | 3.717 | 0.013     | 0.01      | 0         | 50.3 | 47.3 | 47.3 | 150        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 16   | 1      | 28     | 0.984     | -0.102    | 3.717 | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 48.6 | 150        | 143        | 0          | 33     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 20  | 16   | 11     | 28     | 0.955     | -0.112    | 3.717 | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 49   | 150        | 143        | 0          | 32     | 32     |
| 2009 | 6     | 20  | 16   | 21     | 28     | 0.958     | -0.112    | 3.717 | 0.013     | 0.01      | 0         | 50.3 | 47.3 | 47.7 | 150        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 16   | 31     | 28     | 0.938     | -0.121    | 3.717 | 0.01      | 0.007     | 0         | 50.3 | 46.9 | 49   | 150        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 16   | 41     | 28     | 0.935     | -0.043    | 3.717 | 0.016     | 0.016     | 0         | 49.9 | 47.3 | 47.3 | 150        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 16   | 51     | 28     | 0.948     | -0.125    | 3.727 | 0.016     | 0.013     | 0         | 50.3 | 47.7 | 52.9 | 150        | 143        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 17   | 1      | 28     | 0.86      | -0.059    | 3.72  | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 48.2 | 152        | 145        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 17   | 11     | 28     | 0.974     | -0.121    | 3.717 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 47.3 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 17   | 21     | 28     | 0.817     | -0.036    | 3.717 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 49   | 152        | 145        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 17   | 31     | 28     | 0.932     | -0.105    | 3.717 | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 49.5 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 17   | 41     | 28     | 0.817     | -0.046    | 3.72  | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 48.2 | 152        | 144        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 17   | 51     | 28     | 0.935     | -0.082    | 3.717 | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 50.3 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 18   | 1      | 28     | 0.942     | -0.102    | 3.717 | 0.013     | 0.01      | 0         | 51.2 | 47.7 | 46.4 | 151        | 143        | 0          | 32     | 32     |
| 2009 | 6     | 20  | 18   | 11     | 28     | 0.85      | -0.052    | 3.717 | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 48.2 | 151        | 143        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 18   | 21     | 28     | 0.928     | -0.112    | 3.717 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 46.9 | 152        | 144        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 18   | 31     | 28     | 0.856     | -0.072    | 3.72  | 0.01      | 0.007     | 0         | 51.2 | 47.7 | 48.6 | 152        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 18   | 41     | 28     | 0.879     | -0.089    | 3.717 | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 48.6 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 18   | 51     | 28     | 0.945     | -0.121    | 3.717 | 0.016     | 0.013     | 0         | 50.7 | 47.7 | 48.2 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 19   | 1      | 28     | 0.833     | -0.049    | 3.72  | 0.013     | 0.01      | 0         | 51.2 | 47.7 | 46.9 | 152        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 19   | 11     | 28     | 0.86      | -0.049    | 3.72  | 0.016     | 0.013     | 0         | 51.2 | 47.7 | 46.4 | 152        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 19   | 21     | 28     | 0.945     | -0.095    | 3.72  | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 46   | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 19   | 31     | 28     | 0.715     | 0.043     | 3.717 | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 47.3 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 19   | 41     | 28     | 0.889     | -0.066    | 3.72  | 0.013     | 0.01      | 0         | 51.6 | 48.2 | 46.9 | 152        | 145        | 0          | 32     | 33     |
| 2009 | 6     | 20  | 19   | 51     | 28     | 0.82      | 0         | 3.72  | 0.013     | 0.01      | 0         | 51.6 | 48.2 | 46   | 153        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 20   | 1      | 28     | 0.912     | -0.108    | 3.72  | 0.016     | 0.013     | 0         | 51.6 | 48.2 | 46   | 153        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 20   | 11     | 28     | 0.879     | -0.059    | 3.72  | 0.013     | 0.01      | 0         | 51.6 | 48.2 | 46.9 | 153        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 20   | 21     | 28     | 0.932     | -0.072    | 3.72  | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 46.9 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 20   | 31     | 28     | 0.886     | -0.112    | 3.72  | 0.016     | 0.013     | 0         | 51.2 | 48.2 | 46   | 152        | 144        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 20   | 41     | 28     | 0.942     | -0.066    | 3.72  | 0.013     | 0.01      | 0         | 51.2 | 47.7 | 46.9 | 152        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 20   | 51     | 28     | 0.991     | -0.082    | 3.72  | 0.016     | 0.013     | 0         | 50.7 | 47.7 | 47.3 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 21   | 1      | 28     | 0.833     | -0.056    | 3.72  | 0.016     | 0.013     | 0         | 51.2 | 48.2 | 46.4 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 21   | 11     | 28     | 0.876     | -0.059    | 3.72  | 0.016     | 0.013     | 0         | 51.2 | 48.2 | 48.2 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 21   | 21     | 28     | 0.948     | -0.062    | 3.72  | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 48.2 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 21   | 31     | 28     | 0.781     | 0.013     | 3.724 | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 46.4 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 21   | 41     | 28     | 0.863     | -0.052    | 3.72  | 0.013     | 0.01      | 0         | 51.6 | 49   | 46.4 | 153        | 146        | 0          | 33     | 32     |
| 2009 | 6     | 20  | 21   | 51     | 28     | 0.896     | -0.075    | 3.724 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 46.4 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 22   | 1      | 28     | 0.951     | -0.095    | 3.72  | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 47.7 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 22   | 11     | 28     | 0.689     | 0.046     | 3.727 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 46.9 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 22   | 21     | 28     | 0.719     | -0.03     | 3.727 | 0.016     | 0.013     | 0         | 50.7 | 48.2 | 45.6 | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 22   | 31     | 28     | 0.856     | -0.079    | 3.727 | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 47.3 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 22   | 41     | 28     | 0.843     | -0.007    | 3.727 | 0.013     | 0.01      | 0         | 51.2 | 47.7 | 47.7 | 152        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 22   | 51     | 28     | 0.889     | -0.03     | 3.727 | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 49   | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 23   | 1      | 28     | 0.837     | -0.013    | 3.73  | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 48.2 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 23   | 11     | 28     | 0.725     | 0.003     | 3.73  | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 46.9 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 23   | 21     | 28     | 0.915     | -0.095    | 3.73  | 0.016     | 0.013     | 0         | 50.7 | 47.7 | 46.9 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 23   | 31     | 28     | 0.948     | -0.115    | 3.727 | 0.016     | 0.013     | 0         | 50.7 | 47.7 | 46.9 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 23   | 41     | 28     | 0.866     | -0.095    | 3.73  | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 46   | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 20  | 23   | 51     | 28     | 0.873     | -0.069    | 3.73  | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 46.9 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 0    | 1      | 28     | 0.814     | -0.01     | 3.73  | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 46.9 | 153        | 145        | 0          | 33     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 21  | 0    | 11     | 28     | 0.86      | -0.066    | 3.73  | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 46.9 | 152        | 145        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 0    | 21     | 28     | 0.801     | -0.062    | 3.73  | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 47.3 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 0    | 31     | 28     | 0.899     | -0.066    | 3.73  | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 46   | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 0    | 41     | 28     | 0.899     | -0.075    | 3.73  | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 46.4 | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 0    | 51     | 28     | 0.787     | 0         | 3.73  | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 48.6 | 153        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 1    | 1      | 28     | 0.817     | -0.033    | 3.73  | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 49.5 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 1    | 11     | 28     | 0.945     | -0.059    | 3.73  | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 48.6 | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 1    | 21     | 28     | 0.925     | -0.056    | 3.73  | 0.013     | 0.01      | 0         | 51.6 | 48.2 | 48.6 | 152        | 145        | 0          | 32     | 33     |
| 2009 | 6     | 21  | 1    | 31     | 28     | 0.787     | -0.033    | 3.73  | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 48.6 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 1    | 41     | 28     | 0.915     | -0.118    | 3.73  | 0.016     | 0.016     | 0         | 51.2 | 47.7 | 47.7 | 152        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 1    | 51     | 28     | 0.932     | -0.059    | 3.73  | 0.016     | 0.013     | 0         | 50.7 | 47.7 | 47.3 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 2    | 1      | 28     | 0.886     | -0.079    | 3.73  | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 47.3 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 2    | 11     | 28     | 0.928     | -0.095    | 3.73  | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 46.9 | 152        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 2    | 21     | 28     | 0.774     | -0.043    | 3.73  | 0.01      | 0.007     | 0         | 51.2 | 47.7 | 47.7 | 152        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 2    | 31     | 28     | 0.86      | -0.049    | 3.73  | 0.01      | 0.007     | 0         | 50.7 | 48.6 | 46.4 | 152        | 145        | 0          | 34     | 32     |
| 2009 | 6     | 21  | 2    | 41     | 28     | 0.886     | -0.062    | 3.73  | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 48.2 | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 2    | 51     | 28     | 0.896     | -0.072    | 3.73  | 0.01      | 0.007     | 0         | 51.2 | 47.7 | 48.2 | 152        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 3    | 1      | 28     | 0.961     | -0.154    | 3.73  | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 47.3 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 3    | 11     | 28     | 0.797     | -0.039    | 3.73  | 0.016     | 0.013     | 0         | 50.7 | 47.7 | 47.7 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 3    | 21     | 28     | 0.843     | -0.082    | 3.73  | 0.01      | 0.007     | 0         | 51.2 | 47.7 | 47.7 | 152        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 3    | 31     | 28     | 0.807     | -0.046    | 3.73  | 0.016     | 0.013     | 0         | 50.7 | 48.2 | 47.3 | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 3    | 41     | 28     | 0.873     | -0.046    | 3.73  | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 48.2 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 3    | 51     | 28     | 0.883     | -0.118    | 3.73  | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 47.3 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 4    | 1      | 28     | 0.86      | -0.036    | 3.73  | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 48.2 | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 4    | 11     | 28     | 0.889     | -0.075    | 3.73  | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 46.9 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 4    | 21     | 28     | 0.902     | -0.118    | 3.73  | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 48.2 | 153        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 4    | 31     | 28     | 0.965     | -0.108    | 3.727 | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 49   | 152        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 4    | 41     | 28     | 0.915     | -0.052    | 3.727 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 46.4 | 153        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 4    | 51     | 28     | 0.915     | -0.125    | 3.727 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 48.6 | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 5    | 1      | 28     | 0.968     | -0.102    | 3.727 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 47.7 | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 5    | 11     | 28     | 0.965     | -0.108    | 3.727 | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 47.7 | 153        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 5    | 21     | 28     | 0.945     | -0.105    | 3.727 | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 46.4 | 153        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 5    | 31     | 28     | 0.961     | -0.085    | 3.727 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 47.7 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 5    | 41     | 28     | 0.899     | -0.069    | 3.727 | 0.013     | 0.01      | 0         | 51.6 | 49   | 46.9 | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 5    | 51     | 28     | 0.892     | -0.092    | 3.727 | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 47.3 | 154        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 6    | 1      | 28     | 0.922     | -0.108    | 3.727 | 0.013     | 0.01      | 0         | 52   | 48.6 | 47.3 | 154        | 147        | 0          | 33     | 34     |
| 2009 | 6     | 21  | 6    | 11     | 28     | 0.912     | -0.098    | 3.727 | 0.01      | 0.007     | 0         | 51.6 | 48.2 | 45.6 | 154        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 6    | 21     | 28     | 0.928     | -0.118    | 3.727 | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 47.7 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 6    | 31     | 28     | 0.725     | 0         | 3.727 | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 46.9 | 154        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 6    | 41     | 28     | 0.879     | -0.079    | 3.727 | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 48.2 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 6    | 51     | 28     | 0.846     | -0.072    | 3.727 | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 46.9 | 154        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 7    | 1      | 28     | 0.899     | -0.141    | 3.724 | 0.016     | 0.013     | 0         | 51.2 | 48.6 | 46.9 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 7    | 11     | 28     | 0.827     | -0.115    | 3.727 | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 46.9 | 154        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 7    | 21     | 28     | 0.883     | -0.082    | 3.724 | 0.01      | 0.007     | 0         | 51.2 | 49   | 46   | 153        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 7    | 31     | 28     | 0.869     | -0.102    | 3.727 | 0.013     | 0.01      | 0         | 51.6 | 48.2 | 45.6 | 154        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 7    | 41     | 28     | 0.883     | -0.072    | 3.724 | 0.01      | 0.007     | 0         | 52   | 48.6 | 46.9 | 154        | 147        | 0          | 33     | 34     |
| 2009 | 6     | 21  | 7    | 51     | 28     | 0.823     | -0.079    | 3.724 | 0.013     | 0.01      | 0         | 51.6 | 49   | 46.9 | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 8    | 1      | 28     | 0.899     | -0.092    | 3.724 | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 46   | 154        | 146        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 21  | 8    | 11     | 28     | 0.889     | -0.098    | 3.724 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 46.9 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 8    | 21     | 28     | 0.997     | -0.135    | 3.724 | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 47.7 | 153        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 8    | 31     | 28     | 1.01      | -0.148    | 3.724 | 0.016     | 0.013     | 0         | 51.2 | 48.2 | 46.9 | 154        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 21  | 8    | 41     | 28     | 0.876     | -0.066    | 3.724 | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 46.4 | 154        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 8    | 51     | 28     | 0.945     | -0.135    | 3.724 | 0.016     | 0.013     | 0         | 51.2 | 48.6 | 47.3 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 9    | 1      | 28     | 0.978     | -0.138    | 3.724 | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 47.3 | 153        | 147        | 0          | 33     | 34     |
| 2009 | 6     | 21  | 9    | 11     | 28     | 0.883     | -0.131    | 3.724 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 47.7 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 9    | 21     | 28     | 0.935     | -0.112    | 3.724 | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 48.6 | 154        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 9    | 31     | 28     | 0.856     | -0.072    | 3.724 | 0.016     | 0.016     | 0         | 51.6 | 49   | 47.7 | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 9    | 41     | 28     | 0.951     | -0.138    | 3.724 | 0.016     | 0.013     | 0         | 51.2 | 48.2 | 47.3 | 153        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 9    | 51     | 28     | 0.902     | -0.128    | 3.724 | 0.01      | 0.007     | 0         | 51.6 | 49   | 46.4 | 154        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 10   | 1      | 28     | 0.932     | -0.082    | 3.724 | 0.013     | 0.01      | 0         | 52   | 49.5 | 48.6 | 155        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 10   | 11     | 28     | 0.909     | -0.095    | 3.724 | 0.01      | 0.007     | 0         | 52   | 49   | 47.7 | 154        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 10   | 21     | 28     | 0.925     | -0.095    | 3.724 | 0.016     | 0.013     | 0         | 52   | 49   | 50.7 | 155        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 10   | 31     | 28     | 0.925     | -0.115    | 3.724 | 0.01      | 0.007     | 0         | 51.6 | 49   | 49.5 | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 10   | 41     | 28     | 0.942     | -0.121    | 3.724 | 0.016     | 0.013     | 0         | 51.2 | 48.2 | 48.6 | 153        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 10   | 51     | 28     | 0.925     | -0.144    | 3.724 | 0.01      | 0.007     | 0         | 52   | 48.6 | 48.2 | 154        | 147        | 0          | 33     | 34     |
| 2009 | 6     | 21  | 11   | 1      | 28     | 0.945     | -0.161    | 3.72  | 0.016     | 0.013     | 0         | 51.6 | 49   | 47.3 | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 11   | 11     | 28     | 0.82      | -0.098    | 3.724 | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 48.2 | 154        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 11   | 21     | 28     | 0.945     | -0.135    | 3.72  | 0.016     | 0.013     | 0         | 51.6 | 49   | 48.6 | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 11   | 31     | 28     | 0.928     | -0.141    | 3.72  | 0.01      | 0.007     | 0         | 51.6 | 49   | 47.7 | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 11   | 41     | 28     | 0.935     | -0.151    | 3.72  | 0.016     | 0.016     | 0         | 52   | 49   | 48.2 | 154        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 11   | 51     | 28     | 0.991     | -0.157    | 3.72  | 0.016     | 0.013     | 0         | 51.6 | 49   | 47.3 | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 12   | 1      | 28     | 0.886     | -0.095    | 3.72  | 0.01      | 0.007     | 0         | 51.6 | 49   | 48.6 | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 12   | 11     | 28     | 0.991     | -0.118    | 3.72  | 0.016     | 0.013     | 0         | 52   | 49   | 47.3 | 154        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 12   | 21     | 28     | 0.945     | -0.108    | 3.72  | 0.016     | 0.013     | 0         | 51.6 | 49   | 46   | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 12   | 31     | 28     | 0.922     | -0.089    | 3.717 | 0.016     | 0.013     | 0         | 51.6 | 49   | 46.9 | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 12   | 41     | 28     | 0.981     | -0.141    | 3.714 | 0.01      | 0.007     | 0         | 51.6 | 49   | 47.7 | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 12   | 51     | 28     | 0.902     | -0.089    | 3.714 | 0.01      | 0.007     | 0         | 51.6 | 49.5 | 45.6 | 154        | 147        | 0          | 34     | 32     |
| 2009 | 6     | 21  | 13   | 1      | 28     | 0.928     | -0.138    | 3.711 | 0.01      | 0.007     | 0         | 51.6 | 49   | 46   | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 13   | 11     | 28     | 0.925     | -0.151    | 3.711 | 0.013     | 0.01      | 0         | 52   | 48.6 | 45.2 | 154        | 147        | 0          | 33     | 34     |
| 2009 | 6     | 21  | 13   | 21     | 28     | 0.948     | -0.141    | 3.707 | 0.013     | 0.01      | 0         | 52   | 49   | 48.2 | 154        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 13   | 31     | 28     | 0.883     | -0.174    | 3.707 | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 46.4 | 154        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 13   | 41     | 28     | 0.974     | -0.151    | 3.707 | 0.013     | 0.01      | 0         | 52   | 49   | 47.7 | 154        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 13   | 51     | 28     | 0.942     | -0.108    | 3.707 | 0.013     | 0.01      | 0         | 52   | 48.6 | 47.3 | 154        | 147        | 0          | 33     | 34     |
| 2009 | 6     | 21  | 14   | 1      | 28     | 0.951     | -0.141    | 3.707 | 0.016     | 0.013     | 0         | 52   | 49   | 47.7 | 154        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 14   | 11     | 28     | 0.942     | -0.115    | 3.707 | 0.01      | 0.007     | 0         | 52   | 49.5 | 44.7 | 155        | 147        | 0          | 34     | 32     |
| 2009 | 6     | 21  | 14   | 21     | 28     | 0.971     | -0.128    | 3.707 | 0.016     | 0.013     | 0         | 52   | 49   | 48.2 | 155        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 14   | 31     | 28     | 0.938     | -0.112    | 3.707 | 0.013     | 0.01      | 0         | 52.5 | 49.5 | 48.6 | 155        | 148        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 14   | 41     | 28     | 0.974     | -0.112    | 3.707 | 0.013     | 0.01      | 0         | 51.6 | 49.5 | 46.4 | 154        | 147        | 0          | 34     | 32     |
| 2009 | 6     | 21  | 14   | 51     | 28     | 0.948     | -0.125    | 3.707 | 0.016     | 0.013     | 0         | 52   | 49   | 46.9 | 154        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 15   | 1      | 28     | 0.863     | -0.098    | 3.707 | 0.01      | 0.007     | 0         | 52.5 | 49.5 | 46.4 | 155        | 148        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 15   | 11     | 28     | 0.906     | -0.102    | 3.707 | 0.016     | 0.013     | 0         | 52   | 49   | 51.2 | 154        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 15   | 21     | 28     | 0.948     | -0.112    | 3.704 | 0.01      | 0.007     | 0         | 52.5 | 49.5 | 47.3 | 155        | 148        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 15   | 31     | 28     | 0.945     | -0.141    | 3.707 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 49   | 155        | 148        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 15   | 41     | 28     | 0.961     | -0.128    | 3.707 | 0.01      | 0.007     | 0         | 52.5 | 49   | 49   | 155        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 15   | 51     | 28     | 0.896     | -0.135    | 3.707 | 0.013     | 0.01      | 0         | 52.5 | 49   | 46.9 | 155        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 16   | 1      | 28     | 0.958     | -0.131    | 3.704 | 0.013     | 0.01      | 0         | 52   | 49   | 48.2 | 154        | 147        | 0          | 33     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 21  | 16   | 11     | 28     | 0.991     | -0.131    | 3.704 | 0.013     | 0.01      | 0         | 52   | 48.6 | 47.7 | 154        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 16   | 21     | 28     | 0.919     | -0.085    | 3.707 | 0.01      | 0.007     | 0         | 51.6 | 49   | 46.4 | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 16   | 31     | 28     | 0.912     | -0.128    | 3.704 | 0.016     | 0.013     | 0         | 51.6 | 49   | 48.6 | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 16   | 41     | 28     | 0.968     | -0.174    | 3.704 | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 49.5 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 16   | 51     | 28     | 0.902     | -0.105    | 3.704 | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 47.7 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 17   | 1      | 28     | 0.971     | -0.135    | 3.704 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 49   | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 17   | 11     | 28     | 0.853     | -0.187    | 3.704 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 49.9 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 17   | 21     | 28     | 0.938     | -0.141    | 3.704 | 0.01      | 0.007     | 0         | 52   | 48.6 | 48.6 | 154        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 17   | 31     | 28     | 0.948     | -0.079    | 3.704 | 0.013     | 0.01      | 0         | 51.2 | 49   | 50.3 | 153        | 146        | 0          | 34     | 32     |
| 2009 | 6     | 21  | 17   | 41     | 28     | 0.899     | -0.098    | 3.704 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 49   | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 17   | 51     | 28     | 0.965     | -0.075    | 3.704 | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 51.2 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 18   | 1      | 28     | 0.863     | -0.069    | 3.704 | 0.013     | 0.01      | 0         | 52   | 48.6 | 47.7 | 154        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 18   | 11     | 28     | 0.935     | -0.089    | 3.704 | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 46.9 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 18   | 21     | 28     | 0.958     | -0.154    | 3.704 | 0.016     | 0.013     | 0         | 51.2 | 48.6 | 48.6 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 18   | 31     | 28     | 0.948     | -0.125    | 3.704 | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 47.3 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 18   | 41     | 28     | 1.014     | -0.135    | 3.704 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 47.7 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 18   | 51     | 28     | 0.922     | -0.085    | 3.704 | 0.013     | 0.01      | 0         | 51.6 | 48.2 | 46.9 | 153        | 146        | 0          | 33     | 34     |
| 2009 | 6     | 21  | 19   | 1      | 28     | 0.945     | -0.154    | 3.704 | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 49   | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 19   | 11     | 28     | 0.932     | -0.085    | 3.704 | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 47.3 | 154        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 19   | 21     | 28     | 0.866     | -0.112    | 3.704 | 0.016     | 0.013     | 0         | 51.2 | 48.6 | 47.7 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 19   | 31     | 28     | 0.928     | -0.108    | 3.704 | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 46.9 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 19   | 41     | 28     | 0.965     | -0.144    | 3.704 | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 47.3 | 153        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 19   | 51     | 28     | 0.784     | -0.039    | 3.704 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 46.4 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 20   | 1      | 28     | 0.853     | -0.066    | 3.704 | 0.01      | 0.007     | 0         | 51.6 | 49   | 46.4 | 153        | 146        | 0          | 33     | 32     |
| 2009 | 6     | 21  | 20   | 11     | 28     | 0.876     | -0.095    | 3.704 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 47.3 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 20   | 21     | 28     | 0.991     | -0.135    | 3.704 | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 48.6 | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 20   | 31     | 28     | 0.899     | -0.125    | 3.704 | 0.016     | 0.013     | 0         | 51.2 | 48.2 | 46.9 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 20   | 41     | 28     | 0.915     | -0.089    | 3.704 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 46.9 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 20   | 51     | 28     | 0.889     | -0.128    | 3.704 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 47.3 | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 21   | 1      | 28     | 0.801     | -0.082    | 3.704 | 0.016     | 0.013     | 0         | 51.2 | 48.2 | 47.7 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 21   | 11     | 28     | 0.997     | -0.151    | 3.704 | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 47.7 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 21   | 21     | 28     | 0.988     | -0.115    | 3.704 | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 46   | 152        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 21   | 31     | 28     | 0.922     | -0.135    | 3.704 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 47.7 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 21   | 41     | 28     | 0.892     | -0.102    | 3.704 | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 48.2 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 21   | 51     | 28     | 0.958     | -0.128    | 3.701 | 0.016     | 0.013     | 0         | 50.3 | 47.7 | 46.4 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 22   | 1      | 28     | 0.988     | -0.102    | 3.704 | 0.013     | 0.01      | 0         | 50.7 | 47.3 | 46.9 | 151        | 144        | 0          | 33     | 34     |
| 2009 | 6     | 21  | 22   | 11     | 28     | 0.909     | -0.095    | 3.704 | 0.016     | 0.013     | 0         | 50.7 | 48.6 | 49.5 | 152        | 145        | 0          | 34     | 32     |
| 2009 | 6     | 21  | 22   | 21     | 28     | 0.909     | -0.105    | 3.704 | 0.013     | 0.01      | 0         | 51.2 | 47.7 | 47.3 | 152        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 22   | 31     | 28     | 0.948     | -0.079    | 3.701 | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 48.2 | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 22   | 41     | 28     | 0.965     | -0.092    | 3.701 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 46   | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 22   | 51     | 28     | 0.978     | -0.157    | 3.701 | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 46   | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 23   | 1      | 28     | 1.001     | -0.151    | 3.701 | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 46.9 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 21  | 23   | 11     | 28     | 0.909     | -0.125    | 3.701 | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 46.4 | 152        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 23   | 21     | 28     | 0.879     | -0.121    | 3.701 | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 46.9 | 152        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 23   | 31     | 28     | 0.984     | -0.141    | 3.701 | 0.016     | 0.013     | 0         | 50.7 | 47.7 | 47.3 | 152        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 23   | 41     | 28     | 0.919     | -0.125    | 3.701 | 0.016     | 0.013     | 0         | 50.3 | 47.7 | 46.4 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 23   | 51     | 28     | 0.919     | -0.075    | 3.701 | 0.01      | 0.007     | 0         | 51.2 | 47.7 | 47.3 | 152        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 0    | 1      | 28     | 0.794     | -0.026    | 3.704 | 0.01      | 0.007     | 0         | 51.6 | 48.2 | 46.4 | 153        | 145        | 0          | 33     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 22  | 0    | 11     | 28     | 0.81      | -0.052    | 3.704 | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 46.4 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 0    | 21     | 28     | 0.84      | -0.049    | 3.704 | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 47.7 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 0    | 31     | 28     | 0.764     | -0.007    | 3.704 | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 46   | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 0    | 41     | 28     | 0.81      | -0.01     | 3.701 | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 45.6 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 0    | 51     | 28     | 0.935     | -0.112    | 3.704 | 0.016     | 0.013     | 0         | 50.3 | 47.7 | 45.6 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 1    | 1      | 28     | 0.787     | -0.062    | 3.701 | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 46.9 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 1    | 11     | 28     | 0.823     | -0.079    | 3.704 | 0.016     | 0.013     | 0         | 50.3 | 47.7 | 46   | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 1    | 21     | 28     | 0.837     | -0.049    | 3.704 | 0.016     | 0.013     | 0         | 50.7 | 47.7 | 45.6 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 1    | 31     | 28     | 0.945     | -0.128    | 3.701 | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 44.7 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 1    | 41     | 28     | 0.807     | -0.023    | 3.704 | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 45.6 | 152        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 1    | 51     | 28     | 0.971     | -0.105    | 3.704 | 0.016     | 0.013     | 0         | 51.2 | 48.2 | 45.6 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 2    | 1      | 28     | 0.689     | 0.049     | 3.707 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 46.9 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 2    | 11     | 28     | 0.879     | -0.079    | 3.707 | 0.013     | 0.01      | 0         | 52   | 48.6 | 44.3 | 154        | 147        | 0          | 33     | 34     |
| 2009 | 6     | 22  | 2    | 21     | 28     | 0.804     | -0.046    | 3.707 | 0.013     | 0.01      | 0         | 52.5 | 49.5 | 47.3 | 156        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 2    | 31     | 28     | 0.82      | -0.039    | 3.707 | 0.013     | 0.01      | 0         | 52   | 49   | 44.7 | 155        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 2    | 41     | 28     | 0.846     | -0.046    | 3.711 | 0.01      | 0.007     | 0         | 52.5 | 49.5 | 45.6 | 155        | 148        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 2    | 51     | 28     | 0.833     | -0.013    | 3.714 | 0.013     | 0.01      | 0         | 52.5 | 49.5 | 45.6 | 155        | 148        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 3    | 1      | 28     | 0.951     | -0.085    | 3.714 | 0.01      | 0.007     | 0         | 52   | 48.6 | 44.7 | 155        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 3    | 11     | 28     | 0.945     | -0.108    | 3.714 | 0.013     | 0.01      | 0         | 51.6 | 49   | 44.3 | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 3    | 21     | 28     | 0.896     | -0.046    | 3.714 | 0.016     | 0.013     | 0         | 52   | 48.6 | 46   | 154        | 147        | 0          | 33     | 34     |
| 2009 | 6     | 22  | 3    | 31     | 28     | 0.719     | 0.01      | 3.717 | 0.016     | 0.013     | 0         | 52   | 48.6 | 48.6 | 154        | 147        | 0          | 33     | 34     |
| 2009 | 6     | 22  | 3    | 41     | 28     | 0.787     | -0.043    | 3.714 | 0.016     | 0.013     | 0         | 52   | 49   | 46   | 155        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 3    | 51     | 28     | 0.827     | -0.033    | 3.717 | 0.016     | 0.016     | 0         | 51.6 | 49   | 46   | 155        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 22  | 4    | 1      | 28     | 0.912     | -0.062    | 3.717 | 0.016     | 0.013     | 0         | 52   | 48.6 | 46   | 155        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 4    | 11     | 28     | 0.889     | -0.033    | 3.717 | 0.01      | 0.007     | 0         | 51.6 | 49   | 48.2 | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 4    | 21     | 28     | 0.82      | -0.046    | 3.717 | 0.013     | 0.01      | 0         | 51.6 | 49.5 | 49.9 | 154        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 4    | 31     | 28     | 0.863     | -0.082    | 3.717 | 0.013     | 0.01      | 0         | 52   | 49   | 51.2 | 155        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 4    | 41     | 28     | 0.856     | -0.089    | 3.72  | 0.01      | 0.007     | 0         | 52.5 | 49   | 50.3 | 156        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 4    | 51     | 28     | 0.784     | -0.062    | 3.72  | 0.013     | 0.01      | 0         | 52.5 | 49.5 | 47.3 | 156        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 5    | 1      | 28     | 0.768     | -0.046    | 3.72  | 0.016     | 0.016     | 0         | 52.5 | 49.5 | 46.4 | 156        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 5    | 11     | 28     | 0.846     | -0.069    | 3.72  | 0.013     | 0.01      | 0         | 52   | 49   | 48.2 | 155        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 5    | 21     | 28     | 0.958     | -0.082    | 3.72  | 0.016     | 0.016     | 0         | 52   | 49.5 | 49.5 | 155        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 5    | 31     | 28     | 0.764     | -0.03     | 3.72  | 0.013     | 0.01      | 0         | 52.5 | 49.5 | 47.7 | 156        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 5    | 41     | 28     | 0.876     | -0.082    | 3.72  | 0.013     | 0.01      | 0         | 52   | 49.5 | 49.5 | 155        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 5    | 51     | 28     | 0.886     | -0.069    | 3.72  | 0.01      | 0.007     | 0         | 52   | 49.9 | 49.9 | 155        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 6    | 1      | 28     | 0.771     | -0.043    | 3.72  | 0.013     | 0.01      | 0         | 52.5 | 49.5 | 48.2 | 156        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 6    | 11     | 28     | 0.827     | -0.059    | 3.72  | 0.016     | 0.013     | 0         | 52.5 | 49.5 | 49.5 | 156        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 6    | 21     | 28     | 0.82      | -0.052    | 3.72  | 0.01      | 0.007     | 0         | 52.5 | 49.5 | 49.9 | 156        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 6    | 31     | 28     | 0.843     | -0.085    | 3.72  | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 50.3 | 156        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 6    | 41     | 28     | 0.794     | -0.049    | 3.72  | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 48.2 | 156        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 6    | 51     | 28     | 0.82      | -0.079    | 3.72  | 0.013     | 0.01      | 0         | 52.9 | 49.9 | 50.3 | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 7    | 1      | 28     | 0.86      | -0.105    | 3.72  | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 49   | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 7    | 11     | 28     | 0.748     | -0.007    | 3.72  | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 48.2 | 157        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 7    | 21     | 28     | 0.869     | -0.089    | 3.72  | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 49.9 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 7    | 31     | 28     | 0.919     | -0.095    | 3.72  | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 52   | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 7    | 41     | 28     | 0.843     | -0.046    | 3.72  | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 46.9 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 7    | 51     | 28     | 0.915     | -0.092    | 3.724 | 0.01      | 0.007     | 0         | 53.8 | 50.7 | 49.9 | 158        | 152        | 0          | 33     | 34     |
| 2009 | 6     | 22  | 8    | 1      | 28     | 0.791     | -0.023    | 3.724 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 48.2 | 159        | 152        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 22  | 8    | 11     | 28     | 0.886     | -0.092    | 3.724 | 0.01      | 0.007     | 0         | 53.8 | 50.7 | 49.5 | 159        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 8    | 21     | 28     | 0.899     | -0.089    | 3.724 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 52.5 | 160        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 8    | 31     | 28     | 0.86      | -0.046    | 3.724 | 0.013     | 0.01      | 0         | 54.6 | 52   | 49.5 | 161        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 8    | 41     | 28     | 0.81      | -0.082    | 3.724 | 0.013     | 0.01      | 0         | 54.2 | 52   | 48.6 | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 8    | 51     | 28     | 0.935     | -0.075    | 3.724 | 0.013     | 0.01      | 0         | 54.2 | 52   | 48.6 | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 9    | 1      | 28     | 0.81      | -0.016    | 3.724 | 0.013     | 0.01      | 0         | 54.2 | 52   | 48.6 | 161        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 9    | 11     | 28     | 0.725     | -0.013    | 3.724 | 0.01      | 0.007     | 0         | 54.6 | 51.2 | 47.7 | 160        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 22  | 9    | 21     | 28     | 0.945     | -0.098    | 3.724 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 50.3 | 159        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 9    | 31     | 28     | 0.787     | -0.036    | 3.724 | 0.01      | 0.007     | 0         | 54.2 | 51.2 | 48.2 | 159        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 9    | 41     | 28     | 0.906     | -0.092    | 3.724 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 48.2 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 9    | 51     | 28     | 0.886     | -0.075    | 3.724 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 48.6 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 10   | 1      | 28     | 0.896     | -0.069    | 3.724 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 46.4 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 10   | 11     | 28     | 0.873     | -0.112    | 3.724 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 48.6 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 10   | 21     | 28     | 0.853     | -0.059    | 3.724 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 48.2 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 10   | 31     | 28     | 0.915     | -0.108    | 3.724 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 47.7 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 10   | 41     | 28     | 0.928     | -0.095    | 3.724 | 0.016     | 0.016     | 0         | 52.5 | 50.3 | 48.2 | 156        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 10   | 51     | 28     | 0.906     | -0.056    | 3.724 | 0.01      | 0.007     | 0         | 53.3 | 49.5 | 46.9 | 157        | 149        | 0          | 33     | 34     |
| 2009 | 6     | 22  | 11   | 1      | 28     | 0.843     | -0.039    | 3.724 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 46.4 | 156        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 11   | 11     | 28     | 0.909     | -0.112    | 3.727 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 46.9 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 11   | 21     | 28     | 0.961     | -0.095    | 3.727 | 0.016     | 0.013     | 0         | 52.5 | 49.5 | 46.9 | 156        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 11   | 31     | 28     | 0.955     | -0.128    | 3.727 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 48.6 | 156        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 11   | 41     | 28     | 0.935     | -0.125    | 3.727 | 0.01      | 0.007     | 0         | 52.9 | 49.9 | 46.9 | 156        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 11   | 51     | 28     | 0.925     | -0.089    | 3.727 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 47.3 | 156        | 149        | 0          | 34     | 32     |
| 2009 | 6     | 22  | 12   | 1      | 28     | 0.971     | -0.161    | 3.727 | 0.01      | 0.007     | 0         | 52.5 | 49.5 | 46   | 156        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 12   | 11     | 28     | 0.846     | -0.066    | 3.727 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 47.3 | 156        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 12   | 21     | 28     | 0.919     | -0.108    | 3.727 | 0.01      | 0.007     | 0         | 52   | 49.9 | 49   | 155        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 12   | 31     | 28     | 0.886     | -0.052    | 3.727 | 0.01      | 0.007     | 0         | 52   | 49.9 | 46   | 155        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 12   | 41     | 28     | 0.863     | -0.089    | 3.727 | 0.013     | 0.01      | 0         | 52   | 49.9 | 47.7 | 155        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 12   | 51     | 28     | 0.968     | -0.105    | 3.73  | 0.013     | 0.01      | 0         | 52   | 49.5 | 47.3 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 13   | 1      | 28     | 0.948     | -0.115    | 3.73  | 0.01      | 0.007     | 0         | 52   | 49   | 47.7 | 155        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 13   | 11     | 28     | 0.974     | -0.121    | 3.73  | 0.01      | 0.007     | 0         | 52   | 49.5 | 46   | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 13   | 21     | 28     | 0.965     | -0.154    | 3.73  | 0.01      | 0.007     | 0         | 52.9 | 49.9 | 49.9 | 156        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 13   | 31     | 28     | 0.965     | -0.115    | 3.73  | 0.016     | 0.013     | 0         | 52   | 49.5 | 49.9 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 13   | 41     | 28     | 0.984     | -0.144    | 3.73  | 0.016     | 0.016     | 0         | 52.5 | 49.9 | 49   | 156        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 13   | 51     | 28     | 0.951     | -0.154    | 3.73  | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 50.3 | 156        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 14   | 1      | 28     | 0.915     | -0.102    | 3.73  | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 46.9 | 156        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 14   | 11     | 28     | 0.938     | -0.148    | 3.734 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 49   | 156        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 14   | 21     | 28     | 0.928     | -0.095    | 3.734 | 0.01      | 0.007     | 0         | 52.9 | 49.9 | 49.9 | 156        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 14   | 31     | 28     | 0.974     | -0.128    | 3.734 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 47.3 | 155        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 14   | 41     | 28     | 0.906     | -0.144    | 3.734 | 0.01      | 0.007     | 0         | 52.5 | 49.5 | 49   | 156        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 14   | 51     | 28     | 0.938     | -0.102    | 3.734 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 49.9 | 156        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 15   | 1      | 28     | 0.942     | -0.112    | 3.734 | 0.013     | 0.01      | 0         | 52   | 49.5 | 51.2 | 155        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 15   | 11     | 28     | 0.915     | -0.118    | 3.734 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 49.9 | 155        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 15   | 21     | 28     | 0.902     | -0.121    | 3.734 | 0.01      | 0.007     | 0         | 52.5 | 49.5 | 49.9 | 156        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 15   | 31     | 28     | 0.938     | -0.138    | 3.734 | 0.013     | 0.01      | 0         | 52.5 | 49.5 | 48.6 | 155        | 148        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 15   | 41     | 28     | 0.945     | -0.112    | 3.734 | 0.016     | 0.013     | 0         | 52.5 | 49.5 | 49.5 | 155        | 148        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 15   | 51     | 28     | 0.928     | -0.138    | 3.734 | 0.013     | 0.01      | 0         | 51.6 | 49.5 | 50.3 | 154        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 16   | 1      | 28     | 0.942     | -0.089    | 3.734 | 0.01      | 0.007     | 0         | 52   | 49.5 | 50.7 | 155        | 148        | 0          | 34     | 33     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 22  | 16   | 11     | 28     | 0.935     | -0.098    | 3.737 | 0.01      | 0.007     | 0         | 51.6 | 49   | 49   | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 16   | 21     | 28     | 0.951     | -0.105    | 3.734 | 0.013     | 0.01      | 0         | 52   | 49.5 | 48.2 | 155        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 16   | 31     | 28     | 0.823     | -0.141    | 3.737 | 0.01      | 0.007     | 0         | 51.6 | 49   | 49.9 | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 16   | 41     | 28     | 0.932     | -0.151    | 3.737 | 0.01      | 0.007     | 0         | 51.6 | 49   | 48.6 | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 16   | 51     | 28     | 0.928     | -0.115    | 3.737 | 0.013     | 0.01      | 0         | 52   | 49.5 | 50.7 | 154        | 147        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 17   | 1      | 28     | 0.974     | -0.112    | 3.737 | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 47.7 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 17   | 11     | 28     | 0.899     | -0.089    | 3.737 | 0.01      | 0.007     | 0         | 51.6 | 48.2 | 48.6 | 153        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 17   | 21     | 28     | 0.892     | -0.079    | 3.737 | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 50.7 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 17   | 31     | 28     | 0.958     | -0.112    | 3.737 | 0.013     | 0.01      | 0         | 51.2 | 49   | 47.7 | 153        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 17   | 41     | 28     | 1.001     | -0.131    | 3.737 | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 48.6 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 22  | 17   | 51     | 28     | 0.981     | -0.135    | 3.737 | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 47.7 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 10   | 30     | 50     | 0.932     | -0.098    | 3.766 | 0.01      | 0.007     | 0         | 52   | 49   | 46.9 | 154        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 10   | 40     | 50     | 0.856     | -0.082    | 3.77  | 0.013     | 0.01      | 0         | 51.6 | 49   | 44.3 | 154        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 10   | 50     | 50     | 0.948     | -0.121    | 3.77  | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 47.3 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 11   | 0      | 50     | 0.922     | -0.075    | 3.77  | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 46   | 154        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 11   | 10     | 50     | 0.935     | -0.148    | 3.77  | 0.016     | 0.013     | 0         | 51.6 | 49   | 46   | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 11   | 20     | 50     | 0.935     | -0.085    | 3.77  | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 46.4 | 154        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 11   | 30     | 50     | 0.994     | -0.128    | 3.77  | 0.016     | 0.013     | 0         | 51.2 | 48.6 | 46.4 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 11   | 40     | 50     | 0.948     | -0.125    | 3.77  | 0.01      | 0.007     | 0         | 51.2 | 49   | 49   | 153        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 11   | 50     | 50     | 0.955     | -0.118    | 3.77  | 0.013     | 0.01      | 0         | 51.2 | 49   | 46   | 153        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 12   | 0      | 50     | 0.932     | -0.098    | 3.77  | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 48.2 | 154        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 12   | 5      | 59     | 0.932     | -0.138    | 3.773 | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 50.7 | 153        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 12   | 15     | 59     | 0.974     | -0.102    | 3.773 | 0.013     | 0.01      | 0         | 52   | 49.5 | 49.5 | 154        | 148        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 12   | 25     | 59     | 0.886     | -0.161    | 3.77  | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 47.7 | 154        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 12   | 35     | 59     | 0.991     | -0.138    | 3.77  | 0.01      | 0.007     | 0         | 51.6 | 49   | 46.9 | 153        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 12   | 45     | 59     | 0.988     | -0.141    | 3.773 | 0.016     | 0.013     | 0         | 51.2 | 48.6 | 46.9 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 12   | 55     | 59     | 0.974     | -0.128    | 3.773 | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 47.3 | 154        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 13   | 5      | 59     | 0.935     | -0.095    | 3.773 | 0.013     | 0.01      | 0         | 51.6 | 49   | 47.7 | 153        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 13   | 15     | 59     | 0.942     | -0.128    | 3.773 | 0.013     | 0.01      | 0         | 51.6 | 49   | 49.5 | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 13   | 25     | 59     | 0.945     | -0.141    | 3.773 | 0.01      | 0.007     | 0         | 52   | 49   | 47.3 | 154        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 13   | 35     | 59     | 0.932     | -0.167    | 3.773 | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 48.6 | 153        | 147        | 0          | 33     | 34     |
| 2009 | 6     | 23  | 13   | 45     | 59     | 0.981     | -0.108    | 3.773 | 0.01      | 0.007     | 0         | 51.6 | 49   | 47.3 | 153        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 13   | 55     | 59     | 0.958     | -0.2      | 3.773 | 0.013     | 0.01      | 0         | 51.2 | 49   | 46   | 153        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 14   | 5      | 59     | 0.915     | -0.135    | 3.773 | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 51.6 | 154        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 14   | 15     | 59     | 0.928     | -0.141    | 3.776 | 0.013     | 0.01      | 0         | 52   | 49   | 49.9 | 154        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 14   | 25     | 59     | 0.994     | -0.115    | 3.776 | 0.016     | 0.016     | 0         | 51.2 | 49   | 49   | 153        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 14   | 35     | 59     | 0.945     | -0.112    | 3.776 | 0.013     | 0.01      | 0         | 51.2 | 49   | 49.5 | 153        | 146        | 0          | 34     | 32     |
| 2009 | 6     | 23  | 14   | 45     | 59     | 0.958     | -0.105    | 3.776 | 0.01      | 0.007     | 0         | 51.6 | 49   | 49   | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 14   | 55     | 59     | 0.915     | -0.141    | 3.776 | 0.016     | 0.013     | 0         | 52   | 49   | 50.3 | 154        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 15   | 5      | 59     | 0.912     | -0.151    | 3.776 | 0.013     | 0.01      | 0         | 52   | 48.6 | 52   | 154        | 147        | 0          | 33     | 34     |
| 2009 | 6     | 23  | 15   | 15     | 59     | 0.938     | -0.141    | 3.776 | 0.01      | 0.007     | 0         | 52   | 49   | 50.7 | 154        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 15   | 25     | 59     | 0.978     | -0.138    | 3.776 | 0.013     | 0.01      | 0         | 52   | 49   | 52.5 | 154        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 15   | 35     | 59     | 0.968     | -0.131    | 3.776 | 0.013     | 0.01      | 0         | 52   | 49.5 | 50.7 | 155        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 15   | 45     | 59     | 0.978     | -0.138    | 3.776 | 0.01      | 0.007     | 0         | 52.9 | 49.9 | 48.6 | 155        | 149        | 0          | 32     | 33     |
| 2009 | 6     | 23  | 15   | 55     | 59     | 0.938     | -0.128    | 3.776 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 49.9 | 156        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 16   | 5      | 59     | 0.955     | -0.092    | 3.776 | 0.013     | 0.01      | 0         | 53.3 | 49.9 | 50.7 | 157        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 16   | 15     | 59     | 0.922     | -0.125    | 3.776 | 0.01      | 0.007     | 0         | 52.9 | 49.9 | 53.3 | 156        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 16   | 25     | 59     | 1.007     | -0.141    | 3.776 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 49.9 | 156        | 149        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 23  | 16   | 35     | 59     | 0.909     | -0.098    | 3.776 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 50.3 | 156        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 16   | 45     | 59     | 0.896     | -0.171    | 3.776 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 52.9 | 156        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 16   | 55     | 59     | 0.958     | -0.108    | 3.776 | 0.01      | 0.007     | 0         | 52.5 | 49.5 | 49   | 155        | 148        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 17   | 5      | 59     | 0.906     | -0.144    | 3.776 | 0.01      | 0.007     | 0         | 52   | 49.9 | 49.9 | 155        | 148        | 0          | 34     | 32     |
| 2009 | 6     | 23  | 17   | 15     | 59     | 0.978     | -0.112    | 3.776 | 0.013     | 0.01      | 0         | 52   | 49   | 52   | 155        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 17   | 25     | 59     | 0.928     | -0.167    | 3.776 | 0.01      | 0.007     | 0         | 52   | 49   | 51.6 | 154        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 17   | 35     | 59     | 1.027     | -0.125    | 3.773 | 0.016     | 0.016     | 0         | 52.5 | 49.5 | 49   | 155        | 148        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 17   | 45     | 59     | 0.948     | -0.079    | 3.776 | 0.013     | 0.01      | 0         | 52   | 49.5 | 51.2 | 154        | 148        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 17   | 55     | 59     | 0.899     | -0.095    | 3.776 | 0.016     | 0.013     | 0         | 51.6 | 49   | 52.9 | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 18   | 5      | 59     | 1.007     | -0.154    | 3.776 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 51.2 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 18   | 15     | 59     | 1.007     | -0.131    | 3.776 | 0.01      | 0.007     | 0         | 52   | 49   | 51.6 | 154        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 18   | 25     | 59     | 0.932     | -0.125    | 3.776 | 0.01      | 0.007     | 0         | 51.6 | 49   | 48.2 | 153        | 146        | 0          | 33     | 32     |
| 2009 | 6     | 23  | 18   | 35     | 59     | 0.961     | -0.141    | 3.776 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 47.7 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 18   | 45     | 59     | 0.948     | -0.125    | 3.776 | 0.013     | 0.01      | 0         | 51.6 | 49   | 49   | 153        | 146        | 0          | 33     | 32     |
| 2009 | 6     | 23  | 18   | 55     | 59     | 0.978     | -0.157    | 3.773 | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 50.7 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 19   | 5      | 59     | 0.942     | -0.105    | 3.776 | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 49   | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 19   | 15     | 59     | 0.968     | -0.121    | 3.776 | 0.016     | 0.013     | 0         | 52   | 48.6 | 47.3 | 154        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 19   | 25     | 59     | 0.932     | -0.082    | 3.776 | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 49   | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 19   | 35     | 59     | 0.984     | -0.154    | 3.776 | 0.01      | 0.007     | 0         | 51.6 | 48.2 | 47.7 | 153        | 146        | 0          | 33     | 34     |
| 2009 | 6     | 23  | 19   | 45     | 59     | 0.951     | -0.121    | 3.776 | 0.01      | 0.007     | 0         | 51.6 | 49   | 46.9 | 153        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 19   | 55     | 59     | 1.007     | -0.115    | 3.776 | 0.016     | 0.013     | 0         | 51.2 | 47.7 | 47.3 | 152        | 145        | 0          | 33     | 34     |
| 2009 | 6     | 23  | 20   | 5      | 59     | 0.971     | -0.112    | 3.776 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 46.4 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 20   | 15     | 59     | 0.968     | -0.115    | 3.776 | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 48.6 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 20   | 25     | 59     | 0.988     | -0.135    | 3.776 | 0.016     | 0.013     | 0         | 51.2 | 48.6 | 46.9 | 153        | 145        | 0          | 34     | 32     |
| 2009 | 6     | 23  | 20   | 35     | 59     | 0.906     | -0.092    | 3.776 | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 48.2 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 20   | 45     | 59     | 0.817     | -0.056    | 3.776 | 0.013     | 0.01      | 0         | 51.6 | 49   | 46.9 | 153        | 146        | 0          | 33     | 32     |
| 2009 | 6     | 23  | 20   | 55     | 59     | 0.922     | -0.079    | 3.776 | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 46.4 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 21   | 5      | 59     | 0.945     | -0.095    | 3.776 | 0.016     | 0.013     | 0         | 50.7 | 47.7 | 47.7 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 21   | 15     | 59     | 0.764     | -0.01     | 3.776 | 0.016     | 0.013     | 0         | 51.2 | 48.6 | 48.6 | 152        | 145        | 0          | 33     | 32     |
| 2009 | 6     | 23  | 21   | 25     | 59     | 0.866     | -0.066    | 3.776 | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 48.6 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 21   | 35     | 59     | 0.751     | 0.01      | 3.776 | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 49.5 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 21   | 45     | 59     | 1.001     | -0.089    | 3.776 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 46.9 | 150        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 21   | 55     | 59     | 0.758     | -0.016    | 3.776 | 0.013     | 0.01      | 0         | 50.3 | 48.2 | 47.3 | 151        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 22   | 5      | 59     | 0.902     | -0.079    | 3.776 | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 48.6 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 22   | 15     | 59     | 0.876     | -0.079    | 3.776 | 0.016     | 0.013     | 0         | 50.3 | 47.7 | 49   | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 22   | 25     | 59     | 0.935     | -0.056    | 3.773 | 0.016     | 0.016     | 0         | 50.7 | 47.7 | 48.2 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 22   | 35     | 59     | 0.843     | -0.066    | 3.773 | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 49.5 | 150        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 22   | 45     | 59     | 0.876     | -0.098    | 3.776 | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 47.7 | 150        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 22   | 55     | 59     | 0.823     | -0.059    | 3.776 | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 48.2 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 23   | 5      | 59     | 0.84      | -0.062    | 3.776 | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 47.3 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 23   | 15     | 59     | 0.804     | -0.056    | 3.773 | 0.01      | 0.007     | 0         | 49.9 | 47.7 | 46.9 | 150        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 23   | 25     | 59     | 0.932     | -0.112    | 3.776 | 0.013     | 0.01      | 0         | 50.3 | 46.9 | 46.9 | 150        | 143        | 0          | 33     | 34     |
| 2009 | 6     | 23  | 23   | 35     | 59     | 0.856     | 0         | 3.773 | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 47.7 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 23   | 45     | 59     | 0.886     | -0.066    | 3.773 | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 46.9 | 150        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 23  | 23   | 55     | 59     | 0.955     | -0.131    | 3.773 | 0.013     | 0.01      | 0         | 50.3 | 47.3 | 47.3 | 150        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 0    | 5      | 59     | 0.791     | -0.02     | 3.773 | 0.01      | 0.007     | 0         | 50.3 | 47.3 | 48.2 | 151        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 0    | 15     | 59     | 0.869     | -0.062    | 3.773 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 47.7 | 150        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 0    | 25     | 59     | 0.938     | -0.098    | 3.773 | 0.013     | 0.01      | 0         | 49.9 | 47.3 | 47.3 | 150        | 143        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 24  | 0    | 35     | 59     | 0.919     | -0.108    | 3.773 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 46.4 | 150        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 0    | 45     | 59     | 0.925     | -0.043    | 3.773 | 0.013     | 0.01      | 0         | 50.7 | 47.3 | 45.2 | 151        | 144        | 0          | 33     | 34     |
| 2009 | 6     | 24  | 0    | 55     | 59     | 0.879     | -0.056    | 3.773 | 0.016     | 0.013     | 0         | 50.3 | 47.3 | 46.4 | 150        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 1    | 5      | 59     | 0.938     | -0.062    | 3.776 | 0.01      | 0.007     | 0         | 49.9 | 47.7 | 47.3 | 150        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 1    | 15     | 59     | 0.866     | -0.069    | 3.773 | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 47.7 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 1    | 25     | 59     | 0.863     | -0.089    | 3.773 | 0.013     | 0.01      | 0         | 50.7 | 47.3 | 46.4 | 151        | 144        | 0          | 33     | 34     |
| 2009 | 6     | 24  | 1    | 35     | 59     | 0.869     | -0.092    | 3.773 | 0.01      | 0.007     | 0         | 50.3 | 48.2 | 46   | 151        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 1    | 45     | 59     | 0.846     | -0.066    | 3.776 | 0.01      | 0.007     | 0         | 50.3 | 47.3 | 45.6 | 151        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 1    | 55     | 59     | 0.978     | -0.144    | 3.773 | 0.013     | 0.01      | 0         | 49.9 | 47.3 | 45.2 | 150        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 2    | 5      | 59     | 0.932     | -0.115    | 3.776 | 0.016     | 0.013     | 0         | 49.9 | 47.3 | 46.9 | 150        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 2    | 15     | 59     | 0.928     | -0.135    | 3.776 | 0.013     | 0.01      | 0         | 50.7 | 47.3 | 46   | 151        | 144        | 0          | 33     | 34     |
| 2009 | 6     | 24  | 2    | 25     | 59     | 0.83      | -0.046    | 3.776 | 0.01      | 0.007     | 0         | 50.7 | 47.3 | 46   | 151        | 144        | 0          | 33     | 34     |
| 2009 | 6     | 24  | 2    | 35     | 59     | 0.886     | -0.092    | 3.776 | 0.01      | 0.007     | 0         | 50.3 | 47.3 | 45.6 | 150        | 144        | 0          | 33     | 34     |
| 2009 | 6     | 24  | 2    | 45     | 59     | 0.925     | -0.036    | 3.776 | 0.013     | 0.01      | 0         | 49.9 | 47.3 | 47.3 | 150        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 2    | 55     | 59     | 0.846     | -0.056    | 3.776 | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 46.4 | 151        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 3    | 5      | 59     | 0.807     | -0.007    | 3.776 | 0.013     | 0.01      | 0         | 50.3 | 47.3 | 46.4 | 151        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 3    | 15     | 59     | 0.922     | -0.046    | 3.776 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 46.9 | 150        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 3    | 25     | 59     | 0.804     | -0.043    | 3.776 | 0.013     | 0.01      | 0         | 50.3 | 48.2 | 46   | 151        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 3    | 35     | 59     | 0.892     | -0.079    | 3.776 | 0.013     | 0.01      | 0         | 50.3 | 47.3 | 44.7 | 151        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 3    | 45     | 59     | 0.85      | -0.089    | 3.776 | 0.01      | 0.007     | 0         | 50.3 | 48.2 | 45.2 | 151        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 3    | 55     | 59     | 0.968     | -0.115    | 3.776 | 0.013     | 0.01      | 0         | 49.9 | 47.7 | 44.3 | 150        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 4    | 5      | 59     | 0.915     | -0.148    | 3.776 | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 46   | 151        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 4    | 15     | 59     | 0.869     | -0.092    | 3.78  | 0.01      | 0.007     | 0         | 50.3 | 48.2 | 44.7 | 151        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 4    | 25     | 59     | 0.84      | -0.056    | 3.78  | 0.016     | 0.013     | 0         | 50.3 | 48.2 | 43.9 | 151        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 4    | 35     | 59     | 0.886     | -0.092    | 3.783 | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 45.2 | 151        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 4    | 45     | 59     | 0.823     | -0.079    | 3.783 | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 45.6 | 151        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 4    | 55     | 59     | 0.955     | -0.085    | 3.783 | 0.016     | 0.013     | 0         | 50.3 | 48.2 | 46.9 | 151        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 5    | 5      | 59     | 0.751     | -0.016    | 3.786 | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 46   | 152        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 5    | 15     | 59     | 0.922     | -0.075    | 3.786 | 0.013     | 0.01      | 0         | 50.3 | 48.2 | 45.2 | 151        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 5    | 25     | 59     | 0.978     | -0.161    | 3.783 | 0.013     | 0.01      | 0         | 50.3 | 48.2 | 43   | 151        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 5    | 35     | 59     | 0.899     | -0.125    | 3.789 | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 45.6 | 152        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 5    | 45     | 59     | 0.758     | -0.023    | 3.786 | 0.013     | 0.01      | 0         | 50.7 | 49   | 46   | 153        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 5    | 55     | 59     | 0.787     | -0.026    | 3.786 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 43.9 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 6    | 5      | 59     | 0.889     | -0.112    | 3.786 | 0.013     | 0.01      | 0         | 50.7 | 48.6 | 46   | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 6    | 15     | 59     | 0.991     | -0.164    | 3.786 | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 45.2 | 152        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 6    | 25     | 59     | 0.869     | -0.112    | 3.789 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 46.9 | 152        | 146        | 0          | 33     | 34     |
| 2009 | 6     | 24  | 6    | 35     | 59     | 0.919     | -0.102    | 3.789 | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 44.7 | 152        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 6    | 45     | 59     | 0.869     | -0.056    | 3.789 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 46.4 | 152        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 6    | 55     | 59     | 0.945     | -0.115    | 3.789 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 47.7 | 152        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 7    | 5      | 59     | 0.899     | -0.105    | 3.789 | 0.016     | 0.013     | 0         | 50.3 | 48.2 | 47.3 | 151        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 7    | 15     | 59     | 0.938     | -0.105    | 3.789 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 46   | 152        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 7    | 25     | 59     | 0.758     | -0.043    | 3.789 | 0.01      | 0.007     | 0         | 50.7 | 48.6 | 46.4 | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 7    | 35     | 59     | 0.879     | -0.075    | 3.789 | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 46.4 | 151        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 7    | 45     | 59     | 0.912     | -0.085    | 3.789 | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 46.4 | 152        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 7    | 55     | 59     | 0.892     | -0.072    | 3.789 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 46.9 | 152        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 8    | 5      | 59     | 0.965     | -0.085    | 3.789 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 46.9 | 152        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 8    | 15     | 59     | 0.948     | -0.112    | 3.789 | 0.013     | 0.01      | 0         | 50.7 | 48.6 | 46.9 | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 8    | 25     | 59     | 0.958     | -0.066    | 3.789 | 0.013     | 0.01      | 0         | 50.7 | 48.6 | 47.3 | 152        | 146        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 24  | 8    | 35     | 59     | 0.942     | -0.118    | 3.789 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 46.9 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 8    | 45     | 59     | 0.945     | -0.138    | 3.789 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 48.2 | 152        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 8    | 55     | 59     | 0.915     | -0.085    | 3.789 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 46.4 | 152        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 9    | 5      | 59     | 0.974     | -0.131    | 3.789 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 47.3 | 152        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 9    | 15     | 59     | 1.014     | -0.161    | 3.789 | 0.016     | 0.013     | 0         | 50.7 | 48.6 | 47.7 | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 9    | 25     | 59     | 0.942     | -0.082    | 3.789 | 0.013     | 0.01      | 0         | 50.7 | 48.6 | 46.9 | 152        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 9    | 35     | 59     | 0.892     | -0.148    | 3.789 | 0.01      | 0.007     | 0         | 50.7 | 48.6 | 48.6 | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 9    | 45     | 59     | 0.84      | -0.079    | 3.793 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 47.3 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 9    | 55     | 59     | 0.925     | -0.125    | 3.789 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 49.9 | 152        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 10   | 5      | 59     | 0.925     | -0.131    | 3.789 | 0.013     | 0.01      | 0         | 50.7 | 48.6 | 47.7 | 152        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 10   | 15     | 59     | 0.955     | -0.112    | 3.789 | 0.016     | 0.013     | 0         | 50.7 | 48.2 | 46.9 | 152        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 10   | 25     | 59     | 0.906     | -0.108    | 3.789 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 46.9 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 10   | 35     | 59     | 0.948     | -0.148    | 3.789 | 0.016     | 0.013     | 0         | 50.7 | 48.2 | 47.3 | 152        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 10   | 45     | 59     | 0.951     | -0.121    | 3.789 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 45.6 | 152        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 10   | 55     | 59     | 0.958     | -0.121    | 3.789 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 46.9 | 152        | 146        | 0          | 33     | 34     |
| 2009 | 6     | 24  | 11   | 5      | 59     | 0.935     | -0.138    | 3.789 | 0.01      | 0.007     | 0         | 51.2 | 49   | 47.3 | 153        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 11   | 15     | 59     | 1.001     | -0.157    | 3.786 | 0.013     | 0.01      | 0         | 50.7 | 49   | 46.4 | 152        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 11   | 25     | 59     | 0.951     | -0.121    | 3.786 | 0.013     | 0.01      | 0         | 51.6 | 49   | 47.7 | 153        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 11   | 35     | 59     | 0.902     | -0.184    | 3.786 | 0.01      | 0.007     | 0         | 51.2 | 49   | 47.3 | 153        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 11   | 45     | 59     | 0.942     | -0.171    | 3.783 | 0.013     | 0.01      | 0         | 51.6 | 49   | 46   | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 11   | 55     | 59     | 0.988     | -0.121    | 3.78  | 0.01      | 0.007     | 0         | 51.6 | 49   | 45.6 | 154        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 12   | 5      | 59     | 1.004     | -0.128    | 3.776 | 0.016     | 0.013     | 0         | 51.6 | 49   | 48.2 | 154        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 12   | 15     | 59     | 0.991     | -0.138    | 3.78  | 0.01      | 0.007     | 0         | 51.6 | 49   | 46.9 | 154        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 12   | 25     | 59     | 0.896     | -0.105    | 3.78  | 0.01      | 0.007     | 0         | 51.6 | 49.5 | 48.2 | 154        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 12   | 35     | 59     | 0.909     | -0.112    | 3.78  | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 49.5 | 156        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 12   | 45     | 59     | 1.004     | -0.128    | 3.776 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 52.5 | 156        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 12   | 55     | 59     | 0.974     | -0.131    | 3.776 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 49.5 | 156        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 13   | 5      | 59     | 0.883     | -0.131    | 3.776 | 0.013     | 0.01      | 0         | 52.5 | 50.3 | 49   | 156        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 13   | 15     | 59     | 0.889     | -0.131    | 3.776 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 48.2 | 157        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 13   | 25     | 59     | 1.03      | -0.151    | 3.776 | 0.01      | 0.007     | 0         | 53.3 | 51.2 | 48.6 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 13   | 35     | 59     | 0.981     | -0.141    | 3.776 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 49.5 | 158        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 13   | 45     | 59     | 0.965     | -0.115    | 3.776 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 50.3 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 13   | 55     | 59     | 0.981     | -0.151    | 3.776 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 49   | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 14   | 5      | 59     | 0.978     | -0.105    | 3.776 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 48.2 | 158        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 14   | 15     | 59     | 0.974     | -0.161    | 3.776 | 0.013     | 0.01      | 0         | 52.9 | 50.7 | 49.5 | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 14   | 25     | 59     | 0.945     | -0.131    | 3.776 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 49.9 | 157        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 14   | 35     | 59     | 0.961     | -0.154    | 3.776 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 52   | 157        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 14   | 45     | 59     | 0.899     | -0.095    | 3.776 | 0.016     | 0.016     | 0         | 52.9 | 50.7 | 49.5 | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 14   | 55     | 59     | 0.928     | -0.125    | 3.776 | 0.013     | 0.01      | 0         | 53.3 | 51.2 | 50.7 | 158        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 15   | 5      | 59     | 0.945     | -0.125    | 3.776 | 0.013     | 0.01      | 0         | 52.9 | 51.2 | 49   | 158        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 15   | 15     | 59     | 0.919     | -0.131    | 3.776 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 47.7 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 15   | 25     | 59     | 0.942     | -0.105    | 3.773 | 0.01      | 0.007     | 0         | 54.6 | 51.2 | 45.6 | 159        | 152        | 0          | 32     | 33     |
| 2009 | 6     | 24  | 15   | 35     | 59     | 0.942     | -0.154    | 3.776 | 0.01      | 0.007     | 0         | 54.2 | 51.2 | 47.7 | 159        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 15   | 45     | 59     | 0.965     | -0.118    | 3.773 | 0.01      | 0.007     | 0         | 54.2 | 51.6 | 45.2 | 159        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 15   | 55     | 59     | 1.004     | -0.105    | 3.77  | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 47.3 | 158        | 152        | 0          | 33     | 34     |
| 2009 | 6     | 24  | 16   | 5      | 59     | 0.961     | -0.121    | 3.773 | 0.01      | 0.007     | 0         | 54.2 | 51.2 | 47.7 | 159        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 16   | 15     | 59     | 0.896     | -0.118    | 3.773 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 51.2 | 159        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 16   | 25     | 59     | 0.974     | -0.118    | 3.773 | 0.01      | 0.007     | 0         | 54.6 | 51.2 | 48.2 | 159        | 152        | 0          | 32     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 24  | 16   | 35     | 59     | 0.971     | -0.118    | 3.773 | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 47.3 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 16   | 45     | 59     | 0.971     | -0.135    | 3.773 | 0.01      | 0.007     | 0         | 53.8 | 50.7 | 48.6 | 158        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 16   | 55     | 59     | 0.994     | -0.108    | 3.77  | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 48.2 | 157        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 17   | 5      | 59     | 0.974     | -0.105    | 3.77  | 0.01      | 0.007     | 0         | 53.8 | 50.7 | 48.6 | 158        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 17   | 15     | 59     | 0.961     | -0.121    | 3.77  | 0.01      | 0.007     | 0         | 53.3 | 50.7 | 48.2 | 157        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 17   | 25     | 59     | 0.988     | -0.135    | 3.77  | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 48.2 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 17   | 35     | 59     | 0.961     | -0.115    | 3.766 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 47.7 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 17   | 45     | 59     | 0.955     | -0.102    | 3.763 | 0.01      | 0.007     | 0         | 52.9 | 50.7 | 46.9 | 157        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 17   | 55     | 59     | 0.928     | -0.141    | 3.766 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 47.7 | 158        | 151        | 0          | 33     | 32     |
| 2009 | 6     | 24  | 18   | 5      | 59     | 0.925     | -0.125    | 3.766 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 49.9 | 157        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 18   | 15     | 59     | 0.951     | -0.115    | 3.77  | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 46.9 | 157        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 18   | 25     | 59     | 0.978     | -0.115    | 3.766 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 49.5 | 157        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 18   | 35     | 59     | 0.928     | -0.112    | 3.766 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 47.7 | 156        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 18   | 45     | 59     | 0.935     | -0.112    | 3.763 | 0.01      | 0.007     | 0         | 53.8 | 50.7 | 46.9 | 158        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 18   | 55     | 59     | 0.997     | -0.118    | 3.766 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 50.3 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 19   | 5      | 59     | 0.991     | -0.125    | 3.763 | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 47.3 | 158        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 19   | 15     | 59     | 0.958     | -0.112    | 3.763 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 47.7 | 158        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 19   | 25     | 59     | 0.906     | -0.141    | 3.766 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 46.4 | 157        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 19   | 35     | 59     | 0.971     | -0.125    | 3.766 | 0.01      | 0.007     | 0         | 53.3 | 50.3 | 49.9 | 157        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 19   | 45     | 59     | 0.978     | -0.148    | 3.766 | 0.01      | 0.007     | 0         | 53.3 | 50.3 | 49   | 157        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 19   | 55     | 59     | 0.994     | -0.115    | 3.766 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 49   | 157        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 20   | 5      | 59     | 0.928     | -0.131    | 3.77  | 0.01      | 0.007     | 0         | 52.9 | 49.9 | 46.4 | 156        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 20   | 15     | 59     | 0.945     | -0.115    | 3.77  | 0.013     | 0.01      | 0         | 52   | 49.5 | 46   | 155        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 20   | 25     | 59     | 1.02      | -0.115    | 3.77  | 0.01      | 0.007     | 0         | 52   | 49.5 | 48.2 | 155        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 20   | 35     | 59     | 0.997     | -0.125    | 3.773 | 0.01      | 0.007     | 0         | 52   | 49.5 | 46   | 155        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 20   | 45     | 59     | 0.938     | -0.138    | 3.773 | 0.013     | 0.01      | 0         | 52   | 49   | 48.6 | 154        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 20   | 55     | 59     | 0.994     | -0.167    | 3.773 | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 48.6 | 154        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 21   | 5      | 59     | 0.978     | -0.174    | 3.773 | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 48.2 | 153        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 21   | 15     | 59     | 0.991     | -0.138    | 3.773 | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 46.9 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 21   | 25     | 59     | 0.955     | -0.125    | 3.773 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 48.2 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 21   | 35     | 59     | 0.909     | -0.079    | 3.776 | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 49   | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 21   | 45     | 59     | 0.912     | -0.105    | 3.776 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 46.9 | 153        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 21   | 55     | 59     | 0.955     | -0.105    | 3.776 | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 45.6 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 22   | 5      | 59     | 0.968     | -0.102    | 3.776 | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 47.7 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 22   | 15     | 59     | 0.758     | 0.02      | 3.78  | 0.013     | 0.01      | 0         | 51.2 | 47.7 | 46.9 | 152        | 145        | 0          | 33     | 34     |
| 2009 | 6     | 24  | 22   | 25     | 59     | 0.889     | -0.062    | 3.78  | 0.01      | 0.007     | 0         | 49.9 | 48.2 | 46.9 | 151        | 145        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 22   | 35     | 59     | 0.86      | -0.062    | 3.78  | 0.016     | 0.013     | 0         | 50.3 | 47.7 | 46.9 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 22   | 45     | 59     | 0.902     | -0.082    | 3.78  | 0.016     | 0.013     | 0         | 49.9 | 47.7 | 47.7 | 150        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 22   | 55     | 59     | 0.955     | -0.121    | 3.78  | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 45.6 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 23   | 5      | 59     | 0.915     | -0.092    | 3.78  | 0.013     | 0.01      | 0         | 49.9 | 47.7 | 46   | 150        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 23   | 15     | 59     | 0.915     | -0.108    | 3.78  | 0.013     | 0.01      | 0         | 50.3 | 47.3 | 45.6 | 150        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 24  | 23   | 25     | 59     | 0.879     | -0.039    | 3.783 | 0.01      | 0.007     | 0         | 50.3 | 47.3 | 46.4 | 151        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 23   | 35     | 59     | 0.804     | -0.043    | 3.783 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 45.6 | 150        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 23   | 45     | 59     | 0.899     | -0.098    | 3.786 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 46   | 150        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 23   | 55     | 59     | 0.876     | -0.062    | 3.786 | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 45.2 | 150        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 0    | 5      | 59     | 0.902     | -0.108    | 3.789 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 45.6 | 150        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 0    | 15     | 59     | 0.935     | -0.112    | 3.796 | 0.013     | 0.01      | 0         | 50.3 | 47.3 | 45.6 | 150        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 0    | 25     | 59     | 0.873     | -0.062    | 3.796 | 0.01      | 0.007     | 0         | 50.3 | 47.3 | 46   | 150        | 144        | 0          | 33     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 25  | 0    | 35     | 59     | 0.82      | -0.02     | 3.796 | 0.013     | 0.01      | 0         | 50.3 | 47.3 | 46.4 | 151        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 0    | 45     | 59     | 0.906     | -0.092    | 3.799 | 0.013     | 0.01      | 0         | 49.9 | 46.9 | 46.4 | 150        | 143        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 0    | 55     | 59     | 0.879     | -0.082    | 3.799 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 47.7 | 150        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 1    | 5      | 59     | 0.801     | -0.046    | 3.799 | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 46.9 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 1    | 15     | 59     | 0.741     | 0.016     | 3.802 | 0.01      | 0.007     | 0         | 50.3 | 47.3 | 48.2 | 151        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 1    | 25     | 59     | 0.994     | -0.105    | 3.799 | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 48.6 | 150        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 1    | 35     | 59     | 0.791     | -0.046    | 3.802 | 0.013     | 0.01      | 0         | 50.3 | 47.3 | 49.5 | 151        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 1    | 45     | 59     | 0.951     | -0.075    | 3.802 | 0.013     | 0.01      | 0         | 49.9 | 47.7 | 46.9 | 151        | 144        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 1    | 55     | 59     | 0.85      | -0.036    | 3.802 | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 48.2 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 2    | 5      | 59     | 0.876     | -0.036    | 3.802 | 0.016     | 0.016     | 0         | 50.7 | 47.7 | 46.9 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 2    | 15     | 59     | 0.758     | -0.03     | 3.802 | 0.01      | 0.007     | 0         | 50.3 | 48.2 | 48.2 | 151        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 2    | 25     | 59     | 0.869     | -0.059    | 3.806 | 0.013     | 0.01      | 0         | 50.3 | 48.2 | 46.9 | 151        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 2    | 35     | 59     | 0.919     | -0.112    | 3.802 | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 47.3 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 2    | 45     | 59     | 0.863     | -0.069    | 3.806 | 0.01      | 0.007     | 0         | 50.3 | 47.3 | 47.7 | 151        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 2    | 55     | 59     | 0.909     | -0.072    | 3.806 | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 47.7 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 3    | 5      | 59     | 0.892     | -0.062    | 3.806 | 0.013     | 0.01      | 0         | 50.3 | 47.3 | 46.4 | 151        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 3    | 15     | 59     | 0.879     | -0.072    | 3.806 | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 47.3 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 3    | 25     | 59     | 0.965     | -0.115    | 3.806 | 0.013     | 0.01      | 0         | 50.3 | 48.2 | 46.9 | 151        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 3    | 35     | 59     | 0.814     | -0.033    | 3.806 | 0.016     | 0.013     | 0         | 50.3 | 47.7 | 47.3 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 3    | 45     | 59     | 0.879     | -0.085    | 3.806 | 0.016     | 0.013     | 0         | 50.3 | 47.7 | 47.3 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 3    | 55     | 59     | 0.971     | -0.085    | 3.806 | 0.013     | 0.01      | 0         | 49.9 | 47.3 | 45.6 | 150        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 4    | 5      | 59     | 0.955     | -0.112    | 3.806 | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 47.3 | 150        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 4    | 15     | 59     | 0.909     | -0.075    | 3.809 | 0.016     | 0.016     | 0         | 50.3 | 47.3 | 46   | 151        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 4    | 25     | 59     | 0.863     | -0.052    | 3.809 | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 45.2 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 4    | 35     | 59     | 0.906     | -0.075    | 3.809 | 0.016     | 0.013     | 0         | 49.9 | 47.3 | 46.9 | 150        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 4    | 45     | 59     | 0.833     | -0.144    | 3.809 | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 47.3 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 4    | 55     | 59     | 0.899     | -0.066    | 3.809 | 0.013     | 0.01      | 0         | 50.3 | 47.3 | 45.6 | 151        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 5    | 5      | 59     | 0.988     | -0.118    | 3.809 | 0.01      | 0.007     | 0         | 51.2 | 47.7 | 45.6 | 152        | 145        | 0          | 33     | 34     |
| 2009 | 6     | 25  | 5    | 15     | 59     | 0.925     | -0.092    | 3.809 | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 46.9 | 151        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 5    | 25     | 59     | 0.912     | -0.075    | 3.809 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 46   | 152        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 5    | 35     | 59     | 0.869     | -0.079    | 3.809 | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 45.2 | 152        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 5    | 45     | 59     | 0.938     | -0.112    | 3.809 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 46.4 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 5    | 55     | 59     | 0.961     | -0.138    | 3.809 | 0.013     | 0.01      | 0         | 50.7 | 48.6 | 44.7 | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 6    | 5      | 59     | 0.869     | -0.046    | 3.809 | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 45.2 | 152        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 6    | 15     | 59     | 0.863     | -0.085    | 3.809 | 0.01      | 0.007     | 0         | 50.7 | 48.6 | 46.4 | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 6    | 25     | 59     | 0.974     | -0.135    | 3.809 | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 45.6 | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 6    | 35     | 59     | 0.791     | -0.052    | 3.809 | 0.01      | 0.007     | 0         | 50.7 | 48.6 | 44.3 | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 6    | 45     | 59     | 0.906     | -0.128    | 3.806 | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 44.7 | 151        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 6    | 55     | 59     | 1.024     | -0.148    | 3.809 | 0.01      | 0.007     | 0         | 50.3 | 48.2 | 44.7 | 151        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 7    | 5      | 59     | 0.945     | -0.167    | 3.809 | 0.013     | 0.01      | 0         | 49.9 | 48.2 | 45.6 | 151        | 145        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 7    | 15     | 59     | 0.886     | -0.125    | 3.809 | 0.016     | 0.016     | 0         | 50.3 | 48.2 | 45.6 | 151        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 7    | 25     | 59     | 0.978     | -0.131    | 3.809 | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 45.2 | 151        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 7    | 35     | 59     | 0.955     | -0.102    | 3.809 | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 44.7 | 151        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 7    | 45     | 59     | 0.974     | -0.144    | 3.809 | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 45.2 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 7    | 55     | 59     | 0.899     | -0.125    | 3.809 | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 46   | 152        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 8    | 5      | 59     | 0.794     | -0.007    | 3.809 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 44.3 | 152        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 8    | 15     | 59     | 0.922     | -0.118    | 3.809 | 0.016     | 0.016     | 0         | 50.3 | 47.7 | 45.6 | 151        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 8    | 25     | 59     | 0.899     | -0.098    | 3.809 | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 45.2 | 152        | 145        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 25  | 8    | 35     | 59     | 0.932     | -0.115    | 3.809 | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 45.6 | 152        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 8    | 45     | 59     | 0.889     | -0.112    | 3.809 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 46   | 152        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 8    | 55     | 59     | 0.846     | -0.052    | 3.809 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 46.4 | 152        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 9    | 5      | 59     | 1.014     | -0.144    | 3.809 | 0.013     | 0.01      | 0         | 50.3 | 48.2 | 44.3 | 151        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 9    | 15     | 59     | 0.906     | -0.079    | 3.809 | 0.013     | 0.01      | 0         | 50.7 | 48.6 | 46.4 | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 9    | 25     | 59     | 0.938     | -0.154    | 3.809 | 0.01      | 0.007     | 0         | 50.7 | 48.6 | 45.2 | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 9    | 35     | 59     | 0.889     | -0.036    | 3.809 | 0.016     | 0.013     | 0         | 51.2 | 48.2 | 46.4 | 152        | 146        | 0          | 33     | 34     |
| 2009 | 6     | 25  | 9    | 45     | 59     | 0.942     | -0.092    | 3.809 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 45.6 | 152        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 9    | 55     | 59     | 0.906     | -0.082    | 3.809 | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 47.3 | 152        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 10   | 5      | 59     | 0.85      | -0.062    | 3.806 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 47.7 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 10   | 15     | 59     | 0.968     | -0.125    | 3.809 | 0.01      | 0.007     | 0         | 49.9 | 47.7 | 45.6 | 151        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 25  | 10   | 25     | 59     | 1.001     | -0.141    | 3.809 | 0.01      | 0.007     | 0         | 50.3 | 47.3 | 46   | 151        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 10   | 35     | 59     | 1.024     | -0.177    | 3.806 | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 46.9 | 151        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 10   | 45     | 59     | 0.961     | -0.112    | 3.809 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 46.4 | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 10   | 55     | 59     | 0.971     | -0.095    | 3.809 | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 47.7 | 151        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 11   | 5      | 59     | 0.902     | -0.154    | 3.809 | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 47.7 | 152        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 11   | 15     | 59     | 0.938     | -0.125    | 3.809 | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 50.7 | 152        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 11   | 25     | 59     | 0.955     | -0.118    | 3.809 | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 51.6 | 154        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 11   | 35     | 59     | 0.974     | -0.157    | 3.806 | 0.013     | 0.01      | 0         | 51.6 | 49   | 49   | 153        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 11   | 45     | 59     | 0.955     | -0.141    | 3.809 | 0.01      | 0.007     | 0         | 52   | 49   | 51.6 | 154        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 11   | 55     | 59     | 0.955     | -0.151    | 3.806 | 0.01      | 0.007     | 0         | 51.6 | 49.5 | 46.9 | 154        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 12   | 5      | 59     | 0.984     | -0.151    | 3.809 | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 50.3 | 154        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 12   | 15     | 59     | 0.965     | -0.108    | 3.806 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 56.8 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 12   | 25     | 59     | 0.978     | -0.128    | 3.809 | 0.01      | 0.007     | 0         | 51.6 | 49.5 | 53.3 | 154        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 12   | 35     | 59     | 0.958     | -0.141    | 3.809 | 0.013     | 0.01      | 0         | 51.6 | 49   | 55   | 154        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 12   | 45     | 59     | 0.988     | -0.105    | 3.809 | 0.01      | 0.007     | 0         | 52   | 49.9 | 50.3 | 155        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 12   | 55     | 59     | 0.984     | -0.121    | 3.806 | 0.01      | 0.007     | 0         | 52   | 49.5 | 51.2 | 155        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 13   | 5      | 59     | 0.971     | -0.131    | 3.809 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 52.5 | 157        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 13   | 15     | 59     | 0.932     | -0.079    | 3.809 | 0.01      | 0.007     | 0         | 53.3 | 51.6 | 53.3 | 158        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 25  | 13   | 25     | 59     | 0.994     | -0.121    | 3.809 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 50.3 | 158        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 13   | 35     | 59     | 0.981     | -0.105    | 3.806 | 0.01      | 0.007     | 0         | 53.8 | 51.6 | 45.6 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 13   | 45     | 59     | 0.883     | -0.095    | 3.806 | 0.013     | 0.01      | 0         | 54.6 | 52   | 49.9 | 160        | 154        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 13   | 55     | 59     | 0.955     | -0.089    | 3.809 | 0.02      | 0.016     | 0         | 54.6 | 52   | 50.7 | 160        | 154        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 14   | 5      | 59     | 0.971     | -0.125    | 3.806 | 0.01      | 0.007     | 0         | 54.6 | 52.5 | 53.3 | 161        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 14   | 15     | 59     | 0.984     | -0.085    | 3.809 | 0.016     | 0.013     | 0         | 55   | 52   | 47.7 | 161        | 154        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 14   | 25     | 59     | 1.033     | -0.102    | 3.806 | 0.01      | 0.007     | 0         | 55   | 52.5 | 46.4 | 161        | 155        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 14   | 35     | 59     | 0.938     | -0.125    | 3.806 | 0.013     | 0.01      | 0         | 55   | 52   | 46.4 | 161        | 155        | 0          | 33     | 34     |
| 2009 | 6     | 25  | 14   | 45     | 59     | 0.968     | -0.095    | 3.806 | 0.013     | 0.01      | 0         | 54.6 | 52.5 | 47.3 | 161        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 14   | 55     | 59     | 0.984     | -0.082    | 3.806 | 0.013     | 0.01      | 0         | 55   | 52.9 | 48.2 | 162        | 155        | 0          | 34     | 32     |
| 2009 | 6     | 25  | 15   | 5      | 59     | 1.004     | -0.098    | 3.802 | 0.013     | 0.01      | 0         | 55   | 52.5 | 49   | 162        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 15   | 15     | 59     | 0.971     | -0.092    | 3.802 | 0.013     | 0.01      | 0         | 54.6 | 52.5 | 48.2 | 161        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 15   | 25     | 59     | 1.02      | -0.089    | 3.802 | 0.01      | 0.007     | 0         | 55   | 52   | 51.2 | 161        | 155        | 0          | 33     | 34     |
| 2009 | 6     | 25  | 15   | 35     | 59     | 0.974     | -0.095    | 3.802 | 0.016     | 0.013     | 0         | 54.6 | 52.5 | 47.3 | 161        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 15   | 45     | 59     | 1.007     | -0.118    | 3.806 | 0.01      | 0.007     | 0         | 54.6 | 51.6 | 49.5 | 161        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 15   | 55     | 59     | 0.935     | -0.141    | 3.806 | 0.013     | 0.01      | 0         | 54.6 | 52   | 45.2 | 160        | 154        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 16   | 5      | 59     | 1.004     | -0.157    | 3.802 | 0.013     | 0.01      | 0         | 54.6 | 51.6 | 51.2 | 160        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 16   | 15     | 59     | 0.968     | -0.131    | 3.806 | 0.01      | 0.007     | 0         | 54.6 | 52   | 47.7 | 160        | 154        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 16   | 25     | 59     | 0.958     | -0.108    | 3.802 | 0.013     | 0.01      | 0         | 55   | 51.6 | 52   | 160        | 153        | 0          | 32     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 25  | 16   | 35     | 59     | 0.988     | -0.112    | 3.802 | 0.01      | 0.007     | 0         | 54.6 | 51.6 | 48.6 | 160        | 153        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 16   | 45     | 59     | 1.001     | -0.131    | 3.799 | 0.01      | 0.007     | 0         | 53.8 | 51.6 | 45.6 | 159        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 16   | 55     | 59     | 0.935     | -0.079    | 3.799 | 0.01      | 0.007     | 0         | 54.2 | 51.2 | 49   | 159        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 17   | 5      | 59     | 0.928     | -0.098    | 3.802 | 0.01      | 0.007     | 0         | 54.2 | 51.2 | 50.3 | 159        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 17   | 15     | 59     | 0.991     | -0.112    | 3.802 | 0.013     | 0.01      | 0         | 53.8 | 50.3 | 48.6 | 158        | 151        | 0          | 33     | 34     |
| 2009 | 6     | 25  | 17   | 25     | 59     | 0.945     | -0.115    | 3.799 | 0.01      | 0.007     | 0         | 53.8 | 50.7 | 47.3 | 158        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 17   | 35     | 59     | 0.915     | -0.095    | 3.802 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 48.6 | 157        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 17   | 45     | 59     | 0.932     | -0.135    | 3.802 | 0.01      | 0.007     | 0         | 53.3 | 50.3 | 48.6 | 157        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 17   | 55     | 59     | 0.981     | -0.108    | 3.799 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 48.2 | 157        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 18   | 5      | 59     | 0.991     | -0.085    | 3.802 | 0.01      | 0.007     | 0         | 53.3 | 50.7 | 47.7 | 157        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 18   | 15     | 59     | 0.955     | -0.102    | 3.799 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 50.3 | 158        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 18   | 25     | 59     | 0.968     | -0.089    | 3.802 | 0.01      | 0.007     | 0         | 53.8 | 50.7 | 46.4 | 158        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 18   | 35     | 59     | 0.958     | -0.141    | 3.799 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 48.2 | 157        | 150        | 0          | 33     | 32     |
| 2009 | 6     | 25  | 18   | 45     | 59     | 0.912     | -0.112    | 3.802 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 49.9 | 157        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 18   | 55     | 59     | 0.974     | -0.141    | 3.802 | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 48.6 | 156        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 19   | 5      | 59     | 0.955     | -0.095    | 3.802 | 0.013     | 0.01      | 0         | 52.9 | 50.3 | 45.2 | 156        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 19   | 15     | 59     | 0.948     | -0.112    | 3.806 | 0.01      | 0.007     | 0         | 52.9 | 49.9 | 43.9 | 156        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 19   | 25     | 59     | 0.932     | -0.108    | 3.806 | 0.013     | 0.01      | 0         | 52.5 | 49.5 | 45.2 | 155        | 148        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 19   | 35     | 59     | 0.988     | -0.138    | 3.806 | 0.016     | 0.013     | 0         | 52   | 49.9 | 45.2 | 154        | 148        | 0          | 33     | 32     |
| 2009 | 6     | 25  | 19   | 45     | 59     | 0.886     | -0.082    | 3.806 | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 50.7 | 155        | 148        | 0          | 33     | 32     |
| 2009 | 6     | 25  | 19   | 55     | 59     | 1.004     | -0.108    | 3.806 | 0.013     | 0.01      | 0         | 52.5 | 49.5 | 48.2 | 155        | 149        | 0          | 33     | 34     |
| 2009 | 6     | 25  | 20   | 5      | 59     | 0.919     | -0.115    | 3.806 | 0.013     | 0.01      | 0         | 52.9 | 49.9 | 46   | 156        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 20   | 15     | 59     | 0.945     | -0.079    | 3.806 | 0.016     | 0.013     | 0         | 52   | 49.5 | 46.9 | 155        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 20   | 25     | 59     | 0.725     | -0.003    | 3.809 | 0.01      | 0.007     | 0         | 52.5 | 49.5 | 47.3 | 155        | 148        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 20   | 35     | 59     | 0.961     | -0.105    | 3.809 | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 44.7 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 20   | 45     | 59     | 0.81      | -0.082    | 3.809 | 0.01      | 0.007     | 0         | 51.6 | 49   | 48.2 | 153        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 20   | 55     | 59     | 0.876     | -0.059    | 3.809 | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 49   | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 21   | 5      | 59     | 0.801     | -0.036    | 3.809 | 0.01      | 0.007     | 0         | 50.7 | 48.6 | 49   | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 21   | 15     | 59     | 0.915     | -0.095    | 3.809 | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 48.6 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 21   | 25     | 59     | 0.863     | -0.062    | 3.809 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 48.6 | 152        | 146        | 0          | 33     | 34     |
| 2009 | 6     | 25  | 21   | 35     | 59     | 0.915     | -0.062    | 3.809 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 48.6 | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 21   | 45     | 59     | 0.948     | -0.144    | 3.809 | 0.013     | 0.01      | 0         | 50.3 | 48.2 | 48.2 | 151        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 21   | 55     | 59     | 0.892     | -0.062    | 3.809 | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 47.3 | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 22   | 5      | 59     | 0.932     | -0.079    | 3.809 | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 47.7 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 22   | 15     | 59     | 0.85      | -0.059    | 3.809 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 51.6 | 151        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 22   | 25     | 59     | 0.774     | -0.01     | 3.809 | 0.01      | 0.007     | 0         | 51.6 | 49.5 | 47.7 | 154        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 22   | 35     | 59     | 0.771     | -0.033    | 3.809 | 0.016     | 0.013     | 0         | 52   | 49.5 | 49   | 155        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 22   | 45     | 59     | 0.778     | 0         | 3.809 | 0.013     | 0.01      | 0         | 52   | 49.5 | 47.3 | 155        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 22   | 55     | 59     | 0.919     | -0.049    | 3.809 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 48.6 | 155        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 23   | 5      | 59     | 0.771     | 0         | 3.809 | 0.016     | 0.013     | 0         | 52   | 49.9 | 47.3 | 155        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 23   | 15     | 59     | 0.843     | -0.079    | 3.809 | 0.01      | 0.007     | 0         | 52   | 49.9 | 46.9 | 155        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 23   | 25     | 59     | 0.741     | 0.013     | 3.809 | 0.01      | 0.007     | 0         | 52   | 49.9 | 48.2 | 155        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 23   | 35     | 59     | 0.981     | -0.079    | 3.812 | 0.01      | 0.007     | 0         | 52.5 | 49.5 | 45.2 | 155        | 148        | 0          | 33     | 33     |
| 2009 | 6     | 25  | 23   | 45     | 59     | 0.919     | -0.085    | 3.812 | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 48.2 | 154        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 23   | 55     | 59     | 0.84      | -0.089    | 3.812 | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 47.3 | 154        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 0    | 5      | 59     | 0.899     | -0.115    | 3.812 | 0.01      | 0.007     | 0         | 51.6 | 49.5 | 47.3 | 154        | 147        | 0          | 34     | 32     |
| 2009 | 6     | 26  | 0    | 15     | 59     | 0.883     | -0.043    | 3.812 | 0.013     | 0.01      | 0         | 51.2 | 49   | 46.4 | 153        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 0    | 25     | 59     | 0.823     | -0.036    | 3.812 | 0.016     | 0.016     | 0         | 51.6 | 48.6 | 47.3 | 153        | 147        | 0          | 33     | 34     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 26  | 0    | 35     | 59     | 0.758     | -0.02     | 3.812 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 46.9 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 0    | 45     | 59     | 0.817     | -0.043    | 3.812 | 0.01      | 0.007     | 0         | 51.6 | 49   | 47.7 | 153        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 0    | 55     | 59     | 0.833     | -0.046    | 3.812 | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 49   | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 1    | 5      | 59     | 0.866     | -0.059    | 3.812 | 0.013     | 0.01      | 0         | 52   | 49   | 45.6 | 154        | 148        | 0          | 33     | 34     |
| 2009 | 6     | 26  | 1    | 15     | 59     | 0.725     | -0.023    | 3.812 | 0.01      | 0.007     | 0         | 52   | 48.6 | 46.4 | 154        | 147        | 0          | 33     | 34     |
| 2009 | 6     | 26  | 1    | 25     | 59     | 0.814     | -0.039    | 3.812 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 45.6 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 1    | 35     | 59     | 0.978     | -0.138    | 3.816 | 0.01      | 0.007     | 0         | 50.7 | 48.6 | 46.9 | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 1    | 45     | 59     | 0.938     | -0.089    | 3.816 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 44.7 | 152        | 146        | 0          | 33     | 34     |
| 2009 | 6     | 26  | 1    | 55     | 59     | 0.879     | -0.062    | 3.816 | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 47.3 | 153        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 2    | 5      | 59     | 0.922     | -0.062    | 3.816 | 0.013     | 0.01      | 0         | 50.7 | 48.6 | 46   | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 2    | 15     | 59     | 0.938     | -0.089    | 3.816 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 48.2 | 152        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 2    | 25     | 59     | 0.807     | -0.013    | 3.816 | 0.013     | 0.01      | 0         | 50.7 | 48.6 | 45.6 | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 2    | 35     | 59     | 0.784     | -0.016    | 3.819 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 45.2 | 152        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 2    | 45     | 59     | 0.866     | -0.036    | 3.819 | 0.01      | 0.007     | 0         | 50.7 | 48.6 | 45.2 | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 2    | 55     | 59     | 0.817     | -0.066    | 3.822 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 45.6 | 152        | 146        | 0          | 33     | 34     |
| 2009 | 6     | 26  | 3    | 5      | 59     | 0.771     | 0.01      | 3.825 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 45.2 | 153        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 3    | 15     | 59     | 0.919     | -0.092    | 3.825 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 45.2 | 153        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 3    | 25     | 59     | 0.935     | -0.112    | 3.829 | 0.01      | 0.007     | 0         | 50.7 | 48.6 | 43.4 | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 3    | 35     | 59     | 0.801     | -0.033    | 3.829 | 0.013     | 0.01      | 0         | 51.2 | 49   | 45.2 | 153        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 3    | 45     | 59     | 0.909     | -0.046    | 3.832 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 45.6 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 3    | 55     | 59     | 0.843     | -0.052    | 3.832 | 0.013     | 0.01      | 0         | 50.7 | 48.6 | 47.3 | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 4    | 5      | 59     | 0.948     | -0.148    | 3.832 | 0.01      | 0.007     | 0         | 50.7 | 48.6 | 46   | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 4    | 15     | 59     | 0.823     | -0.056    | 3.835 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 46.4 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 4    | 25     | 59     | 0.906     | -0.108    | 3.835 | 0.013     | 0.01      | 0         | 50.7 | 48.6 | 46.9 | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 4    | 35     | 59     | 0.951     | -0.075    | 3.835 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 46.9 | 152        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 4    | 45     | 59     | 0.883     | -0.105    | 3.839 | 0.01      | 0.007     | 0         | 50.7 | 48.6 | 48.6 | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 4    | 55     | 59     | 0.899     | -0.138    | 3.839 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 46.9 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 5    | 5      | 59     | 0.922     | -0.089    | 3.839 | 0.013     | 0.01      | 0         | 50.7 | 48.6 | 47.3 | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 5    | 15     | 59     | 0.974     | -0.125    | 3.839 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 47.7 | 152        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 5    | 25     | 59     | 0.912     | -0.102    | 3.839 | 0.016     | 0.013     | 0         | 51.2 | 48.2 | 47.3 | 153        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 5    | 35     | 59     | 0.912     | -0.059    | 3.839 | 0.013     | 0.01      | 0         | 51.6 | 49   | 47.7 | 153        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 5    | 45     | 59     | 0.961     | -0.095    | 3.842 | 0.01      | 0.007     | 0         | 51.6 | 49   | 46   | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 5    | 55     | 59     | 0.925     | -0.154    | 3.839 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 47.7 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 6    | 5      | 59     | 0.863     | -0.062    | 3.842 | 0.013     | 0.01      | 0         | 52   | 49.5 | 46.9 | 154        | 148        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 6    | 15     | 59     | 0.948     | -0.049    | 3.842 | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 46.4 | 154        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 6    | 25     | 59     | 0.925     | -0.098    | 3.842 | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 46.4 | 154        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 6    | 35     | 59     | 0.965     | -0.092    | 3.842 | 0.013     | 0.01      | 0         | 51.2 | 49   | 45.6 | 153        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 6    | 45     | 59     | 0.991     | -0.131    | 3.842 | 0.016     | 0.013     | 0         | 51.2 | 48.6 | 46   | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 6    | 55     | 59     | 0.86      | -0.062    | 3.845 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 46.4 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 7    | 5      | 59     | 0.906     | -0.108    | 3.845 | 0.01      | 0.007     | 0         | 51.6 | 49   | 46.9 | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 7    | 15     | 59     | 0.889     | -0.125    | 3.845 | 0.013     | 0.01      | 0         | 51.2 | 49   | 46   | 153        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 7    | 25     | 59     | 0.951     | -0.082    | 3.845 | 0.016     | 0.013     | 0         | 51.6 | 49   | 45.2 | 153        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 7    | 35     | 59     | 0.958     | -0.092    | 3.845 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 45.2 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 7    | 45     | 59     | 0.942     | -0.108    | 3.848 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 46.9 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 7    | 55     | 59     | 0.978     | -0.095    | 3.848 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 44.7 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 8    | 5      | 59     | 0.919     | -0.121    | 3.848 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 45.6 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 8    | 15     | 59     | 0.889     | -0.043    | 3.848 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 46.9 | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 8    | 25     | 59     | 0.968     | -0.151    | 3.852 | 0.013     | 0.01      | 0         | 51.2 | 49   | 45.2 | 153        | 147        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 26  | 8    | 35     | 59     | 0.942     | -0.115    | 3.852 | 0.016     | 0.013     | 0         | 51.6 | 49   | 44.3 | 153        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 8    | 45     | 59     | 1.01      | -0.164    | 3.852 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 46   | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 8    | 55     | 59     | 1.01      | -0.108    | 3.852 | 0.01      | 0.007     | 0         | 51.2 | 49   | 46.9 | 153        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 9    | 5      | 59     | 0.958     | -0.148    | 3.855 | 0.016     | 0.013     | 0         | 50.7 | 48.6 | 45.6 | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 9    | 15     | 59     | 0.955     | -0.112    | 3.855 | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 45.6 | 152        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 9    | 25     | 59     | 0.968     | -0.105    | 3.855 | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 45.6 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 9    | 35     | 59     | 1.027     | -0.141    | 3.858 | 0.01      | 0.007     | 0         | 50.7 | 48.6 | 46.4 | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 9    | 45     | 59     | 0.961     | -0.154    | 3.862 | 0.01      | 0.007     | 0         | 50.7 | 48.6 | 44.3 | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 9    | 55     | 59     | 0.984     | -0.118    | 3.862 | 0.01      | 0.007     | 0         | 50.7 | 48.6 | 45.2 | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 10   | 5      | 59     | 0.899     | -0.089    | 3.862 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 45.6 | 152        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 10   | 15     | 59     | 0.994     | -0.118    | 3.865 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 45.6 | 152        | 146        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 10   | 25     | 59     | 0.879     | -0.125    | 3.865 | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 46.4 | 152        | 146        | 0          | 33     | 34     |
| 2009 | 6     | 26  | 10   | 35     | 59     | 0.991     | -0.121    | 3.865 | 0.01      | 0.007     | 0         | 50.7 | 48.6 | 44.7 | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 10   | 45     | 59     | 0.965     | -0.125    | 3.865 | 0.01      | 0.007     | 0         | 51.2 | 47.7 | 47.7 | 152        | 145        | 0          | 33     | 34     |
| 2009 | 6     | 26  | 10   | 55     | 59     | 0.978     | -0.112    | 3.868 | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 45.2 | 152        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 11   | 5      | 59     | 1.001     | -0.118    | 3.865 | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 46   | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 11   | 15     | 59     | 1.001     | -0.128    | 3.868 | 0.01      | 0.007     | 0         | 50.7 | 48.6 | 46   | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 11   | 25     | 59     | 0.951     | -0.144    | 3.868 | 0.01      | 0.007     | 0         | 50.3 | 48.2 | 48.2 | 151        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 11   | 35     | 59     | 1.014     | -0.135    | 3.868 | 0.01      | 0.007     | 0         | 50.3 | 48.2 | 48.2 | 151        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 11   | 45     | 59     | 0.965     | -0.059    | 3.868 | 0.01      | 0.007     | 0         | 50.3 | 48.2 | 47.3 | 151        | 144        | 0          | 34     | 32     |
| 2009 | 6     | 26  | 11   | 55     | 59     | 0.991     | -0.121    | 3.868 | 0.01      | 0.007     | 0         | 50.3 | 47.3 | 48.6 | 151        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 12   | 5      | 59     | 0.948     | -0.095    | 3.871 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 45.6 | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 12   | 15     | 59     | 1.014     | -0.167    | 3.868 | 0.01      | 0.007     | 0         | 50.3 | 48.2 | 46   | 151        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 12   | 25     | 59     | 1.01      | -0.135    | 3.868 | 0.01      | 0.007     | 0         | 50.7 | 47.3 | 47.7 | 151        | 144        | 0          | 33     | 34     |
| 2009 | 6     | 26  | 12   | 35     | 59     | 1.017     | -0.118    | 3.871 | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 45.2 | 150        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 12   | 45     | 59     | 0.965     | -0.138    | 3.871 | 0.01      | 0.007     | 0         | 49.9 | 46.9 | 48.2 | 150        | 143        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 12   | 55     | 59     | 0.994     | -0.121    | 3.871 | 0.013     | 0.01      | 0         | 49.9 | 47.3 | 46.9 | 150        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 13   | 5      | 59     | 0.961     | -0.098    | 3.875 | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 46   | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 13   | 15     | 59     | 0.938     | -0.092    | 3.871 | 0.01      | 0.007     | 0         | 50.3 | 47.3 | 45.6 | 150        | 144        | 0          | 33     | 34     |
| 2009 | 6     | 26  | 13   | 25     | 59     | 0.951     | -0.125    | 3.871 | 0.016     | 0.013     | 0         | 50.3 | 47.7 | 46.9 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 13   | 35     | 59     | 0.961     | -0.115    | 3.875 | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 45.6 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 13   | 45     | 59     | 0.925     | -0.131    | 3.875 | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 49.9 | 151        | 144        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 13   | 55     | 59     | 0.958     | -0.138    | 3.871 | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 46   | 150        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 14   | 5      | 59     | 0.925     | -0.112    | 3.875 | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 47.7 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 14   | 15     | 59     | 0.971     | -0.154    | 3.875 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 46.4 | 150        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 14   | 25     | 59     | 0.935     | -0.082    | 3.878 | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 46.4 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 14   | 35     | 59     | 0.955     | -0.108    | 3.878 | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 48.6 | 150        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 14   | 45     | 59     | 1.056     | -0.144    | 3.878 | 0.01      | 0.007     | 0         | 50.3 | 46.9 | 45.2 | 150        | 143        | 0          | 33     | 34     |
| 2009 | 6     | 26  | 14   | 55     | 59     | 1.01      | -0.102    | 3.878 | 0.01      | 0.007     | 0         | 50.3 | 47.3 | 45.6 | 150        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 15   | 5      | 59     | 0.984     | -0.121    | 3.878 | 0.016     | 0.013     | 0         | 50.7 | 47.3 | 49   | 150        | 143        | 0          | 32     | 33     |
| 2009 | 6     | 26  | 15   | 15     | 59     | 0.965     | -0.105    | 3.878 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 49.5 | 149        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 15   | 25     | 59     | 0.938     | -0.095    | 3.878 | 0.013     | 0.01      | 0         | 49.9 | 47.3 | 46   | 149        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 15   | 35     | 59     | 0.981     | -0.125    | 3.878 | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 46   | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 15   | 45     | 59     | 0.991     | -0.125    | 3.881 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 47.3 | 150        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 15   | 55     | 59     | 0.951     | -0.095    | 3.881 | 0.013     | 0.01      | 0         | 50.3 | 47.3 | 47.7 | 150        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 16   | 5      | 59     | 0.997     | -0.092    | 3.881 | 0.01      | 0.007     | 0         | 50.3 | 47.3 | 47.3 | 150        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 16   | 15     | 59     | 0.968     | -0.141    | 3.881 | 0.01      | 0.007     | 0         | 50.3 | 47.3 | 46.9 | 150        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 16   | 25     | 59     | 1.03      | -0.121    | 3.881 | 0.016     | 0.013     | 0         | 50.3 | 47.3 | 46.4 | 150        | 143        | 0          | 33     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 26  | 16   | 35     | 59     | 1.02      | -0.108    | 3.885 | 0.016     | 0.013     | 0         | 50.7 | 47.7 | 46.9 | 150        | 143        | 0          | 32     | 32     |
| 2009 | 6     | 26  | 16   | 45     | 59     | 0.886     | -0.098    | 3.885 | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 47.3 | 150        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 16   | 55     | 59     | 0.965     | -0.141    | 3.885 | 0.013     | 0.01      | 0         | 50.3 | 47.3 | 46.9 | 150        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 17   | 5      | 59     | 0.961     | -0.102    | 3.885 | 0.01      | 0.007     | 0         | 50.3 | 47.3 | 47.7 | 150        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 17   | 15     | 59     | 0.974     | -0.138    | 3.885 | 0.016     | 0.013     | 0         | 49.5 | 47.3 | 47.3 | 149        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 17   | 25     | 59     | 0.971     | -0.095    | 3.888 | 0.013     | 0.01      | 0         | 49.5 | 47.3 | 46.4 | 149        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 17   | 35     | 59     | 0.892     | -0.062    | 3.888 | 0.013     | 0.01      | 0         | 49.9 | 47.3 | 48.6 | 150        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 17   | 45     | 59     | 0.866     | -0.066    | 3.888 | 0.01      | 0.007     | 0         | 49.9 | 46.9 | 46.4 | 150        | 142        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 17   | 55     | 59     | 0.997     | -0.115    | 3.888 | 0.01      | 0.007     | 0         | 49.9 | 46.9 | 46.9 | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 18   | 5      | 59     | 0.886     | -0.052    | 3.888 | 0.013     | 0.01      | 0         | 49.9 | 46.9 | 46.9 | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 18   | 15     | 59     | 0.984     | -0.121    | 3.891 | 0.013     | 0.01      | 0         | 49.9 | 46.4 | 47.3 | 149        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 18   | 25     | 59     | 0.955     | -0.121    | 3.891 | 0.016     | 0.013     | 0         | 49.9 | 46.4 | 46.4 | 149        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 18   | 35     | 59     | 0.984     | -0.095    | 3.891 | 0.016     | 0.016     | 0         | 49.9 | 47.3 | 47.3 | 149        | 142        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 18   | 45     | 59     | 1.001     | -0.141    | 3.891 | 0.01      | 0.007     | 0         | 50.3 | 46.9 | 46   | 149        | 142        | 0          | 32     | 33     |
| 2009 | 6     | 26  | 18   | 55     | 59     | 0.906     | -0.089    | 3.894 | 0.01      | 0.007     | 0         | 49.9 | 46.9 | 47.7 | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 19   | 5      | 59     | 0.928     | -0.108    | 3.894 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 48.6 | 149        | 142        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 19   | 15     | 59     | 0.902     | -0.079    | 3.894 | 0.016     | 0.013     | 0         | 49.9 | 47.3 | 48.2 | 149        | 142        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 19   | 25     | 59     | 0.915     | -0.066    | 3.894 | 0.01      | 0.007     | 0         | 49.5 | 47.3 | 49   | 148        | 142        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 19   | 35     | 59     | 0.922     | -0.062    | 3.894 | 0.01      | 0.007     | 0         | 49.5 | 47.3 | 46.4 | 149        | 142        | 0          | 34     | 32     |
| 2009 | 6     | 26  | 19   | 45     | 59     | 0.932     | -0.079    | 3.894 | 0.013     | 0.01      | 0         | 49.9 | 47.3 | 48.6 | 149        | 142        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 19   | 55     | 59     | 1.06      | -0.118    | 3.894 | 0.013     | 0.01      | 0         | 49.9 | 46.4 | 48.6 | 148        | 141        | 0          | 32     | 33     |
| 2009 | 6     | 26  | 20   | 5      | 59     | 0.961     | -0.102    | 3.898 | 0.013     | 0.01      | 0         | 49.5 | 46.4 | 47.7 | 149        | 141        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 20   | 15     | 59     | 0.951     | -0.082    | 3.898 | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 49   | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 20   | 25     | 59     | 0.948     | -0.079    | 3.898 | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 49.5 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 20   | 35     | 59     | 0.968     | -0.085    | 3.898 | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 49   | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 20   | 45     | 59     | 0.938     | -0.092    | 3.898 | 0.013     | 0.01      | 0         | 49.5 | 46.9 | 49   | 148        | 141        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 20   | 55     | 59     | 0.971     | -0.075    | 3.898 | 0.013     | 0.01      | 0         | 49.9 | 46.9 | 48.6 | 148        | 141        | 0          | 32     | 32     |
| 2009 | 6     | 26  | 21   | 5      | 59     | 0.922     | -0.072    | 3.898 | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 49   | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 21   | 15     | 59     | 0.814     | -0.033    | 3.901 | 0.013     | 0.01      | 0         | 49   | 46.4 | 49.5 | 148        | 141        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 21   | 25     | 59     | 0.81      | -0.033    | 3.901 | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 49   | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 21   | 35     | 59     | 0.896     | -0.102    | 3.901 | 0.013     | 0.01      | 0         | 49.5 | 46.4 | 49   | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 21   | 45     | 59     | 0.863     | -0.069    | 3.901 | 0.013     | 0.01      | 0         | 49.5 | 46.4 | 50.3 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 21   | 55     | 59     | 0.889     | -0.03     | 3.901 | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 49.5 | 148        | 140        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 22   | 5      | 59     | 0.846     | -0.049    | 3.901 | 0.013     | 0.01      | 0         | 49   | 46.4 | 49.5 | 148        | 141        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 22   | 15     | 59     | 0.948     | -0.095    | 3.901 | 0.01      | 0.007     | 0         | 49   | 46   | 48.6 | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 22   | 25     | 59     | 0.889     | -0.059    | 3.901 | 0.013     | 0.01      | 0         | 49   | 46   | 49.5 | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 22   | 35     | 59     | 1.02      | -0.102    | 3.901 | 0.01      | 0.007     | 0         | 49   | 46.4 | 47.7 | 147        | 140        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 22   | 45     | 59     | 0.817     | -0.016    | 3.901 | 0.01      | 0.007     | 0         | 48.6 | 46   | 49   | 147        | 140        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 22   | 55     | 59     | 0.935     | -0.125    | 3.901 | 0.01      | 0.007     | 0         | 48.6 | 46   | 48.2 | 146        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 23   | 5      | 59     | 1.01      | -0.092    | 3.901 | 0.01      | 0.007     | 0         | 48.2 | 46   | 48.2 | 146        | 140        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 23   | 15     | 59     | 0.899     | -0.089    | 3.901 | 0.013     | 0.01      | 0         | 48.6 | 45.6 | 49   | 146        | 139        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 23   | 25     | 59     | 0.883     | -0.075    | 3.901 | 0.013     | 0.01      | 0         | 48.2 | 46   | 47.7 | 146        | 140        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 23   | 35     | 59     | 0.925     | -0.098    | 3.904 | 0.01      | 0.007     | 0         | 48.6 | 46   | 47.7 | 146        | 139        | 0          | 33     | 32     |
| 2009 | 6     | 26  | 23   | 45     | 59     | 0.899     | -0.036    | 3.904 | 0.01      | 0.007     | 0         | 49   | 46   | 47.7 | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 23   | 55     | 59     | 0.928     | -0.072    | 3.904 | 0.01      | 0.007     | 0         | 48.2 | 45.6 | 47.7 | 146        | 139        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 0    | 5      | 59     | 0.863     | -0.085    | 3.904 | 0.016     | 0.013     | 0         | 48.6 | 46   | 45.6 | 147        | 140        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 0    | 15     | 59     | 0.984     | -0.098    | 3.904 | 0.013     | 0.01      | 0         | 48.6 | 45.6 | 46   | 146        | 139        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 0    | 25     | 59     | 0.919     | -0.062    | 3.907 | 0.01      | 0.007     | 0         | 48.6 | 46.4 | 47.7 | 147        | 140        | 0          | 34     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 27  | 0    | 35     | 59     | 0.935     | -0.121    | 3.907 | 0.01      | 0.007     | 0         | 49   | 45.6 | 45.6 | 147        | 140        | 0          | 33     | 34     |
| 2009 | 6     | 27  | 0    | 45     | 59     | 1.05      | -0.118    | 3.911 | 0.01      | 0.007     | 0         | 48.2 | 45.6 | 46   | 146        | 139        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 0    | 55     | 59     | 0.948     | -0.095    | 3.911 | 0.01      | 0.007     | 0         | 48.6 | 46   | 46   | 146        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 1    | 5      | 59     | 0.935     | -0.115    | 3.914 | 0.01      | 0.007     | 0         | 48.6 | 46   | 45.6 | 146        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 1    | 15     | 59     | 0.958     | -0.112    | 3.917 | 0.013     | 0.01      | 0         | 48.6 | 45.6 | 47.3 | 146        | 140        | 0          | 33     | 34     |
| 2009 | 6     | 27  | 1    | 25     | 59     | 1.007     | -0.102    | 3.917 | 0.01      | 0.007     | 0         | 48.2 | 46   | 47.3 | 146        | 140        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 1    | 35     | 59     | 0.85      | -0.026    | 3.921 | 0.013     | 0.01      | 0         | 48.6 | 46.9 | 48.2 | 147        | 141        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 1    | 45     | 59     | 0.961     | -0.131    | 3.921 | 0.013     | 0.01      | 0         | 49   | 45.6 | 47.3 | 147        | 139        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 1    | 55     | 59     | 0.863     | -0.03     | 3.921 | 0.013     | 0.01      | 0         | 48.6 | 45.6 | 48.6 | 147        | 140        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 2    | 5      | 59     | 0.866     | -0.062    | 3.921 | 0.01      | 0.007     | 0         | 48.6 | 46   | 48.6 | 147        | 140        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 2    | 15     | 59     | 0.922     | -0.089    | 3.921 | 0.01      | 0.007     | 0         | 49   | 45.6 | 48.6 | 147        | 140        | 0          | 33     | 34     |
| 2009 | 6     | 27  | 2    | 25     | 59     | 0.827     | -0.016    | 3.924 | 0.01      | 0.007     | 0         | 48.6 | 45.6 | 49.9 | 147        | 140        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 2    | 35     | 59     | 0.837     | -0.039    | 3.924 | 0.01      | 0.007     | 0         | 48.6 | 46   | 48.6 | 147        | 141        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 2    | 45     | 59     | 0.922     | -0.066    | 3.924 | 0.01      | 0.007     | 0         | 49   | 46.4 | 47.7 | 147        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 2    | 55     | 59     | 0.938     | -0.125    | 3.924 | 0.013     | 0.01      | 0         | 48.2 | 46   | 48.6 | 146        | 140        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 3    | 5      | 59     | 0.853     | -0.056    | 3.924 | 0.01      | 0.007     | 0         | 48.6 | 46.9 | 50.3 | 147        | 141        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 3    | 15     | 59     | 1.02      | -0.082    | 3.924 | 0.013     | 0.01      | 0         | 48.6 | 46   | 50.7 | 147        | 140        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 3    | 25     | 59     | 0.889     | -0.079    | 3.924 | 0.01      | 0.007     | 0         | 48.6 | 46.4 | 49.5 | 147        | 141        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 3    | 35     | 59     | 0.942     | -0.075    | 3.924 | 0.01      | 0.007     | 0         | 48.6 | 46   | 49   | 147        | 140        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 3    | 45     | 59     | 0.883     | -0.062    | 3.924 | 0.013     | 0.01      | 0         | 49   | 46   | 48.6 | 147        | 141        | 0          | 33     | 34     |
| 2009 | 6     | 27  | 3    | 55     | 59     | 0.978     | -0.108    | 3.924 | 0.01      | 0.007     | 0         | 48.6 | 46   | 50.7 | 146        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 4    | 5      | 59     | 0.86      | -0.062    | 3.924 | 0.016     | 0.016     | 0         | 48.6 | 46   | 48.6 | 146        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 4    | 15     | 59     | 0.965     | -0.095    | 3.924 | 0.01      | 0.007     | 0         | 48.6 | 46   | 48.2 | 147        | 140        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 4    | 25     | 59     | 0.932     | -0.135    | 3.924 | 0.013     | 0.01      | 0         | 48.6 | 46   | 48.2 | 147        | 140        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 4    | 35     | 59     | 0.853     | -0.052    | 3.924 | 0.01      | 0.007     | 0         | 49   | 46.9 | 47.7 | 148        | 141        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 4    | 45     | 59     | 1.014     | -0.131    | 3.924 | 0.016     | 0.013     | 0         | 49   | 46   | 48.6 | 147        | 141        | 0          | 33     | 34     |
| 2009 | 6     | 27  | 4    | 55     | 59     | 0.928     | -0.098    | 3.924 | 0.013     | 0.01      | 0         | 48.6 | 46.4 | 48.2 | 147        | 141        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 5    | 5      | 59     | 1.004     | -0.131    | 3.924 | 0.013     | 0.01      | 0         | 48.6 | 46   | 47.3 | 147        | 141        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 5    | 15     | 59     | 0.912     | -0.089    | 3.924 | 0.013     | 0.01      | 0         | 49   | 46   | 47.7 | 148        | 141        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 5    | 25     | 59     | 0.807     | -0.013    | 3.927 | 0.013     | 0.01      | 0         | 49   | 46.9 | 49   | 148        | 142        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 5    | 35     | 59     | 0.856     | -0.095    | 3.924 | 0.013     | 0.01      | 0         | 49.9 | 46.4 | 46.9 | 149        | 142        | 0          | 33     | 34     |
| 2009 | 6     | 27  | 5    | 45     | 59     | 0.896     | -0.062    | 3.924 | 0.01      | 0.007     | 0         | 49.5 | 47.3 | 49   | 149        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 5    | 55     | 59     | 0.761     | 0.013     | 3.924 | 0.01      | 0.007     | 0         | 49.9 | 46.9 | 47.3 | 149        | 143        | 0          | 33     | 34     |
| 2009 | 6     | 27  | 6    | 5      | 59     | 0.971     | -0.121    | 3.927 | 0.01      | 0.007     | 0         | 49.5 | 47.3 | 47.3 | 149        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 6    | 15     | 59     | 0.909     | -0.125    | 3.924 | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 47.7 | 149        | 142        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 6    | 25     | 59     | 1.017     | -0.125    | 3.927 | 0.016     | 0.013     | 0         | 49.9 | 47.3 | 46.4 | 149        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 6    | 35     | 59     | 0.843     | -0.033    | 3.927 | 0.01      | 0.007     | 0         | 49.5 | 46.9 | 47.7 | 149        | 143        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 6    | 45     | 59     | 0.955     | -0.144    | 3.927 | 0.013     | 0.01      | 0         | 49.5 | 46.9 | 46.4 | 148        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 6    | 55     | 59     | 0.945     | -0.069    | 3.927 | 0.013     | 0.01      | 0         | 49.5 | 46.4 | 47.3 | 149        | 142        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 7    | 5      | 59     | 0.971     | -0.121    | 3.927 | 0.01      | 0.007     | 0         | 49.5 | 47.3 | 46.9 | 149        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 7    | 15     | 59     | 0.991     | -0.138    | 3.927 | 0.013     | 0.01      | 0         | 49.5 | 47.3 | 49.9 | 149        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 7    | 25     | 59     | 0.978     | -0.128    | 3.927 | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 47.7 | 149        | 142        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 7    | 35     | 59     | 0.883     | -0.079    | 3.927 | 0.01      | 0.007     | 0         | 49.5 | 46.9 | 47.7 | 149        | 143        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 7    | 45     | 59     | 0.912     | -0.102    | 3.927 | 0.016     | 0.013     | 0         | 49.5 | 47.3 | 46.9 | 149        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 7    | 55     | 59     | 0.948     | -0.098    | 3.927 | 0.013     | 0.01      | 0         | 49   | 46.9 | 46.9 | 148        | 142        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 8    | 5      | 59     | 0.928     | -0.059    | 3.927 | 0.013     | 0.01      | 0         | 49.5 | 46.9 | 46.9 | 148        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 8    | 15     | 59     | 0.896     | -0.128    | 3.927 | 0.01      | 0.007     | 0         | 49   | 46.4 | 46   | 148        | 142        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 8    | 25     | 59     | 0.984     | -0.138    | 3.927 | 0.01      | 0.007     | 0         | 49   | 46.4 | 46.4 | 148        | 142        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 27  | 8    | 35     | 59     | 0.928     | -0.118    | 3.927 | 0.016     | 0.016     | 0         | 49.5 | 46.9 | 45.2 | 148        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 8    | 45     | 59     | 0.961     | -0.075    | 3.93  | 0.016     | 0.013     | 0         | 49.5 | 46.4 | 47.7 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 8    | 55     | 59     | 0.968     | -0.102    | 3.93  | 0.01      | 0.007     | 0         | 49   | 46   | 46   | 148        | 141        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 9    | 5      | 59     | 0.892     | -0.075    | 3.93  | 0.01      | 0.007     | 0         | 49   | 46.9 | 46   | 148        | 142        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 9    | 15     | 59     | 0.984     | -0.121    | 3.93  | 0.01      | 0.007     | 0         | 49   | 46.4 | 45.6 | 148        | 142        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 9    | 25     | 59     | 0.919     | -0.052    | 3.93  | 0.013     | 0.01      | 0         | 49.5 | 46.4 | 49.5 | 148        | 142        | 0          | 33     | 34     |
| 2009 | 6     | 27  | 9    | 35     | 59     | 0.961     | -0.075    | 3.93  | 0.01      | 0.007     | 0         | 49.5 | 47.3 | 48.2 | 149        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 9    | 45     | 59     | 0.883     | -0.095    | 3.93  | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 49.5 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 9    | 55     | 59     | 0.883     | -0.069    | 3.93  | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 47.7 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 10   | 5      | 59     | 0.784     | 0.03      | 3.93  | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 47.7 | 151        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 10   | 15     | 59     | 0.991     | -0.082    | 3.93  | 0.016     | 0.013     | 0         | 49.9 | 47.7 | 49.9 | 151        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 27  | 10   | 25     | 59     | 0.991     | -0.095    | 3.93  | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 48.6 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 10   | 35     | 59     | 0.912     | -0.066    | 3.93  | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 46.9 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 10   | 45     | 59     | 0.84      | -0.039    | 3.93  | 0.01      | 0.007     | 0         | 50.3 | 48.2 | 48.2 | 151        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 10   | 55     | 59     | 0.935     | -0.043    | 3.93  | 0.013     | 0.01      | 0         | 49.9 | 47.7 | 47.7 | 150        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 11   | 5      | 59     | 0.974     | -0.095    | 3.93  | 0.01      | 0.007     | 0         | 49.9 | 47.7 | 48.6 | 150        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 11   | 15     | 59     | 0.958     | -0.095    | 3.93  | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 49   | 150        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 11   | 25     | 59     | 1.007     | -0.121    | 3.93  | 0.01      | 0.007     | 0         | 49.5 | 47.3 | 47.3 | 149        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 11   | 35     | 59     | 1.01      | -0.121    | 3.93  | 0.01      | 0.007     | 0         | 49.5 | 47.3 | 48.6 | 149        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 11   | 45     | 59     | 0.922     | -0.105    | 3.93  | 0.013     | 0.01      | 0         | 50.3 | 46.9 | 47.7 | 150        | 143        | 0          | 33     | 34     |
| 2009 | 6     | 27  | 11   | 55     | 59     | 0.902     | -0.066    | 3.93  | 0.013     | 0.01      | 0         | 49.9 | 47.3 | 49.5 | 149        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 12   | 5      | 59     | 1.007     | -0.102    | 3.93  | 0.01      | 0.007     | 0         | 49.5 | 47.3 | 49.5 | 149        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 12   | 15     | 59     | 0.912     | -0.049    | 3.93  | 0.01      | 0.007     | 0         | 49.5 | 47.7 | 48.6 | 149        | 143        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 12   | 25     | 59     | 1.004     | -0.138    | 3.93  | 0.01      | 0.007     | 0         | 49.9 | 46.9 | 47.7 | 149        | 143        | 0          | 33     | 34     |
| 2009 | 6     | 27  | 12   | 35     | 59     | 0.899     | -0.135    | 3.93  | 0.013     | 0.01      | 0         | 49.9 | 47.3 | 48.2 | 149        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 12   | 45     | 59     | 0.994     | -0.115    | 3.93  | 0.01      | 0.007     | 0         | 49.9 | 46.9 | 49   | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 12   | 55     | 59     | 0.965     | -0.125    | 3.93  | 0.016     | 0.016     | 0         | 49.9 | 47.7 | 47.3 | 149        | 143        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 13   | 5      | 59     | 0.981     | -0.062    | 3.93  | 0.013     | 0.01      | 0         | 49.9 | 46.9 | 49   | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 13   | 15     | 59     | 0.925     | -0.108    | 3.93  | 0.01      | 0.007     | 0         | 49.9 | 46.9 | 49.9 | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 13   | 25     | 59     | 0.974     | -0.118    | 3.93  | 0.013     | 0.01      | 0         | 49.9 | 46.9 | 50.7 | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 13   | 35     | 59     | 0.974     | -0.131    | 3.934 | 0.013     | 0.01      | 0         | 49.9 | 47.3 | 49.9 | 149        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 13   | 45     | 59     | 0.961     | -0.125    | 3.934 | 0.01      | 0.007     | 0         | 49.5 | 46.9 | 49.9 | 148        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 13   | 55     | 59     | 0.978     | -0.105    | 3.934 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 49.5 | 149        | 142        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 14   | 5      | 59     | 0.991     | -0.098    | 3.934 | 0.01      | 0.007     | 0         | 49.9 | 46.9 | 48.6 | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 14   | 15     | 59     | 0.978     | -0.092    | 3.934 | 0.013     | 0.01      | 0         | 49.9 | 46.4 | 50.7 | 149        | 142        | 0          | 33     | 34     |
| 2009 | 6     | 27  | 14   | 25     | 59     | 0.965     | -0.131    | 3.934 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 49.5 | 149        | 142        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 14   | 35     | 59     | 1.004     | -0.141    | 3.93  | 0.013     | 0.01      | 0         | 49.5 | 46.4 | 49   | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 14   | 45     | 59     | 1.01      | -0.095    | 3.93  | 0.013     | 0.01      | 0         | 49.5 | 46.4 | 48.2 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 14   | 55     | 59     | 0.958     | -0.098    | 3.93  | 0.01      | 0.007     | 0         | 49.5 | 47.3 | 48.6 | 148        | 142        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 15   | 5      | 59     | 0.984     | -0.079    | 3.934 | 0.01      | 0.007     | 0         | 49.9 | 46.9 | 50.3 | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 15   | 15     | 59     | 0.948     | -0.079    | 3.93  | 0.01      | 0.007     | 0         | 49.5 | 47.3 | 48.6 | 149        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 15   | 25     | 59     | 0.971     | -0.128    | 3.93  | 0.013     | 0.01      | 0         | 49.9 | 47.3 | 47.3 | 149        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 15   | 35     | 59     | 0.955     | -0.131    | 3.93  | 0.01      | 0.007     | 0         | 49.9 | 46.9 | 48.6 | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 15   | 45     | 59     | 0.938     | -0.112    | 3.93  | 0.01      | 0.007     | 0         | 49.9 | 46.9 | 47.3 | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 15   | 55     | 59     | 0.991     | -0.108    | 3.93  | 0.01      | 0.007     | 0         | 49   | 46.4 | 49.5 | 148        | 141        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 16   | 5      | 59     | 0.958     | -0.125    | 3.93  | 0.013     | 0.01      | 0         | 49.9 | 46.9 | 47.3 | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 16   | 15     | 59     | 0.981     | -0.072    | 3.927 | 0.01      | 0.007     | 0         | 49.9 | 46.4 | 46.4 | 148        | 141        | 0          | 32     | 33     |
| 2009 | 6     | 27  | 16   | 25     | 59     | 1.03      | -0.121    | 3.927 | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 46.9 | 148        | 141        | 0          | 33     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 27  | 16   | 35     | 59     | 0.971     | -0.056    | 3.927 | 0.013     | 0.01      | 0         | 49.5 | 46.9 | 46.9 | 148        | 141        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 16   | 45     | 59     | 0.994     | -0.151    | 3.927 | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 48.6 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 16   | 55     | 59     | 0.955     | -0.121    | 3.927 | 0.013     | 0.01      | 0         | 49.5 | 46.4 | 46.4 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 17   | 5      | 59     | 0.915     | -0.072    | 3.927 | 0.013     | 0.01      | 0         | 49.5 | 46.9 | 46.9 | 148        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 17   | 15     | 59     | 0.912     | -0.079    | 3.924 | 0.01      | 0.007     | 0         | 48.6 | 46   | 47.7 | 147        | 140        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 17   | 25     | 59     | 0.971     | -0.138    | 3.924 | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 46.9 | 147        | 140        | 0          | 32     | 32     |
| 2009 | 6     | 27  | 17   | 35     | 59     | 0.912     | -0.128    | 3.921 | 0.01      | 0.007     | 0         | 49   | 46.4 | 48.2 | 147        | 140        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 17   | 45     | 59     | 1.024     | -0.157    | 3.921 | 0.016     | 0.013     | 0         | 49   | 46   | 47.3 | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 17   | 55     | 59     | 1.01      | -0.118    | 3.924 | 0.013     | 0.01      | 0         | 48.6 | 46.4 | 46.4 | 147        | 140        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 18   | 5      | 59     | 0.971     | -0.112    | 3.921 | 0.01      | 0.007     | 0         | 49   | 46   | 47.7 | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 18   | 15     | 59     | 0.912     | -0.056    | 3.924 | 0.01      | 0.007     | 0         | 48.6 | 46.4 | 47.7 | 147        | 140        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 18   | 25     | 59     | 0.971     | -0.098    | 3.921 | 0.01      | 0.007     | 0         | 49   | 46.4 | 47.7 | 147        | 140        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 18   | 35     | 59     | 0.945     | -0.092    | 3.921 | 0.013     | 0.01      | 0         | 49   | 46   | 46.9 | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 18   | 45     | 59     | 0.915     | -0.095    | 3.921 | 0.01      | 0.007     | 0         | 49   | 46.4 | 46.9 | 147        | 140        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 18   | 55     | 59     | 0.991     | -0.121    | 3.924 | 0.013     | 0.01      | 0         | 49   | 46   | 46.9 | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 19   | 5      | 59     | 0.886     | -0.079    | 3.924 | 0.016     | 0.013     | 0         | 49   | 46   | 46.4 | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 19   | 15     | 59     | 0.948     | -0.098    | 3.921 | 0.01      | 0.007     | 0         | 49   | 46   | 47.3 | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 19   | 25     | 59     | 0.948     | -0.115    | 3.924 | 0.01      | 0.007     | 0         | 49   | 46   | 46   | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 19   | 35     | 59     | 0.938     | -0.072    | 3.924 | 0.01      | 0.007     | 0         | 49.5 | 46   | 46.9 | 147        | 140        | 0          | 32     | 33     |
| 2009 | 6     | 27  | 19   | 45     | 59     | 0.945     | -0.115    | 3.924 | 0.01      | 0.007     | 0         | 49   | 46.4 | 46.9 | 147        | 140        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 19   | 55     | 59     | 0.971     | -0.121    | 3.924 | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 46   | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 20   | 5      | 59     | 0.958     | -0.108    | 3.924 | 0.016     | 0.013     | 0         | 49   | 46.4 | 46.4 | 147        | 140        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 20   | 15     | 59     | 0.961     | -0.125    | 3.927 | 0.01      | 0.007     | 0         | 49   | 46.4 | 47.7 | 147        | 140        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 20   | 25     | 59     | 0.909     | -0.052    | 3.927 | 0.01      | 0.007     | 0         | 49.5 | 46.9 | 47.3 | 148        | 141        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 20   | 35     | 59     | 0.797     | -0.02     | 3.927 | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 48.6 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 20   | 45     | 59     | 0.942     | -0.066    | 3.927 | 0.01      | 0.007     | 0         | 49   | 46.4 | 48.2 | 147        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 20   | 55     | 59     | 0.955     | -0.112    | 3.927 | 0.01      | 0.007     | 0         | 49.5 | 46.9 | 46.9 | 148        | 141        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 21   | 5      | 59     | 1.017     | -0.138    | 3.927 | 0.013     | 0.01      | 0         | 49.5 | 46.4 | 47.3 | 147        | 140        | 0          | 32     | 32     |
| 2009 | 6     | 27  | 21   | 15     | 59     | 0.876     | -0.026    | 3.93  | 0.016     | 0.013     | 0         | 48.6 | 46.9 | 47.7 | 147        | 141        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 21   | 25     | 59     | 0.853     | -0.036    | 3.93  | 0.013     | 0.01      | 0         | 49.5 | 46.4 | 47.7 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 21   | 35     | 59     | 0.84      | -0.03     | 3.93  | 0.016     | 0.013     | 0         | 49.5 | 46.4 | 47.3 | 147        | 141        | 0          | 32     | 33     |
| 2009 | 6     | 27  | 21   | 45     | 59     | 0.951     | -0.112    | 3.93  | 0.01      | 0.007     | 0         | 49   | 46   | 47.7 | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 21   | 55     | 59     | 0.896     | -0.052    | 3.93  | 0.013     | 0.01      | 0         | 48.6 | 46   | 46.9 | 147        | 140        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 22   | 5      | 59     | 1.014     | -0.112    | 3.93  | 0.01      | 0.007     | 0         | 48.6 | 46   | 46.9 | 147        | 140        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 22   | 15     | 59     | 0.942     | -0.125    | 3.93  | 0.01      | 0.007     | 0         | 49   | 46.4 | 48.6 | 147        | 140        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 22   | 25     | 59     | 0.945     | -0.128    | 3.93  | 0.013     | 0.01      | 0         | 49   | 46   | 47.3 | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 22   | 35     | 59     | 1.01      | -0.118    | 3.93  | 0.013     | 0.01      | 0         | 49   | 46.4 | 46.9 | 147        | 140        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 22   | 45     | 59     | 0.955     | -0.102    | 3.93  | 0.01      | 0.007     | 0         | 49   | 46   | 47.7 | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 22   | 55     | 59     | 0.856     | -0.046    | 3.93  | 0.013     | 0.01      | 0         | 49   | 46.4 | 49   | 147        | 140        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 23   | 5      | 59     | 1.01      | -0.108    | 3.93  | 0.016     | 0.013     | 0         | 48.6 | 46.4 | 48.2 | 147        | 140        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 23   | 15     | 59     | 0.856     | -0.013    | 3.93  | 0.013     | 0.01      | 0         | 49.9 | 46   | 49   | 148        | 141        | 0          | 32     | 34     |
| 2009 | 6     | 27  | 23   | 25     | 59     | 0.981     | -0.092    | 3.93  | 0.01      | 0.007     | 0         | 49   | 46.4 | 49.5 | 147        | 140        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 23   | 35     | 59     | 0.922     | -0.102    | 3.93  | 0.01      | 0.007     | 0         | 49   | 46   | 49.9 | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 23   | 45     | 59     | 0.919     | -0.098    | 3.93  | 0.013     | 0.01      | 0         | 49   | 46   | 49   | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 23   | 55     | 59     | 0.965     | -0.082    | 3.93  | 0.013     | 0.01      | 0         | 49   | 46.4 | 50.7 | 147        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 0    | 5      | 59     | 0.942     | -0.105    | 3.93  | 0.01      | 0.007     | 0         | 49   | 46   | 49.5 | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 0    | 15     | 59     | 0.922     | -0.095    | 3.93  | 0.01      | 0.007     | 0         | 49   | 46.4 | 48.6 | 147        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 0    | 25     | 59     | 0.886     | -0.039    | 3.93  | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 48.6 | 148        | 141        | 0          | 33     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 28  | 0    | 35     | 59     | 0.971     | -0.095    | 3.93  | 0.013     | 0.01      | 0         | 49   | 46   | 49.5 | 147        | 141        | 0          | 33     | 34     |
| 2009 | 6     | 28  | 0    | 45     | 59     | 0.984     | -0.121    | 3.93  | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 46.4 | 149        | 142        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 0    | 55     | 59     | 0.906     | -0.092    | 3.93  | 0.016     | 0.013     | 0         | 49.5 | 46.9 | 47.7 | 148        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 1    | 5      | 59     | 0.958     | -0.102    | 3.93  | 0.01      | 0.007     | 0         | 49   | 46.4 | 47.7 | 148        | 141        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 1    | 15     | 59     | 0.965     | -0.102    | 3.93  | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 50.3 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 1    | 25     | 59     | 0.915     | -0.092    | 3.93  | 0.01      | 0.007     | 0         | 49   | 46   | 48.6 | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 1    | 35     | 59     | 0.968     | -0.075    | 3.93  | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 49.5 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 1    | 45     | 59     | 0.932     | -0.069    | 3.93  | 0.01      | 0.007     | 0         | 49.5 | 46.9 | 49   | 148        | 141        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 1    | 55     | 59     | 0.83      | -0.016    | 3.93  | 0.01      | 0.007     | 0         | 49.5 | 46   | 50.3 | 148        | 141        | 0          | 33     | 34     |
| 2009 | 6     | 28  | 2    | 5      | 59     | 0.84      | -0.033    | 3.93  | 0.01      | 0.007     | 0         | 48.6 | 46.4 | 50.7 | 147        | 141        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 2    | 15     | 59     | 0.958     | -0.092    | 3.93  | 0.01      | 0.007     | 0         | 48.6 | 46   | 48.6 | 147        | 140        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 2    | 25     | 59     | 0.948     | -0.112    | 3.93  | 0.01      | 0.007     | 0         | 48.6 | 46   | 48.2 | 147        | 140        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 2    | 35     | 59     | 0.873     | -0.046    | 3.93  | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 48.6 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 2    | 45     | 59     | 0.942     | -0.128    | 3.93  | 0.01      | 0.007     | 0         | 49.9 | 46.4 | 48.6 | 149        | 142        | 0          | 33     | 34     |
| 2009 | 6     | 28  | 2    | 55     | 59     | 0.961     | -0.089    | 3.93  | 0.016     | 0.013     | 0         | 49.5 | 46.4 | 49.5 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 3    | 5      | 59     | 0.968     | -0.131    | 3.93  | 0.013     | 0.01      | 0         | 49   | 46   | 48.6 | 148        | 141        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 3    | 15     | 59     | 0.919     | -0.03     | 3.93  | 0.013     | 0.01      | 0         | 49   | 46.9 | 49   | 148        | 141        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 3    | 25     | 59     | 1.03      | -0.118    | 3.93  | 0.013     | 0.01      | 0         | 49.5 | 46.4 | 49.9 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 3    | 35     | 59     | 0.906     | -0.066    | 3.93  | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 47.3 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 3    | 45     | 59     | 0.876     | -0.085    | 3.93  | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 48.6 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 3    | 55     | 59     | 0.768     | -0.016    | 3.93  | 0.01      | 0.007     | 0         | 49.5 | 46.9 | 49   | 149        | 142        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 4    | 5      | 59     | 0.86      | -0.043    | 3.93  | 0.016     | 0.013     | 0         | 49   | 47.3 | 49.9 | 148        | 142        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 4    | 15     | 59     | 0.981     | -0.118    | 3.93  | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 48.2 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 4    | 25     | 59     | 0.955     | -0.072    | 3.93  | 0.016     | 0.016     | 0         | 49.5 | 46.4 | 47.7 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 4    | 35     | 59     | 1.001     | -0.128    | 3.93  | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 49   | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 4    | 45     | 59     | 0.787     | 0.016     | 3.93  | 0.01      | 0.007     | 0         | 49.9 | 46.9 | 47.7 | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 4    | 55     | 59     | 0.971     | -0.108    | 3.93  | 0.013     | 0.01      | 0         | 49.5 | 46.9 | 49   | 149        | 142        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 5    | 5      | 59     | 0.984     | -0.118    | 3.93  | 0.016     | 0.013     | 0         | 49.5 | 46.9 | 46.4 | 149        | 142        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 5    | 15     | 59     | 0.787     | -0.016    | 3.93  | 0.01      | 0.007     | 0         | 50.3 | 46.9 | 49   | 150        | 143        | 0          | 33     | 34     |
| 2009 | 6     | 28  | 5    | 25     | 59     | 0.837     | -0.023    | 3.93  | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 47.3 | 150        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 5    | 35     | 59     | 0.879     | -0.062    | 3.93  | 0.013     | 0.01      | 0         | 49.9 | 47.3 | 46.4 | 150        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 5    | 45     | 59     | 0.846     | -0.082    | 3.93  | 0.013     | 0.01      | 0         | 49.9 | 46.9 | 47.3 | 150        | 143        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 5    | 55     | 59     | 0.928     | -0.157    | 3.93  | 0.016     | 0.013     | 0         | 50.3 | 46.9 | 48.2 | 150        | 143        | 0          | 33     | 34     |
| 2009 | 6     | 28  | 6    | 5      | 59     | 0.955     | -0.125    | 3.934 | 0.013     | 0.01      | 0         | 49.9 | 46.9 | 46.9 | 150        | 143        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 6    | 15     | 59     | 1.02      | -0.135    | 3.93  | 0.01      | 0.007     | 0         | 49.9 | 46.9 | 46   | 150        | 143        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 6    | 25     | 59     | 0.886     | -0.062    | 3.934 | 0.013     | 0.01      | 0         | 50.3 | 46.9 | 46   | 150        | 143        | 0          | 33     | 34     |
| 2009 | 6     | 28  | 6    | 35     | 59     | 0.991     | -0.108    | 3.934 | 0.01      | 0.007     | 0         | 49.5 | 46.9 | 47.3 | 149        | 142        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 6    | 45     | 59     | 0.876     | -0.052    | 3.934 | 0.013     | 0.01      | 0         | 50.3 | 46.9 | 46.9 | 150        | 143        | 0          | 33     | 34     |
| 2009 | 6     | 28  | 6    | 55     | 59     | 0.988     | -0.138    | 3.934 | 0.01      | 0.007     | 0         | 49.9 | 46.9 | 46.4 | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 7    | 5      | 59     | 0.902     | -0.075    | 3.934 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 48.2 | 150        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 7    | 15     | 59     | 1.014     | -0.082    | 3.934 | 0.01      | 0.007     | 0         | 49.9 | 46.9 | 47.3 | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 7    | 25     | 59     | 0.869     | -0.141    | 3.934 | 0.013     | 0.01      | 0         | 50.3 | 47.3 | 48.6 | 150        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 7    | 35     | 59     | 0.906     | -0.056    | 3.934 | 0.01      | 0.007     | 0         | 50.3 | 46.9 | 46   | 150        | 143        | 0          | 33     | 34     |
| 2009 | 6     | 28  | 7    | 45     | 59     | 0.974     | -0.148    | 3.934 | 0.01      | 0.007     | 0         | 49.9 | 47.7 | 48.2 | 150        | 143        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 7    | 55     | 59     | 1.017     | -0.131    | 3.934 | 0.01      | 0.007     | 0         | 50.3 | 46.9 | 47.7 | 150        | 143        | 0          | 33     | 34     |
| 2009 | 6     | 28  | 8    | 5      | 59     | 0.932     | -0.141    | 3.934 | 0.013     | 0.01      | 0         | 49.9 | 46.9 | 46.4 | 150        | 143        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 8    | 15     | 59     | 0.889     | -0.082    | 3.937 | 0.013     | 0.01      | 0         | 50.3 | 47.3 | 45.6 | 150        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 8    | 25     | 59     | 0.945     | -0.072    | 3.937 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 46.4 | 150        | 143        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 28  | 8    | 35     | 59     | 0.991     | -0.092    | 3.934 | 0.013     | 0.01      | 0         | 49.9 | 47.3 | 46   | 150        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 8    | 45     | 59     | 0.955     | -0.115    | 3.934 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 46.9 | 150        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 8    | 55     | 59     | 1.027     | -0.144    | 3.937 | 0.013     | 0.01      | 0         | 49.9 | 47.3 | 45.6 | 150        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 9    | 5      | 59     | 1.02      | -0.108    | 3.937 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 48.2 | 150        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 9    | 15     | 59     | 0.945     | -0.121    | 3.934 | 0.013     | 0.01      | 0         | 49.9 | 46.9 | 45.6 | 150        | 143        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 9    | 25     | 59     | 1.007     | -0.089    | 3.937 | 0.013     | 0.01      | 0         | 49.9 | 47.7 | 46.4 | 150        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 9    | 35     | 59     | 0.968     | -0.102    | 3.937 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 47.3 | 150        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 9    | 45     | 59     | 0.968     | -0.075    | 3.937 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 46.9 | 150        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 9    | 55     | 59     | 0.896     | -0.066    | 3.937 | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 46.9 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 10   | 5      | 59     | 0.869     | -0.095    | 3.937 | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 47.7 | 150        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 10   | 15     | 59     | 0.817     | -0.052    | 3.937 | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 45.6 | 150        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 10   | 25     | 59     | 0.978     | -0.108    | 3.937 | 0.013     | 0.01      | 0         | 50.3 | 46.9 | 47.3 | 150        | 143        | 0          | 33     | 34     |
| 2009 | 6     | 28  | 10   | 35     | 59     | 0.991     | -0.095    | 3.937 | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 46   | 150        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 10   | 45     | 59     | 1.017     | -0.151    | 3.937 | 0.013     | 0.01      | 0         | 50.3 | 46.9 | 47.7 | 150        | 143        | 0          | 33     | 34     |
| 2009 | 6     | 28  | 10   | 55     | 59     | 0.922     | -0.141    | 3.937 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 47.7 | 150        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 11   | 5      | 59     | 0.892     | -0.059    | 3.937 | 0.01      | 0.007     | 0         | 49.9 | 47.7 | 51.2 | 150        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 11   | 15     | 59     | 1.014     | -0.118    | 3.937 | 0.013     | 0.01      | 0         | 50.3 | 47.3 | 47.3 | 150        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 11   | 25     | 59     | 1.004     | -0.115    | 3.937 | 0.01      | 0.007     | 0         | 50.3 | 47.3 | 48.2 | 150        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 11   | 35     | 59     | 1.007     | -0.112    | 3.937 | 0.013     | 0.01      | 0         | 49.9 | 47.7 | 46.4 | 150        | 143        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 11   | 45     | 59     | 0.981     | -0.095    | 3.937 | 0.013     | 0.01      | 0         | 50.3 | 47.3 | 48.2 | 150        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 11   | 55     | 59     | 0.919     | -0.121    | 3.937 | 0.01      | 0.007     | 0         | 49.9 | 47.7 | 47.3 | 150        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 12   | 5      | 59     | 1.043     | -0.131    | 3.937 | 0.013     | 0.01      | 0         | 50.3 | 46.9 | 50.7 | 150        | 143        | 0          | 33     | 34     |
| 2009 | 6     | 28  | 12   | 15     | 59     | 1.033     | -0.151    | 3.937 | 0.01      | 0.007     | 0         | 50.3 | 46.9 | 51.6 | 150        | 143        | 0          | 33     | 34     |
| 2009 | 6     | 28  | 12   | 25     | 59     | 0.981     | -0.135    | 3.937 | 0.01      | 0.007     | 0         | 49.9 | 47.7 | 51.6 | 150        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 12   | 35     | 59     | 1.004     | -0.131    | 3.937 | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 46.9 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 12   | 45     | 59     | 0.948     | -0.108    | 3.937 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 50.7 | 151        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 12   | 55     | 59     | 0.886     | -0.033    | 3.937 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 49.9 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 13   | 5      | 59     | 1.04      | -0.092    | 3.937 | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 48.6 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 13   | 15     | 59     | 0.965     | -0.121    | 3.937 | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 49.5 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 13   | 25     | 59     | 0.974     | -0.089    | 3.94  | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 48.6 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 13   | 35     | 59     | 1.024     | -0.121    | 3.937 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 51.6 | 151        | 144        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 13   | 45     | 59     | 0.981     | -0.092    | 3.94  | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 49.5 | 150        | 143        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 13   | 55     | 59     | 1.01      | -0.108    | 3.94  | 0.01      | 0.007     | 0         | 50.7 | 47.3 | 50.3 | 151        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 14   | 5      | 59     | 0.935     | -0.138    | 3.937 | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 50.7 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 14   | 15     | 59     | 0.942     | -0.121    | 3.94  | 0.01      | 0.007     | 0         | 49.9 | 47.7 | 49.9 | 150        | 143        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 14   | 25     | 59     | 0.997     | -0.108    | 3.94  | 0.01      | 0.007     | 0         | 50.3 | 47.3 | 48.6 | 150        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 14   | 35     | 59     | 0.965     | -0.141    | 3.94  | 0.013     | 0.01      | 0         | 49.9 | 46.9 | 50.3 | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 14   | 45     | 59     | 0.955     | -0.115    | 3.94  | 0.01      | 0.007     | 0         | 49.9 | 46.9 | 49.5 | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 14   | 55     | 59     | 0.935     | -0.118    | 3.94  | 0.01      | 0.007     | 0         | 49.5 | 46.9 | 50.3 | 148        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 15   | 5      | 59     | 1.027     | -0.144    | 3.94  | 0.01      | 0.007     | 0         | 49.5 | 46.9 | 48.6 | 148        | 141        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 15   | 15     | 59     | 0.942     | -0.128    | 3.94  | 0.013     | 0.01      | 0         | 49.5 | 46.9 | 48.2 | 148        | 141        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 15   | 25     | 59     | 1.001     | -0.112    | 3.94  | 0.013     | 0.01      | 0         | 49.5 | 46.4 | 53.3 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 15   | 35     | 59     | 1.024     | -0.121    | 3.94  | 0.01      | 0.007     | 0         | 49.9 | 46.4 | 51.2 | 148        | 141        | 0          | 32     | 33     |
| 2009 | 6     | 28  | 15   | 45     | 59     | 0.935     | -0.118    | 3.94  | 0.01      | 0.007     | 0         | 49.5 | 46.9 | 49.9 | 148        | 141        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 15   | 55     | 59     | 1.02      | -0.171    | 3.94  | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 51.2 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 16   | 5      | 59     | 0.958     | -0.102    | 3.94  | 0.013     | 0.01      | 0         | 49.5 | 46.9 | 54.2 | 148        | 141        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 16   | 15     | 59     | 1.001     | -0.135    | 3.937 | 0.016     | 0.016     | 0         | 49.9 | 47.3 | 48.6 | 149        | 142        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 16   | 25     | 59     | 1.001     | -0.118    | 3.937 | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 52   | 148        | 141        | 0          | 33     | 33     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 28  | 16   | 35     | 59     | 1.017     | -0.112    | 3.937 | 0.013     | 0.01      | 0         | 49.9 | 47.3 | 49   | 149        | 142        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 16   | 45     | 59     | 0.978     | -0.098    | 3.937 | 0.013     | 0.01      | 0         | 50.3 | 47.3 | 46.9 | 149        | 142        | 0          | 32     | 32     |
| 2009 | 6     | 28  | 16   | 55     | 59     | 0.978     | -0.082    | 3.937 | 0.013     | 0.01      | 0         | 49.5 | 46.4 | 49   | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 17   | 5      | 59     | 0.909     | -0.075    | 3.937 | 0.01      | 0.007     | 0         | 49.9 | 46.4 | 49   | 148        | 141        | 0          | 32     | 33     |
| 2009 | 6     | 28  | 17   | 15     | 59     | 1.02      | -0.089    | 3.937 | 0.01      | 0.007     | 0         | 49   | 46   | 48.6 | 148        | 140        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 17   | 25     | 59     | 1.014     | -0.115    | 3.937 | 0.01      | 0.007     | 0         | 49.5 | 46   | 49   | 148        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 17   | 35     | 59     | 0.994     | -0.131    | 3.937 | 0.01      | 0.007     | 0         | 49   | 46   | 48.2 | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 17   | 45     | 59     | 1.027     | -0.118    | 3.937 | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 48.6 | 148        | 140        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 17   | 55     | 59     | 0.919     | -0.079    | 3.934 | 0.016     | 0.013     | 0         | 49.5 | 46.9 | 47.7 | 148        | 141        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 18   | 5      | 59     | 0.932     | -0.112    | 3.937 | 0.013     | 0.01      | 0         | 49   | 46   | 50.3 | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 18   | 15     | 59     | 0.978     | -0.148    | 3.937 | 0.013     | 0.01      | 0         | 49.5 | 46   | 46.9 | 148        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 18   | 25     | 59     | 0.883     | -0.026    | 3.937 | 0.01      | 0.007     | 0         | 49.5 | 46.9 | 46.4 | 148        | 141        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 18   | 35     | 59     | 0.965     | -0.121    | 3.937 | 0.01      | 0.007     | 0         | 49.5 | 46.9 | 47.7 | 148        | 141        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 18   | 45     | 59     | 1.01      | -0.089    | 3.937 | 0.016     | 0.013     | 0         | 49.5 | 46   | 48.6 | 148        | 141        | 0          | 33     | 34     |
| 2009 | 6     | 28  | 18   | 55     | 59     | 0.984     | -0.112    | 3.937 | 0.013     | 0.01      | 0         | 49.5 | 46.4 | 47.3 | 147        | 140        | 0          | 32     | 32     |
| 2009 | 6     | 28  | 19   | 5      | 59     | 0.984     | -0.125    | 3.937 | 0.01      | 0.007     | 0         | 49   | 46.4 | 46.4 | 147        | 140        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 19   | 15     | 59     | 0.958     | -0.095    | 3.937 | 0.01      | 0.007     | 0         | 49   | 46.4 | 47.3 | 147        | 140        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 19   | 25     | 59     | 0.922     | -0.049    | 3.937 | 0.01      | 0.007     | 0         | 49   | 46   | 49   | 148        | 140        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 19   | 35     | 59     | 0.869     | -0.098    | 3.94  | 0.01      | 0.007     | 0         | 49   | 46.4 | 48.6 | 148        | 141        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 19   | 45     | 59     | 0.984     | -0.125    | 3.937 | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 49.5 | 148        | 140        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 19   | 55     | 59     | 0.896     | -0.049    | 3.94  | 0.013     | 0.01      | 0         | 49.5 | 46.4 | 49.9 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 20   | 5      | 59     | 0.945     | -0.125    | 3.94  | 0.01      | 0.007     | 0         | 49   | 46.4 | 47.3 | 147        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 20   | 15     | 59     | 0.899     | -0.049    | 3.94  | 0.013     | 0.01      | 0         | 49   | 46.9 | 48.6 | 148        | 141        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 20   | 25     | 59     | 0.915     | -0.069    | 3.94  | 0.013     | 0.01      | 0         | 49.5 | 46   | 49   | 148        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 20   | 35     | 59     | 0.981     | -0.095    | 3.94  | 0.01      | 0.007     | 0         | 49   | 46.4 | 49   | 147        | 140        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 20   | 45     | 59     | 0.951     | -0.082    | 3.94  | 0.013     | 0.01      | 0         | 49.5 | 46.4 | 51.2 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 20   | 55     | 59     | 0.902     | -0.01     | 3.94  | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 50.3 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 21   | 5      | 59     | 0.866     | -0.02     | 3.94  | 0.01      | 0.007     | 0         | 49   | 46.4 | 49.9 | 147        | 140        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 21   | 15     | 59     | 0.971     | -0.072    | 3.94  | 0.01      | 0.007     | 0         | 49   | 46   | 49.9 | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 21   | 25     | 59     | 0.935     | -0.033    | 3.94  | 0.013     | 0.01      | 0         | 49   | 46.4 | 50.7 | 147        | 140        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 21   | 35     | 59     | 0.879     | -0.052    | 3.94  | 0.013     | 0.01      | 0         | 49   | 46   | 49   | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 21   | 45     | 59     | 0.879     | -0.033    | 3.94  | 0.013     | 0.01      | 0         | 49.5 | 46.4 | 49   | 148        | 140        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 21   | 55     | 59     | 0.876     | -0.069    | 3.94  | 0.01      | 0.007     | 0         | 49   | 46   | 48.6 | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 22   | 5      | 59     | 0.955     | -0.023    | 3.94  | 0.01      | 0.007     | 0         | 49   | 46.4 | 52   | 147        | 140        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 22   | 15     | 59     | 0.83      | -0.016    | 3.94  | 0.01      | 0.007     | 0         | 49   | 46   | 50.3 | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 22   | 25     | 59     | 1.004     | -0.125    | 3.94  | 0.01      | 0.007     | 0         | 49.5 | 45.6 | 48.2 | 147        | 139        | 0          | 32     | 33     |
| 2009 | 6     | 28  | 22   | 35     | 59     | 0.935     | -0.085    | 3.94  | 0.01      | 0.007     | 0         | 49   | 46   | 49.5 | 147        | 139        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 22   | 45     | 59     | 0.925     | -0.072    | 3.94  | 0.013     | 0.01      | 0         | 49   | 46.4 | 48.6 | 147        | 140        | 0          | 33     | 32     |
| 2009 | 6     | 28  | 22   | 55     | 59     | 0.892     | -0.043    | 3.94  | 0.01      | 0.007     | 0         | 49   | 46   | 47.7 | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 23   | 5      | 59     | 0.906     | -0.062    | 3.94  | 0.01      | 0.007     | 0         | 49   | 45.6 | 48.6 | 147        | 139        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 23   | 15     | 59     | 0.984     | -0.098    | 3.94  | 0.016     | 0.013     | 0         | 49   | 46   | 49   | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 23   | 25     | 59     | 0.938     | -0.079    | 3.94  | 0.01      | 0.007     | 0         | 49   | 46   | 48.2 | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 28  | 23   | 35     | 59     | 0.843     | -0.023    | 3.94  | 0.01      | 0.007     | 0         | 49   | 46   | 49   | 148        | 140        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 23   | 45     | 59     | 0.994     | -0.095    | 3.94  | 0.016     | 0.013     | 0         | 48.6 | 45.6 | 48.6 | 147        | 139        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 23   | 55     | 59     | 0.919     | -0.075    | 3.94  | 0.01      | 0.007     | 0         | 49   | 46   | 48.6 | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 0    | 5      | 59     | 0.896     | -0.108    | 3.94  | 0.013     | 0.01      | 0         | 48.6 | 46   | 49   | 147        | 140        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 0    | 15     | 59     | 1.03      | -0.115    | 3.94  | 0.01      | 0.007     | 0         | 49   | 46   | 49.5 | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 0    | 25     | 59     | 0.915     | -0.095    | 3.94  | 0.01      | 0.007     | 0         | 48.6 | 46.4 | 49   | 147        | 140        | 0          | 34     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 29  | 0    | 35     | 59     | 0.909     | -0.049    | 3.94  | 0.016     | 0.013     | 0         | 49   | 46   | 48.6 | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 0    | 45     | 59     | 0.978     | -0.151    | 3.94  | 0.01      | 0.007     | 0         | 49   | 46   | 47.7 | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 0    | 55     | 59     | 0.896     | -0.062    | 3.94  | 0.01      | 0.007     | 0         | 49   | 46   | 48.6 | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 1    | 5      | 59     | 0.932     | -0.079    | 3.94  | 0.01      | 0.007     | 0         | 49.5 | 46   | 48.2 | 148        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 1    | 15     | 59     | 0.928     | -0.085    | 3.94  | 0.013     | 0.01      | 0         | 49.5 | 46.4 | 51.2 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 1    | 25     | 59     | 0.932     | -0.046    | 3.94  | 0.016     | 0.013     | 0         | 49.5 | 46.9 | 48.6 | 148        | 141        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 1    | 35     | 59     | 0.955     | -0.108    | 3.94  | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 48.6 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 1    | 45     | 59     | 0.948     | -0.121    | 3.94  | 0.01      | 0.007     | 0         | 49   | 46.4 | 47.7 | 148        | 141        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 1    | 55     | 59     | 0.984     | -0.112    | 3.94  | 0.01      | 0.007     | 0         | 49.9 | 46.9 | 48.6 | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 2    | 5      | 59     | 0.951     | -0.049    | 3.94  | 0.013     | 0.01      | 0         | 49.5 | 47.3 | 49   | 149        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 2    | 15     | 59     | 0.837     | -0.01     | 3.94  | 0.01      | 0.007     | 0         | 49.5 | 46.9 | 47.7 | 149        | 142        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 2    | 25     | 59     | 0.942     | -0.098    | 3.94  | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 46.4 | 149        | 142        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 2    | 35     | 59     | 0.928     | -0.075    | 3.94  | 0.013     | 0.01      | 0         | 49.9 | 46.9 | 48.6 | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 2    | 45     | 59     | 0.935     | -0.079    | 3.94  | 0.013     | 0.01      | 0         | 49.9 | 46.9 | 46.4 | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 2    | 55     | 59     | 1.014     | -0.135    | 3.94  | 0.013     | 0.01      | 0         | 49.9 | 46.9 | 46.9 | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 3    | 5      | 59     | 0.899     | -0.016    | 3.94  | 0.013     | 0.01      | 0         | 50.3 | 47.3 | 47.7 | 150        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 3    | 15     | 59     | 0.873     | -0.01     | 3.94  | 0.013     | 0.01      | 0         | 49.9 | 47.3 | 45.6 | 150        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 3    | 25     | 59     | 0.925     | -0.062    | 3.94  | 0.01      | 0.007     | 0         | 50.3 | 47.3 | 48.6 | 150        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 3    | 35     | 59     | 0.873     | -0.026    | 3.94  | 0.01      | 0.007     | 0         | 50.3 | 46.9 | 48.2 | 150        | 143        | 0          | 33     | 34     |
| 2009 | 6     | 29  | 3    | 45     | 59     | 0.965     | -0.108    | 3.94  | 0.013     | 0.01      | 0         | 50.3 | 47.3 | 47.7 | 150        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 3    | 55     | 59     | 0.942     | -0.039    | 3.94  | 0.01      | 0.007     | 0         | 50.3 | 47.3 | 46.9 | 150        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 4    | 5      | 59     | 0.978     | -0.105    | 3.94  | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 46.4 | 150        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 4    | 15     | 59     | 0.899     | -0.043    | 3.94  | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 49   | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 4    | 25     | 59     | 0.925     | -0.095    | 3.944 | 0.013     | 0.01      | 0         | 50.3 | 47.3 | 49.9 | 151        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 4    | 35     | 59     | 1.007     | -0.112    | 3.944 | 0.01      | 0.007     | 0         | 50.3 | 47.3 | 46.4 | 151        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 4    | 45     | 59     | 1.017     | -0.121    | 3.944 | 0.016     | 0.013     | 0         | 50.3 | 47.7 | 46.9 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 4    | 55     | 59     | 0.948     | -0.075    | 3.944 | 0.013     | 0.01      | 0         | 50.3 | 48.2 | 46   | 151        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 5    | 5      | 59     | 1.004     | -0.082    | 3.944 | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 47.7 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 5    | 15     | 59     | 0.958     | -0.072    | 3.944 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 46.9 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 5    | 25     | 59     | 0.925     | -0.062    | 3.944 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 46.4 | 152        | 146        | 0          | 33     | 34     |
| 2009 | 6     | 29  | 5    | 35     | 59     | 0.974     | -0.082    | 3.944 | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 47.3 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 5    | 45     | 59     | 0.935     | -0.072    | 3.947 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 45.6 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 5    | 55     | 59     | 0.935     | -0.105    | 3.944 | 0.016     | 0.016     | 0         | 51.6 | 48.6 | 45.6 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 6    | 5      | 59     | 0.909     | -0.085    | 3.95  | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 46.9 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 6    | 15     | 59     | 0.948     | -0.102    | 3.95  | 0.01      | 0.007     | 0         | 51.6 | 48.2 | 44.3 | 153        | 146        | 0          | 33     | 34     |
| 2009 | 6     | 29  | 6    | 25     | 59     | 0.988     | -0.138    | 3.95  | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 45.2 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 6    | 35     | 59     | 0.968     | -0.108    | 3.953 | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 46   | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 6    | 45     | 59     | 0.935     | -0.072    | 3.953 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 46.9 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 6    | 55     | 59     | 0.958     | -0.138    | 3.953 | 0.013     | 0.01      | 0         | 51.2 | 49   | 44.7 | 153        | 146        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 7    | 5      | 59     | 0.912     | -0.072    | 3.953 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 45.6 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 7    | 15     | 59     | 0.965     | -0.118    | 3.957 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 47.3 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 7    | 25     | 59     | 0.961     | -0.154    | 3.957 | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 45.6 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 7    | 35     | 59     | 0.978     | -0.075    | 3.957 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 46.4 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 7    | 45     | 59     | 0.958     | -0.102    | 3.957 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 45.6 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 7    | 55     | 59     | 1.066     | -0.121    | 3.957 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 45.2 | 152        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 8    | 5      | 59     | 1.02      | -0.115    | 3.957 | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 48.2 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 8    | 15     | 59     | 0.814     | -0.023    | 3.957 | 0.016     | 0.013     | 0         | 50.7 | 48.6 | 46.4 | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 8    | 25     | 59     | 0.879     | -0.056    | 3.96  | 0.01      | 0.007     | 0         | 51.2 | 49   | 46.9 | 153        | 146        | 0          | 34     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 29  | 8    | 35     | 59     | 0.948     | -0.062    | 3.957 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 48.6 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 8    | 45     | 59     | 0.997     | -0.118    | 3.957 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 46   | 152        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 8    | 55     | 59     | 0.906     | -0.092    | 3.96  | 0.01      | 0.007     | 0         | 51.6 | 48.2 | 46.4 | 153        | 146        | 0          | 33     | 34     |
| 2009 | 6     | 29  | 9    | 5      | 59     | 0.988     | -0.125    | 3.96  | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 45.6 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 9    | 15     | 59     | 0.935     | -0.072    | 3.96  | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 46.9 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 9    | 25     | 59     | 0.912     | -0.056    | 3.96  | 0.01      | 0.007     | 0         | 51.2 | 49   | 47.7 | 153        | 146        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 9    | 35     | 59     | 1.01      | -0.108    | 3.96  | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 48.2 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 9    | 45     | 59     | 0.856     | -0.033    | 3.96  | 0.013     | 0.01      | 0         | 51.6 | 49.5 | 46   | 154        | 147        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 9    | 55     | 59     | 0.912     | -0.062    | 3.957 | 0.01      | 0.007     | 0         | 51.6 | 49   | 49   | 153        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 10   | 5      | 59     | 0.843     | -0.062    | 3.957 | 0.01      | 0.007     | 0         | 51.6 | 49   | 46.4 | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 10   | 15     | 59     | 0.981     | -0.079    | 3.957 | 0.01      | 0.007     | 0         | 51.6 | 49   | 47.7 | 154        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 10   | 25     | 59     | 0.988     | -0.075    | 3.953 | 0.013     | 0.01      | 0         | 52   | 49   | 46   | 154        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 10   | 35     | 59     | 0.86      | -0.033    | 3.957 | 0.01      | 0.007     | 0         | 52.5 | 49.5 | 45.2 | 155        | 148        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 10   | 45     | 59     | 0.778     | -0.016    | 3.957 | 0.013     | 0.01      | 0         | 52   | 49   | 44.7 | 154        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 10   | 55     | 59     | 0.994     | -0.072    | 3.953 | 0.01      | 0.007     | 0         | 52   | 48.6 | 45.6 | 154        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 11   | 5      | 59     | 1.004     | -0.118    | 3.95  | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 46   | 153        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 11   | 15     | 59     | 1.083     | -0.105    | 3.95  | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 47.7 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 11   | 25     | 59     | 0.965     | -0.125    | 3.95  | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 45.6 | 152        | 145        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 11   | 35     | 59     | 0.974     | -0.112    | 3.95  | 0.01      | 0.007     | 0         | 51.6 | 48.6 | 47.7 | 153        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 11   | 45     | 59     | 0.981     | -0.115    | 3.95  | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 49   | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 11   | 55     | 59     | 0.981     | -0.148    | 3.95  | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 49   | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 12   | 5      | 59     | 0.984     | -0.121    | 3.95  | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 47.3 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 12   | 15     | 59     | 0.968     | -0.075    | 3.95  | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 50.7 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 12   | 25     | 59     | 1.024     | -0.171    | 3.95  | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 48.6 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 12   | 35     | 59     | 0.984     | -0.098    | 3.95  | 0.013     | 0.01      | 0         | 52.5 | 49.5 | 52.9 | 155        | 148        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 12   | 45     | 59     | 1.01      | -0.102    | 3.95  | 0.01      | 0.007     | 0         | 53.3 | 50.3 | 49.5 | 157        | 150        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 12   | 55     | 59     | 0.984     | -0.105    | 3.95  | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 49.9 | 156        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 13   | 5      | 59     | 0.978     | -0.128    | 3.95  | 0.01      | 0.007     | 0         | 52.9 | 50.3 | 50.3 | 156        | 149        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 13   | 15     | 59     | 0.961     | -0.102    | 3.95  | 0.01      | 0.007     | 0         | 52.5 | 49.9 | 50.7 | 155        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 13   | 25     | 59     | 0.974     | -0.138    | 3.95  | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 47.7 | 157        | 150        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 13   | 35     | 59     | 1.02      | -0.144    | 3.95  | 0.01      | 0.007     | 0         | 53.8 | 51.2 | 48.6 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 13   | 45     | 59     | 0.922     | -0.072    | 3.95  | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 51.2 | 158        | 151        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 13   | 55     | 59     | 1.017     | -0.128    | 3.95  | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 47.3 | 157        | 150        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 14   | 5      | 59     | 0.961     | -0.135    | 3.95  | 0.013     | 0.01      | 0         | 53.3 | 49.9 | 48.6 | 157        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 14   | 15     | 59     | 0.981     | -0.095    | 3.95  | 0.013     | 0.01      | 0         | 52   | 50.3 | 47.7 | 155        | 149        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 14   | 25     | 59     | 1.033     | -0.092    | 3.95  | 0.01      | 0.007     | 0         | 52   | 49.5 | 47.3 | 154        | 147        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 14   | 35     | 59     | 1.004     | -0.115    | 3.95  | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 47.3 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 14   | 45     | 59     | 1.024     | -0.085    | 3.95  | 0.016     | 0.016     | 0         | 51.2 | 48.6 | 46.4 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 14   | 55     | 59     | 0.922     | -0.049    | 3.95  | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 52   | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 15   | 5      | 59     | 1.027     | -0.108    | 3.95  | 0.01      | 0.007     | 0         | 51.2 | 47.7 | 48.6 | 151        | 144        | 0          | 32     | 33     |
| 2009 | 6     | 29  | 15   | 15     | 59     | 0.991     | -0.092    | 3.95  | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 49.9 | 151        | 143        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 15   | 25     | 59     | 1.001     | -0.125    | 3.95  | 0.013     | 0.01      | 0         | 50.3 | 47.3 | 49   | 150        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 15   | 35     | 59     | 0.974     | -0.125    | 3.95  | 0.013     | 0.01      | 0         | 50.7 | 47.3 | 48.2 | 151        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 15   | 45     | 59     | 1.02      | -0.115    | 3.95  | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 50.3 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 15   | 55     | 59     | 1.04      | -0.118    | 3.95  | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 49   | 152        | 145        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 16   | 5      | 59     | 0.988     | -0.115    | 3.95  | 0.013     | 0.01      | 0         | 51.6 | 48.2 | 49.5 | 152        | 144        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 16   | 15     | 59     | 0.991     | -0.125    | 3.95  | 0.016     | 0.013     | 0         | 50.7 | 47.7 | 52.9 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 16   | 25     | 59     | 1.033     | -0.128    | 3.95  | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 51.2 | 152        | 145        | 0          | 33     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 29  | 16   | 35     | 59     | 0.988     | -0.098    | 3.95  | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 50.7 | 152        | 145        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 16   | 45     | 59     | 0.958     | -0.102    | 3.95  | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 48.6 | 151        | 144        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 16   | 55     | 59     | 0.994     | -0.112    | 3.95  | 0.01      | 0.007     | 0         | 50.3 | 46.9 | 49   | 150        | 143        | 0          | 33     | 34     |
| 2009 | 6     | 29  | 17   | 5      | 59     | 0.978     | -0.128    | 3.95  | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 51.6 | 150        | 143        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 17   | 15     | 59     | 0.978     | -0.105    | 3.95  | 0.013     | 0.01      | 0         | 49.9 | 47.3 | 51.6 | 149        | 142        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 17   | 25     | 59     | 1.01      | -0.144    | 3.95  | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 52.9 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 17   | 35     | 59     | 0.968     | -0.151    | 3.95  | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 49   | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 17   | 45     | 59     | 1.01      | -0.092    | 3.95  | 0.016     | 0.013     | 0         | 50.7 | 48.2 | 49.5 | 151        | 144        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 17   | 55     | 59     | 0.942     | -0.049    | 3.95  | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 49.5 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 18   | 5      | 59     | 0.978     | -0.148    | 3.95  | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 49   | 150        | 143        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 18   | 15     | 59     | 0.958     | -0.102    | 3.95  | 0.01      | 0.007     | 0         | 50.7 | 47.3 | 48.2 | 150        | 143        | 0          | 32     | 33     |
| 2009 | 6     | 29  | 18   | 25     | 59     | 0.794     | -0.01     | 3.95  | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 49.5 | 150        | 143        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 18   | 35     | 59     | 1.043     | -0.125    | 3.95  | 0.01      | 0.007     | 0         | 50.3 | 46.9 | 48.2 | 149        | 142        | 0          | 32     | 33     |
| 2009 | 6     | 29  | 18   | 45     | 59     | 0.948     | -0.092    | 3.95  | 0.01      | 0.007     | 0         | 49.9 | 47.7 | 47.7 | 149        | 143        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 18   | 55     | 59     | 0.922     | -0.105    | 3.95  | 0.013     | 0.01      | 0         | 49.9 | 47.3 | 48.6 | 149        | 142        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 19   | 5      | 59     | 0.997     | -0.105    | 3.95  | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 49.5 | 149        | 142        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 19   | 15     | 59     | 0.974     | -0.141    | 3.95  | 0.013     | 0.01      | 0         | 49.9 | 46.4 | 47.7 | 149        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 19   | 25     | 59     | 0.955     | -0.089    | 3.95  | 0.01      | 0.007     | 0         | 50.3 | 47.3 | 47.7 | 149        | 142        | 0          | 32     | 32     |
| 2009 | 6     | 29  | 19   | 35     | 59     | 0.899     | -0.056    | 3.95  | 0.01      | 0.007     | 0         | 49.5 | 46.9 | 48.6 | 148        | 141        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 19   | 45     | 59     | 0.919     | -0.066    | 3.95  | 0.013     | 0.01      | 0         | 49.9 | 47.3 | 48.2 | 149        | 142        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 19   | 55     | 59     | 0.942     | -0.043    | 3.95  | 0.01      | 0.007     | 0         | 49.9 | 46.4 | 49   | 148        | 141        | 0          | 32     | 33     |
| 2009 | 6     | 29  | 20   | 5      | 59     | 0.915     | -0.062    | 3.95  | 0.01      | 0.007     | 0         | 49.9 | 46.9 | 48.2 | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 20   | 15     | 59     | 1.06      | -0.135    | 3.95  | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 47.3 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 20   | 25     | 59     | 0.846     | -0.016    | 3.95  | 0.016     | 0.016     | 0         | 49.9 | 46.9 | 48.6 | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 20   | 35     | 59     | 1.017     | -0.108    | 3.95  | 0.013     | 0.01      | 0         | 49.5 | 46.9 | 47.3 | 148        | 141        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 20   | 45     | 59     | 0.984     | -0.092    | 3.95  | 0.013     | 0.01      | 0         | 49.5 | 46.9 | 47.7 | 148        | 141        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 20   | 55     | 59     | 0.988     | -0.089    | 3.95  | 0.016     | 0.013     | 0         | 49.5 | 46.4 | 48.6 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 21   | 5      | 59     | 0.958     | -0.085    | 3.95  | 0.01      | 0.007     | 0         | 49.9 | 46.4 | 48.2 | 148        | 141        | 0          | 32     | 33     |
| 2009 | 6     | 29  | 21   | 15     | 59     | 0.794     | -0.036    | 3.95  | 0.01      | 0.007     | 0         | 49.9 | 46.9 | 49   | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 21   | 25     | 59     | 0.968     | -0.102    | 3.95  | 0.01      | 0.007     | 0         | 48.6 | 46.4 | 49.5 | 147        | 141        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 21   | 35     | 59     | 0.961     | -0.095    | 3.95  | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 47.3 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 21   | 45     | 59     | 0.83      | 0         | 3.95  | 0.013     | 0.01      | 0         | 49.5 | 46.4 | 49   | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 21   | 55     | 59     | 0.951     | -0.069    | 3.95  | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 47.7 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 22   | 5      | 59     | 0.925     | -0.056    | 3.95  | 0.01      | 0.007     | 0         | 49   | 46   | 46.9 | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 22   | 15     | 59     | 0.856     | -0.023    | 3.95  | 0.016     | 0.013     | 0         | 49   | 46.4 | 48.6 | 147        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 22   | 25     | 59     | 0.85      | -0.007    | 3.953 | 0.01      | 0.007     | 0         | 49   | 46   | 47.7 | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 22   | 35     | 59     | 0.981     | -0.112    | 3.95  | 0.016     | 0.016     | 0         | 48.6 | 46   | 46.4 | 146        | 139        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 22   | 45     | 59     | 1.014     | -0.115    | 3.953 | 0.013     | 0.01      | 0         | 49   | 46.4 | 47.3 | 147        | 140        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 22   | 55     | 59     | 0.991     | -0.089    | 3.953 | 0.01      | 0.007     | 0         | 49   | 46   | 47.7 | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 23   | 5      | 59     | 0.823     | -0.066    | 3.953 | 0.01      | 0.007     | 0         | 49   | 46   | 45.6 | 148        | 140        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 23   | 15     | 59     | 1.03      | -0.092    | 3.953 | 0.01      | 0.007     | 0         | 49   | 46.4 | 46.9 | 147        | 140        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 23   | 25     | 59     | 1.04      | -0.125    | 3.953 | 0.01      | 0.007     | 0         | 49   | 46   | 47.3 | 147        | 140        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 23   | 35     | 59     | 0.876     | -0.046    | 3.953 | 0.01      | 0.007     | 0         | 49.5 | 46.9 | 46   | 148        | 141        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 23   | 45     | 59     | 0.945     | -0.112    | 3.953 | 0.01      | 0.007     | 0         | 49   | 46.4 | 47.7 | 148        | 141        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 23   | 55     | 59     | 1.03      | -0.092    | 3.957 | 0.013     | 0.01      | 0         | 49.5 | 46.4 | 46.4 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 0    | 5      | 59     | 0.948     | -0.082    | 3.957 | 0.01      | 0.007     | 0         | 49   | 46.4 | 46.4 | 148        | 141        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 0    | 15     | 59     | 0.906     | -0.082    | 3.96  | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 46   | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 0    | 25     | 59     | 0.843     | -0.033    | 3.96  | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 47.3 | 149        | 142        | 0          | 33     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 30  | 0    | 35     | 59     | 0.932     | -0.069    | 3.963 | 0.01      | 0.007     | 0         | 49   | 46   | 47.3 | 148        | 141        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 0    | 45     | 59     | 0.971     | -0.108    | 3.963 | 0.01      | 0.007     | 0         | 49.9 | 46.9 | 46.9 | 149        | 141        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 0    | 55     | 59     | 1.033     | -0.108    | 3.963 | 0.016     | 0.013     | 0         | 49   | 46.9 | 46.9 | 148        | 142        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 1    | 5      | 59     | 0.866     | -0.098    | 3.967 | 0.013     | 0.01      | 0         | 49.9 | 46.9 | 47.3 | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 1    | 15     | 59     | 0.965     | -0.079    | 3.967 | 0.016     | 0.013     | 0         | 49   | 46.9 | 48.2 | 148        | 142        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 1    | 25     | 59     | 1.047     | -0.121    | 3.967 | 0.01      | 0.007     | 0         | 49.5 | 47.3 | 47.7 | 148        | 142        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 1    | 35     | 59     | 0.84      | -0.013    | 3.967 | 0.01      | 0.007     | 0         | 49.5 | 46.9 | 48.6 | 149        | 142        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 1    | 45     | 59     | 1.037     | -0.092    | 3.967 | 0.013     | 0.01      | 0         | 49.5 | 46.4 | 47.3 | 149        | 141        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 1    | 55     | 59     | 0.945     | -0.079    | 3.967 | 0.013     | 0.01      | 0         | 49.9 | 46.9 | 48.2 | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 2    | 5      | 59     | 0.935     | -0.105    | 3.967 | 0.013     | 0.01      | 0         | 49.5 | 46.4 | 47.7 | 149        | 142        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 2    | 15     | 59     | 1.007     | -0.131    | 3.967 | 0.013     | 0.01      | 0         | 49.5 | 46.9 | 47.3 | 149        | 142        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 2    | 25     | 59     | 0.817     | 0.007     | 3.97  | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 48.6 | 150        | 143        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 2    | 35     | 59     | 0.994     | -0.125    | 3.967 | 0.01      | 0.007     | 0         | 49.5 | 46.9 | 47.3 | 149        | 142        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 2    | 45     | 59     | 1.033     | -0.125    | 3.967 | 0.01      | 0.007     | 0         | 49.9 | 46.9 | 48.2 | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 2    | 55     | 59     | 0.981     | -0.092    | 3.97  | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 48.2 | 150        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 3    | 5      | 59     | 0.997     | -0.079    | 3.97  | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 48.6 | 150        | 143        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 3    | 15     | 59     | 0.85      | -0.062    | 3.97  | 0.01      | 0.007     | 0         | 50.3 | 47.3 | 48.2 | 150        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 3    | 25     | 59     | 0.961     | -0.056    | 3.97  | 0.013     | 0.01      | 0         | 50.3 | 47.3 | 49   | 150        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 3    | 35     | 59     | 0.909     | -0.062    | 3.97  | 0.01      | 0.007     | 0         | 50.3 | 47.3 | 49   | 150        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 3    | 45     | 59     | 0.951     | -0.066    | 3.97  | 0.01      | 0.007     | 0         | 50.3 | 47.3 | 47.7 | 150        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 3    | 55     | 59     | 0.978     | -0.072    | 3.97  | 0.01      | 0.007     | 0         | 50.3 | 47.3 | 49.5 | 150        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 4    | 5      | 59     | 0.984     | -0.125    | 3.97  | 0.01      | 0.007     | 0         | 50.3 | 47.3 | 48.6 | 150        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 4    | 15     | 59     | 1.02      | -0.128    | 3.97  | 0.01      | 0.007     | 0         | 49.9 | 48.2 | 49   | 150        | 144        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 4    | 25     | 59     | 0.938     | -0.069    | 3.97  | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 47.7 | 150        | 144        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 4    | 35     | 59     | 0.886     | -0.023    | 3.973 | 0.01      | 0.007     | 0         | 50.7 | 47.3 | 48.6 | 151        | 144        | 0          | 33     | 34     |
| 2009 | 6     | 30  | 4    | 45     | 59     | 0.971     | -0.108    | 3.973 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 48.2 | 151        | 144        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 4    | 55     | 59     | 0.994     | -0.138    | 3.97  | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 48.6 | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 5    | 5      | 59     | 0.961     | -0.072    | 3.973 | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 47.7 | 151        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 5    | 15     | 59     | 1.001     | -0.115    | 3.97  | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 48.2 | 151        | 145        | 0          | 33     | 34     |
| 2009 | 6     | 30  | 5    | 25     | 59     | 0.978     | -0.115    | 3.973 | 0.01      | 0.007     | 0         | 50.3 | 48.2 | 46.4 | 151        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 5    | 35     | 59     | 0.843     | -0.046    | 3.973 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 49   | 152        | 145        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 5    | 45     | 59     | 1.043     | -0.089    | 3.973 | 0.016     | 0.013     | 0         | 50.7 | 48.2 | 48.2 | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 5    | 55     | 59     | 0.932     | -0.043    | 3.973 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 47.7 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 6    | 5      | 59     | 0.942     | -0.049    | 3.973 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 47.7 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 6    | 15     | 59     | 1.001     | -0.095    | 3.973 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 49.5 | 152        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 6    | 25     | 59     | 0.997     | -0.135    | 3.973 | 0.013     | 0.01      | 0         | 50.7 | 48.6 | 47.3 | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 6    | 35     | 59     | 0.932     | -0.108    | 3.973 | 0.016     | 0.013     | 0         | 51.6 | 48.2 | 46   | 153        | 146        | 0          | 33     | 34     |
| 2009 | 6     | 30  | 6    | 45     | 59     | 1.001     | -0.121    | 3.973 | 0.016     | 0.013     | 0         | 51.2 | 48.2 | 47.7 | 152        | 146        | 0          | 33     | 34     |
| 2009 | 6     | 30  | 6    | 55     | 59     | 0.974     | -0.066    | 3.973 | 0.013     | 0.01      | 0         | 51.6 | 48.2 | 46.4 | 153        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 7    | 5      | 59     | 1.043     | -0.135    | 3.973 | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 47.3 | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 7    | 15     | 59     | 1.004     | -0.115    | 3.976 | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 46.4 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 7    | 25     | 59     | 0.942     | -0.098    | 3.976 | 0.016     | 0.016     | 0         | 51.2 | 48.2 | 49.5 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 7    | 35     | 59     | 0.971     | -0.135    | 3.976 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 48.2 | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 7    | 45     | 59     | 0.997     | -0.069    | 3.976 | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 46.9 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 7    | 55     | 59     | 0.912     | -0.052    | 3.976 | 0.01      | 0.007     | 0         | 50.7 | 49   | 46.4 | 152        | 146        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 8    | 5      | 59     | 0.961     | -0.154    | 3.976 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 45.2 | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 8    | 15     | 59     | 0.965     | -0.102    | 3.976 | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 45.2 | 152        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 8    | 25     | 59     | 0.909     | -0.056    | 3.976 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 49.5 | 152        | 145        | 0          | 33     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 30  | 8    | 35     | 59     | 0.991     | -0.108    | 3.976 | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 46.9 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 8    | 45     | 59     | 1.001     | -0.092    | 3.976 | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 46   | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 8    | 55     | 59     | 1.014     | -0.138    | 3.976 | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 46.9 | 152        | 145        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 9    | 5      | 59     | 0.935     | -0.125    | 3.98  | 0.016     | 0.013     | 0         | 51.2 | 48.2 | 47.3 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 9    | 15     | 59     | 0.984     | -0.089    | 3.976 | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 46.4 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 9    | 25     | 59     | 0.863     | 0.026     | 3.976 | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 47.7 | 153        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 9    | 35     | 59     | 0.955     | -0.151    | 3.98  | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 49   | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 9    | 45     | 59     | 0.988     | -0.092    | 3.98  | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 48.2 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 9    | 55     | 59     | 1.004     | -0.135    | 3.98  | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 46.9 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 10   | 5      | 59     | 0.991     | -0.138    | 3.98  | 0.013     | 0.01      | 0         | 50.7 | 48.6 | 49.5 | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 10   | 15     | 59     | 0.892     | -0.079    | 3.98  | 0.01      | 0.007     | 0         | 51.6 | 49   | 48.2 | 153        | 147        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 10   | 25     | 59     | 0.928     | -0.135    | 3.98  | 0.013     | 0.01      | 0         | 50.7 | 48.6 | 47.3 | 152        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 10   | 35     | 59     | 1.037     | -0.154    | 3.98  | 0.013     | 0.01      | 0         | 51.2 | 48.6 | 47.3 | 152        | 146        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 10   | 45     | 59     | 0.909     | -0.089    | 3.98  | 0.01      | 0.007     | 0         | 51.2 | 47.7 | 50.7 | 152        | 145        | 0          | 33     | 34     |
| 2009 | 6     | 30  | 10   | 55     | 59     | 0.965     | -0.118    | 3.98  | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 47.3 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 11   | 5      | 59     | 1.014     | -0.075    | 3.98  | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 46.4 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 11   | 15     | 59     | 0.978     | -0.112    | 3.98  | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 47.3 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 11   | 25     | 59     | 1.024     | -0.138    | 3.98  | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 48.2 | 152        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 11   | 35     | 59     | 0.912     | -0.125    | 3.98  | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 47.7 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 11   | 45     | 59     | 1.001     | -0.072    | 3.98  | 0.013     | 0.01      | 0         | 50.7 | 48.2 | 49.5 | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 11   | 55     | 59     | 0.961     | -0.118    | 3.98  | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 47.7 | 151        | 145        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 12   | 5      | 59     | 0.948     | -0.115    | 3.983 | 0.01      | 0.007     | 0         | 50.7 | 48.2 | 49   | 152        | 145        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 12   | 15     | 59     | 0.971     | -0.112    | 3.983 | 0.01      | 0.007     | 0         | 50.7 | 47.7 | 49   | 151        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 12   | 25     | 59     | 0.965     | -0.154    | 3.983 | 0.013     | 0.01      | 0         | 50.3 | 48.2 | 49   | 151        | 144        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 12   | 35     | 59     | 0.86      | -0.059    | 3.983 | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 49.9 | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 12   | 45     | 59     | 0.981     | -0.105    | 3.983 | 0.01      | 0.007     | 0         | 50.3 | 48.2 | 48.6 | 150        | 144        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 12   | 55     | 59     | 1.024     | -0.125    | 3.983 | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 46.9 | 150        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 13   | 5      | 59     | 0.984     | -0.112    | 3.983 | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 47.7 | 150        | 144        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 13   | 15     | 59     | 1.017     | -0.141    | 3.983 | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 49   | 151        | 144        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 13   | 25     | 59     | 0.981     | -0.098    | 3.983 | 0.013     | 0.01      | 0         | 49.9 | 48.2 | 48.6 | 150        | 144        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 13   | 35     | 59     | 0.971     | -0.125    | 3.983 | 0.013     | 0.01      | 0         | 50.3 | 47.3 | 51.2 | 150        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 13   | 45     | 59     | 1.001     | -0.135    | 3.983 | 0.01      | 0.007     | 0         | 49.9 | 48.2 | 49.9 | 150        | 144        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 13   | 55     | 59     | 1.017     | -0.154    | 3.983 | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 51.6 | 150        | 143        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 14   | 5      | 59     | 1.024     | -0.092    | 3.983 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 50.7 | 151        | 144        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 14   | 15     | 59     | 0.958     | -0.121    | 3.986 | 0.013     | 0.01      | 0         | 49.5 | 47.7 | 49.5 | 149        | 143        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 14   | 25     | 59     | 0.991     | -0.128    | 3.986 | 0.01      | 0.007     | 0         | 49.9 | 46.9 | 48.6 | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 14   | 35     | 59     | 0.997     | -0.095    | 3.986 | 0.01      | 0.007     | 0         | 49.9 | 46.9 | 48.6 | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 14   | 45     | 59     | 0.988     | -0.115    | 3.986 | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 47.7 | 149        | 142        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 14   | 55     | 59     | 0.978     | -0.079    | 3.986 | 0.01      | 0.007     | 0         | 50.3 | 47.7 | 49.9 | 150        | 143        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 15   | 5      | 59     | 1.017     | -0.128    | 3.986 | 0.016     | 0.013     | 0         | 50.3 | 47.7 | 51.2 | 150        | 143        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 15   | 15     | 59     | 0.991     | -0.128    | 3.986 | 0.01      | 0.007     | 0         | 49.9 | 46.9 | 50.3 | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 15   | 25     | 59     | 1.01      | -0.135    | 3.986 | 0.01      | 0.007     | 0         | 49.5 | 47.3 | 49.5 | 149        | 142        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 15   | 35     | 59     | 1.007     | -0.118    | 3.986 | 0.013     | 0.01      | 0         | 49.9 | 47.3 | 50.7 | 149        | 142        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 15   | 45     | 59     | 1.03      | -0.121    | 3.986 | 0.013     | 0.01      | 0         | 49.9 | 46.9 | 49   | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 15   | 55     | 59     | 1.02      | -0.128    | 3.986 | 0.016     | 0.013     | 0         | 49.9 | 46.9 | 49   | 148        | 141        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 16   | 5      | 59     | 0.965     | -0.148    | 3.986 | 0.01      | 0.007     | 0         | 49.5 | 46.9 | 49.5 | 148        | 141        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 16   | 15     | 59     | 0.981     | -0.079    | 3.986 | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 49.9 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 16   | 25     | 59     | 0.853     | -0.023    | 3.986 | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 51.2 | 148        | 141        | 0          | 33     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 30  | 16   | 35     | 59     | 1.004     | -0.089    | 3.986 | 0.01      | 0.007     | 0         | 49   | 46.9 | 52   | 147        | 141        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 16   | 45     | 59     | 0.997     | -0.069    | 3.986 | 0.01      | 0.007     | 0         | 49.5 | 46.9 | 51.2 | 148        | 141        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 16   | 55     | 59     | 0.974     | -0.036    | 3.986 | 0.01      | 0.007     | 0         | 49.9 | 46.9 | 49.9 | 148        | 141        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 17   | 5      | 59     | 1.004     | -0.121    | 3.986 | 0.01      | 0.007     | 0         | 49.9 | 46.9 | 50.7 | 148        | 141        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 17   | 15     | 59     | 0.889     | -0.02     | 3.986 | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 50.7 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 17   | 25     | 59     | 0.948     | -0.102    | 3.986 | 0.013     | 0.01      | 0         | 49.9 | 46.4 | 49.9 | 149        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 17   | 35     | 59     | 0.974     | -0.092    | 3.986 | 0.01      | 0.007     | 0         | 49.9 | 46.4 | 49.9 | 148        | 141        | 0          | 32     | 33     |
| 2009 | 6     | 30  | 17   | 45     | 59     | 0.873     | -0.02     | 3.986 | 0.013     | 0.01      | 0         | 49.5 | 46.9 | 51.6 | 148        | 141        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 17   | 55     | 59     | 0.948     | -0.082    | 3.986 | 0.013     | 0.01      | 0         | 49   | 46.9 | 51.2 | 147        | 141        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 18   | 5      | 59     | 0.955     | -0.062    | 3.986 | 0.01      | 0.007     | 0         | 49   | 46.4 | 51.6 | 147        | 140        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 18   | 15     | 59     | 0.935     | -0.092    | 3.986 | 0.013     | 0.01      | 0         | 49   | 46.9 | 51.2 | 147        | 141        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 18   | 25     | 59     | 0.837     | -0.026    | 3.986 | 0.01      | 0.007     | 0         | 49.5 | 46.9 | 49.9 | 148        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 18   | 35     | 59     | 0.971     | -0.082    | 3.986 | 0.01      | 0.007     | 0         | 48.6 | 46.4 | 49   | 147        | 141        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 18   | 45     | 59     | 0.948     | -0.075    | 3.986 | 0.013     | 0.01      | 0         | 49.5 | 46.9 | 49.5 | 148        | 141        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 18   | 55     | 59     | 0.787     | 0.046     | 3.986 | 0.013     | 0.01      | 0         | 49.5 | 46.9 | 49.9 | 148        | 141        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 19   | 5      | 59     | 0.951     | -0.052    | 3.986 | 0.013     | 0.01      | 0         | 49.5 | 46.4 | 50.3 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 19   | 15     | 59     | 0.896     | -0.046    | 3.99  | 0.013     | 0.01      | 0         | 49.5 | 46.4 | 48.6 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 19   | 25     | 59     | 0.883     | -0.069    | 3.99  | 0.01      | 0.007     | 0         | 49.5 | 46.9 | 52.5 | 148        | 141        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 19   | 35     | 59     | 0.919     | -0.046    | 3.986 | 0.016     | 0.013     | 0         | 49.9 | 47.3 | 49.9 | 149        | 142        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 19   | 45     | 59     | 0.919     | -0.013    | 3.986 | 0.01      | 0.007     | 0         | 49.5 | 47.3 | 48.6 | 149        | 142        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 19   | 55     | 59     | 0.846     | -0.016    | 3.99  | 0.016     | 0.013     | 0         | 50.3 | 47.7 | 49.9 | 149        | 143        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 20   | 5      | 59     | 0.974     | -0.069    | 3.99  | 0.013     | 0.01      | 0         | 50.3 | 47.3 | 47.7 | 150        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 20   | 15     | 59     | 0.886     | -0.02     | 3.99  | 0.01      | 0.007     | 0         | 50.3 | 47.3 | 49   | 149        | 143        | 0          | 32     | 33     |
| 2009 | 6     | 30  | 20   | 25     | 59     | 0.965     | -0.066    | 3.99  | 0.013     | 0.01      | 0         | 49.9 | 47.3 | 48.2 | 149        | 142        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 20   | 35     | 59     | 0.82      | 0.02      | 3.99  | 0.01      | 0.007     | 0         | 49.9 | 47.3 | 50.3 | 149        | 142        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 20   | 45     | 59     | 0.906     | -0.049    | 3.99  | 0.013     | 0.01      | 0         | 49.9 | 46.9 | 49.9 | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 20   | 55     | 59     | 0.932     | -0.066    | 3.99  | 0.013     | 0.01      | 0         | 49.5 | 46.9 | 48.6 | 148        | 141        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 21   | 5      | 59     | 0.981     | -0.112    | 3.99  | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 48.2 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 21   | 15     | 59     | 1.01      | -0.102    | 3.99  | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 49.9 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 21   | 25     | 59     | 0.814     | -0.016    | 3.99  | 0.01      | 0.007     | 0         | 49.5 | 47.3 | 48.6 | 148        | 142        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 21   | 35     | 59     | 0.991     | -0.164    | 3.99  | 0.013     | 0.01      | 0         | 49   | 46.4 | 47.7 | 147        | 140        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 21   | 45     | 59     | 0.925     | -0.036    | 3.99  | 0.016     | 0.013     | 0         | 49.5 | 46.9 | 49.9 | 148        | 141        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 21   | 55     | 59     | 0.817     | -0.016    | 3.99  | 0.01      | 0.007     | 0         | 49.5 | 47.3 | 51.2 | 148        | 142        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 22   | 5      | 59     | 0.981     | -0.069    | 3.99  | 0.01      | 0.007     | 0         | 49.9 | 46.9 | 49   | 148        | 141        | 0          | 32     | 32     |
| 2009 | 6     | 30  | 22   | 15     | 59     | 0.807     | -0.007    | 3.99  | 0.013     | 0.01      | 0         | 49.9 | 47.3 | 49.5 | 149        | 142        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 22   | 25     | 59     | 0.955     | -0.079    | 3.99  | 0.013     | 0.01      | 0         | 49.5 | 46.9 | 48.6 | 149        | 142        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 22   | 35     | 59     | 0.794     | 0.026     | 3.99  | 0.01      | 0.007     | 0         | 49.9 | 47.7 | 49.5 | 149        | 143        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 22   | 45     | 59     | 0.915     | 0         | 3.99  | 0.01      | 0.007     | 0         | 50.3 | 47.3 | 48.6 | 150        | 143        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 22   | 55     | 59     | 0.869     | -0.049    | 3.99  | 0.01      | 0.007     | 0         | 49.9 | 46.9 | 49.9 | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 23   | 5      | 59     | 0.837     | -0.049    | 3.99  | 0.01      | 0.007     | 0         | 49.9 | 46.9 | 47.7 | 149        | 142        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 23   | 15     | 59     | 0.968     | -0.075    | 3.99  | 0.013     | 0.01      | 0         | 49.5 | 46.9 | 47.7 | 149        | 142        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 23   | 25     | 59     | 0.781     | 0.003     | 3.99  | 0.01      | 0.007     | 0         | 49.5 | 47.3 | 47.7 | 149        | 142        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 23   | 35     | 59     | 0.912     | -0.075    | 3.99  | 0.01      | 0.007     | 0         | 49.5 | 46.4 | 48.2 | 148        | 141        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 23   | 45     | 59     | 0.892     | -0.043    | 3.99  | 0.01      | 0.007     | 0         | 49.5 | 47.3 | 47.3 | 148        | 142        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 23   | 55     | 59     | 0.814     | 0         | 3.993 | 0.01      | 0.007     | 0         | 49.9 | 46.9 | 48.6 | 149        | 142        | 0          | 33     | 33     |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 1   | 0    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 0    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 0    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 0    | 33     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 0    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 0    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 1    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 1    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 1    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 1    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 1    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 1    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 2    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 2    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 2    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 2    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 2    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 2    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 3    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 3    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 3    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 3    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 3    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 3    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 4    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12      |
| 2009 | 6     | 1   | 4    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 4    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 4    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 4    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 4    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 5    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 5    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 5    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 5    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12      |
| 2009 | 6     | 1   | 5    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 5    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 6    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 6    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 6    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12      |
| 2009 | 6     | 1   | 6    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 6    | 43     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 6    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 7    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 7    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 7    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 7    | 33     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 7    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 7    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 1   | 8    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 8    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 8    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 8    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 8    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 8    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 9    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 9    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 9    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 9    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 9    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 9    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 10   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 10   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 10   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 10   | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 10   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 10   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 11   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 11   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 11   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 11   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 11   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 11   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 12   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 12   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 12   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 12   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 12   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 12   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 13   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 13   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 13   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 13   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 13   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 13   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 14   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 14   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 14   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 14   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 14   | 43     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 14   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 15   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 15   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 15   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 15   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 15   | 43     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 15   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 1   | 16   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 16   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 16   | 23     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 16   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 16   | 43     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 16   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 17   | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 17   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 17   | 23     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 17   | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 17   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 17   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 18   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 18   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 18   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 18   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 18   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 18   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 19   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 19   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 19   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 19   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 19   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 19   | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 20   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 20   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 20   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 20   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 20   | 43     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 20   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 21   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12      |
| 2009 | 6     | 1   | 21   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 21   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 21   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 21   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12      |
| 2009 | 6     | 1   | 21   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 22   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 22   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 22   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 22   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 22   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 22   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 23   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 23   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 23   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 23   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 23   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 23   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 2   | 0    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 0    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 0    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 0    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 0    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12      |
| 2009 | 6     | 2   | 0    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 1    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 1    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 1    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 1    | 33     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 1    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 1    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 2    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 2    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 2    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 2    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 2    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 2    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 3    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12      |
| 2009 | 6     | 2   | 3    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 3    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 3    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 3    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 3    | 53     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12      |
| 2009 | 6     | 2   | 4    | 3      | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 4    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 4    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 4    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 4    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 4    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 5    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 5    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12      |
| 2009 | 6     | 2   | 5    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 5    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 5    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 5    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 6    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 6    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 6    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 6    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 6    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 12      |
| 2009 | 6     | 2   | 6    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 7    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 7    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 7    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 7    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 7    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 7    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 2   | 8    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 8    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 8    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 8    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 8    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 8    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 9    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 9    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 9    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 9    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 9    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 9    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 10   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 10   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 10   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 10   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 10   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 10   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 11   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 11   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 11   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 11   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 11   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 11   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 12   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 12   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 12   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 12   | 33     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 12   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 12   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 13   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 13   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 13   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 13   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 13   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 13   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 14   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 14   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 14   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 14   | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 14   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 14   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 15   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 15   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 15   | 23     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 15   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 15   | 43     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 15   | 53     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 2   | 16   | 3      | 45     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 16   | 13     | 45     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 16   | 23     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 16   | 33     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 16   | 43     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 16   | 53     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 17   | 3      | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 17   | 13     | 45     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 17   | 23     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 17   | 33     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 17   | 43     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 17   | 53     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 18   | 3      | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 18   | 13     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 18   | 23     | 45     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 18   | 33     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 18   | 43     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 18   | 53     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 19   | 3      | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 19   | 13     | 45     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 19   | 23     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 19   | 33     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 19   | 43     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 19   | 53     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 20   | 3      | 45     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 20   | 13     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 20   | 23     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 20   | 33     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 20   | 43     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 20   | 53     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 21   | 3      | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 21   | 13     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 21   | 23     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 21   | 33     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 21   | 43     | 45     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 21   | 53     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 22   | 3      | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 22   | 13     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 22   | 23     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 22   | 33     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 22   | 43     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 22   | 53     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 23   | 3      | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 23   | 13     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 23   | 23     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 23   | 33     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 23   | 43     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 23   | 53     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 3   | 0    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 0    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 0    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 0    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 0    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 0    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 1    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 1    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 1    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 1    | 33     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12      |
| 2009 | 6     | 3   | 1    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 1    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 2    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 2    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12      |
| 2009 | 6     | 3   | 2    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 2    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 2    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 2    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 3    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 3    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 3    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 3    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 3    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12      |
| 2009 | 6     | 3   | 3    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 4    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 4    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 4    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 4    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 4    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 4    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 5    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 5    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 5    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 5    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 5    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 5    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 6    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 6    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 6    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 6    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 6    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 6    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 7    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 7    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 7    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 7    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 7    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 7    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 3   | 8    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 12      |
| 2009 | 6     | 3   | 8    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 8    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 8    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 8    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 8    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 9    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 9    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 9    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 9    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 9    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 9    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 10   | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 12      |
| 2009 | 6     | 3   | 10   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 12      |
| 2009 | 6     | 3   | 10   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 10   | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 10   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 10   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 11   | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 11   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 11   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 11   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 11   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 11   | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 12   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 12   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 12   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 12   | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12.6    |
| 2009 | 6     | 3   | 12   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 12   | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 12.6    |
| 2009 | 6     | 3   | 13   | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 13   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 13   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 13   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 13   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 13   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 14   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 14   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 14   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 14   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 14   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 14   | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 15   | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 15   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 15   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 15   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 15   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 15   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 3   | 16   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 16   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 16   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 16   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 16   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 16   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 17   | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 17   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 17   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 17   | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 17   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 17   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 18   | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 18   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 18   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 18   | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 18   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 12      |
| 2009 | 6     | 3   | 18   | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 19   | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.49       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 19   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 19   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 19   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 19   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 19   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.2        | 0        | 0              | 12      |
| 2009 | 6     | 3   | 20   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 20   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 20   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 20   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 20   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 20   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 21   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 21   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 21   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 21   | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 21   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 21   | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 22   | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 22   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 22   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 22   | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 22   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 22   | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 23   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 23   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 23   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 23   | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 23   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 23   | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.93       | 0        | 0              | 11.8    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 4   | 0    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 0    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 0    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 0    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 0    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 0    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 1    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 1    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 1    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 1    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 1    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 1    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 2    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 2    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 2    | 23     | 45     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 2    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 2    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 2    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 3    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 3    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 3    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 3    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 3    | 43     | 45     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 3    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 4    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 4    | 13     | 45     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 4    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 4    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 4    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 4    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 5    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 5    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 5    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 5    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59          | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 5    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 5    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 6    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 6    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 6    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 6    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 6    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 6    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 7    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 7    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 7    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.51       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 7    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.5        | 0        | 0              | 12      |
| 2009 | 6     | 4   | 7    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.48       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 7    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.46       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 4   | 8    | 3      | 45     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 8    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 8    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.48       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 8    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.5        | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 8    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.51       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 8    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.55       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 9    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 9    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.62       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 9    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.68       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 9    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.73       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 9    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.8        | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 9    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.86       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 10   | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.93       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 10   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.02       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 10   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.11       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 10   | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.2        | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 10   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.29       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 10   | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.38       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 11   | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.5        | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 11   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.61       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 11   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.72       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 11   | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.85       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 11   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.97       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 11   | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.12       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 12   | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.24       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 12   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.39       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 12   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.51       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 12   | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.67       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 12   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.84       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 12   | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61          | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 13   | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.14       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 13   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.3        | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 13   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.47       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 13   | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 13   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.79       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 13   | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.92       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 14   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 14   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 14   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 14   | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.49       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 14   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 14   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 15   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 15   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 15   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 15   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 15   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 15   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 4   | 16   | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 16   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 16   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 16   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 16   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 16   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 17   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 17   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 17   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 17   | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 17   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 17   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 18   | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 18   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 18   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 18   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 18   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 18   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 19   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 19   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 19   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 19   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 19   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 19   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 20   | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 20   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 20   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 20   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 20   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 20   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 21   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 21   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 21   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 21   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 21   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 21   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 22   | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 22   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 22   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 22   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 22   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 22   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 23   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 23   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.4        | 0        | 0              | 12      |
| 2009 | 6     | 4   | 23   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 23   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 23   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 23   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 5   | 0    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 0    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 0    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.88       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 0    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.81       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 0    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.74       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 0    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 1    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.61       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 1    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.56       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 1    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.5        | 0        | 0              | 12      |
| 2009 | 6     | 5   | 1    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.43       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 1    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.38       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 1    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.32       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 2    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.29       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 2    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.21       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 2    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.14       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 2    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.11       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 2    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.05       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 2    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61          | 0        | 0              | 12      |
| 2009 | 6     | 5   | 3    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.94       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 3    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 3    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.84       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 3    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.76       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 3    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.71       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 3    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.67       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 4    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.6        | 0        | 0              | 12      |
| 2009 | 6     | 5   | 4    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.55       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 4    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.51       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 4    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.44       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 4    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.39       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 4    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.33       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 5    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.28       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 5    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.24       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 5    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.19       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 5    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.13       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 5    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.08       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 5    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.04       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 6    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.01       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 6    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.97       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 6    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.95       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 6    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.94       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 6    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.94       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 6    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.94       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 7    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.92       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 7    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.94       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 7    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 7    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 7    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 7    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.03       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 5   | 8    | 3      | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.01       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 8    | 13     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.03       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 8    | 23     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.01       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 8    | 33     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.03       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 8    | 43     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.04       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 8    | 53     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.04       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 9    | 3      | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 9    | 13     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 9    | 23     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.15       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 9    | 33     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.22       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 9    | 43     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.28       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 9    | 53     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.33       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 10   | 3      | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.37       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 10   | 13     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.39       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 10   | 23     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 10   | 33     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.48       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 10   | 43     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.53       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 10   | 53     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.58       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 11   | 3      | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.64       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 11   | 13     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.75       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 11   | 23     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.84       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 11   | 33     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.94       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 11   | 43     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.03       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 11   | 53     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.16       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 12   | 3      | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.27       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 12   | 13     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.38       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 12   | 23     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.5        | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 12   | 33     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 12   | 43     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.75       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 12   | 53     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.88       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 13   | 3      | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 13   | 13     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 13   | 23     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.29       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 13   | 33     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 13   | 43     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 13   | 53     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.64       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 14   | 3      | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 14   | 13     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 14   | 23     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 14   | 33     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 14   | 43     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 14   | 53     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 15   | 3      | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 15   | 13     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 15   | 23     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 15   | 33     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 15   | 43     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 15   | 53     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 5   | 16   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 16   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 16   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 16   | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 16   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 16   | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 17   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 17   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 17   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 17   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 17   | 43     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 17   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 18   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 18   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 18   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 18   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 18   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 18   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 19   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 19   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 19   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 19   | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 19   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 19   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 20   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 20   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 20   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 20   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 20   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 20   | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 21   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 21   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 21   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 21   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 21   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 21   | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 22   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 22   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 22   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 22   | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 22   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 22   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 23   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 23   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 23   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 23   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 12      |
| 2009 | 6     | 5   | 23   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 23   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.49       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 6   | 0    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 0    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.4        | 0        | 0              | 12      |
| 2009 | 6     | 6   | 0    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 0    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.29       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 0    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 0    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.19       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 1    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 1    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 1    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 1    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.97       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 1    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.92       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 1    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 2    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.81       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 2    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.77       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 2    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.72       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 2    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 2    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 2    | 53     | 45     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.59       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 3    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.54       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 3    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.5        | 0        | 0              | 12      |
| 2009 | 6     | 6   | 3    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.45       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 3    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.41       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 3    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.36       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 3    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.32       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 4    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.3        | 0        | 0              | 12      |
| 2009 | 6     | 6   | 4    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.27       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 4    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.23       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 4    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.2        | 0        | 0              | 12      |
| 2009 | 6     | 6   | 4    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.16       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 4    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.14       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 5    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.11       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 5    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.09       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 5    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.07       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 5    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.03       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 5    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.03       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 5    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.02       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 6    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.98       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 6    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.96       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 6    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.94       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 6    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.93       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 6    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.91       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 6    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.91       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 7    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 7    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 7    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 7    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 7    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.85       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 7    | 53     | 45     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.85       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 6   | 8    | 3      | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.85       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 8    | 13     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.85       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 8    | 23     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.85       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 8    | 33     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 8    | 43     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 8    | 53     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.91       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 9    | 3      | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.93       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 9    | 13     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.94       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 9    | 23     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 9    | 33     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61          | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 9    | 43     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 9    | 53     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 10   | 3      | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 10   | 13     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 10   | 23     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.14       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 10   | 33     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.18       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 10   | 43     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.21       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 10   | 53     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.25       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 11   | 3      | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.29       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 11   | 13     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 11   | 23     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.48       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 11   | 33     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.57       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 11   | 43     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.7        | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 11   | 53     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 12   | 3      | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 12   | 13     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 12   | 23     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 12   | 33     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 12   | 43     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 12   | 53     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 13   | 3      | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 13   | 13     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 13   | 23     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 13   | 33     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 13   | 43     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 13   | 53     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 14   | 3      | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 14   | 13     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 14   | 23     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 14   | 33     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 14   | 43     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 14   | 53     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 15   | 3      | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 15   | 13     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 15   | 23     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 15   | 33     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 15   | 43     | 45     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 15   | 53     | 45     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12.8    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 6   | 16   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 16   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 16   | 23     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 16   | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 16   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 16   | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 17   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 17   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 17   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 17   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 17   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 17   | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 18   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 18   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 18   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 18   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 18   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 18   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 19   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 19   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 19   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 19   | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 19   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 19   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 20   | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 20   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 20   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 20   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 20   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 20   | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 21   | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 21   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 21   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 21   | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 21   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 21   | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 22   | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 22   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 22   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 22   | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 22   | 43     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 22   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 23   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 23   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 23   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 23   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 23   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 23   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 7   | 0    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 0    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 12      |
| 2009 | 6     | 7   | 0    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 0    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 0    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 0    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 1    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 1    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 1    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 1    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 12      |
| 2009 | 6     | 7   | 1    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 1    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 2    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 2    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 2    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 2    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.19       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 2    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 2    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 3    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.99       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 3    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.92       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 3    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 3    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.77       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 3    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.7        | 0        | 0              | 12      |
| 2009 | 6     | 7   | 3    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.65       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 4    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.57       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 4    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.5        | 0        | 0              | 12      |
| 2009 | 6     | 7   | 4    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.45       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 4    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.39       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 4    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.34       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 4    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.29       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 5    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.23       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 5    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 5    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.16       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 5    | 33     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.11       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 5    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.07       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 5    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.03       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 6    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61          | 0        | 0              | 12      |
| 2009 | 6     | 7   | 6    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 6    | 23     | 45     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.94       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 6    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.93       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 6    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.91       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 6    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 7    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 7    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 7    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 7    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 7    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 7    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 7   | 8    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.91       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 8    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 8    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 8    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.02       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 8    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.07       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 8    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.11       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 9    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.16       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 9    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.2        | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 9    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.29       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 9    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 9    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.43       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 9    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.52       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 10   | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.61       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 10   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.7        | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 10   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.79       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 10   | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.9        | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 10   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.01       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 10   | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.11       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 11   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 11   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 11   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 11   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 11   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 11   | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 12   | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 12   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 12   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 12   | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 12   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 12   | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 13   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 13   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 13   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 13   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 13   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 13   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 14   | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 14   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 14   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 14   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 14   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 14   | 53     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 15   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 15   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 15   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 15   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 15   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 15   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 7   | 16   | 3      | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 16   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 16   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 16   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 16   | 43     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 16   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 17   | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 17   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 17   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 17   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 17   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 17   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 18   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 18   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 18   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 18   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 18   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 18   | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 19   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 19   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 19   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 19   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 19   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 19   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 20   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 20   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 20   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 20   | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 20   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 20   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 21   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 21   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 21   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 21   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 21   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 21   | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 22   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 22   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 22   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 22   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 22   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 22   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 23   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 23   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 23   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 23   | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 23   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 23   | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 8   | 0    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 0    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 0    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 0    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 0    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 0    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12      |
| 2009 | 6     | 8   | 1    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 1    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 1    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 1    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 1    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 1    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 2    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 2    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 2    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 12      |
| 2009 | 6     | 8   | 2    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 2    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 2    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 3    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 3    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 3    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 12      |
| 2009 | 6     | 8   | 3    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 3    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 3    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 4    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 4    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 4    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 4    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 4    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 4    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 5    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 5    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 5    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.49       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 5    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 5    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 5    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 6    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 6    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.29       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 6    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 6    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.2        | 0        | 0              | 12      |
| 2009 | 6     | 8   | 6    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.19       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 6    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 7    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.11       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 7    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 7    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 7    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 7    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.01       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 7    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.01       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 8   | 8    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 8    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 8    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 8    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 8    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 8    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 9    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 9    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 9    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.29       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 9    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 9    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 9    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 10   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 10   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 10   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 10   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 10   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 10   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 11   | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 11   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 11   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 11   | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 11   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 11   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 12   | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 13      |
| 2009 | 6     | 8   | 12   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 12   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 12   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 12   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 12   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 13   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 13   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 13   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 13   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 13   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 13   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 14   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 14   | 13     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 14   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 14   | 33     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 13      |
| 2009 | 6     | 8   | 14   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 14   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 15   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 15   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 15   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 15   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 15   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 15   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 8   | 16   | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 16   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 16   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 16   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 16   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 16   | 53     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 17   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 17   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 17   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 17   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 17   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 17   | 53     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 18   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 18   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 18   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 18   | 33     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 18   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 18   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 19   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 19   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 19   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 19   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 19   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 19   | 53     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 20   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 20   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 20   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 20   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 20   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 20   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 21   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 21   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 21   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 21   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 21   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 21   | 53     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 22   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 22   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 22   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 22   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 22   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 22   | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 23   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 23   | 13     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 23   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 23   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 23   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 23   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 9   | 0    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 0    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 0    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 0    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 0    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 0    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 1    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 1    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 1    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 1    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 1    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 1    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 2    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 2    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 2    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 2    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 2    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 2    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 3    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 3    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 3    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 3    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 3    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 3    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 4    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 4    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 4    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 4    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 4    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 4    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 5    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12      |
| 2009 | 6     | 9   | 5    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 5    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 5    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 5    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 5    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 6    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 6    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 6    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 6    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 6    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 6    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 7    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 7    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 7    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 7    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 7    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 7    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 12.4    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 9   | 8    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 8    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 8    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 8    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 8    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 8    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 9    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 9    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 9    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 9    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 9    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 9    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 10   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 10   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 10   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 10   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 10   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 10   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 11   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 11   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 11   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 13.2    |
| 2009 | 6     | 9   | 11   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 13.2    |
| 2009 | 6     | 9   | 11   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 13.2    |
| 2009 | 6     | 9   | 11   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 12   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 13.2    |
| 2009 | 6     | 9   | 12   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 13.2    |
| 2009 | 6     | 9   | 12   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 12   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 12   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 12   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 13.2    |
| 2009 | 6     | 9   | 13   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 13   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 13   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 13.2    |
| 2009 | 6     | 9   | 13   | 33     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 13.2    |
| 2009 | 6     | 9   | 13   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 13   | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 14   | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 14   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 14   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 14   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 14   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 13.2    |
| 2009 | 6     | 9   | 14   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 15   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 13.6    |
| 2009 | 6     | 9   | 15   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 13.2    |
| 2009 | 6     | 9   | 15   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 15   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 15   | 43     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 15   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 9   | 16   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 16   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 16   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 16   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 16   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 16   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 17   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 17   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 17   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 17   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 17   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 17   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 18   | 3      | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 18   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 18   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 18   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 18   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 18   | 53     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 19   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 19   | 13     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 19   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 19   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 19   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 19   | 53     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 20   | 3      | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 20   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 20   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 20   | 33     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 20   | 43     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 20   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 21   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 21   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 21   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 21   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 21   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 21   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 22   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 22   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 22   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 22   | 33     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 22   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 22   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 23   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 23   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 23   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 23   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 23   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 23   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 10  | 0    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 0    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 0    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 0    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 0    | 43     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 0    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12      |
| 2009 | 6     | 10  | 1    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 1    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 1    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 1    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 1    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 1    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 2    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 2    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 2    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 2    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 2    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 2    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 3    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 3    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 3    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12      |
| 2009 | 6     | 10  | 3    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 3    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 3    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 4    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12      |
| 2009 | 6     | 10  | 4    | 13     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 4    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 4    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 4    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 4    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12      |
| 2009 | 6     | 10  | 5    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 5    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 5    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 5    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 5    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 5    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12      |
| 2009 | 6     | 10  | 6    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 6    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 6    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 6    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 6    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 6    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 7    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 7    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 7    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 7    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 7    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 7    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 10  | 8    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 8    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 8    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 8    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 8    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 8    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 9    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 9    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 9    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 9    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 9    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 9    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 10   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 10   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 10   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 10   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 10   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 10   | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 11   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 11   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 11   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 11   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 11   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 11   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 12   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 12   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 12   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 12   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 13      |
| 2009 | 6     | 10  | 12   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 13      |
| 2009 | 6     | 10  | 12   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 13      |
| 2009 | 6     | 10  | 13   | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 13      |
| 2009 | 6     | 10  | 13   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 13   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 13   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 13   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 13      |
| 2009 | 6     | 10  | 13   | 53     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 13      |
| 2009 | 6     | 10  | 14   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 14   | 13     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 14   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 14   | 33     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 14   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 14   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 15   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 15   | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 13      |
| 2009 | 6     | 10  | 15   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 13      |
| 2009 | 6     | 10  | 15   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 15   | 43     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 15   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 10  | 16   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 16   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 16   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 16   | 33     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 16   | 43     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 16   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 17   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 17   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 17   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 17   | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 17   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 17   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 18   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 18   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 18   | 23     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 18   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 18   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 18   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 19   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 19   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 19   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 19   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 19   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 19   | 53     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 20   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 20   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 20   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 20   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 20   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 20   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 21   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 21   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 21   | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 21   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 21   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 21   | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 22   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 22   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 22   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 22   | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 22   | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 22   | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 23   | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 23   | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12      |
| 2009 | 6     | 10  | 23   | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 23   | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 23   | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 23   | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 11  | 0    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 0    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 0    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 0    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 0    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 0    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 1    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 1    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 1    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 1    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 1    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 1    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 2    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 2    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 2    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 2    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 2    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 2    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 3    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 3    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 3    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 3    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 3    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 3    | 53     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 4    | 3      | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 4    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 4    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 4    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 4    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 4    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 12      |
| 2009 | 6     | 11  | 5    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 5    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 5    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 5    | 33     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 5    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 5    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 6    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 6    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 6    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 6    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 6    | 43     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 6    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 7    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 7    | 13     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 7    | 23     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 7    | 33     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 7    | 43     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 7    | 53     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 11  | 8    | 3      | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 8    | 13     | 45     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 8    | 23     | 45     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 8    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 8    | 51     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 9    | 1      | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 9    | 11     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 9    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 9    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 9    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 9    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 10   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 10   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 10   | 21     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 10   | 31     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 10   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 10   | 51     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 11   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 11   | 11     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 11   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 13      |
| 2009 | 6     | 11  | 11   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 11   | 41     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 11   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 12   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 12   | 11     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 12   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 13.2    |
| 2009 | 6     | 11  | 12   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 13.2    |
| 2009 | 6     | 11  | 12   | 41     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 12   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 13   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 13   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 13   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 13   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 13   | 41     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 13   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 14   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 14   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 14   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 14   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 13.2    |
| 2009 | 6     | 11  | 14   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 14   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 15   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 15   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 15   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 15   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 15   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 15   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 16   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 13.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 11  | 16   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 13.2    |
| 2009 | 6     | 11  | 16   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 13.2    |
| 2009 | 6     | 11  | 16   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 16   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 16   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 17   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 17   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 17   | 21     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 17   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 17   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 17   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 18   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 18   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 18   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 18   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 18   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 18   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 19   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 19   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 19   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 19   | 31     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 19   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 19   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 20   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 20   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 20   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 20   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 20   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 20   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 21   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 21   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 21   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 21   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 21   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 21   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 22   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 22   | 11     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 22   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 22   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 22   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 22   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 23   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 23   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 23   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 23   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 23   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 23   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 0    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.2    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 12  | 0    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 0    | 21     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 0    | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 0    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 0    | 51     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 1    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 1    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 1    | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 1    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 1    | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 1    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 2    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 2    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 2    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 2    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 2    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 2    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 3    | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12      |
| 2009 | 6     | 12  | 3    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 3    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 3    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 3    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 3    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 4    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 4    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 4    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 4    | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 4    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 4    | 51     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 5    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 5    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 5    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 5    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 5    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 5    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 6    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 6    | 11     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 6    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 6    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 6    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 6    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 7    | 1      | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 7    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 7    | 21     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 7    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 7    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 7    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 8    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 12  | 8    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 8    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 8    | 31     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 8    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 8    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 9    | 1      | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 9    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 9    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 9    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 9    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 9    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 10   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 10   | 11     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 10   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 10   | 31     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 10   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 10   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 11   | 1      | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 11   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 11   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 11   | 31     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 11   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 11   | 51     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 12   | 1      | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 12   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 13      |
| 2009 | 6     | 12  | 12   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 12   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 12   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 12   | 51     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 13   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 13   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 13      |
| 2009 | 6     | 12  | 13   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 13.2    |
| 2009 | 6     | 12  | 13   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 13.2    |
| 2009 | 6     | 12  | 13   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 13   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 14   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 14   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 13.2    |
| 2009 | 6     | 12  | 14   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 14   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 14   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 13.2    |
| 2009 | 6     | 12  | 14   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 15   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 15   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 15   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 15   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 15   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 15   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 16   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 12  | 16   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 16   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 16   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 16   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 16   | 51     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 17   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 17   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 17   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 17   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 17   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 17   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 18   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 18   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 18   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 18   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 18   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 18   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 19   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 19   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 19   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 19   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 19   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 19   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 20   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 20   | 11     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 20   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 20   | 31     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 20   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 20   | 51     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 21   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 21   | 11     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 21   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 21   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 21   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 21   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 22   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 22   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 22   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 22   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 22   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 22   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 23   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 23   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 23   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 23   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 23   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 23   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 0    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 13  | 0    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 0    | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 0    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 0    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 0    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 1    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 1    | 11     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 1    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 1    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 1    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12      |
| 2009 | 6     | 13  | 1    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 2    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 2    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 2    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 2    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 2    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 2    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 3    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 3    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 3    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 3    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 3    | 41     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 3    | 51     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 4    | 1      | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 4    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 4    | 21     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 4    | 31     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 4    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 4    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 5    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 5    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 5    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 5    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 5    | 41     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 5    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 6    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 6    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 6    | 21     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 6    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 6    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 6    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 7    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 7    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 7    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 7    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 7    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 7    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 8    | 1      | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 13  | 8    | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 8    | 21     | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 8    | 31     | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 8    | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 8    | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 9    | 1      | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 9    | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 9    | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 9    | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 9    | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 9    | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 10   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 10   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 10   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 10   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 10   | 41     | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 10   | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 11   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 13      |
| 2009 | 6     | 13  | 11   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 13      |
| 2009 | 6     | 13  | 11   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 13      |
| 2009 | 6     | 13  | 11   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 13      |
| 2009 | 6     | 13  | 11   | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 11   | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 12   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 12   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 13      |
| 2009 | 6     | 13  | 12   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 13      |
| 2009 | 6     | 13  | 12   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 12   | 41     | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 12   | 51     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 13   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 13      |
| 2009 | 6     | 13  | 13   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 13      |
| 2009 | 6     | 13  | 13   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 13   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 13   | 41     | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 13   | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 14   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 14   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 14   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 14   | 31     | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 14   | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 14   | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 15   | 1      | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 15   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 15   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 15   | 31     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 15   | 41     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 15   | 51     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 16   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 13.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 13  | 16   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 16   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 16   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 16   | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 16   | 51     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 13      |
| 2009 | 6     | 13  | 17   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 17   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 17   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 17   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 17   | 41     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 17   | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 18   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 18   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 18   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 18   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 18   | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 18   | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 19   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 19   | 11     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 19   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 19   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 19   | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 19   | 51     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 20   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 20   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 20   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 20   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 20   | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 20   | 51     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 21   | 1      | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 21   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 21   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 21   | 31     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 21   | 41     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 21   | 51     | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 22   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 22   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 22   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 22   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 22   | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 22   | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 23   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 23   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 23   | 21     | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 23   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 23   | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 23   | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 0    | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 14  | 0    | 11     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 0    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 0    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 0    | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 0    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 1    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 1    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 1    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 1    | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 1    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 1    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 2    | 1      | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12      |
| 2009 | 6     | 14  | 2    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 2    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 2    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 2    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 2    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 3    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 3    | 11     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 3    | 21     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 3    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 3    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 3    | 51     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 4    | 1      | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 4    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 4    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 4    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 4    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 4    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 5    | 1      | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 5    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 5    | 21     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 5    | 31     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 5    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 5    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 6    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 6    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 6    | 21     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 6    | 31     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 6    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 6    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 7    | 1      | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 7    | 11     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 7    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 7    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 7    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 7    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 8    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 14  | 8    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 8    | 21     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 8    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 8    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 8    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 9    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 9    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 9    | 21     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 9    | 31     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 9    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 9    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 10   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 10   | 11     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 10   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 10   | 31     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 10   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 10   | 51     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 11   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 11   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 11   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 11   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 11   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 11   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 12   | 1      | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 12   | 11     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 12   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 12   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 12   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 12   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 13   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 13   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 13   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 13   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 13   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 13   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 14   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 14   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 14   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 14   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 14   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 14   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 15   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 15   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 15   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 15   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 15   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 15   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 16   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 13.4    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 14  | 16   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 16   | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 16   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 16   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 16   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 17   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 17   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 17   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 17   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 17   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 17   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 18   | 1      | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 18   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 18   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 18   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 18   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 18   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 19   | 1      | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 19   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 19   | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 19   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 19   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 19   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 20   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 20   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 20   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 20   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 20   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 20   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 21   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 21   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 21   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 21   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 21   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 21   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 22   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 22   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 22   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 22   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 22   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 22   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 23   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 23   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 23   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 23   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 23   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 23   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 0    | 1      | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 15  | 0    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 0    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 0    | 31     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 0    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 0    | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 1    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 1    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 1    | 21     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 1    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 1    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 1    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 2    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 2    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 2    | 21     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 2    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 2    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 2    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 3    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 3    | 11     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 3    | 21     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 3    | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 3    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 3    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 4    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 4    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 4    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 4    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 4    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 4    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 5    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 5    | 11     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 5    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 5    | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 5    | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 5    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 6    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 6    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 6    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 6    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 6    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 6    | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 7    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 7    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 7    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 7    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 7    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 7    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 8    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 15  | 8    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 8    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 8    | 31     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 8    | 41     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 8    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 9    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 9    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 9    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 9    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 9    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 9    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 10   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 10   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 10   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 10   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 10   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 10   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 11   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 11   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 11   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 11   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 11   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 11   | 51     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 13      |
| 2009 | 6     | 15  | 12   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 13      |
| 2009 | 6     | 15  | 12   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 12   | 21     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 12   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 12   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 12   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 13   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 13   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 13   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 13   | 31     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 13   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 13   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 14   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 14   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 14   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 14   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 14   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 14   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 15   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 15   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 15   | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 15   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 15   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 15   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 16   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 15  | 16   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 16   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 16   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 16   | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 16   | 51     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 17   | 1      | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 17   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 17   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 17   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 17   | 41     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 17   | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 18   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 18   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 18   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 18   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 18   | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 18   | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 19   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 19   | 11     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 19   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 19   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 19   | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 19   | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 20   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 20   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 20   | 21     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 20   | 31     | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 20   | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 20   | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 21   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 21   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 21   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 21   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 21   | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 21   | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 22   | 1      | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 22   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 22   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 22   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 22   | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 22   | 51     | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 23   | 1      | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 23   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 23   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 23   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 23   | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 23   | 51     | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12      |
| 2009 | 6     | 16  | 0    | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 16  | 0    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 0    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 0    | 31     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 0    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 0    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 1    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 1    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 1    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12      |
| 2009 | 6     | 16  | 1    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 1    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 1    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 2    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 2    | 11     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 2    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 2    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 2    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12      |
| 2009 | 6     | 16  | 2    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 3    | 1      | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 3    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 3    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 3    | 31     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 3    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 3    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 4    | 1      | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12      |
| 2009 | 6     | 16  | 4    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 4    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 4    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 4    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 4    | 51     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 5    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 5    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 5    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 5    | 31     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 5    | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 5    | 51     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 6    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 12      |
| 2009 | 6     | 16  | 6    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 6    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 6    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 6    | 41     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 6    | 51     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 7    | 1      | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 7    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 7    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 7    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 7    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 7    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 8    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 16  | 8    | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 8    | 21     | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 8    | 31     | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 8    | 41     | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 8    | 51     | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 9    | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 9    | 11     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 9    | 21     | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 9    | 31     | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 9    | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 9    | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 10   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 12      |
| 2009 | 6     | 16  | 10   | 11     | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 10   | 21     | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 10   | 31     | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 10   | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 10   | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 11   | 1      | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 11   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 11   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 11   | 31     | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 11   | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 11   | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 12   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 12   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 12   | 21     | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 12   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 12   | 41     | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 12   | 51     | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 13   | 1      | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 13   | 11     | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 13   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 13   | 31     | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 13   | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 13   | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 14   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 14   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 14   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 14   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 14   | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 14   | 51     | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 15   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 15   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 15   | 21     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 15   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 15   | 41     | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 15   | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 16   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 16  | 16   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 16   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 16   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 16   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 16   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 17   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 17   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 17   | 21     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 17   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 17   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 17   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 18   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 18   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 18   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 18   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 18   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 18   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 19   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 19   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 19   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 19   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 19   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 19   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 20   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 20   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 20   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 20   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 20   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 20   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 21   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 21   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 21   | 21     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 21   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 21   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 21   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 22   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 22   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 22   | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 22   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 22   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 22   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 23   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 12      |
| 2009 | 6     | 16  | 23   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 23   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 23   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12      |
| 2009 | 6     | 16  | 23   | 41     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 23   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 0    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 17  | 0    | 11     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 0    | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 0    | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 0    | 41     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 0    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 1    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12      |
| 2009 | 6     | 17  | 1    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 1    | 21     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 1    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 1    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 1    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 2    | 1      | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 2    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 2    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 2    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 2    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12      |
| 2009 | 6     | 17  | 2    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 3    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 3    | 11     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 3    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 3    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 3    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 3    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 4    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 4    | 11     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 4    | 21     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12      |
| 2009 | 6     | 17  | 4    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 4    | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 4    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 5    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 5    | 11     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 5    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 5    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 5    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 5    | 51     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12      |
| 2009 | 6     | 17  | 6    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 6    | 11     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 6    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 6    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12      |
| 2009 | 6     | 17  | 6    | 41     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 6    | 51     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 7    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 7    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 7    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 7    | 31     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 12      |
| 2009 | 6     | 17  | 7    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 7    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 8    | 1      | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12.2    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 17  | 8    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 8    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 8    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 8    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 8    | 51     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 9    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 9    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 9    | 21     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 9    | 31     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 9    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 9    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 10   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 10   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 10   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 10   | 31     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 10   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 10   | 51     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 11   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 11   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 11   | 21     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 11   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 11   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 11   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 12   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 12   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 12   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 12   | 31     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 12   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 12   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 13      |
| 2009 | 6     | 17  | 13   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 13   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 13   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 13   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 13      |
| 2009 | 6     | 17  | 13   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 13      |
| 2009 | 6     | 17  | 13   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 14   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 14   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 14   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 14   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 14   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 14   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 15   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 15   | 11     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 15   | 21     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 15   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 15   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 15   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 16   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 17  | 16   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 16   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 16   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 16   | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 16   | 51     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 17   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 17   | 11     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 17   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 17   | 31     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 17   | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 17   | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 18   | 1      | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 18   | 11     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 18   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 18   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 18   | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 18   | 51     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 19   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 19   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 19   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 19   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 19   | 41     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 19   | 51     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 20   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 20   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 20   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 20   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 20   | 41     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 20   | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 21   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 21   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 21   | 21     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 21   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 21   | 41     | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 21   | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 22   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 22   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 22   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 22   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 22   | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 22   | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 23   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 23   | 11     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 23   | 21     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 23   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 23   | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12      |
| 2009 | 6     | 17  | 23   | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 0    | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 18  | 0    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 0    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 0    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 0    | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 0    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 1    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 1    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 1    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 1    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 1    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 1    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 2    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 2    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 2    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 2    | 31     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 2    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 2    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 3    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 3    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 3    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 3    | 31     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 3    | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 3    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 4    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 4    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 4    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 4    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 4    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 4    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 5    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 5    | 11     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 5    | 21     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 5    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 5    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 5    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 6    | 1      | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 6    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 6    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 6    | 31     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 6    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 6    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12      |
| 2009 | 6     | 18  | 7    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 7    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 7    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 7    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 7    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 7    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 8    | 1      | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 18  | 8    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 8    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 8    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 8    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 8    | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 9    | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 9    | 11     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 9    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 9    | 31     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 9    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 9    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 10   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 10   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 10   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 10   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 10   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 10   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 11   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 11   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 11   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 11   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 11   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 11   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 12   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 12   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 12   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 12   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 12   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 12   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 13   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 13   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 13   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 13   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 13   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 13   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 14   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 14   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 14   | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 14   | 31     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 14   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 14   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 15   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 15   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 15   | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 15   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 15   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 13      |
| 2009 | 6     | 18  | 15   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 16   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.28       | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 18  | 16   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 16   | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.44       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 16   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.53       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 16   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 16   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 17   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.69       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 17   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.74       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 17   | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.8        | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 17   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.85       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 17   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.89       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 17   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.92       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 18   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.94       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 18   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 18   | 21     | 28     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 18   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 18   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 18   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 19   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 19   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 19   | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 19   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 19   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 19   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 20   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 20   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 20   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 20   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 20   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 20   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 21   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 21   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 21   | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 21   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 21   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 21   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 22   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 22   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 22   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 22   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 22   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 22   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 23   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 23   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 23   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 23   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 23   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 23   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 0    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 19  | 0    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 0    | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 0    | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 0    | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 0    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 1    | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 1    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 1    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 1    | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 1    | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 1    | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 2    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 2    | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 2    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 2    | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 2    | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 2    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 3    | 1      | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 12      |
| 2009 | 6     | 19  | 3    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 3    | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 3    | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 3    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 3    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 4    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 4    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 4    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 4    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 4    | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12      |
| 2009 | 6     | 19  | 4    | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 5    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 5    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12      |
| 2009 | 6     | 19  | 5    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 5    | 31     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 5    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 5    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 6    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 6    | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 6    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 6    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 6    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 6    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 7    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 7    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 7    | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 7    | 31     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 7    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 7    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 8    | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 19  | 8    | 11     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 8    | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 8    | 31     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 8    | 41     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 8    | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 9    | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 9    | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 9    | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 9    | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 9    | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 9    | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 10   | 1      | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 10   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 10   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 10   | 31     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 10   | 41     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 10   | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 11   | 1      | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 11   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 11   | 21     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 11   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 11   | 41     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 11   | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 12   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 12   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 13      |
| 2009 | 6     | 19  | 12   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 12   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 12   | 41     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 12   | 51     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 13   | 1      | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 13   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 13   | 21     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 13   | 31     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 13   | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 13   | 51     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 14   | 1      | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 14   | 11     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.38       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 14   | 21     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 14   | 31     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 14   | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.67       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 14   | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.8        | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 15   | 1      | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.85       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 15   | 11     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.91       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 15   | 21     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.94       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 15   | 31     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 15   | 41     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 15   | 51     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.07       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 16   | 1      | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.1        | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 19  | 16   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.14       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 16   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.18       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 16   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.25       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 16   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.28       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 16   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.32       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 17   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 17   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 17   | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 17   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 17   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.3        | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 17   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.28       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 18   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.25       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 18   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 18   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 18   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 18   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 18   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 19   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 19   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 19   | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 19   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 19   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 19   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 20   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 20   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 20   | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 20   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 20   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 20   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 21   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 21   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 21   | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 21   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 21   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 21   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 22   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 22   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 22   | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 22   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 22   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 22   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 23   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 23   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 23   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 23   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 23   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 23   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 0    | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 12.2    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 20  | 0    | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 0    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 0    | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 0    | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 0    | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 1    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 1    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 1    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 1    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 1    | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 1    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 2    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12      |
| 2009 | 6     | 20  | 2    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 2    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 2    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 2    | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 2    | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 3    | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 3    | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12      |
| 2009 | 6     | 20  | 3    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 3    | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 3    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 3    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12      |
| 2009 | 6     | 20  | 4    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 4    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 4    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 4    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 4    | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 4    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 5    | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 5    | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 5    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 5    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12      |
| 2009 | 6     | 20  | 5    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 5    | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 6    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 6    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 6    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 6    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12      |
| 2009 | 6     | 20  | 6    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 6    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 7    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 7    | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 7    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 7    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 7    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 7    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 8    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 20  | 8    | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 8    | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 8    | 31     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 8    | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 8    | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 9    | 1      | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 9    | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 9    | 21     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 9    | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 9    | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 9    | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 10   | 1      | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 10   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 10   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 10   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 10   | 41     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 10   | 51     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 11   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 11   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 11   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 11   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 11   | 41     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 11   | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 12   | 1      | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 12   | 11     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 12   | 21     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 12   | 31     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 12   | 41     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 12   | 51     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 13   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 13   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 13   | 21     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 13   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 13   | 41     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 13   | 51     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.73       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 14   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.89       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 14   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 14   | 21     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.18       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 14   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.3        | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 14   | 41     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.43       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 14   | 51     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.57       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 15   | 1      | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.68       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 15   | 11     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.81       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 15   | 21     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.93       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 15   | 31     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.02       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 15   | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.13       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 15   | 51     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.22       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 16   | 1      | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.31       | 0        | 0              | 13.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 20  | 16   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.36       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 16   | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.44       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 16   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.49       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 16   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.54       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 16   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.58       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 17   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.62       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 17   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.63       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 17   | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 17   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 17   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.67       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 17   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.67       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 18   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.67       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 18   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 18   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 18   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 18   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 18   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 19   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 19   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 19   | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 19   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 19   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 19   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 20   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 20   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 20   | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 20   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 20   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 20   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 21   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 21   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 21   | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 21   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 21   | 41     | 28     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 21   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 22   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 22   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 22   | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 22   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 22   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 22   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 23   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 23   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 23   | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 23   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 23   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 23   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 0    | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 21  | 0    | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 0    | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 0    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 0    | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 0    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 1    | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 1    | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 1    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 1    | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 1    | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 1    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 2    | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 2    | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 2    | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 2    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 2    | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 2    | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 3    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12      |
| 2009 | 6     | 21  | 3    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 3    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 3    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 3    | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 3    | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 4    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 4    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 4    | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 4    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 4    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 4    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 5    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 5    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 5    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 5    | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 5    | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 5    | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 6    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12      |
| 2009 | 6     | 21  | 6    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 6    | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 6    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 6    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 6    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12      |
| 2009 | 6     | 21  | 7    | 1      | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 7    | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 7    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 7    | 31     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 7    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 7    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 8    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 21  | 8    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 8    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 8    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 8    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 8    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 9    | 1      | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 9    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 9    | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 9    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 9    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 9    | 51     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 10   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 10   | 11     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 10   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 10   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 10   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 13      |
| 2009 | 6     | 21  | 10   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 11   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 11   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 11   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 11   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 11   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 11   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 12   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 12   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 12   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 12   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 12   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 12   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 13   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 13   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 13   | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 13   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 13   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 13   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 14   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 14   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 14   | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 14   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 14   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 14   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 15   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 15   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 15   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 15   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 15   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 15   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 16   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 13.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 21  | 16   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 16   | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 16   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.44       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 16   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 16   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 17   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.53       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 17   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 17   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 17   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 17   | 41     | 28     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 17   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 18   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 18   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 18   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 18   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 18   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 18   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 19   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 19   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 19   | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 19   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 19   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 19   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 20   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 20   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 20   | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 20   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 20   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 20   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 21   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 21   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 21   | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 21   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 21   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 21   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 22   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 22   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 22   | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 22   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 22   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 22   | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 23   | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 23   | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 23   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 23   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 23   | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 23   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 0    | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 22  | 0    | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 0    | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 0    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 0    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 0    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 1    | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 1    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 1    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 1    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 1    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 1    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 2    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 2    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 2    | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 2    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 2    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 2    | 51     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 3    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 3    | 11     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 3    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 3    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 3    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 3    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 4    | 1      | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 4    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 4    | 21     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 4    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 4    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 4    | 51     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 5    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 5    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 5    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 5    | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 5    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 5    | 51     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 6    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 6    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 6    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 6    | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 6    | 41     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 6    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 7    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 7    | 11     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 7    | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 7    | 31     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 7    | 41     | 28     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 7    | 51     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 8    | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 22  | 8    | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 8    | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 8    | 31     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 8    | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 8    | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 9    | 1      | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 9    | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 9    | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 9    | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 9    | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 9    | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 10   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 10   | 11     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 10   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 10   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 10   | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 10   | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 11   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 11   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 11   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 11   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 13      |
| 2009 | 6     | 22  | 11   | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 11   | 51     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 12   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 12   | 11     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 12   | 21     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 12   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 12   | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 12   | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 13   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 13   | 11     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 13   | 21     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 13   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 13   | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 13   | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 14   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 14   | 11     | 28     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 14   | 21     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 14   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 14   | 41     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 14   | 51     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 15   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 15   | 11     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 15   | 21     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 15   | 31     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 15   | 41     | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 15   | 51     | 28     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 16   | 1      | 28     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 13.4    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 22  | 16   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 16   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 16   | 31     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 16   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 16   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 17   | 1      | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 17   | 11     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 17   | 21     | 28     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 17   | 31     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 17   | 41     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 17   | 51     | 28     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 10   | 30     | 50     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 10   | 40     | 50     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 10   | 50     | 50     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 13      |
| 2009 | 6     | 23  | 11   | 0      | 50     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 11   | 10     | 50     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 11   | 20     | 50     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 11   | 30     | 50     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 11   | 40     | 50     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 11   | 50     | 50     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 12   | 0      | 50     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 12   | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 12   | 15     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 12   | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 12   | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 12   | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 12   | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 13   | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 13   | 15     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 13   | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 13   | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 13   | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 13   | 55     | 59     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 14   | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 14   | 15     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 14   | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 14   | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 14   | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 14   | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 15   | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 15   | 15     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 15   | 25     | 59     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 15   | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 15   | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 15   | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 16   | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 16   | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 16   | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 13.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 23  | 16   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 16   | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 16   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 17   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 17   | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 17   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 17   | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 17   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 17   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 21   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 21   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 21   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 21   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 21   | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 21   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 22   | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 22   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 22   | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 22   | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 22   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 22   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 23   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 23   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 23   | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 23   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 23   | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 23   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 0    | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 0    | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 12      |
| 2009 | 6     | 24  | 0    | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 24  | 0    | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 0    | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 0    | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 4    | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 4    | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 4    | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 4    | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 4    | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 4    | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12      |
| 2009 | 6     | 24  | 5    | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 5    | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 5    | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 5    | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 5    | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 5    | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 6    | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 6    | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 6    | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12      |
| 2009 | 6     | 24  | 6    | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 6    | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 6    | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12      |
| 2009 | 6     | 24  | 7    | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 7    | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 7    | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 7    | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 7    | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 7    | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 8    | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 8    | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 8    | 25     | 59     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 24  | 8    | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 8    | 45     | 59     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 8    | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 9    | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 9    | 15     | 59     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 9    | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 9    | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 9    | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 9    | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 10   | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 10   | 15     | 59     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 10   | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 10   | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 10   | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 10   | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 11   | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 11   | 15     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 11   | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 11   | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 11   | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 11   | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 12   | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 12   | 15     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 12   | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 12   | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 12   | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 12   | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 13   | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 13      |
| 2009 | 6     | 24  | 13   | 15     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 13      |
| 2009 | 6     | 24  | 13   | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 13      |
| 2009 | 6     | 24  | 13   | 35     | 59     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 13   | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 13   | 55     | 59     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 14   | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 14   | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 14   | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 14   | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 14   | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 14   | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 15   | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 15   | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 15   | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 15   | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 15   | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 15   | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 16   | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 16   | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 16   | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 13.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 24  | 16   | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 16   | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 13      |
| 2009 | 6     | 24  | 16   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 17   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 17   | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 17   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 17   | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 17   | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 17   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 18   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 18   | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 18   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 18   | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 18   | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 18   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 21   | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 21   | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 21   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 21   | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 21   | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 21   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 22   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 22   | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 22   | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 22   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 22   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 22   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 23   | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 23   | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 23   | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 23   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 23   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 23   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 0    | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 0    | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 0    | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 25  | 0    | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 0    | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 0    | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 15     | 59     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 45     | 59     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 5    | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 5    | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 5    | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 5    | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 5    | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 5    | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 6    | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 6    | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 6    | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 6    | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 6    | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 6    | 55     | 59     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 7    | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 7    | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 7    | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 7    | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 7    | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 7    | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 8    | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 8    | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 8    | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 25  | 8    | 35     | 59     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 8    | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 8    | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 9    | 5      | 59     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 9    | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 9    | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 9    | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 9    | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 9    | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 10   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 10   | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 10   | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 10   | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 10   | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 10   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 11   | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 11   | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 11   | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 11   | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 11   | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 11   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 12   | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 12   | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 12   | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 12   | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 12   | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 12   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 13   | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 13   | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 13   | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 13      |
| 2009 | 6     | 25  | 13   | 35     | 59     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 13      |
| 2009 | 6     | 25  | 13   | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 13   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 14   | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 14   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 14   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 14   | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 14   | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 14   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 15   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 15   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 15   | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 15   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 15   | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 15   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 16   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 16   | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 16   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 13.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 25  | 16   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 16   | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 13      |
| 2009 | 6     | 25  | 16   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 17   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 17   | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 17   | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 17   | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 17   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 17   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 18   | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 18   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 18   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 18   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 18   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 18   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 21   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 21   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 21   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 21   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 21   | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 21   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 22   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 22   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 22   | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 22   | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 22   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 22   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 23   | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 23   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 23   | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 23   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 23   | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 23   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 0    | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 0    | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 0    | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 26  | 0    | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 0    | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 0    | 55     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 15     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 15     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 45     | 59     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 15     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 55     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 5    | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 5    | 15     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 5    | 25     | 59     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 5    | 35     | 59     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 5    | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 5    | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 6    | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 6    | 15     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 6    | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 6    | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 6    | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 6    | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 7    | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 7    | 15     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 7    | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 7    | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 7    | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 7    | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 8    | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 8    | 15     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 8    | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 26  | 8    | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 8    | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 8    | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 9    | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 9    | 15     | 59     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 9    | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 9    | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 9    | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 9    | 55     | 59     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 10   | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 10   | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 10   | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 10   | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 10   | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 10   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 11   | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 11   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 11   | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 11   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 11   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 11   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 12   | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 12   | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 12   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 12   | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 12   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 12   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 13   | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 13   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 13   | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 13   | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 13   | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 13   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 14   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 14   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 14   | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 14   | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 14   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 14   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.44       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 15   | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 15   | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.67       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 15   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 15   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.89       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 15   | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 15   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.07       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 16   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.16       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 16   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.23       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 16   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.3        | 0        | 0              | 13.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 26  | 16   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 16   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.39       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 16   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.46       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 17   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.48       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 17   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.54       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 17   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.57       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 17   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 17   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 17   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 18   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 18   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 18   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 18   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 18   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 18   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 21   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 21   | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 21   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 21   | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 21   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 21   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 22   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 22   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 22   | 25     | 59     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 22   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 22   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 22   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 23   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 23   | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 23   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 23   | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 23   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 23   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 0    | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 0    | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 0    | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 27  | 0    | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 0    | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 0    | 55     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 15     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 15     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 15     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 4    | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 4    | 15     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 4    | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 4    | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 4    | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 4    | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 5    | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 5    | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 5    | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 5    | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 5    | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 5    | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 6    | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12      |
| 2009 | 6     | 27  | 6    | 15     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 6    | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 6    | 35     | 59     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 6    | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 6    | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 7    | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 7    | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 7    | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 7    | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 7    | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 7    | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 8    | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 8    | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 8    | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 27  | 8    | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 8    | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 8    | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 9    | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 9    | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 9    | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 9    | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 9    | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 9    | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 10   | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 10   | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 10   | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 10   | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 10   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 10   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 11   | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 11   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 11   | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 11   | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 11   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 11   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 12   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 12   | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 12   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 12   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 12   | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 12   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 13   | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 13   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 13   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 13   | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 13   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 13   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 14   | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 14   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 14   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.8        | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 14   | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.92       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 14   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.07       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 14   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.18       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 15   | 5      | 59     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.28       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 15   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.39       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 15   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.5        | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 15   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.59       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 15   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.68       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 15   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.77       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 16   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.84       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 16   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.91       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 16   | 25     | 59     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.99       | 0        | 0              | 13.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 27  | 16   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.04       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 16   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.09       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 16   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.13       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 17   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 17   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.2        | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 17   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.24       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 17   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.26       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 17   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 17   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 18   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 18   | 15     | 59     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 18   | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 18   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 18   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 18   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 55     | 59     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 21   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 21   | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 21   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 21   | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 21   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 21   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 22   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 22   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 22   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 22   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 22   | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.83       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 22   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.74       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 23   | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 23   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 23   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 23   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 23   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 23   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 0    | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 0    | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 0    | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 28  | 0    | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 0    | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 0    | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 15     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 55     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 55     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 4    | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 4    | 15     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 4    | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 4    | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 4    | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 4    | 55     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 5    | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 5    | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 5    | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 5    | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 5    | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 5    | 55     | 59     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 6    | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 6    | 15     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 6    | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 6    | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 6    | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 6    | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 7    | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 7    | 15     | 59     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 7    | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 7    | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 7    | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 7    | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 8    | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 8    | 15     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 8    | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 28  | 8    | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 8    | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 8    | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 9    | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 9    | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 9    | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 9    | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 9    | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 9    | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 10   | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 10   | 15     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 10   | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 10   | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 10   | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 10   | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 11   | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 11   | 15     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 11   | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 11   | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 11   | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 11   | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 12   | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 12   | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 12   | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 12   | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 12   | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 12   | 55     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 13   | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 13   | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 13   | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 13   | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.83       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 13   | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 13      |
| 2009 | 6     | 28  | 13   | 55     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.16       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 14   | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.32       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 14   | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.48       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 14   | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.63       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 14   | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.77       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 14   | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.91       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 14   | 55     | 59     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.04       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 15   | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.17       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 15   | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.29       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 15   | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.42       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 15   | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.51       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 15   | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.62       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 15   | 55     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.71       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 16   | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.78       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 16   | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.87       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 16   | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.94       | 0        | 0              | 13      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 28  | 16   | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.99       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 16   | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.05       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 16   | 55     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.1        | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 17   | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.16       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 17   | 15     | 59     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.19       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 17   | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.21       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 17   | 35     | 59     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.23       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 17   | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 17   | 55     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 18   | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 18   | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 18   | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 18   | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 18   | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 18   | 55     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 45     | 59     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 55     | 59     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 20   | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 20   | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 20   | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 20   | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 20   | 45     | 59     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 20   | 55     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 21   | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 21   | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 21   | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 21   | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 21   | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 21   | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 22   | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 22   | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 22   | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 22   | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 22   | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 22   | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.77       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 23   | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.68       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 23   | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.63       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 23   | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.55       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 23   | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.48       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 23   | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.39       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 23   | 55     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 0    | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.27       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 0    | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.21       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 0    | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 29  | 0    | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 0    | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 0    | 55     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.92       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.85       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 15     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.73       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 55     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.38       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 15     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 4    | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 4    | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 4    | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 4    | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 4    | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 4    | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 5    | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 5    | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 5    | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 5    | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 5    | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 5    | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 6    | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 6    | 15     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 6    | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 6    | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 6    | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 12      |
| 2009 | 6     | 29  | 6    | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 7    | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 7    | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 7    | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 7    | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 7    | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 7    | 55     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 8    | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 8    | 15     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 8    | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 29  | 8    | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 8    | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 8    | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 9    | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 9    | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 9    | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 9    | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 9    | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 9    | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 10   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 10   | 15     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 10   | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 10   | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 10   | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 10   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 11   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 11   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 11   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 11   | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.64       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 11   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 11   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.91       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 12   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 12   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.1        | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 12   | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.23       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 12   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.37       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 12   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.45       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 12   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.57       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 13   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.64       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 13   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.73       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 13   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.86       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 13   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.93       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 13   | 45     | 59     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.02       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 13   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.13       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 14   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.2        | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 14   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.26       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 14   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.33       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 14   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 14   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.51       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 14   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.62       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 15   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.72       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 15   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.83       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 15   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.89       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 15   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.96       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 15   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.03       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 15   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.1        | 0        | 0              | 13      |
| 2009 | 6     | 29  | 16   | 5      | 59     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.14       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 16   | 15     | 59     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.21       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 16   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.23       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 29  | 16   | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.21       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 16   | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.21       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 16   | 55     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.21       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 17   | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.21       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 17   | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.19       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 17   | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 17   | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 17   | 45     | 59     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 17   | 55     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 55     | 59     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 20   | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 20   | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 20   | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 20   | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 20   | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 20   | 55     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 21   | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 21   | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 21   | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 21   | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 21   | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 21   | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 22   | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 22   | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 22   | 25     | 59     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 22   | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 22   | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.57       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 22   | 55     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.5        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.41       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.32       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.25       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.16       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.09       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.01       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 0    | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.94       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 0    | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.87       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 0    | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 30  | 0    | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.73       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 0    | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 0    | 55     | 59     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.44       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.38       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 3    | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 3    | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 3    | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 3    | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 3    | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 3    | 55     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 4    | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 4    | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 4    | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 4    | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 4    | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 4    | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 5    | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 5    | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 5    | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 5    | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 5    | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 5    | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 6    | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 6    | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 6    | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 6    | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 6    | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 6    | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 7    | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 7    | 15     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 7    | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 7    | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 7    | 45     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 7    | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 8    | 5      | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 8    | 15     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 8    | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 30  | 8    | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 8    | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 8    | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 9    | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 9    | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 9    | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 9    | 35     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 9    | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 9    | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 10   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 10   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 10   | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 10   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 10   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 10   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 11   | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 11   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 11   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.67       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 11   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.74       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 11   | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.82       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 11   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.91       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 12   | 5      | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 12   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.09       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 12   | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.19       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 12   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 12   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.41       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 12   | 55     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.5        | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 13   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.61       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 13   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.7        | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 13   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.81       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 13   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.88       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 13   | 45     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.97       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 13   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.09       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 14   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.24       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 14   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 14   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.51       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 14   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.62       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 14   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.76       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 14   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.87       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 15   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.98       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 15   | 15     | 59     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.1        | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 15   | 25     | 59     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 15   | 35     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.25       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 15   | 45     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.3        | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 15   | 55     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.34       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 16   | 5      | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.39       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 16   | 15     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.41       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 16   | 25     | 59     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 74.5        | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 30  | 16   | 35     | 59     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.55       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 16   | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 16   | 55     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.61       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 17   | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 17   | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 17   | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 17   | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 17   | 45     | 59     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 17   | 55     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 5      | 59     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 55     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 19   | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 19   | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 19   | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 19   | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 19   | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 19   | 55     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 20   | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 20   | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 20   | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 20   | 35     | 59     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 20   | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 20   | 55     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 21   | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 21   | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 21   | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 21   | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.01       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 21   | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.96       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 21   | 55     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.9        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 22   | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.85       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 22   | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.78       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 22   | 25     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.72       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 22   | 35     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.67       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 22   | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.6        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 22   | 55     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.54       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 5      | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.51       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 15     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.45       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 25     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.4        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 35     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.35       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 45     | 59     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.29       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 55     | 59     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.24       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 1   | 0    | 3      | 45     | 0.3       | 4.3     | 0.93  | 94        | 44.1167 | 36.3247 |
| 2009 | 6     | 1   | 0    | 13     | 45     | 0.3       | 4.3     | 1     | 94.3      | 44.1167 | 39.1807 |
| 2009 | 6     | 1   | 0    | 23     | 45     | 0.3       | 4.3     | 0.84  | 91.6      | 44.0832 | 32.6674 |
| 2009 | 6     | 1   | 0    | 33     | 45     | 0.3       | 4.3     | 0.94  | 92.4      | 44.0832 | 36.8146 |
| 2009 | 6     | 1   | 0    | 43     | 45     | 0.3       | 4.3     | 0.89  | 92.8      | 44.0496 | 34.5832 |
| 2009 | 6     | 1   | 0    | 53     | 45     | 0.3       | 4.3     | 0.94  | 91.8      | 44.0496 | 36.5261 |
| 2009 | 6     | 1   | 1    | 3      | 45     | 0.3       | 4.3     | 0.91  | 91.6      | 44.016  | 35.5909 |
| 2009 | 6     | 1   | 1    | 13     | 45     | 0.3       | 4.3     | 0.82  | 89.3      | 44.016  | 32.0982 |
| 2009 | 6     | 1   | 1    | 23     | 45     | 0.3       | 4.3     | 0.9   | 91.7      | 43.9824 | 35.0453 |
| 2009 | 6     | 1   | 1    | 33     | 45     | 0.3       | 4.3     | 1.03  | 94.9      | 43.9152 | 40.1573 |
| 2009 | 6     | 1   | 1    | 43     | 45     | 0.3       | 4.3     | 0.83  | 91.6      | 43.848  | 32.3565 |
| 2009 | 6     | 1   | 1    | 53     | 45     | 0.3       | 4.3     | 0.83  | 90.9      | 43.8143 | 32.3305 |
| 2009 | 6     | 1   | 2    | 3      | 45     | 0.3       | 4.3     | 1.09  | 95.7      | 43.7806 | 42.2204 |
| 2009 | 6     | 1   | 2    | 13     | 45     | 0.3       | 4.3     | 0.99  | 93.2      | 43.7469 | 38.323  |
| 2009 | 6     | 1   | 2    | 23     | 45     | 0.3       | 4.3     | 0.81  | 87        | 43.7469 | 31.251  |
| 2009 | 6     | 1   | 2    | 33     | 45     | 0.3       | 4.3     | 0.98  | 95.2      | 43.7133 | 37.7777 |
| 2009 | 6     | 1   | 2    | 43     | 45     | 0.3       | 4.3     | 1.06  | 97.1      | 43.7133 | 40.7366 |
| 2009 | 6     | 1   | 2    | 53     | 45     | 0.3       | 4.3     | 0.92  | 93.9      | 43.6796 | 35.692  |
| 2009 | 6     | 1   | 3    | 3      | 45     | 0.3       | 4.3     | 1.02  | 94.6      | 43.6796 | 39.5467 |
| 2009 | 6     | 1   | 3    | 13     | 45     | 0.3       | 4.3     | 1.02  | 99        | 43.6458 | 39.1295 |
| 2009 | 6     | 1   | 3    | 23     | 45     | 0.3       | 4.3     | 0.88  | 93        | 43.6458 | 33.9956 |
| 2009 | 6     | 1   | 3    | 33     | 45     | 0.3       | 4.3     | 1.05  | 96.5      | 43.6121 | 40.3815 |
| 2009 | 6     | 1   | 3    | 43     | 45     | 0.3       | 4.3     | 1     | 96.6      | 43.6121 | 38.5846 |
| 2009 | 6     | 1   | 3    | 53     | 45     | 0.3       | 4.3     | 0.94  | 94.4      | 43.6121 | 36.2756 |
| 2009 | 6     | 1   | 4    | 3      | 45     | 0.3       | 4.3     | 0.93  | 96.5      | 43.5784 | 35.8619 |
| 2009 | 6     | 1   | 4    | 13     | 45     | 0.3       | 4.3     | 0.97  | 93.9      | 43.5446 | 37.3694 |
| 2009 | 6     | 1   | 4    | 23     | 45     | 0.3       | 4.3     | 1.07  | 96.5      | 43.5108 | 40.9241 |
| 2009 | 6     | 1   | 4    | 33     | 45     | 0.3       | 4.3     | 0.97  | 94.7      | 43.5108 | 37.2112 |
| 2009 | 6     | 1   | 4    | 43     | 45     | 0.3       | 4.3     | 0.95  | 93.7      | 43.4432 | 36.6399 |
| 2009 | 6     | 1   | 4    | 53     | 45     | 0.3       | 4.3     | 1.05  | 97        | 43.3756 | 40.153  |
| 2009 | 6     | 1   | 5    | 3      | 45     | 0.3       | 4.3     | 0.99  | 96.8      | 43.3418 | 37.9526 |
| 2009 | 6     | 1   | 5    | 13     | 45     | 0.3       | 4.3     | 0.98  | 94.4      | 43.3418 | 37.5702 |
| 2009 | 6     | 1   | 5    | 23     | 45     | 0.3       | 4.3     | 1.08  | 97.7      | 43.3079 | 41.2349 |
| 2009 | 6     | 1   | 5    | 33     | 45     | 0.3       | 3.9     | 0.96  | 94.3      | 43.2741 | 36.7454 |
| 2009 | 6     | 1   | 5    | 43     | 45     | 0.3       | 3.9     | 1     | 95.5      | 43.2741 | 38.1453 |
| 2009 | 6     | 1   | 5    | 53     | 45     | 0.3       | 3.9     | 0.92  | 93.1      | 43.2402 | 35.1903 |
| 2009 | 6     | 1   | 6    | 3      | 45     | 0.3       | 3.9     | 1.06  | 97.1      | 43.2402 | 40.404  |
| 2009 | 6     | 1   | 6    | 13     | 45     | 0.3       | 3.9     | 1.06  | 95.9      | 43.2063 | 40.4982 |
| 2009 | 6     | 1   | 6    | 23     | 45     | 0.3       | 3.9     | 0.98  | 97.9      | 43.2063 | 37.3206 |
| 2009 | 6     | 1   | 6    | 33     | 45     | 0.3       | 3.9     | 0.93  | 93.4      | 43.2063 | 35.5424 |
| 2009 | 6     | 1   | 6    | 43     | 45     | 0.3       | 3.9     | 0.99  | 95.7      | 43.1724 | 37.5439 |
| 2009 | 6     | 1   | 6    | 53     | 45     | 0.3       | 3.9     | 1.03  | 96.4      | 43.1724 | 39.3217 |
| 2009 | 6     | 1   | 7    | 3      | 45     | 0.3       | 3.9     | 1.06  | 97.5      | 43.1385 | 40.3049 |
| 2009 | 6     | 1   | 7    | 13     | 45     | 0.3       | 3.9     | 1.05  | 96.6      | 43.1385 | 40.051  |
| 2009 | 6     | 1   | 7    | 23     | 45     | 0.3       | 3.9     | 1.05  | 97        | 43.1046 | 40.0182 |
| 2009 | 6     | 1   | 7    | 33     | 45     | 0.3       | 3.9     | 1.05  | 98.4      | 43.0707 | 39.8586 |
| 2009 | 6     | 1   | 7    | 43     | 45     | 0.3       | 3.9     | 1.07  | 97.6      | 43.0028 | 40.2992 |
| 2009 | 6     | 1   | 7    | 53     | 45     | 0.3       | 3.9     | 0.99  | 97.6      | 42.9688 | 37.3592 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 1   | 8    | 3      | 45     | 0.3       | 3.9     | 1.04  | 97.1      | 42.9348 | 39.3486 |
| 2009 | 6     | 1   | 8    | 13     | 45     | 0.3       | 3.9     | 1.04  | 98.5      | 42.9008 | 39.1899 |
| 2009 | 6     | 1   | 8    | 23     | 45     | 0.3       | 3.9     | 0.99  | 100.5     | 42.8668 | 37.1407 |
| 2009 | 6     | 1   | 8    | 33     | 45     | 0.3       | 3.9     | 1.03  | 98.1      | 42.8668 | 38.7793 |
| 2009 | 6     | 1   | 8    | 43     | 45     | 0.3       | 3.9     | 1.09  | 96.6      | 42.8328 | 41.1413 |
| 2009 | 6     | 1   | 8    | 53     | 45     | 0.3       | 3.9     | 1.06  | 96.2      | 42.8328 | 40.0071 |
| 2009 | 6     | 1   | 9    | 3      | 45     | 0.3       | 3.9     | 1.06  | 97.7      | 42.8328 | 39.7551 |
| 2009 | 6     | 1   | 9    | 13     | 45     | 0.3       | 3.9     | 1.09  | 98.4      | 42.7988 | 41.1073 |
| 2009 | 6     | 1   | 9    | 23     | 45     | 0.3       | 3.9     | 1.07  | 99        | 42.7988 | 40.0998 |
| 2009 | 6     | 1   | 9    | 33     | 45     | 0.3       | 3.9     | 1.08  | 98.6      | 42.7988 | 40.4776 |
| 2009 | 6     | 1   | 9    | 43     | 45     | 0.3       | 3.9     | 0.99  | 98.6      | 42.7647 | 37.1742 |
| 2009 | 6     | 1   | 9    | 53     | 45     | 0.3       | 3.9     | 1.1   | 97.2      | 42.7307 | 41.5421 |
| 2009 | 6     | 1   | 10   | 3      | 45     | 0.3       | 3.9     | 1.09  | 98.3      | 42.7307 | 40.9134 |
| 2009 | 6     | 1   | 10   | 13     | 45     | 0.3       | 3.9     | 1.02  | 99.3      | 42.6966 | 38.1165 |
| 2009 | 6     | 1   | 10   | 23     | 45     | 0.3       | 3.9     | 1.07  | 99.2      | 42.6284 | 39.8081 |
| 2009 | 6     | 1   | 10   | 33     | 45     | 0.3       | 3.9     | 1.03  | 98.2      | 42.5602 | 38.6152 |
| 2009 | 6     | 1   | 10   | 43     | 45     | 0.3       | 3.9     | 1.06  | 96.9      | 42.5261 | 39.8335 |
| 2009 | 6     | 1   | 10   | 53     | 45     | 0.3       | 3.9     | 1.07  | 98.6      | 42.5261 | 39.9586 |
| 2009 | 6     | 1   | 11   | 3      | 45     | 0.3       | 3.9     | 0.98  | 97.1      | 42.492  | 36.6772 |
| 2009 | 6     | 1   | 11   | 13     | 45     | 0.3       | 3.9     | 1.06  | 98        | 42.492  | 39.5503 |
| 2009 | 6     | 1   | 11   | 23     | 45     | 0.3       | 3.9     | 1.01  | 98.8      | 42.492  | 37.4265 |
| 2009 | 6     | 1   | 11   | 33     | 45     | 0.3       | 3.9     | 0.95  | 101.7     | 42.4578 | 35.1497 |
| 2009 | 6     | 1   | 11   | 43     | 45     | 0.3       | 3.9     | 1.04  | 98.5      | 42.4578 | 38.6432 |
| 2009 | 6     | 1   | 11   | 53     | 45     | 0.3       | 3.9     | 1     | 97.6      | 42.4578 | 37.1455 |
| 2009 | 6     | 1   | 12   | 3      | 45     | 0.3       | 3.9     | 1.05  | 98.8      | 42.4236 | 39.1097 |
| 2009 | 6     | 1   | 12   | 13     | 45     | 0.3       | 3.9     | 1.07  | 99.3      | 42.3895 | 39.8248 |
| 2009 | 6     | 1   | 12   | 23     | 45     | 0.3       | 3.9     | 1.01  | 98.6      | 42.3553 | 37.5499 |
| 2009 | 6     | 1   | 12   | 33     | 45     | 0.3       | 3.9     | 1.02  | 97.7      | 42.2869 | 37.9839 |
| 2009 | 6     | 1   | 12   | 43     | 45     | 0.3       | 3.9     | 1     | 98.5      | 42.2527 | 37.0826 |
| 2009 | 6     | 1   | 12   | 53     | 45     | 0.3       | 3.9     | 1.02  | 98.2      | 42.2184 | 37.6716 |
| 2009 | 6     | 1   | 13   | 3      | 45     | 0.3       | 3.9     | 1.06  | 98.5      | 42.1842 | 39.3758 |
| 2009 | 6     | 1   | 13   | 13     | 45     | 0.3       | 3.9     | 0.98  | 100.6     | 42.1842 | 35.9047 |
| 2009 | 6     | 1   | 13   | 23     | 45     | 0.3       | 3.9     | 1.06  | 98.4      | 42.1842 | 39.1278 |
| 2009 | 6     | 1   | 13   | 33     | 45     | 0.3       | 3.9     | 1.02  | 98.2      | 42.15   | 37.6079 |
| 2009 | 6     | 1   | 13   | 43     | 45     | 0.3       | 3.9     | 1.01  | 99.5      | 42.15   | 37.3602 |
| 2009 | 6     | 1   | 13   | 53     | 45     | 0.3       | 3.9     | 1.04  | 98.7      | 42.15   | 38.3512 |
| 2009 | 6     | 1   | 14   | 3      | 45     | 0.3       | 3.9     | 1.08  | 96.5      | 42.1157 | 40.0522 |
| 2009 | 6     | 1   | 14   | 13     | 45     | 0.3       | 3.9     | 0.99  | 97.8      | 42.1157 | 36.5862 |
| 2009 | 6     | 1   | 14   | 23     | 45     | 0.3       | 3.9     | 0.99  | 95.1      | 42.1157 | 36.9573 |
| 2009 | 6     | 1   | 14   | 33     | 45     | 0.3       | 3.9     | 0.92  | 95.9      | 42.0814 | 34.2072 |
| 2009 | 6     | 1   | 14   | 43     | 45     | 0.3       | 3.9     | 0.99  | 97.8      | 42.0814 | 36.6787 |
| 2009 | 6     | 1   | 14   | 53     | 45     | 0.3       | 3.9     | 1.04  | 97.4      | 42.0471 | 38.3773 |
| 2009 | 6     | 1   | 15   | 3      | 45     | 0.3       | 3.9     | 1.01  | 99.4      | 42.0129 | 36.9867 |
| 2009 | 6     | 1   | 15   | 13     | 45     | 0.3       | 3.9     | 1     | 96.9      | 41.9785 | 37.0786 |
| 2009 | 6     | 1   | 15   | 23     | 45     | 0.3       | 3.9     | 1.06  | 97.9      | 41.9785 | 38.929  |
| 2009 | 6     | 1   | 15   | 33     | 45     | 0.3       | 3.9     | 1.01  | 97.7      | 41.9099 | 37.0154 |
| 2009 | 6     | 1   | 15   | 43     | 45     | 0.3       | 3.9     | 0.97  | 99.3      | 41.8756 | 35.5079 |
| 2009 | 6     | 1   | 15   | 53     | 45     | 0.3       | 3.9     | 0.8   | 89.1      | 41.8412 | 29.5862 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 1   | 16   | 3      | 45     | 0.3       | 3.9     | 0.91  | 94.7      | 41.8412 | 33.6353 |
| 2009 | 6     | 1   | 16   | 13     | 45     | 0.3       | 3.9     | 1     | 98.4      | 41.8068 | 36.7978 |
| 2009 | 6     | 1   | 16   | 23     | 45     | 0.3       | 3.9     | 0.91  | 95.8      | 41.8068 | 33.3611 |
| 2009 | 6     | 1   | 16   | 33     | 45     | 0.3       | 3.9     | 1     | 95.8      | 41.8068 | 36.7978 |
| 2009 | 6     | 1   | 16   | 43     | 45     | 0.3       | 3.9     | 1.01  | 97.1      | 41.7725 | 37.2571 |
| 2009 | 6     | 1   | 16   | 53     | 45     | 0.3       | 3.9     | 1     | 95.6      | 41.7725 | 36.8889 |
| 2009 | 6     | 1   | 17   | 3      | 45     | 0.3       | 3.9     | 1     | 95.6      | 41.7725 | 36.8889 |
| 2009 | 6     | 1   | 17   | 13     | 45     | 0.3       | 3.9     | 1.03  | 94.9      | 41.7381 | 37.9608 |
| 2009 | 6     | 1   | 17   | 23     | 45     | 0.3       | 3.9     | 1.02  | 96.8      | 41.7381 | 37.4703 |
| 2009 | 6     | 1   | 17   | 33     | 45     | 0.3       | 3.9     | 1.05  | 97.1      | 41.7381 | 38.6967 |
| 2009 | 6     | 1   | 17   | 43     | 45     | 0.3       | 3.9     | 1.01  | 98.2      | 41.7037 | 36.8257 |
| 2009 | 6     | 1   | 17   | 53     | 45     | 0.3       | 3.9     | 0.82  | 92.1      | 41.7037 | 30.0959 |
| 2009 | 6     | 1   | 18   | 3      | 45     | 0.3       | 3.9     | 1.02  | 98.3      | 41.6693 | 37.1612 |
| 2009 | 6     | 1   | 18   | 13     | 45     | 0.3       | 3.9     | 0.87  | 95.8      | 41.6693 | 31.9023 |
| 2009 | 6     | 1   | 18   | 23     | 45     | 0.3       | 3.9     | 0.98  | 97.1      | 41.6349 | 35.9065 |
| 2009 | 6     | 1   | 18   | 33     | 45     | 0.3       | 3.9     | 1     | 97.8      | 41.6005 | 36.3642 |
| 2009 | 6     | 1   | 18   | 43     | 45     | 0.3       | 3.9     | 0.86  | 95.5      | 41.566  | 31.5763 |
| 2009 | 6     | 1   | 18   | 53     | 45     | 0.3       | 3.9     | 0.9   | 95.8      | 41.5316 | 33.0106 |
| 2009 | 6     | 1   | 19   | 3      | 45     | 0.3       | 3.9     | 0.91  | 94.6      | 41.4971 | 33.2256 |
| 2009 | 6     | 1   | 19   | 13     | 45     | 0.3       | 3.9     | 0.92  | 96.7      | 41.4627 | 33.6835 |
| 2009 | 6     | 1   | 19   | 23     | 45     | 0.3       | 3.9     | 1.03  | 95.9      | 41.4282 | 37.4244 |
| 2009 | 6     | 1   | 19   | 33     | 45     | 0.3       | 3.9     | 0.94  | 95.6      | 41.4282 | 34.1406 |
| 2009 | 6     | 1   | 19   | 43     | 45     | 0.3       | 3.9     | 0.89  | 94.7      | 41.3937 | 32.2898 |
| 2009 | 6     | 1   | 19   | 53     | 45     | 0.3       | 3.9     | 0.92  | 94.3      | 41.3937 | 33.7468 |
| 2009 | 6     | 1   | 20   | 3      | 45     | 0.3       | 3.9     | 0.79  | 92.4      | 41.3937 | 28.8932 |
| 2009 | 6     | 1   | 20   | 13     | 45     | 0.3       | 3.9     | 0.92  | 93.9      | 41.3592 | 33.5962 |
| 2009 | 6     | 1   | 20   | 23     | 45     | 0.3       | 3.9     | 0.85  | 92        | 41.3592 | 30.9281 |
| 2009 | 6     | 1   | 20   | 33     | 45     | 0.3       | 3.9     | 0.96  | 93.1      | 41.3247 | 34.9009 |
| 2009 | 6     | 1   | 20   | 43     | 45     | 0.3       | 3.9     | 0.83  | 90.7      | 41.3247 | 30.2958 |
| 2009 | 6     | 1   | 20   | 53     | 45     | 0.3       | 3.9     | 0.81  | 91.2      | 41.3247 | 29.4483 |
| 2009 | 6     | 1   | 21   | 3      | 45     | 0.3       | 3.9     | 0.95  | 96.1      | 41.3247 | 34.5371 |
| 2009 | 6     | 1   | 21   | 13     | 45     | 0.3       | 3.9     | 0.8   | 93.5      | 41.2902 | 28.939  |
| 2009 | 6     | 1   | 21   | 23     | 45     | 0.3       | 3.9     | 0.92  | 96.7      | 41.2902 | 33.4169 |
| 2009 | 6     | 1   | 21   | 33     | 45     | 0.3       | 3.9     | 0.8   | 90.7      | 41.2556 | 29.2764 |
| 2009 | 6     | 1   | 21   | 43     | 45     | 0.3       | 3.9     | 0.85  | 93.1      | 41.2556 | 30.8477 |
| 2009 | 6     | 1   | 21   | 53     | 45     | 0.3       | 3.9     | 0.87  | 95        | 41.2556 | 31.4523 |
| 2009 | 6     | 1   | 22   | 3      | 45     | 0.3       | 3.9     | 0.84  | 93.1      | 41.2211 | 30.4585 |
| 2009 | 6     | 1   | 22   | 13     | 45     | 0.3       | 3.9     | 1.02  | 96.4      | 41.2211 | 37.1091 |
| 2009 | 6     | 1   | 22   | 23     | 45     | 0.3       | 3.9     | 0.86  | 92.6      | 41.1865 | 31.2769 |
| 2009 | 6     | 1   | 22   | 33     | 45     | 0.3       | 3.9     | 0.98  | 97.3      | 41.152  | 35.2325 |
| 2009 | 6     | 1   | 22   | 43     | 45     | 0.3       | 3.9     | 0.96  | 96.6      | 41.1174 | 34.8398 |
| 2009 | 6     | 1   | 22   | 53     | 45     | 0.3       | 3.9     | 0.94  | 95.6      | 41.0828 | 33.9656 |
| 2009 | 6     | 1   | 23   | 3      | 45     | 0.3       | 3.9     | 0.91  | 92.9      | 41.0482 | 33.0932 |
| 2009 | 6     | 1   | 23   | 13     | 45     | 0.3       | 3.9     | 0.84  | 92        | 41.0136 | 30.2993 |
| 2009 | 6     | 1   | 23   | 23     | 45     | 0.3       | 3.9     | 0.96  | 97.3      | 40.979  | 34.3574 |
| 2009 | 6     | 1   | 23   | 33     | 45     | 0.3       | 3.9     | 0.96  | 95.1      | 40.9444 | 34.5675 |
| 2009 | 6     | 1   | 23   | 43     | 45     | 0.3       | 3.9     | 0.89  | 95.9      | 40.9444 | 32.166  |
| 2009 | 6     | 1   | 23   | 53     | 45     | 0.3       | 3.9     | 0.83  | 93.4      | 40.9444 | 29.8864 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 2   | 0    | 3      | 45     | 0.3       | 3.9     | 0.83  | 94.3      | 40.9098 | 29.8602 |
| 2009 | 6     | 2   | 0    | 13     | 45     | 0.3       | 3.9     | 0.89  | 95.9      | 40.9098 | 31.8979 |
| 2009 | 6     | 2   | 0    | 23     | 45     | 0.3       | 3.9     | 0.91  | 93.9      | 40.9098 | 32.9773 |
| 2009 | 6     | 2   | 0    | 33     | 45     | 0.3       | 3.9     | 0.95  | 97.4      | 40.8751 | 33.9073 |
| 2009 | 6     | 2   | 0    | 43     | 45     | 0.3       | 3.9     | 0.93  | 96.9      | 40.8751 | 33.3079 |
| 2009 | 6     | 2   | 0    | 53     | 45     | 0.3       | 3.9     | 1.02  | 94.1      | 40.8405 | 36.7535 |
| 2009 | 6     | 2   | 1    | 3      | 45     | 0.3       | 3.9     | 0.87  | 96.1      | 40.8405 | 31.1237 |
| 2009 | 6     | 2   | 1    | 13     | 45     | 0.3       | 3.9     | 0.9   | 93.1      | 40.8405 | 32.3207 |
| 2009 | 6     | 2   | 1    | 23     | 45     | 0.3       | 3.9     | 0.74  | 90        | 40.8405 | 26.819  |
| 2009 | 6     | 2   | 1    | 33     | 45     | 0.3       | 3.9     | 0.94  | 95.6      | 40.8058 | 33.7279 |
| 2009 | 6     | 2   | 1    | 43     | 45     | 0.3       | 3.9     | 0.81  | 89.5      | 40.8058 | 29.1839 |
| 2009 | 6     | 2   | 1    | 53     | 45     | 0.3       | 3.9     | 0.82  | 91.8      | 40.7711 | 29.6357 |
| 2009 | 6     | 2   | 2    | 3      | 45     | 0.3       | 3.9     | 0.81  | 90.9      | 40.7711 | 29.2775 |
| 2009 | 6     | 2   | 2    | 13     | 45     | 0.3       | 3.9     | 1     | 96.2      | 40.7711 | 35.9707 |
| 2009 | 6     | 2   | 2    | 23     | 45     | 0.3       | 3.9     | 0.73  | 90.5      | 40.7365 | 26.3906 |
| 2009 | 6     | 2   | 2    | 33     | 45     | 0.3       | 3.9     | 0.8   | 90.7      | 40.7365 | 28.7746 |
| 2009 | 6     | 2   | 2    | 43     | 45     | 0.3       | 3.9     | 0.82  | 91.1      | 40.7018 | 29.5834 |
| 2009 | 6     | 2   | 2    | 53     | 45     | 0.3       | 3.9     | 0.81  | 92.6      | 40.6671 | 28.9618 |
| 2009 | 6     | 2   | 3    | 3      | 45     | 0.3       | 3.9     | 0.92  | 95.7      | 40.6324 | 32.8643 |
| 2009 | 6     | 2   | 3    | 13     | 45     | 0.3       | 3.9     | 0.97  | 96.6      | 40.5976 | 34.6209 |
| 2009 | 6     | 2   | 3    | 23     | 45     | 0.3       | 3.9     | 0.97  | 95.4      | 40.5282 | 34.5594 |
| 2009 | 6     | 2   | 3    | 33     | 45     | 0.3       | 3.9     | 0.92  | 93.9      | 40.5282 | 32.7769 |
| 2009 | 6     | 2   | 3    | 43     | 45     | 0.3       | 3.9     | 0.86  | 96.6      | 40.4934 | 30.612  |
| 2009 | 6     | 2   | 3    | 53     | 45     | 0.3       | 3.9     | 0.79  | 93.1      | 40.4934 | 28.2409 |
| 2009 | 6     | 2   | 4    | 3      | 45     | 0.3       | 3.9     | 0.79  | 90        | 40.4587 | 28.3341 |
| 2009 | 6     | 2   | 4    | 13     | 45     | 0.3       | 3.9     | 0.99  | 95.5      | 40.4587 | 35.2099 |
| 2009 | 6     | 2   | 4    | 23     | 45     | 0.3       | 3.9     | 0.89  | 96.6      | 40.4239 | 31.5048 |
| 2009 | 6     | 2   | 4    | 33     | 45     | 0.3       | 3.9     | 0.98  | 97.5      | 40.4239 | 34.5857 |
| 2009 | 6     | 2   | 4    | 43     | 45     | 0.3       | 3.9     | 0.98  | 96.9      | 40.3891 | 34.7917 |
| 2009 | 6     | 2   | 4    | 53     | 45     | 0.3       | 3.9     | 0.99  | 100.1     | 40.3891 | 34.7917 |
| 2009 | 6     | 2   | 5    | 3      | 45     | 0.3       | 3.9     | 0.97  | 96        | 40.3891 | 34.5548 |
| 2009 | 6     | 2   | 5    | 13     | 45     | 0.3       | 3.9     | 0.94  | 96.6      | 40.3891 | 33.2521 |
| 2009 | 6     | 2   | 5    | 23     | 45     | 0.3       | 3.9     | 0.96  | 99.8      | 40.3544 | 33.8139 |
| 2009 | 6     | 2   | 5    | 33     | 45     | 0.3       | 3.9     | 0.98  | 99.1      | 40.3544 | 34.5239 |
| 2009 | 6     | 2   | 5    | 43     | 45     | 0.3       | 3.9     | 0.84  | 94.2      | 40.3544 | 29.912  |
| 2009 | 6     | 2   | 5    | 53     | 45     | 0.3       | 3.9     | 0.92  | 98        | 40.3196 | 32.6018 |
| 2009 | 6     | 2   | 6    | 3      | 45     | 0.3       | 3.9     | 0.91  | 97.6      | 40.3196 | 32.2473 |
| 2009 | 6     | 2   | 6    | 13     | 45     | 0.3       | 3.9     | 0.96  | 98.9      | 40.2848 | 33.6353 |
| 2009 | 6     | 2   | 6    | 23     | 45     | 0.3       | 3.9     | 0.98  | 98.7      | 40.2848 | 34.4622 |
| 2009 | 6     | 2   | 6    | 33     | 45     | 0.3       | 3.9     | 1.02  | 99.1      | 40.2848 | 35.7619 |
| 2009 | 6     | 2   | 6    | 43     | 45     | 0.3       | 3.9     | 0.94  | 97.6      | 40.2499 | 33.1332 |
| 2009 | 6     | 2   | 6    | 53     | 45     | 0.3       | 3.9     | 0.97  | 96.8      | 40.2151 | 34.2824 |
| 2009 | 6     | 2   | 7    | 3      | 45     | 0.3       | 3.9     | 1.04  | 97.3      | 40.2151 | 36.6417 |
| 2009 | 6     | 2   | 7    | 13     | 45     | 0.3       | 3.9     | 1     | 97.4      | 40.1455 | 35.0449 |
| 2009 | 6     | 2   | 7    | 23     | 45     | 0.3       | 3.9     | 0.87  | 94.5      | 40.1106 | 30.7815 |
| 2009 | 6     | 2   | 7    | 33     | 45     | 0.3       | 3.9     | 1.02  | 99.9      | 40.0757 | 35.4519 |
| 2009 | 6     | 2   | 7    | 43     | 45     | 0.3       | 3.9     | 0.93  | 97.3      | 40.0409 | 32.72   |
| 2009 | 6     | 2   | 7    | 53     | 45     | 0.3       | 3.9     | 0.97  | 98.4      | 40.006  | 33.863  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 2   | 8    | 3      | 45     | 0.3       | 3.9     | 0.96  | 101       | 40.006  | 33.2767 |
| 2009 | 6     | 2   | 8    | 13     | 45     | 0.3       | 3.9     | 0.95  | 100.1     | 40.006  | 33.1594 |
| 2009 | 6     | 2   | 8    | 23     | 45     | 0.3       | 3.9     | 1     | 99.2      | 39.9711 | 34.887  |
| 2009 | 6     | 2   | 8    | 33     | 45     | 0.3       | 3.9     | 0.97  | 99.6      | 39.9711 | 33.7152 |
| 2009 | 6     | 2   | 8    | 43     | 45     | 0.3       | 3.9     | 0.96  | 99.8      | 39.9711 | 33.4809 |
| 2009 | 6     | 2   | 8    | 53     | 45     | 0.3       | 3.9     | 1.01  | 99.9      | 39.9362 | 35.0896 |
| 2009 | 6     | 2   | 9    | 3      | 45     | 0.3       | 3.9     | 1.02  | 97.4      | 39.9362 | 35.7924 |
| 2009 | 6     | 2   | 9    | 13     | 45     | 0.3       | 3.9     | 0.92  | 98.4      | 39.9362 | 32.1633 |
| 2009 | 6     | 2   | 9    | 23     | 45     | 0.3       | 3.9     | 0.99  | 98.4      | 39.9013 | 34.4729 |
| 2009 | 6     | 2   | 9    | 33     | 45     | 0.3       | 3.9     | 0.94  | 98        | 39.9013 | 32.8356 |
| 2009 | 6     | 2   | 9    | 43     | 45     | 0.3       | 3.9     | 0.94  | 99        | 39.9013 | 32.7186 |
| 2009 | 6     | 2   | 9    | 53     | 45     | 0.3       | 3.9     | 0.95  | 97.3      | 39.8664 | 33.1562 |
| 2009 | 6     | 2   | 10   | 3      | 45     | 0.3       | 3.9     | 1.01  | 98.8      | 39.8664 | 35.026  |
| 2009 | 6     | 2   | 10   | 13     | 45     | 0.3       | 3.6     | 0.95  | 101.2     | 39.7966 | 32.6296 |
| 2009 | 6     | 2   | 10   | 23     | 45     | 0.3       | 3.6     | 0.94  | 102.1     | 39.7267 | 32.221  |
| 2009 | 6     | 2   | 10   | 33     | 45     | 0.3       | 3.6     | 0.96  | 97.3      | 39.6917 | 33.3545 |
| 2009 | 6     | 2   | 10   | 43     | 45     | 0.3       | 3.6     | 1.01  | 97.8      | 39.6917 | 35.0996 |
| 2009 | 6     | 2   | 10   | 53     | 45     | 0.3       | 3.6     | 0.95  | 96.7      | 39.6567 | 33.2078 |
| 2009 | 6     | 2   | 11   | 3      | 45     | 0.3       | 3.6     | 0.93  | 99        | 39.6567 | 32.046  |
| 2009 | 6     | 2   | 11   | 13     | 45     | 0.3       | 3.6     | 0.9   | 99.9      | 39.6218 | 30.9725 |
| 2009 | 6     | 2   | 11   | 23     | 45     | 0.3       | 3.6     | 0.95  | 98.7      | 39.6218 | 32.9453 |
| 2009 | 6     | 2   | 11   | 33     | 45     | 0.3       | 3.6     | 0.96  | 96.9      | 39.6218 | 33.4096 |
| 2009 | 6     | 2   | 11   | 43     | 45     | 0.3       | 3.6     | 0.97  | 99.8      | 39.5868 | 33.263  |
| 2009 | 6     | 2   | 11   | 53     | 45     | 0.3       | 3.6     | 0.95  | 97.2      | 39.5868 | 32.7991 |
| 2009 | 6     | 2   | 12   | 3      | 45     | 0.3       | 3.6     | 0.92  | 96.7      | 39.5868 | 32.1034 |
| 2009 | 6     | 2   | 12   | 13     | 45     | 0.3       | 3.6     | 0.97  | 100.5     | 39.5868 | 33.495  |
| 2009 | 6     | 2   | 12   | 23     | 45     | 0.3       | 3.6     | 0.92  | 98        | 39.5518 | 31.9581 |
| 2009 | 6     | 2   | 12   | 33     | 45     | 0.3       | 3.6     | 0.91  | 100       | 39.5168 | 31.1188 |
| 2009 | 6     | 2   | 12   | 43     | 45     | 0.3       | 3.6     | 0.96  | 100.7     | 39.5168 | 32.8548 |
| 2009 | 6     | 2   | 12   | 53     | 45     | 0.3       | 3.6     | 1     | 97.8      | 39.4468 | 34.4126 |
| 2009 | 6     | 2   | 13   | 3      | 45     | 0.3       | 3.6     | 0.96  | 98.8      | 39.4468 | 33.1411 |
| 2009 | 6     | 2   | 13   | 13     | 45     | 0.3       | 3.6     | 0.95  | 99.6      | 39.4468 | 32.5633 |
| 2009 | 6     | 2   | 13   | 23     | 45     | 0.3       | 3.6     | 0.95  | 98.5      | 39.3767 | 32.734  |
| 2009 | 6     | 2   | 13   | 33     | 45     | 0.3       | 3.6     | 0.96  | 98.7      | 39.3417 | 32.9343 |
| 2009 | 6     | 2   | 13   | 43     | 45     | 0.3       | 3.6     | 0.95  | 98.6      | 39.3417 | 32.4734 |
| 2009 | 6     | 2   | 13   | 53     | 45     | 0.3       | 3.6     | 1.03  | 97.5      | 39.3417 | 35.3554 |
| 2009 | 6     | 2   | 14   | 3      | 45     | 0.3       | 3.6     | 1     | 97.4      | 39.3417 | 34.4328 |
| 2009 | 6     | 2   | 14   | 13     | 45     | 0.3       | 3.6     | 0.99  | 100.5     | 39.3417 | 33.7411 |
| 2009 | 6     | 2   | 14   | 23     | 45     | 0.3       | 3.6     | 0.94  | 97.8      | 39.3066 | 32.3282 |
| 2009 | 6     | 2   | 14   | 33     | 45     | 0.3       | 3.6     | 0.91  | 99.5      | 39.3066 | 31.2924 |
| 2009 | 6     | 2   | 14   | 43     | 45     | 0.3       | 3.6     | 0.95  | 94.9      | 39.2365 | 32.958  |
| 2009 | 6     | 2   | 14   | 53     | 45     | 0.3       | 3.6     | 0.97  | 98.2      | 39.2365 | 33.3028 |
| 2009 | 6     | 2   | 15   | 3      | 45     | 0.3       | 3.6     | 0.96  | 98.3      | 39.2014 | 32.8126 |
| 2009 | 6     | 2   | 15   | 13     | 45     | 0.3       | 3.6     | 0.91  | 100.6     | 39.1663 | 30.9473 |
| 2009 | 6     | 2   | 15   | 23     | 45     | 0.3       | 3.6     | 0.95  | 96.3      | 39.1663 | 32.7822 |
| 2009 | 6     | 2   | 15   | 33     | 45     | 0.3       | 3.6     | 0.98  | 97.1      | 39.1663 | 33.5853 |
| 2009 | 6     | 2   | 15   | 43     | 45     | 0.3       | 3.6     | 0.89  | 98.5      | 39.1313 | 30.2315 |
| 2009 | 6     | 2   | 15   | 53     | 45     | 0.3       | 3.6     | 0.89  | 98.1      | 39.1663 | 30.3742 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 2   | 16   | 3      | 45     | 0.3       | 3.6     | 0.94  | 97.4      | 39.061  | 32.1189 |
| 2009 | 6     | 2   | 16   | 13     | 45     | 0.3       | 3.6     | 0.92  | 96.7      | 39.0259 | 31.5177 |
| 2009 | 6     | 2   | 16   | 23     | 45     | 0.3       | 3.6     | 0.87  | 96.9      | 38.9908 | 29.7768 |
| 2009 | 6     | 2   | 16   | 33     | 45     | 0.3       | 3.6     | 0.92  | 98.7      | 38.9908 | 31.1459 |
| 2009 | 6     | 2   | 16   | 43     | 45     | 0.3       | 3.6     | 0.9   | 97.3      | 38.9557 | 30.6608 |
| 2009 | 6     | 2   | 16   | 53     | 45     | 0.3       | 3.6     | 0.93  | 97.1      | 38.9557 | 31.687  |
| 2009 | 6     | 2   | 17   | 3      | 45     | 0.3       | 3.6     | 0.92  | 97.8      | 38.9557 | 31.4589 |
| 2009 | 6     | 2   | 17   | 13     | 45     | 0.3       | 3.6     | 0.91  | 98.5      | 38.9205 | 30.746  |
| 2009 | 6     | 2   | 17   | 23     | 45     | 0.3       | 3.6     | 0.99  | 96.7      | 38.9205 | 33.8229 |
| 2009 | 6     | 2   | 17   | 33     | 45     | 0.3       | 3.6     | 0.99  | 97.5      | 38.9205 | 33.5948 |
| 2009 | 6     | 2   | 17   | 43     | 45     | 0.3       | 3.6     | 0.93  | 95.9      | 38.8854 | 31.8554 |
| 2009 | 6     | 2   | 17   | 53     | 45     | 0.3       | 3.6     | 0.92  | 97.2      | 38.8854 | 31.1725 |
| 2009 | 6     | 2   | 18   | 3      | 45     | 0.3       | 3.6     | 0.93  | 95.9      | 38.8854 | 31.8554 |
| 2009 | 6     | 2   | 18   | 13     | 45     | 0.3       | 3.6     | 0.91  | 98.9      | 38.8151 | 30.7733 |
| 2009 | 6     | 2   | 18   | 23     | 45     | 0.3       | 3.6     | 0.91  | 96        | 38.8151 | 30.8869 |
| 2009 | 6     | 2   | 18   | 33     | 45     | 0.3       | 3.6     | 0.91  | 97.6      | 38.8151 | 31.0005 |
| 2009 | 6     | 2   | 18   | 43     | 45     | 0.3       | 3.6     | 0.96  | 97.3      | 38.7799 | 32.447  |
| 2009 | 6     | 2   | 18   | 53     | 45     | 0.3       | 3.6     | 0.94  | 100.1     | 38.7447 | 31.5092 |
| 2009 | 6     | 2   | 19   | 3      | 45     | 0.3       | 3.6     | 0.99  | 98.6      | 38.7799 | 33.5826 |
| 2009 | 6     | 2   | 19   | 13     | 45     | 0.3       | 3.6     | 0.89  | 99.3      | 38.7447 | 30.0354 |
| 2009 | 6     | 2   | 19   | 23     | 45     | 0.3       | 3.6     | 0.91  | 98.2      | 38.6743 | 30.884  |
| 2009 | 6     | 2   | 19   | 33     | 45     | 0.3       | 3.6     | 0.93  | 97.9      | 38.6391 | 31.4202 |
| 2009 | 6     | 2   | 19   | 43     | 45     | 0.3       | 3.6     | 0.99  | 99.2      | 38.6039 | 33.1987 |
| 2009 | 6     | 2   | 19   | 53     | 45     | 0.3       | 3.6     | 0.91  | 97.2      | 38.5687 | 30.7966 |
| 2009 | 6     | 2   | 20   | 3      | 45     | 0.3       | 3.6     | 0.95  | 97.1      | 38.5687 | 32.1511 |
| 2009 | 6     | 2   | 20   | 13     | 45     | 0.3       | 3.6     | 0.92  | 96.8      | 38.5687 | 30.9095 |
| 2009 | 6     | 2   | 20   | 23     | 45     | 0.3       | 3.6     | 0.91  | 98.9      | 38.5335 | 30.542  |
| 2009 | 6     | 2   | 20   | 33     | 45     | 0.3       | 3.6     | 0.95  | 98.1      | 38.4983 | 32.0902 |
| 2009 | 6     | 2   | 20   | 43     | 45     | 0.3       | 3.6     | 0.89  | 97.4      | 38.4983 | 29.95   |
| 2009 | 6     | 2   | 20   | 53     | 45     | 0.3       | 3.6     | 1.03  | 96.2      | 38.4983 | 34.6831 |
| 2009 | 6     | 2   | 21   | 3      | 45     | 0.3       | 3.6     | 0.93  | 98.3      | 38.4983 | 31.1889 |
| 2009 | 6     | 2   | 21   | 13     | 45     | 0.3       | 3.6     | 0.99  | 97        | 38.463  | 33.411  |
| 2009 | 6     | 2   | 21   | 23     | 45     | 0.3       | 3.6     | 0.93  | 97.5      | 38.4278 | 31.2422 |
| 2009 | 6     | 2   | 21   | 33     | 45     | 0.3       | 3.6     | 0.93  | 98.3      | 38.4278 | 31.2422 |
| 2009 | 6     | 2   | 21   | 43     | 45     | 0.3       | 3.6     | 0.97  | 97.2      | 38.4278 | 32.4793 |
| 2009 | 6     | 2   | 21   | 53     | 45     | 0.3       | 3.6     | 0.92  | 99.2      | 38.4278 | 30.9049 |
| 2009 | 6     | 2   | 22   | 3      | 45     | 0.3       | 3.6     | 0.95  | 98.4      | 38.3925 | 31.7742 |
| 2009 | 6     | 2   | 22   | 13     | 45     | 0.3       | 3.6     | 0.97  | 97.6      | 38.3925 | 32.6732 |
| 2009 | 6     | 2   | 22   | 23     | 45     | 0.3       | 3.6     | 0.91  | 100.4     | 38.3925 | 30.314  |
| 2009 | 6     | 2   | 22   | 33     | 45     | 0.3       | 3.6     | 0.94  | 97.4      | 38.3573 | 31.4072 |
| 2009 | 6     | 2   | 22   | 43     | 45     | 0.3       | 3.6     | 0.92  | 96.1      | 38.3573 | 30.9583 |
| 2009 | 6     | 2   | 22   | 53     | 45     | 0.3       | 3.6     | 0.86  | 95.3      | 38.3573 | 28.9392 |
| 2009 | 6     | 2   | 23   | 3      | 45     | 0.3       | 3.6     | 0.86  | 94.4      | 38.322  | 29.0236 |
| 2009 | 6     | 2   | 23   | 13     | 45     | 0.3       | 3.6     | 0.9   | 97.2      | 38.322  | 30.0321 |
| 2009 | 6     | 2   | 23   | 23     | 45     | 0.3       | 3.6     | 0.91  | 99.4      | 38.2867 | 30.2274 |
| 2009 | 6     | 2   | 23   | 33     | 45     | 0.3       | 3.6     | 0.93  | 99.3      | 38.2867 | 31.0114 |
| 2009 | 6     | 2   | 23   | 43     | 45     | 0.3       | 3.6     | 0.93  | 97.1      | 38.2514 | 31.2056 |
| 2009 | 6     | 2   | 23   | 53     | 45     | 0.3       | 3.6     | 0.98  | 96.9      | 38.2161 | 32.9652 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 3   | 0    | 3      | 45     | 0.3       | 3.6     | 0.86  | 95.5      | 38.1808 | 28.6897 |
| 2009 | 6     | 3   | 0    | 13     | 45     | 0.3       | 3.6     | 0.93  | 97.1      | 38.1455 | 30.8929 |
| 2009 | 6     | 3   | 0    | 23     | 45     | 0.3       | 3.6     | 0.89  | 96.8      | 38.1102 | 29.7488 |
| 2009 | 6     | 3   | 0    | 33     | 45     | 0.3       | 3.6     | 0.92  | 98.8      | 38.0749 | 30.611  |
| 2009 | 6     | 3   | 0    | 43     | 45     | 0.3       | 3.6     | 0.95  | 99.1      | 38.0749 | 31.502  |
| 2009 | 6     | 3   | 0    | 53     | 45     | 0.3       | 3.6     | 0.89  | 98.9      | 38.0749 | 29.3863 |
| 2009 | 6     | 3   | 1    | 3      | 45     | 0.3       | 3.6     | 0.93  | 99.1      | 38.0396 | 30.9153 |
| 2009 | 6     | 3   | 1    | 13     | 45     | 0.3       | 3.6     | 0.87  | 98.6      | 38.0396 | 28.9133 |
| 2009 | 6     | 3   | 1    | 23     | 45     | 0.3       | 3.6     | 0.91  | 99.8      | 38.0042 | 29.8854 |
| 2009 | 6     | 3   | 1    | 33     | 45     | 0.3       | 3.6     | 0.97  | 95.5      | 38.0042 | 32.2198 |
| 2009 | 6     | 3   | 1    | 43     | 45     | 0.3       | 3.6     | 0.99  | 96.9      | 37.9689 | 32.8555 |
| 2009 | 6     | 3   | 1    | 53     | 45     | 0.3       | 3.6     | 0.92  | 98.2      | 37.9689 | 30.5227 |
| 2009 | 6     | 3   | 2    | 3      | 45     | 0.3       | 3.6     | 0.94  | 101.1     | 37.9689 | 30.7448 |
| 2009 | 6     | 3   | 2    | 13     | 45     | 0.3       | 3.6     | 0.89  | 96.3      | 37.9689 | 29.7456 |
| 2009 | 6     | 3   | 2    | 23     | 45     | 0.3       | 3.6     | 0.97  | 97.9      | 37.9336 | 32.2688 |
| 2009 | 6     | 3   | 2    | 33     | 45     | 0.3       | 3.6     | 0.96  | 99.7      | 37.9336 | 31.4919 |
| 2009 | 6     | 3   | 2    | 43     | 45     | 0.3       | 3.6     | 0.87  | 100.5     | 37.9336 | 28.4973 |
| 2009 | 6     | 3   | 2    | 53     | 45     | 0.3       | 3.6     | 0.89  | 100       | 37.9336 | 29.2733 |
| 2009 | 6     | 3   | 3    | 3      | 45     | 0.3       | 3.6     | 0.86  | 97.2      | 37.8982 | 28.5805 |
| 2009 | 6     | 3   | 3    | 13     | 45     | 0.3       | 3.6     | 0.94  | 98        | 37.8982 | 31.2397 |
| 2009 | 6     | 3   | 3    | 23     | 45     | 0.3       | 3.6     | 0.94  | 98.2      | 37.8982 | 31.018  |
| 2009 | 6     | 3   | 3    | 33     | 45     | 0.3       | 3.6     | 0.87  | 97.3      | 37.8982 | 28.9128 |
| 2009 | 6     | 3   | 3    | 43     | 45     | 0.3       | 3.6     | 0.92  | 98.8      | 37.8628 | 30.4345 |
| 2009 | 6     | 3   | 3    | 53     | 45     | 0.3       | 3.6     | 0.94  | 100.7     | 37.8628 | 30.7667 |
| 2009 | 6     | 3   | 4    | 3      | 45     | 0.3       | 3.6     | 0.88  | 96        | 37.8628 | 29.2169 |
| 2009 | 6     | 3   | 4    | 13     | 45     | 0.3       | 3.6     | 0.91  | 99.1      | 37.8275 | 30.0733 |
| 2009 | 6     | 3   | 4    | 23     | 45     | 0.3       | 3.6     | 0.92  | 95.3      | 37.8275 | 30.6264 |
| 2009 | 6     | 3   | 4    | 33     | 45     | 0.3       | 3.6     | 0.89  | 97.6      | 37.8275 | 29.5204 |
| 2009 | 6     | 3   | 4    | 43     | 45     | 0.3       | 3.6     | 0.9   | 97.7      | 37.7921 | 29.8233 |
| 2009 | 6     | 3   | 4    | 53     | 45     | 0.3       | 3.6     | 0.95  | 99.4      | 37.7921 | 31.1494 |
| 2009 | 6     | 3   | 5    | 3      | 45     | 0.3       | 3.6     | 0.91  | 98.1      | 37.7921 | 30.0443 |
| 2009 | 6     | 3   | 5    | 13     | 45     | 0.3       | 3.6     | 0.88  | 97.3      | 37.7921 | 28.9396 |
| 2009 | 6     | 3   | 5    | 23     | 45     | 0.3       | 3.6     | 0.94  | 99.4      | 37.7567 | 30.8985 |
| 2009 | 6     | 3   | 5    | 33     | 45     | 0.3       | 3.6     | 0.9   | 98.2      | 37.7213 | 29.4348 |
| 2009 | 6     | 3   | 5    | 43     | 45     | 0.3       | 3.6     | 0.91  | 100.4     | 37.7213 | 29.7656 |
| 2009 | 6     | 3   | 5    | 53     | 45     | 0.3       | 3.6     | 0.93  | 99.5      | 37.6859 | 30.508  |
| 2009 | 6     | 3   | 6    | 3      | 45     | 0.3       | 3.6     | 0.96  | 98.7      | 37.6151 | 31.3288 |
| 2009 | 6     | 3   | 6    | 13     | 45     | 0.3       | 3.6     | 0.89  | 97.8      | 37.6151 | 29.2393 |
| 2009 | 6     | 3   | 6    | 23     | 45     | 0.3       | 3.6     | 0.82  | 100.2     | 37.5797 | 26.5765 |
| 2009 | 6     | 3   | 6    | 33     | 45     | 0.3       | 3.6     | 0.89  | 97.9      | 37.5797 | 29.1011 |
| 2009 | 6     | 3   | 6    | 43     | 45     | 0.3       | 3.6     | 0.95  | 99.3      | 37.5797 | 31.1885 |
| 2009 | 6     | 3   | 6    | 53     | 45     | 0.3       | 3.6     | 0.89  | 98.9      | 37.5443 | 28.963  |
| 2009 | 6     | 3   | 7    | 3      | 45     | 0.3       | 3.6     | 0.92  | 102.8     | 37.5443 | 29.6214 |
| 2009 | 6     | 3   | 7    | 13     | 45     | 0.3       | 3.6     | 0.93  | 100.2     | 37.5443 | 30.2799 |
| 2009 | 6     | 3   | 7    | 23     | 45     | 0.3       | 3.6     | 0.94  | 97.4      | 37.5443 | 30.9385 |
| 2009 | 6     | 3   | 7    | 33     | 45     | 0.3       | 3.6     | 0.92  | 100.6     | 37.5089 | 30.0311 |
| 2009 | 6     | 3   | 7    | 43     | 45     | 0.3       | 3.6     | 0.85  | 99.3      | 37.5089 | 27.7295 |
| 2009 | 6     | 3   | 7    | 53     | 45     | 0.3       | 3.6     | 0.89  | 99.1      | 37.5089 | 29.154  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 3   | 8    | 3      | 45     | 0.3       | 3.6     | 0.95  | 99.1      | 37.4734 | 30.9878 |
| 2009 | 6     | 3   | 8    | 13     | 45     | 0.3       | 3.6     | 0.86  | 98.1      | 37.4734 | 28.0308 |
| 2009 | 6     | 3   | 8    | 23     | 45     | 0.3       | 3.6     | 0.94  | 99        | 37.4734 | 30.7687 |
| 2009 | 6     | 3   | 8    | 33     | 45     | 0.3       | 3.6     | 0.95  | 97.9      | 37.4734 | 31.0974 |
| 2009 | 6     | 3   | 8    | 43     | 45     | 0.3       | 3.6     | 0.88  | 99        | 37.438  | 28.6596 |
| 2009 | 6     | 3   | 8    | 53     | 45     | 0.3       | 3.6     | 0.87  | 100.2     | 37.438  | 28.1128 |
| 2009 | 6     | 3   | 9    | 3      | 45     | 0.3       | 3.6     | 0.9   | 99.7      | 37.438  | 29.0972 |
| 2009 | 6     | 3   | 9    | 13     | 45     | 0.3       | 3.6     | 0.94  | 100.1     | 37.438  | 30.5197 |
| 2009 | 6     | 3   | 9    | 23     | 45     | 0.3       | 3.6     | 0.93  | 101.2     | 37.438  | 29.9725 |
| 2009 | 6     | 3   | 9    | 33     | 45     | 0.3       | 3.6     | 0.87  | 99.1      | 37.4025 | 28.413  |
| 2009 | 6     | 3   | 9    | 43     | 45     | 0.3       | 3.6     | 0.88  | 97.9      | 37.4025 | 28.8501 |
| 2009 | 6     | 3   | 9    | 53     | 45     | 0.3       | 3.6     | 0.91  | 97.7      | 37.3671 | 29.6955 |
| 2009 | 6     | 3   | 10   | 3      | 45     | 0.3       | 3.6     | 0.84  | 99.2      | 37.4025 | 27.2114 |
| 2009 | 6     | 3   | 10   | 13     | 45     | 0.3       | 3.6     | 0.87  | 95.8      | 37.4025 | 28.6316 |
| 2009 | 6     | 3   | 10   | 23     | 45     | 0.3       | 3.6     | 0.92  | 98.4      | 37.3671 | 30.0231 |
| 2009 | 6     | 3   | 10   | 33     | 45     | 0.3       | 3.6     | 0.94  | 98.6      | 37.3671 | 30.6785 |
| 2009 | 6     | 3   | 10   | 43     | 45     | 0.3       | 3.6     | 0.89  | 97.8      | 37.3671 | 29.1494 |
| 2009 | 6     | 3   | 10   | 53     | 45     | 0.3       | 3.6     | 0.8   | 92.3      | 37.3671 | 26.4212 |
| 2009 | 6     | 3   | 11   | 3      | 45     | 0.3       | 3.6     | 0.73  | 93.6      | 37.3316 | 23.7809 |
| 2009 | 6     | 3   | 11   | 13     | 45     | 0.3       | 3.6     | 0.79  | 92.4      | 37.3316 | 25.8505 |
| 2009 | 6     | 3   | 11   | 23     | 45     | 0.3       | 3.6     | 0.87  | 96.2      | 37.2962 | 28.5475 |
| 2009 | 6     | 3   | 11   | 33     | 45     | 0.3       | 3.6     | 0.78  | 94.6      | 37.2962 | 25.3899 |
| 2009 | 6     | 3   | 11   | 43     | 45     | 0.3       | 3.6     | 0.76  | 92.2      | 37.2607 | 24.8215 |
| 2009 | 6     | 3   | 11   | 53     | 45     | 0.3       | 3.6     | 0.81  | 94.6      | 37.2252 | 26.4262 |
| 2009 | 6     | 3   | 12   | 3      | 45     | 0.3       | 3.6     | 0.79  | 97.4      | 37.1897 | 25.6405 |
| 2009 | 6     | 3   | 12   | 13     | 45     | 0.3       | 3.6     | 0.78  | 93.4      | 37.1542 | 25.3985 |
| 2009 | 6     | 3   | 12   | 23     | 45     | 0.3       | 3.6     | 0.79  | 95.7      | 37.1542 | 25.8321 |
| 2009 | 6     | 3   | 12   | 33     | 45     | 0.3       | 3.6     | 0.81  | 94.9      | 37.1542 | 26.3742 |
| 2009 | 6     | 3   | 12   | 43     | 45     | 0.3       | 3.6     | 0.78  | 93.6      | 37.1187 | 25.3734 |
| 2009 | 6     | 3   | 12   | 53     | 45     | 0.3       | 3.6     | 0.9   | 99.9      | 37.1187 | 28.841  |
| 2009 | 6     | 3   | 13   | 3      | 45     | 0.3       | 3.6     | 0.86  | 99.7      | 37.1187 | 27.5401 |
| 2009 | 6     | 3   | 13   | 13     | 45     | 0.3       | 3.6     | 0.94  | 98.4      | 37.0832 | 30.3296 |
| 2009 | 6     | 3   | 13   | 23     | 45     | 0.3       | 3.6     | 0.88  | 101.1     | 37.0832 | 28.2709 |
| 2009 | 6     | 3   | 13   | 33     | 45     | 0.3       | 3.6     | 0.86  | 96.8      | 37.0832 | 27.946  |
| 2009 | 6     | 3   | 13   | 43     | 45     | 0.3       | 3.6     | 0.89  | 101.3     | 37.0832 | 28.4876 |
| 2009 | 6     | 3   | 13   | 53     | 45     | 0.3       | 3.6     | 0.94  | 98.9      | 37.0832 | 30.2212 |
| 2009 | 6     | 3   | 14   | 3      | 45     | 0.3       | 3.6     | 0.88  | 97.5      | 37.0832 | 28.4876 |
| 2009 | 6     | 3   | 14   | 13     | 45     | 0.3       | 3.6     | 0.85  | 98.6      | 37.1187 | 27.5401 |
| 2009 | 6     | 3   | 14   | 23     | 45     | 0.3       | 3.6     | 0.92  | 100.2     | 37.1187 | 29.7087 |
| 2009 | 6     | 3   | 14   | 33     | 45     | 0.3       | 3.6     | 0.9   | 96.9      | 37.0477 | 29.217  |
| 2009 | 6     | 3   | 14   | 43     | 45     | 0.3       | 3.6     | 0.85  | 98.2      | 37.0477 | 27.3775 |
| 2009 | 6     | 3   | 14   | 53     | 45     | 0.3       | 3.6     | 0.9   | 98.8      | 37.0477 | 28.8923 |
| 2009 | 6     | 3   | 15   | 3      | 45     | 0.3       | 3.6     | 0.92  | 99.7      | 37.0477 | 29.4335 |
| 2009 | 6     | 3   | 15   | 13     | 45     | 0.3       | 3.6     | 0.9   | 100.3     | 37.0122 | 28.8637 |
| 2009 | 6     | 3   | 15   | 23     | 45     | 0.3       | 3.6     | 0.9   | 98.8      | 37.0122 | 29.0799 |
| 2009 | 6     | 3   | 15   | 33     | 45     | 0.3       | 3.6     | 0.84  | 97.4      | 37.0122 | 27.2424 |
| 2009 | 6     | 3   | 15   | 43     | 45     | 0.3       | 3.6     | 0.85  | 96        | 36.9767 | 27.5392 |
| 2009 | 6     | 3   | 15   | 53     | 45     | 0.3       | 3.6     | 0.88  | 96        | 37.0122 | 28.4312 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 3   | 16   | 3      | 45     | 0.3       | 3.6     | 0.88  | 96.8      | 37.0122 | 28.5393 |
| 2009 | 6     | 3   | 16   | 13     | 45     | 0.3       | 3.6     | 0.9   | 97.3      | 36.9767 | 29.1592 |
| 2009 | 6     | 3   | 16   | 23     | 45     | 0.3       | 3.6     | 0.93  | 97.5      | 36.9767 | 30.0235 |
| 2009 | 6     | 3   | 16   | 33     | 45     | 0.3       | 3.6     | 0.88  | 96.4      | 36.9767 | 28.4031 |
| 2009 | 6     | 3   | 16   | 43     | 45     | 0.3       | 3.6     | 0.93  | 98.1      | 36.9767 | 30.0235 |
| 2009 | 6     | 3   | 16   | 53     | 45     | 0.3       | 3.6     | 0.91  | 96.4      | 36.9767 | 29.3752 |
| 2009 | 6     | 3   | 17   | 3      | 45     | 0.3       | 3.6     | 0.91  | 99.8      | 36.9767 | 29.1592 |
| 2009 | 6     | 3   | 17   | 13     | 45     | 0.3       | 3.6     | 0.83  | 99.3      | 36.9767 | 26.6757 |
| 2009 | 6     | 3   | 17   | 23     | 45     | 0.3       | 3.6     | 0.86  | 98.3      | 36.9767 | 27.6472 |
| 2009 | 6     | 3   | 17   | 33     | 45     | 0.3       | 3.6     | 0.87  | 96.5      | 36.9767 | 28.1871 |
| 2009 | 6     | 3   | 17   | 43     | 45     | 0.3       | 3.6     | 0.87  | 98.9      | 36.9767 | 27.9711 |
| 2009 | 6     | 3   | 17   | 53     | 45     | 0.3       | 3.6     | 0.89  | 96.2      | 36.9411 | 28.6986 |
| 2009 | 6     | 3   | 18   | 3      | 45     | 0.3       | 3.6     | 0.84  | 94.7      | 36.9411 | 27.0805 |
| 2009 | 6     | 3   | 18   | 13     | 45     | 0.3       | 3.6     | 0.91  | 98.9      | 36.9411 | 29.2382 |
| 2009 | 6     | 3   | 18   | 23     | 45     | 0.3       | 3.6     | 0.86  | 96.8      | 36.9411 | 27.7276 |
| 2009 | 6     | 3   | 18   | 33     | 45     | 0.3       | 3.6     | 0.91  | 99.3      | 36.9411 | 29.2382 |
| 2009 | 6     | 3   | 18   | 43     | 45     | 0.3       | 3.6     | 0.87  | 95.9      | 36.9411 | 28.0512 |
| 2009 | 6     | 3   | 18   | 53     | 45     | 0.3       | 3.6     | 0.9   | 98.6      | 36.9411 | 29.0223 |
| 2009 | 6     | 3   | 19   | 3      | 45     | 0.3       | 3.6     | 0.87  | 97        | 36.9411 | 27.9434 |
| 2009 | 6     | 3   | 19   | 13     | 45     | 0.3       | 3.6     | 0.86  | 97.7      | 36.9056 | 27.5923 |
| 2009 | 6     | 3   | 19   | 23     | 45     | 0.3       | 3.6     | 0.9   | 97.1      | 36.9056 | 28.9935 |
| 2009 | 6     | 3   | 19   | 33     | 45     | 0.3       | 3.6     | 0.91  | 100.6     | 36.9056 | 28.9935 |
| 2009 | 6     | 3   | 19   | 43     | 45     | 0.3       | 3.6     | 0.9   | 97.3      | 36.8701 | 28.9647 |
| 2009 | 6     | 3   | 19   | 53     | 45     | 0.3       | 3.6     | 0.82  | 95.3      | 36.8701 | 26.4887 |
| 2009 | 6     | 3   | 20   | 3      | 45     | 0.3       | 3.6     | 0.82  | 99.7      | 36.8701 | 26.2735 |
| 2009 | 6     | 3   | 20   | 13     | 45     | 0.3       | 3.6     | 0.73  | 93.1      | 36.8701 | 23.6921 |
| 2009 | 6     | 3   | 20   | 23     | 45     | 0.3       | 3.6     | 0.82  | 98.5      | 36.8345 | 26.3548 |
| 2009 | 6     | 3   | 20   | 33     | 45     | 0.3       | 3.6     | 0.87  | 95.2      | 36.8345 | 27.9677 |
| 2009 | 6     | 3   | 20   | 43     | 45     | 0.3       | 3.6     | 0.74  | 93.1      | 36.8345 | 23.7761 |
| 2009 | 6     | 3   | 20   | 53     | 45     | 0.3       | 3.6     | 0.74  | 93.6      | 36.799  | 23.8599 |
| 2009 | 6     | 3   | 21   | 3      | 45     | 0.3       | 3.6     | 0.86  | 101       | 36.799  | 27.2952 |
| 2009 | 6     | 3   | 21   | 13     | 45     | 0.3       | 3.6     | 0.82  | 98.6      | 36.7634 | 26.0878 |
| 2009 | 6     | 3   | 21   | 23     | 45     | 0.3       | 3.6     | 0.87  | 98        | 36.7278 | 27.8841 |
| 2009 | 6     | 3   | 21   | 33     | 45     | 0.3       | 3.6     | 0.69  | 94.6      | 36.7278 | 22.3099 |
| 2009 | 6     | 3   | 21   | 43     | 45     | 0.3       | 3.6     | 0.85  | 95.1      | 36.6923 | 27.3206 |
| 2009 | 6     | 3   | 21   | 53     | 45     | 0.3       | 3.6     | 0.74  | 92.6      | 36.6923 | 23.6811 |
| 2009 | 6     | 3   | 22   | 3      | 45     | 0.3       | 3.6     | 0.78  | 93.1      | 36.6567 | 25.0473 |
| 2009 | 6     | 3   | 22   | 13     | 45     | 0.3       | 3.6     | 0.73  | 97.2      | 36.6567 | 23.4431 |
| 2009 | 6     | 3   | 22   | 23     | 45     | 0.3       | 3.6     | 0.84  | 96        | 36.6211 | 26.9453 |
| 2009 | 6     | 3   | 22   | 33     | 45     | 0.3       | 3.6     | 0.68  | 93.3      | 36.6211 | 21.9221 |
| 2009 | 6     | 3   | 22   | 43     | 45     | 0.3       | 3.6     | 0.84  | 97.7      | 36.6211 | 26.7315 |
| 2009 | 6     | 3   | 22   | 53     | 45     | 0.3       | 3.6     | 0.83  | 95.9      | 36.6211 | 26.6247 |
| 2009 | 6     | 3   | 23   | 3      | 45     | 0.3       | 3.6     | 0.87  | 99.7      | 36.5855 | 27.6658 |
| 2009 | 6     | 3   | 23   | 13     | 45     | 0.3       | 3.6     | 0.82  | 96.4      | 36.5855 | 26.171  |
| 2009 | 6     | 3   | 23   | 23     | 45     | 0.3       | 3.6     | 0.76  | 95.9      | 36.5855 | 24.3571 |
| 2009 | 6     | 3   | 23   | 33     | 45     | 0.3       | 3.6     | 0.71  | 96.6      | 36.5855 | 22.7547 |
| 2009 | 6     | 3   | 23   | 43     | 45     | 0.3       | 3.6     | 0.78  | 96.3      | 36.5499 | 24.972  |
| 2009 | 6     | 3   | 23   | 53     | 45     | 0.3       | 3.6     | 0.76  | 98.4      | 36.5855 | 24.2505 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 4   | 0    | 3      | 45     | 0.3       | 3.6     | 0.83  | 96.1      | 36.5499 | 26.4646 |
| 2009 | 6     | 4   | 0    | 13     | 45     | 0.3       | 3.6     | 0.75  | 95        | 36.5499 | 23.9065 |
| 2009 | 6     | 4   | 0    | 23     | 45     | 0.3       | 3.6     | 0.87  | 98.4      | 36.5499 | 27.7447 |
| 2009 | 6     | 4   | 0    | 33     | 45     | 0.3       | 3.6     | 0.87  | 96.9      | 36.5499 | 27.8514 |
| 2009 | 6     | 4   | 0    | 43     | 45     | 0.3       | 3.6     | 0.89  | 99.1      | 36.5143 | 28.1432 |
| 2009 | 6     | 4   | 0    | 53     | 45     | 0.3       | 3.6     | 0.87  | 98.9      | 36.5143 | 27.5036 |
| 2009 | 6     | 4   | 1    | 3      | 45     | 0.3       | 3.6     | 0.86  | 97.7      | 36.5143 | 27.397  |
| 2009 | 6     | 4   | 1    | 13     | 45     | 0.3       | 3.6     | 0.92  | 98.4      | 36.5143 | 29.2096 |
| 2009 | 6     | 4   | 1    | 23     | 45     | 0.3       | 3.6     | 0.82  | 96.4      | 36.5143 | 26.2249 |
| 2009 | 6     | 4   | 1    | 33     | 45     | 0.3       | 3.6     | 0.76  | 93.7      | 36.4787 | 24.2837 |
| 2009 | 6     | 4   | 1    | 43     | 45     | 0.3       | 3.6     | 0.86  | 100.8     | 36.4787 | 26.9436 |
| 2009 | 6     | 4   | 1    | 53     | 45     | 0.3       | 3.6     | 0.86  | 97.9      | 36.4787 | 27.4759 |
| 2009 | 6     | 4   | 2    | 3      | 45     | 0.3       | 3.6     | 0.9   | 97.7      | 36.4787 | 28.6475 |
| 2009 | 6     | 4   | 2    | 13     | 45     | 0.3       | 3.6     | 0.83  | 99.4      | 36.4787 | 26.1985 |
| 2009 | 6     | 4   | 2    | 23     | 45     | 0.3       | 3.6     | 0.86  | 97.2      | 36.4787 | 27.3694 |
| 2009 | 6     | 4   | 2    | 33     | 45     | 0.3       | 3.6     | 0.77  | 95.6      | 36.4787 | 24.7091 |
| 2009 | 6     | 4   | 2    | 43     | 45     | 0.3       | 3.6     | 0.83  | 94.3      | 36.4431 | 26.3848 |
| 2009 | 6     | 4   | 2    | 53     | 45     | 0.3       | 3.6     | 0.71  | 95.3      | 36.4431 | 22.7695 |
| 2009 | 6     | 4   | 3    | 3      | 45     | 0.3       | 3.6     | 0.7   | 93.5      | 36.4431 | 22.2374 |
| 2009 | 6     | 4   | 3    | 13     | 45     | 0.3       | 3.6     | 0.79  | 96.7      | 36.4431 | 25.2155 |
| 2009 | 6     | 4   | 3    | 23     | 45     | 0.3       | 3.6     | 0.84  | 99.4      | 36.4431 | 26.7038 |
| 2009 | 6     | 4   | 3    | 33     | 45     | 0.3       | 3.6     | 0.86  | 98.1      | 36.4431 | 27.4482 |
| 2009 | 6     | 4   | 3    | 43     | 45     | 0.3       | 3.6     | 0.73  | 92.3      | 36.4431 | 23.1953 |
| 2009 | 6     | 4   | 3    | 53     | 45     | 0.3       | 3.6     | 0.74  | 94.6      | 36.4431 | 23.6212 |
| 2009 | 6     | 4   | 4    | 3      | 45     | 0.3       | 3.6     | 0.84  | 97.2      | 36.4075 | 26.5706 |
| 2009 | 6     | 4   | 4    | 13     | 45     | 0.3       | 3.6     | 0.85  | 96.6      | 36.4075 | 27.1018 |
| 2009 | 6     | 4   | 4    | 23     | 45     | 0.3       | 3.6     | 0.83  | 98.6      | 36.4075 | 26.2519 |
| 2009 | 6     | 4   | 4    | 33     | 45     | 0.3       | 3.6     | 0.77  | 95.6      | 36.4075 | 24.447  |
| 2009 | 6     | 4   | 4    | 43     | 45     | 0.3       | 3.6     | 0.9   | 100.9     | 36.4075 | 28.2708 |
| 2009 | 6     | 4   | 4    | 53     | 45     | 0.3       | 3.6     | 0.78  | 96.1      | 36.4075 | 24.6593 |
| 2009 | 6     | 4   | 5    | 3      | 45     | 0.3       | 3.6     | 0.84  | 98.8      | 36.3719 | 26.4376 |
| 2009 | 6     | 4   | 5    | 13     | 45     | 0.3       | 3.6     | 0.83  | 98.2      | 36.3719 | 26.1193 |
| 2009 | 6     | 4   | 5    | 23     | 45     | 0.3       | 3.6     | 0.83  | 99.1      | 36.3719 | 26.2254 |
| 2009 | 6     | 4   | 5    | 33     | 45     | 0.3       | 3.6     | 0.91  | 95.8      | 36.3719 | 28.8795 |
| 2009 | 6     | 4   | 5    | 43     | 45     | 0.3       | 3.6     | 0.77  | 95.3      | 36.3719 | 24.6344 |
| 2009 | 6     | 4   | 5    | 53     | 45     | 0.3       | 3.6     | 0.78  | 96        | 36.3719 | 24.8465 |
| 2009 | 6     | 4   | 6    | 3      | 45     | 0.3       | 3.6     | 0.71  | 92.1      | 36.3719 | 22.6172 |
| 2009 | 6     | 4   | 6    | 13     | 45     | 0.3       | 3.6     | 0.82  | 98.3      | 36.3719 | 26.0132 |
| 2009 | 6     | 4   | 6    | 23     | 45     | 0.3       | 3.6     | 0.71  | 93.7      | 36.3719 | 22.7234 |
| 2009 | 6     | 4   | 6    | 33     | 45     | 0.3       | 3.6     | 0.88  | 98.2      | 36.3719 | 27.8176 |
| 2009 | 6     | 4   | 6    | 43     | 45     | 0.3       | 3.6     | 0.79  | 96        | 36.3362 | 24.9273 |
| 2009 | 6     | 4   | 6    | 53     | 45     | 0.3       | 3.6     | 0.72  | 94.2      | 36.3362 | 22.9126 |
| 2009 | 6     | 4   | 7    | 3      | 45     | 0.3       | 3.6     | 0.68  | 94.4      | 36.3362 | 21.5335 |
| 2009 | 6     | 4   | 7    | 13     | 45     | 0.3       | 3.6     | 0.86  | 95.9      | 36.3362 | 27.2591 |
| 2009 | 6     | 4   | 7    | 23     | 45     | 0.3       | 3.6     | 0.77  | 93.7      | 36.3362 | 24.3976 |
| 2009 | 6     | 4   | 7    | 33     | 45     | 0.3       | 3.6     | 0.83  | 98.2      | 36.3362 | 26.3049 |
| 2009 | 6     | 4   | 7    | 43     | 45     | 0.3       | 3.6     | 0.78  | 95.5      | 36.3362 | 24.9273 |
| 2009 | 6     | 4   | 7    | 53     | 45     | 0.3       | 3.6     | 0.88  | 99        | 36.3362 | 27.6834 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 4   | 8    | 3      | 45     | 0.3       | 3.6     | 0.87  | 97.1      | 36.3006 | 27.6554 |
| 2009 | 6     | 4   | 8    | 13     | 45     | 0.3       | 3.6     | 0.82  | 97.3      | 36.3362 | 26.0929 |
| 2009 | 6     | 4   | 8    | 23     | 45     | 0.3       | 3.6     | 0.87  | 97.2      | 36.3006 | 27.5494 |
| 2009 | 6     | 4   | 8    | 33     | 45     | 0.3       | 3.6     | 0.9   | 100.5     | 36.3006 | 28.2912 |
| 2009 | 6     | 4   | 8    | 43     | 45     | 0.3       | 3.6     | 0.85  | 99.5      | 36.3006 | 26.8078 |
| 2009 | 6     | 4   | 8    | 53     | 45     | 0.3       | 3.6     | 0.88  | 98.6      | 36.3006 | 27.6554 |
| 2009 | 6     | 4   | 9    | 3      | 45     | 0.3       | 3.6     | 0.89  | 100       | 36.3006 | 27.9732 |
| 2009 | 6     | 4   | 9    | 13     | 45     | 0.3       | 3.6     | 0.91  | 99.8      | 36.3006 | 28.5032 |
| 2009 | 6     | 4   | 9    | 23     | 45     | 0.3       | 3.6     | 0.84  | 102.6     | 36.3006 | 26.2783 |
| 2009 | 6     | 4   | 9    | 33     | 45     | 0.3       | 3.6     | 0.89  | 100.4     | 36.3006 | 27.9732 |
| 2009 | 6     | 4   | 9    | 43     | 45     | 0.3       | 3.6     | 0.89  | 97.8      | 36.265  | 28.1567 |
| 2009 | 6     | 4   | 9    | 53     | 45     | 0.3       | 3.6     | 0.87  | 100.7     | 36.265  | 27.204  |
| 2009 | 6     | 4   | 10   | 3      | 45     | 0.3       | 3.6     | 0.89  | 101.4     | 36.265  | 27.9449 |
| 2009 | 6     | 4   | 10   | 13     | 45     | 0.3       | 3.6     | 0.87  | 98        | 36.265  | 27.6273 |
| 2009 | 6     | 4   | 10   | 23     | 45     | 0.3       | 3.6     | 0.85  | 99.1      | 36.265  | 26.7807 |
| 2009 | 6     | 4   | 10   | 33     | 45     | 0.3       | 3.6     | 0.91  | 99.1      | 36.265  | 28.6861 |
| 2009 | 6     | 4   | 10   | 43     | 45     | 0.3       | 3.6     | 0.92  | 100.9     | 36.2293 | 28.8686 |
| 2009 | 6     | 4   | 10   | 53     | 45     | 0.3       | 3.6     | 0.91  | 99.3      | 36.2293 | 28.7628 |
| 2009 | 6     | 4   | 11   | 3      | 45     | 0.3       | 3.6     | 0.9   | 100.2     | 36.1937 | 28.3109 |
| 2009 | 6     | 4   | 11   | 13     | 45     | 0.3       | 3.6     | 0.88  | 98.2      | 36.1937 | 27.6769 |
| 2009 | 6     | 4   | 11   | 23     | 45     | 0.3       | 3.6     | 0.89  | 98.7      | 36.158  | 27.8599 |
| 2009 | 6     | 4   | 11   | 33     | 45     | 0.3       | 3.6     | 0.92  | 101.1     | 36.158  | 28.7044 |
| 2009 | 6     | 4   | 11   | 43     | 45     | 0.3       | 3.6     | 0.83  | 102.1     | 36.158  | 25.8554 |
| 2009 | 6     | 4   | 11   | 53     | 45     | 0.3       | 3.6     | 0.88  | 102.3     | 36.1224 | 27.199  |
| 2009 | 6     | 4   | 12   | 3      | 45     | 0.3       | 3.6     | 0.81  | 99.3      | 36.1224 | 25.4077 |
| 2009 | 6     | 4   | 12   | 13     | 45     | 0.3       | 3.6     | 0.89  | 99.1      | 36.1224 | 27.937  |
| 2009 | 6     | 4   | 12   | 23     | 45     | 0.3       | 3.6     | 0.88  | 98.1      | 36.1224 | 27.8315 |
| 2009 | 6     | 4   | 12   | 33     | 45     | 0.3       | 3.6     | 0.78  | 100.2     | 36.1224 | 24.3547 |
| 2009 | 6     | 4   | 12   | 43     | 45     | 0.3       | 3.6     | 0.91  | 99.5      | 36.1224 | 28.6752 |
| 2009 | 6     | 4   | 12   | 53     | 45     | 0.3       | 3.6     | 0.88  | 99.4      | 36.1224 | 27.7261 |
| 2009 | 6     | 4   | 13   | 3      | 45     | 0.3       | 3.6     | 0.84  | 98.8      | 36.1224 | 26.3559 |
| 2009 | 6     | 4   | 13   | 13     | 45     | 0.3       | 3.6     | 0.82  | 99.7      | 36.1224 | 25.5131 |
| 2009 | 6     | 4   | 13   | 23     | 45     | 0.3       | 3.6     | 0.82  | 98.8      | 36.1224 | 25.6184 |
| 2009 | 6     | 4   | 13   | 33     | 45     | 0.3       | 3.6     | 0.89  | 99.6      | 36.158  | 27.8599 |
| 2009 | 6     | 4   | 13   | 43     | 45     | 0.3       | 3.6     | 0.92  | 98.6      | 36.158  | 29.0211 |
| 2009 | 6     | 4   | 13   | 53     | 45     | 0.3       | 3.6     | 0.87  | 100.4     | 36.158  | 27.2267 |
| 2009 | 6     | 4   | 14   | 3      | 45     | 0.3       | 3.6     | 0.85  | 97.9      | 36.158  | 26.9102 |
| 2009 | 6     | 4   | 14   | 13     | 45     | 0.3       | 3.6     | 0.88  | 97.3      | 36.158  | 27.8599 |
| 2009 | 6     | 4   | 14   | 23     | 45     | 0.3       | 3.6     | 0.84  | 96.9      | 36.158  | 26.5937 |
| 2009 | 6     | 4   | 14   | 33     | 45     | 0.3       | 3.6     | 0.87  | 98.2      | 36.158  | 27.4378 |
| 2009 | 6     | 4   | 14   | 43     | 45     | 0.3       | 3.6     | 0.79  | 99.3      | 36.158  | 24.9065 |
| 2009 | 6     | 4   | 14   | 53     | 45     | 0.3       | 3.6     | 0.86  | 96.8      | 36.158  | 27.0157 |
| 2009 | 6     | 4   | 15   | 3      | 45     | 0.3       | 3.6     | 0.83  | 98.9      | 36.1224 | 26.0398 |
| 2009 | 6     | 4   | 15   | 13     | 45     | 0.3       | 3.6     | 0.88  | 98.4      | 36.158  | 27.5433 |
| 2009 | 6     | 4   | 15   | 23     | 45     | 0.3       | 3.6     | 0.86  | 99.2      | 36.158  | 27.0157 |
| 2009 | 6     | 4   | 15   | 33     | 45     | 0.3       | 3.6     | 0.86  | 97.3      | 36.0867 | 26.9607 |
| 2009 | 6     | 4   | 15   | 43     | 45     | 0.3       | 3.3     | 0.87  | 96.3      | 36.0867 | 27.4872 |
| 2009 | 6     | 4   | 15   | 53     | 45     | 0.3       | 3.3     | 0.81  | 99.3      | 36.1224 | 25.3024 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 4   | 16   | 3      | 45     | 0.3       | 3.3     | 0.85  | 99.8      | 36.0867 | 26.4343 |
| 2009 | 6     | 4   | 16   | 13     | 45     | 0.3       | 3.3     | 0.89  | 97.8      | 36.1224 | 28.0424 |
| 2009 | 6     | 4   | 16   | 23     | 45     | 0.3       | 3.3     | 0.81  | 101       | 36.1224 | 25.0918 |
| 2009 | 6     | 4   | 16   | 33     | 45     | 0.3       | 3.3     | 0.78  | 100.4     | 36.0867 | 24.4351 |
| 2009 | 6     | 4   | 16   | 43     | 45     | 0.3       | 3.3     | 0.92  | 97.8      | 36.158  | 29.1267 |
| 2009 | 6     | 4   | 16   | 53     | 45     | 0.3       | 3.3     | 0.85  | 98.6      | 36.158  | 26.8047 |
| 2009 | 6     | 4   | 17   | 3      | 45     | 0.3       | 3.3     | 0.9   | 97.9      | 36.051  | 28.4063 |
| 2009 | 6     | 4   | 17   | 13     | 45     | 0.3       | 3.3     | 0.86  | 97        | 36.0867 | 27.1713 |
| 2009 | 6     | 4   | 17   | 23     | 45     | 0.3       | 3.3     | 0.86  | 100.4     | 36.1224 | 26.7774 |
| 2009 | 6     | 4   | 17   | 33     | 45     | 0.3       | 3.3     | 0.86  | 99.2      | 36.0867 | 27.066  |
| 2009 | 6     | 4   | 17   | 43     | 45     | 0.3       | 3.3     | 0.84  | 100.3     | 36.0867 | 26.2238 |
| 2009 | 6     | 4   | 17   | 53     | 45     | 0.3       | 3.3     | 0.84  | 96        | 36.0867 | 26.6449 |
| 2009 | 6     | 4   | 18   | 3      | 45     | 0.3       | 3.3     | 0.94  | 97.8      | 36.0867 | 29.489  |
| 2009 | 6     | 4   | 18   | 13     | 45     | 0.3       | 3.3     | 0.86  | 96.8      | 36.0867 | 27.1713 |
| 2009 | 6     | 4   | 18   | 23     | 45     | 0.3       | 3.3     | 0.89  | 97.2      | 36.0154 | 28.0619 |
| 2009 | 6     | 4   | 18   | 33     | 45     | 0.3       | 3.3     | 0.8   | 96.6      | 36.0867 | 25.1714 |
| 2009 | 6     | 4   | 18   | 43     | 45     | 0.3       | 3.3     | 0.92  | 95.1      | 36.051  | 29.0378 |
| 2009 | 6     | 4   | 18   | 53     | 45     | 0.3       | 3.3     | 0.84  | 99.9      | 36.051  | 26.197  |
| 2009 | 6     | 4   | 19   | 3      | 45     | 0.3       | 3.3     | 0.82  | 100.1     | 36.051  | 25.6713 |
| 2009 | 6     | 4   | 19   | 13     | 45     | 0.3       | 3.3     | 0.83  | 99.5      | 36.051  | 25.9867 |
| 2009 | 6     | 4   | 19   | 23     | 45     | 0.3       | 3.3     | 0.87  | 99.5      | 36.051  | 27.2488 |
| 2009 | 6     | 4   | 19   | 33     | 45     | 0.3       | 3.3     | 0.82  | 100.2     | 36.051  | 25.4611 |
| 2009 | 6     | 4   | 19   | 43     | 45     | 0.3       | 3.3     | 0.87  | 99.1      | 36.051  | 27.2488 |
| 2009 | 6     | 4   | 19   | 53     | 45     | 0.3       | 3.3     | 0.81  | 96.5      | 36.051  | 25.5662 |
| 2009 | 6     | 4   | 20   | 3      | 45     | 0.3       | 3.3     | 0.88  | 99.9      | 36.051  | 27.4592 |
| 2009 | 6     | 4   | 20   | 13     | 45     | 0.3       | 3.3     | 0.84  | 99.4      | 36.051  | 26.3022 |
| 2009 | 6     | 4   | 20   | 23     | 45     | 0.3       | 3.3     | 0.86  | 97.9      | 36.051  | 27.0384 |
| 2009 | 6     | 4   | 20   | 33     | 45     | 0.3       | 3.3     | 0.8   | 97.5      | 36.051  | 25.2508 |
| 2009 | 6     | 4   | 20   | 43     | 45     | 0.3       | 3.3     | 0.84  | 97.4      | 36.051  | 26.4073 |
| 2009 | 6     | 4   | 20   | 53     | 45     | 0.3       | 3.3     | 0.65  | 94        | 36.051  | 20.6226 |
| 2009 | 6     | 4   | 21   | 3      | 45     | 0.3       | 3.3     | 0.83  | 96.4      | 36.051  | 26.0919 |
| 2009 | 6     | 4   | 21   | 13     | 45     | 0.3       | 3.6     | 0.88  | 99.3      | 36.051  | 27.4592 |
| 2009 | 6     | 4   | 21   | 23     | 45     | 0.3       | 3.6     | 0.73  | 92.8      | 36.051  | 22.9371 |
| 2009 | 6     | 4   | 21   | 33     | 45     | 0.3       | 3.6     | 0.9   | 100.5     | 36.0154 | 27.9567 |
| 2009 | 6     | 4   | 21   | 43     | 45     | 0.3       | 3.6     | 0.81  | 95.3      | 36.051  | 25.5662 |
| 2009 | 6     | 4   | 21   | 53     | 45     | 0.3       | 3.6     | 0.73  | 96.2      | 36.051  | 22.9371 |
| 2009 | 6     | 4   | 22   | 3      | 45     | 0.3       | 3.6     | 0.85  | 96.2      | 36.0154 | 26.9057 |
| 2009 | 6     | 4   | 22   | 13     | 45     | 0.3       | 3.6     | 0.89  | 96.8      | 36.0154 | 27.9567 |
| 2009 | 6     | 4   | 22   | 23     | 45     | 0.3       | 3.6     | 0.8   | 99.2      | 36.0154 | 25.1201 |
| 2009 | 6     | 4   | 22   | 33     | 45     | 0.3       | 3.6     | 0.8   | 100.6     | 36.0154 | 25.0151 |
| 2009 | 6     | 4   | 22   | 43     | 45     | 0.3       | 3.6     | 0.77  | 95.1      | 36.0154 | 24.2802 |
| 2009 | 6     | 4   | 22   | 53     | 45     | 0.3       | 3.6     | 0.68  | 92.5      | 36.0154 | 21.3368 |
| 2009 | 6     | 4   | 23   | 3      | 45     | 0.3       | 3.6     | 0.76  | 96.7      | 36.0154 | 23.7552 |
| 2009 | 6     | 4   | 23   | 13     | 45     | 0.3       | 3.6     | 0.74  | 94.8      | 36.0154 | 23.3344 |
| 2009 | 6     | 4   | 23   | 23     | 45     | 0.3       | 3.6     | 0.74  | 95.4      | 36.0154 | 23.2292 |
| 2009 | 6     | 4   | 23   | 33     | 45     | 0.3       | 3.6     | 0.82  | 99.4      | 36.0154 | 25.7501 |
| 2009 | 6     | 4   | 23   | 43     | 45     | 0.3       | 3.6     | 0.79  | 96.5      | 36.0154 | 24.7001 |
| 2009 | 6     | 4   | 23   | 53     | 45     | 0.3       | 3.6     | 0.73  | 94.4      | 36.0154 | 23.124  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 5   | 0    | 3      | 45     | 0.3       | 3.6     | 0.85  | 97.1      | 36.0154 | 26.5905 |
| 2009 | 6     | 5   | 0    | 13     | 45     | 0.3       | 3.6     | 0.86  | 99.4      | 35.9797 | 26.8782 |
| 2009 | 6     | 5   | 0    | 23     | 45     | 0.3       | 3.6     | 0.87  | 98        | 36.0154 | 27.3261 |
| 2009 | 6     | 5   | 0    | 33     | 45     | 0.3       | 3.6     | 0.84  | 99.5      | 36.0154 | 26.1703 |
| 2009 | 6     | 5   | 0    | 43     | 45     | 0.3       | 3.6     | 0.84  | 96        | 35.9797 | 26.4584 |
| 2009 | 6     | 5   | 0    | 53     | 45     | 0.3       | 3.6     | 0.82  | 95.5      | 36.0154 | 25.7501 |
| 2009 | 6     | 5   | 1    | 3      | 45     | 0.3       | 3.6     | 0.79  | 94.8      | 35.9797 | 24.7797 |
| 2009 | 6     | 5   | 1    | 13     | 45     | 0.3       | 3.6     | 0.78  | 95.5      | 35.9797 | 24.6749 |
| 2009 | 6     | 5   | 1    | 23     | 45     | 0.3       | 3.6     | 0.79  | 93.6      | 35.9797 | 24.9895 |
| 2009 | 6     | 5   | 1    | 33     | 45     | 0.3       | 3.6     | 0.8   | 96.1      | 35.9797 | 25.1993 |
| 2009 | 6     | 5   | 1    | 43     | 45     | 0.3       | 3.6     | 0.88  | 97.9      | 35.9797 | 27.7181 |
| 2009 | 6     | 5   | 1    | 53     | 45     | 0.3       | 3.6     | 0.85  | 100.4     | 35.9797 | 26.4584 |
| 2009 | 6     | 5   | 2    | 3      | 45     | 0.3       | 3.6     | 0.8   | 95        | 35.9797 | 25.0944 |
| 2009 | 6     | 5   | 2    | 13     | 45     | 0.3       | 3.6     | 0.84  | 99.9      | 35.9797 | 26.2485 |
| 2009 | 6     | 5   | 2    | 23     | 45     | 0.3       | 3.6     | 0.82  | 98.6      | 35.9797 | 25.514  |
| 2009 | 6     | 5   | 2    | 33     | 45     | 0.3       | 3.6     | 0.89  | 101.7     | 35.9797 | 27.6131 |
| 2009 | 6     | 5   | 2    | 43     | 45     | 0.3       | 3.6     | 0.81  | 99.5      | 35.9797 | 25.4091 |
| 2009 | 6     | 5   | 2    | 53     | 45     | 0.3       | 3.6     | 0.77  | 96.4      | 35.9797 | 24.0457 |
| 2009 | 6     | 5   | 3    | 3      | 45     | 0.3       | 3.6     | 0.78  | 95.5      | 35.9797 | 24.57   |
| 2009 | 6     | 5   | 3    | 13     | 45     | 0.3       | 3.6     | 0.81  | 99.5      | 35.9797 | 25.4091 |
| 2009 | 6     | 5   | 3    | 23     | 45     | 0.3       | 3.6     | 0.85  | 97.1      | 35.9797 | 26.7732 |
| 2009 | 6     | 5   | 3    | 33     | 45     | 0.3       | 3.6     | 0.82  | 95.9      | 35.9797 | 25.9337 |
| 2009 | 6     | 5   | 3    | 43     | 45     | 0.3       | 3.6     | 0.82  | 99.4      | 35.9797 | 25.7238 |
| 2009 | 6     | 5   | 3    | 53     | 45     | 0.3       | 3.6     | 0.81  | 98        | 35.9797 | 25.1993 |
| 2009 | 6     | 5   | 4    | 3      | 45     | 0.3       | 3.6     | 0.8   | 99.5      | 35.9797 | 24.7797 |
| 2009 | 6     | 5   | 4    | 13     | 45     | 0.3       | 3.3     | 0.83  | 97.5      | 35.944  | 25.9071 |
| 2009 | 6     | 5   | 4    | 23     | 45     | 0.3       | 3.3     | 0.84  | 96.9      | 35.944  | 26.4313 |
| 2009 | 6     | 5   | 4    | 33     | 45     | 0.3       | 3.3     | 0.77  | 94.6      | 35.944  | 24.3353 |
| 2009 | 6     | 5   | 4    | 43     | 45     | 0.3       | 3.3     | 0.78  | 95.8      | 35.944  | 24.6496 |
| 2009 | 6     | 5   | 4    | 53     | 45     | 0.3       | 3.3     | 0.79  | 96.2      | 35.944  | 24.8591 |
| 2009 | 6     | 5   | 5    | 3      | 45     | 0.3       | 3.3     | 0.87  | 97.8      | 35.944  | 27.2702 |
| 2009 | 6     | 5   | 5    | 13     | 45     | 0.3       | 3.3     | 0.87  | 100.2     | 35.944  | 27.0604 |
| 2009 | 6     | 5   | 5    | 23     | 45     | 0.3       | 3.3     | 0.87  | 99.7      | 35.944  | 27.1653 |
| 2009 | 6     | 5   | 5    | 33     | 45     | 0.3       | 3.3     | 0.9   | 100.2     | 35.944  | 28.1094 |
| 2009 | 6     | 5   | 5    | 43     | 45     | 0.3       | 3.3     | 0.86  | 99.9      | 35.944  | 26.641  |
| 2009 | 6     | 5   | 5    | 53     | 45     | 0.3       | 3.3     | 0.91  | 99.3      | 35.944  | 28.5291 |
| 2009 | 6     | 5   | 6    | 3      | 45     | 0.3       | 3.3     | 0.91  | 98.2      | 35.944  | 28.6341 |
| 2009 | 6     | 5   | 6    | 13     | 45     | 0.3       | 3.3     | 0.83  | 100.7     | 35.944  | 25.8023 |
| 2009 | 6     | 5   | 6    | 23     | 45     | 0.3       | 3.3     | 0.88  | 97.7      | 35.944  | 27.6898 |
| 2009 | 6     | 5   | 6    | 33     | 45     | 0.3       | 3.3     | 0.85  | 100.9     | 35.944  | 26.3264 |
| 2009 | 6     | 5   | 6    | 43     | 45     | 0.3       | 3.3     | 0.66  | 92.6      | 35.944  | 20.7689 |
| 2009 | 6     | 5   | 6    | 53     | 45     | 0.3       | 3.3     | 0.85  | 100.4     | 35.944  | 26.5361 |
| 2009 | 6     | 5   | 7    | 3      | 45     | 0.3       | 3.3     | 0.89  | 101.1     | 35.944  | 27.5849 |
| 2009 | 6     | 5   | 7    | 13     | 45     | 0.3       | 3.3     | 0.9   | 99        | 35.944  | 28.1094 |
| 2009 | 6     | 5   | 7    | 23     | 45     | 0.3       | 3.3     | 0.78  | 95.8      | 35.944  | 24.3353 |
| 2009 | 6     | 5   | 7    | 33     | 45     | 0.3       | 3.3     | 0.88  | 97.9      | 35.944  | 27.6898 |
| 2009 | 6     | 5   | 7    | 43     | 45     | 0.3       | 3.3     | 0.72  | 95.8      | 35.944  | 22.4469 |
| 2009 | 6     | 5   | 7    | 53     | 45     | 0.3       | 3.3     | 0.84  | 101.3     | 35.944  | 25.9071 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 5   | 8    | 3      | 45     | 0.3       | 3.3     | 0.85  | 100.4     | 35.944  | 26.5361 |
| 2009 | 6     | 5   | 8    | 13     | 45     | 0.3       | 3.3     | 0.89  | 98.1      | 35.944  | 27.7947 |
| 2009 | 6     | 5   | 8    | 23     | 45     | 0.3       | 3.3     | 0.86  | 100.1     | 35.944  | 26.7458 |
| 2009 | 6     | 5   | 8    | 33     | 45     | 0.3       | 3.3     | 0.73  | 95.7      | 35.944  | 22.9716 |
| 2009 | 6     | 5   | 8    | 43     | 45     | 0.3       | 3.3     | 0.82  | 96.5      | 35.944  | 25.5927 |
| 2009 | 6     | 5   | 8    | 53     | 45     | 0.3       | 3.3     | 0.77  | 94.1      | 35.944  | 24.3353 |
| 2009 | 6     | 5   | 9    | 3      | 45     | 0.3       | 3.3     | 0.69  | 95.7      | 35.944  | 21.7125 |
| 2009 | 6     | 5   | 9    | 13     | 45     | 0.3       | 3.3     | 0.78  | 97.7      | 35.944  | 24.5448 |
| 2009 | 6     | 5   | 9    | 23     | 45     | 0.3       | 3.3     | 0.73  | 92.6      | 35.944  | 22.9716 |
| 2009 | 6     | 5   | 9    | 33     | 45     | 0.3       | 3.3     | 0.91  | 98.5      | 35.944  | 28.3193 |
| 2009 | 6     | 5   | 9    | 43     | 45     | 0.3       | 3.3     | 0.65  | 92.6      | 35.944  | 20.4544 |
| 2009 | 6     | 5   | 9    | 53     | 45     | 0.3       | 3.3     | 0.73  | 97.5      | 35.944  | 22.8667 |
| 2009 | 6     | 5   | 10   | 3      | 45     | 0.3       | 3.3     | 0.68  | 93.3      | 35.944  | 21.3979 |
| 2009 | 6     | 5   | 10   | 13     | 45     | 0.3       | 3.3     | 0.79  | 96.7      | 35.9083 | 24.729  |
| 2009 | 6     | 5   | 10   | 23     | 45     | 0.3       | 3.3     | 0.78  | 94.6      | 35.944  | 24.4401 |
| 2009 | 6     | 5   | 10   | 33     | 45     | 0.3       | 3.3     | 0.85  | 97.6      | 35.944  | 26.5361 |
| 2009 | 6     | 5   | 10   | 43     | 45     | 0.3       | 3.3     | 0.81  | 97.7      | 35.9083 | 25.3571 |
| 2009 | 6     | 5   | 10   | 53     | 45     | 0.3       | 3.3     | 0.87  | 99.7      | 35.9083 | 27.1375 |
| 2009 | 6     | 5   | 11   | 3      | 45     | 0.3       | 3.3     | 0.83  | 95.7      | 35.9083 | 26.09   |
| 2009 | 6     | 5   | 11   | 13     | 45     | 0.3       | 3.3     | 0.87  | 99.1      | 35.9083 | 27.2423 |
| 2009 | 6     | 5   | 11   | 23     | 45     | 0.3       | 3.3     | 0.67  | 95.4      | 35.8726 | 20.8308 |
| 2009 | 6     | 5   | 11   | 33     | 45     | 0.3       | 3.3     | 0.69  | 96.3      | 35.8369 | 21.6456 |
| 2009 | 6     | 5   | 11   | 43     | 45     | 0.3       | 3.3     | 0.79  | 95.5      | 35.8369 | 24.8872 |
| 2009 | 6     | 5   | 11   | 53     | 45     | 0.3       | 3.3     | 0.84  | 98.1      | 35.8012 | 26.1141 |
| 2009 | 6     | 5   | 12   | 3      | 45     | 0.3       | 3.3     | 0.86  | 95.7      | 35.8012 | 26.8451 |
| 2009 | 6     | 5   | 12   | 13     | 45     | 0.3       | 3.3     | 0.89  | 99.5      | 35.7655 | 27.7567 |
| 2009 | 6     | 5   | 12   | 23     | 45     | 0.3       | 3.3     | 0.85  | 100       | 35.8012 | 26.4274 |
| 2009 | 6     | 5   | 12   | 33     | 45     | 0.3       | 3.3     | 0.83  | 99.8      | 35.8012 | 25.6965 |
| 2009 | 6     | 5   | 12   | 43     | 45     | 0.3       | 3.3     | 0.85  | 101.5     | 35.8012 | 26.323  |
| 2009 | 6     | 5   | 12   | 53     | 45     | 0.3       | 3.3     | 0.72  | 93.9      | 35.8012 | 22.4591 |
| 2009 | 6     | 5   | 13   | 3      | 45     | 0.3       | 3.3     | 0.82  | 97.6      | 35.8012 | 25.5922 |
| 2009 | 6     | 5   | 13   | 13     | 45     | 0.3       | 3.3     | 0.85  | 97.1      | 35.8012 | 26.6362 |
| 2009 | 6     | 5   | 13   | 23     | 45     | 0.3       | 3.3     | 0.85  | 98        | 35.8012 | 26.5318 |
| 2009 | 6     | 5   | 13   | 33     | 45     | 0.3       | 3.3     | 0.84  | 103.4     | 35.8012 | 25.5922 |
| 2009 | 6     | 5   | 13   | 43     | 45     | 0.3       | 3.3     | 0.8   | 101.4     | 35.7655 | 24.6275 |
| 2009 | 6     | 5   | 13   | 53     | 45     | 0.3       | 3.3     | 0.83  | 98.4      | 35.8012 | 25.9053 |
| 2009 | 6     | 5   | 14   | 3      | 45     | 0.3       | 3.3     | 0.76  | 96.2      | 35.8012 | 23.8183 |
| 2009 | 6     | 5   | 14   | 13     | 45     | 0.3       | 3.3     | 0.8   | 94.2      | 35.8012 | 25.1747 |
| 2009 | 6     | 5   | 14   | 23     | 45     | 0.3       | 3.3     | 0.77  | 94.6      | 35.8012 | 24.1313 |
| 2009 | 6     | 5   | 14   | 33     | 45     | 0.3       | 3.3     | 0.72  | 93.7      | 35.7655 | 22.5404 |
| 2009 | 6     | 5   | 14   | 43     | 45     | 0.3       | 3.3     | 0.78  | 94.6      | 35.7655 | 24.3148 |
| 2009 | 6     | 5   | 14   | 53     | 45     | 0.3       | 3.3     | 0.84  | 96.3      | 35.8012 | 26.2186 |
| 2009 | 6     | 5   | 15   | 3      | 45     | 0.3       | 3.3     | 0.68  | 95.5      | 35.8012 | 21.31   |
| 2009 | 6     | 5   | 15   | 13     | 45     | 0.3       | 3.3     | 0.87  | 101.1     | 35.8012 | 26.7407 |
| 2009 | 6     | 5   | 15   | 23     | 45     | 0.3       | 3.3     | 0.86  | 100.7     | 35.8012 | 26.7407 |
| 2009 | 6     | 5   | 15   | 33     | 45     | 0.3       | 3.3     | 0.84  | 97.2      | 35.8012 | 26.323  |
| 2009 | 6     | 5   | 15   | 43     | 45     | 0.3       | 3.3     | 0.75  | 95.8      | 35.7655 | 23.2714 |
| 2009 | 6     | 5   | 15   | 53     | 45     | 0.3       | 3.3     | 0.81  | 96.3      | 35.8012 | 25.279  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 5   | 16   | 3      | 45     | 0.3       | 3.3     | 0.78  | 97        | 35.8012 | 24.3399 |
| 2009 | 6     | 5   | 16   | 13     | 45     | 0.3       | 3.3     | 0.72  | 91.6      | 35.7655 | 22.5404 |
| 2009 | 6     | 5   | 16   | 23     | 45     | 0.3       | 3.3     | 0.78  | 95.8      | 35.7655 | 24.3148 |
| 2009 | 6     | 5   | 16   | 33     | 45     | 0.3       | 3.3     | 0.81  | 97.4      | 35.7655 | 25.253  |
| 2009 | 6     | 5   | 16   | 43     | 45     | 0.3       | 3.3     | 0.79  | 96.5      | 35.8012 | 24.5486 |
| 2009 | 6     | 5   | 16   | 53     | 45     | 0.3       | 3.3     | 0.81  | 95.5      | 35.7655 | 25.4616 |
| 2009 | 6     | 5   | 17   | 3      | 45     | 0.3       | 3.3     | 0.82  | 93.9      | 35.7655 | 25.5658 |
| 2009 | 6     | 5   | 17   | 13     | 45     | 0.3       | 3.3     | 0.7   | 94        | 35.7655 | 22.0184 |
| 2009 | 6     | 5   | 17   | 23     | 45     | 0.3       | 3.3     | 0.82  | 96.7      | 35.7655 | 25.5658 |
| 2009 | 6     | 5   | 17   | 33     | 45     | 0.3       | 3.3     | 0.87  | 97.8      | 35.7655 | 27.0262 |
| 2009 | 6     | 5   | 17   | 43     | 45     | 0.3       | 3.3     | 0.82  | 96.7      | 35.7655 | 25.5658 |
| 2009 | 6     | 5   | 17   | 53     | 45     | 0.3       | 3.3     | 0.71  | 94.5      | 35.7655 | 22.3316 |
| 2009 | 6     | 5   | 18   | 3      | 45     | 0.3       | 3.3     | 0.86  | 96.8      | 35.7655 | 26.9218 |
| 2009 | 6     | 5   | 18   | 13     | 45     | 0.3       | 3.3     | 0.72  | 92.4      | 35.7655 | 22.436  |
| 2009 | 6     | 5   | 18   | 23     | 45     | 0.3       | 3.3     | 0.81  | 93.5      | 35.7298 | 25.227  |
| 2009 | 6     | 5   | 18   | 33     | 45     | 0.3       | 3.3     | 0.7   | 94        | 35.7298 | 21.9957 |
| 2009 | 6     | 5   | 18   | 43     | 45     | 0.3       | 3.3     | 0.73  | 94.4      | 35.7298 | 22.83   |
| 2009 | 6     | 5   | 18   | 53     | 45     | 0.3       | 3.3     | 0.7   | 95.1      | 35.7298 | 21.9957 |
| 2009 | 6     | 5   | 19   | 3      | 45     | 0.3       | 3.3     | 0.67  | 92        | 35.7298 | 21.0576 |
| 2009 | 6     | 5   | 19   | 13     | 45     | 0.3       | 3.3     | 0.77  | 95.3      | 35.7298 | 24.1857 |
| 2009 | 6     | 5   | 19   | 23     | 45     | 0.3       | 3.3     | 0.69  | 93.8      | 35.7298 | 21.6829 |
| 2009 | 6     | 5   | 19   | 33     | 45     | 0.3       | 3.3     | 0.87  | 95.4      | 35.7298 | 27.3111 |
| 2009 | 6     | 5   | 19   | 43     | 45     | 0.3       | 3.3     | 0.85  | 97.3      | 35.7298 | 26.373  |
| 2009 | 6     | 5   | 19   | 53     | 45     | 0.3       | 3.3     | 0.83  | 98.8      | 35.7298 | 25.852  |
| 2009 | 6     | 5   | 20   | 3      | 45     | 0.3       | 3.3     | 0.78  | 95.8      | 35.6941 | 24.3687 |
| 2009 | 6     | 5   | 20   | 13     | 45     | 0.3       | 3.3     | 0.76  | 94.9      | 35.6941 | 23.8488 |
| 2009 | 6     | 5   | 20   | 23     | 45     | 0.3       | 3.3     | 0.81  | 98.1      | 35.6941 | 25.201  |
| 2009 | 6     | 5   | 20   | 33     | 45     | 0.3       | 3.3     | 0.84  | 95.8      | 35.6941 | 26.3458 |
| 2009 | 6     | 5   | 20   | 43     | 45     | 0.3       | 3.3     | 0.79  | 95.5      | 35.6941 | 24.5768 |
| 2009 | 6     | 5   | 20   | 53     | 45     | 0.3       | 3.3     | 0.83  | 97.9      | 35.6941 | 25.8254 |
| 2009 | 6     | 5   | 21   | 3      | 45     | 0.3       | 3.3     | 0.78  | 96.3      | 35.6941 | 24.3687 |
| 2009 | 6     | 5   | 21   | 13     | 45     | 0.3       | 3.3     | 0.76  | 97.2      | 35.6941 | 23.7446 |
| 2009 | 6     | 5   | 21   | 23     | 45     | 0.3       | 3.3     | 0.71  | 95.3      | 35.6941 | 22.2854 |
| 2009 | 6     | 5   | 21   | 33     | 45     | 0.3       | 3.3     | 0.73  | 95.7      | 35.6941 | 22.8064 |
| 2009 | 6     | 5   | 21   | 43     | 45     | 0.3       | 3.3     | 0.69  | 91.9      | 35.6941 | 21.5564 |
| 2009 | 6     | 5   | 21   | 53     | 45     | 0.3       | 3.3     | 0.83  | 98.2      | 35.6583 | 25.5908 |
| 2009 | 6     | 5   | 22   | 3      | 45     | 0.3       | 3.3     | 0.8   | 96.1      | 35.6583 | 24.8632 |
| 2009 | 6     | 5   | 22   | 13     | 45     | 0.3       | 3.3     | 0.71  | 92.1      | 35.6583 | 22.1583 |
| 2009 | 6     | 5   | 22   | 23     | 45     | 0.3       | 3.3     | 0.78  | 93.9      | 35.6583 | 24.2397 |
| 2009 | 6     | 5   | 22   | 33     | 45     | 0.3       | 3.3     | 0.67  | 95.4      | 35.6583 | 20.7021 |
| 2009 | 6     | 5   | 22   | 43     | 45     | 0.3       | 3.3     | 0.7   | 94        | 35.6583 | 21.8461 |
| 2009 | 6     | 5   | 22   | 53     | 45     | 0.3       | 3.3     | 0.86  | 97.5      | 35.6583 | 26.6306 |
| 2009 | 6     | 5   | 23   | 3      | 45     | 0.3       | 3.3     | 0.88  | 99.7      | 35.6583 | 27.0467 |
| 2009 | 6     | 5   | 23   | 13     | 45     | 0.3       | 3.3     | 0.85  | 98.9      | 35.6583 | 26.3186 |
| 2009 | 6     | 5   | 23   | 23     | 45     | 0.3       | 3.3     | 0.86  | 97        | 35.6583 | 26.7346 |
| 2009 | 6     | 5   | 23   | 33     | 45     | 0.3       | 3.3     | 0.83  | 98.5      | 35.6583 | 25.5908 |
| 2009 | 6     | 5   | 23   | 43     | 45     | 0.3       | 3.3     | 0.7   | 93        | 35.6583 | 21.7421 |
| 2009 | 6     | 5   | 23   | 53     | 45     | 0.3       | 3.3     | 0.83  | 97.5      | 35.6583 | 25.7987 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 6   | 0    | 3      | 45     | 0.3       | 3.3     | 0.66  | 95.1      | 35.6583 | 20.5981 |
| 2009 | 6     | 6   | 0    | 13     | 45     | 0.3       | 3.3     | 0.77  | 95.1      | 35.6226 | 24.0071 |
| 2009 | 6     | 6   | 0    | 23     | 45     | 0.3       | 3.3     | 0.87  | 98        | 35.6226 | 27.0187 |
| 2009 | 6     | 6   | 0    | 33     | 45     | 0.3       | 3.3     | 0.85  | 99.1      | 35.6226 | 26.1875 |
| 2009 | 6     | 6   | 0    | 43     | 45     | 0.3       | 3.3     | 0.79  | 101.3     | 35.6226 | 24.2146 |
| 2009 | 6     | 6   | 0    | 53     | 45     | 0.3       | 3.3     | 0.79  | 97.2      | 35.6226 | 24.526  |
| 2009 | 6     | 6   | 1    | 3      | 45     | 0.3       | 3.3     | 0.82  | 96.2      | 35.6226 | 25.5643 |
| 2009 | 6     | 6   | 1    | 13     | 45     | 0.3       | 3.3     | 0.74  | 95.3      | 35.6226 | 23.0712 |
| 2009 | 6     | 6   | 1    | 23     | 45     | 0.3       | 3.3     | 0.92  | 97.4      | 35.6226 | 28.682  |
| 2009 | 6     | 6   | 1    | 33     | 45     | 0.3       | 3.3     | 0.79  | 96.2      | 35.6226 | 24.6298 |
| 2009 | 6     | 6   | 1    | 43     | 45     | 0.3       | 3.3     | 0.77  | 96.9      | 35.6226 | 23.7995 |
| 2009 | 6     | 6   | 1    | 53     | 45     | 0.3       | 3.3     | 0.88  | 97.7      | 35.6226 | 27.2266 |
| 2009 | 6     | 6   | 2    | 3      | 45     | 0.3       | 3.3     | 0.87  | 98.3      | 35.6226 | 26.8109 |
| 2009 | 6     | 6   | 2    | 13     | 45     | 0.3       | 3.3     | 0.88  | 97.9      | 35.6226 | 27.3305 |
| 2009 | 6     | 6   | 2    | 23     | 45     | 0.3       | 3.3     | 0.79  | 95.5      | 35.6226 | 24.6298 |
| 2009 | 6     | 6   | 2    | 33     | 45     | 0.3       | 3.3     | 0.72  | 96.1      | 35.6226 | 22.2393 |
| 2009 | 6     | 6   | 2    | 43     | 45     | 0.3       | 3.3     | 0.8   | 98.1      | 35.5869 | 24.6043 |
| 2009 | 6     | 6   | 2    | 53     | 45     | 0.3       | 3.3     | 0.76  | 93.9      | 35.5869 | 23.7748 |
| 2009 | 6     | 6   | 3    | 3      | 45     | 0.3       | 3.3     | 0.82  | 98.6      | 35.5869 | 25.2266 |
| 2009 | 6     | 6   | 3    | 13     | 45     | 0.3       | 3.3     | 0.8   | 96.1      | 35.5869 | 24.8117 |
| 2009 | 6     | 6   | 3    | 23     | 45     | 0.3       | 3.3     | 0.77  | 101.5     | 35.5869 | 23.6709 |
| 2009 | 6     | 6   | 3    | 33     | 45     | 0.3       | 3.3     | 0.78  | 95.3      | 35.5869 | 24.1896 |
| 2009 | 6     | 6   | 3    | 43     | 45     | 0.3       | 3.3     | 0.79  | 97.4      | 35.5869 | 24.3969 |
| 2009 | 6     | 6   | 3    | 53     | 45     | 0.3       | 3.3     | 0.8   | 98.1      | 35.5869 | 24.6043 |
| 2009 | 6     | 6   | 4    | 3      | 45     | 0.3       | 3.3     | 0.81  | 98.4      | 35.5869 | 25.1229 |
| 2009 | 6     | 6   | 4    | 13     | 45     | 0.3       | 3.3     | 0.72  | 94.2      | 35.5869 | 22.5278 |
| 2009 | 6     | 6   | 4    | 23     | 45     | 0.3       | 3.3     | 0.87  | 99.1      | 35.5869 | 26.9908 |
| 2009 | 6     | 6   | 4    | 33     | 45     | 0.3       | 3.3     | 0.76  | 96        | 35.5869 | 23.5669 |
| 2009 | 6     | 6   | 4    | 43     | 45     | 0.3       | 3.3     | 0.79  | 99        | 35.5869 | 24.5006 |
| 2009 | 6     | 6   | 4    | 53     | 45     | 0.3       | 3.3     | 0.66  | 93.7      | 35.5869 | 20.6592 |
| 2009 | 6     | 6   | 5    | 3      | 45     | 0.3       | 3.3     | 0.82  | 97.5      | 35.5869 | 25.5379 |
| 2009 | 6     | 6   | 5    | 13     | 45     | 0.3       | 3.3     | 0.86  | 99        | 35.5869 | 26.6793 |
| 2009 | 6     | 6   | 5    | 23     | 45     | 0.3       | 3.3     | 0.71  | 94        | 35.5869 | 22.1124 |
| 2009 | 6     | 6   | 5    | 33     | 45     | 0.3       | 3.3     | 0.84  | 98.8      | 35.5869 | 25.9529 |
| 2009 | 6     | 6   | 5    | 43     | 45     | 0.3       | 3.3     | 0.81  | 98.6      | 35.5869 | 25.0192 |
| 2009 | 6     | 6   | 5    | 53     | 45     | 0.3       | 3.3     | 0.63  | 92.4      | 35.5869 | 19.6221 |
| 2009 | 6     | 6   | 6    | 3      | 45     | 0.3       | 3.3     | 0.65  | 93.2      | 35.5869 | 20.348  |
| 2009 | 6     | 6   | 6    | 13     | 45     | 0.3       | 3.3     | 0.8   | 94.2      | 35.5869 | 24.9155 |
| 2009 | 6     | 6   | 6    | 23     | 45     | 0.3       | 3.3     | 0.69  | 95.2      | 35.5869 | 21.2818 |
| 2009 | 6     | 6   | 6    | 33     | 45     | 0.3       | 3.3     | 0.76  | 92.7      | 35.5869 | 23.5669 |
| 2009 | 6     | 6   | 6    | 43     | 45     | 0.3       | 3.3     | 0.76  | 94.7      | 35.5869 | 23.7748 |
| 2009 | 6     | 6   | 6    | 53     | 45     | 0.3       | 3.3     | 0.7   | 95.1      | 35.5869 | 21.9047 |
| 2009 | 6     | 6   | 7    | 3      | 45     | 0.3       | 3.3     | 0.76  | 98.2      | 35.5869 | 23.463  |
| 2009 | 6     | 6   | 7    | 13     | 45     | 0.3       | 3.3     | 0.8   | 97.3      | 35.5869 | 24.708  |
| 2009 | 6     | 6   | 7    | 23     | 45     | 0.3       | 3.3     | 0.84  | 97.8      | 35.5869 | 26.0566 |
| 2009 | 6     | 6   | 7    | 33     | 45     | 0.3       | 3.3     | 0.78  | 98.2      | 35.5869 | 24.1896 |
| 2009 | 6     | 6   | 7    | 43     | 45     | 0.3       | 3.3     | 0.77  | 95.1      | 35.5869 | 24.0859 |
| 2009 | 6     | 6   | 7    | 53     | 45     | 0.3       | 3.3     | 0.8   | 96.2      | 35.5869 | 24.708  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 6   | 8    | 3      | 45     | 0.3       | 3.3     | 0.83  | 98.4      | 35.5869 | 25.6416 |
| 2009 | 6     | 6   | 8    | 13     | 45     | 0.3       | 3.3     | 0.75  | 95.3      | 35.5869 | 23.359  |
| 2009 | 6     | 6   | 8    | 23     | 45     | 0.3       | 3.3     | 0.77  | 95.4      | 35.5869 | 23.9822 |
| 2009 | 6     | 6   | 8    | 33     | 45     | 0.3       | 3.3     | 0.81  | 97.9      | 35.5869 | 25.2266 |
| 2009 | 6     | 6   | 8    | 43     | 45     | 0.3       | 3.3     | 0.83  | 97.3      | 35.5869 | 25.7454 |
| 2009 | 6     | 6   | 8    | 53     | 45     | 0.3       | 3.3     | 0.75  | 96.5      | 35.5869 | 23.359  |
| 2009 | 6     | 6   | 9    | 3      | 45     | 0.3       | 3.3     | 0.8   | 95.2      | 35.5869 | 24.8117 |
| 2009 | 6     | 6   | 9    | 13     | 45     | 0.3       | 3.3     | 0.78  | 95.3      | 35.5869 | 24.1896 |
| 2009 | 6     | 6   | 9    | 23     | 45     | 0.3       | 3.3     | 0.87  | 98.9      | 35.5869 | 26.7831 |
| 2009 | 6     | 6   | 9    | 33     | 45     | 0.3       | 3.3     | 0.84  | 97.4      | 35.5869 | 26.0566 |
| 2009 | 6     | 6   | 9    | 43     | 45     | 0.3       | 3.3     | 0.75  | 96.3      | 35.5869 | 23.1512 |
| 2009 | 6     | 6   | 9    | 53     | 45     | 0.3       | 3.3     | 0.78  | 96.8      | 35.5869 | 24.0859 |
| 2009 | 6     | 6   | 10   | 3      | 45     | 0.3       | 3.3     | 0.81  | 96.1      | 35.5869 | 25.1229 |
| 2009 | 6     | 6   | 10   | 13     | 45     | 0.3       | 3.3     | 0.82  | 94.4      | 35.5869 | 25.4341 |
| 2009 | 6     | 6   | 10   | 23     | 45     | 0.3       | 3.3     | 0.81  | 97        | 35.5869 | 25.0192 |
| 2009 | 6     | 6   | 10   | 33     | 45     | 0.3       | 3.3     | 0.87  | 99.1      | 35.5869 | 26.9908 |
| 2009 | 6     | 6   | 10   | 43     | 45     | 0.3       | 3.3     | 0.79  | 96.7      | 35.5869 | 24.3969 |
| 2009 | 6     | 6   | 10   | 53     | 45     | 0.3       | 3.3     | 0.8   | 93.8      | 35.5869 | 24.8117 |
| 2009 | 6     | 6   | 11   | 3      | 45     | 0.3       | 3.3     | 0.69  | 91.4      | 35.5869 | 21.4894 |
| 2009 | 6     | 6   | 11   | 13     | 45     | 0.3       | 3.3     | 0.78  | 94.1      | 35.5869 | 24.3969 |
| 2009 | 6     | 6   | 11   | 23     | 45     | 0.3       | 3.3     | 0.77  | 95.1      | 35.5869 | 24.0859 |
| 2009 | 6     | 6   | 11   | 33     | 45     | 0.3       | 3.3     | 0.83  | 96.8      | 35.5869 | 25.8491 |
| 2009 | 6     | 6   | 11   | 43     | 45     | 0.3       | 3.3     | 0.81  | 99        | 35.5869 | 25.1229 |
| 2009 | 6     | 6   | 11   | 53     | 45     | 0.3       | 3.3     | 0.79  | 96.9      | 35.5869 | 24.3969 |
| 2009 | 6     | 6   | 12   | 3      | 45     | 0.3       | 3.3     | 0.81  | 100.1     | 35.5869 | 24.8117 |
| 2009 | 6     | 6   | 12   | 13     | 45     | 0.3       | 3.3     | 0.82  | 99.4      | 35.5869 | 25.4341 |
| 2009 | 6     | 6   | 12   | 23     | 45     | 0.3       | 3.3     | 0.77  | 97.1      | 35.5869 | 23.9822 |
| 2009 | 6     | 6   | 12   | 33     | 45     | 0.3       | 3.3     | 0.81  | 98.7      | 35.5511 | 24.8896 |
| 2009 | 6     | 6   | 12   | 43     | 45     | 0.3       | 3.3     | 0.84  | 97.9      | 35.5511 | 25.926  |
| 2009 | 6     | 6   | 12   | 53     | 45     | 0.3       | 3.3     | 0.69  | 93.8      | 35.5511 | 21.5708 |
| 2009 | 6     | 6   | 13   | 3      | 45     | 0.3       | 3.3     | 0.86  | 98.2      | 35.5511 | 26.4443 |
| 2009 | 6     | 6   | 13   | 13     | 45     | 0.3       | 3.3     | 0.89  | 98.9      | 35.5154 | 27.3493 |
| 2009 | 6     | 6   | 13   | 23     | 45     | 0.3       | 3.3     | 0.81  | 99.8      | 35.4796 | 24.7346 |
| 2009 | 6     | 6   | 13   | 33     | 45     | 0.3       | 3.3     | 0.78  | 100.2     | 35.4796 | 23.8043 |
| 2009 | 6     | 6   | 13   | 43     | 45     | 0.3       | 3.3     | 0.86  | 100.8     | 35.4796 | 26.286  |
| 2009 | 6     | 6   | 13   | 53     | 45     | 0.3       | 3.3     | 0.87  | 99.1      | 35.4796 | 26.8034 |
| 2009 | 6     | 6   | 14   | 3      | 45     | 0.3       | 3.3     | 0.85  | 102.1     | 35.4796 | 25.7688 |
| 2009 | 6     | 6   | 14   | 13     | 45     | 0.3       | 3.3     | 0.88  | 99.3      | 35.4796 | 27.0104 |
| 2009 | 6     | 6   | 14   | 23     | 45     | 0.3       | 3.3     | 0.89  | 98.9      | 35.4796 | 27.5279 |
| 2009 | 6     | 6   | 14   | 33     | 45     | 0.3       | 3.3     | 0.83  | 99.4      | 35.4796 | 25.4585 |
| 2009 | 6     | 6   | 14   | 43     | 45     | 0.3       | 3.3     | 0.87  | 97.6      | 35.4796 | 26.9069 |
| 2009 | 6     | 6   | 14   | 53     | 45     | 0.3       | 3.3     | 0.83  | 99.4      | 35.4796 | 25.4585 |
| 2009 | 6     | 6   | 15   | 3      | 45     | 0.3       | 3.3     | 0.88  | 100.5     | 35.4439 | 26.9823 |
| 2009 | 6     | 6   | 15   | 13     | 45     | 0.3       | 3.3     | 0.81  | 99.6      | 35.4439 | 24.7089 |
| 2009 | 6     | 6   | 15   | 23     | 45     | 0.3       | 3.3     | 0.86  | 98.8      | 35.4439 | 26.3621 |
| 2009 | 6     | 6   | 15   | 33     | 45     | 0.3       | 3.3     | 0.81  | 100.3     | 35.4439 | 24.7089 |
| 2009 | 6     | 6   | 15   | 43     | 45     | 0.3       | 3.3     | 0.86  | 100.3     | 35.4439 | 26.3621 |
| 2009 | 6     | 6   | 15   | 53     | 45     | 0.3       | 3.3     | 0.85  | 98.7      | 35.4439 | 26.1554 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 6   | 16   | 3      | 45     | 0.3       | 3.3     | 0.88  | 99        | 35.4439 | 27.1891 |
| 2009 | 6     | 6   | 16   | 13     | 45     | 0.3       | 3.3     | 0.84  | 98.6      | 35.4796 | 25.7688 |
| 2009 | 6     | 6   | 16   | 23     | 45     | 0.3       | 3.3     | 0.83  | 99.8      | 35.4439 | 25.5353 |
| 2009 | 6     | 6   | 16   | 33     | 45     | 0.3       | 3.3     | 0.89  | 97        | 35.4439 | 27.6027 |
| 2009 | 6     | 6   | 16   | 43     | 45     | 0.3       | 3.3     | 0.87  | 98.5      | 35.4439 | 26.6722 |
| 2009 | 6     | 6   | 16   | 53     | 45     | 0.3       | 3.3     | 0.81  | 99.1      | 35.4439 | 24.9155 |
| 2009 | 6     | 6   | 17   | 3      | 45     | 0.3       | 3.3     | 0.91  | 96.4      | 35.4439 | 28.3267 |
| 2009 | 6     | 6   | 17   | 13     | 45     | 0.3       | 3.3     | 0.79  | 98.8      | 35.4439 | 24.2958 |
| 2009 | 6     | 6   | 17   | 23     | 45     | 0.3       | 3.3     | 0.83  | 99.8      | 35.4439 | 25.3287 |
| 2009 | 6     | 6   | 17   | 33     | 45     | 0.3       | 3.3     | 0.89  | 101.3     | 35.4439 | 27.1891 |
| 2009 | 6     | 6   | 17   | 43     | 45     | 0.3       | 3.3     | 0.82  | 95.7      | 35.4796 | 25.5619 |
| 2009 | 6     | 6   | 17   | 53     | 45     | 0.3       | 3.3     | 0.78  | 94.6      | 35.4439 | 24.2958 |
| 2009 | 6     | 6   | 18   | 3      | 45     | 0.3       | 3.3     | 0.81  | 95.8      | 35.4796 | 25.2516 |
| 2009 | 6     | 6   | 18   | 13     | 45     | 0.3       | 3.3     | 0.84  | 99        | 35.4439 | 25.742  |
| 2009 | 6     | 6   | 18   | 23     | 45     | 0.3       | 3.3     | 0.84  | 99        | 35.4439 | 25.742  |
| 2009 | 6     | 6   | 18   | 33     | 45     | 0.3       | 3.3     | 0.84  | 100.8     | 35.4439 | 25.6387 |
| 2009 | 6     | 6   | 18   | 43     | 45     | 0.3       | 3.3     | 0.83  | 99.1      | 35.4439 | 25.5353 |
| 2009 | 6     | 6   | 18   | 53     | 45     | 0.3       | 3.3     | 0.89  | 99.5      | 35.4439 | 27.3959 |
| 2009 | 6     | 6   | 19   | 3      | 45     | 0.3       | 3.3     | 0.85  | 97.3      | 35.4796 | 26.3895 |
| 2009 | 6     | 6   | 19   | 13     | 45     | 0.3       | 3.3     | 0.79  | 97.1      | 35.4439 | 24.5023 |
| 2009 | 6     | 6   | 19   | 23     | 45     | 0.3       | 3.3     | 0.81  | 97.7      | 35.4439 | 25.0188 |
| 2009 | 6     | 6   | 19   | 33     | 45     | 0.3       | 3.3     | 0.74  | 98.7      | 35.4439 | 22.7446 |
| 2009 | 6     | 6   | 19   | 43     | 45     | 0.3       | 3.3     | 0.87  | 98.6      | 35.4439 | 26.8789 |
| 2009 | 6     | 6   | 19   | 53     | 45     | 0.3       | 3.3     | 0.72  | 93.9      | 35.4439 | 22.2273 |
| 2009 | 6     | 6   | 20   | 3      | 45     | 0.3       | 3.3     | 0.67  | 94.8      | 35.4796 | 20.5948 |
| 2009 | 6     | 6   | 20   | 13     | 45     | 0.3       | 3.3     | 0.79  | 97.2      | 35.4796 | 24.3211 |
| 2009 | 6     | 6   | 20   | 23     | 45     | 0.3       | 3.3     | 0.72  | 94.4      | 35.4439 | 22.4342 |
| 2009 | 6     | 6   | 20   | 33     | 45     | 0.3       | 3.3     | 0.67  | 90        | 35.4796 | 20.6982 |
| 2009 | 6     | 6   | 20   | 43     | 45     | 0.3       | 3.3     | 0.73  | 94.4      | 35.4796 | 22.7683 |
| 2009 | 6     | 6   | 20   | 53     | 45     | 0.3       | 3.3     | 0.74  | 95.6      | 35.4796 | 22.9755 |
| 2009 | 6     | 6   | 21   | 3      | 45     | 0.3       | 3.3     | 0.73  | 95.2      | 35.4439 | 22.5377 |
| 2009 | 6     | 6   | 21   | 13     | 45     | 0.3       | 3.3     | 0.66  | 93.4      | 35.4796 | 20.388  |
| 2009 | 6     | 6   | 21   | 23     | 45     | 0.3       | 3.3     | 0.8   | 96.4      | 35.4796 | 24.7346 |
| 2009 | 6     | 6   | 21   | 33     | 45     | 0.3       | 3.3     | 0.68  | 92.2      | 35.4796 | 21.0086 |
| 2009 | 6     | 6   | 21   | 43     | 45     | 0.3       | 3.3     | 0.71  | 94.2      | 35.4796 | 22.0435 |
| 2009 | 6     | 6   | 21   | 53     | 45     | 0.3       | 3.3     | 0.76  | 95.2      | 35.4796 | 23.5971 |
| 2009 | 6     | 6   | 22   | 3      | 45     | 0.3       | 3.3     | 0.72  | 95.2      | 35.4796 | 22.3541 |
| 2009 | 6     | 6   | 22   | 13     | 45     | 0.3       | 3.3     | 0.8   | 96.2      | 35.4796 | 24.6312 |
| 2009 | 6     | 6   | 22   | 23     | 45     | 0.3       | 3.3     | 0.76  | 93.5      | 35.4796 | 23.4935 |
| 2009 | 6     | 6   | 22   | 33     | 45     | 0.3       | 3.3     | 0.68  | 92.2      | 35.4796 | 21.2155 |
| 2009 | 6     | 6   | 22   | 43     | 45     | 0.3       | 3.3     | 0.71  | 94.5      | 35.4796 | 21.94   |
| 2009 | 6     | 6   | 22   | 53     | 45     | 0.3       | 3.3     | 0.78  | 92.7      | 35.4796 | 24.1144 |
| 2009 | 6     | 6   | 23   | 3      | 45     | 0.3       | 3.3     | 0.85  | 98.2      | 35.4796 | 26.1826 |
| 2009 | 6     | 6   | 23   | 13     | 45     | 0.3       | 3.3     | 0.77  | 98.6      | 35.4796 | 23.5971 |
| 2009 | 6     | 6   | 23   | 23     | 45     | 0.3       | 3.3     | 0.81  | 97.2      | 35.4796 | 24.9414 |
| 2009 | 6     | 6   | 23   | 33     | 45     | 0.3       | 3.3     | 0.74  | 95.9      | 35.4796 | 22.8719 |
| 2009 | 6     | 6   | 23   | 43     | 45     | 0.3       | 3.3     | 0.68  | 94.7      | 35.4796 | 21.112  |
| 2009 | 6     | 6   | 23   | 53     | 45     | 0.3       | 3.3     | 0.76  | 96        | 35.4796 | 23.3899 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 7   | 0    | 3      | 45     | 0.3       | 3.3     | 0.76  | 99.5      | 35.4796 | 23.1827 |
| 2009 | 6     | 7   | 0    | 13     | 45     | 0.3       | 3.3     | 0.8   | 94.2      | 35.4796 | 24.9414 |
| 2009 | 6     | 7   | 0    | 23     | 45     | 0.3       | 3.3     | 0.75  | 95.8      | 35.4796 | 23.1827 |
| 2009 | 6     | 7   | 0    | 33     | 45     | 0.3       | 3.3     | 0.79  | 94.3      | 35.5154 | 24.6568 |
| 2009 | 6     | 7   | 0    | 43     | 45     | 0.3       | 3.3     | 0.82  | 95.3      | 35.5154 | 25.5885 |
| 2009 | 6     | 7   | 0    | 53     | 45     | 0.3       | 3.3     | 0.77  | 96.4      | 35.5511 | 23.7501 |
| 2009 | 6     | 7   | 1    | 3      | 45     | 0.3       | 3.3     | 0.77  | 95.1      | 35.5511 | 23.9574 |
| 2009 | 6     | 7   | 1    | 13     | 45     | 0.3       | 3.3     | 0.66  | 93.1      | 35.5511 | 20.5341 |
| 2009 | 6     | 7   | 1    | 23     | 45     | 0.3       | 3.3     | 0.76  | 94.7      | 35.5869 | 23.7748 |
| 2009 | 6     | 7   | 1    | 33     | 45     | 0.3       | 3.3     | 0.71  | 92.1      | 35.5869 | 22.2162 |
| 2009 | 6     | 7   | 1    | 43     | 45     | 0.3       | 3.3     | 0.76  | 96.9      | 35.6226 | 23.5914 |
| 2009 | 6     | 7   | 1    | 53     | 45     | 0.3       | 3.3     | 0.74  | 94.3      | 35.6226 | 23.0712 |
| 2009 | 6     | 7   | 2    | 3      | 45     | 0.3       | 3.3     | 0.81  | 96.8      | 35.6226 | 25.0451 |
| 2009 | 6     | 7   | 2    | 13     | 45     | 0.3       | 3.3     | 0.83  | 93.9      | 35.6226 | 25.772  |
| 2009 | 6     | 7   | 2    | 23     | 45     | 0.3       | 3.3     | 0.89  | 97.2      | 35.6226 | 27.5384 |
| 2009 | 6     | 7   | 2    | 33     | 45     | 0.3       | 3.3     | 0.73  | 93.4      | 35.6226 | 22.7592 |
| 2009 | 6     | 7   | 2    | 43     | 45     | 0.3       | 3.3     | 0.68  | 96.1      | 35.6226 | 21.0961 |
| 2009 | 6     | 7   | 2    | 53     | 45     | 0.3       | 3.3     | 0.86  | 97.3      | 35.6226 | 26.6031 |
| 2009 | 6     | 7   | 3    | 3      | 45     | 0.3       | 3.3     | 0.7   | 90.8      | 35.6583 | 21.7421 |
| 2009 | 6     | 7   | 3    | 13     | 45     | 0.3       | 3.3     | 0.86  | 95.7      | 35.6226 | 26.9148 |
| 2009 | 6     | 7   | 3    | 23     | 45     | 0.3       | 3.3     | 0.7   | 92.7      | 35.6226 | 21.8235 |
| 2009 | 6     | 7   | 3    | 33     | 45     | 0.3       | 3.3     | 0.81  | 97.4      | 35.6226 | 25.2528 |
| 2009 | 6     | 7   | 3    | 43     | 45     | 0.3       | 3.3     | 0.77  | 95.1      | 35.6583 | 24.0319 |
| 2009 | 6     | 7   | 3    | 53     | 45     | 0.3       | 3.3     | 0.77  | 94.9      | 35.6583 | 24.0319 |
| 2009 | 6     | 7   | 4    | 3      | 45     | 0.3       | 3.3     | 0.84  | 97.4      | 35.6583 | 26.1106 |
| 2009 | 6     | 7   | 4    | 13     | 45     | 0.3       | 3.3     | 0.7   | 94.6      | 35.6226 | 21.8235 |
| 2009 | 6     | 7   | 4    | 23     | 45     | 0.3       | 3.3     | 0.67  | 94.5      | 35.6583 | 20.91   |
| 2009 | 6     | 7   | 4    | 33     | 45     | 0.3       | 3.3     | 0.89  | 97.2      | 35.6583 | 27.5669 |
| 2009 | 6     | 7   | 4    | 43     | 45     | 0.3       | 3.3     | 0.82  | 95.5      | 35.6583 | 25.4868 |
| 2009 | 6     | 7   | 4    | 53     | 45     | 0.3       | 3.3     | 0.77  | 94.9      | 35.6583 | 23.928  |
| 2009 | 6     | 7   | 5    | 3      | 45     | 0.3       | 3.3     | 0.8   | 96.6      | 35.6583 | 24.8632 |
| 2009 | 6     | 7   | 5    | 13     | 45     | 0.3       | 3.3     | 0.85  | 98.2      | 35.6583 | 26.3186 |
| 2009 | 6     | 7   | 5    | 23     | 45     | 0.3       | 3.3     | 0.7   | 92.4      | 35.6583 | 21.9502 |
| 2009 | 6     | 7   | 5    | 33     | 45     | 0.3       | 3.3     | 0.79  | 96.7      | 35.6583 | 24.5514 |
| 2009 | 6     | 7   | 5    | 43     | 45     | 0.3       | 3.3     | 0.7   | 94.5      | 35.6583 | 21.9502 |
| 2009 | 6     | 7   | 5    | 53     | 45     | 0.3       | 3.3     | 0.83  | 94.6      | 35.6583 | 25.7987 |
| 2009 | 6     | 7   | 6    | 3      | 45     | 0.3       | 3.3     | 0.7   | 95.1      | 35.6583 | 21.8461 |
| 2009 | 6     | 7   | 6    | 13     | 45     | 0.3       | 3.3     | 0.74  | 93.6      | 35.6583 | 23.0952 |
| 2009 | 6     | 7   | 6    | 23     | 45     | 0.3       | 3.3     | 0.85  | 99.4      | 35.6583 | 26.2146 |
| 2009 | 6     | 7   | 6    | 33     | 45     | 0.3       | 3.3     | 0.67  | 93.9      | 35.6583 | 20.91   |
| 2009 | 6     | 7   | 6    | 43     | 45     | 0.3       | 3.3     | 0.82  | 96.5      | 35.6583 | 25.3828 |
| 2009 | 6     | 7   | 6    | 53     | 45     | 0.3       | 3.3     | 0.87  | 98.9      | 35.6941 | 26.8664 |
| 2009 | 6     | 7   | 7    | 3      | 45     | 0.3       | 3.3     | 0.81  | 96        | 35.6583 | 25.2789 |
| 2009 | 6     | 7   | 7    | 13     | 45     | 0.3       | 3.3     | 0.83  | 99.5      | 35.6941 | 25.7213 |
| 2009 | 6     | 7   | 7    | 23     | 45     | 0.3       | 3.3     | 0.83  | 98.8      | 35.6941 | 25.8254 |
| 2009 | 6     | 7   | 7    | 33     | 45     | 0.3       | 3.3     | 0.8   | 99.7      | 35.6941 | 24.7848 |
| 2009 | 6     | 7   | 7    | 43     | 45     | 0.3       | 3.3     | 0.85  | 100       | 35.6941 | 26.3458 |
| 2009 | 6     | 7   | 7    | 53     | 45     | 0.3       | 3.3     | 0.82  | 97.8      | 35.6941 | 25.4091 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 7   | 8    | 3      | 45     | 0.3       | 3.3     | 0.85  | 98.4      | 35.6941 | 26.4499 |
| 2009 | 6     | 7   | 8    | 13     | 45     | 0.3       | 3.3     | 0.75  | 95.3      | 35.6941 | 23.3276 |
| 2009 | 6     | 7   | 8    | 23     | 45     | 0.3       | 3.3     | 0.77  | 96.1      | 35.6941 | 24.0567 |
| 2009 | 6     | 7   | 8    | 33     | 45     | 0.3       | 3.3     | 0.83  | 98.4      | 35.6941 | 25.8254 |
| 2009 | 6     | 7   | 8    | 43     | 45     | 0.3       | 3.3     | 0.69  | 95.2      | 35.7298 | 21.3702 |
| 2009 | 6     | 7   | 8    | 53     | 45     | 0.3       | 3.3     | 0.73  | 93.6      | 35.7298 | 22.9344 |
| 2009 | 6     | 7   | 9    | 3      | 45     | 0.3       | 3.3     | 0.77  | 94.9      | 35.6941 | 23.9528 |
| 2009 | 6     | 7   | 9    | 13     | 45     | 0.3       | 3.3     | 0.77  | 95.6      | 35.7298 | 24.0816 |
| 2009 | 6     | 7   | 9    | 23     | 45     | 0.3       | 3.3     | 0.85  | 96.4      | 35.7298 | 26.5814 |
| 2009 | 6     | 7   | 9    | 33     | 45     | 0.3       | 3.3     | 0.82  | 97.6      | 35.7298 | 25.5395 |
| 2009 | 6     | 7   | 9    | 43     | 45     | 0.3       | 3.3     | 0.87  | 96.9      | 35.7298 | 27.2068 |
| 2009 | 6     | 7   | 9    | 53     | 45     | 0.3       | 3.3     | 0.86  | 99        | 35.7298 | 26.7899 |
| 2009 | 6     | 7   | 10   | 3      | 45     | 0.3       | 3.3     | 0.82  | 95.5      | 35.7298 | 25.7478 |
| 2009 | 6     | 7   | 10   | 13     | 45     | 0.3       | 3.3     | 0.69  | 94.9      | 35.7298 | 21.5787 |
| 2009 | 6     | 7   | 10   | 23     | 45     | 0.3       | 3.3     | 0.85  | 95.8      | 35.7298 | 26.4772 |
| 2009 | 6     | 7   | 10   | 33     | 45     | 0.3       | 3.3     | 0.73  | 94.9      | 35.7655 | 22.7492 |
| 2009 | 6     | 7   | 10   | 43     | 45     | 0.3       | 3.3     | 0.82  | 97.6      | 35.7655 | 25.4616 |
| 2009 | 6     | 7   | 10   | 53     | 45     | 0.3       | 3.3     | 0.88  | 99.3      | 35.7655 | 27.2349 |
| 2009 | 6     | 7   | 11   | 3      | 45     | 0.3       | 3.3     | 0.87  | 99.1      | 35.7655 | 27.1305 |
| 2009 | 6     | 7   | 11   | 13     | 45     | 0.3       | 3.3     | 0.86  | 99.2      | 35.7655 | 26.8175 |
| 2009 | 6     | 7   | 11   | 23     | 45     | 0.3       | 3.3     | 0.8   | 99.7      | 35.7655 | 24.7318 |
| 2009 | 6     | 7   | 11   | 33     | 45     | 0.3       | 3.3     | 0.86  | 101.7     | 35.7655 | 26.5045 |
| 2009 | 6     | 7   | 11   | 43     | 45     | 0.3       | 3.3     | 0.85  | 100.4     | 35.7655 | 26.4002 |
| 2009 | 6     | 7   | 11   | 53     | 45     | 0.3       | 3.3     | 0.84  | 99.4      | 35.7655 | 26.0873 |
| 2009 | 6     | 7   | 12   | 3      | 45     | 0.3       | 3.3     | 0.87  | 100.8     | 35.8012 | 26.9496 |
| 2009 | 6     | 7   | 12   | 13     | 45     | 0.3       | 3.3     | 0.87  | 101.1     | 35.7655 | 26.7132 |
| 2009 | 6     | 7   | 12   | 23     | 45     | 0.3       | 3.3     | 0.81  | 97.7      | 35.8012 | 25.279  |
| 2009 | 6     | 7   | 12   | 33     | 45     | 0.3       | 3.3     | 0.84  | 100.2     | 35.8012 | 25.9053 |
| 2009 | 6     | 7   | 12   | 43     | 45     | 0.3       | 3.3     | 0.92  | 96.5      | 35.8012 | 28.8303 |
| 2009 | 6     | 7   | 12   | 53     | 45     | 0.3       | 3.3     | 0.83  | 98.5      | 35.8012 | 25.6965 |
| 2009 | 6     | 7   | 13   | 3      | 45     | 0.3       | 3.3     | 0.84  | 95.8      | 35.8012 | 26.4274 |
| 2009 | 6     | 7   | 13   | 13     | 45     | 0.3       | 3.3     | 0.83  | 101.7     | 35.8012 | 25.4878 |
| 2009 | 6     | 7   | 13   | 23     | 45     | 0.3       | 3.3     | 0.91  | 99.1      | 35.8012 | 28.4122 |
| 2009 | 6     | 7   | 13   | 33     | 45     | 0.3       | 3.3     | 0.85  | 97.1      | 35.8369 | 26.5591 |
| 2009 | 6     | 7   | 13   | 43     | 45     | 0.3       | 3.3     | 0.82  | 97.5      | 35.8369 | 25.723  |
| 2009 | 6     | 7   | 13   | 53     | 45     | 0.3       | 3.3     | 0.84  | 99.2      | 35.8369 | 26.0365 |
| 2009 | 6     | 7   | 14   | 3      | 45     | 0.3       | 3.3     | 0.92  | 99.5      | 35.8369 | 28.5461 |
| 2009 | 6     | 7   | 14   | 13     | 45     | 0.3       | 3.3     | 0.89  | 100.6     | 35.8369 | 27.5001 |
| 2009 | 6     | 7   | 14   | 23     | 45     | 0.3       | 3.3     | 0.85  | 99.5      | 35.8369 | 26.5591 |
| 2009 | 6     | 7   | 14   | 33     | 45     | 0.3       | 3.3     | 0.83  | 98.2      | 35.8369 | 25.932  |
| 2009 | 6     | 7   | 14   | 43     | 45     | 0.3       | 3.3     | 0.84  | 98.3      | 35.8369 | 26.141  |
| 2009 | 6     | 7   | 14   | 53     | 45     | 0.3       | 3.3     | 0.71  | 94        | 35.8369 | 22.3777 |
| 2009 | 6     | 7   | 15   | 3      | 45     | 0.3       | 3.3     | 0.8   | 95.7      | 35.8369 | 24.9916 |
| 2009 | 6     | 7   | 15   | 13     | 45     | 0.3       | 3.3     | 0.87  | 99.1      | 35.8726 | 27.2143 |
| 2009 | 6     | 7   | 15   | 23     | 45     | 0.3       | 3.3     | 0.88  | 97.9      | 35.8726 | 27.633  |
| 2009 | 6     | 7   | 15   | 33     | 45     | 0.3       | 3.3     | 0.88  | 100.1     | 35.8726 | 27.2143 |
| 2009 | 6     | 7   | 15   | 43     | 45     | 0.3       | 3.3     | 0.84  | 97.4      | 35.8726 | 26.3771 |
| 2009 | 6     | 7   | 15   | 53     | 45     | 0.3       | 3.3     | 0.88  | 98.6      | 35.8726 | 27.4237 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 7   | 16   | 3      | 45     | 0.3       | 3.3     | 0.87  | 98.3      | 35.8726 | 27.1097 |
| 2009 | 6     | 7   | 16   | 13     | 45     | 0.3       | 3.3     | 0.81  | 102.4     | 35.8726 | 25.0173 |
| 2009 | 6     | 7   | 16   | 23     | 45     | 0.3       | 3.3     | 0.9   | 97.7      | 35.8726 | 28.1565 |
| 2009 | 6     | 7   | 16   | 33     | 45     | 0.3       | 3.3     | 0.85  | 100       | 35.8726 | 26.2725 |
| 2009 | 6     | 7   | 16   | 43     | 45     | 0.3       | 3.3     | 0.89  | 99.5      | 35.8726 | 27.8424 |
| 2009 | 6     | 7   | 16   | 53     | 45     | 0.3       | 3.3     | 0.81  | 99.6      | 35.8726 | 25.1219 |
| 2009 | 6     | 7   | 17   | 3      | 45     | 0.3       | 3.3     | 0.88  | 100.9     | 35.8726 | 27.319  |
| 2009 | 6     | 7   | 17   | 13     | 45     | 0.3       | 3.3     | 0.89  | 99.3      | 35.8726 | 27.7377 |
| 2009 | 6     | 7   | 17   | 23     | 45     | 0.3       | 3.3     | 0.89  | 100.4     | 35.8726 | 27.5284 |
| 2009 | 6     | 7   | 17   | 33     | 45     | 0.3       | 3.3     | 0.86  | 98.4      | 35.8726 | 26.6911 |
| 2009 | 6     | 7   | 17   | 43     | 45     | 0.3       | 3.3     | 0.86  | 99.2      | 35.8726 | 26.7957 |
| 2009 | 6     | 7   | 17   | 53     | 45     | 0.3       | 3.3     | 0.87  | 98.5      | 35.8726 | 27.005  |
| 2009 | 6     | 7   | 18   | 3      | 45     | 0.3       | 3.3     | 0.86  | 97.5      | 35.8726 | 26.9003 |
| 2009 | 6     | 7   | 18   | 13     | 45     | 0.3       | 3.3     | 0.86  | 98.7      | 35.8726 | 26.9003 |
| 2009 | 6     | 7   | 18   | 23     | 45     | 0.3       | 3.3     | 0.81  | 98.4      | 35.8726 | 25.3311 |
| 2009 | 6     | 7   | 18   | 33     | 45     | 0.3       | 3.3     | 0.84  | 97        | 35.8726 | 26.1679 |
| 2009 | 6     | 7   | 18   | 43     | 45     | 0.3       | 3.3     | 0.86  | 100.5     | 35.8726 | 26.7957 |
| 2009 | 6     | 7   | 18   | 53     | 45     | 0.3       | 3.3     | 0.83  | 100       | 35.8726 | 25.7494 |
| 2009 | 6     | 7   | 19   | 3      | 45     | 0.3       | 3.3     | 0.86  | 99.9      | 35.8726 | 26.5864 |
| 2009 | 6     | 7   | 19   | 13     | 45     | 0.3       | 3.3     | 0.87  | 99.3      | 35.8726 | 27.1097 |
| 2009 | 6     | 7   | 19   | 23     | 45     | 0.3       | 3.3     | 0.91  | 100.2     | 35.8726 | 28.2612 |
| 2009 | 6     | 7   | 19   | 33     | 45     | 0.3       | 3.3     | 0.89  | 98.5      | 35.8726 | 27.8424 |
| 2009 | 6     | 7   | 19   | 43     | 45     | 0.3       | 3.3     | 0.87  | 99.3      | 35.8726 | 27.1097 |
| 2009 | 6     | 7   | 19   | 53     | 45     | 0.3       | 3.3     | 0.81  | 97        | 35.8726 | 25.4356 |
| 2009 | 6     | 7   | 20   | 3      | 45     | 0.3       | 3.3     | 0.85  | 99.1      | 35.8726 | 26.3771 |
| 2009 | 6     | 7   | 20   | 13     | 45     | 0.3       | 3.3     | 0.93  | 99        | 35.8726 | 28.8896 |
| 2009 | 6     | 7   | 20   | 23     | 45     | 0.3       | 3.3     | 0.84  | 98        | 35.8726 | 26.3771 |
| 2009 | 6     | 7   | 20   | 33     | 45     | 0.3       | 3.3     | 0.87  | 96.5      | 35.8726 | 27.4237 |
| 2009 | 6     | 7   | 20   | 43     | 45     | 0.3       | 3.3     | 0.89  | 97.4      | 35.8726 | 27.9471 |
| 2009 | 6     | 7   | 20   | 53     | 45     | 0.3       | 3.3     | 0.84  | 98.9      | 35.8726 | 26.2725 |
| 2009 | 6     | 7   | 21   | 3      | 45     | 0.3       | 3.3     | 0.83  | 99.8      | 35.8726 | 25.7494 |
| 2009 | 6     | 7   | 21   | 13     | 45     | 0.3       | 3.3     | 0.91  | 97.9      | 35.8726 | 28.4707 |
| 2009 | 6     | 7   | 21   | 23     | 45     | 0.3       | 3.3     | 0.9   | 99.9      | 35.8726 | 27.9471 |
| 2009 | 6     | 7   | 21   | 33     | 45     | 0.3       | 3.3     | 0.91  | 100.6     | 35.8726 | 28.1565 |
| 2009 | 6     | 7   | 21   | 43     | 45     | 0.3       | 3.3     | 0.83  | 97.2      | 35.8726 | 26.0633 |
| 2009 | 6     | 7   | 21   | 53     | 45     | 0.3       | 3.3     | 0.82  | 95        | 35.8726 | 25.854  |
| 2009 | 6     | 7   | 22   | 3      | 45     | 0.3       | 3.3     | 0.84  | 96.5      | 35.8369 | 26.2455 |
| 2009 | 6     | 7   | 22   | 13     | 45     | 0.3       | 3.3     | 0.71  | 97.4      | 35.8726 | 22.2961 |
| 2009 | 6     | 7   | 22   | 23     | 45     | 0.3       | 3.3     | 0.86  | 100.3     | 35.8369 | 26.6636 |
| 2009 | 6     | 7   | 22   | 33     | 45     | 0.3       | 3.3     | 0.77  | 95.1      | 35.8369 | 24.2605 |
| 2009 | 6     | 7   | 22   | 43     | 45     | 0.3       | 3.3     | 0.67  | 90        | 35.8369 | 21.1229 |
| 2009 | 6     | 7   | 22   | 53     | 45     | 0.3       | 3.3     | 0.77  | 95.9      | 35.8369 | 24.1561 |
| 2009 | 6     | 7   | 23   | 3      | 45     | 0.3       | 3.3     | 0.71  | 97.4      | 35.8369 | 22.2731 |
| 2009 | 6     | 7   | 23   | 13     | 45     | 0.3       | 3.3     | 0.77  | 94.6      | 35.8369 | 24.1561 |
| 2009 | 6     | 7   | 23   | 23     | 45     | 0.3       | 3.3     | 0.79  | 93.1      | 35.8369 | 24.7827 |
| 2009 | 6     | 7   | 23   | 33     | 45     | 0.3       | 3.3     | 0.69  | 91.4      | 35.8369 | 21.541  |
| 2009 | 6     | 7   | 23   | 43     | 45     | 0.3       | 3.3     | 0.83  | 95.2      | 35.8369 | 26.141  |
| 2009 | 6     | 7   | 23   | 53     | 45     | 0.3       | 3.3     | 0.77  | 94.1      | 35.8369 | 24.2605 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 8   | 0    | 3      | 45     | 0.3       | 3.3     | 0.72  | 91.6      | 35.8369 | 22.4823 |
| 2009 | 6     | 8   | 0    | 13     | 45     | 0.3       | 3.3     | 0.84  | 95.2      | 35.8369 | 26.2455 |
| 2009 | 6     | 8   | 0    | 23     | 45     | 0.3       | 3.3     | 0.68  | 92.2      | 35.8012 | 21.2055 |
| 2009 | 6     | 8   | 0    | 33     | 45     | 0.3       | 3.3     | 0.76  | 94        | 35.8012 | 23.8183 |
| 2009 | 6     | 8   | 0    | 43     | 45     | 0.3       | 3.3     | 0.7   | 92.7      | 35.8012 | 21.8322 |
| 2009 | 6     | 8   | 0    | 53     | 45     | 0.3       | 3.3     | 0.77  | 99        | 35.8012 | 24.027  |
| 2009 | 6     | 8   | 1    | 3      | 45     | 0.3       | 3.3     | 0.78  | 95.8      | 35.8012 | 24.5486 |
| 2009 | 6     | 8   | 1    | 13     | 45     | 0.3       | 3.3     | 0.68  | 94.1      | 35.8012 | 21.31   |
| 2009 | 6     | 8   | 1    | 23     | 45     | 0.3       | 3.3     | 0.8   | 95.9      | 35.8012 | 24.9659 |
| 2009 | 6     | 8   | 1    | 33     | 45     | 0.3       | 3.3     | 0.72  | 93.9      | 35.8012 | 22.6682 |
| 2009 | 6     | 8   | 1    | 43     | 45     | 0.3       | 3.3     | 0.75  | 93.5      | 35.8012 | 23.4    |
| 2009 | 6     | 8   | 1    | 53     | 45     | 0.3       | 3.3     | 0.69  | 94.3      | 35.8012 | 21.7278 |
| 2009 | 6     | 8   | 2    | 3      | 45     | 0.3       | 3.3     | 0.7   | 94.6      | 35.7655 | 21.9141 |
| 2009 | 6     | 8   | 2    | 13     | 45     | 0.3       | 3.3     | 0.72  | 92.6      | 35.7655 | 22.5404 |
| 2009 | 6     | 8   | 2    | 23     | 45     | 0.3       | 3.3     | 0.84  | 96        | 35.7655 | 26.4002 |
| 2009 | 6     | 8   | 2    | 33     | 45     | 0.3       | 3.3     | 0.63  | 88.5      | 35.7655 | 19.8282 |
| 2009 | 6     | 8   | 2    | 43     | 45     | 0.3       | 3.3     | 0.72  | 92.6      | 35.7655 | 22.436  |
| 2009 | 6     | 8   | 2    | 53     | 45     | 0.3       | 3.3     | 0.68  | 95.5      | 35.7655 | 21.288  |
| 2009 | 6     | 8   | 3    | 3      | 45     | 0.3       | 3.3     | 0.65  | 90        | 35.7655 | 20.3494 |
| 2009 | 6     | 8   | 3    | 13     | 45     | 0.3       | 3.3     | 0.78  | 99.1      | 35.7655 | 24.3148 |
| 2009 | 6     | 8   | 3    | 23     | 45     | 0.3       | 3.3     | 0.66  | 92.3      | 35.7655 | 20.7665 |
| 2009 | 6     | 8   | 3    | 33     | 45     | 0.3       | 3.3     | 0.69  | 93.6      | 35.7655 | 21.4966 |
| 2009 | 6     | 8   | 3    | 43     | 45     | 0.3       | 3.3     | 0.77  | 96.1      | 35.7298 | 23.9775 |
| 2009 | 6     | 8   | 3    | 53     | 45     | 0.3       | 3.3     | 0.68  | 93.3      | 35.7298 | 21.3702 |
| 2009 | 6     | 8   | 4    | 3      | 45     | 0.3       | 3.3     | 0.88  | 96.6      | 35.7298 | 27.5196 |
| 2009 | 6     | 8   | 4    | 13     | 45     | 0.3       | 3.3     | 0.83  | 97.1      | 35.7298 | 25.7478 |
| 2009 | 6     | 8   | 4    | 23     | 45     | 0.3       | 3.3     | 0.68  | 93.9      | 35.7298 | 21.1618 |
| 2009 | 6     | 8   | 4    | 33     | 45     | 0.3       | 3.3     | 0.68  | 93.9      | 35.7298 | 21.266  |
| 2009 | 6     | 8   | 4    | 43     | 45     | 0.3       | 3.3     | 0.69  | 95.2      | 35.7298 | 21.3702 |
| 2009 | 6     | 8   | 4    | 53     | 45     | 0.3       | 3.3     | 0.73  | 92.3      | 35.7298 | 22.7257 |
| 2009 | 6     | 8   | 5    | 3      | 45     | 0.3       | 3.3     | 0.84  | 97        | 35.7298 | 26.1646 |
| 2009 | 6     | 8   | 5    | 13     | 45     | 0.3       | 3.3     | 0.76  | 94.4      | 35.7298 | 23.8734 |
| 2009 | 6     | 8   | 5    | 23     | 45     | 0.3       | 3.3     | 0.74  | 94.3      | 35.7298 | 23.2474 |
| 2009 | 6     | 8   | 5    | 33     | 45     | 0.3       | 3.3     | 0.74  | 93.5      | 35.6941 | 23.2233 |
| 2009 | 6     | 8   | 5    | 43     | 45     | 0.3       | 3.3     | 0.74  | 96.1      | 35.6941 | 23.0149 |
| 2009 | 6     | 8   | 5    | 53     | 45     | 0.3       | 3.3     | 0.75  | 96        | 35.6941 | 23.3276 |
| 2009 | 6     | 8   | 6    | 3      | 45     | 0.3       | 3.3     | 0.7   | 93.2      | 35.6941 | 21.8688 |
| 2009 | 6     | 8   | 6    | 13     | 45     | 0.3       | 3.3     | 0.76  | 94.7      | 35.6941 | 23.7446 |
| 2009 | 6     | 8   | 6    | 23     | 45     | 0.3       | 3.3     | 0.85  | 96.7      | 35.6941 | 26.3458 |
| 2009 | 6     | 8   | 6    | 33     | 45     | 0.3       | 3.3     | 0.7   | 94.3      | 35.6941 | 21.7646 |
| 2009 | 6     | 8   | 6    | 43     | 45     | 0.3       | 3.3     | 0.83  | 97.3      | 35.6941 | 25.7213 |
| 2009 | 6     | 8   | 6    | 53     | 45     | 0.3       | 3.3     | 0.78  | 95.6      | 35.6941 | 24.2647 |
| 2009 | 6     | 8   | 7    | 3      | 45     | 0.3       | 3.3     | 0.77  | 96.3      | 35.6941 | 24.0567 |
| 2009 | 6     | 8   | 7    | 13     | 45     | 0.3       | 3.3     | 0.85  | 98.4      | 35.6583 | 26.4226 |
| 2009 | 6     | 8   | 7    | 23     | 45     | 0.3       | 3.3     | 0.74  | 94.8      | 35.6941 | 23.0149 |
| 2009 | 6     | 8   | 7    | 33     | 45     | 0.3       | 3.3     | 0.78  | 94.3      | 35.6583 | 24.4475 |
| 2009 | 6     | 8   | 7    | 43     | 45     | 0.3       | 3.3     | 0.72  | 93.6      | 35.6583 | 22.5746 |
| 2009 | 6     | 8   | 7    | 53     | 45     | 0.3       | 3.3     | 0.82  | 96.7      | 35.6583 | 25.3828 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 8   | 8    | 3      | 45     | 0.3       | 3.3     | 0.75  | 94        | 35.6583 | 23.3034 |
| 2009 | 6     | 8   | 8    | 13     | 45     | 0.3       | 3.3     | 0.88  | 96.8      | 35.6583 | 27.4628 |
| 2009 | 6     | 8   | 8    | 23     | 45     | 0.3       | 3.3     | 0.79  | 97.8      | 35.6583 | 24.6553 |
| 2009 | 6     | 8   | 8    | 33     | 45     | 0.3       | 3.3     | 0.83  | 98.2      | 35.6583 | 25.6947 |
| 2009 | 6     | 8   | 8    | 43     | 45     | 0.3       | 3.3     | 0.84  | 98.5      | 35.6583 | 26.0066 |
| 2009 | 6     | 8   | 8    | 53     | 45     | 0.3       | 3.3     | 0.86  | 99        | 35.6583 | 26.5266 |
| 2009 | 6     | 8   | 9    | 3      | 45     | 0.3       | 3.3     | 0.83  | 98.4      | 35.6226 | 25.772  |
| 2009 | 6     | 8   | 9    | 13     | 45     | 0.3       | 3.3     | 0.85  | 96.4      | 35.6226 | 26.3953 |
| 2009 | 6     | 8   | 9    | 23     | 45     | 0.3       | 3.3     | 0.81  | 101.7     | 35.6226 | 24.7336 |
| 2009 | 6     | 8   | 9    | 33     | 45     | 0.3       | 3.3     | 0.82  | 98.6      | 35.6226 | 25.2528 |
| 2009 | 6     | 8   | 9    | 43     | 45     | 0.3       | 3.3     | 0.82  | 96.4      | 35.6226 | 25.4605 |
| 2009 | 6     | 8   | 9    | 53     | 45     | 0.3       | 3.3     | 0.84  | 100.6     | 35.6226 | 25.8759 |
| 2009 | 6     | 8   | 10   | 3      | 45     | 0.3       | 3.3     | 0.88  | 99.9      | 35.5869 | 27.0946 |
| 2009 | 6     | 8   | 10   | 13     | 45     | 0.3       | 3.3     | 0.86  | 100.4     | 35.5869 | 26.368  |
| 2009 | 6     | 8   | 10   | 23     | 45     | 0.3       | 3.3     | 0.85  | 102.2     | 35.5511 | 26.0297 |
| 2009 | 6     | 8   | 10   | 33     | 45     | 0.3       | 3.3     | 0.82  | 98        | 35.5511 | 25.4078 |
| 2009 | 6     | 8   | 10   | 43     | 45     | 0.3       | 3.3     | 0.86  | 100.7     | 35.5154 | 26.5205 |
| 2009 | 6     | 8   | 10   | 53     | 45     | 0.3       | 3.3     | 0.89  | 100.4     | 35.4796 | 27.3209 |
| 2009 | 6     | 8   | 11   | 3      | 45     | 0.3       | 3.3     | 0.84  | 98.4      | 35.4796 | 25.7688 |
| 2009 | 6     | 8   | 11   | 13     | 45     | 0.3       | 3.3     | 0.91  | 98.7      | 35.4439 | 27.913  |
| 2009 | 6     | 8   | 11   | 23     | 45     | 0.3       | 3.3     | 0.88  | 99.9      | 35.4439 | 26.8789 |
| 2009 | 6     | 8   | 11   | 33     | 45     | 0.3       | 3.3     | 0.86  | 99.6      | 35.4439 | 26.4654 |
| 2009 | 6     | 8   | 11   | 43     | 45     | 0.3       | 3.3     | 0.82  | 97.2      | 35.4439 | 25.2254 |
| 2009 | 6     | 8   | 11   | 53     | 45     | 0.3       | 3.3     | 0.85  | 100.5     | 35.4439 | 25.9487 |
| 2009 | 6     | 8   | 12   | 3      | 45     | 0.3       | 3.3     | 0.87  | 101.8     | 35.4439 | 26.4654 |
| 2009 | 6     | 8   | 12   | 13     | 45     | 0.3       | 3.3     | 0.8   | 102.4     | 35.4439 | 24.1925 |
| 2009 | 6     | 8   | 12   | 23     | 45     | 0.3       | 3.3     | 0.85  | 97.7      | 35.4439 | 26.3621 |
| 2009 | 6     | 8   | 12   | 33     | 45     | 0.3       | 3.3     | 0.84  | 98.1      | 35.4439 | 25.9487 |
| 2009 | 6     | 8   | 12   | 43     | 45     | 0.3       | 3.3     | 0.86  | 100.3     | 35.4439 | 26.4654 |
| 2009 | 6     | 8   | 12   | 53     | 45     | 0.3       | 3.3     | 0.83  | 99.3      | 35.4439 | 25.6387 |
| 2009 | 6     | 8   | 13   | 3      | 45     | 0.3       | 3.3     | 0.88  | 98.1      | 35.4439 | 27.2925 |
| 2009 | 6     | 8   | 13   | 13     | 45     | 0.3       | 3.3     | 0.77  | 96.6      | 35.4439 | 23.8828 |
| 2009 | 6     | 8   | 13   | 23     | 45     | 0.3       | 3.3     | 0.82  | 98.7      | 35.4439 | 25.2254 |
| 2009 | 6     | 8   | 13   | 33     | 45     | 0.3       | 3.3     | 0.84  | 96.8      | 35.4439 | 25.8453 |
| 2009 | 6     | 8   | 13   | 43     | 45     | 0.3       | 3.3     | 0.84  | 99        | 35.4439 | 25.742  |
| 2009 | 6     | 8   | 13   | 53     | 45     | 0.3       | 3.3     | 0.87  | 100.4     | 35.4439 | 26.7755 |
| 2009 | 6     | 8   | 14   | 3      | 45     | 0.3       | 3.3     | 0.84  | 98.9      | 35.4439 | 25.9487 |
| 2009 | 6     | 8   | 14   | 13     | 45     | 0.3       | 3.3     | 0.82  | 100.6     | 35.4439 | 25.1221 |
| 2009 | 6     | 8   | 14   | 23     | 45     | 0.3       | 3.3     | 0.9   | 98.8      | 35.4439 | 27.7061 |
| 2009 | 6     | 8   | 14   | 33     | 45     | 0.3       | 3.3     | 0.79  | 98.6      | 35.4439 | 24.2958 |
| 2009 | 6     | 8   | 14   | 43     | 45     | 0.3       | 3.3     | 0.83  | 99.6      | 35.4081 | 25.4056 |
| 2009 | 6     | 8   | 14   | 53     | 45     | 0.3       | 3.3     | 0.82  | 100.1     | 35.4081 | 25.0959 |
| 2009 | 6     | 8   | 15   | 3      | 45     | 0.3       | 3.3     | 0.87  | 98.3      | 35.4081 | 26.6444 |
| 2009 | 6     | 8   | 15   | 13     | 45     | 0.3       | 3.3     | 0.84  | 97.4      | 35.4081 | 25.9217 |
| 2009 | 6     | 8   | 15   | 23     | 45     | 0.3       | 3.3     | 0.8   | 97.1      | 35.3724 | 24.6575 |
| 2009 | 6     | 8   | 15   | 33     | 45     | 0.3       | 3.3     | 0.84  | 98.8      | 35.4081 | 25.8184 |
| 2009 | 6     | 8   | 15   | 43     | 45     | 0.3       | 3.3     | 0.87  | 101.5     | 35.3724 | 26.6167 |
| 2009 | 6     | 8   | 15   | 53     | 45     | 0.3       | 3.3     | 0.9   | 97.7      | 35.3366 | 27.7227 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 8   | 16   | 3      | 45     | 0.3       | 3.3     | 0.86  | 98.1      | 35.3724 | 26.6167 |
| 2009 | 6     | 8   | 16   | 13     | 45     | 0.3       | 3.3     | 0.84  | 101.1     | 35.3366 | 25.4556 |
| 2009 | 6     | 8   | 16   | 23     | 45     | 0.3       | 3.3     | 0.89  | 100.6     | 35.3366 | 27.2073 |
| 2009 | 6     | 8   | 16   | 33     | 45     | 0.3       | 3.3     | 0.87  | 98.9      | 35.3366 | 26.5889 |
| 2009 | 6     | 8   | 16   | 43     | 45     | 0.3       | 3.3     | 0.83  | 97.9      | 35.3366 | 25.6616 |
| 2009 | 6     | 8   | 16   | 53     | 45     | 0.3       | 3.3     | 0.82  | 96.7      | 35.3008 | 25.1204 |
| 2009 | 6     | 8   | 17   | 3      | 45     | 0.3       | 3.3     | 0.89  | 98        | 35.3008 | 27.4878 |
| 2009 | 6     | 8   | 17   | 13     | 45     | 0.3       | 3.3     | 0.84  | 99.5      | 35.3008 | 25.6348 |
| 2009 | 6     | 8   | 17   | 23     | 45     | 0.3       | 3.3     | 0.83  | 97.9      | 35.3366 | 25.6616 |
| 2009 | 6     | 8   | 17   | 33     | 45     | 0.3       | 3.3     | 0.79  | 96.9      | 35.3008 | 24.1947 |
| 2009 | 6     | 8   | 17   | 43     | 45     | 0.3       | 3.3     | 0.84  | 97.6      | 35.265  | 25.8136 |
| 2009 | 6     | 8   | 17   | 53     | 45     | 0.3       | 3.3     | 0.81  | 98.2      | 35.3008 | 24.7089 |
| 2009 | 6     | 8   | 18   | 3      | 45     | 0.3       | 3.3     | 0.81  | 97        | 35.2293 | 24.9652 |
| 2009 | 6     | 8   | 18   | 13     | 45     | 0.3       | 3.3     | 0.88  | 98.1      | 35.2293 | 27.1221 |
| 2009 | 6     | 8   | 18   | 23     | 45     | 0.3       | 3.3     | 0.81  | 98.8      | 35.265  | 24.8886 |
| 2009 | 6     | 8   | 18   | 33     | 45     | 0.3       | 3.3     | 0.88  | 100.3     | 35.2293 | 26.8138 |
| 2009 | 6     | 8   | 18   | 43     | 45     | 0.3       | 3.3     | 0.81  | 97.9      | 35.2293 | 24.7599 |
| 2009 | 6     | 8   | 18   | 53     | 45     | 0.3       | 3.3     | 0.89  | 99.1      | 35.1935 | 27.0937 |
| 2009 | 6     | 8   | 19   | 3      | 45     | 0.3       | 3.3     | 0.86  | 97.4      | 35.2293 | 26.5056 |
| 2009 | 6     | 8   | 19   | 13     | 45     | 0.3       | 3.3     | 0.81  | 99.8      | 35.1935 | 24.7339 |
| 2009 | 6     | 8   | 19   | 23     | 45     | 0.3       | 3.3     | 0.79  | 93.6      | 35.1935 | 24.2213 |
| 2009 | 6     | 8   | 19   | 33     | 45     | 0.3       | 3.3     | 0.77  | 97.1      | 35.1935 | 23.7087 |
| 2009 | 6     | 8   | 19   | 43     | 45     | 0.3       | 3.3     | 0.75  | 94.5      | 35.2293 | 23.0135 |
| 2009 | 6     | 8   | 19   | 53     | 45     | 0.3       | 3.3     | 0.86  | 95.9      | 35.1935 | 26.4779 |
| 2009 | 6     | 8   | 20   | 3      | 45     | 0.3       | 3.3     | 0.74  | 95.9      | 35.1935 | 22.5785 |
| 2009 | 6     | 8   | 20   | 13     | 45     | 0.3       | 3.3     | 0.66  | 92.8      | 35.1935 | 20.423  |
| 2009 | 6     | 8   | 20   | 23     | 45     | 0.3       | 3.3     | 0.69  | 92.4      | 35.1935 | 21.3464 |
| 2009 | 6     | 8   | 20   | 33     | 45     | 0.3       | 3.3     | 0.77  | 93.7      | 35.1935 | 23.6059 |
| 2009 | 6     | 8   | 20   | 43     | 45     | 0.3       | 3.3     | 0.83  | 96.6      | 35.1935 | 25.4519 |
| 2009 | 6     | 8   | 20   | 53     | 45     | 0.3       | 3.3     | 0.77  | 92.9      | 35.1935 | 23.6059 |
| 2009 | 6     | 8   | 21   | 3      | 45     | 0.3       | 3.3     | 0.78  | 97.7      | 35.1935 | 24.0163 |
| 2009 | 6     | 8   | 21   | 13     | 45     | 0.3       | 3.3     | 0.79  | 94.5      | 35.1935 | 24.3238 |
| 2009 | 6     | 8   | 21   | 23     | 45     | 0.3       | 3.3     | 0.77  | 95.6      | 35.1935 | 23.6059 |
| 2009 | 6     | 8   | 21   | 33     | 45     | 0.3       | 3.3     | 0.75  | 95        | 35.1577 | 23.0678 |
| 2009 | 6     | 8   | 21   | 43     | 45     | 0.3       | 3.3     | 0.7   | 94        | 35.1577 | 21.4265 |
| 2009 | 6     | 8   | 21   | 53     | 45     | 0.3       | 3.3     | 0.74  | 95.1      | 35.1577 | 22.8626 |
| 2009 | 6     | 8   | 22   | 3      | 45     | 0.3       | 3.3     | 0.62  | 90.9      | 35.1577 | 18.9679 |
| 2009 | 6     | 8   | 22   | 13     | 45     | 0.3       | 3.3     | 0.81  | 94.6      | 35.1577 | 24.9129 |
| 2009 | 6     | 8   | 22   | 23     | 45     | 0.3       | 3.3     | 0.66  | 92.8      | 35.1577 | 20.4016 |
| 2009 | 6     | 8   | 22   | 33     | 45     | 0.3       | 3.3     | 0.78  | 94.3      | 35.1577 | 24.0935 |
| 2009 | 6     | 8   | 22   | 43     | 45     | 0.3       | 3.3     | 0.8   | 95.2      | 35.1219 | 24.6821 |
| 2009 | 6     | 8   | 22   | 53     | 45     | 0.3       | 3.3     | 0.76  | 94.9      | 35.1577 | 23.4784 |
| 2009 | 6     | 8   | 23   | 3      | 45     | 0.3       | 3.3     | 0.87  | 97.8      | 35.1219 | 26.6272 |
| 2009 | 6     | 8   | 23   | 13     | 45     | 0.3       | 3.3     | 0.78  | 93.1      | 35.1219 | 24.0682 |
| 2009 | 6     | 8   | 23   | 23     | 45     | 0.3       | 3.3     | 0.7   | 93.7      | 35.1577 | 21.6316 |
| 2009 | 6     | 8   | 23   | 33     | 45     | 0.3       | 3.3     | 0.78  | 93.1      | 35.1219 | 24.0682 |
| 2009 | 6     | 8   | 23   | 43     | 45     | 0.3       | 3.3     | 0.73  | 93.9      | 35.1219 | 22.326  |
| 2009 | 6     | 8   | 23   | 53     | 45     | 0.3       | 3.3     | 0.72  | 93.1      | 35.1219 | 22.1211 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 9   | 0    | 3      | 45     | 0.3       | 3.3     | 0.85  | 97.1      | 35.1219 | 26.0127 |
| 2009 | 6     | 9   | 0    | 13     | 45     | 0.3       | 3.3     | 0.74  | 91.5      | 35.1219 | 22.8385 |
| 2009 | 6     | 9   | 0    | 23     | 45     | 0.3       | 3.3     | 0.76  | 95.7      | 35.1219 | 23.2486 |
| 2009 | 6     | 9   | 0    | 33     | 45     | 0.3       | 3.3     | 0.76  | 95        | 35.1219 | 23.2486 |
| 2009 | 6     | 9   | 0    | 43     | 45     | 0.3       | 3.3     | 0.83  | 100.1     | 35.1219 | 25.0914 |
| 2009 | 6     | 9   | 0    | 53     | 45     | 0.3       | 3.3     | 0.86  | 95.5      | 35.1219 | 26.5247 |
| 2009 | 6     | 9   | 1    | 3      | 45     | 0.3       | 3.3     | 0.83  | 94.8      | 35.1219 | 25.3985 |
| 2009 | 6     | 9   | 1    | 13     | 45     | 0.3       | 3.3     | 0.85  | 95.5      | 35.1219 | 26.1151 |
| 2009 | 6     | 9   | 1    | 23     | 45     | 0.3       | 3.3     | 0.78  | 95.3      | 35.1219 | 23.9659 |
| 2009 | 6     | 9   | 1    | 33     | 45     | 0.3       | 3.3     | 0.82  | 96.4      | 35.1219 | 25.1938 |
| 2009 | 6     | 9   | 1    | 43     | 45     | 0.3       | 3.3     | 0.67  | 90        | 35.1219 | 20.6872 |
| 2009 | 6     | 9   | 1    | 53     | 45     | 0.3       | 3.3     | 0.81  | 97.9      | 35.1219 | 24.8867 |
| 2009 | 6     | 9   | 2    | 3      | 45     | 0.3       | 3.3     | 0.83  | 94.3      | 35.1219 | 25.3985 |
| 2009 | 6     | 9   | 2    | 13     | 45     | 0.3       | 3.3     | 0.7   | 94.8      | 35.1219 | 21.6088 |
| 2009 | 6     | 9   | 2    | 23     | 45     | 0.3       | 3.3     | 0.77  | 95.4      | 35.0861 | 23.6339 |
| 2009 | 6     | 9   | 2    | 33     | 45     | 0.3       | 3.3     | 0.74  | 90.5      | 35.0861 | 22.712  |
| 2009 | 6     | 9   | 2    | 43     | 45     | 0.3       | 3.3     | 0.87  | 97.2      | 35.0861 | 26.4969 |
| 2009 | 6     | 9   | 2    | 53     | 45     | 0.3       | 3.3     | 0.72  | 92.4      | 35.1219 | 22.1211 |
| 2009 | 6     | 9   | 3    | 3      | 45     | 0.3       | 3.3     | 0.72  | 94.5      | 35.0861 | 21.9954 |
| 2009 | 6     | 9   | 3    | 13     | 45     | 0.3       | 3.3     | 0.73  | 95.2      | 35.0861 | 22.3025 |
| 2009 | 6     | 9   | 3    | 23     | 45     | 0.3       | 3.3     | 0.78  | 96.1      | 35.1219 | 23.7613 |
| 2009 | 6     | 9   | 3    | 33     | 45     | 0.3       | 3.3     | 0.81  | 94.6      | 35.1219 | 24.9891 |
| 2009 | 6     | 9   | 3    | 43     | 45     | 0.3       | 3.3     | 0.78  | 94.8      | 35.1219 | 24.0682 |
| 2009 | 6     | 9   | 3    | 53     | 45     | 0.3       | 3.3     | 0.81  | 96.5      | 35.1219 | 24.7844 |
| 2009 | 6     | 9   | 4    | 3      | 45     | 0.3       | 3.3     | 0.87  | 99.4      | 35.0861 | 26.3946 |
| 2009 | 6     | 9   | 4    | 13     | 45     | 0.3       | 3.3     | 0.85  | 95.3      | 35.1219 | 26.1151 |
| 2009 | 6     | 9   | 4    | 23     | 45     | 0.3       | 3.3     | 0.82  | 95.1      | 35.1219 | 25.0914 |
| 2009 | 6     | 9   | 4    | 33     | 45     | 0.3       | 3.3     | 0.8   | 96.6      | 35.1219 | 24.4774 |
| 2009 | 6     | 9   | 4    | 43     | 45     | 0.3       | 3.3     | 0.72  | 94.7      | 35.1219 | 22.1211 |
| 2009 | 6     | 9   | 4    | 53     | 45     | 0.3       | 3.3     | 0.83  | 99.5      | 35.1219 | 25.3985 |
| 2009 | 6     | 9   | 5    | 3      | 45     | 0.3       | 3.3     | 0.83  | 97.5      | 35.0861 | 25.3718 |
| 2009 | 6     | 9   | 5    | 13     | 45     | 0.3       | 3.3     | 0.71  | 95.3      | 35.1219 | 21.8137 |
| 2009 | 6     | 9   | 5    | 23     | 45     | 0.3       | 3.3     | 0.77  | 96.2      | 35.1219 | 23.4537 |
| 2009 | 6     | 9   | 5    | 33     | 45     | 0.3       | 3.3     | 0.83  | 97.7      | 35.1219 | 25.2961 |
| 2009 | 6     | 9   | 5    | 43     | 45     | 0.3       | 3.3     | 0.69  | 94.9      | 35.1577 | 21.119  |
| 2009 | 6     | 9   | 5    | 53     | 45     | 0.3       | 3.3     | 0.83  | 97        | 35.1219 | 25.3985 |
| 2009 | 6     | 9   | 6    | 3      | 45     | 0.3       | 3.3     | 0.77  | 94.9      | 35.1219 | 23.5563 |
| 2009 | 6     | 9   | 6    | 13     | 45     | 0.3       | 3.3     | 0.86  | 97.2      | 35.1577 | 26.3476 |
| 2009 | 6     | 9   | 6    | 23     | 45     | 0.3       | 3.3     | 0.81  | 98.9      | 35.1577 | 24.6056 |
| 2009 | 6     | 9   | 6    | 33     | 45     | 0.3       | 3.3     | 0.74  | 93.6      | 35.1577 | 22.7599 |
| 2009 | 6     | 9   | 6    | 43     | 45     | 0.3       | 3.3     | 0.86  | 95.5      | 35.1577 | 26.4501 |
| 2009 | 6     | 9   | 6    | 53     | 45     | 0.3       | 3.3     | 0.8   | 97.6      | 35.1577 | 24.4007 |
| 2009 | 6     | 9   | 7    | 3      | 45     | 0.3       | 3.3     | 0.78  | 95.8      | 35.1577 | 23.9911 |
| 2009 | 6     | 9   | 7    | 13     | 45     | 0.3       | 3.3     | 0.79  | 95.7      | 35.1577 | 24.4007 |
| 2009 | 6     | 9   | 7    | 23     | 45     | 0.3       | 3.3     | 0.74  | 96.8      | 35.1935 | 22.7839 |
| 2009 | 6     | 9   | 7    | 33     | 45     | 0.3       | 3.3     | 0.67  | 94.2      | 35.1935 | 20.7308 |
| 2009 | 6     | 9   | 7    | 43     | 45     | 0.3       | 3.3     | 0.84  | 96.9      | 35.1577 | 25.8351 |
| 2009 | 6     | 9   | 7    | 53     | 45     | 0.3       | 3.3     | 0.84  | 97.6      | 35.1935 | 25.8622 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 9   | 8    | 3      | 45     | 0.3       | 3.3     | 0.87  | 95.9      | 35.1577 | 26.6551 |
| 2009 | 6     | 9   | 8    | 13     | 45     | 0.3       | 3.3     | 0.83  | 96.4      | 35.1577 | 25.3227 |
| 2009 | 6     | 9   | 8    | 23     | 45     | 0.3       | 3.3     | 0.91  | 98.7      | 35.1577 | 27.6806 |
| 2009 | 6     | 9   | 8    | 33     | 45     | 0.3       | 3.3     | 0.84  | 97.2      | 35.1577 | 25.8351 |
| 2009 | 6     | 9   | 8    | 43     | 45     | 0.3       | 3.3     | 0.81  | 96        | 35.1219 | 24.8867 |
| 2009 | 6     | 9   | 8    | 53     | 45     | 0.3       | 3.3     | 0.82  | 97.5      | 35.1219 | 25.1938 |
| 2009 | 6     | 9   | 9    | 3      | 45     | 0.3       | 3.3     | 0.85  | 96.7      | 35.1219 | 25.9103 |
| 2009 | 6     | 9   | 9    | 13     | 45     | 0.3       | 3.3     | 0.89  | 99.4      | 35.1219 | 27.0369 |
| 2009 | 6     | 9   | 9    | 23     | 45     | 0.3       | 3.3     | 0.87  | 97.1      | 35.1219 | 26.7296 |
| 2009 | 6     | 9   | 9    | 33     | 45     | 0.3       | 3.3     | 0.83  | 98.9      | 35.0861 | 25.1673 |
| 2009 | 6     | 9   | 9    | 43     | 45     | 0.3       | 3.3     | 0.84  | 98.8      | 35.1219 | 25.5008 |
| 2009 | 6     | 9   | 9    | 53     | 45     | 0.3       | 3.3     | 0.87  | 101.1     | 35.0861 | 26.2923 |
| 2009 | 6     | 9   | 10   | 3      | 45     | 0.3       | 3.3     | 0.77  | 98.1      | 35.0861 | 23.429  |
| 2009 | 6     | 9   | 10   | 13     | 45     | 0.3       | 3.3     | 0.84  | 101.5     | 35.0861 | 25.3718 |
| 2009 | 6     | 9   | 10   | 23     | 45     | 0.3       | 3.3     | 0.82  | 98        | 35.0861 | 25.065  |
| 2009 | 6     | 9   | 10   | 33     | 45     | 0.3       | 3.3     | 0.81  | 99.3      | 35.0503 | 24.5281 |
| 2009 | 6     | 9   | 10   | 43     | 45     | 0.3       | 3.3     | 0.81  | 98.6      | 35.0503 | 24.7323 |
| 2009 | 6     | 9   | 10   | 53     | 45     | 0.3       | 3.3     | 0.86  | 98.1      | 35.0503 | 26.1624 |
| 2009 | 6     | 9   | 11   | 3      | 45     | 0.3       | 3.3     | 0.73  | 96.7      | 35.0861 | 22.3025 |
| 2009 | 6     | 9   | 11   | 13     | 45     | 0.3       | 3.3     | 0.82  | 100.3     | 35.0503 | 24.9365 |
| 2009 | 6     | 9   | 11   | 23     | 45     | 0.3       | 3.3     | 0.87  | 100.6     | 35.0861 | 26.3946 |
| 2009 | 6     | 9   | 11   | 33     | 45     | 0.3       | 3.3     | 0.82  | 99.5      | 35.0503 | 24.8344 |
| 2009 | 6     | 9   | 11   | 43     | 45     | 0.3       | 3.3     | 0.83  | 98.2      | 35.0503 | 25.3451 |
| 2009 | 6     | 9   | 11   | 53     | 45     | 0.3       | 3.3     | 0.83  | 97.7      | 35.0503 | 25.3451 |
| 2009 | 6     | 9   | 12   | 3      | 45     | 0.3       | 3.3     | 0.87  | 101.1     | 35.0503 | 26.1624 |
| 2009 | 6     | 9   | 12   | 13     | 45     | 0.3       | 3.3     | 0.79  | 97.4      | 35.0503 | 24.1197 |
| 2009 | 6     | 9   | 12   | 23     | 45     | 0.3       | 3.3     | 0.84  | 101.2     | 35.0503 | 25.4472 |
| 2009 | 6     | 9   | 12   | 33     | 45     | 0.3       | 3.3     | 0.76  | 98        | 35.0861 | 23.1217 |
| 2009 | 6     | 9   | 12   | 43     | 45     | 0.3       | 3.3     | 0.86  | 97        | 35.0503 | 26.1624 |
| 2009 | 6     | 9   | 12   | 53     | 45     | 0.3       | 3.3     | 0.8   | 98.2      | 35.0503 | 24.4259 |
| 2009 | 6     | 9   | 13   | 3      | 45     | 0.3       | 3.3     | 0.82  | 98.3      | 35.0861 | 25.065  |
| 2009 | 6     | 9   | 13   | 13     | 45     | 0.3       | 3.3     | 0.9   | 98        | 35.0861 | 27.4178 |
| 2009 | 6     | 9   | 13   | 23     | 45     | 0.3       | 3.3     | 0.88  | 98.6      | 35.0861 | 26.7015 |
| 2009 | 6     | 9   | 13   | 33     | 45     | 0.3       | 3.3     | 0.84  | 99.9      | 35.0861 | 25.474  |
| 2009 | 6     | 9   | 13   | 43     | 45     | 0.3       | 3.3     | 0.85  | 98.7      | 35.0861 | 25.8831 |
| 2009 | 6     | 9   | 13   | 53     | 45     | 0.3       | 3.3     | 0.82  | 98.7      | 35.1577 | 25.1178 |
| 2009 | 6     | 9   | 14   | 3      | 45     | 0.3       | 3.3     | 0.82  | 98.6      | 35.0861 | 24.8606 |
| 2009 | 6     | 9   | 14   | 13     | 45     | 0.3       | 3.3     | 0.89  | 99.6      | 35.0503 | 26.98   |
| 2009 | 6     | 9   | 14   | 23     | 45     | 0.3       | 3.3     | 0.9   | 99.5      | 35.0861 | 27.3154 |
| 2009 | 6     | 9   | 14   | 33     | 45     | 0.3       | 3.3     | 0.87  | 97.2      | 35.0503 | 26.469  |
| 2009 | 6     | 9   | 14   | 43     | 45     | 0.3       | 3.3     | 0.83  | 98.5      | 35.0503 | 25.1408 |
| 2009 | 6     | 9   | 14   | 53     | 45     | 0.3       | 3.3     | 0.89  | 97.2      | 35.0503 | 27.0822 |
| 2009 | 6     | 9   | 15   | 3      | 45     | 0.3       | 3.3     | 0.84  | 98.8      | 35.0861 | 25.5763 |
| 2009 | 6     | 9   | 15   | 13     | 45     | 0.3       | 3.3     | 0.89  | 98.5      | 35.0861 | 27.0084 |
| 2009 | 6     | 9   | 15   | 23     | 45     | 0.3       | 3.3     | 0.83  | 97.2      | 35.0861 | 25.474  |
| 2009 | 6     | 9   | 15   | 33     | 45     | 0.3       | 3.3     | 0.79  | 98.1      | 35.0861 | 24.0429 |
| 2009 | 6     | 9   | 15   | 43     | 45     | 0.3       | 3.3     | 0.81  | 96.5      | 35.0861 | 24.7583 |
| 2009 | 6     | 9   | 15   | 53     | 45     | 0.3       | 3.3     | 0.86  | 99.4      | 35.0861 | 26.2923 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 9   | 16   | 3      | 45     | 0.3       | 3.3     | 0.87  | 96.5      | 35.0503 | 26.6734 |
| 2009 | 6     | 9   | 16   | 13     | 45     | 0.3       | 3.3     | 0.82  | 96.7      | 35.0861 | 24.9628 |
| 2009 | 6     | 9   | 16   | 23     | 45     | 0.3       | 3.3     | 0.85  | 99.1      | 35.0861 | 25.9854 |
| 2009 | 6     | 9   | 16   | 33     | 45     | 0.3       | 3.3     | 0.89  | 99.6      | 35.0503 | 26.8778 |
| 2009 | 6     | 9   | 16   | 43     | 45     | 0.3       | 3.3     | 0.87  | 98        | 35.0861 | 26.7015 |
| 2009 | 6     | 9   | 16   | 53     | 45     | 0.3       | 3.3     | 0.84  | 98.8      | 35.0861 | 25.474  |
| 2009 | 6     | 9   | 17   | 3      | 45     | 0.3       | 3.3     | 0.82  | 99.2      | 35.0861 | 24.9628 |
| 2009 | 6     | 9   | 17   | 13     | 45     | 0.3       | 3.3     | 0.88  | 97.7      | 35.0503 | 26.98   |
| 2009 | 6     | 9   | 17   | 23     | 45     | 0.3       | 3.3     | 0.87  | 98.9      | 35.0503 | 26.469  |
| 2009 | 6     | 9   | 17   | 33     | 45     | 0.3       | 3.3     | 0.87  | 98.7      | 35.0503 | 26.469  |
| 2009 | 6     | 9   | 17   | 43     | 45     | 0.3       | 3.3     | 0.82  | 96.6      | 35.0503 | 25.1408 |
| 2009 | 6     | 9   | 17   | 53     | 45     | 0.3       | 3.3     | 0.82  | 99.7      | 35.0503 | 24.8344 |
| 2009 | 6     | 9   | 18   | 3      | 45     | 0.3       | 3.3     | 0.73  | 100.1     | 35.0503 | 22.0744 |
| 2009 | 6     | 9   | 18   | 13     | 45     | 0.3       | 3.3     | 0.87  | 99.7      | 35.0503 | 26.469  |
| 2009 | 6     | 9   | 18   | 23     | 45     | 0.3       | 3.3     | 0.81  | 98.6      | 35.0503 | 24.6302 |
| 2009 | 6     | 9   | 18   | 33     | 45     | 0.3       | 3.3     | 0.79  | 100.1     | 35.0503 | 23.8134 |
| 2009 | 6     | 9   | 18   | 43     | 45     | 0.3       | 3.3     | 0.82  | 95.5      | 35.0503 | 25.2429 |
| 2009 | 6     | 9   | 18   | 53     | 45     | 0.3       | 3.3     | 0.77  | 95.1      | 35.0503 | 23.609  |
| 2009 | 6     | 9   | 19   | 3      | 45     | 0.3       | 3.3     | 0.8   | 96.1      | 35.0503 | 24.5281 |
| 2009 | 6     | 9   | 19   | 13     | 45     | 0.3       | 3.3     | 0.81  | 97.2      | 35.0503 | 24.7323 |
| 2009 | 6     | 9   | 19   | 23     | 45     | 0.3       | 3.3     | 0.89  | 98.5      | 35.0503 | 27.1845 |
| 2009 | 6     | 9   | 19   | 33     | 45     | 0.3       | 3.3     | 0.79  | 96        | 35.0503 | 24.1197 |
| 2009 | 6     | 9   | 19   | 43     | 45     | 0.3       | 3.3     | 0.86  | 95.1      | 35.0503 | 26.2646 |
| 2009 | 6     | 9   | 19   | 53     | 45     | 0.3       | 3.3     | 0.82  | 97.8      | 35.0503 | 25.0387 |
| 2009 | 6     | 9   | 20   | 3      | 45     | 0.3       | 3.3     | 0.76  | 95.7      | 35.0503 | 23.4043 |
| 2009 | 6     | 9   | 20   | 13     | 45     | 0.3       | 3.3     | 0.79  | 95.7      | 35.0503 | 24.3238 |
| 2009 | 6     | 9   | 20   | 23     | 45     | 0.3       | 3.3     | 0.67  | 94.2      | 35.0503 | 20.6436 |
| 2009 | 6     | 9   | 20   | 33     | 45     | 0.3       | 3.3     | 0.91  | 97.5      | 35.0503 | 27.7979 |
| 2009 | 6     | 9   | 20   | 43     | 45     | 0.3       | 3.3     | 0.79  | 92.9      | 35.0503 | 24.1197 |
| 2009 | 6     | 9   | 20   | 53     | 45     | 0.3       | 3.3     | 0.68  | 92.8      | 35.0503 | 20.9501 |
| 2009 | 6     | 9   | 21   | 3      | 45     | 0.3       | 3.3     | 0.73  | 92.3      | 35.0503 | 22.4835 |
| 2009 | 6     | 9   | 21   | 13     | 45     | 0.3       | 3.3     | 0.82  | 97.2      | 35.0503 | 24.9365 |
| 2009 | 6     | 9   | 21   | 23     | 45     | 0.3       | 3.3     | 0.85  | 98.4      | 35.0503 | 25.958  |
| 2009 | 6     | 9   | 21   | 33     | 45     | 0.3       | 3.3     | 0.73  | 91.3      | 35.0503 | 22.279  |
| 2009 | 6     | 9   | 21   | 43     | 45     | 0.3       | 3.3     | 0.82  | 98.3      | 35.0503 | 25.0387 |
| 2009 | 6     | 9   | 21   | 53     | 45     | 0.3       | 3.3     | 0.81  | 98.9      | 35.0503 | 24.5281 |
| 2009 | 6     | 9   | 22   | 3      | 45     | 0.3       | 3.3     | 0.67  | 92.8      | 35.0503 | 20.4393 |
| 2009 | 6     | 9   | 22   | 13     | 45     | 0.3       | 3.3     | 0.68  | 93.9      | 35.0503 | 20.8479 |
| 2009 | 6     | 9   | 22   | 23     | 45     | 0.3       | 3.3     | 0.83  | 97.5      | 35.0503 | 25.3451 |
| 2009 | 6     | 9   | 22   | 33     | 45     | 0.3       | 3.3     | 0.75  | 95.8      | 35.0503 | 22.995  |
| 2009 | 6     | 9   | 22   | 43     | 45     | 0.3       | 3.3     | 0.63  | 92.7      | 35.0503 | 19.2141 |
| 2009 | 6     | 9   | 22   | 53     | 45     | 0.3       | 3.3     | 0.78  | 94.6      | 35.0503 | 24.0176 |
| 2009 | 6     | 9   | 23   | 3      | 45     | 0.3       | 3.3     | 0.78  | 95.3      | 35.0503 | 23.8134 |
| 2009 | 6     | 9   | 23   | 13     | 45     | 0.3       | 3.3     | 0.84  | 96.3      | 35.0503 | 25.5494 |
| 2009 | 6     | 9   | 23   | 23     | 45     | 0.3       | 3.3     | 0.77  | 98.4      | 35.0503 | 23.3019 |
| 2009 | 6     | 9   | 23   | 33     | 45     | 0.3       | 3.3     | 0.83  | 95        | 35.0503 | 25.3451 |
| 2009 | 6     | 9   | 23   | 43     | 45     | 0.3       | 3.3     | 0.74  | 96.4      | 35.0145 | 22.5619 |
| 2009 | 6     | 9   | 23   | 53     | 45     | 0.3       | 3.3     | 0.68  | 90.8      | 35.0503 | 20.7457 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 10  | 0    | 3      | 45     | 0.3       | 3.3     | 0.83  | 97.5      | 35.0503 | 25.2429 |
| 2009 | 6     | 10  | 0    | 13     | 45     | 0.3       | 3.3     | 0.76  | 96        | 35.0503 | 23.0973 |
| 2009 | 6     | 10  | 0    | 23     | 45     | 0.3       | 3.3     | 0.76  | 96.2      | 35.0145 | 23.0729 |
| 2009 | 6     | 10  | 0    | 33     | 45     | 0.3       | 3.3     | 0.81  | 96.5      | 35.0145 | 24.7062 |
| 2009 | 6     | 10  | 0    | 43     | 45     | 0.3       | 3.3     | 0.82  | 97.1      | 35.0145 | 25.0123 |
| 2009 | 6     | 10  | 0    | 53     | 45     | 0.3       | 3.3     | 0.81  | 97.4      | 35.0145 | 24.7062 |
| 2009 | 6     | 10  | 1    | 3      | 45     | 0.3       | 3.3     | 0.73  | 95.2      | 35.0145 | 22.2554 |
| 2009 | 6     | 10  | 1    | 13     | 45     | 0.3       | 3.3     | 0.78  | 97.7      | 35.0145 | 23.8903 |
| 2009 | 6     | 10  | 1    | 23     | 45     | 0.3       | 3.3     | 0.86  | 97.3      | 35.0145 | 26.1349 |
| 2009 | 6     | 10  | 1    | 33     | 45     | 0.3       | 3.3     | 0.81  | 95.6      | 35.0145 | 24.8082 |
| 2009 | 6     | 10  | 1    | 43     | 45     | 0.3       | 3.3     | 0.86  | 98.6      | 35.0145 | 26.0328 |
| 2009 | 6     | 10  | 1    | 53     | 45     | 0.3       | 3.3     | 0.65  | 93.5      | 35.0145 | 19.8056 |
| 2009 | 6     | 10  | 2    | 3      | 45     | 0.3       | 3.3     | 0.71  | 92.4      | 35.0145 | 21.6426 |
| 2009 | 6     | 10  | 2    | 13     | 45     | 0.3       | 3.3     | 0.64  | 94.1      | 35.0145 | 19.4997 |
| 2009 | 6     | 10  | 2    | 23     | 45     | 0.3       | 3.3     | 0.88  | 96.8      | 35.0145 | 26.9516 |
| 2009 | 6     | 10  | 2    | 33     | 45     | 0.3       | 3.3     | 0.77  | 96.6      | 35.0145 | 23.584  |
| 2009 | 6     | 10  | 2    | 43     | 45     | 0.3       | 3.3     | 0.85  | 99.6      | 35.0145 | 25.6245 |
| 2009 | 6     | 10  | 2    | 53     | 45     | 0.3       | 3.3     | 0.76  | 96        | 35.0145 | 23.0729 |
| 2009 | 6     | 10  | 3    | 3      | 45     | 0.3       | 3.3     | 0.86  | 97.3      | 35.0145 | 26.1349 |
| 2009 | 6     | 10  | 3    | 13     | 45     | 0.3       | 3.3     | 0.74  | 96.7      | 35.0145 | 22.4598 |
| 2009 | 6     | 10  | 3    | 23     | 45     | 0.3       | 3.3     | 0.73  | 95.9      | 35.0145 | 22.2554 |
| 2009 | 6     | 10  | 3    | 33     | 45     | 0.3       | 3.3     | 0.75  | 95        | 35.0145 | 23.0729 |
| 2009 | 6     | 10  | 3    | 43     | 45     | 0.3       | 3.3     | 0.67  | 91.4      | 35.0145 | 20.5197 |
| 2009 | 6     | 10  | 3    | 53     | 45     | 0.3       | 3.3     | 0.83  | 100.7     | 35.0145 | 25.0123 |
| 2009 | 6     | 10  | 4    | 3      | 45     | 0.3       | 3.3     | 0.84  | 93.4      | 35.0145 | 25.7266 |
| 2009 | 6     | 10  | 4    | 13     | 45     | 0.3       | 3.3     | 0.73  | 93.8      | 35.0145 | 22.4598 |
| 2009 | 6     | 10  | 4    | 23     | 45     | 0.3       | 3.3     | 0.82  | 96.9      | 35.0145 | 25.0123 |
| 2009 | 6     | 10  | 4    | 33     | 45     | 0.3       | 3.3     | 0.81  | 97        | 35.0145 | 24.7062 |
| 2009 | 6     | 10  | 4    | 43     | 45     | 0.3       | 3.3     | 0.67  | 94.2      | 35.0145 | 20.4177 |
| 2009 | 6     | 10  | 4    | 53     | 45     | 0.3       | 3.3     | 0.82  | 97.6      | 35.0145 | 25.0123 |
| 2009 | 6     | 10  | 5    | 3      | 45     | 0.3       | 3.3     | 0.85  | 99.5      | 35.0145 | 25.8286 |
| 2009 | 6     | 10  | 5    | 13     | 45     | 0.3       | 3.3     | 0.84  | 96.3      | 35.0145 | 25.7266 |
| 2009 | 6     | 10  | 5    | 23     | 45     | 0.3       | 3.3     | 0.68  | 92.5      | 35.0145 | 20.8259 |
| 2009 | 6     | 10  | 5    | 33     | 45     | 0.3       | 3.3     | 0.78  | 97.8      | 35.0145 | 23.6863 |
| 2009 | 6     | 10  | 5    | 43     | 45     | 0.3       | 3.3     | 0.8   | 95        | 35.0145 | 24.4002 |
| 2009 | 6     | 10  | 5    | 53     | 45     | 0.3       | 3.3     | 0.83  | 99.5      | 35.0145 | 25.3184 |
| 2009 | 6     | 10  | 6    | 3      | 45     | 0.3       | 3.3     | 0.77  | 99.1      | 35.0145 | 23.3796 |
| 2009 | 6     | 10  | 6    | 13     | 45     | 0.3       | 3.3     | 0.86  | 100.5     | 35.0503 | 26.0602 |
| 2009 | 6     | 10  | 6    | 23     | 45     | 0.3       | 3.3     | 0.82  | 102       | 35.0503 | 24.6302 |
| 2009 | 6     | 10  | 6    | 33     | 45     | 0.3       | 3.3     | 0.74  | 95.1      | 35.0145 | 22.7663 |
| 2009 | 6     | 10  | 6    | 43     | 45     | 0.3       | 3.3     | 0.86  | 97.5      | 35.0145 | 26.1349 |
| 2009 | 6     | 10  | 6    | 53     | 45     | 0.3       | 3.3     | 0.85  | 98.7      | 35.0503 | 25.8559 |
| 2009 | 6     | 10  | 7    | 3      | 45     | 0.3       | 3.3     | 0.88  | 98.8      | 35.0503 | 26.6734 |
| 2009 | 6     | 10  | 7    | 13     | 45     | 0.3       | 3.3     | 0.81  | 98.2      | 35.0503 | 24.5281 |
| 2009 | 6     | 10  | 7    | 23     | 45     | 0.3       | 3.3     | 0.84  | 96.8      | 35.0503 | 25.5494 |
| 2009 | 6     | 10  | 7    | 33     | 45     | 0.3       | 3.3     | 0.83  | 98.5      | 35.0503 | 25.1408 |
| 2009 | 6     | 10  | 7    | 43     | 45     | 0.3       | 3.3     | 0.86  | 98.4      | 35.0503 | 26.0602 |
| 2009 | 6     | 10  | 7    | 53     | 45     | 0.3       | 3.3     | 0.83  | 101.1     | 35.0503 | 25.1408 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 10  | 8    | 3      | 45     | 0.3       | 3.3     | 0.84  | 97.4      | 35.0503 | 25.5494 |
| 2009 | 6     | 10  | 8    | 13     | 45     | 0.3       | 3.3     | 0.79  | 97.4      | 35.0503 | 24.1197 |
| 2009 | 6     | 10  | 8    | 23     | 45     | 0.3       | 3.3     | 0.86  | 101.2     | 35.0503 | 25.958  |
| 2009 | 6     | 10  | 8    | 33     | 45     | 0.3       | 3.3     | 0.83  | 99.1      | 35.0503 | 25.2429 |
| 2009 | 6     | 10  | 8    | 43     | 45     | 0.3       | 3.3     | 0.87  | 99.4      | 35.0503 | 26.3668 |
| 2009 | 6     | 10  | 8    | 53     | 45     | 0.3       | 3.3     | 0.8   | 97.7      | 35.0503 | 24.5281 |
| 2009 | 6     | 10  | 9    | 3      | 45     | 0.3       | 3.3     | 0.77  | 96.6      | 35.0503 | 23.5066 |
| 2009 | 6     | 10  | 9    | 13     | 45     | 0.3       | 3.3     | 0.83  | 99.5      | 35.0503 | 25.2429 |
| 2009 | 6     | 10  | 9    | 23     | 45     | 0.3       | 3.3     | 0.89  | 98.1      | 35.0503 | 27.0822 |
| 2009 | 6     | 10  | 9    | 33     | 45     | 0.3       | 3.3     | 0.85  | 96.4      | 35.0503 | 25.958  |
| 2009 | 6     | 10  | 9    | 43     | 45     | 0.3       | 3.3     | 0.8   | 95.6      | 35.0503 | 24.5281 |
| 2009 | 6     | 10  | 9    | 53     | 45     | 0.3       | 3.3     | 0.87  | 100.2     | 35.0503 | 26.469  |
| 2009 | 6     | 10  | 10   | 3      | 45     | 0.3       | 3.3     | 0.83  | 95.9      | 35.0503 | 25.5494 |
| 2009 | 6     | 10  | 10   | 13     | 45     | 0.3       | 3.3     | 0.74  | 93.8      | 35.0503 | 22.5858 |
| 2009 | 6     | 10  | 10   | 23     | 45     | 0.3       | 3.3     | 0.79  | 96.4      | 35.0503 | 24.2217 |
| 2009 | 6     | 10  | 10   | 33     | 45     | 0.3       | 3.3     | 0.9   | 98.2      | 35.0503 | 27.3889 |
| 2009 | 6     | 10  | 10   | 43     | 45     | 0.3       | 3.3     | 0.86  | 98.1      | 35.0503 | 26.2646 |
| 2009 | 6     | 10  | 10   | 53     | 45     | 0.3       | 3.3     | 0.87  | 96.1      | 35.0503 | 26.6734 |
| 2009 | 6     | 10  | 11   | 3      | 45     | 0.3       | 3.3     | 0.91  | 99.8      | 35.0503 | 27.5934 |
| 2009 | 6     | 10  | 11   | 13     | 45     | 0.3       | 3.3     | 0.77  | 96.4      | 35.0503 | 23.5066 |
| 2009 | 6     | 10  | 11   | 23     | 45     | 0.3       | 3.3     | 0.81  | 98.8      | 35.0503 | 24.7323 |
| 2009 | 6     | 10  | 11   | 33     | 45     | 0.3       | 3.3     | 0.77  | 93.7      | 35.0503 | 23.7113 |
| 2009 | 6     | 10  | 11   | 43     | 45     | 0.3       | 3.3     | 0.69  | 92.5      | 35.0503 | 21.0523 |
| 2009 | 6     | 10  | 11   | 53     | 45     | 0.3       | 3.3     | 0.78  | 96.5      | 35.0503 | 23.9155 |
| 2009 | 6     | 10  | 12   | 3      | 45     | 0.3       | 3.3     | 0.82  | 98.3      | 35.0503 | 24.8344 |
| 2009 | 6     | 10  | 12   | 13     | 45     | 0.3       | 3.3     | 0.71  | 94        | 35.0503 | 21.7677 |
| 2009 | 6     | 10  | 12   | 23     | 45     | 0.3       | 3.3     | 0.85  | 96.9      | 35.0861 | 25.8831 |
| 2009 | 6     | 10  | 12   | 33     | 45     | 0.3       | 3.3     | 0.84  | 97.6      | 35.0503 | 25.7537 |
| 2009 | 6     | 10  | 12   | 43     | 45     | 0.3       | 3.3     | 0.85  | 101.7     | 35.0861 | 25.7808 |
| 2009 | 6     | 10  | 12   | 53     | 45     | 0.3       | 3.3     | 0.84  | 95.2      | 35.0861 | 25.7808 |
| 2009 | 6     | 10  | 13   | 3      | 45     | 0.3       | 3.3     | 0.78  | 94.3      | 35.0861 | 24.0429 |
| 2009 | 6     | 10  | 13   | 13     | 45     | 0.3       | 3.3     | 0.83  | 99.4      | 35.0861 | 25.1673 |
| 2009 | 6     | 10  | 13   | 23     | 45     | 0.3       | 3.3     | 0.85  | 98.4      | 35.0861 | 25.9854 |
| 2009 | 6     | 10  | 13   | 33     | 45     | 0.3       | 3.3     | 0.86  | 96.6      | 35.0861 | 26.19   |
| 2009 | 6     | 10  | 13   | 43     | 45     | 0.3       | 3.3     | 0.85  | 97.3      | 35.0861 | 25.8831 |
| 2009 | 6     | 10  | 13   | 53     | 45     | 0.3       | 3.3     | 0.85  | 97.5      | 35.0861 | 26.0877 |
| 2009 | 6     | 10  | 14   | 3      | 45     | 0.3       | 3.3     | 0.83  | 99.8      | 35.0861 | 25.2695 |
| 2009 | 6     | 10  | 14   | 13     | 45     | 0.3       | 3.3     | 0.84  | 97.8      | 35.0861 | 25.6786 |
| 2009 | 6     | 10  | 14   | 23     | 45     | 0.3       | 3.3     | 0.8   | 99.7      | 35.0861 | 24.2473 |
| 2009 | 6     | 10  | 14   | 33     | 45     | 0.3       | 3.3     | 0.88  | 98.2      | 35.0861 | 26.7015 |
| 2009 | 6     | 10  | 14   | 43     | 45     | 0.3       | 3.3     | 0.84  | 99.2      | 35.0861 | 25.5763 |
| 2009 | 6     | 10  | 14   | 53     | 45     | 0.3       | 3.3     | 0.81  | 93.7      | 35.0861 | 24.9628 |
| 2009 | 6     | 10  | 15   | 3      | 45     | 0.3       | 3.3     | 0.84  | 96.5      | 35.0861 | 25.7808 |
| 2009 | 6     | 10  | 15   | 13     | 45     | 0.3       | 3.3     | 0.9   | 98.8      | 35.0861 | 27.4178 |
| 2009 | 6     | 10  | 15   | 23     | 45     | 0.3       | 3.3     | 0.9   | 99        | 35.0861 | 27.5201 |
| 2009 | 6     | 10  | 15   | 33     | 45     | 0.3       | 3.3     | 0.83  | 100       | 35.0861 | 25.1673 |
| 2009 | 6     | 10  | 15   | 43     | 45     | 0.3       | 3.3     | 0.88  | 98.1      | 35.0861 | 27.0084 |
| 2009 | 6     | 10  | 15   | 53     | 45     | 0.3       | 3.3     | 0.85  | 101.1     | 35.0861 | 25.7808 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 10  | 16   | 3      | 45     | 0.3       | 3.3     | 0.79  | 94.8      | 35.0861 | 24.1451 |
| 2009 | 6     | 10  | 16   | 13     | 45     | 0.3       | 3.3     | 0.85  | 100.4     | 35.0861 | 25.7808 |
| 2009 | 6     | 10  | 16   | 23     | 45     | 0.3       | 3.3     | 0.85  | 98.8      | 35.0861 | 25.9854 |
| 2009 | 6     | 10  | 16   | 33     | 45     | 0.3       | 3.3     | 0.88  | 98.6      | 35.0861 | 26.7015 |
| 2009 | 6     | 10  | 16   | 43     | 45     | 0.3       | 3.3     | 0.85  | 96.4      | 35.0861 | 25.9854 |
| 2009 | 6     | 10  | 16   | 53     | 45     | 0.3       | 3.3     | 0.87  | 101.5     | 35.0861 | 26.2923 |
| 2009 | 6     | 10  | 17   | 3      | 45     | 0.3       | 3.3     | 0.9   | 96.9      | 35.0861 | 27.5201 |
| 2009 | 6     | 10  | 17   | 13     | 45     | 0.3       | 3.3     | 0.83  | 99.8      | 35.0861 | 25.2695 |
| 2009 | 6     | 10  | 17   | 23     | 45     | 0.3       | 3.3     | 0.92  | 99.8      | 35.1219 | 28.0614 |
| 2009 | 6     | 10  | 17   | 33     | 45     | 0.3       | 3.3     | 0.81  | 95.3      | 35.1219 | 24.9891 |
| 2009 | 6     | 10  | 17   | 43     | 45     | 0.3       | 3.3     | 0.85  | 99.8      | 35.0861 | 25.6786 |
| 2009 | 6     | 10  | 17   | 53     | 45     | 0.3       | 3.3     | 0.85  | 99.5      | 35.0861 | 25.8831 |
| 2009 | 6     | 10  | 18   | 3      | 45     | 0.3       | 3.3     | 0.82  | 95.7      | 35.0861 | 25.1673 |
| 2009 | 6     | 10  | 18   | 13     | 45     | 0.3       | 3.3     | 0.78  | 95.8      | 35.0861 | 23.8385 |
| 2009 | 6     | 10  | 18   | 23     | 45     | 0.3       | 3.3     | 0.8   | 94        | 35.1219 | 24.6821 |
| 2009 | 6     | 10  | 18   | 33     | 45     | 0.3       | 3.3     | 0.69  | 93.5      | 35.1219 | 21.1991 |
| 2009 | 6     | 10  | 18   | 43     | 45     | 0.3       | 3.3     | 0.82  | 93.4      | 35.1219 | 25.1938 |
| 2009 | 6     | 10  | 18   | 53     | 45     | 0.3       | 3.3     | 0.76  | 94.2      | 35.1219 | 23.4537 |
| 2009 | 6     | 10  | 19   | 3      | 45     | 0.3       | 3.3     | 0.9   | 99        | 35.1219 | 27.5491 |
| 2009 | 6     | 10  | 19   | 13     | 45     | 0.3       | 3.3     | 0.84  | 97.4      | 35.1219 | 25.808  |
| 2009 | 6     | 10  | 19   | 23     | 45     | 0.3       | 3.3     | 0.86  | 96.6      | 35.1219 | 26.3199 |
| 2009 | 6     | 10  | 19   | 33     | 45     | 0.3       | 3.3     | 0.76  | 96.2      | 35.1219 | 23.3511 |
| 2009 | 6     | 10  | 19   | 43     | 45     | 0.3       | 3.3     | 0.9   | 98        | 35.1219 | 27.5491 |
| 2009 | 6     | 10  | 19   | 53     | 45     | 0.3       | 3.3     | 0.83  | 95.4      | 35.1219 | 25.5008 |
| 2009 | 6     | 10  | 20   | 3      | 45     | 0.3       | 3.3     | 0.72  | 96.1      | 35.1219 | 21.9161 |
| 2009 | 6     | 10  | 20   | 13     | 45     | 0.3       | 3.3     | 0.79  | 97.6      | 35.1219 | 24.2728 |
| 2009 | 6     | 10  | 20   | 23     | 45     | 0.3       | 3.3     | 0.79  | 96        | 35.1219 | 24.1705 |
| 2009 | 6     | 10  | 20   | 33     | 45     | 0.3       | 3.3     | 0.69  | 94.1      | 35.1577 | 21.119  |
| 2009 | 6     | 10  | 20   | 43     | 45     | 0.3       | 3.3     | 0.7   | 93        | 35.1577 | 21.4265 |
| 2009 | 6     | 10  | 20   | 53     | 45     | 0.3       | 3.3     | 0.89  | 98.1      | 35.1577 | 27.1678 |
| 2009 | 6     | 10  | 21   | 3      | 45     | 0.3       | 3.3     | 0.82  | 95        | 35.1577 | 25.3227 |
| 2009 | 6     | 10  | 21   | 13     | 45     | 0.3       | 3.3     | 0.76  | 96        | 35.1577 | 23.2731 |
| 2009 | 6     | 10  | 21   | 23     | 45     | 0.3       | 3.3     | 0.82  | 96.2      | 35.1935 | 25.0416 |
| 2009 | 6     | 10  | 21   | 33     | 45     | 0.3       | 3.3     | 0.7   | 90.5      | 35.1935 | 21.6543 |
| 2009 | 6     | 10  | 21   | 43     | 45     | 0.3       | 3.3     | 0.74  | 92.3      | 35.1935 | 22.7839 |
| 2009 | 6     | 10  | 21   | 53     | 45     | 0.3       | 3.3     | 0.8   | 94        | 35.265  | 24.5803 |
| 2009 | 6     | 10  | 22   | 3      | 45     | 0.3       | 3.3     | 0.87  | 98.9      | 35.265  | 26.5334 |
| 2009 | 6     | 10  | 22   | 13     | 45     | 0.3       | 3.3     | 0.65  | 92        | 35.3008 | 20.1788 |
| 2009 | 6     | 10  | 22   | 23     | 45     | 0.3       | 3.3     | 0.82  | 96.4      | 35.3008 | 25.3261 |
| 2009 | 6     | 10  | 22   | 33     | 45     | 0.3       | 3.3     | 0.69  | 92.7      | 35.3008 | 21.2079 |
| 2009 | 6     | 10  | 22   | 43     | 45     | 0.3       | 3.3     | 0.83  | 97.5      | 35.3008 | 25.429  |
| 2009 | 6     | 10  | 22   | 53     | 45     | 0.3       | 3.3     | 0.81  | 97.6      | 35.3366 | 25.0436 |
| 2009 | 6     | 10  | 23   | 3      | 45     | 0.3       | 3.3     | 0.63  | 94.5      | 35.3366 | 19.3764 |
| 2009 | 6     | 10  | 23   | 13     | 45     | 0.3       | 3.3     | 0.87  | 99.6      | 35.3366 | 26.5889 |
| 2009 | 6     | 10  | 23   | 23     | 45     | 0.3       | 3.3     | 0.73  | 98.5      | 35.3366 | 22.4671 |
| 2009 | 6     | 10  | 23   | 33     | 45     | 0.3       | 3.3     | 0.81  | 93.2      | 35.3366 | 25.2496 |
| 2009 | 6     | 10  | 23   | 43     | 45     | 0.3       | 3.3     | 0.68  | 93        | 35.3366 | 21.127  |
| 2009 | 6     | 10  | 23   | 53     | 45     | 0.3       | 3.3     | 0.85  | 96.9      | 35.3366 | 26.1767 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 11  | 0    | 3      | 45     | 0.3       | 3.3     | 0.87  | 99.5      | 35.3366 | 26.692  |
| 2009 | 6     | 11  | 0    | 13     | 45     | 0.3       | 3.3     | 0.81  | 96        | 35.3724 | 25.0698 |
| 2009 | 6     | 11  | 0    | 23     | 45     | 0.3       | 3.3     | 0.7   | 94        | 35.3724 | 21.7682 |
| 2009 | 6     | 11  | 0    | 33     | 45     | 0.3       | 3.3     | 0.76  | 95.7      | 35.3724 | 23.5233 |
| 2009 | 6     | 11  | 0    | 43     | 45     | 0.3       | 3.3     | 0.72  | 95        | 35.3724 | 22.181  |
| 2009 | 6     | 11  | 0    | 53     | 45     | 0.3       | 3.3     | 0.7   | 94        | 35.3724 | 21.665  |
| 2009 | 6     | 11  | 1    | 3      | 45     | 0.3       | 3.3     | 0.67  | 92.8      | 35.3724 | 20.7366 |
| 2009 | 6     | 11  | 1    | 13     | 45     | 0.3       | 3.3     | 0.87  | 98.2      | 35.3724 | 26.823  |
| 2009 | 6     | 11  | 1    | 23     | 45     | 0.3       | 3.3     | 0.77  | 97.9      | 35.3724 | 23.6266 |
| 2009 | 6     | 11  | 1    | 33     | 45     | 0.3       | 3.3     | 0.75  | 94        | 35.3724 | 23.2135 |
| 2009 | 6     | 11  | 1    | 43     | 45     | 0.3       | 3.3     | 0.7   | 97.3      | 35.3724 | 21.5618 |
| 2009 | 6     | 11  | 1    | 53     | 45     | 0.3       | 3.3     | 0.77  | 98.1      | 35.3724 | 23.5233 |
| 2009 | 6     | 11  | 2    | 3      | 45     | 0.3       | 3.3     | 0.84  | 96.2      | 35.3724 | 26.1009 |
| 2009 | 6     | 11  | 2    | 13     | 45     | 0.3       | 3.3     | 0.71  | 93.7      | 35.3724 | 21.8714 |
| 2009 | 6     | 11  | 2    | 23     | 45     | 0.3       | 3.3     | 0.86  | 94        | 35.3724 | 26.5135 |
| 2009 | 6     | 11  | 2    | 33     | 45     | 0.3       | 3.3     | 0.7   | 93.5      | 35.3724 | 21.665  |
| 2009 | 6     | 11  | 2    | 43     | 45     | 0.3       | 3.3     | 0.9   | 98.6      | 35.3724 | 27.6485 |
| 2009 | 6     | 11  | 2    | 53     | 45     | 0.3       | 3.3     | 0.74  | 97.9      | 35.3724 | 22.8004 |
| 2009 | 6     | 11  | 3    | 3      | 45     | 0.3       | 3.3     | 0.94  | 99.9      | 35.3724 | 28.784  |
| 2009 | 6     | 11  | 3    | 13     | 45     | 0.3       | 3.3     | 0.84  | 98.4      | 35.4081 | 25.7152 |
| 2009 | 6     | 11  | 3    | 23     | 45     | 0.3       | 3.3     | 0.69  | 95.5      | 35.4081 | 21.1713 |
| 2009 | 6     | 11  | 3    | 33     | 45     | 0.3       | 3.3     | 0.85  | 95.7      | 35.4081 | 26.4379 |
| 2009 | 6     | 11  | 3    | 43     | 45     | 0.3       | 3.3     | 0.86  | 98.1      | 35.4081 | 26.5411 |
| 2009 | 6     | 11  | 3    | 53     | 45     | 0.3       | 3.3     | 0.75  | 92.8      | 35.4081 | 23.1343 |
| 2009 | 6     | 11  | 4    | 3      | 45     | 0.3       | 3.3     | 0.76  | 95.5      | 35.4081 | 23.4445 |
| 2009 | 6     | 11  | 4    | 13     | 45     | 0.3       | 3.3     | 0.83  | 94.8      | 35.4081 | 25.7152 |
| 2009 | 6     | 11  | 4    | 23     | 45     | 0.3       | 3.3     | 0.81  | 97        | 35.4081 | 25.0959 |
| 2009 | 6     | 11  | 4    | 33     | 45     | 0.3       | 3.3     | 0.84  | 97.6      | 35.4081 | 26.0249 |
| 2009 | 6     | 11  | 4    | 43     | 45     | 0.3       | 3.3     | 0.79  | 98.8      | 35.4081 | 24.2705 |
| 2009 | 6     | 11  | 4    | 53     | 45     | 0.3       | 3.3     | 0.77  | 96.8      | 35.4081 | 23.8579 |
| 2009 | 6     | 11  | 5    | 3      | 45     | 0.3       | 3.3     | 0.81  | 95.8      | 35.4081 | 24.9927 |
| 2009 | 6     | 11  | 5    | 13     | 45     | 0.3       | 3.3     | 0.79  | 93.3      | 35.4081 | 24.4769 |
| 2009 | 6     | 11  | 5    | 23     | 45     | 0.3       | 3.3     | 0.81  | 95.6      | 35.4081 | 25.0959 |
| 2009 | 6     | 11  | 5    | 33     | 45     | 0.3       | 3.3     | 0.69  | 92.7      | 35.4081 | 21.2745 |
| 2009 | 6     | 11  | 5    | 43     | 45     | 0.3       | 3.3     | 0.83  | 97.5      | 35.4081 | 25.5088 |
| 2009 | 6     | 11  | 5    | 53     | 45     | 0.3       | 3.3     | 0.73  | 95.1      | 35.4439 | 22.7446 |
| 2009 | 6     | 11  | 6    | 3      | 45     | 0.3       | 3.3     | 0.83  | 96.4      | 35.4081 | 25.5088 |
| 2009 | 6     | 11  | 6    | 13     | 45     | 0.3       | 3.3     | 0.87  | 97.6      | 35.4439 | 26.8789 |
| 2009 | 6     | 11  | 6    | 23     | 45     | 0.3       | 3.3     | 0.92  | 99        | 35.4439 | 28.3267 |
| 2009 | 6     | 11  | 6    | 33     | 45     | 0.3       | 3.3     | 0.81  | 97.7      | 35.4439 | 25.0188 |
| 2009 | 6     | 11  | 6    | 43     | 45     | 0.3       | 3.3     | 0.73  | 93.8      | 35.4439 | 22.7446 |
| 2009 | 6     | 11  | 6    | 53     | 45     | 0.3       | 3.3     | 0.85  | 96.2      | 35.4439 | 26.4654 |
| 2009 | 6     | 11  | 7    | 3      | 45     | 0.3       | 3.3     | 0.75  | 95.8      | 35.4796 | 23.0791 |
| 2009 | 6     | 11  | 7    | 13     | 45     | 0.3       | 3.3     | 0.79  | 95.2      | 35.4796 | 24.6312 |
| 2009 | 6     | 11  | 7    | 23     | 45     | 0.3       | 3.3     | 0.63  | 91.5      | 35.4796 | 19.5609 |
| 2009 | 6     | 11  | 7    | 33     | 45     | 0.3       | 3.3     | 0.89  | 98.9      | 35.4796 | 27.4244 |
| 2009 | 6     | 11  | 7    | 43     | 45     | 0.3       | 3.3     | 0.85  | 96        | 35.4796 | 26.3895 |
| 2009 | 6     | 11  | 7    | 53     | 45     | 0.3       | 3.3     | 0.7   | 96.5      | 35.5154 | 21.652  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 11  | 8    | 3      | 45     | 0.3       | 3.3     | 0.79  | 94.3      | 35.5154 | 24.4499 |
| 2009 | 6     | 11  | 8    | 13     | 45     | 0.3       | 3.3     | 0.8   | 97        | 35.5511 | 24.8896 |
| 2009 | 6     | 11  | 8    | 23     | 45     | 0.3       | 3.3     | 0.84  | 98.4      | 35.5511 | 25.8223 |
| 2009 | 6     | 11  | 8    | 41     | 28     | 0.3       | 3.3     | 0.84  | 99.2      | 35.5511 | 26.0297 |
| 2009 | 6     | 11  | 8    | 51     | 28     | 0.3       | 3.3     | 0.81  | 98.8      | 35.5511 | 25.0969 |
| 2009 | 6     | 11  | 9    | 1      | 28     | 0.3       | 3.3     | 0.9   | 97.8      | 35.5511 | 27.7926 |
| 2009 | 6     | 11  | 9    | 11     | 28     | 0.3       | 3.3     | 0.81  | 97.7      | 35.5869 | 25.1229 |
| 2009 | 6     | 11  | 9    | 21     | 28     | 0.3       | 3.3     | 0.85  | 95.1      | 35.5511 | 26.548  |
| 2009 | 6     | 11  | 9    | 31     | 28     | 0.3       | 3.3     | 0.81  | 96.5      | 35.5869 | 25.1229 |
| 2009 | 6     | 11  | 9    | 41     | 28     | 0.3       | 3.3     | 0.87  | 98.9      | 35.5869 | 26.887  |
| 2009 | 6     | 11  | 9    | 51     | 28     | 0.3       | 3.3     | 0.77  | 93.7      | 35.5869 | 23.8785 |
| 2009 | 6     | 11  | 10   | 1      | 28     | 0.3       | 3.3     | 0.88  | 98.6      | 35.5869 | 27.1984 |
| 2009 | 6     | 11  | 10   | 11     | 28     | 0.3       | 3.3     | 0.86  | 97.7      | 35.5869 | 26.6793 |
| 2009 | 6     | 11  | 10   | 21     | 28     | 0.3       | 3.3     | 0.89  | 97        | 35.5869 | 27.5099 |
| 2009 | 6     | 11  | 10   | 31     | 28     | 0.3       | 3.3     | 0.88  | 99.7      | 35.5869 | 26.9908 |
| 2009 | 6     | 11  | 10   | 41     | 28     | 0.3       | 3.3     | 0.91  | 96.8      | 35.5869 | 28.2368 |
| 2009 | 6     | 11  | 10   | 51     | 28     | 0.3       | 3.3     | 0.82  | 98.7      | 35.5869 | 25.4341 |
| 2009 | 6     | 11  | 11   | 1      | 28     | 0.3       | 3.3     | 0.84  | 99.7      | 35.5869 | 25.7454 |
| 2009 | 6     | 11  | 11   | 11     | 28     | 0.3       | 3.3     | 0.86  | 98.3      | 35.5869 | 26.6793 |
| 2009 | 6     | 11  | 11   | 21     | 28     | 0.3       | 3.3     | 0.86  | 100.3     | 35.5869 | 26.5756 |
| 2009 | 6     | 11  | 11   | 31     | 28     | 0.3       | 3.3     | 0.86  | 99        | 35.5869 | 26.5756 |
| 2009 | 6     | 11  | 11   | 41     | 28     | 0.3       | 3.3     | 0.91  | 100.1     | 35.5869 | 28.133  |
| 2009 | 6     | 11  | 11   | 51     | 28     | 0.3       | 3.3     | 0.86  | 98.1      | 35.5869 | 26.5756 |
| 2009 | 6     | 11  | 12   | 1      | 28     | 0.3       | 3.3     | 0.89  | 100.9     | 35.5869 | 27.1984 |
| 2009 | 6     | 11  | 12   | 11     | 28     | 0.3       | 3.3     | 0.85  | 99.6      | 35.5869 | 26.0566 |
| 2009 | 6     | 11  | 12   | 21     | 28     | 0.3       | 3.3     | 0.82  | 95.3      | 35.5869 | 25.5379 |
| 2009 | 6     | 11  | 12   | 31     | 28     | 0.3       | 3.3     | 0.85  | 95.3      | 35.5869 | 26.368  |
| 2009 | 6     | 11  | 12   | 41     | 28     | 0.3       | 3.3     | 0.88  | 100.1     | 35.5869 | 26.9908 |
| 2009 | 6     | 11  | 12   | 51     | 28     | 0.3       | 3.3     | 0.88  | 99        | 35.5869 | 27.0946 |
| 2009 | 6     | 11  | 13   | 1      | 28     | 0.3       | 3.3     | 0.84  | 100.3     | 35.5869 | 25.9529 |
| 2009 | 6     | 11  | 13   | 11     | 28     | 0.3       | 3.3     | 0.81  | 100.7     | 35.5869 | 25.0192 |
| 2009 | 6     | 11  | 13   | 21     | 28     | 0.3       | 3.3     | 0.88  | 98.8      | 35.5869 | 27.0946 |
| 2009 | 6     | 11  | 13   | 31     | 28     | 0.3       | 3.3     | 0.81  | 97.6      | 35.5869 | 25.2266 |
| 2009 | 6     | 11  | 13   | 41     | 28     | 0.3       | 3.3     | 0.86  | 100.1     | 35.5869 | 26.4718 |
| 2009 | 6     | 11  | 13   | 51     | 28     | 0.3       | 3.3     | 0.84  | 99.2      | 35.5869 | 25.9529 |
| 2009 | 6     | 11  | 14   | 1      | 28     | 0.3       | 3.3     | 0.88  | 98.1      | 35.6226 | 27.3305 |
| 2009 | 6     | 11  | 14   | 11     | 28     | 0.3       | 3.3     | 0.9   | 102.4     | 35.5869 | 27.5099 |
| 2009 | 6     | 11  | 14   | 21     | 28     | 0.3       | 3.3     | 0.85  | 100.7     | 35.5869 | 26.1604 |
| 2009 | 6     | 11  | 14   | 31     | 28     | 0.3       | 3.3     | 0.87  | 98.7      | 35.5869 | 26.7831 |
| 2009 | 6     | 11  | 14   | 41     | 28     | 0.3       | 3.3     | 0.88  | 97.5      | 35.5869 | 27.406  |
| 2009 | 6     | 11  | 14   | 51     | 28     | 0.3       | 3.3     | 0.85  | 99.3      | 35.6226 | 26.2914 |
| 2009 | 6     | 11  | 15   | 1      | 28     | 0.3       | 3.3     | 0.88  | 97.9      | 35.6583 | 27.3588 |
| 2009 | 6     | 11  | 15   | 11     | 28     | 0.3       | 3.3     | 0.81  | 97.5      | 35.6583 | 25.071  |
| 2009 | 6     | 11  | 15   | 21     | 28     | 0.3       | 3.3     | 0.9   | 98.2      | 35.6583 | 27.9831 |
| 2009 | 6     | 11  | 15   | 31     | 28     | 0.3       | 3.3     | 0.85  | 99.3      | 35.6583 | 26.3186 |
| 2009 | 6     | 11  | 15   | 41     | 28     | 0.3       | 3.3     | 0.84  | 98.5      | 35.6226 | 25.9798 |
| 2009 | 6     | 11  | 15   | 51     | 28     | 0.3       | 3.3     | 0.9   | 96.2      | 35.6226 | 28.1621 |
| 2009 | 6     | 11  | 16   | 1      | 28     | 0.3       | 3.3     | 0.83  | 99.3      | 35.6226 | 25.6682 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 11  | 16   | 11     | 28     | 0.3       | 3.3     | 0.88  | 96.7      | 35.6226 | 27.2266 |
| 2009 | 6     | 11  | 16   | 21     | 28     | 0.3       | 3.3     | 0.85  | 96.9      | 35.6226 | 26.3953 |
| 2009 | 6     | 11  | 16   | 31     | 28     | 0.3       | 3.3     | 0.89  | 97        | 35.6226 | 27.7463 |
| 2009 | 6     | 11  | 16   | 41     | 28     | 0.3       | 3.3     | 0.92  | 97.2      | 35.6226 | 28.682  |
| 2009 | 6     | 11  | 16   | 51     | 28     | 0.3       | 3.3     | 0.91  | 100       | 35.6226 | 27.9542 |
| 2009 | 6     | 11  | 17   | 1      | 28     | 0.3       | 3.3     | 0.92  | 95.8      | 35.6583 | 28.6075 |
| 2009 | 6     | 11  | 17   | 11     | 28     | 0.3       | 3.3     | 0.88  | 98.6      | 35.6226 | 27.1226 |
| 2009 | 6     | 11  | 17   | 21     | 28     | 0.3       | 3.3     | 0.86  | 97.5      | 35.6226 | 26.707  |
| 2009 | 6     | 11  | 17   | 31     | 28     | 0.3       | 3.3     | 0.85  | 97.7      | 35.6226 | 26.4992 |
| 2009 | 6     | 11  | 17   | 41     | 28     | 0.3       | 3.3     | 0.9   | 100.1     | 35.6226 | 27.6423 |
| 2009 | 6     | 11  | 17   | 51     | 28     | 0.3       | 3.3     | 0.88  | 98.2      | 35.6226 | 27.2266 |
| 2009 | 6     | 11  | 18   | 1      | 28     | 0.3       | 3.3     | 0.83  | 98.7      | 35.6226 | 25.5643 |
| 2009 | 6     | 11  | 18   | 11     | 28     | 0.3       | 3.3     | 0.89  | 97        | 35.6226 | 27.5384 |
| 2009 | 6     | 11  | 18   | 21     | 28     | 0.3       | 3.3     | 0.87  | 99.1      | 35.6226 | 27.0187 |
| 2009 | 6     | 11  | 18   | 31     | 28     | 0.3       | 3.3     | 0.89  | 101.3     | 35.6226 | 27.2266 |
| 2009 | 6     | 11  | 18   | 41     | 28     | 0.3       | 3.3     | 0.86  | 96.6      | 35.6226 | 26.8109 |
| 2009 | 6     | 11  | 18   | 51     | 28     | 0.3       | 3.3     | 0.93  | 100.3     | 35.6226 | 28.786  |
| 2009 | 6     | 11  | 19   | 1      | 28     | 0.3       | 3.3     | 0.88  | 99.9      | 35.6226 | 27.0187 |
| 2009 | 6     | 11  | 19   | 11     | 28     | 0.3       | 3.3     | 0.79  | 99.3      | 35.6226 | 24.526  |
| 2009 | 6     | 11  | 19   | 21     | 28     | 0.3       | 3.3     | 0.85  | 101.6     | 35.6226 | 25.9798 |
| 2009 | 6     | 11  | 19   | 31     | 28     | 0.3       | 3.3     | 0.84  | 97.2      | 35.6226 | 26.0836 |
| 2009 | 6     | 11  | 19   | 41     | 28     | 0.3       | 3.3     | 0.88  | 101.4     | 35.6226 | 27.1226 |
| 2009 | 6     | 11  | 19   | 51     | 28     | 0.3       | 3.3     | 0.86  | 98.4      | 35.6226 | 26.4992 |
| 2009 | 6     | 11  | 20   | 1      | 28     | 0.3       | 3.3     | 0.87  | 98.2      | 35.6583 | 27.0467 |
| 2009 | 6     | 11  | 20   | 11     | 28     | 0.3       | 3.3     | 0.91  | 99.7      | 35.6583 | 28.1912 |
| 2009 | 6     | 11  | 20   | 21     | 28     | 0.3       | 3.3     | 0.89  | 97        | 35.6226 | 27.5384 |
| 2009 | 6     | 11  | 20   | 31     | 28     | 0.3       | 3.3     | 0.86  | 96.1      | 35.6226 | 26.707  |
| 2009 | 6     | 11  | 20   | 41     | 28     | 0.3       | 3.3     | 0.78  | 92.9      | 35.6583 | 24.4475 |
| 2009 | 6     | 11  | 20   | 51     | 28     | 0.3       | 3.3     | 0.88  | 97.9      | 35.6583 | 27.3588 |
| 2009 | 6     | 11  | 21   | 1      | 28     | 0.3       | 3.3     | 0.9   | 101       | 35.6583 | 27.5669 |
| 2009 | 6     | 11  | 21   | 11     | 28     | 0.3       | 3.3     | 0.89  | 96.5      | 35.6226 | 27.7463 |
| 2009 | 6     | 11  | 21   | 21     | 28     | 0.3       | 3.3     | 0.88  | 96.2      | 35.6583 | 27.3588 |
| 2009 | 6     | 11  | 21   | 31     | 28     | 0.3       | 3.3     | 0.84  | 97.2      | 35.6583 | 26.0066 |
| 2009 | 6     | 11  | 21   | 41     | 28     | 0.3       | 3.3     | 0.83  | 100       | 35.6583 | 25.5908 |
| 2009 | 6     | 11  | 21   | 51     | 28     | 0.3       | 3.3     | 0.89  | 93.4      | 35.6583 | 27.9831 |
| 2009 | 6     | 11  | 22   | 1      | 28     | 0.3       | 3.3     | 0.79  | 97.4      | 35.6583 | 24.6553 |
| 2009 | 6     | 11  | 22   | 11     | 28     | 0.3       | 3.3     | 0.86  | 98.1      | 35.6583 | 26.8386 |
| 2009 | 6     | 11  | 22   | 21     | 28     | 0.3       | 3.3     | 0.84  | 94.3      | 35.6583 | 26.1106 |
| 2009 | 6     | 11  | 22   | 31     | 28     | 0.3       | 3.3     | 0.91  | 96.9      | 35.6583 | 28.1912 |
| 2009 | 6     | 11  | 22   | 41     | 28     | 0.3       | 3.3     | 0.84  | 97.7      | 35.6583 | 26.0066 |
| 2009 | 6     | 11  | 22   | 51     | 28     | 0.3       | 3.3     | 0.84  | 96.5      | 35.6583 | 26.0066 |
| 2009 | 6     | 11  | 23   | 1      | 28     | 0.3       | 3.3     | 0.91  | 96.4      | 35.6583 | 28.5035 |
| 2009 | 6     | 11  | 23   | 11     | 28     | 0.3       | 3.3     | 0.81  | 93        | 35.6583 | 25.3828 |
| 2009 | 6     | 11  | 23   | 21     | 28     | 0.3       | 3.3     | 0.87  | 97.6      | 35.6941 | 26.9705 |
| 2009 | 6     | 11  | 23   | 31     | 28     | 0.3       | 3.3     | 0.89  | 98.3      | 35.6941 | 27.4912 |
| 2009 | 6     | 11  | 23   | 41     | 28     | 0.3       | 3.3     | 0.89  | 99.5      | 35.6941 | 27.6995 |
| 2009 | 6     | 11  | 23   | 51     | 28     | 0.3       | 3.3     | 0.89  | 100.4     | 35.6941 | 27.5953 |
| 2009 | 6     | 12  | 0    | 1      | 28     | 0.3       | 3.3     | 0.83  | 95.4      | 35.6941 | 26.0335 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 12  | 0    | 11     | 28     | 0.3       | 3.3     | 0.88  | 97.1      | 35.7298 | 27.4153 |
| 2009 | 6     | 12  | 0    | 21     | 28     | 0.3       | 3.3     | 0.83  | 100       | 35.7298 | 25.6437 |
| 2009 | 6     | 12  | 0    | 31     | 28     | 0.3       | 3.3     | 0.85  | 96.7      | 35.7298 | 26.373  |
| 2009 | 6     | 12  | 0    | 41     | 28     | 0.3       | 3.3     | 0.9   | 98.6      | 35.7298 | 27.8324 |
| 2009 | 6     | 12  | 0    | 51     | 28     | 0.3       | 3.3     | 0.87  | 96.7      | 35.7655 | 27.1305 |
| 2009 | 6     | 12  | 1    | 1      | 28     | 0.3       | 3.3     | 0.88  | 96        | 35.7655 | 27.6523 |
| 2009 | 6     | 12  | 1    | 11     | 28     | 0.3       | 3.3     | 0.79  | 93.4      | 35.7655 | 24.6275 |
| 2009 | 6     | 12  | 1    | 21     | 28     | 0.3       | 3.3     | 0.91  | 100.3     | 35.7655 | 28.2786 |
| 2009 | 6     | 12  | 1    | 31     | 28     | 0.3       | 3.3     | 0.72  | 93.1      | 35.8012 | 22.5637 |
| 2009 | 6     | 12  | 1    | 41     | 28     | 0.3       | 3.3     | 0.82  | 96        | 35.8012 | 25.5922 |
| 2009 | 6     | 12  | 1    | 51     | 28     | 0.3       | 3.3     | 0.88  | 97.9      | 35.8012 | 27.5763 |
| 2009 | 6     | 12  | 2    | 1      | 28     | 0.3       | 3.3     | 0.87  | 97.4      | 35.8012 | 27.1585 |
| 2009 | 6     | 12  | 2    | 11     | 28     | 0.3       | 3.3     | 0.85  | 97.9      | 35.8012 | 26.6362 |
| 2009 | 6     | 12  | 2    | 21     | 28     | 0.3       | 3.3     | 0.9   | 96.7      | 35.8012 | 28.0987 |
| 2009 | 6     | 12  | 2    | 31     | 28     | 0.3       | 3.3     | 0.84  | 95.4      | 35.8012 | 26.323  |
| 2009 | 6     | 12  | 2    | 41     | 28     | 0.3       | 3.3     | 0.82  | 96.7      | 35.8012 | 25.4878 |
| 2009 | 6     | 12  | 2    | 51     | 28     | 0.3       | 3.3     | 0.72  | 91.3      | 35.8012 | 22.6682 |
| 2009 | 6     | 12  | 3    | 1      | 28     | 0.3       | 3.3     | 0.89  | 96.2      | 35.8012 | 27.7853 |
| 2009 | 6     | 12  | 3    | 11     | 28     | 0.3       | 3.3     | 0.72  | 91.6      | 35.8012 | 22.4591 |
| 2009 | 6     | 12  | 3    | 21     | 28     | 0.3       | 3.3     | 0.75  | 92.3      | 35.8012 | 23.4    |
| 2009 | 6     | 12  | 3    | 31     | 28     | 0.3       | 3.3     | 0.78  | 97        | 35.8012 | 24.2356 |
| 2009 | 6     | 12  | 3    | 41     | 28     | 0.3       | 3.3     | 0.83  | 95.5      | 35.8012 | 25.9053 |
| 2009 | 6     | 12  | 3    | 51     | 28     | 0.3       | 3.3     | 0.84  | 99        | 35.8012 | 26.0097 |
| 2009 | 6     | 12  | 4    | 1      | 28     | 0.3       | 3.3     | 0.79  | 94.5      | 35.8012 | 24.7572 |
| 2009 | 6     | 12  | 4    | 11     | 28     | 0.3       | 3.3     | 0.82  | 96.4      | 35.8012 | 25.6965 |
| 2009 | 6     | 12  | 4    | 21     | 28     | 0.3       | 3.3     | 0.8   | 95.9      | 35.8369 | 24.9916 |
| 2009 | 6     | 12  | 4    | 31     | 28     | 0.3       | 3.3     | 0.76  | 93.7      | 35.8012 | 23.9226 |
| 2009 | 6     | 12  | 4    | 41     | 28     | 0.3       | 3.3     | 0.89  | 96.2      | 35.8012 | 27.7853 |
| 2009 | 6     | 12  | 4    | 51     | 28     | 0.3       | 3.3     | 0.75  | 95.8      | 35.8012 | 23.5046 |
| 2009 | 6     | 12  | 5    | 1      | 28     | 0.3       | 3.3     | 0.71  | 91.6      | 35.8012 | 22.2501 |
| 2009 | 6     | 12  | 5    | 11     | 28     | 0.3       | 3.3     | 0.84  | 96.1      | 35.8012 | 26.2186 |
| 2009 | 6     | 12  | 5    | 21     | 28     | 0.3       | 3.3     | 0.75  | 93.3      | 35.8012 | 23.5046 |
| 2009 | 6     | 12  | 5    | 31     | 28     | 0.3       | 3.3     | 0.79  | 95        | 35.8012 | 24.8616 |
| 2009 | 6     | 12  | 5    | 41     | 28     | 0.3       | 3.3     | 0.83  | 97.5      | 35.8012 | 25.8009 |
| 2009 | 6     | 12  | 5    | 51     | 28     | 0.3       | 3.3     | 0.79  | 96.9      | 35.8012 | 24.5486 |
| 2009 | 6     | 12  | 6    | 1      | 28     | 0.3       | 3.3     | 0.87  | 99.1      | 35.8012 | 27.1585 |
| 2009 | 6     | 12  | 6    | 11     | 28     | 0.3       | 3.3     | 0.83  | 98.9      | 35.8012 | 25.6965 |
| 2009 | 6     | 12  | 6    | 21     | 28     | 0.3       | 3.3     | 0.77  | 92.2      | 35.8369 | 24.1561 |
| 2009 | 6     | 12  | 6    | 31     | 28     | 0.3       | 3.3     | 0.86  | 96.3      | 35.8369 | 27.0818 |
| 2009 | 6     | 12  | 6    | 41     | 28     | 0.3       | 3.3     | 0.77  | 95.2      | 35.8369 | 24.0517 |
| 2009 | 6     | 12  | 6    | 51     | 28     | 0.3       | 3.3     | 0.88  | 97.9      | 35.8012 | 27.3674 |
| 2009 | 6     | 12  | 7    | 1      | 28     | 0.3       | 3.3     | 0.89  | 97.4      | 35.8369 | 27.7093 |
| 2009 | 6     | 12  | 7    | 11     | 28     | 0.3       | 3.3     | 0.88  | 96.8      | 35.8369 | 27.6047 |
| 2009 | 6     | 12  | 7    | 21     | 28     | 0.3       | 3.3     | 0.89  | 97        | 35.8012 | 27.6808 |
| 2009 | 6     | 12  | 7    | 31     | 28     | 0.3       | 3.3     | 0.84  | 99.2      | 35.8369 | 26.2455 |
| 2009 | 6     | 12  | 7    | 41     | 28     | 0.3       | 3.3     | 0.89  | 100       | 35.8369 | 27.5001 |
| 2009 | 6     | 12  | 7    | 51     | 28     | 0.3       | 3.3     | 0.87  | 99.1      | 35.8369 | 26.9773 |
| 2009 | 6     | 12  | 8    | 1      | 28     | 0.3       | 3.3     | 0.85  | 99.1      | 35.8369 | 26.5591 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 12  | 8    | 11     | 28     | 0.3       | 3.3     | 0.91  | 99.1      | 35.8369 | 28.3368 |
| 2009 | 6     | 12  | 8    | 21     | 28     | 0.3       | 3.3     | 0.85  | 98.5      | 35.8369 | 26.35   |
| 2009 | 6     | 12  | 8    | 31     | 28     | 0.3       | 3.3     | 0.87  | 98.5      | 35.8369 | 26.9773 |
| 2009 | 6     | 12  | 8    | 41     | 28     | 0.3       | 3.3     | 0.84  | 97.8      | 35.8369 | 26.35   |
| 2009 | 6     | 12  | 8    | 51     | 28     | 0.3       | 3.3     | 0.83  | 99.1      | 35.8369 | 25.8275 |
| 2009 | 6     | 12  | 9    | 1      | 28     | 0.3       | 3.3     | 0.9   | 97.7      | 35.8369 | 28.2322 |
| 2009 | 6     | 12  | 9    | 11     | 28     | 0.3       | 3.3     | 0.86  | 97.9      | 35.8369 | 26.7682 |
| 2009 | 6     | 12  | 9    | 21     | 28     | 0.3       | 3.3     | 0.85  | 95.1      | 35.8369 | 26.6636 |
| 2009 | 6     | 12  | 9    | 31     | 28     | 0.3       | 3.3     | 0.85  | 97.3      | 35.8369 | 26.6636 |
| 2009 | 6     | 12  | 9    | 41     | 28     | 0.3       | 3.3     | 0.84  | 97.9      | 35.8369 | 26.141  |
| 2009 | 6     | 12  | 9    | 51     | 28     | 0.3       | 3.3     | 0.88  | 99        | 35.8369 | 27.5001 |
| 2009 | 6     | 12  | 10   | 1      | 28     | 0.3       | 3.3     | 0.73  | 93.6      | 35.8369 | 22.9008 |
| 2009 | 6     | 12  | 10   | 11     | 28     | 0.3       | 3.3     | 0.91  | 101.1     | 35.8369 | 28.023  |
| 2009 | 6     | 12  | 10   | 21     | 28     | 0.3       | 3.3     | 0.91  | 96.6      | 35.8369 | 28.5461 |
| 2009 | 6     | 12  | 10   | 31     | 28     | 0.3       | 3.3     | 0.96  | 98.2      | 35.8369 | 30.0111 |
| 2009 | 6     | 12  | 10   | 41     | 28     | 0.3       | 3.3     | 0.9   | 98.4      | 35.8369 | 27.9184 |
| 2009 | 6     | 12  | 10   | 51     | 28     | 0.3       | 3.3     | 0.9   | 98        | 35.8726 | 28.1565 |
| 2009 | 6     | 12  | 11   | 1      | 28     | 0.3       | 3.3     | 0.88  | 99.2      | 35.8726 | 27.4237 |
| 2009 | 6     | 12  | 11   | 11     | 28     | 0.3       | 3.3     | 0.9   | 100.9     | 35.8726 | 27.9471 |
| 2009 | 6     | 12  | 11   | 21     | 28     | 0.3       | 3.3     | 0.81  | 97.9      | 35.8726 | 25.3311 |
| 2009 | 6     | 12  | 11   | 31     | 28     | 0.3       | 3.3     | 0.95  | 100.2     | 35.8726 | 29.4133 |
| 2009 | 6     | 12  | 11   | 41     | 28     | 0.3       | 3.3     | 0.84  | 96.7      | 35.8726 | 26.2725 |
| 2009 | 6     | 12  | 11   | 51     | 28     | 0.3       | 3.3     | 0.87  | 98.5      | 35.8726 | 27.005  |
| 2009 | 6     | 12  | 12   | 1      | 28     | 0.3       | 3.3     | 0.88  | 97.7      | 35.8726 | 27.4237 |
| 2009 | 6     | 12  | 12   | 11     | 28     | 0.3       | 3.3     | 0.88  | 101       | 35.8726 | 27.2143 |
| 2009 | 6     | 12  | 12   | 21     | 28     | 0.3       | 3.3     | 0.84  | 95.4      | 35.8726 | 26.3771 |
| 2009 | 6     | 12  | 12   | 31     | 28     | 0.3       | 3.3     | 0.81  | 99.8      | 35.8726 | 25.2265 |
| 2009 | 6     | 12  | 12   | 41     | 28     | 0.3       | 3.3     | 0.88  | 97.1      | 35.8726 | 27.4237 |
| 2009 | 6     | 12  | 12   | 51     | 28     | 0.3       | 3.3     | 0.76  | 100.7     | 35.8726 | 23.5531 |
| 2009 | 6     | 12  | 13   | 1      | 28     | 0.3       | 3.3     | 0.9   | 99.9      | 35.8726 | 27.9471 |
| 2009 | 6     | 12  | 13   | 11     | 28     | 0.3       | 3.3     | 0.87  | 99.7      | 35.8726 | 27.1097 |
| 2009 | 6     | 12  | 13   | 21     | 28     | 0.3       | 3.3     | 0.83  | 98.9      | 35.8726 | 25.7494 |
| 2009 | 6     | 12  | 13   | 31     | 28     | 0.3       | 3.3     | 0.82  | 97.8      | 35.8726 | 25.6448 |
| 2009 | 6     | 12  | 13   | 41     | 28     | 0.3       | 3.3     | 0.81  | 100.8     | 35.8726 | 25.0173 |
| 2009 | 6     | 12  | 13   | 51     | 28     | 0.3       | 3.3     | 0.82  | 97.8      | 35.8369 | 25.723  |
| 2009 | 6     | 12  | 14   | 1      | 28     | 0.3       | 3.3     | 0.84  | 98.6      | 35.8726 | 26.0633 |
| 2009 | 6     | 12  | 14   | 11     | 28     | 0.3       | 3.3     | 0.83  | 96.8      | 35.8369 | 25.932  |
| 2009 | 6     | 12  | 14   | 21     | 28     | 0.3       | 3.3     | 0.86  | 95.7      | 35.8012 | 26.8451 |
| 2009 | 6     | 12  | 14   | 31     | 28     | 0.3       | 3.3     | 0.92  | 97.6      | 35.8369 | 28.6507 |
| 2009 | 6     | 12  | 14   | 41     | 28     | 0.3       | 3.3     | 0.85  | 99.8      | 35.8369 | 26.35   |
| 2009 | 6     | 12  | 14   | 51     | 28     | 0.3       | 3.3     | 0.9   | 97.4      | 35.8012 | 27.9942 |
| 2009 | 6     | 12  | 15   | 1      | 28     | 0.3       | 3.3     | 0.84  | 98        | 35.8369 | 26.35   |
| 2009 | 6     | 12  | 15   | 11     | 28     | 0.3       | 3.3     | 0.87  | 94.8      | 35.8012 | 27.2629 |
| 2009 | 6     | 12  | 15   | 21     | 28     | 0.3       | 3.3     | 0.93  | 97.5      | 35.8369 | 29.1739 |
| 2009 | 6     | 12  | 15   | 31     | 28     | 0.3       | 3.3     | 0.89  | 96.1      | 35.8012 | 27.9942 |
| 2009 | 6     | 12  | 15   | 41     | 28     | 0.3       | 3.3     | 0.85  | 98.4      | 35.8012 | 26.5318 |
| 2009 | 6     | 12  | 15   | 51     | 28     | 0.3       | 3.3     | 0.88  | 96        | 35.8012 | 27.5763 |
| 2009 | 6     | 12  | 16   | 1      | 28     | 0.3       | 3.3     | 0.87  | 98        | 35.8012 | 27.1585 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 12  | 16   | 11     | 28     | 0.3       | 3.3     | 0.89  | 99.1      | 35.7655 | 27.5479 |
| 2009 | 6     | 12  | 16   | 21     | 28     | 0.3       | 3.3     | 0.81  | 96.5      | 35.8012 | 25.1747 |
| 2009 | 6     | 12  | 16   | 31     | 28     | 0.3       | 3.3     | 0.84  | 96.5      | 35.8012 | 26.2186 |
| 2009 | 6     | 12  | 16   | 41     | 28     | 0.3       | 3.3     | 0.84  | 97.2      | 35.8012 | 26.1141 |
| 2009 | 6     | 12  | 16   | 51     | 28     | 0.3       | 3.3     | 0.89  | 101.1     | 35.8012 | 27.3674 |
| 2009 | 6     | 12  | 17   | 1      | 28     | 0.3       | 3.3     | 0.81  | 100.9     | 35.7655 | 25.0445 |
| 2009 | 6     | 12  | 17   | 11     | 28     | 0.3       | 3.3     | 0.88  | 99.9      | 35.8012 | 27.1585 |
| 2009 | 6     | 12  | 17   | 21     | 28     | 0.3       | 3.3     | 0.9   | 96.7      | 35.7655 | 27.9654 |
| 2009 | 6     | 12  | 17   | 31     | 28     | 0.3       | 3.3     | 0.88  | 98.1      | 35.7655 | 27.4436 |
| 2009 | 6     | 12  | 17   | 41     | 28     | 0.3       | 3.3     | 0.87  | 96.7      | 35.7655 | 27.0262 |
| 2009 | 6     | 12  | 17   | 51     | 28     | 0.3       | 3.3     | 0.87  | 98.2      | 35.7655 | 27.1305 |
| 2009 | 6     | 12  | 18   | 1      | 28     | 0.3       | 3.3     | 0.91  | 98.3      | 35.7655 | 28.1742 |
| 2009 | 6     | 12  | 18   | 11     | 28     | 0.3       | 3.3     | 0.87  | 98.6      | 35.7298 | 27.1026 |
| 2009 | 6     | 12  | 18   | 21     | 28     | 0.3       | 3.3     | 0.91  | 98.7      | 35.7655 | 28.1742 |
| 2009 | 6     | 12  | 18   | 31     | 28     | 0.3       | 3.3     | 0.88  | 97.1      | 35.7298 | 27.3111 |
| 2009 | 6     | 12  | 18   | 41     | 28     | 0.3       | 3.3     | 0.86  | 101.2     | 35.7298 | 26.4772 |
| 2009 | 6     | 12  | 18   | 51     | 28     | 0.3       | 3.3     | 0.91  | 97.3      | 35.7655 | 28.2786 |
| 2009 | 6     | 12  | 19   | 1      | 28     | 0.3       | 3.3     | 0.84  | 99.4      | 35.7298 | 26.1646 |
| 2009 | 6     | 12  | 19   | 11     | 28     | 0.3       | 3.3     | 0.86  | 100.1     | 35.7298 | 26.5814 |
| 2009 | 6     | 12  | 19   | 21     | 28     | 0.3       | 3.3     | 0.89  | 99.4      | 35.7655 | 27.5479 |
| 2009 | 6     | 12  | 19   | 31     | 28     | 0.3       | 3.3     | 0.89  | 97.4      | 35.7298 | 27.7281 |
| 2009 | 6     | 12  | 19   | 41     | 28     | 0.3       | 3.3     | 0.87  | 97.6      | 35.7298 | 27.1026 |
| 2009 | 6     | 12  | 19   | 51     | 28     | 0.3       | 3.3     | 0.88  | 98.6      | 35.7298 | 27.4153 |
| 2009 | 6     | 12  | 20   | 1      | 28     | 0.3       | 3.3     | 0.87  | 97.3      | 35.7298 | 27.2068 |
| 2009 | 6     | 12  | 20   | 11     | 28     | 0.3       | 3.3     | 0.87  | 96.1      | 35.7298 | 27.1026 |
| 2009 | 6     | 12  | 20   | 21     | 28     | 0.3       | 3.3     | 0.88  | 97.1      | 35.7298 | 27.3111 |
| 2009 | 6     | 12  | 20   | 31     | 28     | 0.3       | 3.3     | 0.91  | 97.9      | 35.7298 | 28.2495 |
| 2009 | 6     | 12  | 20   | 41     | 28     | 0.3       | 3.3     | 0.92  | 98.7      | 35.7298 | 28.4581 |
| 2009 | 6     | 12  | 20   | 51     | 28     | 0.3       | 3.3     | 0.87  | 97.8      | 35.7298 | 26.9983 |
| 2009 | 6     | 12  | 21   | 1      | 28     | 0.3       | 3.3     | 0.87  | 99.4      | 35.7298 | 26.8941 |
| 2009 | 6     | 12  | 21   | 11     | 28     | 0.3       | 3.3     | 0.85  | 97.3      | 35.7298 | 26.4772 |
| 2009 | 6     | 12  | 21   | 21     | 28     | 0.3       | 3.3     | 0.88  | 97.9      | 35.7298 | 27.5196 |
| 2009 | 6     | 12  | 21   | 31     | 28     | 0.3       | 3.3     | 0.8   | 92.8      | 35.7298 | 25.0187 |
| 2009 | 6     | 12  | 21   | 41     | 28     | 0.3       | 3.3     | 0.84  | 99.9      | 35.7298 | 25.852  |
| 2009 | 6     | 12  | 21   | 51     | 28     | 0.3       | 3.3     | 0.86  | 96.3      | 35.7298 | 26.8941 |
| 2009 | 6     | 12  | 22   | 1      | 28     | 0.3       | 3.3     | 0.86  | 99        | 35.7298 | 26.7899 |
| 2009 | 6     | 12  | 22   | 11     | 28     | 0.3       | 3.3     | 0.82  | 96.9      | 35.6941 | 25.6172 |
| 2009 | 6     | 12  | 22   | 21     | 28     | 0.3       | 3.3     | 0.84  | 97.4      | 35.7298 | 26.0604 |
| 2009 | 6     | 12  | 22   | 31     | 28     | 0.3       | 3.3     | 0.9   | 97.3      | 35.7298 | 28.0409 |
| 2009 | 6     | 12  | 22   | 41     | 28     | 0.3       | 3.3     | 0.88  | 98.6      | 35.7298 | 27.2068 |
| 2009 | 6     | 12  | 22   | 51     | 28     | 0.3       | 3.3     | 0.85  | 98.4      | 35.7298 | 26.373  |
| 2009 | 6     | 12  | 23   | 1      | 28     | 0.3       | 3.3     | 0.9   | 97.7      | 35.6941 | 28.012  |
| 2009 | 6     | 12  | 23   | 11     | 28     | 0.3       | 3.3     | 0.75  | 94.5      | 35.7298 | 23.4561 |
| 2009 | 6     | 12  | 23   | 21     | 28     | 0.3       | 3.3     | 0.89  | 97        | 35.7298 | 27.7281 |
| 2009 | 6     | 12  | 23   | 31     | 28     | 0.3       | 3.3     | 0.86  | 96.4      | 35.6941 | 26.7622 |
| 2009 | 6     | 12  | 23   | 41     | 28     | 0.3       | 3.3     | 0.79  | 93.8      | 35.7298 | 24.7063 |
| 2009 | 6     | 12  | 23   | 51     | 28     | 0.3       | 3.3     | 0.85  | 96        | 35.7298 | 26.6856 |
| 2009 | 6     | 13  | 0    | 1      | 28     | 0.3       | 3.3     | 0.85  | 97.3      | 35.7298 | 26.4772 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 13  | 0    | 11     | 28     | 0.3       | 3.3     | 0.81  | 97.2      | 35.6941 | 25.305  |
| 2009 | 6     | 13  | 0    | 21     | 28     | 0.3       | 3.3     | 0.88  | 99.2      | 35.7298 | 27.3111 |
| 2009 | 6     | 13  | 0    | 31     | 28     | 0.3       | 3.3     | 0.78  | 93.8      | 35.7298 | 24.498  |
| 2009 | 6     | 13  | 0    | 41     | 28     | 0.3       | 3.3     | 0.8   | 93.5      | 35.7298 | 25.1228 |
| 2009 | 6     | 13  | 0    | 51     | 28     | 0.3       | 3.3     | 0.81  | 94.2      | 35.6941 | 25.305  |
| 2009 | 6     | 13  | 1    | 1      | 28     | 0.3       | 3.3     | 0.83  | 97.2      | 35.7298 | 25.9562 |
| 2009 | 6     | 13  | 1    | 11     | 28     | 0.3       | 3.3     | 0.77  | 94.6      | 35.6941 | 24.0567 |
| 2009 | 6     | 13  | 1    | 21     | 28     | 0.3       | 3.3     | 0.68  | 94.7      | 35.7298 | 21.1618 |
| 2009 | 6     | 13  | 1    | 31     | 28     | 0.3       | 3.3     | 0.77  | 92.4      | 35.6941 | 24.1607 |
| 2009 | 6     | 13  | 1    | 41     | 28     | 0.3       | 3.3     | 0.82  | 96.7      | 35.6941 | 25.5131 |
| 2009 | 6     | 13  | 1    | 51     | 28     | 0.3       | 3.3     | 0.83  | 95        | 35.6941 | 25.9294 |
| 2009 | 6     | 13  | 2    | 1      | 28     | 0.3       | 3.3     | 0.8   | 95.4      | 35.7298 | 25.1228 |
| 2009 | 6     | 13  | 2    | 11     | 28     | 0.3       | 3.3     | 0.74  | 94.8      | 35.7298 | 23.0387 |
| 2009 | 6     | 13  | 2    | 21     | 28     | 0.3       | 3.3     | 0.81  | 97.9      | 35.6941 | 25.201  |
| 2009 | 6     | 13  | 2    | 31     | 28     | 0.3       | 3.3     | 0.81  | 93.3      | 35.7298 | 25.3312 |
| 2009 | 6     | 13  | 2    | 41     | 28     | 0.3       | 3.3     | 0.76  | 92.2      | 35.6941 | 23.6403 |
| 2009 | 6     | 13  | 2    | 51     | 28     | 0.3       | 3.3     | 0.74  | 92.3      | 35.6941 | 23.1191 |
| 2009 | 6     | 13  | 3    | 1      | 28     | 0.3       | 3.3     | 0.8   | 93.8      | 35.6941 | 25.0969 |
| 2009 | 6     | 13  | 3    | 11     | 28     | 0.3       | 3.3     | 0.9   | 95.9      | 35.6941 | 28.012  |
| 2009 | 6     | 13  | 3    | 21     | 28     | 0.3       | 3.3     | 0.74  | 95.6      | 35.6941 | 23.1191 |
| 2009 | 6     | 13  | 3    | 31     | 28     | 0.3       | 3.3     | 0.91  | 97.5      | 35.6941 | 28.2203 |
| 2009 | 6     | 13  | 3    | 41     | 28     | 0.3       | 3.3     | 0.72  | 95.7      | 35.6941 | 22.4938 |
| 2009 | 6     | 13  | 3    | 51     | 28     | 0.3       | 3.3     | 0.83  | 97.3      | 35.6941 | 25.7213 |
| 2009 | 6     | 13  | 4    | 1      | 28     | 0.3       | 3.3     | 0.78  | 95.8      | 35.6941 | 24.2647 |
| 2009 | 6     | 13  | 4    | 11     | 28     | 0.3       | 3.3     | 0.77  | 95.6      | 35.6941 | 23.9528 |
| 2009 | 6     | 13  | 4    | 21     | 28     | 0.3       | 3.3     | 0.84  | 97.4      | 35.6941 | 26.1376 |
| 2009 | 6     | 13  | 4    | 31     | 28     | 0.3       | 3.3     | 0.84  | 94.7      | 35.6583 | 26.3186 |
| 2009 | 6     | 13  | 4    | 41     | 28     | 0.3       | 3.3     | 0.83  | 94.1      | 35.6583 | 26.0066 |
| 2009 | 6     | 13  | 4    | 51     | 28     | 0.3       | 3.3     | 0.69  | 92.5      | 35.6941 | 21.5564 |
| 2009 | 6     | 13  | 5    | 1      | 28     | 0.3       | 3.3     | 0.85  | 95.6      | 35.6941 | 26.4499 |
| 2009 | 6     | 13  | 5    | 11     | 28     | 0.3       | 3.3     | 0.75  | 92        | 35.6941 | 23.5361 |
| 2009 | 6     | 13  | 5    | 21     | 28     | 0.3       | 3.3     | 0.85  | 94.6      | 35.6583 | 26.6306 |
| 2009 | 6     | 13  | 5    | 31     | 28     | 0.3       | 3.3     | 0.84  | 94        | 35.6583 | 26.3186 |
| 2009 | 6     | 13  | 5    | 41     | 28     | 0.3       | 3.3     | 0.74  | 95.1      | 35.6583 | 23.1993 |
| 2009 | 6     | 13  | 5    | 51     | 28     | 0.3       | 3.3     | 0.91  | 98.7      | 35.6583 | 28.2953 |
| 2009 | 6     | 13  | 6    | 1      | 28     | 0.3       | 3.3     | 0.85  | 98.2      | 35.6583 | 26.3186 |
| 2009 | 6     | 13  | 6    | 11     | 28     | 0.3       | 3.3     | 0.81  | 93.2      | 35.6583 | 25.4868 |
| 2009 | 6     | 13  | 6    | 21     | 28     | 0.3       | 3.3     | 0.74  | 93.8      | 35.6583 | 22.991  |
| 2009 | 6     | 13  | 6    | 31     | 28     | 0.3       | 3.3     | 0.84  | 97.9      | 35.6583 | 26.0066 |
| 2009 | 6     | 13  | 6    | 41     | 28     | 0.3       | 3.3     | 0.79  | 93.6      | 35.6583 | 24.6553 |
| 2009 | 6     | 13  | 6    | 51     | 28     | 0.3       | 3.3     | 0.72  | 92.4      | 35.6583 | 22.3664 |
| 2009 | 6     | 13  | 7    | 1      | 28     | 0.3       | 3.3     | 0.86  | 97.9      | 35.6583 | 26.6306 |
| 2009 | 6     | 13  | 7    | 11     | 28     | 0.3       | 3.3     | 0.84  | 94.5      | 35.6583 | 26.3186 |
| 2009 | 6     | 13  | 7    | 21     | 28     | 0.3       | 3.3     | 0.83  | 96.4      | 35.6226 | 25.6682 |
| 2009 | 6     | 13  | 7    | 31     | 28     | 0.3       | 3.3     | 0.76  | 94.5      | 35.6583 | 23.72   |
| 2009 | 6     | 13  | 7    | 41     | 28     | 0.3       | 3.3     | 0.84  | 96.2      | 35.6583 | 26.3186 |
| 2009 | 6     | 13  | 7    | 51     | 28     | 0.3       | 3.3     | 0.8   | 96.2      | 35.6583 | 24.7592 |
| 2009 | 6     | 13  | 8    | 1      | 28     | 0.3       | 3.3     | 0.85  | 97.3      | 35.6226 | 26.2914 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 13  | 8    | 11     | 28     | 0.3       | 3.3     | 0.85  | 98.2      | 35.6226 | 26.2914 |
| 2009 | 6     | 13  | 8    | 21     | 28     | 0.3       | 3.3     | 0.89  | 96.8      | 35.6226 | 27.6423 |
| 2009 | 6     | 13  | 8    | 31     | 28     | 0.3       | 3.3     | 0.84  | 99.7      | 35.6226 | 25.772  |
| 2009 | 6     | 13  | 8    | 41     | 28     | 0.3       | 3.3     | 0.89  | 99.8      | 35.5869 | 27.3022 |
| 2009 | 6     | 13  | 8    | 51     | 28     | 0.3       | 3.3     | 0.86  | 99        | 35.5511 | 26.548  |
| 2009 | 6     | 13  | 9    | 1      | 28     | 0.3       | 3.3     | 0.88  | 99.2      | 35.5511 | 27.2739 |
| 2009 | 6     | 13  | 9    | 11     | 28     | 0.3       | 3.3     | 0.9   | 99        | 35.5511 | 27.7926 |
| 2009 | 6     | 13  | 9    | 21     | 28     | 0.3       | 3.3     | 0.87  | 96        | 35.5154 | 27.142  |
| 2009 | 6     | 13  | 9    | 31     | 28     | 0.3       | 3.3     | 0.82  | 95.5      | 35.5154 | 25.3814 |
| 2009 | 6     | 13  | 9    | 41     | 28     | 0.3       | 3.3     | 0.87  | 98        | 35.5154 | 26.8312 |
| 2009 | 6     | 13  | 9    | 51     | 28     | 0.3       | 3.3     | 0.82  | 96.4      | 35.5154 | 25.4849 |
| 2009 | 6     | 13  | 10   | 1      | 28     | 0.3       | 3.3     | 0.89  | 99.9      | 35.5154 | 27.4529 |
| 2009 | 6     | 13  | 10   | 11     | 28     | 0.3       | 3.3     | 0.85  | 99.8      | 35.5154 | 26.2098 |
| 2009 | 6     | 13  | 10   | 21     | 28     | 0.3       | 3.3     | 0.86  | 101.7     | 35.5154 | 26.3133 |
| 2009 | 6     | 13  | 10   | 31     | 28     | 0.3       | 3.3     | 0.74  | 94.3      | 35.5154 | 22.9994 |
| 2009 | 6     | 13  | 10   | 41     | 28     | 0.3       | 3.3     | 0.77  | 93.4      | 35.5154 | 24.036  |
| 2009 | 6     | 13  | 10   | 51     | 28     | 0.3       | 3.3     | 0.84  | 99.5      | 35.5154 | 25.7956 |
| 2009 | 6     | 13  | 11   | 1      | 28     | 0.3       | 3.3     | 0.92  | 98.6      | 35.5154 | 28.3856 |
| 2009 | 6     | 13  | 11   | 11     | 28     | 0.3       | 3.3     | 0.85  | 94.7      | 35.5154 | 26.4169 |
| 2009 | 6     | 13  | 11   | 21     | 28     | 0.3       | 3.3     | 0.89  | 96.8      | 35.5154 | 27.4529 |
| 2009 | 6     | 13  | 11   | 31     | 28     | 0.3       | 3.3     | 0.75  | 95.5      | 35.5154 | 23.2068 |
| 2009 | 6     | 13  | 11   | 41     | 28     | 0.3       | 3.3     | 0.87  | 98        | 35.5154 | 27.0384 |
| 2009 | 6     | 13  | 11   | 51     | 28     | 0.3       | 3.3     | 0.9   | 99.2      | 35.5154 | 27.7638 |
| 2009 | 6     | 13  | 12   | 1      | 28     | 0.3       | 3.3     | 0.81  | 100.7     | 35.5154 | 24.9673 |
| 2009 | 6     | 13  | 12   | 11     | 28     | 0.3       | 3.3     | 0.9   | 101.8     | 35.5154 | 27.4529 |
| 2009 | 6     | 13  | 12   | 21     | 28     | 0.3       | 3.3     | 0.91  | 101       | 35.5154 | 27.8674 |
| 2009 | 6     | 13  | 12   | 31     | 28     | 0.3       | 3.3     | 0.89  | 101.1     | 35.5154 | 27.2457 |
| 2009 | 6     | 13  | 12   | 41     | 28     | 0.3       | 3.3     | 0.91  | 99.3      | 35.5154 | 28.0747 |
| 2009 | 6     | 13  | 12   | 51     | 28     | 0.3       | 3.3     | 0.88  | 97.7      | 35.5154 | 27.2457 |
| 2009 | 6     | 13  | 13   | 1      | 28     | 0.3       | 3.3     | 0.8   | 96.4      | 35.5154 | 24.7603 |
| 2009 | 6     | 13  | 13   | 11     | 28     | 0.3       | 3.3     | 0.84  | 97.4      | 35.5154 | 25.8991 |
| 2009 | 6     | 13  | 13   | 21     | 28     | 0.3       | 3.3     | 0.84  | 96.9      | 35.5154 | 26.1062 |
| 2009 | 6     | 13  | 13   | 31     | 28     | 0.3       | 3.3     | 0.84  | 98.4      | 35.5154 | 25.7956 |
| 2009 | 6     | 13  | 13   | 41     | 28     | 0.3       | 3.3     | 0.87  | 101.4     | 35.5154 | 26.5205 |
| 2009 | 6     | 13  | 13   | 51     | 28     | 0.3       | 3.3     | 0.85  | 97.3      | 35.5154 | 26.3133 |
| 2009 | 6     | 13  | 14   | 1      | 28     | 0.3       | 3.3     | 0.85  | 96.9      | 35.5154 | 26.4169 |
| 2009 | 6     | 13  | 14   | 11     | 28     | 0.3       | 3.3     | 0.85  | 97.1      | 35.5154 | 26.2098 |
| 2009 | 6     | 13  | 14   | 21     | 28     | 0.3       | 3.3     | 0.84  | 96.5      | 35.5154 | 25.8991 |
| 2009 | 6     | 13  | 14   | 31     | 28     | 0.3       | 3.3     | 0.86  | 98.8      | 35.5154 | 26.4169 |
| 2009 | 6     | 13  | 14   | 41     | 28     | 0.3       | 3.3     | 0.8   | 98        | 35.5154 | 24.7603 |
| 2009 | 6     | 13  | 14   | 51     | 28     | 0.3       | 3.3     | 0.87  | 98.9      | 35.5154 | 26.8312 |
| 2009 | 6     | 13  | 15   | 1      | 28     | 0.3       | 3.3     | 0.85  | 101.4     | 35.5154 | 25.8991 |
| 2009 | 6     | 13  | 15   | 11     | 28     | 0.3       | 3.3     | 0.82  | 100.4     | 35.5154 | 25.1744 |
| 2009 | 6     | 13  | 15   | 21     | 28     | 0.3       | 3.3     | 0.78  | 96.3      | 35.5154 | 24.036  |
| 2009 | 6     | 13  | 15   | 31     | 28     | 0.3       | 3.3     | 0.87  | 98.4      | 35.5154 | 26.9348 |
| 2009 | 6     | 13  | 15   | 41     | 28     | 0.3       | 3.3     | 0.82  | 100.8     | 35.4796 | 25.1482 |
| 2009 | 6     | 13  | 15   | 51     | 28     | 0.3       | 3.3     | 0.84  | 98.8      | 35.4796 | 25.8722 |
| 2009 | 6     | 13  | 16   | 1      | 28     | 0.3       | 3.3     | 0.86  | 96.6      | 35.4796 | 26.6999 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 13  | 16   | 11     | 28     | 0.3       | 3.3     | 0.89  | 99.1      | 35.4796 | 27.4244 |
| 2009 | 6     | 13  | 16   | 21     | 28     | 0.3       | 3.3     | 0.81  | 97.7      | 35.4796 | 25.0448 |
| 2009 | 6     | 13  | 16   | 31     | 28     | 0.3       | 3.3     | 0.86  | 100.5     | 35.4796 | 26.3895 |
| 2009 | 6     | 13  | 16   | 41     | 28     | 0.3       | 3.3     | 0.83  | 98.4      | 35.4796 | 25.6653 |
| 2009 | 6     | 13  | 16   | 51     | 28     | 0.3       | 3.3     | 0.88  | 97.7      | 35.4796 | 27.1139 |
| 2009 | 6     | 13  | 17   | 1      | 28     | 0.3       | 3.3     | 0.86  | 99.4      | 35.4796 | 26.5964 |
| 2009 | 6     | 13  | 17   | 11     | 28     | 0.3       | 3.3     | 0.85  | 98        | 35.4439 | 26.2587 |
| 2009 | 6     | 13  | 17   | 21     | 28     | 0.3       | 3.3     | 0.88  | 98.2      | 35.4439 | 27.0857 |
| 2009 | 6     | 13  | 17   | 31     | 28     | 0.3       | 3.3     | 0.86  | 98.3      | 35.4796 | 26.5964 |
| 2009 | 6     | 13  | 17   | 41     | 28     | 0.3       | 3.3     | 0.88  | 95.2      | 35.4439 | 27.1891 |
| 2009 | 6     | 13  | 17   | 51     | 28     | 0.3       | 3.3     | 0.88  | 100.6     | 35.4439 | 26.8789 |
| 2009 | 6     | 13  | 18   | 1      | 28     | 0.3       | 3.3     | 0.83  | 98.6      | 35.4439 | 25.6387 |
| 2009 | 6     | 13  | 18   | 11     | 28     | 0.3       | 3.3     | 0.66  | 93.7      | 35.4439 | 20.5733 |
| 2009 | 6     | 13  | 18   | 21     | 28     | 0.3       | 3.3     | 0.82  | 93.2      | 35.4439 | 25.432  |
| 2009 | 6     | 13  | 18   | 31     | 28     | 0.3       | 3.3     | 0.79  | 94.3      | 35.4439 | 24.5023 |
| 2009 | 6     | 13  | 18   | 41     | 28     | 0.3       | 3.3     | 0.89  | 97.2      | 35.4439 | 27.6027 |
| 2009 | 6     | 13  | 18   | 51     | 28     | 0.3       | 3.3     | 0.9   | 98        | 35.4439 | 27.8095 |
| 2009 | 6     | 13  | 19   | 1      | 28     | 0.3       | 3.3     | 0.72  | 91.3      | 35.4439 | 22.4342 |
| 2009 | 6     | 13  | 19   | 11     | 28     | 0.3       | 3.3     | 0.83  | 97.5      | 35.4081 | 25.5088 |
| 2009 | 6     | 13  | 19   | 21     | 28     | 0.3       | 3.3     | 0.91  | 100       | 35.4081 | 27.8839 |
| 2009 | 6     | 13  | 19   | 31     | 28     | 0.3       | 3.3     | 0.8   | 94.7      | 35.4439 | 24.8122 |
| 2009 | 6     | 13  | 19   | 41     | 28     | 0.3       | 3.3     | 0.87  | 97.4      | 35.4081 | 26.7477 |
| 2009 | 6     | 13  | 19   | 51     | 28     | 0.3       | 3.3     | 0.91  | 97.2      | 35.4081 | 28.1939 |
| 2009 | 6     | 13  | 20   | 1      | 28     | 0.3       | 3.3     | 0.81  | 96.8      | 35.4439 | 25.0188 |
| 2009 | 6     | 13  | 20   | 11     | 28     | 0.3       | 3.3     | 0.78  | 93.6      | 35.4439 | 24.1925 |
| 2009 | 6     | 13  | 20   | 21     | 28     | 0.3       | 3.3     | 0.79  | 96        | 35.4081 | 24.2705 |
| 2009 | 6     | 13  | 20   | 31     | 28     | 0.3       | 3.3     | 0.8   | 93.3      | 35.4081 | 24.7864 |
| 2009 | 6     | 13  | 20   | 41     | 28     | 0.3       | 3.3     | 0.79  | 95        | 35.4439 | 24.3991 |
| 2009 | 6     | 13  | 20   | 51     | 28     | 0.3       | 3.3     | 0.82  | 95        | 35.4439 | 25.432  |
| 2009 | 6     | 13  | 21   | 1      | 28     | 0.3       | 3.3     | 0.86  | 98.3      | 35.4439 | 26.5688 |
| 2009 | 6     | 13  | 21   | 11     | 28     | 0.3       | 3.3     | 0.83  | 95.2      | 35.4439 | 25.742  |
| 2009 | 6     | 13  | 21   | 21     | 28     | 0.3       | 3.3     | 0.74  | 88.7      | 35.4439 | 22.8481 |
| 2009 | 6     | 13  | 21   | 31     | 28     | 0.3       | 3.3     | 0.82  | 96        | 35.4081 | 25.4056 |
| 2009 | 6     | 13  | 21   | 41     | 28     | 0.3       | 3.3     | 0.85  | 96.7      | 35.4081 | 26.1281 |
| 2009 | 6     | 13  | 21   | 51     | 28     | 0.3       | 3.3     | 0.81  | 94        | 35.4081 | 25.0959 |
| 2009 | 6     | 13  | 22   | 1      | 28     | 0.3       | 3.3     | 0.77  | 93.2      | 35.4081 | 23.8579 |
| 2009 | 6     | 13  | 22   | 11     | 28     | 0.3       | 3.3     | 0.76  | 94.9      | 35.4081 | 23.6513 |
| 2009 | 6     | 13  | 22   | 21     | 28     | 0.3       | 3.3     | 0.87  | 96.7      | 35.4081 | 26.851  |
| 2009 | 6     | 13  | 22   | 31     | 28     | 0.3       | 3.3     | 0.82  | 95.7      | 35.4081 | 25.4056 |
| 2009 | 6     | 13  | 22   | 41     | 28     | 0.3       | 3.3     | 0.92  | 95.7      | 35.4081 | 28.6073 |
| 2009 | 6     | 13  | 22   | 51     | 28     | 0.3       | 3.3     | 0.75  | 93.7      | 35.4081 | 23.3411 |
| 2009 | 6     | 13  | 23   | 1      | 28     | 0.3       | 3.3     | 0.79  | 95.9      | 35.3724 | 24.5544 |
| 2009 | 6     | 13  | 23   | 11     | 28     | 0.3       | 3.3     | 0.76  | 94.4      | 35.4081 | 23.6513 |
| 2009 | 6     | 13  | 23   | 21     | 28     | 0.3       | 3.3     | 0.83  | 94.3      | 35.4081 | 25.7152 |
| 2009 | 6     | 13  | 23   | 31     | 28     | 0.3       | 3.3     | 0.83  | 95.5      | 35.3724 | 25.5853 |
| 2009 | 6     | 13  | 23   | 41     | 28     | 0.3       | 3.3     | 0.78  | 96.1      | 35.3724 | 23.9361 |
| 2009 | 6     | 13  | 23   | 51     | 28     | 0.3       | 3.3     | 0.69  | 96.6      | 35.3724 | 21.2523 |
| 2009 | 6     | 14  | 0    | 1      | 28     | 0.3       | 3.3     | 0.82  | 94.3      | 35.3724 | 25.4822 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 14  | 0    | 11     | 28     | 0.3       | 3.3     | 0.68  | 90        | 35.3724 | 20.9429 |
| 2009 | 6     | 14  | 0    | 21     | 28     | 0.3       | 3.3     | 0.86  | 95.3      | 35.3724 | 26.6167 |
| 2009 | 6     | 14  | 0    | 31     | 28     | 0.3       | 3.3     | 0.76  | 91.7      | 35.3724 | 23.5233 |
| 2009 | 6     | 14  | 0    | 41     | 28     | 0.3       | 3.3     | 0.72  | 92.4      | 35.3724 | 22.2842 |
| 2009 | 6     | 14  | 0    | 51     | 28     | 0.3       | 3.3     | 0.8   | 96.9      | 35.3724 | 24.5544 |
| 2009 | 6     | 14  | 1    | 1      | 28     | 0.3       | 3.3     | 0.65  | 92.6      | 35.3724 | 20.015  |
| 2009 | 6     | 14  | 1    | 11     | 28     | 0.3       | 3.3     | 0.88  | 95.5      | 35.3724 | 27.3389 |
| 2009 | 6     | 14  | 1    | 21     | 28     | 0.3       | 3.3     | 0.7   | 94        | 35.3724 | 21.665  |
| 2009 | 6     | 14  | 1    | 31     | 28     | 0.3       | 3.3     | 0.72  | 95.5      | 35.3724 | 22.0778 |
| 2009 | 6     | 14  | 1    | 41     | 28     | 0.3       | 3.3     | 0.87  | 95        | 35.3724 | 27.0293 |
| 2009 | 6     | 14  | 1    | 51     | 28     | 0.3       | 3.3     | 0.78  | 95.6      | 35.3366 | 24.0141 |
| 2009 | 6     | 14  | 2    | 1      | 28     | 0.3       | 3.3     | 0.87  | 97.1      | 35.3724 | 26.9262 |
| 2009 | 6     | 14  | 2    | 11     | 28     | 0.3       | 3.3     | 0.81  | 95.8      | 35.3724 | 24.9667 |
| 2009 | 6     | 14  | 2    | 21     | 28     | 0.3       | 3.3     | 0.78  | 97.8      | 35.3366 | 23.9111 |
| 2009 | 6     | 14  | 2    | 31     | 28     | 0.3       | 3.3     | 0.82  | 97.1      | 35.3724 | 25.276  |
| 2009 | 6     | 14  | 2    | 41     | 28     | 0.3       | 3.3     | 0.64  | 95.3      | 35.3724 | 19.8089 |
| 2009 | 6     | 14  | 2    | 51     | 28     | 0.3       | 3.3     | 0.84  | 97.4      | 35.3724 | 25.9978 |
| 2009 | 6     | 14  | 3    | 1      | 28     | 0.3       | 3.3     | 0.76  | 93.7      | 35.3724 | 23.5233 |
| 2009 | 6     | 14  | 3    | 11     | 28     | 0.3       | 3.3     | 0.76  | 95        | 35.3724 | 23.42   |
| 2009 | 6     | 14  | 3    | 21     | 28     | 0.3       | 3.3     | 0.87  | 99.1      | 35.3366 | 26.795  |
| 2009 | 6     | 14  | 3    | 31     | 28     | 0.3       | 3.3     | 0.79  | 95.2      | 35.3366 | 24.4258 |
| 2009 | 6     | 14  | 3    | 41     | 28     | 0.3       | 3.3     | 0.83  | 98.5      | 35.3724 | 25.3791 |
| 2009 | 6     | 14  | 3    | 51     | 28     | 0.3       | 3.3     | 0.75  | 97.1      | 35.3366 | 22.9829 |
| 2009 | 6     | 14  | 4    | 1      | 28     | 0.3       | 3.3     | 0.67  | 89.4      | 35.3366 | 20.818  |
| 2009 | 6     | 14  | 4    | 11     | 28     | 0.3       | 3.3     | 0.82  | 93.2      | 35.3724 | 25.3791 |
| 2009 | 6     | 14  | 4    | 21     | 28     | 0.3       | 3.3     | 0.86  | 95.9      | 35.3366 | 26.4859 |
| 2009 | 6     | 14  | 4    | 31     | 28     | 0.3       | 3.3     | 0.76  | 94.5      | 35.3366 | 23.3956 |
| 2009 | 6     | 14  | 4    | 41     | 28     | 0.3       | 3.3     | 0.84  | 96.5      | 35.3366 | 25.8677 |
| 2009 | 6     | 14  | 4    | 51     | 28     | 0.3       | 3.3     | 0.74  | 94.6      | 35.3366 | 22.9829 |
| 2009 | 6     | 14  | 5    | 1      | 28     | 0.3       | 3.3     | 0.77  | 92.2      | 35.3366 | 23.8082 |
| 2009 | 6     | 14  | 5    | 11     | 28     | 0.3       | 3.3     | 0.85  | 95.5      | 35.3366 | 26.2798 |
| 2009 | 6     | 14  | 5    | 21     | 28     | 0.3       | 3.3     | 0.82  | 95.5      | 35.3366 | 25.2496 |
| 2009 | 6     | 14  | 5    | 31     | 28     | 0.3       | 3.3     | 0.78  | 95.8      | 35.3366 | 24.22   |
| 2009 | 6     | 14  | 5    | 41     | 28     | 0.3       | 3.3     | 0.76  | 96.9      | 35.3366 | 23.4987 |
| 2009 | 6     | 14  | 5    | 51     | 28     | 0.3       | 3.3     | 0.71  | 98        | 35.3366 | 21.7454 |
| 2009 | 6     | 14  | 6    | 1      | 28     | 0.3       | 3.3     | 0.83  | 97        | 35.3366 | 25.6616 |
| 2009 | 6     | 14  | 6    | 11     | 28     | 0.3       | 3.3     | 0.72  | 91.3      | 35.3366 | 22.364  |
| 2009 | 6     | 14  | 6    | 21     | 28     | 0.3       | 3.3     | 0.72  | 93.7      | 35.3366 | 22.1578 |
| 2009 | 6     | 14  | 6    | 31     | 28     | 0.3       | 3.3     | 0.66  | 92.6      | 35.3724 | 20.5304 |
| 2009 | 6     | 14  | 6    | 41     | 28     | 0.3       | 3.3     | 0.84  | 98.4      | 35.3366 | 25.6616 |
| 2009 | 6     | 14  | 6    | 51     | 28     | 0.3       | 3.3     | 0.83  | 96.8      | 35.3366 | 25.6616 |
| 2009 | 6     | 14  | 7    | 1      | 28     | 0.3       | 3.3     | 0.91  | 98.7      | 35.3366 | 28.0321 |
| 2009 | 6     | 14  | 7    | 11     | 28     | 0.3       | 3.3     | 0.87  | 97.4      | 35.3366 | 26.692  |
| 2009 | 6     | 14  | 7    | 21     | 28     | 0.3       | 3.3     | 0.87  | 98.2      | 35.3366 | 26.795  |
| 2009 | 6     | 14  | 7    | 31     | 28     | 0.3       | 3.3     | 0.88  | 98.6      | 35.3366 | 27.1042 |
| 2009 | 6     | 14  | 7    | 41     | 28     | 0.3       | 3.3     | 0.85  | 98.7      | 35.3366 | 26.0737 |
| 2009 | 6     | 14  | 7    | 51     | 28     | 0.3       | 3.3     | 0.85  | 97.3      | 35.3366 | 26.2798 |
| 2009 | 6     | 14  | 8    | 1      | 28     | 0.3       | 3.3     | 0.86  | 97.2      | 35.3366 | 26.5889 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 14  | 8    | 11     | 28     | 0.3       | 3.3     | 0.93  | 98.4      | 35.3366 | 28.4445 |
| 2009 | 6     | 14  | 8    | 21     | 28     | 0.3       | 3.3     | 0.87  | 97.1      | 35.3366 | 26.8981 |
| 2009 | 6     | 14  | 8    | 31     | 28     | 0.3       | 3.3     | 0.87  | 98.2      | 35.3366 | 26.795  |
| 2009 | 6     | 14  | 8    | 41     | 28     | 0.3       | 3.3     | 0.9   | 97.7      | 35.3366 | 27.7227 |
| 2009 | 6     | 14  | 8    | 51     | 28     | 0.3       | 3.3     | 0.85  | 100.9     | 35.3366 | 25.8677 |
| 2009 | 6     | 14  | 9    | 1      | 28     | 0.3       | 3.3     | 0.89  | 97.9      | 35.3366 | 27.3104 |
| 2009 | 6     | 14  | 9    | 11     | 28     | 0.3       | 3.3     | 0.85  | 97.1      | 35.3366 | 26.1767 |
| 2009 | 6     | 14  | 9    | 21     | 28     | 0.3       | 3.3     | 0.87  | 97.8      | 35.3366 | 26.8981 |
| 2009 | 6     | 14  | 9    | 31     | 28     | 0.3       | 3.3     | 0.92  | 98        | 35.3366 | 28.4445 |
| 2009 | 6     | 14  | 9    | 41     | 28     | 0.3       | 3.3     | 0.87  | 98.5      | 35.3366 | 26.5889 |
| 2009 | 6     | 14  | 9    | 51     | 28     | 0.3       | 3.3     | 0.88  | 98.3      | 35.3366 | 27.1042 |
| 2009 | 6     | 14  | 10   | 1      | 28     | 0.3       | 3.3     | 0.85  | 96        | 35.3366 | 26.1767 |
| 2009 | 6     | 14  | 10   | 11     | 28     | 0.3       | 3.3     | 0.84  | 98.7      | 35.3366 | 25.8677 |
| 2009 | 6     | 14  | 10   | 21     | 28     | 0.3       | 3.3     | 0.82  | 100.8     | 35.3366 | 25.1466 |
| 2009 | 6     | 14  | 10   | 31     | 28     | 0.3       | 3.3     | 0.89  | 94.4      | 35.3366 | 27.6196 |
| 2009 | 6     | 14  | 10   | 41     | 28     | 0.3       | 3.3     | 0.84  | 99.2      | 35.3366 | 25.8677 |
| 2009 | 6     | 14  | 10   | 51     | 28     | 0.3       | 3.3     | 0.81  | 99.1      | 35.3366 | 24.8377 |
| 2009 | 6     | 14  | 11   | 1      | 28     | 0.3       | 3.3     | 0.82  | 98.3      | 35.3366 | 25.0436 |
| 2009 | 6     | 14  | 11   | 11     | 28     | 0.3       | 3.3     | 0.83  | 99.4      | 35.3008 | 25.3261 |
| 2009 | 6     | 14  | 11   | 21     | 28     | 0.3       | 3.3     | 0.91  | 99.8      | 35.3008 | 27.6938 |
| 2009 | 6     | 14  | 11   | 31     | 28     | 0.3       | 3.3     | 0.9   | 99.2      | 35.3366 | 27.7227 |
| 2009 | 6     | 14  | 11   | 41     | 28     | 0.3       | 3.3     | 0.87  | 98.9      | 35.3008 | 26.5611 |
| 2009 | 6     | 14  | 11   | 51     | 28     | 0.3       | 3.3     | 0.87  | 100.4     | 35.3008 | 26.6641 |
| 2009 | 6     | 14  | 12   | 1      | 28     | 0.3       | 3.3     | 0.9   | 96.9      | 35.265  | 27.6649 |
| 2009 | 6     | 14  | 12   | 11     | 28     | 0.3       | 3.3     | 0.86  | 99.9      | 35.3008 | 26.1494 |
| 2009 | 6     | 14  | 12   | 21     | 28     | 0.3       | 3.3     | 0.86  | 96.3      | 35.265  | 26.6362 |
| 2009 | 6     | 14  | 12   | 31     | 28     | 0.3       | 3.3     | 0.92  | 96.7      | 35.265  | 28.3852 |
| 2009 | 6     | 14  | 12   | 41     | 28     | 0.3       | 3.3     | 0.85  | 97.9      | 35.265  | 26.2249 |
| 2009 | 6     | 14  | 12   | 51     | 28     | 0.3       | 3.3     | 0.87  | 101.5     | 35.265  | 26.4305 |
| 2009 | 6     | 14  | 13   | 1      | 28     | 0.3       | 3.3     | 0.81  | 99.6      | 35.2293 | 24.6572 |
| 2009 | 6     | 14  | 13   | 11     | 28     | 0.3       | 3.3     | 0.81  | 99.1      | 35.2293 | 24.6572 |
| 2009 | 6     | 14  | 13   | 21     | 28     | 0.3       | 3.3     | 0.8   | 96.4      | 35.2293 | 24.452  |
| 2009 | 6     | 14  | 13   | 31     | 28     | 0.3       | 3.3     | 0.82  | 97.6      | 35.1935 | 25.1442 |
| 2009 | 6     | 14  | 13   | 41     | 28     | 0.3       | 3.3     | 0.85  | 99.1      | 35.2293 | 25.8893 |
| 2009 | 6     | 14  | 13   | 51     | 28     | 0.3       | 3.3     | 0.85  | 97.5      | 35.1935 | 26.0674 |
| 2009 | 6     | 14  | 14   | 1      | 28     | 0.3       | 3.3     | 0.84  | 100.1     | 35.1935 | 25.5544 |
| 2009 | 6     | 14  | 14   | 11     | 28     | 0.3       | 3.3     | 0.83  | 99.1      | 35.1935 | 25.2467 |
| 2009 | 6     | 14  | 14   | 21     | 28     | 0.3       | 3.3     | 0.86  | 96.4      | 35.1935 | 26.3752 |
| 2009 | 6     | 14  | 14   | 31     | 28     | 0.3       | 3.3     | 0.86  | 97        | 35.1935 | 26.2726 |
| 2009 | 6     | 14  | 14   | 41     | 28     | 0.3       | 3.3     | 0.89  | 98.7      | 35.1935 | 27.0937 |
| 2009 | 6     | 14  | 14   | 51     | 28     | 0.3       | 3.3     | 0.89  | 97.7      | 35.1935 | 27.1963 |
| 2009 | 6     | 14  | 15   | 1      | 28     | 0.3       | 3.3     | 0.86  | 96.8      | 35.1935 | 26.3752 |
| 2009 | 6     | 14  | 15   | 11     | 28     | 0.3       | 3.3     | 0.85  | 98.2      | 35.1935 | 25.9648 |
| 2009 | 6     | 14  | 15   | 21     | 28     | 0.3       | 3.3     | 0.85  | 97.7      | 35.1935 | 26.17   |
| 2009 | 6     | 14  | 15   | 31     | 28     | 0.3       | 3.3     | 0.87  | 99.1      | 35.1935 | 26.6831 |
| 2009 | 6     | 14  | 15   | 41     | 28     | 0.3       | 3.3     | 0.89  | 98.5      | 35.1935 | 27.1963 |
| 2009 | 6     | 14  | 15   | 51     | 28     | 0.3       | 3.3     | 0.9   | 98.1      | 35.1935 | 27.7097 |
| 2009 | 6     | 14  | 16   | 1      | 28     | 0.3       | 3.3     | 0.91  | 97.5      | 35.1935 | 27.915  |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 14  | 16   | 11     | 28     | 0.3       | 3.3     | 0.91  | 99        | 35.1935 | 27.7097 |
| 2009 | 6     | 14  | 16   | 21     | 28     | 0.3       | 3.3     | 0.88  | 96.4      | 35.1935 | 26.991  |
| 2009 | 6     | 14  | 16   | 31     | 28     | 0.3       | 3.3     | 0.87  | 98.3      | 35.1935 | 26.4779 |
| 2009 | 6     | 14  | 16   | 41     | 28     | 0.3       | 3.3     | 0.9   | 95        | 35.1935 | 27.7097 |
| 2009 | 6     | 14  | 16   | 51     | 28     | 0.3       | 3.3     | 0.91  | 98.5      | 35.1935 | 27.8123 |
| 2009 | 6     | 14  | 17   | 1      | 28     | 0.3       | 3.3     | 0.83  | 98.4      | 35.1935 | 25.3493 |
| 2009 | 6     | 14  | 17   | 11     | 28     | 0.3       | 3.3     | 0.85  | 99.4      | 35.1935 | 25.8622 |
| 2009 | 6     | 14  | 17   | 21     | 28     | 0.3       | 3.3     | 0.91  | 98.2      | 35.1935 | 28.0177 |
| 2009 | 6     | 14  | 17   | 31     | 28     | 0.3       | 3.3     | 0.87  | 98.7      | 35.1935 | 26.4779 |
| 2009 | 6     | 14  | 17   | 41     | 28     | 0.3       | 3.3     | 0.85  | 95.7      | 35.1935 | 26.2726 |
| 2009 | 6     | 14  | 17   | 51     | 28     | 0.3       | 3.3     | 0.86  | 97.5      | 35.1935 | 26.3752 |
| 2009 | 6     | 14  | 18   | 1      | 28     | 0.3       | 3.3     | 0.84  | 97.2      | 35.1935 | 25.657  |
| 2009 | 6     | 14  | 18   | 11     | 28     | 0.3       | 3.3     | 0.85  | 96.4      | 35.1935 | 26.0674 |
| 2009 | 6     | 14  | 18   | 21     | 28     | 0.3       | 3.3     | 0.76  | 92        | 35.1935 | 23.5031 |
| 2009 | 6     | 14  | 18   | 31     | 28     | 0.3       | 3.3     | 0.87  | 98.9      | 35.1935 | 26.5805 |
| 2009 | 6     | 14  | 18   | 41     | 28     | 0.3       | 3.3     | 0.86  | 97        | 35.1935 | 26.3752 |
| 2009 | 6     | 14  | 18   | 51     | 28     | 0.3       | 3.3     | 0.87  | 96.7      | 35.1935 | 26.7857 |
| 2009 | 6     | 14  | 19   | 1      | 28     | 0.3       | 3.3     | 0.84  | 99        | 35.1935 | 25.657  |
| 2009 | 6     | 14  | 19   | 11     | 28     | 0.3       | 3.3     | 0.81  | 99.3      | 35.1935 | 24.7339 |
| 2009 | 6     | 14  | 19   | 21     | 28     | 0.3       | 3.3     | 0.79  | 97.2      | 35.1935 | 24.2213 |
| 2009 | 6     | 14  | 19   | 31     | 28     | 0.3       | 3.3     | 0.89  | 95.1      | 35.1935 | 27.4016 |
| 2009 | 6     | 14  | 19   | 41     | 28     | 0.3       | 3.3     | 0.82  | 98.7      | 35.1935 | 25.0416 |
| 2009 | 6     | 14  | 19   | 51     | 28     | 0.3       | 3.3     | 0.88  | 97.7      | 35.1935 | 26.8884 |
| 2009 | 6     | 14  | 20   | 1      | 28     | 0.3       | 3.3     | 0.79  | 95        | 35.1935 | 24.3238 |
| 2009 | 6     | 14  | 20   | 11     | 28     | 0.3       | 3.3     | 0.75  | 92.3      | 35.1935 | 23.0921 |
| 2009 | 6     | 14  | 20   | 21     | 28     | 0.3       | 3.3     | 0.88  | 98.8      | 35.1935 | 26.8884 |
| 2009 | 6     | 14  | 20   | 31     | 28     | 0.3       | 3.3     | 0.83  | 96.8      | 35.1935 | 25.3493 |
| 2009 | 6     | 14  | 20   | 41     | 28     | 0.3       | 3.3     | 0.79  | 93.8      | 35.1935 | 24.2213 |
| 2009 | 6     | 14  | 20   | 51     | 28     | 0.3       | 3.3     | 0.87  | 95.9      | 35.1935 | 26.6831 |
| 2009 | 6     | 14  | 21   | 1      | 28     | 0.3       | 3.3     | 0.85  | 96.7      | 35.1935 | 25.9648 |
| 2009 | 6     | 14  | 21   | 11     | 28     | 0.3       | 3.3     | 0.76  | 95        | 35.1935 | 23.2976 |
| 2009 | 6     | 14  | 21   | 21     | 28     | 0.3       | 3.3     | 0.9   | 98.2      | 35.1935 | 27.4016 |
| 2009 | 6     | 14  | 21   | 31     | 28     | 0.3       | 3.3     | 0.8   | 95.6      | 35.1935 | 24.6314 |
| 2009 | 6     | 14  | 21   | 41     | 28     | 0.3       | 3.3     | 0.82  | 95.5      | 35.1935 | 25.3493 |
| 2009 | 6     | 14  | 21   | 51     | 28     | 0.3       | 3.3     | 0.75  | 95.5      | 35.1935 | 23.1948 |
| 2009 | 6     | 14  | 22   | 1      | 28     | 0.3       | 3.3     | 0.8   | 96.8      | 35.1935 | 24.6314 |
| 2009 | 6     | 14  | 22   | 11     | 28     | 0.3       | 3.3     | 0.83  | 95        | 35.1935 | 25.4519 |
| 2009 | 6     | 14  | 22   | 21     | 28     | 0.3       | 3.3     | 0.87  | 98.5      | 35.1935 | 26.5805 |
| 2009 | 6     | 14  | 22   | 31     | 28     | 0.3       | 3.3     | 0.82  | 94.8      | 35.1935 | 25.2467 |
| 2009 | 6     | 14  | 22   | 41     | 28     | 0.3       | 3.3     | 0.81  | 94.9      | 35.1935 | 25.0416 |
| 2009 | 6     | 14  | 22   | 51     | 28     | 0.3       | 3.3     | 0.71  | 94.5      | 35.1935 | 21.8597 |
| 2009 | 6     | 14  | 23   | 1      | 28     | 0.3       | 3.3     | 0.78  | 95.8      | 35.1935 | 23.9138 |
| 2009 | 6     | 14  | 23   | 11     | 28     | 0.3       | 3.3     | 0.88  | 94.5      | 35.1935 | 27.0937 |
| 2009 | 6     | 14  | 23   | 21     | 28     | 0.3       | 3.3     | 0.82  | 96        | 35.2293 | 25.2732 |
| 2009 | 6     | 14  | 23   | 31     | 28     | 0.3       | 3.3     | 0.75  | 94.3      | 35.1935 | 23.0921 |
| 2009 | 6     | 14  | 23   | 41     | 28     | 0.3       | 3.3     | 0.82  | 96.2      | 35.1935 | 25.2467 |
| 2009 | 6     | 14  | 23   | 51     | 28     | 0.3       | 3.3     | 0.77  | 93.7      | 35.1935 | 23.7087 |
| 2009 | 6     | 15  | 0    | 1      | 28     | 0.3       | 3.3     | 0.75  | 93.3      | 35.2293 | 23.0135 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 15  | 0    | 11     | 28     | 0.3       | 3.3     | 0.84  | 98.5      | 35.1935 | 25.657  |
| 2009 | 6     | 15  | 0    | 21     | 28     | 0.3       | 3.3     | 0.71  | 90        | 35.2293 | 21.7799 |
| 2009 | 6     | 15  | 0    | 31     | 28     | 0.3       | 3.3     | 0.8   | 96.4      | 35.1935 | 24.5289 |
| 2009 | 6     | 15  | 0    | 41     | 28     | 0.3       | 3.3     | 0.9   | 99.2      | 35.2293 | 27.5331 |
| 2009 | 6     | 15  | 0    | 51     | 28     | 0.3       | 3.3     | 0.9   | 95.9      | 35.1935 | 27.607  |
| 2009 | 6     | 15  | 1    | 1      | 28     | 0.3       | 3.3     | 0.8   | 98.7      | 35.2293 | 24.5546 |
| 2009 | 6     | 15  | 1    | 11     | 28     | 0.3       | 3.3     | 0.89  | 100       | 35.2293 | 27.1221 |
| 2009 | 6     | 15  | 1    | 21     | 28     | 0.3       | 3.3     | 0.89  | 98.7      | 35.2293 | 27.2248 |
| 2009 | 6     | 15  | 1    | 31     | 28     | 0.3       | 3.3     | 0.83  | 96.6      | 35.1935 | 25.3493 |
| 2009 | 6     | 15  | 1    | 41     | 28     | 0.3       | 3.3     | 0.9   | 99.6      | 35.2293 | 27.5331 |
| 2009 | 6     | 15  | 1    | 51     | 28     | 0.3       | 3.3     | 0.85  | 97.1      | 35.2293 | 25.992  |
| 2009 | 6     | 15  | 2    | 1      | 28     | 0.3       | 3.3     | 0.91  | 98.7      | 35.265  | 27.9735 |
| 2009 | 6     | 15  | 2    | 11     | 28     | 0.3       | 3.3     | 0.86  | 97.6      | 35.265  | 26.5334 |
| 2009 | 6     | 15  | 2    | 21     | 28     | 0.3       | 3.3     | 0.87  | 96.7      | 35.265  | 26.7391 |
| 2009 | 6     | 15  | 2    | 31     | 28     | 0.3       | 3.3     | 0.86  | 97.9      | 35.265  | 26.5334 |
| 2009 | 6     | 15  | 2    | 41     | 28     | 0.3       | 3.3     | 0.88  | 97.1      | 35.265  | 26.9448 |
| 2009 | 6     | 15  | 2    | 51     | 28     | 0.3       | 3.3     | 0.86  | 99.5      | 35.3008 | 26.2523 |
| 2009 | 6     | 15  | 3    | 1      | 28     | 0.3       | 3.3     | 0.73  | 93.6      | 35.3008 | 22.4436 |
| 2009 | 6     | 15  | 3    | 11     | 28     | 0.3       | 3.3     | 0.85  | 95.8      | 35.3008 | 26.2523 |
| 2009 | 6     | 15  | 3    | 21     | 28     | 0.3       | 3.3     | 0.74  | 94.6      | 35.3008 | 22.9588 |
| 2009 | 6     | 15  | 3    | 31     | 28     | 0.3       | 3.3     | 0.68  | 92.8      | 35.3366 | 21.024  |
| 2009 | 6     | 15  | 3    | 41     | 28     | 0.3       | 3.3     | 0.7   | 94.6      | 35.3008 | 21.5167 |
| 2009 | 6     | 15  | 3    | 51     | 28     | 0.3       | 3.3     | 0.76  | 94.5      | 35.3366 | 23.3956 |
| 2009 | 6     | 15  | 4    | 1      | 28     | 0.3       | 3.3     | 0.79  | 93.8      | 35.3366 | 24.4258 |
| 2009 | 6     | 15  | 4    | 11     | 28     | 0.3       | 3.3     | 0.74  | 93.3      | 35.3366 | 22.9829 |
| 2009 | 6     | 15  | 4    | 21     | 28     | 0.3       | 3.3     | 0.76  | 95        | 35.3366 | 23.3956 |
| 2009 | 6     | 15  | 4    | 31     | 28     | 0.3       | 3.3     | 0.76  | 93.7      | 35.3366 | 23.6019 |
| 2009 | 6     | 15  | 4    | 41     | 28     | 0.3       | 3.3     | 0.81  | 95.4      | 35.3366 | 24.9407 |
| 2009 | 6     | 15  | 4    | 51     | 28     | 0.3       | 3.3     | 0.76  | 93.7      | 35.3366 | 23.4987 |
| 2009 | 6     | 15  | 5    | 1      | 28     | 0.3       | 3.3     | 0.67  | 91.4      | 35.3724 | 20.6335 |
| 2009 | 6     | 15  | 5    | 11     | 28     | 0.3       | 3.3     | 0.68  | 93        | 35.3366 | 21.127  |
| 2009 | 6     | 15  | 5    | 21     | 28     | 0.3       | 3.3     | 0.66  | 91.1      | 35.3366 | 20.5089 |
| 2009 | 6     | 15  | 5    | 31     | 28     | 0.3       | 3.3     | 0.7   | 92.4      | 35.3366 | 21.5393 |
| 2009 | 6     | 15  | 5    | 41     | 28     | 0.3       | 3.3     | 0.74  | 97.2      | 35.3724 | 22.6971 |
| 2009 | 6     | 15  | 5    | 51     | 28     | 0.3       | 3.3     | 0.8   | 94.9      | 35.3724 | 24.8636 |
| 2009 | 6     | 15  | 6    | 1      | 28     | 0.3       | 3.3     | 0.84  | 93.8      | 35.3724 | 25.8947 |
| 2009 | 6     | 15  | 6    | 11     | 28     | 0.3       | 3.3     | 0.89  | 94.4      | 35.3724 | 27.6485 |
| 2009 | 6     | 15  | 6    | 21     | 28     | 0.3       | 3.3     | 0.82  | 97.1      | 35.3724 | 25.276  |
| 2009 | 6     | 15  | 6    | 31     | 28     | 0.3       | 3.3     | 0.8   | 97.1      | 35.3724 | 24.6575 |
| 2009 | 6     | 15  | 6    | 41     | 28     | 0.3       | 3.3     | 0.72  | 93.9      | 35.3724 | 22.181  |
| 2009 | 6     | 15  | 6    | 51     | 28     | 0.3       | 3.3     | 0.73  | 95.4      | 35.3724 | 22.6971 |
| 2009 | 6     | 15  | 7    | 1      | 28     | 0.3       | 3.3     | 0.85  | 95.6      | 35.3724 | 26.2041 |
| 2009 | 6     | 15  | 7    | 11     | 28     | 0.3       | 3.3     | 0.87  | 96.3      | 35.3724 | 26.9262 |
| 2009 | 6     | 15  | 7    | 21     | 28     | 0.3       | 3.3     | 0.81  | 97.5      | 35.3724 | 24.8636 |
| 2009 | 6     | 15  | 7    | 31     | 28     | 0.3       | 3.3     | 0.87  | 98.3      | 35.3724 | 26.6167 |
| 2009 | 6     | 15  | 7    | 41     | 28     | 0.3       | 3.3     | 0.8   | 94.5      | 35.3724 | 24.7605 |
| 2009 | 6     | 15  | 7    | 51     | 28     | 0.3       | 3.3     | 0.78  | 97        | 35.3724 | 24.1422 |
| 2009 | 6     | 15  | 8    | 1      | 28     | 0.3       | 3.3     | 0.74  | 95.3      | 35.3724 | 23.0069 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 15  | 8    | 11     | 28     | 0.3       | 3.3     | 0.81  | 98        | 35.3724 | 24.7605 |
| 2009 | 6     | 15  | 8    | 21     | 28     | 0.3       | 3.3     | 0.86  | 98.4      | 35.3724 | 26.3072 |
| 2009 | 6     | 15  | 8    | 31     | 28     | 0.3       | 3.3     | 0.84  | 97.2      | 35.3724 | 25.9978 |
| 2009 | 6     | 15  | 8    | 41     | 28     | 0.3       | 3.3     | 0.89  | 99.9      | 35.3724 | 27.3389 |
| 2009 | 6     | 15  | 8    | 51     | 28     | 0.3       | 3.3     | 0.87  | 97.2      | 35.3724 | 26.7198 |
| 2009 | 6     | 15  | 9    | 1      | 28     | 0.3       | 3.3     | 0.86  | 100.4     | 35.3724 | 26.2041 |
| 2009 | 6     | 15  | 9    | 11     | 28     | 0.3       | 3.3     | 0.77  | 97.1      | 35.3724 | 23.8331 |
| 2009 | 6     | 15  | 9    | 21     | 28     | 0.3       | 3.3     | 0.92  | 97.6      | 35.3724 | 28.4742 |
| 2009 | 6     | 15  | 9    | 31     | 28     | 0.3       | 3.3     | 0.82  | 98.8      | 35.3724 | 25.0698 |
| 2009 | 6     | 15  | 9    | 41     | 28     | 0.3       | 3.3     | 0.86  | 99.2      | 35.3724 | 26.5135 |
| 2009 | 6     | 15  | 9    | 51     | 28     | 0.3       | 3.3     | 0.85  | 97.8      | 35.3724 | 26.2041 |
| 2009 | 6     | 15  | 10   | 1      | 28     | 0.3       | 3.3     | 0.89  | 98        | 35.3724 | 27.5453 |
| 2009 | 6     | 15  | 10   | 11     | 28     | 0.3       | 3.3     | 0.86  | 99        | 35.3724 | 26.3072 |
| 2009 | 6     | 15  | 10   | 21     | 28     | 0.3       | 3.3     | 0.85  | 98.7      | 35.3724 | 25.9978 |
| 2009 | 6     | 15  | 10   | 31     | 28     | 0.3       | 3.3     | 0.89  | 98.3      | 35.3724 | 27.3389 |
| 2009 | 6     | 15  | 10   | 41     | 28     | 0.3       | 3.3     | 0.83  | 96.4      | 35.3724 | 25.4822 |
| 2009 | 6     | 15  | 10   | 51     | 28     | 0.3       | 3.3     | 0.88  | 100.1     | 35.3724 | 27.0293 |
| 2009 | 6     | 15  | 11   | 1      | 28     | 0.3       | 3.3     | 0.86  | 97.7      | 35.3724 | 26.4104 |
| 2009 | 6     | 15  | 11   | 11     | 28     | 0.3       | 3.3     | 0.89  | 100.6     | 35.3724 | 27.2357 |
| 2009 | 6     | 15  | 11   | 21     | 28     | 0.3       | 3.3     | 0.87  | 100.2     | 35.3724 | 26.5135 |
| 2009 | 6     | 15  | 11   | 31     | 28     | 0.3       | 3.3     | 0.9   | 98.2      | 35.3724 | 27.6485 |
| 2009 | 6     | 15  | 11   | 41     | 28     | 0.3       | 3.3     | 0.87  | 98.3      | 35.3366 | 26.5889 |
| 2009 | 6     | 15  | 11   | 51     | 28     | 0.3       | 3.3     | 0.92  | 100.5     | 35.3366 | 28.1352 |
| 2009 | 6     | 15  | 12   | 1      | 28     | 0.3       | 3.3     | 0.81  | 96.8      | 35.3724 | 24.9667 |
| 2009 | 6     | 15  | 12   | 11     | 28     | 0.3       | 3.3     | 0.83  | 99.3      | 35.3724 | 25.5853 |
| 2009 | 6     | 15  | 12   | 21     | 28     | 0.3       | 3.3     | 0.88  | 98.3      | 35.3366 | 27.1042 |
| 2009 | 6     | 15  | 12   | 31     | 28     | 0.3       | 3.3     | 0.88  | 97.9      | 35.3366 | 27.1042 |
| 2009 | 6     | 15  | 12   | 41     | 28     | 0.3       | 3.3     | 0.89  | 99.6      | 35.3366 | 27.2073 |
| 2009 | 6     | 15  | 12   | 51     | 28     | 0.3       | 3.3     | 0.9   | 99.6      | 35.3366 | 27.6196 |
| 2009 | 6     | 15  | 13   | 1      | 28     | 0.3       | 3.3     | 0.83  | 98.2      | 35.3366 | 25.4556 |
| 2009 | 6     | 15  | 13   | 11     | 28     | 0.3       | 3.3     | 0.88  | 97.9      | 35.3366 | 27.1042 |
| 2009 | 6     | 15  | 13   | 21     | 28     | 0.3       | 3.3     | 0.9   | 98.2      | 35.3366 | 27.6196 |
| 2009 | 6     | 15  | 13   | 31     | 28     | 0.3       | 3.3     | 0.8   | 101.3     | 35.3366 | 24.4258 |
| 2009 | 6     | 15  | 13   | 41     | 28     | 0.3       | 3.3     | 0.9   | 100.1     | 35.3724 | 27.4421 |
| 2009 | 6     | 15  | 13   | 51     | 28     | 0.3       | 3.3     | 0.88  | 97.3      | 35.3366 | 27.1042 |
| 2009 | 6     | 15  | 14   | 1      | 28     | 0.3       | 3.3     | 0.82  | 99.2      | 35.3366 | 25.0436 |
| 2009 | 6     | 15  | 14   | 11     | 28     | 0.3       | 3.3     | 0.89  | 99.6      | 35.3366 | 27.1042 |
| 2009 | 6     | 15  | 14   | 21     | 28     | 0.3       | 3.3     | 0.87  | 98.9      | 35.3366 | 26.795  |
| 2009 | 6     | 15  | 14   | 31     | 28     | 0.3       | 3.3     | 0.85  | 97.9      | 35.3366 | 26.2798 |
| 2009 | 6     | 15  | 14   | 41     | 28     | 0.3       | 3.3     | 0.82  | 95.5      | 35.3366 | 25.2496 |
| 2009 | 6     | 15  | 14   | 51     | 28     | 0.3       | 3.3     | 0.84  | 97.6      | 35.3366 | 25.9707 |
| 2009 | 6     | 15  | 15   | 1      | 28     | 0.3       | 3.3     | 0.86  | 98.6      | 35.3366 | 26.2798 |
| 2009 | 6     | 15  | 15   | 11     | 28     | 0.3       | 3.3     | 0.84  | 99.2      | 35.3366 | 25.6616 |
| 2009 | 6     | 15  | 15   | 21     | 28     | 0.3       | 3.3     | 0.9   | 99.4      | 35.3366 | 27.6196 |
| 2009 | 6     | 15  | 15   | 31     | 28     | 0.3       | 3.3     | 0.84  | 97.7      | 35.3366 | 25.7646 |
| 2009 | 6     | 15  | 15   | 41     | 28     | 0.3       | 3.3     | 0.77  | 98.1      | 35.3724 | 23.6266 |
| 2009 | 6     | 15  | 15   | 51     | 28     | 0.3       | 3.3     | 0.92  | 97        | 35.3366 | 28.2383 |
| 2009 | 6     | 15  | 16   | 1      | 28     | 0.3       | 3.3     | 0.81  | 100.2     | 35.3366 | 24.8377 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 15  | 16   | 11     | 28     | 0.3       | 3.3     | 0.86  | 97.5      | 35.3724 | 26.5135 |
| 2009 | 6     | 15  | 16   | 21     | 28     | 0.3       | 3.3     | 0.88  | 96.9      | 35.3366 | 27.1042 |
| 2009 | 6     | 15  | 16   | 31     | 28     | 0.3       | 3.3     | 0.87  | 100.2     | 35.3724 | 26.7198 |
| 2009 | 6     | 15  | 16   | 41     | 28     | 0.3       | 3.3     | 0.9   | 98.2      | 35.3724 | 27.5453 |
| 2009 | 6     | 15  | 16   | 51     | 28     | 0.3       | 3.3     | 0.87  | 100.7     | 35.3724 | 26.5135 |
| 2009 | 6     | 15  | 17   | 1      | 28     | 0.3       | 3.3     | 0.87  | 98.4      | 35.3724 | 26.823  |
| 2009 | 6     | 15  | 17   | 11     | 28     | 0.3       | 3.3     | 0.74  | 94.3      | 35.3724 | 22.8004 |
| 2009 | 6     | 15  | 17   | 21     | 28     | 0.3       | 3.3     | 0.88  | 98.4      | 35.4081 | 27.0575 |
| 2009 | 6     | 15  | 17   | 31     | 28     | 0.3       | 3.3     | 0.75  | 95        | 35.4081 | 23.1343 |
| 2009 | 6     | 15  | 17   | 41     | 28     | 0.3       | 3.3     | 0.77  | 95.1      | 35.4081 | 23.9611 |
| 2009 | 6     | 15  | 17   | 51     | 28     | 0.3       | 3.3     | 0.69  | 92.7      | 35.4081 | 21.3778 |
| 2009 | 6     | 15  | 18   | 1      | 28     | 0.3       | 3.3     | 0.75  | 90.8      | 35.3724 | 23.3167 |
| 2009 | 6     | 15  | 18   | 11     | 28     | 0.3       | 3.3     | 0.91  | 96.4      | 35.4081 | 28.2972 |
| 2009 | 6     | 15  | 18   | 21     | 28     | 0.3       | 3.3     | 0.81  | 94.9      | 35.3724 | 24.9667 |
| 2009 | 6     | 15  | 18   | 31     | 28     | 0.3       | 3.3     | 0.84  | 97.2      | 35.4081 | 25.9217 |
| 2009 | 6     | 15  | 18   | 41     | 28     | 0.3       | 3.3     | 0.69  | 89.5      | 35.4081 | 21.2745 |
| 2009 | 6     | 15  | 18   | 51     | 28     | 0.3       | 3.3     | 0.85  | 96.5      | 35.4081 | 26.1281 |
| 2009 | 6     | 15  | 19   | 1      | 28     | 0.3       | 3.3     | 0.71  | 92.6      | 35.4081 | 22.1008 |
| 2009 | 6     | 15  | 19   | 11     | 28     | 0.3       | 3.3     | 0.83  | 96.1      | 35.4081 | 25.7152 |
| 2009 | 6     | 15  | 19   | 21     | 28     | 0.3       | 3.3     | 0.89  | 98        | 35.4081 | 27.574  |
| 2009 | 6     | 15  | 19   | 31     | 28     | 0.3       | 3.3     | 0.73  | 94.9      | 35.4081 | 22.6175 |
| 2009 | 6     | 15  | 19   | 41     | 28     | 0.3       | 3.3     | 0.69  | 92.5      | 35.4081 | 21.2745 |
| 2009 | 6     | 15  | 19   | 51     | 28     | 0.3       | 3.3     | 0.88  | 96.4      | 35.4081 | 27.1608 |
| 2009 | 6     | 15  | 20   | 1      | 28     | 0.3       | 3.3     | 0.77  | 94.2      | 35.4081 | 23.7548 |
| 2009 | 6     | 15  | 20   | 11     | 28     | 0.3       | 3.3     | 0.82  | 97.8      | 35.4081 | 25.4056 |
| 2009 | 6     | 15  | 20   | 21     | 28     | 0.3       | 3.3     | 0.73  | 94.4      | 35.4439 | 22.6411 |
| 2009 | 6     | 15  | 20   | 31     | 28     | 0.3       | 3.3     | 0.79  | 96        | 35.4081 | 24.3737 |
| 2009 | 6     | 15  | 20   | 41     | 28     | 0.3       | 3.3     | 0.69  | 91.4      | 35.4081 | 21.3778 |
| 2009 | 6     | 15  | 20   | 51     | 28     | 0.3       | 3.3     | 0.83  | 92.7      | 35.4439 | 25.742  |
| 2009 | 6     | 15  | 21   | 1      | 28     | 0.3       | 3.3     | 0.81  | 95.6      | 35.4439 | 25.1221 |
| 2009 | 6     | 15  | 21   | 11     | 28     | 0.3       | 3.3     | 0.72  | 91.8      | 35.4439 | 22.3308 |
| 2009 | 6     | 15  | 21   | 21     | 28     | 0.3       | 3.3     | 0.81  | 95.6      | 35.4439 | 25.0188 |
| 2009 | 6     | 15  | 21   | 31     | 28     | 0.3       | 3.3     | 0.84  | 96.3      | 35.4439 | 25.8453 |
| 2009 | 6     | 15  | 21   | 41     | 28     | 0.3       | 3.3     | 0.74  | 90        | 35.4439 | 23.1585 |
| 2009 | 6     | 15  | 21   | 51     | 28     | 0.3       | 3.3     | 0.77  | 93.7      | 35.4439 | 23.8828 |
| 2009 | 6     | 15  | 22   | 1      | 28     | 0.3       | 3.3     | 0.85  | 95.3      | 35.4439 | 26.2587 |
| 2009 | 6     | 15  | 22   | 11     | 28     | 0.3       | 3.3     | 0.71  | 91.6      | 35.4439 | 21.9171 |
| 2009 | 6     | 15  | 22   | 21     | 28     | 0.3       | 3.3     | 0.84  | 94.9      | 35.4081 | 26.0249 |
| 2009 | 6     | 15  | 22   | 31     | 28     | 0.3       | 3.3     | 0.76  | 96        | 35.4081 | 23.4445 |
| 2009 | 6     | 15  | 22   | 41     | 28     | 0.3       | 3.3     | 0.82  | 96.2      | 35.4081 | 25.4056 |
| 2009 | 6     | 15  | 22   | 51     | 28     | 0.3       | 3.3     | 0.8   | 95.6      | 35.4081 | 24.8896 |
| 2009 | 6     | 15  | 23   | 1      | 28     | 0.3       | 3.3     | 0.72  | 92.6      | 35.4081 | 22.3075 |
| 2009 | 6     | 15  | 23   | 11     | 28     | 0.3       | 3.3     | 0.72  | 92.6      | 35.4081 | 22.4108 |
| 2009 | 6     | 15  | 23   | 21     | 28     | 0.3       | 3.3     | 0.88  | 98.2      | 35.4081 | 27.0575 |
| 2009 | 6     | 15  | 23   | 31     | 28     | 0.3       | 3.3     | 0.72  | 94.7      | 35.4081 | 22.2042 |
| 2009 | 6     | 15  | 23   | 41     | 28     | 0.3       | 3.3     | 0.78  | 92.4      | 35.4081 | 24.1674 |
| 2009 | 6     | 15  | 23   | 51     | 28     | 0.3       | 3.3     | 0.74  | 94.6      | 35.4081 | 23.031  |
| 2009 | 6     | 16  | 0    | 1      | 28     | 0.3       | 3.3     | 0.75  | 91.5      | 35.4081 | 23.2377 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 16  | 0    | 11     | 28     | 0.3       | 3.3     | 0.74  | 95.1      | 35.4081 | 23.031  |
| 2009 | 6     | 16  | 0    | 21     | 28     | 0.3       | 3.3     | 0.85  | 96.2      | 35.4081 | 26.3346 |
| 2009 | 6     | 16  | 0    | 31     | 28     | 0.3       | 3.3     | 0.76  | 97.6      | 35.4081 | 23.5479 |
| 2009 | 6     | 16  | 0    | 41     | 28     | 0.3       | 3.3     | 0.83  | 97.7      | 35.4081 | 25.7152 |
| 2009 | 6     | 16  | 0    | 51     | 28     | 0.3       | 3.3     | 0.79  | 95.5      | 35.4081 | 24.3737 |
| 2009 | 6     | 16  | 1    | 1      | 28     | 0.3       | 3.3     | 0.79  | 95.5      | 35.4081 | 24.58   |
| 2009 | 6     | 16  | 1    | 11     | 28     | 0.3       | 3.3     | 0.71  | 91.3      | 35.4081 | 21.9975 |
| 2009 | 6     | 16  | 1    | 21     | 28     | 0.3       | 3.3     | 0.84  | 98.1      | 35.4081 | 25.9217 |
| 2009 | 6     | 16  | 1    | 31     | 28     | 0.3       | 3.3     | 0.76  | 94.2      | 35.3724 | 23.6266 |
| 2009 | 6     | 16  | 1    | 41     | 28     | 0.3       | 3.3     | 0.79  | 94.5      | 35.3724 | 24.3483 |
| 2009 | 6     | 16  | 1    | 51     | 28     | 0.3       | 3.3     | 0.7   | 95.1      | 35.4081 | 21.7909 |
| 2009 | 6     | 16  | 2    | 1      | 28     | 0.3       | 3.3     | 0.79  | 95.9      | 35.3724 | 24.4514 |
| 2009 | 6     | 16  | 2    | 11     | 28     | 0.3       | 3.3     | 0.75  | 91.3      | 35.3724 | 23.3167 |
| 2009 | 6     | 16  | 2    | 21     | 28     | 0.3       | 3.3     | 0.74  | 92        | 35.3724 | 22.8004 |
| 2009 | 6     | 16  | 2    | 31     | 28     | 0.3       | 3.3     | 0.73  | 94.6      | 35.3724 | 22.6971 |
| 2009 | 6     | 16  | 2    | 41     | 28     | 0.3       | 3.3     | 0.83  | 93.8      | 35.3724 | 25.7915 |
| 2009 | 6     | 16  | 2    | 51     | 28     | 0.3       | 3.3     | 0.68  | 93        | 35.3724 | 21.1492 |
| 2009 | 6     | 16  | 3    | 1      | 28     | 0.3       | 3.3     | 0.79  | 95        | 35.3724 | 24.3483 |
| 2009 | 6     | 16  | 3    | 11     | 28     | 0.3       | 3.3     | 0.84  | 97.4      | 35.3724 | 25.9978 |
| 2009 | 6     | 16  | 3    | 21     | 28     | 0.3       | 3.3     | 0.82  | 99        | 35.3724 | 25.0698 |
| 2009 | 6     | 16  | 3    | 31     | 28     | 0.3       | 3.3     | 0.79  | 95.5      | 35.3724 | 24.3483 |
| 2009 | 6     | 16  | 3    | 41     | 28     | 0.3       | 3.3     | 0.76  | 95.7      | 35.3724 | 23.5233 |
| 2009 | 6     | 16  | 3    | 51     | 28     | 0.3       | 3.3     | 0.82  | 97.6      | 35.3724 | 25.1729 |
| 2009 | 6     | 16  | 4    | 1      | 28     | 0.3       | 3.3     | 0.81  | 98.1      | 35.3724 | 24.9667 |
| 2009 | 6     | 16  | 4    | 11     | 28     | 0.3       | 3.3     | 0.77  | 96.4      | 35.3724 | 23.6266 |
| 2009 | 6     | 16  | 4    | 21     | 28     | 0.3       | 3.3     | 0.75  | 94.5      | 35.3724 | 23.1102 |
| 2009 | 6     | 16  | 4    | 31     | 28     | 0.3       | 3.3     | 0.75  | 95.5      | 35.3724 | 23.1102 |
| 2009 | 6     | 16  | 4    | 41     | 28     | 0.3       | 3.3     | 0.69  | 94.9      | 35.3724 | 21.2523 |
| 2009 | 6     | 16  | 4    | 51     | 28     | 0.3       | 3.3     | 0.73  | 90.5      | 35.3724 | 22.5939 |
| 2009 | 6     | 16  | 5    | 1      | 28     | 0.3       | 3.3     | 0.84  | 97.2      | 35.3724 | 25.9978 |
| 2009 | 6     | 16  | 5    | 11     | 28     | 0.3       | 3.3     | 0.89  | 97        | 35.3724 | 27.4421 |
| 2009 | 6     | 16  | 5    | 21     | 28     | 0.3       | 3.3     | 0.87  | 95.8      | 35.3724 | 26.9262 |
| 2009 | 6     | 16  | 5    | 31     | 28     | 0.3       | 3.3     | 0.83  | 98.9      | 35.3724 | 25.4822 |
| 2009 | 6     | 16  | 5    | 41     | 28     | 0.3       | 3.3     | 0.89  | 97.8      | 35.3724 | 27.4421 |
| 2009 | 6     | 16  | 5    | 51     | 28     | 0.3       | 3.3     | 0.93  | 98.3      | 35.3724 | 28.6807 |
| 2009 | 6     | 16  | 6    | 1      | 28     | 0.3       | 3.3     | 0.76  | 94.2      | 35.4081 | 23.6513 |
| 2009 | 6     | 16  | 6    | 11     | 28     | 0.3       | 3.3     | 0.9   | 95.9      | 35.3724 | 27.8549 |
| 2009 | 6     | 16  | 6    | 21     | 28     | 0.3       | 3.3     | 0.86  | 96.8      | 35.4081 | 26.5411 |
| 2009 | 6     | 16  | 6    | 31     | 28     | 0.3       | 3.3     | 0.86  | 98.1      | 35.4081 | 26.5411 |
| 2009 | 6     | 16  | 6    | 41     | 28     | 0.3       | 3.3     | 0.85  | 95.7      | 35.4081 | 26.4379 |
| 2009 | 6     | 16  | 6    | 51     | 28     | 0.3       | 3.3     | 0.83  | 93.2      | 35.4081 | 25.8184 |
| 2009 | 6     | 16  | 7    | 1      | 28     | 0.3       | 3.3     | 0.79  | 93.8      | 35.4081 | 24.58   |
| 2009 | 6     | 16  | 7    | 11     | 28     | 0.3       | 3.3     | 0.87  | 95        | 35.4081 | 27.0575 |
| 2009 | 6     | 16  | 7    | 21     | 28     | 0.3       | 3.3     | 0.9   | 97.1      | 35.4081 | 27.7806 |
| 2009 | 6     | 16  | 7    | 31     | 28     | 0.3       | 3.3     | 0.86  | 95.9      | 35.4081 | 26.5411 |
| 2009 | 6     | 16  | 7    | 41     | 28     | 0.3       | 3.3     | 0.8   | 97        | 35.4081 | 24.7864 |
| 2009 | 6     | 16  | 7    | 51     | 28     | 0.3       | 3.3     | 0.88  | 97.9      | 35.3724 | 27.0293 |
| 2009 | 6     | 16  | 8    | 1      | 28     | 0.3       | 3.3     | 0.83  | 95.2      | 35.4081 | 25.7152 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 16  | 8    | 11     | 28     | 0.3       | 3.3     | 0.78  | 94.6      | 35.4081 | 24.0642 |
| 2009 | 6     | 16  | 8    | 21     | 28     | 0.3       | 3.3     | 0.82  | 96.6      | 35.4081 | 25.4056 |
| 2009 | 6     | 16  | 8    | 31     | 28     | 0.3       | 3.3     | 0.88  | 98.4      | 35.4081 | 26.9542 |
| 2009 | 6     | 16  | 8    | 41     | 28     | 0.3       | 3.3     | 0.9   | 97.7      | 35.4081 | 27.7806 |
| 2009 | 6     | 16  | 8    | 51     | 28     | 0.3       | 3.3     | 0.85  | 97.3      | 35.4081 | 26.2314 |
| 2009 | 6     | 16  | 9    | 1      | 28     | 0.3       | 3.3     | 0.76  | 97.2      | 35.4081 | 23.5479 |
| 2009 | 6     | 16  | 9    | 11     | 28     | 0.3       | 3.3     | 0.72  | 96.5      | 35.4081 | 22.2042 |
| 2009 | 6     | 16  | 9    | 21     | 28     | 0.3       | 3.3     | 0.83  | 97.5      | 35.4081 | 25.5088 |
| 2009 | 6     | 16  | 9    | 31     | 28     | 0.3       | 3.3     | 0.86  | 94.8      | 35.4081 | 26.5411 |
| 2009 | 6     | 16  | 9    | 41     | 28     | 0.3       | 3.3     | 0.92  | 98.8      | 35.4081 | 28.4006 |
| 2009 | 6     | 16  | 9    | 51     | 28     | 0.3       | 3.3     | 0.79  | 95.5      | 35.4081 | 24.3737 |
| 2009 | 6     | 16  | 10   | 1      | 28     | 0.3       | 3.3     | 0.84  | 96.3      | 35.4081 | 25.8184 |
| 2009 | 6     | 16  | 10   | 11     | 28     | 0.3       | 3.3     | 0.73  | 95.1      | 35.4081 | 22.6175 |
| 2009 | 6     | 16  | 10   | 21     | 28     | 0.3       | 3.3     | 0.87  | 96.9      | 35.4081 | 26.851  |
| 2009 | 6     | 16  | 10   | 31     | 28     | 0.3       | 3.3     | 0.8   | 97.6      | 35.4081 | 24.58   |
| 2009 | 6     | 16  | 10   | 41     | 28     | 0.3       | 3.3     | 0.86  | 100.1     | 35.4081 | 26.4379 |
| 2009 | 6     | 16  | 10   | 51     | 28     | 0.3       | 3.3     | 0.81  | 95.3      | 35.4081 | 25.1991 |
| 2009 | 6     | 16  | 11   | 1      | 28     | 0.3       | 3.3     | 0.8   | 95.2      | 35.4081 | 24.7864 |
| 2009 | 6     | 16  | 11   | 11     | 28     | 0.3       | 3.3     | 0.77  | 97.9      | 35.4081 | 23.6513 |
| 2009 | 6     | 16  | 11   | 21     | 28     | 0.3       | 3.3     | 0.85  | 99.5      | 35.4081 | 26.1281 |
| 2009 | 6     | 16  | 11   | 31     | 28     | 0.3       | 3.3     | 0.88  | 97.5      | 35.4081 | 27.0575 |
| 2009 | 6     | 16  | 11   | 41     | 28     | 0.3       | 3.3     | 0.77  | 94.7      | 35.4081 | 23.7548 |
| 2009 | 6     | 16  | 11   | 51     | 28     | 0.3       | 3.3     | 0.82  | 99        | 35.4081 | 25.0959 |
| 2009 | 6     | 16  | 12   | 1      | 28     | 0.3       | 3.3     | 0.87  | 98        | 35.4081 | 26.7477 |
| 2009 | 6     | 16  | 12   | 11     | 28     | 0.3       | 3.3     | 0.8   | 99        | 35.4081 | 24.58   |
| 2009 | 6     | 16  | 12   | 21     | 28     | 0.3       | 3.3     | 0.9   | 98.8      | 35.4081 | 27.574  |
| 2009 | 6     | 16  | 12   | 31     | 28     | 0.3       | 3.3     | 0.86  | 98.4      | 35.4081 | 26.3346 |
| 2009 | 6     | 16  | 12   | 41     | 28     | 0.3       | 3.3     | 0.9   | 98.6      | 35.4081 | 27.7806 |
| 2009 | 6     | 16  | 12   | 51     | 28     | 0.3       | 3.3     | 0.84  | 99        | 35.4081 | 25.8184 |
| 2009 | 6     | 16  | 13   | 1      | 28     | 0.3       | 3.3     | 0.83  | 96.6      | 35.4081 | 25.612  |
| 2009 | 6     | 16  | 13   | 11     | 28     | 0.3       | 3.3     | 0.82  | 94.2      | 35.4081 | 25.3023 |
| 2009 | 6     | 16  | 13   | 21     | 28     | 0.3       | 3.3     | 0.66  | 96        | 35.4081 | 20.4487 |
| 2009 | 6     | 16  | 13   | 31     | 28     | 0.3       | 3.3     | 0.9   | 98.8      | 35.4081 | 27.574  |
| 2009 | 6     | 16  | 13   | 41     | 28     | 0.3       | 3.3     | 0.87  | 96.3      | 35.4081 | 26.851  |
| 2009 | 6     | 16  | 13   | 51     | 28     | 0.3       | 3.3     | 0.87  | 98.2      | 35.4081 | 26.851  |
| 2009 | 6     | 16  | 14   | 1      | 28     | 0.3       | 3.3     | 0.88  | 97        | 35.4439 | 27.2925 |
| 2009 | 6     | 16  | 14   | 11     | 28     | 0.3       | 3.3     | 0.86  | 98.3      | 35.4439 | 26.4654 |
| 2009 | 6     | 16  | 14   | 21     | 28     | 0.3       | 3.3     | 0.85  | 97.9      | 35.4439 | 26.3621 |
| 2009 | 6     | 16  | 14   | 31     | 28     | 0.3       | 3.3     | 0.85  | 96.7      | 35.4081 | 26.2314 |
| 2009 | 6     | 16  | 14   | 41     | 28     | 0.3       | 3.3     | 0.84  | 100.8     | 35.4439 | 25.6387 |
| 2009 | 6     | 16  | 14   | 51     | 28     | 0.3       | 3.3     | 0.88  | 96.2      | 35.4439 | 27.1891 |
| 2009 | 6     | 16  | 15   | 1      | 28     | 0.3       | 3.3     | 0.79  | 98.6      | 35.4439 | 24.2958 |
| 2009 | 6     | 16  | 15   | 11     | 28     | 0.3       | 3.3     | 0.86  | 95.9      | 35.4439 | 26.7755 |
| 2009 | 6     | 16  | 15   | 21     | 28     | 0.3       | 3.3     | 0.86  | 99.2      | 35.4439 | 26.3621 |
| 2009 | 6     | 16  | 15   | 31     | 28     | 0.3       | 3.3     | 0.91  | 99.2      | 35.4439 | 27.913  |
| 2009 | 6     | 16  | 15   | 41     | 28     | 0.3       | 3.3     | 0.88  | 100.1     | 35.4439 | 26.9823 |
| 2009 | 6     | 16  | 15   | 51     | 28     | 0.3       | 3.3     | 0.85  | 97.5      | 35.4439 | 26.3621 |
| 2009 | 6     | 16  | 16   | 1      | 28     | 0.3       | 3.3     | 0.87  | 97.2      | 35.4439 | 26.7755 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 16  | 16   | 11     | 28     | 0.3       | 3.3     | 0.82  | 98.9      | 35.4439 | 25.3287 |
| 2009 | 6     | 16  | 16   | 21     | 28     | 0.3       | 3.3     | 0.89  | 95.7      | 35.4439 | 27.4993 |
| 2009 | 6     | 16  | 16   | 31     | 28     | 0.3       | 3.3     | 0.78  | 94.6      | 35.4081 | 24.1674 |
| 2009 | 6     | 16  | 16   | 41     | 28     | 0.3       | 3.3     | 0.83  | 96.6      | 35.4439 | 25.5353 |
| 2009 | 6     | 16  | 16   | 51     | 28     | 0.3       | 3.3     | 0.76  | 94        | 35.4439 | 23.469  |
| 2009 | 6     | 16  | 17   | 1      | 28     | 0.3       | 3.3     | 0.93  | 97.5      | 35.4439 | 28.6371 |
| 2009 | 6     | 16  | 17   | 11     | 28     | 0.3       | 3.3     | 0.88  | 98.6      | 35.4439 | 26.9823 |
| 2009 | 6     | 16  | 17   | 21     | 28     | 0.3       | 3.3     | 0.87  | 98.2      | 35.4081 | 26.851  |
| 2009 | 6     | 16  | 17   | 31     | 28     | 0.3       | 3.3     | 0.88  | 95.4      | 35.4081 | 27.1608 |
| 2009 | 6     | 16  | 17   | 41     | 28     | 0.3       | 3.3     | 0.83  | 97.5      | 35.4081 | 25.5088 |
| 2009 | 6     | 16  | 17   | 51     | 28     | 0.3       | 3.3     | 0.87  | 97.6      | 35.4081 | 26.9542 |
| 2009 | 6     | 16  | 18   | 1      | 28     | 0.3       | 3.3     | 0.84  | 98.3      | 35.4081 | 25.9217 |
| 2009 | 6     | 16  | 18   | 11     | 28     | 0.3       | 3.3     | 0.85  | 96.9      | 35.4081 | 26.2314 |
| 2009 | 6     | 16  | 18   | 21     | 28     | 0.3       | 3.3     | 0.82  | 100.8     | 35.4081 | 25.1991 |
| 2009 | 6     | 16  | 18   | 31     | 28     | 0.3       | 3.3     | 0.86  | 95.7      | 35.4081 | 26.7477 |
| 2009 | 6     | 16  | 18   | 41     | 28     | 0.3       | 3.3     | 0.88  | 96        | 35.4081 | 27.3674 |
| 2009 | 6     | 16  | 18   | 51     | 28     | 0.3       | 3.3     | 0.77  | 94.9      | 35.4081 | 23.8579 |
| 2009 | 6     | 16  | 19   | 1      | 28     | 0.3       | 3.3     | 0.89  | 98.9      | 35.4081 | 27.2641 |
| 2009 | 6     | 16  | 19   | 11     | 28     | 0.3       | 3.3     | 0.77  | 93.2      | 35.4439 | 23.8828 |
| 2009 | 6     | 16  | 19   | 21     | 28     | 0.3       | 3.3     | 0.86  | 99.2      | 35.4081 | 26.3346 |
| 2009 | 6     | 16  | 19   | 31     | 28     | 0.3       | 3.3     | 0.68  | 91.4      | 35.4439 | 21.1934 |
| 2009 | 6     | 16  | 19   | 41     | 28     | 0.3       | 3.3     | 0.77  | 95.9      | 35.4439 | 23.8828 |
| 2009 | 6     | 16  | 19   | 51     | 28     | 0.3       | 3.3     | 0.85  | 98.5      | 35.4081 | 26.0249 |
| 2009 | 6     | 16  | 20   | 1      | 28     | 0.3       | 3.3     | 0.87  | 98.7      | 35.4439 | 26.6722 |
| 2009 | 6     | 16  | 20   | 11     | 28     | 0.3       | 3.3     | 0.85  | 98.5      | 35.4081 | 26.0249 |
| 2009 | 6     | 16  | 20   | 21     | 28     | 0.3       | 3.3     | 0.71  | 96.3      | 35.4439 | 22.0205 |
| 2009 | 6     | 16  | 20   | 31     | 28     | 0.3       | 3.3     | 0.86  | 97.2      | 35.4439 | 26.5688 |
| 2009 | 6     | 16  | 20   | 41     | 28     | 0.3       | 3.3     | 0.85  | 96.4      | 35.4439 | 26.2587 |
| 2009 | 6     | 16  | 20   | 51     | 28     | 0.3       | 3.3     | 0.72  | 91.8      | 35.4439 | 22.3308 |
| 2009 | 6     | 16  | 21   | 1      | 28     | 0.3       | 3.3     | 0.85  | 96.4      | 35.4439 | 26.2587 |
| 2009 | 6     | 16  | 21   | 11     | 28     | 0.3       | 3.3     | 0.82  | 96.2      | 35.4439 | 25.432  |
| 2009 | 6     | 16  | 21   | 21     | 28     | 0.3       | 3.3     | 0.87  | 97.4      | 35.4081 | 26.7477 |
| 2009 | 6     | 16  | 21   | 31     | 28     | 0.3       | 3.3     | 0.84  | 94.3      | 35.4439 | 25.9487 |
| 2009 | 6     | 16  | 21   | 41     | 28     | 0.3       | 3.3     | 0.82  | 97.2      | 35.4439 | 25.2254 |
| 2009 | 6     | 16  | 21   | 51     | 28     | 0.3       | 3.3     | 0.76  | 92.7      | 35.4439 | 23.676  |
| 2009 | 6     | 16  | 22   | 1      | 28     | 0.3       | 3.3     | 0.83  | 96.6      | 35.4439 | 25.5353 |
| 2009 | 6     | 16  | 22   | 11     | 28     | 0.3       | 3.3     | 0.81  | 93        | 35.4439 | 25.3287 |
| 2009 | 6     | 16  | 22   | 21     | 28     | 0.3       | 3.3     | 0.72  | 91.3      | 35.4439 | 22.2273 |
| 2009 | 6     | 16  | 22   | 31     | 28     | 0.3       | 3.3     | 0.77  | 98.8      | 35.4439 | 23.676  |
| 2009 | 6     | 16  | 22   | 41     | 28     | 0.3       | 3.3     | 0.77  | 92.9      | 35.4439 | 23.8828 |
| 2009 | 6     | 16  | 22   | 51     | 28     | 0.3       | 3.3     | 0.83  | 95        | 35.4439 | 25.742  |
| 2009 | 6     | 16  | 23   | 1      | 28     | 0.3       | 3.3     | 0.81  | 94.6      | 35.4081 | 25.0959 |
| 2009 | 6     | 16  | 23   | 11     | 28     | 0.3       | 3.3     | 0.84  | 96.9      | 35.4081 | 26.0249 |
| 2009 | 6     | 16  | 23   | 21     | 28     | 0.3       | 3.3     | 0.74  | 95.1      | 35.4081 | 22.9276 |
| 2009 | 6     | 16  | 23   | 31     | 28     | 0.3       | 3.3     | 0.84  | 97.8      | 35.4081 | 25.9217 |
| 2009 | 6     | 16  | 23   | 41     | 28     | 0.3       | 3.3     | 0.81  | 97.9      | 35.4081 | 25.0959 |
| 2009 | 6     | 16  | 23   | 51     | 28     | 0.3       | 3.3     | 0.75  | 93.5      | 35.4081 | 23.1343 |
| 2009 | 6     | 17  | 0    | 1      | 28     | 0.3       | 3.3     | 0.85  | 94.9      | 35.4081 | 26.4379 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 17  | 0    | 11     | 28     | 0.3       | 3.3     | 0.83  | 95.9      | 35.4081 | 25.8184 |
| 2009 | 6     | 17  | 0    | 21     | 28     | 0.3       | 3.3     | 0.81  | 96        | 35.4081 | 25.0959 |
| 2009 | 6     | 17  | 0    | 31     | 28     | 0.3       | 3.3     | 0.7   | 93.2      | 35.4081 | 21.7909 |
| 2009 | 6     | 17  | 0    | 41     | 28     | 0.3       | 3.3     | 0.9   | 95.4      | 35.4081 | 27.9872 |
| 2009 | 6     | 17  | 0    | 51     | 28     | 0.3       | 3.3     | 0.8   | 97.5      | 35.4081 | 24.6832 |
| 2009 | 6     | 17  | 1    | 1      | 28     | 0.3       | 3.3     | 0.65  | 90.6      | 35.4081 | 20.2423 |
| 2009 | 6     | 17  | 1    | 11     | 28     | 0.3       | 3.3     | 0.84  | 95.6      | 35.4081 | 25.9217 |
| 2009 | 6     | 17  | 1    | 21     | 28     | 0.3       | 3.3     | 0.83  | 98        | 35.4081 | 25.5088 |
| 2009 | 6     | 17  | 1    | 31     | 28     | 0.3       | 3.3     | 0.78  | 96.8      | 35.4081 | 23.9611 |
| 2009 | 6     | 17  | 1    | 41     | 28     | 0.3       | 3.3     | 0.87  | 96.7      | 35.4081 | 26.851  |
| 2009 | 6     | 17  | 1    | 51     | 28     | 0.3       | 3.3     | 0.7   | 93.2      | 35.4081 | 21.7909 |
| 2009 | 6     | 17  | 2    | 1      | 28     | 0.3       | 3.3     | 0.78  | 96.1      | 35.4081 | 23.9611 |
| 2009 | 6     | 17  | 2    | 11     | 28     | 0.3       | 3.3     | 0.75  | 96.3      | 35.4081 | 23.2377 |
| 2009 | 6     | 17  | 2    | 21     | 28     | 0.3       | 3.3     | 0.81  | 95.1      | 35.4081 | 24.9927 |
| 2009 | 6     | 17  | 2    | 31     | 28     | 0.3       | 3.3     | 0.86  | 97.9      | 35.4081 | 26.6444 |
| 2009 | 6     | 17  | 2    | 41     | 28     | 0.3       | 3.3     | 0.75  | 91        | 35.4081 | 23.3411 |
| 2009 | 6     | 17  | 2    | 51     | 28     | 0.3       | 3.3     | 0.9   | 94.8      | 35.4081 | 27.7806 |
| 2009 | 6     | 17  | 3    | 1      | 28     | 0.3       | 3.3     | 0.69  | 94.1      | 35.4081 | 21.2745 |
| 2009 | 6     | 17  | 3    | 11     | 28     | 0.3       | 3.3     | 0.84  | 95.4      | 35.4081 | 26.0249 |
| 2009 | 6     | 17  | 3    | 21     | 28     | 0.3       | 3.3     | 0.69  | 93.8      | 35.4081 | 21.2745 |
| 2009 | 6     | 17  | 3    | 31     | 28     | 0.3       | 3.3     | 0.8   | 95.9      | 35.4081 | 24.7864 |
| 2009 | 6     | 17  | 3    | 41     | 28     | 0.3       | 3.3     | 0.89  | 96.1      | 35.4081 | 27.6773 |
| 2009 | 6     | 17  | 3    | 51     | 28     | 0.3       | 3.3     | 0.68  | 93        | 35.4081 | 21.1713 |
| 2009 | 6     | 17  | 4    | 1      | 28     | 0.3       | 3.3     | 0.82  | 95.7      | 35.4081 | 25.5088 |
| 2009 | 6     | 17  | 4    | 11     | 28     | 0.3       | 3.3     | 0.83  | 98.2      | 35.3724 | 25.5853 |
| 2009 | 6     | 17  | 4    | 21     | 28     | 0.3       | 3.3     | 0.77  | 94.9      | 35.4081 | 23.9611 |
| 2009 | 6     | 17  | 4    | 31     | 28     | 0.3       | 3.3     | 0.78  | 95        | 35.4081 | 24.2705 |
| 2009 | 6     | 17  | 4    | 41     | 28     | 0.3       | 3.3     | 0.87  | 98        | 35.4081 | 26.9542 |
| 2009 | 6     | 17  | 4    | 51     | 28     | 0.3       | 3.3     | 0.81  | 96.5      | 35.4081 | 24.8896 |
| 2009 | 6     | 17  | 5    | 1      | 28     | 0.3       | 3.3     | 0.63  | 91.2      | 35.3724 | 19.6028 |
| 2009 | 6     | 17  | 5    | 11     | 28     | 0.3       | 3.3     | 0.81  | 95.5      | 35.4081 | 25.1991 |
| 2009 | 6     | 17  | 5    | 21     | 28     | 0.3       | 3.3     | 0.77  | 98.3      | 35.3724 | 23.6266 |
| 2009 | 6     | 17  | 5    | 31     | 28     | 0.3       | 3.3     | 0.83  | 96.3      | 35.3724 | 25.6884 |
| 2009 | 6     | 17  | 5    | 41     | 28     | 0.3       | 3.3     | 0.78  | 94.8      | 35.3724 | 24.1422 |
| 2009 | 6     | 17  | 5    | 51     | 28     | 0.3       | 3.3     | 0.75  | 95        | 35.3724 | 23.1102 |
| 2009 | 6     | 17  | 6    | 1      | 28     | 0.3       | 3.3     | 0.88  | 97.9      | 35.3724 | 27.0293 |
| 2009 | 6     | 17  | 6    | 11     | 28     | 0.3       | 3.3     | 0.85  | 96.6      | 35.3724 | 26.3072 |
| 2009 | 6     | 17  | 6    | 21     | 28     | 0.3       | 3.3     | 0.84  | 96.8      | 35.3724 | 25.7915 |
| 2009 | 6     | 17  | 6    | 31     | 28     | 0.3       | 3.3     | 0.82  | 99.4      | 35.3724 | 25.1729 |
| 2009 | 6     | 17  | 6    | 41     | 28     | 0.3       | 3.3     | 0.76  | 95.9      | 35.3724 | 23.5233 |
| 2009 | 6     | 17  | 6    | 51     | 28     | 0.3       | 3.3     | 0.79  | 94.5      | 35.3724 | 24.3483 |
| 2009 | 6     | 17  | 7    | 1      | 28     | 0.3       | 3.3     | 0.8   | 95        | 35.3724 | 24.6575 |
| 2009 | 6     | 17  | 7    | 11     | 28     | 0.3       | 3.3     | 0.9   | 96        | 35.3724 | 27.9581 |
| 2009 | 6     | 17  | 7    | 21     | 28     | 0.3       | 3.3     | 0.76  | 95.5      | 35.3724 | 23.42   |
| 2009 | 6     | 17  | 7    | 31     | 28     | 0.3       | 3.3     | 0.91  | 97.7      | 35.3724 | 27.9581 |
| 2009 | 6     | 17  | 7    | 41     | 28     | 0.3       | 3.3     | 0.86  | 99        | 35.3724 | 26.5135 |
| 2009 | 6     | 17  | 7    | 51     | 28     | 0.3       | 3.3     | 0.82  | 98.6      | 35.3724 | 25.0698 |
| 2009 | 6     | 17  | 8    | 1      | 28     | 0.3       | 3.3     | 0.87  | 98.6      | 35.3724 | 26.823  |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 17  | 8    | 11     | 28     | 0.3       | 3.3     | 0.72  | 95.2      | 35.3724 | 22.181  |
| 2009 | 6     | 17  | 8    | 21     | 28     | 0.3       | 3.3     | 0.87  | 96.9      | 35.4081 | 26.851  |
| 2009 | 6     | 17  | 8    | 31     | 28     | 0.3       | 3.3     | 0.74  | 91.3      | 35.3724 | 22.9036 |
| 2009 | 6     | 17  | 8    | 41     | 28     | 0.3       | 3.3     | 0.82  | 97.6      | 35.3724 | 25.1729 |
| 2009 | 6     | 17  | 8    | 51     | 28     | 0.3       | 3.3     | 0.83  | 99.5      | 35.4081 | 25.612  |
| 2009 | 6     | 17  | 9    | 1      | 28     | 0.3       | 3.3     | 0.81  | 95.6      | 35.4081 | 24.9927 |
| 2009 | 6     | 17  | 9    | 11     | 28     | 0.3       | 3.3     | 0.81  | 96.8      | 35.4081 | 24.8896 |
| 2009 | 6     | 17  | 9    | 21     | 28     | 0.3       | 3.3     | 0.86  | 97        | 35.4081 | 26.5411 |
| 2009 | 6     | 17  | 9    | 31     | 28     | 0.3       | 3.3     | 0.86  | 99.2      | 35.4081 | 26.5411 |
| 2009 | 6     | 17  | 9    | 41     | 28     | 0.3       | 3.3     | 0.83  | 99.6      | 35.4081 | 25.3023 |
| 2009 | 6     | 17  | 9    | 51     | 28     | 0.3       | 3.3     | 0.87  | 95.6      | 35.4081 | 27.0575 |
| 2009 | 6     | 17  | 10   | 1      | 28     | 0.3       | 3.3     | 0.89  | 98.2      | 35.4081 | 27.4707 |
| 2009 | 6     | 17  | 10   | 11     | 28     | 0.3       | 3.3     | 0.83  | 97.3      | 35.4081 | 25.5088 |
| 2009 | 6     | 17  | 10   | 21     | 28     | 0.3       | 3.3     | 0.76  | 93        | 35.4081 | 23.6513 |
| 2009 | 6     | 17  | 10   | 31     | 28     | 0.3       | 3.3     | 0.85  | 98.9      | 35.4081 | 26.0249 |
| 2009 | 6     | 17  | 10   | 41     | 28     | 0.3       | 3.3     | 0.81  | 96.8      | 35.4081 | 24.8896 |
| 2009 | 6     | 17  | 10   | 51     | 28     | 0.3       | 3.3     | 0.84  | 99.7      | 35.4081 | 25.7152 |
| 2009 | 6     | 17  | 11   | 1      | 28     | 0.3       | 3.3     | 0.9   | 98        | 35.4081 | 27.6773 |
| 2009 | 6     | 17  | 11   | 11     | 28     | 0.3       | 3.3     | 0.8   | 94.2      | 35.4081 | 24.8896 |
| 2009 | 6     | 17  | 11   | 21     | 28     | 0.3       | 3.3     | 0.87  | 97.6      | 35.4081 | 26.851  |
| 2009 | 6     | 17  | 11   | 31     | 28     | 0.3       | 3.3     | 0.84  | 97.4      | 35.4081 | 25.8184 |
| 2009 | 6     | 17  | 11   | 41     | 28     | 0.3       | 3.3     | 0.9   | 95.9      | 35.4081 | 27.7806 |
| 2009 | 6     | 17  | 11   | 51     | 28     | 0.3       | 3.3     | 0.88  | 97.3      | 35.4081 | 27.1608 |
| 2009 | 6     | 17  | 12   | 1      | 28     | 0.3       | 3.3     | 0.9   | 97.3      | 35.4081 | 27.8839 |
| 2009 | 6     | 17  | 12   | 11     | 28     | 0.3       | 3.3     | 0.85  | 97.3      | 35.4081 | 26.3346 |
| 2009 | 6     | 17  | 12   | 21     | 28     | 0.3       | 3.3     | 0.85  | 95.3      | 35.4439 | 26.4654 |
| 2009 | 6     | 17  | 12   | 31     | 28     | 0.3       | 3.3     | 0.88  | 99        | 35.4439 | 26.9823 |
| 2009 | 6     | 17  | 12   | 41     | 28     | 0.3       | 3.3     | 0.87  | 100       | 35.4439 | 26.6722 |
| 2009 | 6     | 17  | 12   | 51     | 28     | 0.3       | 3.3     | 0.89  | 98.1      | 35.4439 | 27.3959 |
| 2009 | 6     | 17  | 13   | 1      | 28     | 0.3       | 3.3     | 0.9   | 100.7     | 35.4439 | 27.7061 |
| 2009 | 6     | 17  | 13   | 11     | 28     | 0.3       | 3.3     | 0.84  | 99.9      | 35.4439 | 25.8453 |
| 2009 | 6     | 17  | 13   | 21     | 28     | 0.3       | 3.3     | 0.87  | 97.2      | 35.4439 | 26.7755 |
| 2009 | 6     | 17  | 13   | 31     | 28     | 0.3       | 3.3     | 0.82  | 95.5      | 35.4439 | 25.432  |
| 2009 | 6     | 17  | 13   | 41     | 28     | 0.3       | 3.3     | 0.76  | 101.9     | 35.4439 | 23.262  |
| 2009 | 6     | 17  | 13   | 51     | 28     | 0.3       | 3.3     | 0.86  | 97.5      | 35.4439 | 26.5688 |
| 2009 | 6     | 17  | 14   | 1      | 28     | 0.3       | 3.3     | 0.91  | 95.6      | 35.4439 | 28.3267 |
| 2009 | 6     | 17  | 14   | 11     | 28     | 0.3       | 3.3     | 0.91  | 98.7      | 35.4439 | 27.913  |
| 2009 | 6     | 17  | 14   | 21     | 28     | 0.3       | 3.3     | 0.87  | 100.7     | 35.4439 | 26.5688 |
| 2009 | 6     | 17  | 14   | 31     | 28     | 0.3       | 3.3     | 0.9   | 98.4      | 35.4439 | 27.8095 |
| 2009 | 6     | 17  | 14   | 41     | 28     | 0.3       | 3.3     | 0.73  | 99.8      | 35.4439 | 22.4342 |
| 2009 | 6     | 17  | 14   | 51     | 28     | 0.3       | 3.3     | 0.95  | 97.8      | 35.4439 | 29.2579 |
| 2009 | 6     | 17  | 15   | 1      | 28     | 0.3       | 3.3     | 0.91  | 97.5      | 35.4439 | 28.1198 |
| 2009 | 6     | 17  | 15   | 11     | 28     | 0.3       | 3.3     | 0.91  | 99.6      | 35.4439 | 27.8095 |
| 2009 | 6     | 17  | 15   | 21     | 28     | 0.3       | 3.3     | 0.88  | 100.1     | 35.4439 | 26.8789 |
| 2009 | 6     | 17  | 15   | 31     | 28     | 0.3       | 3.3     | 0.85  | 98.4      | 35.4439 | 26.1554 |
| 2009 | 6     | 17  | 15   | 41     | 28     | 0.3       | 3.3     | 0.91  | 99.3      | 35.4439 | 28.0164 |
| 2009 | 6     | 17  | 15   | 51     | 28     | 0.3       | 3.3     | 0.92  | 99        | 35.4439 | 28.3267 |
| 2009 | 6     | 17  | 16   | 1      | 28     | 0.3       | 3.3     | 0.83  | 96.6      | 35.4439 | 25.742  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 17  | 16   | 11     | 28     | 0.3       | 3.3     | 0.87  | 99.3      | 35.4439 | 26.8789 |
| 2009 | 6     | 17  | 16   | 21     | 28     | 0.3       | 3.3     | 0.86  | 97.9      | 35.4439 | 26.5688 |
| 2009 | 6     | 17  | 16   | 31     | 28     | 0.3       | 3.3     | 0.86  | 98.8      | 35.4439 | 26.3621 |
| 2009 | 6     | 17  | 16   | 41     | 28     | 0.3       | 3.3     | 0.85  | 95.3      | 35.4439 | 26.2587 |
| 2009 | 6     | 17  | 16   | 51     | 28     | 0.3       | 3.3     | 0.84  | 98.8      | 35.4439 | 25.742  |
| 2009 | 6     | 17  | 17   | 1      | 28     | 0.3       | 3.3     | 0.84  | 95.6      | 35.4439 | 26.1554 |
| 2009 | 6     | 17  | 17   | 11     | 28     | 0.3       | 3.3     | 0.91  | 98.1      | 35.4081 | 28.0906 |
| 2009 | 6     | 17  | 17   | 21     | 28     | 0.3       | 3.3     | 0.86  | 97.9      | 35.4081 | 26.5411 |
| 2009 | 6     | 17  | 17   | 31     | 28     | 0.3       | 3.3     | 0.9   | 96.2      | 35.4081 | 27.9872 |
| 2009 | 6     | 17  | 17   | 41     | 28     | 0.3       | 3.3     | 0.88  | 98.2      | 35.4439 | 26.9823 |
| 2009 | 6     | 17  | 17   | 51     | 28     | 0.3       | 3.3     | 0.86  | 96.6      | 35.4081 | 26.5411 |
| 2009 | 6     | 17  | 18   | 1      | 28     | 0.3       | 3.3     | 0.88  | 96.9      | 35.4081 | 27.1608 |
| 2009 | 6     | 17  | 18   | 11     | 28     | 0.3       | 3.3     | 0.85  | 97.1      | 35.4081 | 26.3346 |
| 2009 | 6     | 17  | 18   | 21     | 28     | 0.3       | 3.3     | 0.92  | 96.3      | 35.4081 | 28.5039 |
| 2009 | 6     | 17  | 18   | 31     | 28     | 0.3       | 3.3     | 0.87  | 99.3      | 35.4081 | 26.851  |
| 2009 | 6     | 17  | 18   | 41     | 28     | 0.3       | 3.3     | 0.78  | 93.6      | 35.4439 | 24.0893 |
| 2009 | 6     | 17  | 18   | 51     | 28     | 0.3       | 3.3     | 0.86  | 96.8      | 35.4081 | 26.5411 |
| 2009 | 6     | 17  | 19   | 1      | 28     | 0.3       | 3.3     | 0.86  | 99.2      | 35.4081 | 26.3346 |
| 2009 | 6     | 17  | 19   | 11     | 28     | 0.3       | 3.3     | 0.9   | 96.7      | 35.4081 | 27.8839 |
| 2009 | 6     | 17  | 19   | 21     | 28     | 0.3       | 3.3     | 0.81  | 97.9      | 35.4081 | 24.9927 |
| 2009 | 6     | 17  | 19   | 31     | 28     | 0.3       | 3.3     | 0.87  | 95.9      | 35.4081 | 26.851  |
| 2009 | 6     | 17  | 19   | 41     | 28     | 0.3       | 3.3     | 0.76  | 93.5      | 35.4081 | 23.4445 |
| 2009 | 6     | 17  | 19   | 51     | 28     | 0.3       | 3.3     | 0.87  | 97.8      | 35.4081 | 26.7477 |
| 2009 | 6     | 17  | 20   | 1      | 28     | 0.3       | 3.3     | 0.88  | 95.8      | 35.4081 | 27.1608 |
| 2009 | 6     | 17  | 20   | 11     | 28     | 0.3       | 3.3     | 0.83  | 101.2     | 35.4081 | 25.1991 |
| 2009 | 6     | 17  | 20   | 21     | 28     | 0.3       | 3.3     | 0.85  | 96.4      | 35.4081 | 26.3346 |
| 2009 | 6     | 17  | 20   | 31     | 28     | 0.3       | 3.3     | 0.79  | 97.2      | 35.4081 | 24.2705 |
| 2009 | 6     | 17  | 20   | 41     | 28     | 0.3       | 3.3     | 0.85  | 96        | 35.4081 | 26.3346 |
| 2009 | 6     | 17  | 20   | 51     | 28     | 0.3       | 3.3     | 0.8   | 95.4      | 35.4081 | 24.8896 |
| 2009 | 6     | 17  | 21   | 1      | 28     | 0.3       | 3.3     | 0.77  | 96.6      | 35.4081 | 23.7548 |
| 2009 | 6     | 17  | 21   | 11     | 28     | 0.3       | 3.3     | 0.8   | 94.9      | 35.4081 | 24.8896 |
| 2009 | 6     | 17  | 21   | 21     | 28     | 0.3       | 3.3     | 0.88  | 99        | 35.4081 | 27.1608 |
| 2009 | 6     | 17  | 21   | 31     | 28     | 0.3       | 3.3     | 0.8   | 94.7      | 35.4439 | 24.9155 |
| 2009 | 6     | 17  | 21   | 41     | 28     | 0.3       | 3.3     | 0.76  | 94.5      | 35.4439 | 23.469  |
| 2009 | 6     | 17  | 21   | 51     | 28     | 0.3       | 3.3     | 0.79  | 95.2      | 35.4439 | 24.6056 |
| 2009 | 6     | 17  | 22   | 1      | 28     | 0.3       | 3.3     | 0.87  | 98.9      | 35.4439 | 26.8789 |
| 2009 | 6     | 17  | 22   | 11     | 28     | 0.3       | 3.3     | 0.87  | 95        | 35.4439 | 27.0857 |
| 2009 | 6     | 17  | 22   | 21     | 28     | 0.3       | 3.3     | 0.87  | 96.9      | 35.4081 | 26.851  |
| 2009 | 6     | 17  | 22   | 31     | 28     | 0.3       | 3.3     | 0.73  | 92.3      | 35.4439 | 22.5377 |
| 2009 | 6     | 17  | 22   | 41     | 28     | 0.3       | 3.3     | 0.75  | 94.3      | 35.4081 | 23.2377 |
| 2009 | 6     | 17  | 22   | 51     | 28     | 0.3       | 3.3     | 0.77  | 93.9      | 35.4081 | 23.8579 |
| 2009 | 6     | 17  | 23   | 1      | 28     | 0.3       | 3.3     | 0.8   | 97.1      | 35.3724 | 24.5544 |
| 2009 | 6     | 17  | 23   | 11     | 28     | 0.3       | 3.3     | 0.75  | 91        | 35.4081 | 23.4445 |
| 2009 | 6     | 17  | 23   | 21     | 28     | 0.3       | 3.3     | 0.87  | 96.2      | 35.4081 | 27.0575 |
| 2009 | 6     | 17  | 23   | 31     | 28     | 0.3       | 3.3     | 0.73  | 92.8      | 35.4081 | 22.6175 |
| 2009 | 6     | 17  | 23   | 41     | 28     | 0.3       | 3.3     | 0.75  | 96        | 35.4081 | 23.2377 |
| 2009 | 6     | 17  | 23   | 51     | 28     | 0.3       | 3.3     | 0.7   | 91.1      | 35.4081 | 21.6876 |
| 2009 | 6     | 18  | 0    | 1      | 28     | 0.3       | 3.3     | 0.74  | 94.3      | 35.4081 | 23.031  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 18  | 0    | 11     | 28     | 0.3       | 3.3     | 0.79  | 95.7      | 35.4081 | 24.3737 |
| 2009 | 6     | 18  | 0    | 21     | 28     | 0.3       | 3.3     | 0.74  | 95.9      | 35.4081 | 22.7209 |
| 2009 | 6     | 18  | 0    | 31     | 28     | 0.3       | 3.3     | 0.74  | 93.8      | 35.3724 | 22.9036 |
| 2009 | 6     | 18  | 0    | 41     | 28     | 0.3       | 3.3     | 0.78  | 93.6      | 35.3724 | 24.2452 |
| 2009 | 6     | 18  | 0    | 51     | 28     | 0.3       | 3.3     | 0.74  | 96.1      | 35.3724 | 22.6971 |
| 2009 | 6     | 18  | 1    | 1      | 28     | 0.3       | 3.3     | 0.88  | 97.9      | 35.3724 | 27.2357 |
| 2009 | 6     | 18  | 1    | 11     | 28     | 0.3       | 3.3     | 0.78  | 94.6      | 35.3724 | 24.0391 |
| 2009 | 6     | 18  | 1    | 21     | 28     | 0.3       | 3.3     | 0.95  | 98.3      | 35.3724 | 29.3003 |
| 2009 | 6     | 18  | 1    | 31     | 28     | 0.3       | 3.3     | 0.78  | 97.2      | 35.3724 | 24.0391 |
| 2009 | 6     | 18  | 1    | 41     | 28     | 0.3       | 3.3     | 0.75  | 95.5      | 35.3724 | 23.3167 |
| 2009 | 6     | 18  | 1    | 51     | 28     | 0.3       | 3.3     | 0.77  | 94.7      | 35.3724 | 23.73   |
| 2009 | 6     | 18  | 2    | 1      | 28     | 0.3       | 3.3     | 0.81  | 95.6      | 35.3724 | 25.0698 |
| 2009 | 6     | 18  | 2    | 11     | 28     | 0.3       | 3.3     | 0.82  | 99.5      | 35.3724 | 25.0698 |
| 2009 | 6     | 18  | 2    | 21     | 28     | 0.3       | 3.3     | 0.75  | 96.3      | 35.3724 | 23.2135 |
| 2009 | 6     | 18  | 2    | 31     | 28     | 0.3       | 3.3     | 0.68  | 92.8      | 35.3724 | 20.9429 |
| 2009 | 6     | 18  | 2    | 41     | 28     | 0.3       | 3.3     | 0.79  | 96.7      | 35.4081 | 24.4769 |
| 2009 | 6     | 18  | 2    | 51     | 28     | 0.3       | 3.3     | 0.75  | 96.3      | 35.4081 | 23.1343 |
| 2009 | 6     | 18  | 3    | 1      | 28     | 0.3       | 3.3     | 0.83  | 96.6      | 35.3724 | 25.6884 |
| 2009 | 6     | 18  | 3    | 11     | 28     | 0.3       | 3.3     | 0.75  | 92        | 35.4081 | 23.2377 |
| 2009 | 6     | 18  | 3    | 21     | 28     | 0.3       | 3.3     | 0.77  | 92.2      | 35.4081 | 24.0642 |
| 2009 | 6     | 18  | 3    | 31     | 28     | 0.3       | 3.3     | 0.68  | 93.3      | 35.4081 | 21.068  |
| 2009 | 6     | 18  | 3    | 41     | 28     | 0.3       | 3.3     | 0.77  | 95.4      | 35.4081 | 23.8579 |
| 2009 | 6     | 18  | 3    | 51     | 28     | 0.3       | 3.3     | 0.71  | 92.9      | 35.4081 | 21.8942 |
| 2009 | 6     | 18  | 4    | 1      | 28     | 0.3       | 3.3     | 0.82  | 93.7      | 35.4081 | 25.3023 |
| 2009 | 6     | 18  | 4    | 11     | 28     | 0.3       | 3.3     | 0.69  | 92.2      | 35.4081 | 21.3778 |
| 2009 | 6     | 18  | 4    | 21     | 28     | 0.3       | 3.3     | 0.82  | 97.8      | 35.4081 | 25.1991 |
| 2009 | 6     | 18  | 4    | 31     | 28     | 0.3       | 3.3     | 0.84  | 95.6      | 35.4081 | 26.1281 |
| 2009 | 6     | 18  | 4    | 41     | 28     | 0.3       | 3.3     | 0.72  | 92.9      | 35.4081 | 22.4108 |
| 2009 | 6     | 18  | 4    | 51     | 28     | 0.3       | 3.3     | 0.83  | 95.4      | 35.4081 | 25.7152 |
| 2009 | 6     | 18  | 5    | 1      | 28     | 0.3       | 3.3     | 0.77  | 93.7      | 35.4081 | 23.9611 |
| 2009 | 6     | 18  | 5    | 11     | 28     | 0.3       | 3.3     | 0.71  | 90        | 35.4081 | 21.9975 |
| 2009 | 6     | 18  | 5    | 21     | 28     | 0.3       | 3.3     | 0.9   | 97.1      | 35.4081 | 27.8839 |
| 2009 | 6     | 18  | 5    | 31     | 28     | 0.3       | 3.3     | 0.78  | 94.3      | 35.4081 | 24.2705 |
| 2009 | 6     | 18  | 5    | 41     | 28     | 0.3       | 3.3     | 0.7   | 93.2      | 35.4081 | 21.5843 |
| 2009 | 6     | 18  | 5    | 51     | 28     | 0.3       | 3.3     | 0.66  | 93.1      | 35.4081 | 20.3455 |
| 2009 | 6     | 18  | 6    | 1      | 28     | 0.3       | 3.3     | 0.79  | 97.1      | 35.4081 | 24.4769 |
| 2009 | 6     | 18  | 6    | 11     | 28     | 0.3       | 3.3     | 0.79  | 95.7      | 35.4081 | 24.4769 |
| 2009 | 6     | 18  | 6    | 21     | 28     | 0.3       | 3.3     | 0.83  | 97        | 35.4081 | 25.612  |
| 2009 | 6     | 18  | 6    | 31     | 28     | 0.3       | 3.3     | 0.82  | 97.8      | 35.4081 | 25.3023 |
| 2009 | 6     | 18  | 6    | 41     | 28     | 0.3       | 3.3     | 0.73  | 94.9      | 35.4081 | 22.5142 |
| 2009 | 6     | 18  | 6    | 51     | 28     | 0.3       | 3.3     | 0.77  | 94.7      | 35.4081 | 23.7548 |
| 2009 | 6     | 18  | 7    | 1      | 28     | 0.3       | 3.3     | 0.75  | 95        | 35.4081 | 23.1343 |
| 2009 | 6     | 18  | 7    | 11     | 28     | 0.3       | 3.3     | 0.83  | 94.8      | 35.4081 | 25.612  |
| 2009 | 6     | 18  | 7    | 21     | 28     | 0.3       | 3.3     | 0.78  | 95.8      | 35.4439 | 24.2958 |
| 2009 | 6     | 18  | 7    | 31     | 28     | 0.3       | 3.3     | 0.79  | 95.3      | 35.4081 | 24.3737 |
| 2009 | 6     | 18  | 7    | 41     | 28     | 0.3       | 3.3     | 0.8   | 95.6      | 35.4081 | 24.7864 |
| 2009 | 6     | 18  | 7    | 51     | 28     | 0.3       | 3.3     | 0.89  | 97        | 35.4081 | 27.4707 |
| 2009 | 6     | 18  | 8    | 1      | 28     | 0.3       | 3.3     | 0.76  | 92.5      | 35.4439 | 23.5725 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 18  | 8    | 11     | 28     | 0.3       | 3.3     | 0.8   | 96.8      | 35.4439 | 24.8122 |
| 2009 | 6     | 18  | 8    | 21     | 28     | 0.3       | 3.3     | 0.85  | 96.4      | 35.4439 | 26.3621 |
| 2009 | 6     | 18  | 8    | 31     | 28     | 0.3       | 3.3     | 0.92  | 98.6      | 35.4081 | 28.2972 |
| 2009 | 6     | 18  | 8    | 41     | 28     | 0.3       | 3.3     | 0.77  | 97.1      | 35.4081 | 23.8579 |
| 2009 | 6     | 18  | 8    | 51     | 28     | 0.3       | 3.3     | 0.78  | 93.9      | 35.4439 | 24.0893 |
| 2009 | 6     | 18  | 9    | 1      | 28     | 0.3       | 3.3     | 0.87  | 96.7      | 35.4439 | 26.8789 |
| 2009 | 6     | 18  | 9    | 11     | 28     | 0.3       | 3.3     | 0.86  | 97        | 35.4081 | 26.4379 |
| 2009 | 6     | 18  | 9    | 21     | 28     | 0.3       | 3.3     | 0.79  | 100.2     | 35.4439 | 24.2958 |
| 2009 | 6     | 18  | 9    | 31     | 28     | 0.3       | 3.3     | 0.91  | 98.7      | 35.4081 | 27.8839 |
| 2009 | 6     | 18  | 9    | 41     | 28     | 0.3       | 3.3     | 0.89  | 99.1      | 35.4081 | 27.4707 |
| 2009 | 6     | 18  | 9    | 51     | 28     | 0.3       | 3.3     | 0.75  | 94.5      | 35.4439 | 23.1585 |
| 2009 | 6     | 18  | 10   | 1      | 28     | 0.3       | 3.3     | 0.8   | 97.5      | 35.4081 | 24.6832 |
| 2009 | 6     | 18  | 10   | 11     | 28     | 0.3       | 3.3     | 0.87  | 96.9      | 35.4439 | 26.9823 |
| 2009 | 6     | 18  | 10   | 21     | 28     | 0.3       | 3.3     | 0.75  | 96.1      | 35.4081 | 23.031  |
| 2009 | 6     | 18  | 10   | 31     | 28     | 0.3       | 3.3     | 0.83  | 97        | 35.4081 | 25.7152 |
| 2009 | 6     | 18  | 10   | 41     | 28     | 0.3       | 3.3     | 0.79  | 95        | 35.4081 | 24.4769 |
| 2009 | 6     | 18  | 10   | 51     | 28     | 0.3       | 3.3     | 0.93  | 99.6      | 35.4081 | 28.5039 |
| 2009 | 6     | 18  | 11   | 1      | 28     | 0.3       | 3.3     | 0.88  | 96.7      | 35.4081 | 27.0575 |
| 2009 | 6     | 18  | 11   | 11     | 28     | 0.3       | 3.3     | 0.72  | 93.9      | 35.4081 | 22.3075 |
| 2009 | 6     | 18  | 11   | 21     | 28     | 0.3       | 3.3     | 0.84  | 97.4      | 35.4081 | 25.8184 |
| 2009 | 6     | 18  | 11   | 31     | 28     | 0.3       | 3.3     | 0.87  | 99.1      | 35.4081 | 26.7477 |
| 2009 | 6     | 18  | 11   | 41     | 28     | 0.3       | 3.3     | 0.77  | 94.6      | 35.4081 | 23.8579 |
| 2009 | 6     | 18  | 11   | 51     | 28     | 0.3       | 3.3     | 0.77  | 94.9      | 35.4081 | 23.9611 |
| 2009 | 6     | 18  | 12   | 1      | 28     | 0.3       | 3.3     | 0.89  | 96.6      | 35.4081 | 27.4707 |
| 2009 | 6     | 18  | 12   | 11     | 28     | 0.3       | 3.3     | 0.86  | 99.2      | 35.4081 | 26.3346 |
| 2009 | 6     | 18  | 12   | 21     | 28     | 0.3       | 3.3     | 0.85  | 99.1      | 35.3724 | 25.9978 |
| 2009 | 6     | 18  | 12   | 31     | 28     | 0.3       | 3.3     | 0.86  | 99.7      | 35.3724 | 26.2041 |
| 2009 | 6     | 18  | 12   | 41     | 28     | 0.3       | 3.3     | 0.87  | 99.8      | 35.3366 | 26.5889 |
| 2009 | 6     | 18  | 12   | 51     | 28     | 0.3       | 3.3     | 0.87  | 98        | 35.3366 | 26.795  |
| 2009 | 6     | 18  | 13   | 1      | 28     | 0.3       | 3.3     | 0.85  | 98        | 35.3366 | 26.1767 |
| 2009 | 6     | 18  | 13   | 11     | 28     | 0.3       | 3.3     | 0.83  | 98.6      | 35.3008 | 25.429  |
| 2009 | 6     | 18  | 13   | 21     | 28     | 0.3       | 3.3     | 0.81  | 98.1      | 35.3008 | 24.9146 |
| 2009 | 6     | 18  | 13   | 31     | 28     | 0.3       | 3.3     | 0.82  | 96.2      | 35.3366 | 25.2496 |
| 2009 | 6     | 18  | 13   | 41     | 28     | 0.3       | 3.3     | 0.86  | 99.4      | 35.3008 | 26.4582 |
| 2009 | 6     | 18  | 13   | 51     | 28     | 0.3       | 3.3     | 0.86  | 96.1      | 35.3366 | 26.692  |
| 2009 | 6     | 18  | 14   | 1      | 28     | 0.3       | 3.3     | 0.89  | 95.5      | 35.3008 | 27.5908 |
| 2009 | 6     | 18  | 14   | 11     | 28     | 0.3       | 3.3     | 0.9   | 98.4      | 35.3366 | 27.5166 |
| 2009 | 6     | 18  | 14   | 21     | 28     | 0.3       | 3.3     | 0.84  | 96.7      | 35.3366 | 25.9707 |
| 2009 | 6     | 18  | 14   | 31     | 28     | 0.3       | 3.3     | 0.88  | 98.2      | 35.3366 | 26.8981 |
| 2009 | 6     | 18  | 14   | 41     | 28     | 0.3       | 3.3     | 0.89  | 99.3      | 35.3366 | 27.4135 |
| 2009 | 6     | 18  | 14   | 51     | 28     | 0.3       | 3.3     | 0.88  | 96.4      | 35.3366 | 27.2073 |
| 2009 | 6     | 18  | 15   | 1      | 28     | 0.3       | 3.3     | 0.84  | 95        | 35.3366 | 25.8677 |
| 2009 | 6     | 18  | 15   | 11     | 28     | 0.3       | 3.3     | 0.93  | 101.3     | 35.3366 | 28.4445 |
| 2009 | 6     | 18  | 15   | 21     | 28     | 0.3       | 3.3     | 0.8   | 93.3      | 35.3366 | 24.8377 |
| 2009 | 6     | 18  | 15   | 31     | 28     | 0.3       | 3.3     | 0.91  | 98.1      | 35.3366 | 27.9289 |
| 2009 | 6     | 18  | 15   | 41     | 28     | 0.3       | 3.3     | 0.83  | 99.1      | 35.3366 | 25.3526 |
| 2009 | 6     | 18  | 15   | 51     | 28     | 0.3       | 3.3     | 0.85  | 100       | 35.3366 | 25.8677 |
| 2009 | 6     | 18  | 16   | 1      | 28     | 0.3       | 3.3     | 0.88  | 95.3      | 35.3724 | 27.2357 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 18  | 16   | 11     | 28     | 0.3       | 3.3     | 0.79  | 99.3      | 35.3724 | 24.3483 |
| 2009 | 6     | 18  | 16   | 21     | 28     | 0.3       | 3.3     | 0.84  | 95.1      | 35.3724 | 26.1009 |
| 2009 | 6     | 18  | 16   | 31     | 28     | 0.3       | 3.3     | 0.91  | 98.7      | 35.3724 | 28.0613 |
| 2009 | 6     | 18  | 16   | 41     | 28     | 0.3       | 3.3     | 0.88  | 96.4      | 35.3724 | 27.1325 |
| 2009 | 6     | 18  | 16   | 51     | 28     | 0.3       | 3.3     | 0.81  | 95.8      | 35.3724 | 25.1729 |
| 2009 | 6     | 18  | 17   | 1      | 28     | 0.3       | 3.3     | 0.81  | 95.1      | 35.4081 | 24.9927 |
| 2009 | 6     | 18  | 17   | 11     | 28     | 0.3       | 3.3     | 0.74  | 93.3      | 35.4081 | 22.9276 |
| 2009 | 6     | 18  | 17   | 21     | 28     | 0.3       | 3.3     | 0.85  | 94.9      | 35.4081 | 26.2314 |
| 2009 | 6     | 18  | 17   | 31     | 28     | 0.3       | 3.3     | 0.78  | 93.2      | 35.4081 | 24.0642 |
| 2009 | 6     | 18  | 17   | 41     | 28     | 0.3       | 3.3     | 0.78  | 93.9      | 35.4081 | 24.0642 |
| 2009 | 6     | 18  | 17   | 51     | 28     | 0.3       | 3.3     | 0.84  | 93.8      | 35.4081 | 26.1281 |
| 2009 | 6     | 18  | 18   | 1      | 28     | 0.3       | 3.3     | 0.8   | 95.4      | 35.4081 | 24.7864 |
| 2009 | 6     | 18  | 18   | 11     | 28     | 0.3       | 3.3     | 0.79  | 92.4      | 35.4081 | 24.4769 |
| 2009 | 6     | 18  | 18   | 21     | 28     | 0.3       | 3.3     | 0.87  | 96.5      | 35.4081 | 26.851  |
| 2009 | 6     | 18  | 18   | 31     | 28     | 0.3       | 3.3     | 0.92  | 98        | 35.4081 | 28.4006 |
| 2009 | 6     | 18  | 18   | 41     | 28     | 0.3       | 3.3     | 0.78  | 93.6      | 35.4439 | 24.2958 |
| 2009 | 6     | 18  | 18   | 51     | 28     | 0.3       | 3.3     | 0.88  | 96.4      | 35.4439 | 27.1891 |
| 2009 | 6     | 18  | 19   | 1      | 28     | 0.3       | 3.3     | 0.82  | 94.8      | 35.4439 | 25.5353 |
| 2009 | 6     | 18  | 19   | 11     | 28     | 0.3       | 3.3     | 0.74  | 92.8      | 35.4796 | 23.0791 |
| 2009 | 6     | 18  | 19   | 21     | 28     | 0.3       | 3.3     | 0.81  | 95.6      | 35.5154 | 25.1744 |
| 2009 | 6     | 18  | 19   | 31     | 28     | 0.3       | 3.3     | 0.73  | 91        | 35.5154 | 22.5847 |
| 2009 | 6     | 18  | 19   | 41     | 28     | 0.3       | 3.3     | 0.84  | 96.5      | 35.5511 | 26.0297 |
| 2009 | 6     | 18  | 19   | 51     | 28     | 0.3       | 3.3     | 0.84  | 97.8      | 35.5869 | 26.1604 |
| 2009 | 6     | 18  | 20   | 1      | 28     | 0.3       | 3.3     | 0.85  | 96        | 35.5869 | 26.5756 |
| 2009 | 6     | 18  | 20   | 11     | 28     | 0.3       | 3.3     | 0.85  | 95.8      | 35.6226 | 26.4992 |
| 2009 | 6     | 18  | 20   | 21     | 28     | 0.3       | 3.3     | 0.88  | 96.4      | 35.6226 | 27.3305 |
| 2009 | 6     | 18  | 20   | 31     | 28     | 0.3       | 3.3     | 0.83  | 94.8      | 35.6226 | 25.772  |
| 2009 | 6     | 18  | 20   | 41     | 28     | 0.3       | 3.3     | 0.83  | 94.3      | 35.6226 | 25.772  |
| 2009 | 6     | 18  | 20   | 51     | 28     | 0.3       | 3.3     | 0.91  | 98.7      | 35.6226 | 28.2661 |
| 2009 | 6     | 18  | 21   | 1      | 28     | 0.3       | 3.3     | 0.87  | 94.5      | 35.6583 | 27.2547 |
| 2009 | 6     | 18  | 21   | 11     | 28     | 0.3       | 3.3     | 0.83  | 95.4      | 35.6583 | 25.9027 |
| 2009 | 6     | 18  | 21   | 21     | 28     | 0.3       | 3.3     | 0.84  | 98.3      | 35.6583 | 26.1106 |
| 2009 | 6     | 18  | 21   | 31     | 28     | 0.3       | 3.3     | 0.83  | 96.8      | 35.6583 | 25.6947 |
| 2009 | 6     | 18  | 21   | 41     | 28     | 0.3       | 3.3     | 0.88  | 95.3      | 35.6583 | 27.4628 |
| 2009 | 6     | 18  | 21   | 51     | 28     | 0.3       | 3.3     | 0.78  | 96.3      | 35.6941 | 24.2647 |
| 2009 | 6     | 18  | 22   | 1      | 28     | 0.3       | 3.3     | 0.84  | 96.5      | 35.6941 | 26.2417 |
| 2009 | 6     | 18  | 22   | 11     | 28     | 0.3       | 3.3     | 0.9   | 100.3     | 35.6941 | 27.6995 |
| 2009 | 6     | 18  | 22   | 21     | 28     | 0.3       | 3.3     | 0.76  | 92.7      | 35.6941 | 23.7446 |
| 2009 | 6     | 18  | 22   | 31     | 28     | 0.3       | 3.3     | 0.85  | 96.9      | 35.6941 | 26.554  |
| 2009 | 6     | 18  | 22   | 41     | 28     | 0.3       | 3.3     | 0.79  | 93.3      | 35.6941 | 24.6808 |
| 2009 | 6     | 18  | 22   | 51     | 28     | 0.3       | 3.3     | 0.81  | 99        | 35.6941 | 25.201  |
| 2009 | 6     | 18  | 23   | 1      | 28     | 0.3       | 3.3     | 0.87  | 95.4      | 35.6941 | 27.1788 |
| 2009 | 6     | 18  | 23   | 11     | 28     | 0.3       | 3.3     | 0.93  | 98.8      | 35.6941 | 28.7413 |
| 2009 | 6     | 18  | 23   | 21     | 28     | 0.3       | 3.3     | 0.89  | 97        | 35.6941 | 27.5953 |
| 2009 | 6     | 18  | 23   | 31     | 28     | 0.3       | 3.3     | 0.78  | 92.2      | 35.6941 | 24.3687 |
| 2009 | 6     | 18  | 23   | 41     | 28     | 0.3       | 3.3     | 0.82  | 93        | 35.6941 | 25.6172 |
| 2009 | 6     | 18  | 23   | 51     | 28     | 0.3       | 3.3     | 0.76  | 94.5      | 35.7298 | 23.7692 |
| 2009 | 6     | 19  | 0    | 1      | 28     | 0.3       | 3.3     | 0.82  | 95.8      | 35.7298 | 25.5395 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 19  | 0    | 11     | 28     | 0.3       | 3.3     | 0.79  | 93.1      | 35.7298 | 24.8104 |
| 2009 | 6     | 19  | 0    | 21     | 28     | 0.3       | 3.3     | 0.75  | 91.3      | 35.7298 | 23.4561 |
| 2009 | 6     | 19  | 0    | 31     | 28     | 0.3       | 3.3     | 0.85  | 95.1      | 35.7298 | 26.6856 |
| 2009 | 6     | 19  | 0    | 41     | 28     | 0.3       | 3.3     | 0.79  | 92.4      | 35.7655 | 24.9403 |
| 2009 | 6     | 19  | 0    | 51     | 28     | 0.3       | 3.3     | 0.87  | 93        | 35.7655 | 27.3392 |
| 2009 | 6     | 19  | 1    | 1      | 28     | 0.3       | 3.3     | 0.9   | 96.1      | 35.7655 | 28.0698 |
| 2009 | 6     | 19  | 1    | 11     | 28     | 0.3       | 3.3     | 0.86  | 95.3      | 35.8012 | 26.8451 |
| 2009 | 6     | 19  | 1    | 21     | 28     | 0.3       | 3.3     | 0.81  | 94.4      | 35.8369 | 25.4095 |
| 2009 | 6     | 19  | 1    | 31     | 28     | 0.3       | 3.3     | 0.83  | 95        | 35.8726 | 26.1679 |
| 2009 | 6     | 19  | 1    | 41     | 28     | 0.3       | 3.3     | 0.92  | 96.7      | 35.9083 | 28.9193 |
| 2009 | 6     | 19  | 1    | 51     | 28     | 0.3       | 3.3     | 0.93  | 97.7      | 35.9083 | 29.2338 |
| 2009 | 6     | 19  | 2    | 1      | 28     | 0.3       | 3.3     | 0.78  | 91.5      | 35.944  | 24.5448 |
| 2009 | 6     | 19  | 2    | 11     | 28     | 0.3       | 3.3     | 0.82  | 95.1      | 35.944  | 25.6975 |
| 2009 | 6     | 19  | 2    | 21     | 28     | 0.3       | 3.3     | 0.7   | 90.8      | 35.9797 | 21.9448 |
| 2009 | 6     | 19  | 2    | 31     | 28     | 0.3       | 3.3     | 0.85  | 96.9      | 35.9797 | 26.5633 |
| 2009 | 6     | 19  | 2    | 41     | 28     | 0.3       | 3.3     | 0.76  | 94.5      | 36.0154 | 23.9654 |
| 2009 | 6     | 19  | 2    | 51     | 28     | 0.3       | 3.3     | 0.9   | 99.4      | 35.9797 | 28.1382 |
| 2009 | 6     | 19  | 3    | 1      | 28     | 0.3       | 3.3     | 0.84  | 94.7      | 36.0154 | 26.3804 |
| 2009 | 6     | 19  | 3    | 11     | 28     | 0.3       | 3.3     | 0.88  | 95.6      | 36.0154 | 27.7465 |
| 2009 | 6     | 19  | 3    | 21     | 28     | 0.3       | 3.3     | 0.8   | 93.5      | 36.0154 | 25.1201 |
| 2009 | 6     | 19  | 3    | 31     | 28     | 0.3       | 3.3     | 0.89  | 97.6      | 36.0154 | 27.9567 |
| 2009 | 6     | 19  | 3    | 41     | 28     | 0.3       | 3.3     | 0.77  | 93.7      | 36.0154 | 24.3852 |
| 2009 | 6     | 19  | 3    | 51     | 28     | 0.3       | 3.3     | 0.88  | 97        | 36.0154 | 27.7465 |
| 2009 | 6     | 19  | 4    | 1      | 28     | 0.3       | 3.3     | 0.81  | 92.3      | 36.051  | 25.5662 |
| 2009 | 6     | 19  | 4    | 11     | 28     | 0.3       | 3.3     | 0.9   | 97.5      | 36.051  | 28.301  |
| 2009 | 6     | 19  | 4    | 21     | 28     | 0.3       | 3.3     | 0.77  | 94.9      | 36.051  | 24.4101 |
| 2009 | 6     | 19  | 4    | 31     | 28     | 0.3       | 3.3     | 0.71  | 94.7      | 36.051  | 22.516  |
| 2009 | 6     | 19  | 4    | 41     | 28     | 0.3       | 3.3     | 0.82  | 93.7      | 36.051  | 25.9867 |
| 2009 | 6     | 19  | 4    | 51     | 28     | 0.3       | 3.3     | 0.9   | 96.9      | 36.0867 | 28.4352 |
| 2009 | 6     | 19  | 5    | 1      | 28     | 0.3       | 3.3     | 0.93  | 96.5      | 36.0867 | 29.489  |
| 2009 | 6     | 19  | 5    | 11     | 28     | 0.3       | 3.3     | 0.88  | 98.2      | 36.0867 | 27.4872 |
| 2009 | 6     | 19  | 5    | 21     | 28     | 0.3       | 3.3     | 0.93  | 97.7      | 36.1224 | 29.2026 |
| 2009 | 6     | 19  | 5    | 31     | 28     | 0.3       | 3.3     | 0.88  | 95.1      | 36.1224 | 27.937  |
| 2009 | 6     | 19  | 5    | 41     | 28     | 0.3       | 3.3     | 0.92  | 98        | 36.158  | 29.0211 |
| 2009 | 6     | 19  | 5    | 51     | 28     | 0.3       | 3.3     | 0.89  | 99.5      | 36.2293 | 28.0223 |
| 2009 | 6     | 19  | 6    | 1      | 28     | 0.3       | 3.3     | 0.79  | 92.4      | 36.265  | 25.0883 |
| 2009 | 6     | 19  | 6    | 11     | 28     | 0.3       | 3.3     | 0.82  | 95.3      | 36.3006 | 26.0665 |
| 2009 | 6     | 19  | 6    | 21     | 28     | 0.3       | 3.3     | 0.86  | 96.1      | 36.3006 | 27.4434 |
| 2009 | 6     | 19  | 6    | 31     | 28     | 0.3       | 3.6     | 0.92  | 96.8      | 36.3362 | 29.0626 |
| 2009 | 6     | 19  | 6    | 41     | 28     | 0.3       | 3.6     | 0.82  | 99.2      | 36.3362 | 25.8809 |
| 2009 | 6     | 19  | 6    | 51     | 28     | 0.3       | 3.6     | 0.85  | 98.4      | 36.3362 | 26.835  |
| 2009 | 6     | 19  | 7    | 1      | 28     | 0.3       | 3.6     | 0.88  | 95.8      | 36.3719 | 27.9237 |
| 2009 | 6     | 19  | 7    | 11     | 28     | 0.3       | 3.6     | 0.85  | 97.5      | 36.3719 | 27.0744 |
| 2009 | 6     | 19  | 7    | 21     | 28     | 0.3       | 3.6     | 0.85  | 95.5      | 36.3719 | 27.1806 |
| 2009 | 6     | 19  | 7    | 31     | 28     | 0.3       | 3.6     | 0.87  | 96.3      | 36.3719 | 27.6052 |
| 2009 | 6     | 19  | 7    | 41     | 28     | 0.3       | 3.6     | 0.88  | 100.5     | 36.3719 | 27.8176 |
| 2009 | 6     | 19  | 7    | 51     | 28     | 0.3       | 3.6     | 0.9   | 95.5      | 36.4075 | 28.5898 |
| 2009 | 6     | 19  | 8    | 1      | 28     | 0.3       | 3.6     | 0.89  | 96.2      | 36.4075 | 28.2708 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 19  | 8    | 11     | 28     | 0.3       | 3.6     | 0.74  | 94.1      | 36.4075 | 23.4909 |
| 2009 | 6     | 19  | 8    | 21     | 28     | 0.3       | 3.6     | 0.93  | 97.9      | 36.4075 | 29.4404 |
| 2009 | 6     | 19  | 8    | 31     | 28     | 0.3       | 3.6     | 0.87  | 95.2      | 36.4075 | 27.8457 |
| 2009 | 6     | 19  | 8    | 41     | 28     | 0.3       | 3.6     | 0.94  | 99.3      | 36.4431 | 29.6831 |
| 2009 | 6     | 19  | 8    | 51     | 28     | 0.3       | 3.6     | 0.89  | 98.9      | 36.4431 | 28.2994 |
| 2009 | 6     | 19  | 9    | 1      | 28     | 0.3       | 3.6     | 0.88  | 101.4     | 36.4431 | 27.5546 |
| 2009 | 6     | 19  | 9    | 11     | 28     | 0.3       | 3.6     | 0.87  | 99.3      | 36.4431 | 27.661  |
| 2009 | 6     | 19  | 9    | 21     | 28     | 0.3       | 3.6     | 0.9   | 98.6      | 36.4787 | 28.4344 |
| 2009 | 6     | 19  | 9    | 31     | 28     | 0.3       | 3.6     | 0.91  | 100.6     | 36.4787 | 28.754  |
| 2009 | 6     | 19  | 9    | 41     | 28     | 0.3       | 3.6     | 0.96  | 97.3      | 36.4787 | 30.4591 |
| 2009 | 6     | 19  | 9    | 51     | 28     | 0.3       | 3.6     | 0.87  | 97.4      | 36.4787 | 27.6889 |
| 2009 | 6     | 19  | 10   | 1      | 28     | 0.3       | 3.6     | 0.91  | 98.7      | 36.5143 | 28.783  |
| 2009 | 6     | 19  | 10   | 11     | 28     | 0.3       | 3.6     | 0.93  | 98.7      | 36.5143 | 29.6362 |
| 2009 | 6     | 19  | 10   | 21     | 28     | 0.3       | 3.6     | 0.88  | 96.7      | 36.5143 | 27.93   |
| 2009 | 6     | 19  | 10   | 31     | 28     | 0.3       | 3.6     | 0.87  | 99.3      | 36.5499 | 27.7447 |
| 2009 | 6     | 19  | 10   | 41     | 28     | 0.3       | 3.6     | 0.89  | 96.5      | 36.5499 | 28.4917 |
| 2009 | 6     | 19  | 10   | 51     | 28     | 0.3       | 3.6     | 0.94  | 97.8      | 36.5499 | 29.9864 |
| 2009 | 6     | 19  | 11   | 1      | 28     | 0.3       | 3.6     | 0.87  | 100.4     | 36.5855 | 27.6658 |
| 2009 | 6     | 19  | 11   | 11     | 28     | 0.3       | 3.6     | 0.89  | 96.1      | 36.5855 | 28.6272 |
| 2009 | 6     | 19  | 11   | 21     | 28     | 0.3       | 3.6     | 0.86  | 98.6      | 36.5855 | 27.3454 |
| 2009 | 6     | 19  | 11   | 31     | 28     | 0.3       | 3.6     | 0.97  | 97.2      | 36.6211 | 30.9029 |
| 2009 | 6     | 19  | 11   | 41     | 28     | 0.3       | 3.6     | 0.91  | 96        | 36.6211 | 29.1907 |
| 2009 | 6     | 19  | 11   | 51     | 28     | 0.3       | 3.6     | 0.93  | 96.7      | 36.6211 | 29.7257 |
| 2009 | 6     | 19  | 12   | 1      | 28     | 0.3       | 3.6     | 0.94  | 98.2      | 36.6567 | 30.1839 |
| 2009 | 6     | 19  | 12   | 11     | 28     | 0.3       | 3.6     | 0.95  | 98.7      | 36.6567 | 30.3981 |
| 2009 | 6     | 19  | 12   | 21     | 28     | 0.3       | 3.6     | 0.87  | 96.5      | 36.6923 | 27.8562 |
| 2009 | 6     | 19  | 12   | 31     | 28     | 0.3       | 3.6     | 0.88  | 97.7      | 36.6923 | 28.2848 |
| 2009 | 6     | 19  | 12   | 41     | 28     | 0.3       | 3.6     | 0.91  | 96.8      | 36.7278 | 29.2785 |
| 2009 | 6     | 19  | 12   | 51     | 28     | 0.3       | 3.6     | 0.87  | 94.1      | 36.7278 | 27.8841 |
| 2009 | 6     | 19  | 13   | 1      | 28     | 0.3       | 3.6     | 0.94  | 99.7      | 36.7278 | 29.8151 |
| 2009 | 6     | 19  | 13   | 11     | 28     | 0.3       | 3.6     | 0.87  | 96.2      | 36.7634 | 28.1266 |
| 2009 | 6     | 19  | 13   | 21     | 28     | 0.3       | 3.6     | 0.87  | 99.4      | 36.799  | 27.7249 |
| 2009 | 6     | 19  | 13   | 31     | 28     | 0.3       | 3.6     | 0.9   | 95.9      | 36.799  | 29.0145 |
| 2009 | 6     | 19  | 13   | 41     | 28     | 0.3       | 3.6     | 0.86  | 95.7      | 36.799  | 27.7249 |
| 2009 | 6     | 19  | 13   | 51     | 28     | 0.3       | 3.6     | 0.85  | 97.8      | 36.8345 | 27.3224 |
| 2009 | 6     | 19  | 14   | 1      | 28     | 0.3       | 3.6     | 0.84  | 95.6      | 36.8345 | 27.2149 |
| 2009 | 6     | 19  | 14   | 11     | 28     | 0.3       | 3.6     | 0.9   | 95.4      | 36.8345 | 29.0435 |
| 2009 | 6     | 19  | 14   | 21     | 28     | 0.3       | 3.6     | 0.92  | 96.9      | 36.8701 | 29.7187 |
| 2009 | 6     | 19  | 14   | 31     | 28     | 0.3       | 3.6     | 0.9   | 95        | 36.8701 | 29.0724 |
| 2009 | 6     | 19  | 14   | 41     | 28     | 0.3       | 3.6     | 0.92  | 97.2      | 36.9056 | 29.5326 |
| 2009 | 6     | 19  | 14   | 51     | 28     | 0.3       | 3.6     | 0.95  | 94        | 36.9056 | 30.8269 |
| 2009 | 6     | 19  | 15   | 1      | 28     | 0.3       | 3.6     | 0.94  | 96.4      | 36.9056 | 30.3954 |
| 2009 | 6     | 19  | 15   | 11     | 28     | 0.3       | 3.6     | 0.93  | 96.7      | 36.9411 | 29.9938 |
| 2009 | 6     | 19  | 15   | 21     | 28     | 0.3       | 3.6     | 0.89  | 96.2      | 36.9411 | 28.6986 |
| 2009 | 6     | 19  | 15   | 31     | 28     | 0.3       | 3.6     | 0.93  | 97.3      | 36.9411 | 29.8858 |
| 2009 | 6     | 19  | 15   | 41     | 28     | 0.3       | 3.6     | 0.94  | 96.8      | 36.9767 | 30.5639 |
| 2009 | 6     | 19  | 15   | 51     | 28     | 0.3       | 3.6     | 0.82  | 96.9      | 36.9767 | 26.5678 |
| 2009 | 6     | 19  | 16   | 1      | 28     | 0.3       | 3.6     | 0.88  | 96.4      | 36.9767 | 28.6191 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 19  | 16   | 11     | 28     | 0.3       | 3.6     | 0.79  | 91.2      | 36.9767 | 25.8125 |
| 2009 | 6     | 19  | 16   | 21     | 28     | 0.3       | 3.6     | 0.84  | 95.8      | 37.0122 | 27.3504 |
| 2009 | 6     | 19  | 16   | 31     | 28     | 0.3       | 3.6     | 0.77  | 91.5      | 37.0122 | 25.0823 |
| 2009 | 6     | 19  | 16   | 41     | 28     | 0.3       | 3.6     | 0.84  | 95.2      | 37.0122 | 27.2424 |
| 2009 | 6     | 19  | 16   | 51     | 28     | 0.3       | 3.6     | 0.82  | 94.2      | 37.0122 | 26.4861 |
| 2009 | 6     | 19  | 17   | 1      | 28     | 0.3       | 3.6     | 0.91  | 96        | 37.0122 | 29.6207 |
| 2009 | 6     | 19  | 17   | 11     | 28     | 0.3       | 3.6     | 0.86  | 94.1      | 37.0477 | 28.0266 |
| 2009 | 6     | 19  | 17   | 21     | 28     | 0.3       | 3.6     | 0.84  | 94.7      | 37.0122 | 27.3504 |
| 2009 | 6     | 19  | 17   | 31     | 28     | 0.3       | 3.6     | 0.85  | 94.2      | 37.0477 | 27.5939 |
| 2009 | 6     | 19  | 17   | 41     | 28     | 0.3       | 3.6     | 0.78  | 92.6      | 37.0477 | 25.4313 |
| 2009 | 6     | 19  | 17   | 51     | 28     | 0.3       | 3.6     | 0.72  | 90.8      | 37.0477 | 23.2689 |
| 2009 | 6     | 19  | 18   | 1      | 28     | 0.3       | 3.6     | 0.84  | 93.1      | 37.0832 | 27.4046 |
| 2009 | 6     | 19  | 18   | 11     | 28     | 0.3       | 3.6     | 0.88  | 94.9      | 37.0832 | 28.4876 |
| 2009 | 6     | 19  | 18   | 21     | 28     | 0.3       | 3.6     | 0.91  | 93.9      | 37.0832 | 29.571  |
| 2009 | 6     | 19  | 18   | 31     | 28     | 0.3       | 3.6     | 0.95  | 96.7      | 37.0832 | 30.8716 |
| 2009 | 6     | 19  | 18   | 41     | 28     | 0.3       | 3.6     | 0.89  | 96.8      | 37.1187 | 28.841  |
| 2009 | 6     | 19  | 18   | 51     | 28     | 0.3       | 3.6     | 0.79  | 92.4      | 37.1187 | 25.6983 |
| 2009 | 6     | 19  | 19   | 1      | 28     | 0.3       | 3.6     | 0.89  | 99.3      | 37.1187 | 28.7326 |
| 2009 | 6     | 19  | 19   | 11     | 28     | 0.3       | 3.6     | 0.94  | 101.7     | 37.1542 | 30.1724 |
| 2009 | 6     | 19  | 19   | 21     | 28     | 0.3       | 3.6     | 0.92  | 95.3      | 37.1897 | 29.876  |
| 2009 | 6     | 19  | 19   | 31     | 28     | 0.3       | 3.6     | 0.86  | 93.9      | 37.2252 | 28.274  |
| 2009 | 6     | 19  | 19   | 41     | 28     | 0.3       | 3.6     | 0.88  | 94.5      | 37.2252 | 28.8177 |
| 2009 | 6     | 19  | 19   | 51     | 28     | 0.3       | 3.6     | 0.93  | 97.1      | 37.2252 | 30.3407 |
| 2009 | 6     | 19  | 20   | 1      | 28     | 0.3       | 3.6     | 0.98  | 97.7      | 37.2607 | 31.7869 |
| 2009 | 6     | 19  | 20   | 11     | 28     | 0.3       | 3.6     | 0.71  | 92.1      | 37.2962 | 23.2124 |
| 2009 | 6     | 19  | 20   | 21     | 28     | 0.3       | 3.6     | 0.86  | 93.5      | 37.2962 | 28.1117 |
| 2009 | 6     | 19  | 20   | 31     | 28     | 0.3       | 3.6     | 0.85  | 92.9      | 37.3316 | 27.8122 |
| 2009 | 6     | 19  | 20   | 41     | 28     | 0.3       | 3.6     | 0.9   | 96.9      | 37.3316 | 29.4482 |
| 2009 | 6     | 19  | 20   | 51     | 28     | 0.3       | 3.6     | 0.86  | 95.5      | 37.3316 | 28.2484 |
| 2009 | 6     | 19  | 21   | 1      | 28     | 0.3       | 3.6     | 0.88  | 96.6      | 37.3671 | 28.7127 |
| 2009 | 6     | 19  | 21   | 11     | 28     | 0.3       | 3.6     | 0.93  | 95.7      | 37.3671 | 30.3508 |
| 2009 | 6     | 19  | 21   | 21     | 28     | 0.3       | 3.6     | 0.89  | 95.1      | 37.3671 | 29.1494 |
| 2009 | 6     | 19  | 21   | 31     | 28     | 0.3       | 3.6     | 0.84  | 95.4      | 37.3671 | 27.5121 |
| 2009 | 6     | 19  | 21   | 41     | 28     | 0.3       | 3.6     | 0.78  | 93.6      | 37.3671 | 25.5488 |
| 2009 | 6     | 19  | 21   | 51     | 28     | 0.3       | 3.6     | 0.95  | 97.6      | 37.4025 | 30.9273 |
| 2009 | 6     | 19  | 22   | 1      | 28     | 0.3       | 3.6     | 0.98  | 97.3      | 37.4025 | 32.0212 |
| 2009 | 6     | 19  | 22   | 11     | 28     | 0.3       | 3.6     | 0.92  | 95.5      | 37.438  | 30.3008 |
| 2009 | 6     | 19  | 22   | 21     | 28     | 0.3       | 3.6     | 0.89  | 93.4      | 37.4025 | 29.2873 |
| 2009 | 6     | 19  | 22   | 31     | 28     | 0.3       | 3.6     | 0.9   | 94        | 37.4025 | 29.5059 |
| 2009 | 6     | 19  | 22   | 41     | 28     | 0.3       | 3.6     | 0.78  | 90.2      | 37.438  | 25.7081 |
| 2009 | 6     | 19  | 22   | 51     | 28     | 0.3       | 3.6     | 0.88  | 95.3      | 37.4025 | 28.8501 |
| 2009 | 6     | 19  | 23   | 1      | 28     | 0.3       | 3.6     | 0.76  | 91.2      | 37.438  | 24.9435 |
| 2009 | 6     | 19  | 23   | 11     | 28     | 0.3       | 3.6     | 0.84  | 93.3      | 37.438  | 27.7847 |
| 2009 | 6     | 19  | 23   | 21     | 28     | 0.3       | 3.6     | 0.74  | 91.8      | 37.438  | 24.2883 |
| 2009 | 6     | 19  | 23   | 31     | 28     | 0.3       | 3.6     | 0.78  | 92.2      | 37.4734 | 25.7332 |
| 2009 | 6     | 19  | 23   | 41     | 28     | 0.3       | 3.6     | 0.88  | 95.6      | 37.4734 | 28.9066 |
| 2009 | 6     | 19  | 23   | 51     | 28     | 0.3       | 3.6     | 0.93  | 95        | 37.5089 | 30.689  |
| 2009 | 6     | 20  | 0    | 1      | 28     | 0.3       | 3.6     | 0.96  | 95.7      | 37.5443 | 31.7072 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 20  | 0    | 11     | 28     | 0.3       | 3.6     | 0.93  | 95.3      | 37.5443 | 30.4994 |
| 2009 | 6     | 20  | 0    | 21     | 28     | 0.3       | 3.6     | 0.81  | 94.4      | 37.5797 | 26.5765 |
| 2009 | 6     | 20  | 0    | 31     | 28     | 0.3       | 3.6     | 0.98  | 97.9      | 37.6151 | 32.3191 |
| 2009 | 6     | 20  | 0    | 41     | 28     | 0.3       | 3.6     | 0.83  | 93.4      | 37.6505 | 27.5078 |
| 2009 | 6     | 20  | 0    | 51     | 28     | 0.3       | 3.6     | 0.97  | 99        | 37.6505 | 31.7998 |
| 2009 | 6     | 20  | 1    | 1      | 28     | 0.3       | 3.6     | 0.95  | 94.6      | 37.6505 | 31.4694 |
| 2009 | 6     | 20  | 1    | 11     | 28     | 0.3       | 3.6     | 0.89  | 93        | 37.6859 | 29.5165 |
| 2009 | 6     | 20  | 1    | 21     | 28     | 0.3       | 3.6     | 0.9   | 97.5      | 37.6859 | 29.6266 |
| 2009 | 6     | 20  | 1    | 31     | 28     | 0.3       | 3.6     | 0.96  | 96.9      | 37.6859 | 31.6102 |
| 2009 | 6     | 20  | 1    | 41     | 28     | 0.3       | 3.6     | 0.92  | 96.2      | 37.7213 | 30.317  |
| 2009 | 6     | 20  | 1    | 51     | 28     | 0.3       | 3.6     | 0.92  | 97.8      | 37.6859 | 30.3978 |
| 2009 | 6     | 20  | 2    | 1      | 28     | 0.3       | 3.6     | 0.88  | 96        | 37.7213 | 28.9939 |
| 2009 | 6     | 20  | 2    | 11     | 28     | 0.3       | 3.6     | 0.96  | 98.3      | 37.7213 | 31.5305 |
| 2009 | 6     | 20  | 2    | 21     | 28     | 0.3       | 3.6     | 0.89  | 95.1      | 37.7213 | 29.5451 |
| 2009 | 6     | 20  | 2    | 31     | 28     | 0.3       | 3.6     | 0.95  | 97.6      | 37.7213 | 31.1995 |
| 2009 | 6     | 20  | 2    | 41     | 28     | 0.3       | 3.6     | 0.91  | 97.9      | 37.7213 | 29.8759 |
| 2009 | 6     | 20  | 2    | 51     | 28     | 0.3       | 3.6     | 0.81  | 94.4      | 37.7567 | 26.7058 |
| 2009 | 6     | 20  | 3    | 1      | 28     | 0.3       | 3.6     | 0.93  | 93.9      | 37.7567 | 30.788  |
| 2009 | 6     | 20  | 3    | 11     | 28     | 0.3       | 3.6     | 0.96  | 99.8      | 37.7567 | 31.561  |
| 2009 | 6     | 20  | 3    | 21     | 28     | 0.3       | 3.6     | 0.92  | 96.3      | 37.7567 | 30.4568 |
| 2009 | 6     | 20  | 3    | 31     | 28     | 0.3       | 3.6     | 0.89  | 95.1      | 37.7921 | 29.3814 |
| 2009 | 6     | 20  | 3    | 41     | 28     | 0.3       | 3.6     | 0.91  | 93.1      | 37.7921 | 30.3758 |
| 2009 | 6     | 20  | 3    | 51     | 28     | 0.3       | 3.6     | 0.91  | 96.2      | 37.7921 | 30.1548 |
| 2009 | 6     | 20  | 4    | 1      | 28     | 0.3       | 3.6     | 0.97  | 98        | 37.8275 | 32.0648 |
| 2009 | 6     | 20  | 4    | 11     | 28     | 0.3       | 3.6     | 0.99  | 97.6      | 37.8275 | 32.7289 |
| 2009 | 6     | 20  | 4    | 21     | 28     | 0.3       | 3.6     | 0.95  | 96.3      | 37.8628 | 31.6527 |
| 2009 | 6     | 20  | 4    | 31     | 28     | 0.3       | 3.6     | 0.92  | 96.7      | 37.9336 | 30.6042 |
| 2009 | 6     | 20  | 4    | 41     | 28     | 0.3       | 3.6     | 0.86  | 95.7      | 37.9689 | 28.5248 |
| 2009 | 6     | 20  | 4    | 51     | 28     | 0.3       | 3.6     | 0.92  | 95.9      | 37.9689 | 30.7448 |
| 2009 | 6     | 20  | 5    | 1      | 28     | 0.3       | 3.6     | 0.82  | 92.3      | 38.0042 | 27.4419 |
| 2009 | 6     | 20  | 5    | 11     | 28     | 0.3       | 3.6     | 0.87  | 92.8      | 38.0042 | 29.1076 |
| 2009 | 6     | 20  | 5    | 21     | 28     | 0.3       | 3.6     | 0.93  | 95.7      | 38.0042 | 30.9968 |
| 2009 | 6     | 20  | 5    | 31     | 28     | 0.3       | 3.6     | 0.89  | 94.6      | 38.0396 | 29.8029 |
| 2009 | 6     | 20  | 5    | 41     | 28     | 0.3       | 3.6     | 0.92  | 98        | 38.0396 | 30.4703 |
| 2009 | 6     | 20  | 5    | 51     | 28     | 0.3       | 3.6     | 0.8   | 97.8      | 38.0396 | 26.5795 |
| 2009 | 6     | 20  | 6    | 1      | 28     | 0.3       | 3.6     | 0.85  | 94        | 38.0749 | 28.2735 |
| 2009 | 6     | 20  | 6    | 11     | 28     | 0.3       | 3.6     | 0.98  | 98.8      | 38.0749 | 32.6161 |
| 2009 | 6     | 20  | 6    | 21     | 28     | 0.3       | 3.6     | 0.93  | 94.9      | 38.0749 | 31.0564 |
| 2009 | 6     | 20  | 6    | 31     | 28     | 0.3       | 3.6     | 0.96  | 97.2      | 38.0749 | 32.059  |
| 2009 | 6     | 20  | 6    | 41     | 28     | 0.3       | 3.6     | 0.91  | 96.8      | 38.0749 | 30.2769 |
| 2009 | 6     | 20  | 6    | 51     | 28     | 0.3       | 3.6     | 0.93  | 95.9      | 38.0749 | 31.1678 |
| 2009 | 6     | 20  | 7    | 1      | 28     | 0.3       | 3.6     | 0.98  | 98        | 38.0749 | 32.7276 |
| 2009 | 6     | 20  | 7    | 11     | 28     | 0.3       | 3.6     | 0.88  | 96.4      | 38.1102 | 29.526  |
| 2009 | 6     | 20  | 7    | 21     | 28     | 0.3       | 3.6     | 0.93  | 95.9      | 38.1102 | 31.0863 |
| 2009 | 6     | 20  | 7    | 31     | 28     | 0.3       | 3.6     | 0.94  | 97.6      | 38.1102 | 31.1978 |
| 2009 | 6     | 20  | 7    | 41     | 28     | 0.3       | 3.6     | 0.95  | 97.5      | 38.1102 | 31.6437 |
| 2009 | 6     | 20  | 7    | 51     | 28     | 0.3       | 3.6     | 0.85  | 95.1      | 38.1455 | 28.5507 |
| 2009 | 6     | 20  | 8    | 1      | 28     | 0.3       | 3.6     | 0.92  | 98        | 38.1455 | 30.5582 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 20  | 8    | 11     | 28     | 0.3       | 3.6     | 0.86  | 93.7      | 38.1455 | 28.7737 |
| 2009 | 6     | 20  | 8    | 21     | 28     | 0.3       | 3.6     | 0.92  | 97.8      | 38.1455 | 30.7814 |
| 2009 | 6     | 20  | 8    | 31     | 28     | 0.3       | 3.6     | 0.98  | 97.9      | 38.1455 | 32.5672 |
| 2009 | 6     | 20  | 8    | 41     | 28     | 0.3       | 3.6     | 0.93  | 98.3      | 38.1808 | 30.9226 |
| 2009 | 6     | 20  | 8    | 51     | 28     | 0.3       | 3.6     | 0.94  | 96.6      | 38.1808 | 31.3693 |
| 2009 | 6     | 20  | 9    | 1      | 28     | 0.3       | 3.6     | 0.89  | 98.9      | 38.1808 | 29.5826 |
| 2009 | 6     | 20  | 9    | 11     | 28     | 0.3       | 3.6     | 0.94  | 100       | 38.1808 | 31.2576 |
| 2009 | 6     | 20  | 9    | 21     | 28     | 0.3       | 3.6     | 0.9   | 94.4      | 38.1808 | 30.3642 |
| 2009 | 6     | 20  | 9    | 31     | 28     | 0.3       | 3.6     | 0.92  | 98        | 38.2161 | 30.7286 |
| 2009 | 6     | 20  | 9    | 41     | 28     | 0.3       | 3.6     | 0.84  | 98.5      | 38.2161 | 28.0471 |
| 2009 | 6     | 20  | 9    | 51     | 28     | 0.3       | 3.6     | 0.91  | 97.6      | 38.2161 | 30.505  |
| 2009 | 6     | 20  | 10   | 1      | 28     | 0.3       | 3.6     | 0.89  | 94.9      | 38.2161 | 29.7227 |
| 2009 | 6     | 20  | 10   | 11     | 28     | 0.3       | 3.6     | 0.92  | 97.6      | 38.2161 | 30.7286 |
| 2009 | 6     | 20  | 10   | 21     | 28     | 0.3       | 3.6     | 0.91  | 98.1      | 38.2161 | 30.2815 |
| 2009 | 6     | 20  | 10   | 31     | 28     | 0.3       | 3.6     | 0.81  | 95.1      | 38.2161 | 27.0422 |
| 2009 | 6     | 20  | 10   | 41     | 28     | 0.3       | 3.6     | 0.91  | 97.2      | 38.2514 | 30.5342 |
| 2009 | 6     | 20  | 10   | 51     | 28     | 0.3       | 3.6     | 0.91  | 94.1      | 38.2514 | 30.758  |
| 2009 | 6     | 20  | 11   | 1      | 28     | 0.3       | 3.6     | 0.97  | 98.1      | 38.2514 | 32.5488 |
| 2009 | 6     | 20  | 11   | 11     | 28     | 0.3       | 3.6     | 0.95  | 95.4      | 38.2514 | 31.8771 |
| 2009 | 6     | 20  | 11   | 21     | 28     | 0.3       | 3.6     | 0.95  | 97.4      | 38.2514 | 31.6533 |
| 2009 | 6     | 20  | 11   | 31     | 28     | 0.3       | 3.6     | 0.93  | 97.7      | 38.2867 | 31.0114 |
| 2009 | 6     | 20  | 11   | 41     | 28     | 0.3       | 3.6     | 0.91  | 99.1      | 38.2867 | 30.3394 |
| 2009 | 6     | 20  | 11   | 51     | 28     | 0.3       | 3.6     | 0.97  | 94.3      | 38.2867 | 32.8041 |
| 2009 | 6     | 20  | 12   | 1      | 28     | 0.3       | 3.6     | 0.96  | 98.5      | 38.2867 | 31.9076 |
| 2009 | 6     | 20  | 12   | 11     | 28     | 0.3       | 3.6     | 0.88  | 95.1      | 38.2867 | 29.5556 |
| 2009 | 6     | 20  | 12   | 21     | 28     | 0.3       | 3.6     | 0.95  | 96.5      | 38.2867 | 32.0196 |
| 2009 | 6     | 20  | 12   | 31     | 28     | 0.3       | 3.6     | 0.97  | 97        | 38.2867 | 32.3558 |
| 2009 | 6     | 20  | 12   | 41     | 28     | 0.3       | 3.6     | 1.02  | 97.6      | 38.322  | 34.2941 |
| 2009 | 6     | 20  | 12   | 51     | 28     | 0.3       | 3.6     | 0.92  | 99.8      | 38.322  | 30.7046 |
| 2009 | 6     | 20  | 13   | 1      | 28     | 0.3       | 3.6     | 1.01  | 95.2      | 38.322  | 33.9574 |
| 2009 | 6     | 20  | 13   | 11     | 28     | 0.3       | 3.6     | 0.96  | 98.5      | 38.322  | 32.0502 |
| 2009 | 6     | 20  | 13   | 21     | 28     | 0.3       | 3.6     | 0.99  | 97.6      | 38.322  | 33.0597 |
| 2009 | 6     | 20  | 13   | 31     | 28     | 0.3       | 3.6     | 1     | 97.2      | 38.322  | 33.3963 |
| 2009 | 6     | 20  | 13   | 41     | 28     | 0.3       | 3.6     | 0.96  | 96.9      | 38.322  | 32.1623 |
| 2009 | 6     | 20  | 13   | 51     | 28     | 0.3       | 3.6     | 0.89  | 95.5      | 38.322  | 29.92   |
| 2009 | 6     | 20  | 14   | 1      | 28     | 0.3       | 3.6     | 1.01  | 97.1      | 38.322  | 34.0697 |
| 2009 | 6     | 20  | 14   | 11     | 28     | 0.3       | 3.6     | 0.9   | 99.3      | 38.3573 | 29.9486 |
| 2009 | 6     | 20  | 14   | 21     | 28     | 0.3       | 3.6     | 0.94  | 97.8      | 38.3573 | 31.6317 |
| 2009 | 6     | 20  | 14   | 31     | 28     | 0.3       | 3.6     | 0.96  | 95.3      | 38.3573 | 32.4175 |
| 2009 | 6     | 20  | 14   | 41     | 28     | 0.3       | 3.6     | 0.89  | 100       | 38.3573 | 29.6121 |
| 2009 | 6     | 20  | 14   | 51     | 28     | 0.3       | 3.6     | 0.94  | 97.6      | 38.3573 | 31.4072 |
| 2009 | 6     | 20  | 15   | 1      | 28     | 0.3       | 3.6     | 0.95  | 99.5      | 38.3573 | 31.744  |
| 2009 | 6     | 20  | 15   | 11     | 28     | 0.3       | 3.6     | 0.88  | 94.5      | 38.3573 | 29.6121 |
| 2009 | 6     | 20  | 15   | 21     | 28     | 0.3       | 3.6     | 0.88  | 96.6      | 38.3925 | 29.6403 |
| 2009 | 6     | 20  | 15   | 31     | 28     | 0.3       | 3.6     | 0.92  | 97.2      | 38.3925 | 30.9878 |
| 2009 | 6     | 20  | 15   | 41     | 28     | 0.3       | 3.6     | 0.95  | 99.5      | 38.3925 | 31.8866 |
| 2009 | 6     | 20  | 15   | 51     | 28     | 0.3       | 3.6     | 0.96  | 96.4      | 38.3925 | 32.4484 |
| 2009 | 6     | 20  | 16   | 1      | 28     | 0.3       | 3.6     | 0.99  | 95.9      | 38.3925 | 33.3476 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 20  | 16   | 11     | 28     | 0.3       | 3.6     | 0.96  | 96.7      | 38.3925 | 32.336  |
| 2009 | 6     | 20  | 16   | 21     | 28     | 0.3       | 3.6     | 0.96  | 96.6      | 38.3925 | 32.4484 |
| 2009 | 6     | 20  | 16   | 31     | 28     | 0.3       | 3.6     | 0.95  | 97.4      | 38.3925 | 31.7742 |
| 2009 | 6     | 20  | 16   | 41     | 28     | 0.3       | 3.6     | 0.94  | 92.6      | 38.3925 | 31.6618 |
| 2009 | 6     | 20  | 16   | 51     | 28     | 0.3       | 3.6     | 0.96  | 97.5      | 38.4983 | 32.2029 |
| 2009 | 6     | 20  | 17   | 1      | 28     | 0.3       | 3.6     | 0.86  | 93.9      | 38.4278 | 29.1066 |
| 2009 | 6     | 20  | 17   | 11     | 28     | 0.3       | 3.6     | 0.98  | 97.1      | 38.3925 | 33.0104 |
| 2009 | 6     | 20  | 17   | 21     | 28     | 0.3       | 3.6     | 0.82  | 92.5      | 38.3925 | 27.6202 |
| 2009 | 6     | 20  | 17   | 31     | 28     | 0.3       | 3.6     | 0.94  | 96.4      | 38.3925 | 31.5495 |
| 2009 | 6     | 20  | 17   | 41     | 28     | 0.3       | 3.6     | 0.82  | 93.2      | 38.4278 | 27.6465 |
| 2009 | 6     | 20  | 17   | 51     | 28     | 0.3       | 3.6     | 0.94  | 95        | 38.3925 | 31.6618 |
| 2009 | 6     | 20  | 18   | 1      | 28     | 0.3       | 3.6     | 0.95  | 96.2      | 38.3925 | 31.8866 |
| 2009 | 6     | 20  | 18   | 11     | 28     | 0.3       | 3.6     | 0.85  | 93.5      | 38.3925 | 28.7423 |
| 2009 | 6     | 20  | 18   | 21     | 28     | 0.3       | 3.6     | 0.94  | 96.9      | 38.3925 | 31.4372 |
| 2009 | 6     | 20  | 18   | 31     | 28     | 0.3       | 3.6     | 0.86  | 94.8      | 38.4278 | 28.9943 |
| 2009 | 6     | 20  | 18   | 41     | 28     | 0.3       | 3.6     | 0.88  | 95.8      | 38.3925 | 29.7525 |
| 2009 | 6     | 20  | 18   | 51     | 28     | 0.3       | 3.6     | 0.95  | 97.3      | 38.3925 | 31.9989 |
| 2009 | 6     | 20  | 19   | 1      | 28     | 0.3       | 3.6     | 0.83  | 93.4      | 38.4278 | 28.208  |
| 2009 | 6     | 20  | 19   | 11     | 28     | 0.3       | 3.6     | 0.86  | 93.3      | 38.4278 | 29.1066 |
| 2009 | 6     | 20  | 19   | 21     | 28     | 0.3       | 3.6     | 0.95  | 95.7      | 38.4278 | 32.0294 |
| 2009 | 6     | 20  | 19   | 31     | 28     | 0.3       | 3.6     | 0.72  | 86.6      | 38.3925 | 24.1451 |
| 2009 | 6     | 20  | 19   | 41     | 28     | 0.3       | 3.6     | 0.89  | 94.2      | 38.4278 | 30.118  |
| 2009 | 6     | 20  | 19   | 51     | 28     | 0.3       | 3.6     | 0.82  | 90        | 38.4278 | 27.7588 |
| 2009 | 6     | 20  | 20   | 1      | 28     | 0.3       | 3.6     | 0.92  | 96.8      | 38.4278 | 30.9049 |
| 2009 | 6     | 20  | 20   | 11     | 28     | 0.3       | 3.6     | 0.88  | 93.8      | 38.4278 | 29.7808 |
| 2009 | 6     | 20  | 20   | 21     | 28     | 0.3       | 3.6     | 0.93  | 94.4      | 38.4278 | 31.5795 |
| 2009 | 6     | 20  | 20   | 31     | 28     | 0.3       | 3.6     | 0.89  | 97.2      | 38.4278 | 30.0056 |
| 2009 | 6     | 20  | 20   | 41     | 28     | 0.3       | 3.6     | 0.94  | 94        | 38.4278 | 31.9169 |
| 2009 | 6     | 20  | 20   | 51     | 28     | 0.3       | 3.6     | 0.99  | 94.7      | 38.4278 | 33.6044 |
| 2009 | 6     | 20  | 21   | 1      | 28     | 0.3       | 3.6     | 0.84  | 93.8      | 38.4278 | 28.208  |
| 2009 | 6     | 20  | 21   | 11     | 28     | 0.3       | 3.6     | 0.88  | 93.9      | 38.4278 | 29.6685 |
| 2009 | 6     | 20  | 21   | 21     | 28     | 0.3       | 3.6     | 0.95  | 93.8      | 38.4278 | 32.1418 |
| 2009 | 6     | 20  | 21   | 31     | 28     | 0.3       | 3.6     | 0.78  | 89        | 38.463  | 26.4367 |
| 2009 | 6     | 20  | 21   | 41     | 28     | 0.3       | 3.6     | 0.86  | 93.5      | 38.4278 | 29.219  |
| 2009 | 6     | 20  | 21   | 51     | 28     | 0.3       | 3.6     | 0.9   | 94.8      | 38.463  | 30.3716 |
| 2009 | 6     | 20  | 22   | 1      | 28     | 0.3       | 3.6     | 0.96  | 95.7      | 38.4278 | 32.2543 |
| 2009 | 6     | 20  | 22   | 11     | 28     | 0.3       | 3.6     | 0.69  | 86.2      | 38.4983 | 23.3132 |
| 2009 | 6     | 20  | 22   | 21     | 28     | 0.3       | 3.6     | 0.72  | 92.4      | 38.4983 | 24.3264 |
| 2009 | 6     | 20  | 22   | 31     | 28     | 0.3       | 3.6     | 0.86  | 95.3      | 38.4983 | 29.0494 |
| 2009 | 6     | 20  | 22   | 41     | 28     | 0.3       | 3.6     | 0.84  | 90.4      | 38.4983 | 28.5992 |
| 2009 | 6     | 20  | 22   | 51     | 28     | 0.3       | 3.6     | 0.89  | 91.9      | 38.4983 | 30.1752 |
| 2009 | 6     | 20  | 23   | 1      | 28     | 0.3       | 3.6     | 0.84  | 90.9      | 38.5335 | 28.401  |
| 2009 | 6     | 20  | 23   | 11     | 28     | 0.3       | 3.6     | 0.73  | 89.7      | 38.5335 | 24.5743 |
| 2009 | 6     | 20  | 23   | 21     | 28     | 0.3       | 3.6     | 0.92  | 95.9      | 38.5335 | 31.1057 |
| 2009 | 6     | 20  | 23   | 31     | 28     | 0.3       | 3.6     | 0.96  | 96.9      | 38.4983 | 32.2029 |
| 2009 | 6     | 20  | 23   | 41     | 28     | 0.3       | 3.6     | 0.87  | 96.3      | 38.5335 | 29.415  |
| 2009 | 6     | 20  | 23   | 51     | 28     | 0.3       | 3.6     | 0.88  | 94.5      | 38.5335 | 29.6403 |
| 2009 | 6     | 21  | 0    | 1      | 28     | 0.3       | 3.6     | 0.81  | 90.7      | 38.5335 | 27.6127 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 21  | 0    | 11     | 28     | 0.3       | 3.6     | 0.86  | 94.4      | 38.5335 | 29.1896 |
| 2009 | 6     | 21  | 0    | 21     | 28     | 0.3       | 3.6     | 0.8   | 94.5      | 38.5335 | 27.1623 |
| 2009 | 6     | 21  | 0    | 31     | 28     | 0.3       | 3.6     | 0.9   | 94.2      | 38.5335 | 30.542  |
| 2009 | 6     | 21  | 0    | 41     | 28     | 0.3       | 3.6     | 0.9   | 94.8      | 38.5335 | 30.542  |
| 2009 | 6     | 21  | 0    | 51     | 28     | 0.3       | 3.6     | 0.79  | 90        | 38.5335 | 26.712  |
| 2009 | 6     | 21  | 1    | 1      | 28     | 0.3       | 3.6     | 0.82  | 92.3      | 38.5335 | 27.7253 |
| 2009 | 6     | 21  | 1    | 11     | 28     | 0.3       | 3.6     | 0.95  | 93.6      | 38.5335 | 32.1206 |
| 2009 | 6     | 21  | 1    | 21     | 28     | 0.3       | 3.6     | 0.93  | 93.4      | 38.5335 | 31.444  |
| 2009 | 6     | 21  | 1    | 31     | 28     | 0.3       | 3.6     | 0.79  | 92.4      | 38.5335 | 26.712  |
| 2009 | 6     | 21  | 1    | 41     | 28     | 0.3       | 3.6     | 0.92  | 97.4      | 38.5335 | 31.1057 |
| 2009 | 6     | 21  | 1    | 51     | 28     | 0.3       | 3.6     | 0.93  | 93.6      | 38.5335 | 31.6695 |
| 2009 | 6     | 21  | 2    | 1      | 28     | 0.3       | 3.6     | 0.89  | 95.1      | 38.5335 | 30.0911 |
| 2009 | 6     | 21  | 2    | 11     | 28     | 0.3       | 3.6     | 0.93  | 95.9      | 38.5335 | 31.5567 |
| 2009 | 6     | 21  | 2    | 21     | 28     | 0.3       | 3.6     | 0.78  | 93.2      | 38.5335 | 26.2618 |
| 2009 | 6     | 21  | 2    | 31     | 28     | 0.3       | 3.6     | 0.86  | 93.3      | 38.5335 | 29.1896 |
| 2009 | 6     | 21  | 2    | 41     | 28     | 0.3       | 3.6     | 0.89  | 94        | 38.5335 | 30.0911 |
| 2009 | 6     | 21  | 2    | 51     | 28     | 0.3       | 3.6     | 0.9   | 94.6      | 38.5335 | 30.4293 |
| 2009 | 6     | 21  | 3    | 1      | 28     | 0.3       | 3.6     | 0.97  | 99.1      | 38.5335 | 32.6846 |
| 2009 | 6     | 21  | 3    | 11     | 28     | 0.3       | 3.6     | 0.8   | 92.8      | 38.5335 | 27.0497 |
| 2009 | 6     | 21  | 3    | 21     | 28     | 0.3       | 3.6     | 0.85  | 95.6      | 38.5335 | 28.6263 |
| 2009 | 6     | 21  | 3    | 31     | 28     | 0.3       | 3.6     | 0.81  | 93.3      | 38.5335 | 27.3875 |
| 2009 | 6     | 21  | 3    | 41     | 28     | 0.3       | 3.6     | 0.87  | 93        | 38.5335 | 29.6403 |
| 2009 | 6     | 21  | 3    | 51     | 28     | 0.3       | 3.6     | 0.89  | 97.6      | 38.5335 | 29.9784 |
| 2009 | 6     | 21  | 4    | 1      | 28     | 0.3       | 3.6     | 0.86  | 92.4      | 38.5335 | 29.1896 |
| 2009 | 6     | 21  | 4    | 11     | 28     | 0.3       | 3.6     | 0.89  | 94.9      | 38.5335 | 30.2038 |
| 2009 | 6     | 21  | 4    | 21     | 28     | 0.3       | 3.6     | 0.91  | 97.5      | 38.5335 | 30.6547 |
| 2009 | 6     | 21  | 4    | 31     | 28     | 0.3       | 3.6     | 0.97  | 96.4      | 38.4983 | 32.7664 |
| 2009 | 6     | 21  | 4    | 41     | 28     | 0.3       | 3.6     | 0.92  | 93.3      | 38.4983 | 31.0762 |
| 2009 | 6     | 21  | 4    | 51     | 28     | 0.3       | 3.6     | 0.92  | 97.8      | 38.4983 | 31.0762 |
| 2009 | 6     | 21  | 5    | 1      | 28     | 0.3       | 3.6     | 0.97  | 96        | 38.4983 | 32.8791 |
| 2009 | 6     | 21  | 5    | 11     | 28     | 0.3       | 3.6     | 0.97  | 96.4      | 38.4983 | 32.7664 |
| 2009 | 6     | 21  | 5    | 21     | 28     | 0.3       | 3.6     | 0.95  | 96.3      | 38.4983 | 32.0902 |
| 2009 | 6     | 21  | 5    | 31     | 28     | 0.3       | 3.6     | 0.97  | 95.1      | 38.4983 | 32.6537 |
| 2009 | 6     | 21  | 5    | 41     | 28     | 0.3       | 3.6     | 0.9   | 94.4      | 38.4983 | 30.5131 |
| 2009 | 6     | 21  | 5    | 51     | 28     | 0.3       | 3.6     | 0.9   | 95.9      | 38.4983 | 30.2878 |
| 2009 | 6     | 21  | 6    | 1      | 28     | 0.3       | 3.6     | 0.93  | 96.7      | 38.4983 | 31.3015 |
| 2009 | 6     | 21  | 6    | 11     | 28     | 0.3       | 3.6     | 0.92  | 96.2      | 38.4983 | 30.9636 |
| 2009 | 6     | 21  | 6    | 21     | 28     | 0.3       | 3.6     | 0.94  | 97.2      | 38.4983 | 31.5268 |
| 2009 | 6     | 21  | 6    | 31     | 28     | 0.3       | 3.6     | 0.73  | 90        | 38.4983 | 24.5511 |
| 2009 | 6     | 21  | 6    | 41     | 28     | 0.3       | 3.6     | 0.88  | 95.1      | 38.4983 | 29.8374 |
| 2009 | 6     | 21  | 6    | 51     | 28     | 0.3       | 3.6     | 0.85  | 94.9      | 38.4983 | 28.7117 |
| 2009 | 6     | 21  | 7    | 1      | 28     | 0.3       | 3.6     | 0.91  | 98.9      | 38.463  | 30.4841 |
| 2009 | 6     | 21  | 7    | 11     | 28     | 0.3       | 3.6     | 0.83  | 97.9      | 38.4983 | 28.0365 |
| 2009 | 6     | 21  | 7    | 21     | 28     | 0.3       | 3.6     | 0.89  | 95.3      | 38.463  | 29.9216 |
| 2009 | 6     | 21  | 7    | 31     | 28     | 0.3       | 3.6     | 0.88  | 96.7      | 38.4983 | 29.4997 |
| 2009 | 6     | 21  | 7    | 41     | 28     | 0.3       | 3.6     | 0.89  | 94.7      | 38.463  | 29.9216 |
| 2009 | 6     | 21  | 7    | 51     | 28     | 0.3       | 3.6     | 0.83  | 95.5      | 38.463  | 27.8975 |
| 2009 | 6     | 21  | 8    | 1      | 28     | 0.3       | 3.6     | 0.9   | 95.8      | 38.463  | 30.4841 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 21  | 8    | 11     | 28     | 0.3       | 3.6     | 0.89  | 96.3      | 38.463  | 30.1466 |
| 2009 | 6     | 21  | 8    | 21     | 28     | 0.3       | 3.6     | 1.01  | 97.7      | 38.463  | 33.8616 |
| 2009 | 6     | 21  | 8    | 31     | 28     | 0.3       | 3.6     | 1.02  | 98.3      | 38.463  | 34.3122 |
| 2009 | 6     | 21  | 8    | 41     | 28     | 0.3       | 3.6     | 0.88  | 94.3      | 38.463  | 29.6966 |
| 2009 | 6     | 21  | 8    | 51     | 28     | 0.3       | 3.6     | 0.95  | 98.1      | 38.463  | 32.0598 |
| 2009 | 6     | 21  | 9    | 1      | 28     | 0.3       | 3.6     | 0.99  | 98        | 38.463  | 33.1858 |
| 2009 | 6     | 21  | 9    | 11     | 28     | 0.3       | 3.6     | 0.89  | 98.5      | 38.463  | 29.9216 |
| 2009 | 6     | 21  | 9    | 21     | 28     | 0.3       | 3.6     | 0.94  | 96.8      | 38.463  | 31.7221 |
| 2009 | 6     | 21  | 9    | 31     | 28     | 0.3       | 3.6     | 0.86  | 94.8      | 38.463  | 29.0218 |
| 2009 | 6     | 21  | 9    | 41     | 28     | 0.3       | 3.6     | 0.96  | 98.2      | 38.463  | 32.2849 |
| 2009 | 6     | 21  | 9    | 51     | 28     | 0.3       | 3.6     | 0.91  | 98.1      | 38.463  | 30.5966 |
| 2009 | 6     | 21  | 10   | 1      | 28     | 0.3       | 3.6     | 0.94  | 95        | 38.463  | 31.6095 |
| 2009 | 6     | 21  | 10   | 11     | 28     | 0.3       | 3.6     | 0.91  | 96        | 38.463  | 30.8217 |
| 2009 | 6     | 21  | 10   | 21     | 28     | 0.3       | 3.6     | 0.93  | 95.9      | 38.463  | 31.3844 |
| 2009 | 6     | 21  | 10   | 31     | 28     | 0.3       | 3.6     | 0.93  | 97.1      | 38.463  | 31.3844 |
| 2009 | 6     | 21  | 10   | 41     | 28     | 0.3       | 3.6     | 0.95  | 97.3      | 38.463  | 31.9472 |
| 2009 | 6     | 21  | 10   | 51     | 28     | 0.3       | 3.6     | 0.94  | 98.9      | 38.463  | 31.3844 |
| 2009 | 6     | 21  | 11   | 1      | 28     | 0.3       | 3.6     | 0.96  | 99.7      | 38.4278 | 32.0294 |
| 2009 | 6     | 21  | 11   | 11     | 28     | 0.3       | 3.6     | 0.83  | 96.8      | 38.463  | 27.7851 |
| 2009 | 6     | 21  | 11   | 21     | 28     | 0.3       | 3.6     | 0.95  | 98.1      | 38.4278 | 32.0294 |
| 2009 | 6     | 21  | 11   | 31     | 28     | 0.3       | 3.6     | 0.94  | 98.6      | 38.4278 | 31.4671 |
| 2009 | 6     | 21  | 11   | 41     | 28     | 0.3       | 3.6     | 0.95  | 99.2      | 38.4278 | 31.692  |
| 2009 | 6     | 21  | 11   | 51     | 28     | 0.3       | 3.6     | 1     | 99        | 38.4278 | 33.6044 |
| 2009 | 6     | 21  | 12   | 1      | 28     | 0.3       | 3.6     | 0.89  | 96.1      | 38.4278 | 30.0056 |
| 2009 | 6     | 21  | 12   | 11     | 28     | 0.3       | 3.6     | 1     | 96.8      | 38.4278 | 33.6044 |
| 2009 | 6     | 21  | 12   | 21     | 28     | 0.3       | 3.6     | 0.95  | 96.5      | 38.4278 | 32.0294 |
| 2009 | 6     | 21  | 12   | 31     | 28     | 0.3       | 3.6     | 0.93  | 95.5      | 38.3925 | 31.2125 |
| 2009 | 6     | 21  | 12   | 41     | 28     | 0.3       | 3.6     | 0.99  | 98.2      | 38.3573 | 33.2036 |
| 2009 | 6     | 21  | 12   | 51     | 28     | 0.3       | 3.6     | 0.91  | 95.6      | 38.3573 | 30.5095 |
| 2009 | 6     | 21  | 13   | 1      | 28     | 0.3       | 3.6     | 0.94  | 98.4      | 38.322  | 31.3773 |
| 2009 | 6     | 21  | 13   | 11     | 28     | 0.3       | 3.6     | 0.94  | 99.3      | 38.322  | 31.2652 |
| 2009 | 6     | 21  | 13   | 21     | 28     | 0.3       | 3.6     | 0.96  | 98.5      | 38.2867 | 32.0196 |
| 2009 | 6     | 21  | 13   | 31     | 28     | 0.3       | 3.6     | 0.9   | 101.1     | 38.2867 | 29.7795 |
| 2009 | 6     | 21  | 13   | 41     | 28     | 0.3       | 3.6     | 0.99  | 98.8      | 38.2867 | 32.9161 |
| 2009 | 6     | 21  | 13   | 51     | 28     | 0.3       | 3.6     | 0.95  | 96.6      | 38.2867 | 31.7955 |
| 2009 | 6     | 21  | 14   | 1      | 28     | 0.3       | 3.6     | 0.96  | 98.4      | 38.2867 | 32.1317 |
| 2009 | 6     | 21  | 14   | 11     | 28     | 0.3       | 3.6     | 0.95  | 97        | 38.2867 | 31.7955 |
| 2009 | 6     | 21  | 14   | 21     | 28     | 0.3       | 3.6     | 0.98  | 97.5      | 38.2867 | 32.8041 |
| 2009 | 6     | 21  | 14   | 31     | 28     | 0.3       | 3.6     | 0.94  | 96.8      | 38.2867 | 31.6835 |
| 2009 | 6     | 21  | 14   | 41     | 28     | 0.3       | 3.6     | 0.98  | 96.5      | 38.2867 | 32.9161 |
| 2009 | 6     | 21  | 14   | 51     | 28     | 0.3       | 3.6     | 0.96  | 97.5      | 38.2867 | 32.0196 |
| 2009 | 6     | 21  | 15   | 1      | 28     | 0.3       | 3.6     | 0.87  | 96.5      | 38.2867 | 29.1079 |
| 2009 | 6     | 21  | 15   | 11     | 28     | 0.3       | 3.6     | 0.91  | 96.4      | 38.2867 | 30.5634 |
| 2009 | 6     | 21  | 15   | 21     | 28     | 0.3       | 3.6     | 0.95  | 96.7      | 38.2514 | 31.9891 |
| 2009 | 6     | 21  | 15   | 31     | 28     | 0.3       | 3.6     | 0.96  | 98.5      | 38.2867 | 31.9076 |
| 2009 | 6     | 21  | 15   | 41     | 28     | 0.3       | 3.6     | 0.97  | 97.6      | 38.2867 | 32.4678 |
| 2009 | 6     | 21  | 15   | 51     | 28     | 0.3       | 3.6     | 0.91  | 98.5      | 38.2867 | 30.2274 |
| 2009 | 6     | 21  | 16   | 1      | 28     | 0.3       | 3.6     | 0.97  | 97.8      | 38.2514 | 32.3249 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 21  | 16   | 11     | 28     | 0.3       | 3.6     | 1     | 97.5      | 38.2514 | 33.4447 |
| 2009 | 6     | 21  | 16   | 21     | 28     | 0.3       | 3.6     | 0.92  | 95.3      | 38.2867 | 31.0114 |
| 2009 | 6     | 21  | 16   | 31     | 28     | 0.3       | 3.6     | 0.92  | 98        | 38.2514 | 30.758  |
| 2009 | 6     | 21  | 16   | 41     | 28     | 0.3       | 3.6     | 0.98  | 100.2     | 38.2514 | 32.6608 |
| 2009 | 6     | 21  | 16   | 51     | 28     | 0.3       | 3.6     | 0.91  | 96.6      | 38.2514 | 30.4223 |
| 2009 | 6     | 21  | 17   | 1      | 28     | 0.3       | 3.6     | 0.98  | 97.9      | 38.2514 | 32.7728 |
| 2009 | 6     | 21  | 17   | 11     | 28     | 0.3       | 3.6     | 0.87  | 102.4     | 38.2514 | 28.7446 |
| 2009 | 6     | 21  | 17   | 21     | 28     | 0.3       | 3.6     | 0.95  | 98.6      | 38.2514 | 31.6533 |
| 2009 | 6     | 21  | 17   | 31     | 28     | 0.3       | 3.6     | 0.95  | 94.7      | 38.2514 | 31.9891 |
| 2009 | 6     | 21  | 17   | 41     | 28     | 0.3       | 3.6     | 0.9   | 96.2      | 38.2514 | 30.3104 |
| 2009 | 6     | 21  | 17   | 51     | 28     | 0.3       | 3.6     | 0.97  | 94.5      | 38.2514 | 32.5488 |
| 2009 | 6     | 21  | 18   | 1      | 28     | 0.3       | 3.6     | 0.87  | 94.6      | 38.2514 | 29.0801 |
| 2009 | 6     | 21  | 18   | 11     | 28     | 0.3       | 3.6     | 0.94  | 95.4      | 38.2514 | 31.5413 |
| 2009 | 6     | 21  | 18   | 21     | 28     | 0.3       | 3.6     | 0.97  | 99.1      | 38.2514 | 32.3249 |
| 2009 | 6     | 21  | 18   | 31     | 28     | 0.3       | 3.6     | 0.96  | 97.5      | 38.2514 | 31.9891 |
| 2009 | 6     | 21  | 18   | 41     | 28     | 0.3       | 3.6     | 1.02  | 97.6      | 38.2514 | 34.2287 |
| 2009 | 6     | 21  | 18   | 51     | 28     | 0.3       | 3.6     | 0.93  | 95.3      | 38.2514 | 31.0937 |
| 2009 | 6     | 21  | 19   | 1      | 28     | 0.3       | 3.6     | 0.96  | 99.3      | 38.2514 | 31.8771 |
| 2009 | 6     | 21  | 19   | 11     | 28     | 0.3       | 3.6     | 0.94  | 95.2      | 38.2514 | 31.4294 |
| 2009 | 6     | 21  | 19   | 21     | 28     | 0.3       | 3.6     | 0.87  | 97.3      | 38.2514 | 29.1919 |
| 2009 | 6     | 21  | 19   | 31     | 28     | 0.3       | 3.6     | 0.93  | 96.7      | 38.2514 | 31.3175 |
| 2009 | 6     | 21  | 19   | 41     | 28     | 0.3       | 3.6     | 0.98  | 98.5      | 38.2514 | 32.5488 |
| 2009 | 6     | 21  | 19   | 51     | 28     | 0.3       | 3.6     | 0.79  | 92.9      | 38.2514 | 26.3978 |
| 2009 | 6     | 21  | 20   | 1      | 28     | 0.3       | 3.6     | 0.86  | 94.4      | 38.2514 | 28.7446 |
| 2009 | 6     | 21  | 20   | 11     | 28     | 0.3       | 3.6     | 0.88  | 96.2      | 38.2514 | 29.5274 |
| 2009 | 6     | 21  | 20   | 21     | 28     | 0.3       | 3.6     | 1     | 97.7      | 38.2514 | 33.4447 |
| 2009 | 6     | 21  | 20   | 31     | 28     | 0.3       | 3.6     | 0.91  | 97.9      | 38.2514 | 30.3104 |
| 2009 | 6     | 21  | 20   | 41     | 28     | 0.3       | 3.6     | 0.92  | 95.5      | 38.2514 | 30.8699 |
| 2009 | 6     | 21  | 20   | 51     | 28     | 0.3       | 3.6     | 0.9   | 98.2      | 38.2514 | 29.9748 |
| 2009 | 6     | 21  | 21   | 1      | 28     | 0.3       | 3.6     | 0.8   | 95.9      | 38.2514 | 26.9563 |
| 2009 | 6     | 21  | 21   | 11     | 28     | 0.3       | 3.6     | 1.01  | 98.6      | 38.2514 | 33.6687 |
| 2009 | 6     | 21  | 21   | 21     | 28     | 0.3       | 3.6     | 0.99  | 96.6      | 38.2514 | 33.3327 |
| 2009 | 6     | 21  | 21   | 31     | 28     | 0.3       | 3.6     | 0.93  | 98.3      | 38.2514 | 31.0937 |
| 2009 | 6     | 21  | 21   | 41     | 28     | 0.3       | 3.6     | 0.9   | 96.5      | 38.2514 | 30.0867 |
| 2009 | 6     | 21  | 21   | 51     | 28     | 0.3       | 3.6     | 0.97  | 97.6      | 38.2161 | 32.294  |
| 2009 | 6     | 21  | 22   | 1      | 28     | 0.3       | 3.6     | 0.99  | 95.9      | 38.2514 | 33.3327 |
| 2009 | 6     | 21  | 22   | 11     | 28     | 0.3       | 3.6     | 0.91  | 96        | 38.2514 | 30.6461 |
| 2009 | 6     | 21  | 22   | 21     | 28     | 0.3       | 3.6     | 0.91  | 96.6      | 38.2514 | 30.6461 |
| 2009 | 6     | 21  | 22   | 31     | 28     | 0.3       | 3.6     | 0.95  | 94.7      | 38.2161 | 31.9585 |
| 2009 | 6     | 21  | 22   | 41     | 28     | 0.3       | 3.6     | 0.97  | 95.4      | 38.2161 | 32.5177 |
| 2009 | 6     | 21  | 22   | 51     | 28     | 0.3       | 3.6     | 0.99  | 99.2      | 38.2161 | 32.9652 |
| 2009 | 6     | 21  | 23   | 1      | 28     | 0.3       | 3.6     | 1.01  | 98.6      | 38.2161 | 33.7484 |
| 2009 | 6     | 21  | 23   | 11     | 28     | 0.3       | 3.6     | 0.92  | 97.8      | 38.2161 | 30.6168 |
| 2009 | 6     | 21  | 23   | 21     | 28     | 0.3       | 3.6     | 0.89  | 97.9      | 38.2161 | 29.611  |
| 2009 | 6     | 21  | 23   | 31     | 28     | 0.3       | 3.6     | 0.99  | 98.2      | 38.2161 | 33.1889 |
| 2009 | 6     | 21  | 23   | 41     | 28     | 0.3       | 3.6     | 0.93  | 97.7      | 38.2161 | 30.9522 |
| 2009 | 6     | 21  | 23   | 51     | 28     | 0.3       | 3.6     | 0.92  | 94.7      | 38.2161 | 30.9522 |
| 2009 | 6     | 22  | 0    | 1      | 28     | 0.3       | 3.6     | 0.79  | 91.9      | 38.2514 | 26.7329 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 22  | 0    | 11     | 28     | 0.3       | 3.6     | 0.81  | 93.7      | 38.2514 | 27.2915 |
| 2009 | 6     | 22  | 0    | 21     | 28     | 0.3       | 3.6     | 0.84  | 93.4      | 38.2514 | 28.2975 |
| 2009 | 6     | 22  | 0    | 31     | 28     | 0.3       | 3.6     | 0.76  | 90.5      | 38.2514 | 25.7276 |
| 2009 | 6     | 22  | 0    | 41     | 28     | 0.3       | 3.6     | 0.81  | 90.7      | 38.2161 | 27.2655 |
| 2009 | 6     | 22  | 0    | 51     | 28     | 0.3       | 3.6     | 0.94  | 96.8      | 38.2514 | 31.5413 |
| 2009 | 6     | 22  | 1    | 1      | 28     | 0.3       | 3.6     | 0.79  | 94.5      | 38.2161 | 26.4841 |
| 2009 | 6     | 22  | 1    | 11     | 28     | 0.3       | 3.6     | 0.83  | 95.5      | 38.2514 | 27.7386 |
| 2009 | 6     | 22  | 1    | 21     | 28     | 0.3       | 3.6     | 0.84  | 93.4      | 38.2514 | 28.1857 |
| 2009 | 6     | 22  | 1    | 31     | 28     | 0.3       | 3.6     | 0.95  | 97.7      | 38.2161 | 31.8467 |
| 2009 | 6     | 22  | 1    | 41     | 28     | 0.3       | 3.6     | 0.81  | 91.6      | 38.2514 | 27.1798 |
| 2009 | 6     | 22  | 1    | 51     | 28     | 0.3       | 3.6     | 0.98  | 96.2      | 38.2514 | 32.7728 |
| 2009 | 6     | 22  | 2    | 1      | 28     | 0.3       | 3.6     | 0.69  | 85.9      | 38.2867 | 23.1801 |
| 2009 | 6     | 22  | 2    | 11     | 28     | 0.3       | 3.6     | 0.88  | 95.1      | 38.2867 | 29.6676 |
| 2009 | 6     | 22  | 2    | 21     | 28     | 0.3       | 3.6     | 0.81  | 93.3      | 38.2867 | 27.0939 |
| 2009 | 6     | 22  | 2    | 31     | 28     | 0.3       | 3.6     | 0.82  | 92.7      | 38.2867 | 27.6532 |
| 2009 | 6     | 22  | 2    | 41     | 28     | 0.3       | 3.6     | 0.85  | 93.1      | 38.322  | 28.5755 |
| 2009 | 6     | 22  | 2    | 51     | 28     | 0.3       | 3.6     | 0.83  | 90.9      | 38.3573 | 28.1544 |
| 2009 | 6     | 22  | 3    | 1      | 28     | 0.3       | 3.6     | 0.96  | 95.1      | 38.3573 | 32.193  |
| 2009 | 6     | 22  | 3    | 11     | 28     | 0.3       | 3.6     | 0.95  | 96.5      | 38.3573 | 31.9685 |
| 2009 | 6     | 22  | 3    | 21     | 28     | 0.3       | 3.6     | 0.9   | 92.9      | 38.3573 | 30.2851 |
| 2009 | 6     | 22  | 3    | 31     | 28     | 0.3       | 3.6     | 0.72  | 89.2      | 38.3925 | 24.2571 |
| 2009 | 6     | 22  | 3    | 41     | 28     | 0.3       | 3.6     | 0.79  | 93.1      | 38.3573 | 26.5855 |
| 2009 | 6     | 22  | 3    | 51     | 28     | 0.3       | 3.6     | 0.83  | 92.3      | 38.3925 | 27.9568 |
| 2009 | 6     | 22  | 4    | 1      | 28     | 0.3       | 3.6     | 0.91  | 93.9      | 38.3925 | 30.8755 |
| 2009 | 6     | 22  | 4    | 11     | 28     | 0.3       | 3.6     | 0.89  | 92.1      | 38.3925 | 30.0894 |
| 2009 | 6     | 22  | 4    | 21     | 28     | 0.3       | 3.6     | 0.82  | 93.2      | 38.3925 | 27.7324 |
| 2009 | 6     | 22  | 4    | 31     | 28     | 0.3       | 3.6     | 0.87  | 95.4      | 38.3925 | 29.1912 |
| 2009 | 6     | 22  | 4    | 41     | 28     | 0.3       | 3.6     | 0.86  | 95.9      | 38.4278 | 28.9943 |
| 2009 | 6     | 22  | 4    | 51     | 28     | 0.3       | 3.6     | 0.79  | 94.5      | 38.4278 | 26.5239 |
| 2009 | 6     | 22  | 5    | 1      | 28     | 0.3       | 3.6     | 0.77  | 93.4      | 38.4278 | 25.9627 |
| 2009 | 6     | 22  | 5    | 11     | 28     | 0.3       | 3.6     | 0.85  | 94.7      | 38.4278 | 28.6573 |
| 2009 | 6     | 22  | 5    | 21     | 28     | 0.3       | 3.6     | 0.96  | 94.9      | 38.4278 | 32.4793 |
| 2009 | 6     | 22  | 5    | 31     | 28     | 0.3       | 3.6     | 0.77  | 92.2      | 38.4278 | 25.8505 |
| 2009 | 6     | 22  | 5    | 41     | 28     | 0.3       | 3.6     | 0.88  | 95.3      | 38.4278 | 29.6685 |
| 2009 | 6     | 22  | 5    | 51     | 28     | 0.3       | 3.6     | 0.89  | 94.4      | 38.4278 | 30.0056 |
| 2009 | 6     | 22  | 6    | 1      | 28     | 0.3       | 3.6     | 0.77  | 93.2      | 38.4278 | 26.0749 |
| 2009 | 6     | 22  | 6    | 11     | 28     | 0.3       | 3.6     | 0.83  | 94.1      | 38.4278 | 27.9834 |
| 2009 | 6     | 22  | 6    | 21     | 28     | 0.3       | 3.6     | 0.82  | 93.7      | 38.4278 | 27.7588 |
| 2009 | 6     | 22  | 6    | 31     | 28     | 0.3       | 3.6     | 0.85  | 95.8      | 38.4278 | 28.5449 |
| 2009 | 6     | 22  | 6    | 41     | 28     | 0.3       | 3.6     | 0.8   | 93.5      | 38.4278 | 26.8606 |
| 2009 | 6     | 22  | 6    | 51     | 28     | 0.3       | 3.6     | 0.82  | 95.5      | 38.4278 | 27.7588 |
| 2009 | 6     | 22  | 7    | 1      | 28     | 0.3       | 3.6     | 0.87  | 97        | 38.4278 | 29.1066 |
| 2009 | 6     | 22  | 7    | 11     | 28     | 0.3       | 3.6     | 0.75  | 90.5      | 38.4278 | 25.2896 |
| 2009 | 6     | 22  | 7    | 21     | 28     | 0.3       | 3.6     | 0.87  | 95.8      | 38.4278 | 29.4437 |
| 2009 | 6     | 22  | 7    | 31     | 28     | 0.3       | 3.6     | 0.92  | 95.9      | 38.4278 | 31.1297 |
| 2009 | 6     | 22  | 7    | 41     | 28     | 0.3       | 3.6     | 0.84  | 93.1      | 38.4278 | 28.5449 |
| 2009 | 6     | 22  | 7    | 51     | 28     | 0.3       | 3.6     | 0.92  | 95.7      | 38.463  | 31.0468 |
| 2009 | 6     | 22  | 8    | 1      | 28     | 0.3       | 3.6     | 0.79  | 91.7      | 38.463  | 26.7738 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 22  | 8    | 11     | 28     | 0.3       | 3.6     | 0.89  | 95.9      | 38.463  | 30.0341 |
| 2009 | 6     | 22  | 8    | 21     | 28     | 0.3       | 3.6     | 0.9   | 95.6      | 38.463  | 30.4841 |
| 2009 | 6     | 22  | 8    | 31     | 28     | 0.3       | 3.6     | 0.86  | 93.1      | 38.463  | 29.1343 |
| 2009 | 6     | 22  | 8    | 41     | 28     | 0.3       | 3.6     | 0.81  | 95.8      | 38.463  | 27.448  |
| 2009 | 6     | 22  | 8    | 51     | 28     | 0.3       | 3.6     | 0.94  | 94.6      | 38.463  | 31.7221 |
| 2009 | 6     | 22  | 9    | 1      | 28     | 0.3       | 3.6     | 0.81  | 91.2      | 38.463  | 27.448  |
| 2009 | 6     | 22  | 9    | 11     | 28     | 0.3       | 3.6     | 0.73  | 91        | 38.463  | 24.5278 |
| 2009 | 6     | 22  | 9    | 21     | 28     | 0.3       | 3.6     | 0.95  | 95.9      | 38.463  | 32.0598 |
| 2009 | 6     | 22  | 9    | 31     | 28     | 0.3       | 3.6     | 0.79  | 92.6      | 38.463  | 26.6614 |
| 2009 | 6     | 22  | 9    | 41     | 28     | 0.3       | 3.6     | 0.91  | 95.8      | 38.463  | 30.7092 |
| 2009 | 6     | 22  | 9    | 51     | 28     | 0.3       | 3.6     | 0.89  | 94.9      | 38.463  | 30.0341 |
| 2009 | 6     | 22  | 10   | 1      | 28     | 0.3       | 3.6     | 0.9   | 94.4      | 38.463  | 30.3716 |
| 2009 | 6     | 22  | 10   | 11     | 28     | 0.3       | 3.6     | 0.88  | 97.3      | 38.463  | 29.5842 |
| 2009 | 6     | 22  | 10   | 21     | 28     | 0.3       | 3.6     | 0.86  | 94        | 38.463  | 28.9094 |
| 2009 | 6     | 22  | 10   | 31     | 28     | 0.3       | 3.6     | 0.92  | 96.7      | 38.463  | 31.0468 |
| 2009 | 6     | 22  | 10   | 41     | 28     | 0.3       | 3.6     | 0.93  | 95.9      | 38.463  | 31.497  |
| 2009 | 6     | 22  | 10   | 51     | 28     | 0.3       | 3.6     | 0.91  | 93.5      | 38.463  | 30.7092 |
| 2009 | 6     | 22  | 11   | 1      | 28     | 0.3       | 3.6     | 0.84  | 92.7      | 38.463  | 28.5721 |
| 2009 | 6     | 22  | 11   | 11     | 28     | 0.3       | 3.6     | 0.92  | 97        | 38.4983 | 30.851  |
| 2009 | 6     | 22  | 11   | 21     | 28     | 0.3       | 3.6     | 0.97  | 95.7      | 38.4983 | 32.6537 |
| 2009 | 6     | 22  | 11   | 31     | 28     | 0.3       | 3.6     | 0.96  | 97.6      | 38.4983 | 32.4283 |
| 2009 | 6     | 22  | 11   | 41     | 28     | 0.3       | 3.6     | 0.94  | 97.6      | 38.4983 | 31.7522 |
| 2009 | 6     | 22  | 11   | 51     | 28     | 0.3       | 3.6     | 0.93  | 95.5      | 38.4983 | 31.4142 |
| 2009 | 6     | 22  | 12   | 1      | 28     | 0.3       | 3.6     | 0.98  | 99.4      | 38.4983 | 32.9918 |
| 2009 | 6     | 22  | 12   | 11     | 28     | 0.3       | 3.6     | 0.85  | 94.4      | 38.4983 | 28.7117 |
| 2009 | 6     | 22  | 12   | 21     | 28     | 0.3       | 3.6     | 0.92  | 96.7      | 38.4983 | 31.1889 |
| 2009 | 6     | 22  | 12   | 31     | 28     | 0.3       | 3.6     | 0.89  | 93.4      | 38.4983 | 30.0626 |
| 2009 | 6     | 22  | 12   | 41     | 28     | 0.3       | 3.6     | 0.87  | 95.9      | 38.4983 | 29.2745 |
| 2009 | 6     | 22  | 12   | 51     | 28     | 0.3       | 3.6     | 0.97  | 96.2      | 38.5335 | 32.9103 |
| 2009 | 6     | 22  | 13   | 1      | 28     | 0.3       | 3.6     | 0.96  | 96.9      | 38.5335 | 32.2334 |
| 2009 | 6     | 22  | 13   | 11     | 28     | 0.3       | 3.6     | 0.98  | 97.1      | 38.5335 | 33.1359 |
| 2009 | 6     | 22  | 13   | 21     | 28     | 0.3       | 3.6     | 0.98  | 99.1      | 38.5335 | 32.7975 |
| 2009 | 6     | 22  | 13   | 31     | 28     | 0.3       | 3.6     | 0.97  | 96.8      | 38.5335 | 32.7975 |
| 2009 | 6     | 22  | 13   | 41     | 28     | 0.3       | 3.6     | 0.99  | 98.3      | 38.5335 | 33.4744 |
| 2009 | 6     | 22  | 13   | 51     | 28     | 0.3       | 3.6     | 0.96  | 99.2      | 38.5335 | 32.3462 |
| 2009 | 6     | 22  | 14   | 1      | 28     | 0.3       | 3.6     | 0.92  | 96.3      | 38.5335 | 31.1057 |
| 2009 | 6     | 22  | 14   | 11     | 28     | 0.3       | 3.6     | 0.95  | 98.9      | 38.5687 | 31.9253 |
| 2009 | 6     | 22  | 14   | 21     | 28     | 0.3       | 3.6     | 0.93  | 95.9      | 38.5687 | 31.5866 |
| 2009 | 6     | 22  | 14   | 31     | 28     | 0.3       | 3.6     | 0.98  | 97.5      | 38.5687 | 33.1673 |
| 2009 | 6     | 22  | 14   | 41     | 28     | 0.3       | 3.6     | 0.92  | 99.1      | 38.5687 | 30.7966 |
| 2009 | 6     | 22  | 14   | 51     | 28     | 0.3       | 3.6     | 0.94  | 96.2      | 38.5687 | 31.9253 |
| 2009 | 6     | 22  | 15   | 1      | 28     | 0.3       | 3.6     | 0.95  | 96.8      | 38.5687 | 32.0382 |
| 2009 | 6     | 22  | 15   | 11     | 28     | 0.3       | 3.6     | 0.92  | 97.4      | 38.5687 | 31.1352 |
| 2009 | 6     | 22  | 15   | 21     | 28     | 0.3       | 3.6     | 0.91  | 97.7      | 38.5687 | 30.6838 |
| 2009 | 6     | 22  | 15   | 31     | 28     | 0.3       | 3.6     | 0.95  | 98.4      | 38.5687 | 31.9253 |
| 2009 | 6     | 22  | 15   | 41     | 28     | 0.3       | 3.6     | 0.95  | 96.7      | 38.5687 | 32.1511 |
| 2009 | 6     | 22  | 15   | 51     | 28     | 0.3       | 3.6     | 0.94  | 98.4      | 38.5687 | 31.5866 |
| 2009 | 6     | 22  | 16   | 1      | 28     | 0.3       | 3.6     | 0.95  | 95.4      | 38.5687 | 32.0382 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 22  | 16   | 11     | 28     | 0.3       | 3.6     | 0.94  | 96        | 38.6039 | 31.8425 |
| 2009 | 6     | 22  | 16   | 21     | 28     | 0.3       | 3.6     | 0.96  | 96.3      | 38.5687 | 32.3769 |
| 2009 | 6     | 22  | 16   | 31     | 28     | 0.3       | 3.6     | 0.84  | 99.7      | 38.6039 | 28.0035 |
| 2009 | 6     | 22  | 16   | 41     | 28     | 0.3       | 3.6     | 0.94  | 99.2      | 38.6039 | 31.7295 |
| 2009 | 6     | 22  | 16   | 51     | 28     | 0.3       | 3.6     | 0.94  | 97.1      | 38.6039 | 31.6165 |
| 2009 | 6     | 22  | 17   | 1      | 28     | 0.3       | 3.6     | 0.98  | 96.5      | 38.6039 | 33.1987 |
| 2009 | 6     | 22  | 17   | 11     | 28     | 0.3       | 3.6     | 0.9   | 95.6      | 38.6039 | 30.5998 |
| 2009 | 6     | 22  | 17   | 21     | 28     | 0.3       | 3.6     | 0.9   | 95        | 38.6039 | 30.374  |
| 2009 | 6     | 22  | 17   | 31     | 28     | 0.3       | 3.6     | 0.96  | 96.6      | 38.6039 | 32.6335 |
| 2009 | 6     | 22  | 17   | 41     | 28     | 0.3       | 3.6     | 1.01  | 97.5      | 38.6039 | 34.1032 |
| 2009 | 6     | 22  | 17   | 51     | 28     | 0.3       | 3.6     | 0.99  | 97.8      | 38.6039 | 33.4248 |
| 2009 | 6     | 23  | 10   | 30     | 50     | 0.3       | 3.6     | 0.94  | 96        | 38.9205 | 31.9992 |
| 2009 | 6     | 23  | 10   | 40     | 50     | 0.3       | 3.6     | 0.86  | 95.5      | 38.9557 | 29.4071 |
| 2009 | 6     | 23  | 10   | 50     | 50     | 0.3       | 3.6     | 0.96  | 97.3      | 38.9557 | 32.5994 |
| 2009 | 6     | 23  | 11   | 0      | 50     | 0.3       | 3.6     | 0.92  | 94.7      | 38.9557 | 31.687  |
| 2009 | 6     | 23  | 11   | 10     | 50     | 0.3       | 3.6     | 0.95  | 99        | 38.9557 | 32.1432 |
| 2009 | 6     | 23  | 11   | 20     | 50     | 0.3       | 3.6     | 0.94  | 95.2      | 38.9557 | 32.1432 |
| 2009 | 6     | 23  | 11   | 30     | 50     | 0.3       | 3.6     | 1     | 97.3      | 38.9557 | 34.1969 |
| 2009 | 6     | 23  | 11   | 40     | 50     | 0.3       | 3.6     | 0.96  | 97.5      | 38.9557 | 32.5994 |
| 2009 | 6     | 23  | 11   | 50     | 50     | 0.3       | 3.6     | 0.96  | 97.1      | 38.9557 | 32.8276 |
| 2009 | 6     | 23  | 12   | 0      | 50     | 0.3       | 3.6     | 0.94  | 96        | 38.9557 | 32.0291 |
| 2009 | 6     | 23  | 12   | 5      | 59     | 0.3       | 3.6     | 0.94  | 98.4      | 38.9908 | 32.059  |
| 2009 | 6     | 23  | 12   | 15     | 59     | 0.3       | 3.6     | 0.98  | 96        | 38.9908 | 33.5435 |
| 2009 | 6     | 23  | 12   | 25     | 59     | 0.3       | 3.6     | 0.9   | 100.3     | 38.9557 | 30.4328 |
| 2009 | 6     | 23  | 12   | 35     | 59     | 0.3       | 3.6     | 1     | 97.9      | 38.9557 | 34.0828 |
| 2009 | 6     | 23  | 12   | 45     | 59     | 0.3       | 3.6     | 1     | 98.1      | 38.9908 | 34.0004 |
| 2009 | 6     | 23  | 12   | 55     | 59     | 0.3       | 3.6     | 0.98  | 97.5      | 38.9908 | 33.5435 |
| 2009 | 6     | 23  | 13   | 5      | 59     | 0.3       | 3.6     | 0.94  | 95.8      | 38.9908 | 32.1732 |
| 2009 | 6     | 23  | 13   | 15     | 59     | 0.3       | 3.6     | 0.95  | 97.7      | 38.9908 | 32.4015 |
| 2009 | 6     | 23  | 13   | 25     | 59     | 0.3       | 3.6     | 0.96  | 98.5      | 38.9908 | 32.5157 |
| 2009 | 6     | 23  | 13   | 35     | 59     | 0.3       | 3.6     | 0.95  | 100.2     | 38.9908 | 32.059  |
| 2009 | 6     | 23  | 13   | 45     | 59     | 0.3       | 3.6     | 0.99  | 96.3      | 38.9908 | 33.7719 |
| 2009 | 6     | 23  | 13   | 55     | 59     | 0.3       | 3.6     | 0.98  | 101.8     | 38.9908 | 32.9725 |
| 2009 | 6     | 23  | 14   | 5      | 59     | 0.3       | 3.6     | 0.93  | 98.4      | 38.9908 | 31.4883 |
| 2009 | 6     | 23  | 14   | 15     | 59     | 0.3       | 3.6     | 0.94  | 98.6      | 39.0259 | 31.9747 |
| 2009 | 6     | 23  | 14   | 25     | 59     | 0.3       | 3.6     | 1     | 96.6      | 39.0259 | 34.2608 |
| 2009 | 6     | 23  | 14   | 35     | 59     | 0.3       | 3.6     | 0.95  | 96.7      | 39.0259 | 32.5461 |
| 2009 | 6     | 23  | 14   | 45     | 59     | 0.3       | 3.6     | 0.96  | 96.3      | 39.0259 | 33.0032 |
| 2009 | 6     | 23  | 14   | 55     | 59     | 0.3       | 3.6     | 0.93  | 98.8      | 39.0259 | 31.5177 |
| 2009 | 6     | 23  | 15   | 5      | 59     | 0.3       | 3.6     | 0.92  | 99.4      | 39.0259 | 31.4035 |
| 2009 | 6     | 23  | 15   | 15     | 59     | 0.3       | 3.6     | 0.95  | 98.6      | 39.0259 | 32.3175 |
| 2009 | 6     | 23  | 15   | 25     | 59     | 0.3       | 3.6     | 0.99  | 98        | 39.0259 | 33.6891 |
| 2009 | 6     | 23  | 15   | 35     | 59     | 0.3       | 3.6     | 0.98  | 97.7      | 39.0259 | 33.3462 |
| 2009 | 6     | 23  | 15   | 45     | 59     | 0.3       | 3.6     | 0.99  | 98        | 39.0259 | 33.6891 |
| 2009 | 6     | 23  | 15   | 55     | 59     | 0.3       | 3.6     | 0.95  | 97.8      | 39.0259 | 32.3175 |
| 2009 | 6     | 23  | 16   | 5      | 59     | 0.3       | 3.6     | 0.96  | 95.5      | 39.0259 | 32.8889 |
| 2009 | 6     | 23  | 16   | 15     | 59     | 0.3       | 3.6     | 0.93  | 97.7      | 39.0259 | 31.7462 |
| 2009 | 6     | 23  | 16   | 25     | 59     | 0.3       | 3.6     | 1.02  | 98        | 39.0259 | 34.7182 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 23  | 16   | 35     | 59     | 0.3       | 3.6     | 0.91  | 96.2      | 39.0259 | 31.2892 |
| 2009 | 6     | 23  | 16   | 45     | 59     | 0.3       | 3.6     | 0.91  | 100.8     | 39.0259 | 30.8323 |
| 2009 | 6     | 23  | 16   | 55     | 59     | 0.3       | 3.6     | 0.96  | 96.4      | 39.0259 | 33.0032 |
| 2009 | 6     | 23  | 17   | 5      | 59     | 0.3       | 3.6     | 0.92  | 99.1      | 39.0259 | 31.175  |
| 2009 | 6     | 23  | 17   | 15     | 59     | 0.3       | 3.6     | 0.98  | 96.5      | 39.0259 | 33.6891 |
| 2009 | 6     | 23  | 17   | 25     | 59     | 0.3       | 3.6     | 0.94  | 100.2     | 39.0259 | 31.9747 |
| 2009 | 6     | 23  | 17   | 35     | 59     | 0.3       | 3.6     | 1.03  | 96.9      | 38.9908 | 35.3715 |
| 2009 | 6     | 23  | 17   | 45     | 59     | 0.3       | 3.6     | 0.95  | 94.7      | 39.0259 | 32.6604 |
| 2009 | 6     | 23  | 17   | 55     | 59     | 0.3       | 3.6     | 0.9   | 96        | 39.0259 | 30.9466 |
| 2009 | 6     | 23  | 18   | 5      | 59     | 0.3       | 3.6     | 1.02  | 98.7      | 39.0259 | 34.7182 |
| 2009 | 6     | 23  | 18   | 15     | 59     | 0.3       | 3.6     | 1.02  | 97.4      | 39.0259 | 34.7182 |
| 2009 | 6     | 23  | 18   | 25     | 59     | 0.3       | 3.6     | 0.94  | 97.6      | 39.0259 | 32.089  |
| 2009 | 6     | 23  | 18   | 35     | 59     | 0.3       | 3.6     | 0.97  | 98.3      | 39.0259 | 33.1175 |
| 2009 | 6     | 23  | 18   | 45     | 59     | 0.3       | 3.6     | 0.96  | 97.5      | 39.0259 | 32.6604 |
| 2009 | 6     | 23  | 18   | 55     | 59     | 0.3       | 3.6     | 0.99  | 99.2      | 38.9908 | 33.6577 |
| 2009 | 6     | 23  | 19   | 5      | 59     | 0.3       | 3.6     | 0.95  | 96.4      | 39.0259 | 32.4318 |
| 2009 | 6     | 23  | 19   | 15     | 59     | 0.3       | 3.6     | 0.98  | 97.1      | 39.0259 | 33.3462 |
| 2009 | 6     | 23  | 19   | 25     | 59     | 0.3       | 3.6     | 0.94  | 95        | 39.0259 | 32.089  |
| 2009 | 6     | 23  | 19   | 35     | 59     | 0.3       | 3.6     | 1     | 98.9      | 39.0259 | 33.9178 |
| 2009 | 6     | 23  | 19   | 45     | 59     | 0.3       | 3.6     | 0.96  | 97.3      | 39.0259 | 32.7746 |
| 2009 | 6     | 23  | 19   | 55     | 59     | 0.3       | 3.6     | 1.01  | 96.5      | 39.0259 | 34.7182 |
| 2009 | 6     | 23  | 20   | 5      | 59     | 0.3       | 3.6     | 0.98  | 96.6      | 39.0259 | 33.4605 |
| 2009 | 6     | 23  | 20   | 15     | 59     | 0.3       | 3.6     | 0.97  | 96.8      | 39.0259 | 33.3462 |
| 2009 | 6     | 23  | 20   | 25     | 59     | 0.3       | 3.6     | 1     | 97.8      | 39.0259 | 34.0321 |
| 2009 | 6     | 23  | 20   | 35     | 59     | 0.3       | 3.6     | 0.91  | 95.8      | 39.0259 | 31.175  |
| 2009 | 6     | 23  | 20   | 45     | 59     | 0.3       | 3.6     | 0.82  | 93.9      | 39.0259 | 28.0926 |
| 2009 | 6     | 23  | 20   | 55     | 59     | 0.3       | 3.6     | 0.93  | 94.9      | 39.0259 | 31.7462 |
| 2009 | 6     | 23  | 21   | 5      | 59     | 0.3       | 3.6     | 0.95  | 95.7      | 39.0259 | 32.5461 |
| 2009 | 6     | 23  | 21   | 15     | 59     | 0.3       | 3.6     | 0.76  | 90.7      | 39.0259 | 26.2677 |
| 2009 | 6     | 23  | 21   | 25     | 59     | 0.3       | 3.6     | 0.87  | 94.3      | 39.0259 | 29.8046 |
| 2009 | 6     | 23  | 21   | 35     | 59     | 0.3       | 3.6     | 0.75  | 89.2      | 39.0259 | 25.8117 |
| 2009 | 6     | 23  | 21   | 45     | 59     | 0.3       | 3.6     | 1     | 95.1      | 39.0259 | 34.4895 |
| 2009 | 6     | 23  | 21   | 55     | 59     | 0.3       | 3.6     | 0.76  | 91.2      | 39.0259 | 26.0397 |
| 2009 | 6     | 23  | 22   | 5      | 59     | 0.3       | 3.6     | 0.91  | 95        | 39.0259 | 31.0608 |
| 2009 | 6     | 23  | 22   | 15     | 59     | 0.3       | 3.6     | 0.88  | 95.1      | 39.0259 | 30.1471 |
| 2009 | 6     | 23  | 22   | 25     | 59     | 0.3       | 3.6     | 0.94  | 93.4      | 38.9908 | 32.1732 |
| 2009 | 6     | 23  | 22   | 35     | 59     | 0.3       | 3.6     | 0.85  | 94.4      | 38.9908 | 28.9785 |
| 2009 | 6     | 23  | 22   | 45     | 59     | 0.3       | 3.6     | 0.88  | 96.4      | 39.0259 | 30.1471 |
| 2009 | 6     | 23  | 22   | 55     | 59     | 0.3       | 3.6     | 0.83  | 94.1      | 39.0259 | 28.3208 |
| 2009 | 6     | 23  | 23   | 5      | 59     | 0.3       | 3.6     | 0.84  | 94.2      | 39.0259 | 28.8914 |
| 2009 | 6     | 23  | 23   | 15     | 59     | 0.3       | 3.6     | 0.81  | 94        | 38.9908 | 27.6104 |
| 2009 | 6     | 23  | 23   | 25     | 59     | 0.3       | 3.6     | 0.94  | 96.8      | 39.0259 | 32.089  |
| 2009 | 6     | 23  | 23   | 35     | 59     | 0.3       | 3.6     | 0.86  | 90        | 38.9908 | 29.4346 |
| 2009 | 6     | 23  | 23   | 45     | 59     | 0.3       | 3.6     | 0.89  | 94.2      | 38.9908 | 30.4613 |
| 2009 | 6     | 23  | 23   | 55     | 59     | 0.3       | 3.6     | 0.96  | 97.8      | 38.9908 | 32.8583 |
| 2009 | 6     | 24  | 0    | 5      | 59     | 0.3       | 3.6     | 0.79  | 91.4      | 38.9908 | 27.1546 |
| 2009 | 6     | 24  | 0    | 15     | 59     | 0.3       | 3.6     | 0.87  | 94.1      | 38.9908 | 29.8909 |
| 2009 | 6     | 24  | 0    | 25     | 59     | 0.3       | 3.6     | 0.94  | 96        | 38.9908 | 32.2874 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 24  | 0    | 35     | 59     | 0.3       | 3.6     | 0.92  | 96.7      | 38.9908 | 31.6024 |
| 2009 | 6     | 24  | 0    | 45     | 59     | 0.3       | 3.6     | 0.93  | 92.6      | 38.9908 | 31.8307 |
| 2009 | 6     | 24  | 0    | 55     | 59     | 0.3       | 3.6     | 0.88  | 93.6      | 38.9908 | 30.2331 |
| 2009 | 6     | 24  | 1    | 5      | 59     | 0.3       | 3.6     | 0.94  | 93.8      | 39.0259 | 32.3175 |
| 2009 | 6     | 24  | 1    | 15     | 59     | 0.3       | 3.6     | 0.87  | 94.5      | 38.9908 | 29.7768 |
| 2009 | 6     | 24  | 1    | 25     | 59     | 0.3       | 3.6     | 0.87  | 95.9      | 38.9908 | 29.6627 |
| 2009 | 6     | 24  | 1    | 35     | 59     | 0.3       | 3.6     | 0.87  | 96        | 38.9908 | 29.8909 |
| 2009 | 6     | 24  | 1    | 45     | 59     | 0.3       | 3.6     | 0.85  | 94.4      | 39.0259 | 29.1197 |
| 2009 | 6     | 24  | 1    | 55     | 59     | 0.3       | 3.6     | 0.99  | 98.4      | 38.9908 | 33.6577 |
| 2009 | 6     | 24  | 2    | 5      | 59     | 0.3       | 3.6     | 0.94  | 97        | 39.0259 | 32.089  |
| 2009 | 6     | 24  | 2    | 15     | 59     | 0.3       | 3.6     | 0.94  | 98.2      | 39.0259 | 31.9747 |
| 2009 | 6     | 24  | 2    | 25     | 59     | 0.3       | 3.6     | 0.83  | 93.2      | 39.0259 | 28.549  |
| 2009 | 6     | 24  | 2    | 35     | 59     | 0.3       | 3.6     | 0.89  | 95.9      | 39.0259 | 30.4897 |
| 2009 | 6     | 24  | 2    | 45     | 59     | 0.3       | 3.6     | 0.93  | 92.2      | 39.0259 | 31.8605 |
| 2009 | 6     | 24  | 2    | 55     | 59     | 0.3       | 3.6     | 0.85  | 93.8      | 39.0259 | 29.1197 |
| 2009 | 6     | 24  | 3    | 5      | 59     | 0.3       | 3.6     | 0.81  | 90.5      | 39.0259 | 27.7503 |
| 2009 | 6     | 24  | 3    | 15     | 59     | 0.3       | 3.6     | 0.92  | 92.9      | 39.0259 | 31.7462 |
| 2009 | 6     | 24  | 3    | 25     | 59     | 0.3       | 3.6     | 0.8   | 93        | 39.0259 | 27.6362 |
| 2009 | 6     | 24  | 3    | 35     | 59     | 0.3       | 3.6     | 0.9   | 95        | 39.0259 | 30.7181 |
| 2009 | 6     | 24  | 3    | 45     | 59     | 0.3       | 3.6     | 0.85  | 96        | 39.0259 | 29.2338 |
| 2009 | 6     | 24  | 3    | 55     | 59     | 0.3       | 3.6     | 0.97  | 96.8      | 39.0259 | 33.3462 |
| 2009 | 6     | 24  | 4    | 5      | 59     | 0.3       | 3.6     | 0.93  | 99.2      | 39.0259 | 31.5177 |
| 2009 | 6     | 24  | 4    | 15     | 59     | 0.3       | 3.6     | 0.87  | 96        | 39.061  | 29.9467 |
| 2009 | 6     | 24  | 4    | 25     | 59     | 0.3       | 3.6     | 0.84  | 93.8      | 39.061  | 28.9183 |
| 2009 | 6     | 24  | 4    | 35     | 59     | 0.3       | 3.6     | 0.89  | 95.9      | 39.0961 | 30.5466 |
| 2009 | 6     | 24  | 4    | 45     | 59     | 0.3       | 3.6     | 0.83  | 95.5      | 39.0961 | 28.3736 |
| 2009 | 6     | 24  | 4    | 55     | 59     | 0.3       | 3.6     | 0.96  | 95.1      | 39.0961 | 32.9503 |
| 2009 | 6     | 24  | 5    | 5      | 59     | 0.3       | 3.6     | 0.75  | 91.3      | 39.1313 | 25.8839 |
| 2009 | 6     | 24  | 5    | 15     | 59     | 0.3       | 3.6     | 0.92  | 94.7      | 39.1313 | 31.835  |
| 2009 | 6     | 24  | 5    | 25     | 59     | 0.3       | 3.6     | 0.99  | 99.3      | 39.0961 | 33.7519 |
| 2009 | 6     | 24  | 5    | 35     | 59     | 0.3       | 3.6     | 0.91  | 97.9      | 39.1663 | 31.062  |
| 2009 | 6     | 24  | 5    | 45     | 59     | 0.3       | 3.6     | 0.76  | 91.7      | 39.1313 | 26.1125 |
| 2009 | 6     | 24  | 5    | 55     | 59     | 0.3       | 3.6     | 0.79  | 91.9      | 39.1313 | 27.1416 |
| 2009 | 6     | 24  | 6    | 5      | 59     | 0.3       | 3.6     | 0.9   | 97.2      | 39.1313 | 30.6895 |
| 2009 | 6     | 24  | 6    | 15     | 59     | 0.3       | 3.6     | 1     | 99.4      | 39.1313 | 34.242  |
| 2009 | 6     | 24  | 6    | 25     | 59     | 0.3       | 3.6     | 0.88  | 97.3      | 39.1663 | 30.0304 |
| 2009 | 6     | 24  | 6    | 35     | 59     | 0.3       | 3.6     | 0.92  | 96.3      | 39.1663 | 31.7499 |
| 2009 | 6     | 24  | 6    | 45     | 59     | 0.3       | 3.6     | 0.87  | 93.7      | 39.1663 | 30.0304 |
| 2009 | 6     | 24  | 6    | 55     | 59     | 0.3       | 3.6     | 0.95  | 96.9      | 39.1663 | 32.6674 |
| 2009 | 6     | 24  | 7    | 5      | 59     | 0.3       | 3.6     | 0.91  | 96.7      | 39.1663 | 31.062  |
| 2009 | 6     | 24  | 7    | 15     | 59     | 0.3       | 3.6     | 0.94  | 96.4      | 39.1663 | 32.438  |
| 2009 | 6     | 24  | 7    | 25     | 59     | 0.3       | 3.6     | 0.76  | 93.2      | 39.1663 | 26.1368 |
| 2009 | 6     | 24  | 7    | 35     | 59     | 0.3       | 3.6     | 0.88  | 94.9      | 39.1663 | 30.3742 |
| 2009 | 6     | 24  | 7    | 45     | 59     | 0.3       | 3.6     | 0.92  | 95.3      | 39.1663 | 31.5206 |
| 2009 | 6     | 24  | 7    | 55     | 59     | 0.3       | 3.6     | 0.9   | 94.6      | 39.1663 | 30.8327 |
| 2009 | 6     | 24  | 8    | 5      | 59     | 0.3       | 3.6     | 0.97  | 95.1      | 39.1663 | 33.3558 |
| 2009 | 6     | 24  | 8    | 15     | 59     | 0.3       | 3.6     | 0.95  | 96.7      | 39.1663 | 32.7822 |
| 2009 | 6     | 24  | 8    | 25     | 59     | 0.3       | 3.6     | 0.96  | 93.9      | 39.1663 | 33.1263 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 24  | 8    | 35     | 59     | 0.3       | 3.6     | 0.95  | 97.1      | 39.1663 | 32.5527 |
| 2009 | 6     | 24  | 8    | 45     | 59     | 0.3       | 3.6     | 0.95  | 98.3      | 39.1663 | 32.6674 |
| 2009 | 6     | 24  | 8    | 55     | 59     | 0.3       | 3.6     | 0.92  | 95.3      | 39.1663 | 31.6353 |
| 2009 | 6     | 24  | 9    | 5      | 59     | 0.3       | 3.6     | 0.98  | 97.7      | 39.1663 | 33.7    |
| 2009 | 6     | 24  | 9    | 15     | 59     | 0.3       | 3.6     | 1.03  | 99        | 39.1663 | 35.0773 |
| 2009 | 6     | 24  | 9    | 25     | 59     | 0.3       | 3.6     | 0.95  | 95        | 39.1663 | 32.5527 |
| 2009 | 6     | 24  | 9    | 35     | 59     | 0.3       | 3.6     | 0.9   | 99.4      | 39.1663 | 30.8327 |
| 2009 | 6     | 24  | 9    | 45     | 59     | 0.3       | 3.6     | 0.84  | 95.4      | 39.2014 | 29.0261 |
| 2009 | 6     | 24  | 9    | 55     | 59     | 0.3       | 3.6     | 0.93  | 97.7      | 39.1663 | 31.9793 |
| 2009 | 6     | 24  | 10   | 5      | 59     | 0.3       | 3.6     | 0.93  | 98.1      | 39.1663 | 31.9793 |
| 2009 | 6     | 24  | 10   | 15     | 59     | 0.3       | 3.6     | 0.96  | 96.7      | 39.1663 | 33.0116 |
| 2009 | 6     | 24  | 10   | 25     | 59     | 0.3       | 3.6     | 0.91  | 96.8      | 39.1663 | 31.2913 |
| 2009 | 6     | 24  | 10   | 35     | 59     | 0.3       | 3.6     | 0.96  | 98.9      | 39.1663 | 32.7822 |
| 2009 | 6     | 24  | 10   | 45     | 59     | 0.3       | 3.6     | 0.96  | 97.3      | 39.1663 | 32.8969 |
| 2009 | 6     | 24  | 10   | 55     | 59     | 0.3       | 3.6     | 0.97  | 97.2      | 39.1663 | 33.1263 |
| 2009 | 6     | 24  | 11   | 5      | 59     | 0.3       | 3.6     | 0.95  | 98.4      | 39.1663 | 32.3233 |
| 2009 | 6     | 24  | 11   | 15     | 59     | 0.3       | 3.6     | 1.01  | 98.9      | 39.1313 | 34.586  |
| 2009 | 6     | 24  | 11   | 25     | 59     | 0.3       | 3.6     | 0.96  | 97.3      | 39.1313 | 32.8663 |
| 2009 | 6     | 24  | 11   | 35     | 59     | 0.3       | 3.6     | 0.92  | 101.5     | 39.1313 | 31.1477 |
| 2009 | 6     | 24  | 11   | 45     | 59     | 0.3       | 3.6     | 0.96  | 100.3     | 39.0961 | 32.4923 |
| 2009 | 6     | 24  | 11   | 55     | 59     | 0.3       | 3.6     | 0.99  | 97        | 39.061  | 34.0639 |
| 2009 | 6     | 24  | 12   | 5      | 59     | 0.3       | 3.6     | 1.01  | 97.3      | 39.0259 | 34.6039 |
| 2009 | 6     | 24  | 12   | 15     | 59     | 0.3       | 3.6     | 1     | 97.9      | 39.061  | 34.1783 |
| 2009 | 6     | 24  | 12   | 25     | 59     | 0.3       | 3.6     | 0.9   | 96.7      | 39.061  | 30.8611 |
| 2009 | 6     | 24  | 12   | 35     | 59     | 0.3       | 3.6     | 0.92  | 97        | 39.061  | 31.3184 |
| 2009 | 6     | 24  | 12   | 45     | 59     | 0.3       | 3.6     | 1.01  | 97.3      | 39.0259 | 34.6039 |
| 2009 | 6     | 24  | 12   | 55     | 59     | 0.3       | 3.6     | 0.98  | 97.7      | 39.0259 | 33.5748 |
| 2009 | 6     | 24  | 13   | 5      | 59     | 0.3       | 3.6     | 0.89  | 98.5      | 39.0259 | 30.3755 |
| 2009 | 6     | 24  | 13   | 15     | 59     | 0.3       | 3.6     | 0.9   | 98.4      | 39.0259 | 30.6039 |
| 2009 | 6     | 24  | 13   | 25     | 59     | 0.3       | 3.6     | 1.04  | 98.3      | 39.0259 | 35.5189 |
| 2009 | 6     | 24  | 13   | 35     | 59     | 0.3       | 3.6     | 0.99  | 98.2      | 39.0259 | 33.8034 |
| 2009 | 6     | 24  | 13   | 45     | 59     | 0.3       | 3.6     | 0.97  | 96.8      | 39.0259 | 33.2318 |
| 2009 | 6     | 24  | 13   | 55     | 59     | 0.3       | 3.6     | 0.99  | 98.7      | 39.0259 | 33.8034 |
| 2009 | 6     | 24  | 14   | 5      | 59     | 0.3       | 3.6     | 0.98  | 96.1      | 39.0259 | 33.6891 |
| 2009 | 6     | 24  | 14   | 15     | 59     | 0.3       | 3.6     | 0.99  | 99.4      | 39.0259 | 33.5748 |
| 2009 | 6     | 24  | 14   | 25     | 59     | 0.3       | 3.6     | 0.95  | 97.9      | 39.0259 | 32.5461 |
| 2009 | 6     | 24  | 14   | 35     | 59     | 0.3       | 3.6     | 0.97  | 99.1      | 39.0259 | 33.1175 |
| 2009 | 6     | 24  | 14   | 45     | 59     | 0.3       | 3.6     | 0.9   | 96        | 39.0259 | 30.9466 |
| 2009 | 6     | 24  | 14   | 55     | 59     | 0.3       | 3.6     | 0.94  | 97.6      | 39.0259 | 31.9747 |
| 2009 | 6     | 24  | 15   | 5      | 59     | 0.3       | 3.6     | 0.95  | 97.5      | 39.0259 | 32.5461 |
| 2009 | 6     | 24  | 15   | 15     | 59     | 0.3       | 3.6     | 0.93  | 98.1      | 39.0259 | 31.632  |
| 2009 | 6     | 24  | 15   | 25     | 59     | 0.3       | 3.6     | 0.95  | 96.4      | 38.9908 | 32.4015 |
| 2009 | 6     | 24  | 15   | 35     | 59     | 0.3       | 3.6     | 0.95  | 99.3      | 39.0259 | 32.4318 |
| 2009 | 6     | 24  | 15   | 45     | 59     | 0.3       | 3.6     | 0.97  | 97        | 38.9908 | 33.2009 |
| 2009 | 6     | 24  | 15   | 55     | 59     | 0.3       | 3.6     | 1.01  | 96        | 38.9557 | 34.5393 |
| 2009 | 6     | 24  | 16   | 5      | 59     | 0.3       | 3.6     | 0.97  | 97.2      | 38.9908 | 33.0867 |
| 2009 | 6     | 24  | 16   | 15     | 59     | 0.3       | 3.6     | 0.9   | 97.5      | 38.9908 | 30.8036 |
| 2009 | 6     | 24  | 16   | 25     | 59     | 0.3       | 3.6     | 0.98  | 96.9      | 38.9908 | 33.5435 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 24  | 16   | 35     | 59     | 0.3       | 3.6     | 0.98  | 96.9      | 38.9908 | 33.4293 |
| 2009 | 6     | 24  | 16   | 45     | 59     | 0.3       | 3.6     | 0.98  | 97.9      | 38.9908 | 33.4293 |
| 2009 | 6     | 24  | 16   | 55     | 59     | 0.3       | 3.6     | 1     | 96.2      | 38.9557 | 34.1969 |
| 2009 | 6     | 24  | 17   | 5      | 59     | 0.3       | 3.6     | 0.98  | 96.1      | 38.9557 | 33.5122 |
| 2009 | 6     | 24  | 17   | 15     | 59     | 0.3       | 3.6     | 0.97  | 97.2      | 38.9557 | 33.0558 |
| 2009 | 6     | 24  | 17   | 25     | 59     | 0.3       | 3.6     | 1     | 97.8      | 38.9557 | 33.9686 |
| 2009 | 6     | 24  | 17   | 35     | 59     | 0.3       | 3.6     | 0.97  | 96.8      | 38.9205 | 33.0249 |
| 2009 | 6     | 24  | 17   | 45     | 59     | 0.3       | 3.6     | 0.96  | 96.1      | 38.8854 | 32.7662 |
| 2009 | 6     | 24  | 17   | 55     | 59     | 0.3       | 3.6     | 0.94  | 98.6      | 38.9205 | 31.8852 |
| 2009 | 6     | 24  | 18   | 5      | 59     | 0.3       | 3.6     | 0.93  | 97.7      | 38.9205 | 31.7713 |
| 2009 | 6     | 24  | 18   | 15     | 59     | 0.3       | 3.6     | 0.96  | 96.9      | 38.9557 | 32.7135 |
| 2009 | 6     | 24  | 18   | 25     | 59     | 0.3       | 3.6     | 0.98  | 96.7      | 38.9205 | 33.5948 |
| 2009 | 6     | 24  | 18   | 35     | 59     | 0.3       | 3.6     | 0.94  | 96.9      | 38.9205 | 31.8852 |
| 2009 | 6     | 24  | 18   | 45     | 59     | 0.3       | 3.6     | 0.94  | 96.8      | 38.8854 | 32.0831 |
| 2009 | 6     | 24  | 18   | 55     | 59     | 0.3       | 3.6     | 1     | 96.8      | 38.9205 | 34.2789 |
| 2009 | 6     | 24  | 19   | 5      | 59     | 0.3       | 3.6     | 1     | 97.2      | 38.8854 | 34.019  |
| 2009 | 6     | 24  | 19   | 15     | 59     | 0.3       | 3.6     | 0.96  | 96.6      | 38.8854 | 32.8801 |
| 2009 | 6     | 24  | 19   | 25     | 59     | 0.3       | 3.6     | 0.92  | 98.9      | 38.9205 | 31.0877 |
| 2009 | 6     | 24  | 19   | 35     | 59     | 0.3       | 3.6     | 0.98  | 97.3      | 38.9205 | 33.3668 |
| 2009 | 6     | 24  | 19   | 45     | 59     | 0.3       | 3.6     | 0.99  | 98.6      | 38.9205 | 33.5948 |
| 2009 | 6     | 24  | 19   | 55     | 59     | 0.3       | 3.6     | 1     | 96.6      | 38.9205 | 34.1649 |
| 2009 | 6     | 24  | 20   | 5      | 59     | 0.3       | 3.6     | 0.94  | 98        | 38.9557 | 31.9151 |
| 2009 | 6     | 24  | 20   | 15     | 59     | 0.3       | 3.6     | 0.95  | 96.9      | 38.9557 | 32.4854 |
| 2009 | 6     | 24  | 20   | 25     | 59     | 0.3       | 3.6     | 1.03  | 96.4      | 38.9557 | 35.1101 |
| 2009 | 6     | 24  | 20   | 35     | 59     | 0.3       | 3.6     | 1.01  | 97.1      | 38.9908 | 34.3431 |
| 2009 | 6     | 24  | 20   | 45     | 59     | 0.3       | 3.6     | 0.95  | 98.4      | 38.9908 | 32.2874 |
| 2009 | 6     | 24  | 20   | 55     | 59     | 0.3       | 3.6     | 1.01  | 99.6      | 38.9908 | 34.2288 |
| 2009 | 6     | 24  | 21   | 5      | 59     | 0.3       | 3.6     | 0.99  | 100.1     | 38.9908 | 33.6577 |
| 2009 | 6     | 24  | 21   | 15     | 59     | 0.3       | 3.6     | 1     | 97.9      | 38.9908 | 34.1146 |
| 2009 | 6     | 24  | 21   | 25     | 59     | 0.3       | 3.6     | 0.96  | 97.4      | 38.9908 | 32.8583 |
| 2009 | 6     | 24  | 21   | 35     | 59     | 0.3       | 3.6     | 0.91  | 95        | 39.0259 | 31.2892 |
| 2009 | 6     | 24  | 21   | 45     | 59     | 0.3       | 3.6     | 0.92  | 96.6      | 39.0259 | 31.4035 |
| 2009 | 6     | 24  | 21   | 55     | 59     | 0.3       | 3.6     | 0.96  | 96.3      | 39.0259 | 32.8889 |
| 2009 | 6     | 24  | 22   | 5      | 59     | 0.3       | 3.6     | 0.97  | 96        | 39.0259 | 33.3462 |
| 2009 | 6     | 24  | 22   | 15     | 59     | 0.3       | 3.6     | 0.76  | 88.5      | 39.061  | 26.064  |
| 2009 | 6     | 24  | 22   | 25     | 59     | 0.3       | 3.6     | 0.89  | 94        | 39.061  | 30.6325 |
| 2009 | 6     | 24  | 22   | 35     | 59     | 0.3       | 3.6     | 0.86  | 94.1      | 39.061  | 29.6038 |
| 2009 | 6     | 24  | 22   | 45     | 59     | 0.3       | 3.6     | 0.91  | 95.2      | 39.061  | 31.0897 |
| 2009 | 6     | 24  | 22   | 55     | 59     | 0.3       | 3.6     | 0.96  | 97.2      | 39.061  | 32.9196 |
| 2009 | 6     | 24  | 23   | 5      | 59     | 0.3       | 3.6     | 0.92  | 95.7      | 39.061  | 31.5471 |
| 2009 | 6     | 24  | 23   | 15     | 59     | 0.3       | 3.6     | 0.92  | 96.7      | 39.061  | 31.5471 |
| 2009 | 6     | 24  | 23   | 25     | 59     | 0.3       | 3.6     | 0.88  | 92.6      | 39.0961 | 30.3178 |
| 2009 | 6     | 24  | 23   | 35     | 59     | 0.3       | 3.6     | 0.8   | 93        | 39.0961 | 27.6878 |
| 2009 | 6     | 24  | 23   | 45     | 59     | 0.3       | 3.6     | 0.9   | 96.2      | 39.1313 | 31.0331 |
| 2009 | 6     | 24  | 23   | 55     | 59     | 0.3       | 3.6     | 0.88  | 94.1      | 39.1313 | 30.2315 |
| 2009 | 6     | 25  | 0    | 5      | 59     | 0.3       | 3.6     | 0.91  | 96.8      | 39.1663 | 31.1766 |
| 2009 | 6     | 25  | 0    | 15     | 59     | 0.3       | 3.6     | 0.94  | 96.8      | 39.2365 | 32.3834 |
| 2009 | 6     | 25  | 0    | 25     | 59     | 0.3       | 3.6     | 0.87  | 94.1      | 39.2365 | 30.2009 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 25  | 0    | 35     | 59     | 0.3       | 3.6     | 0.82  | 91.4      | 39.2365 | 28.3645 |
| 2009 | 6     | 25  | 0    | 45     | 59     | 0.3       | 3.6     | 0.91  | 95.8      | 39.2716 | 31.3784 |
| 2009 | 6     | 25  | 0    | 55     | 59     | 0.3       | 3.6     | 0.88  | 95.3      | 39.2716 | 30.4588 |
| 2009 | 6     | 25  | 1    | 5      | 59     | 0.3       | 3.6     | 0.8   | 93.3      | 39.2716 | 27.7018 |
| 2009 | 6     | 25  | 1    | 15     | 59     | 0.3       | 3.6     | 0.74  | 88.7      | 39.3066 | 25.6597 |
| 2009 | 6     | 25  | 1    | 25     | 59     | 0.3       | 3.6     | 1     | 96        | 39.2716 | 34.4843 |
| 2009 | 6     | 25  | 1    | 35     | 59     | 0.3       | 3.6     | 0.79  | 93.3      | 39.3066 | 27.3827 |
| 2009 | 6     | 25  | 1    | 45     | 59     | 0.3       | 3.6     | 0.95  | 94.5      | 39.3066 | 33.019  |
| 2009 | 6     | 25  | 1    | 55     | 59     | 0.3       | 3.6     | 0.85  | 92.4      | 39.3066 | 29.4518 |
| 2009 | 6     | 25  | 2    | 5      | 59     | 0.3       | 3.6     | 0.88  | 92.4      | 39.3066 | 30.3719 |
| 2009 | 6     | 25  | 2    | 15     | 59     | 0.3       | 3.6     | 0.76  | 92.2      | 39.3066 | 26.2339 |
| 2009 | 6     | 25  | 2    | 25     | 59     | 0.3       | 3.6     | 0.87  | 93.9      | 39.3417 | 30.1697 |
| 2009 | 6     | 25  | 2    | 35     | 59     | 0.3       | 3.6     | 0.93  | 96.9      | 39.3066 | 31.8678 |
| 2009 | 6     | 25  | 2    | 45     | 59     | 0.3       | 3.6     | 0.87  | 94.6      | 39.3417 | 29.9395 |
| 2009 | 6     | 25  | 2    | 55     | 59     | 0.3       | 3.6     | 0.91  | 94.5      | 39.3417 | 31.5517 |
| 2009 | 6     | 25  | 3    | 5      | 59     | 0.3       | 3.6     | 0.89  | 94        | 39.3417 | 30.9758 |
| 2009 | 6     | 25  | 3    | 15     | 59     | 0.3       | 3.6     | 0.88  | 94.7      | 39.3417 | 30.5152 |
| 2009 | 6     | 25  | 3    | 25     | 59     | 0.3       | 3.6     | 0.97  | 96.8      | 39.3417 | 33.5106 |
| 2009 | 6     | 25  | 3    | 35     | 59     | 0.3       | 3.6     | 0.81  | 92.3      | 39.3417 | 28.2132 |
| 2009 | 6     | 25  | 3    | 45     | 59     | 0.3       | 3.6     | 0.88  | 95.5      | 39.3417 | 30.5152 |
| 2009 | 6     | 25  | 3    | 55     | 59     | 0.3       | 3.6     | 0.97  | 95        | 39.3417 | 33.7411 |
| 2009 | 6     | 25  | 4    | 5      | 59     | 0.3       | 3.6     | 0.96  | 96.7      | 39.3417 | 33.1648 |
| 2009 | 6     | 25  | 4    | 15     | 59     | 0.3       | 3.6     | 0.91  | 94.7      | 39.3767 | 31.5808 |
| 2009 | 6     | 25  | 4    | 25     | 59     | 0.3       | 3.6     | 0.86  | 93.5      | 39.3767 | 29.9671 |
| 2009 | 6     | 25  | 4    | 35     | 59     | 0.3       | 3.6     | 0.91  | 94.8      | 39.3767 | 31.4655 |
| 2009 | 6     | 25  | 4    | 45     | 59     | 0.3       | 3.6     | 0.85  | 99.8      | 39.3767 | 28.9303 |
| 2009 | 6     | 25  | 4    | 55     | 59     | 0.3       | 3.6     | 0.9   | 94.2      | 39.3767 | 31.2349 |
| 2009 | 6     | 25  | 5    | 5      | 59     | 0.3       | 3.6     | 0.99  | 96.8      | 39.3767 | 34.3492 |
| 2009 | 6     | 25  | 5    | 15     | 59     | 0.3       | 3.6     | 0.93  | 95.7      | 39.3767 | 32.1574 |
| 2009 | 6     | 25  | 5    | 25     | 59     | 0.3       | 3.6     | 0.92  | 94.7      | 39.3767 | 31.6961 |
| 2009 | 6     | 25  | 5    | 35     | 59     | 0.3       | 3.6     | 0.87  | 95.2      | 39.3767 | 30.1976 |
| 2009 | 6     | 25  | 5    | 45     | 59     | 0.3       | 3.6     | 0.94  | 96.8      | 39.3767 | 32.6187 |
| 2009 | 6     | 25  | 5    | 55     | 59     | 0.3       | 3.6     | 0.97  | 98.2      | 39.3767 | 33.4261 |
| 2009 | 6     | 25  | 6    | 5      | 59     | 0.3       | 3.6     | 0.87  | 93        | 39.3767 | 30.1976 |
| 2009 | 6     | 25  | 6    | 15     | 59     | 0.3       | 3.6     | 0.87  | 95.6      | 39.3767 | 29.9671 |
| 2009 | 6     | 25  | 6    | 25     | 59     | 0.3       | 3.6     | 0.98  | 97.9      | 39.3767 | 33.8876 |
| 2009 | 6     | 25  | 6    | 35     | 59     | 0.3       | 3.6     | 0.79  | 93.8      | 39.3767 | 27.4333 |
| 2009 | 6     | 25  | 6    | 45     | 59     | 0.3       | 3.6     | 0.91  | 98        | 39.3417 | 31.4365 |
| 2009 | 6     | 25  | 6    | 55     | 59     | 0.3       | 3.6     | 1.03  | 98.2      | 39.3767 | 35.6189 |
| 2009 | 6     | 25  | 7    | 5      | 59     | 0.3       | 3.6     | 0.96  | 100       | 39.3767 | 32.8494 |
| 2009 | 6     | 25  | 7    | 15     | 59     | 0.3       | 3.6     | 0.89  | 98        | 39.3767 | 30.7739 |
| 2009 | 6     | 25  | 7    | 25     | 59     | 0.3       | 3.6     | 0.99  | 97.6      | 39.3767 | 34.003  |
| 2009 | 6     | 25  | 7    | 35     | 59     | 0.3       | 3.6     | 0.96  | 96.1      | 39.3767 | 33.1954 |
| 2009 | 6     | 25  | 7    | 45     | 59     | 0.3       | 3.6     | 0.99  | 98.4      | 39.3767 | 33.8876 |
| 2009 | 6     | 25  | 7    | 55     | 59     | 0.3       | 3.6     | 0.91  | 97.9      | 39.3767 | 31.2349 |
| 2009 | 6     | 25  | 8    | 5      | 59     | 0.3       | 3.6     | 0.79  | 90.5      | 39.3767 | 27.5484 |
| 2009 | 6     | 25  | 8    | 15     | 59     | 0.3       | 3.6     | 0.93  | 97.3      | 39.3767 | 32.042  |
| 2009 | 6     | 25  | 8    | 25     | 59     | 0.3       | 3.6     | 0.9   | 96.2      | 39.3767 | 31.2349 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 25  | 8    | 35     | 59     | 0.3       | 3.6     | 0.94  | 97        | 39.3767 | 32.388  |
| 2009 | 6     | 25  | 8    | 45     | 59     | 0.3       | 3.6     | 0.9   | 97.2      | 39.3767 | 30.8891 |
| 2009 | 6     | 25  | 8    | 55     | 59     | 0.3       | 3.6     | 0.85  | 93.5      | 39.3767 | 29.3911 |
| 2009 | 6     | 25  | 9    | 5      | 59     | 0.3       | 3.6     | 1.02  | 98.1      | 39.3767 | 35.2726 |
| 2009 | 6     | 25  | 9    | 15     | 59     | 0.3       | 3.6     | 0.91  | 95        | 39.3767 | 31.4655 |
| 2009 | 6     | 25  | 9    | 25     | 59     | 0.3       | 3.6     | 0.95  | 99.3      | 39.3767 | 32.6187 |
| 2009 | 6     | 25  | 9    | 35     | 59     | 0.3       | 3.6     | 0.89  | 92.3      | 39.3767 | 30.8891 |
| 2009 | 6     | 25  | 9    | 45     | 59     | 0.3       | 3.6     | 0.95  | 95.6      | 39.3767 | 32.734  |
| 2009 | 6     | 25  | 9    | 55     | 59     | 0.3       | 3.6     | 0.91  | 95.2      | 39.3767 | 31.4655 |
| 2009 | 6     | 25  | 10   | 5      | 59     | 0.3       | 3.6     | 0.85  | 94.2      | 39.3417 | 29.479  |
| 2009 | 6     | 25  | 10   | 15     | 59     | 0.3       | 3.6     | 0.98  | 97.3      | 39.3767 | 33.6569 |
| 2009 | 6     | 25  | 10   | 25     | 59     | 0.3       | 3.6     | 1.01  | 98        | 39.3767 | 34.8109 |
| 2009 | 6     | 25  | 10   | 35     | 59     | 0.3       | 3.6     | 1.04  | 99.8      | 39.3417 | 35.5861 |
| 2009 | 6     | 25  | 10   | 45     | 59     | 0.3       | 3.6     | 0.97  | 96.6      | 39.3767 | 33.4261 |
| 2009 | 6     | 25  | 10   | 55     | 59     | 0.3       | 3.6     | 0.98  | 95.6      | 39.3767 | 33.7723 |
| 2009 | 6     | 25  | 11   | 5      | 59     | 0.3       | 3.6     | 0.92  | 99.7      | 39.3767 | 31.3502 |
| 2009 | 6     | 25  | 11   | 15     | 59     | 0.3       | 3.6     | 0.95  | 97.6      | 39.3767 | 32.6187 |
| 2009 | 6     | 25  | 11   | 25     | 59     | 0.3       | 3.6     | 0.96  | 97.1      | 39.3767 | 33.1954 |
| 2009 | 6     | 25  | 11   | 35     | 59     | 0.3       | 3.6     | 0.99  | 99.2      | 39.3417 | 33.8564 |
| 2009 | 6     | 25  | 11   | 45     | 59     | 0.3       | 3.6     | 0.97  | 98.4      | 39.3767 | 33.1954 |
| 2009 | 6     | 25  | 11   | 55     | 59     | 0.3       | 3.6     | 0.97  | 99        | 39.3417 | 33.1648 |
| 2009 | 6     | 25  | 12   | 5      | 59     | 0.3       | 3.6     | 1     | 98.7      | 39.3767 | 34.2338 |
| 2009 | 6     | 25  | 12   | 15     | 59     | 0.3       | 3.6     | 0.97  | 96.4      | 39.3417 | 33.5106 |
| 2009 | 6     | 25  | 12   | 25     | 59     | 0.3       | 3.6     | 0.99  | 97.5      | 39.3767 | 34.003  |
| 2009 | 6     | 25  | 12   | 35     | 59     | 0.3       | 3.6     | 0.97  | 98.4      | 39.3767 | 33.3108 |
| 2009 | 6     | 25  | 12   | 45     | 59     | 0.3       | 3.6     | 0.99  | 96.1      | 39.3767 | 34.3492 |
| 2009 | 6     | 25  | 12   | 55     | 59     | 0.3       | 3.6     | 0.99  | 97        | 39.3417 | 34.2022 |
| 2009 | 6     | 25  | 13   | 5      | 59     | 0.3       | 3.6     | 0.98  | 97.7      | 39.3767 | 33.7723 |
| 2009 | 6     | 25  | 13   | 15     | 59     | 0.3       | 3.6     | 0.94  | 94.8      | 39.3767 | 32.388  |
| 2009 | 6     | 25  | 13   | 25     | 59     | 0.3       | 3.6     | 1     | 97        | 39.3767 | 34.58   |
| 2009 | 6     | 25  | 13   | 35     | 59     | 0.3       | 3.6     | 0.99  | 96.1      | 39.3417 | 34.087  |
| 2009 | 6     | 25  | 13   | 45     | 59     | 0.3       | 3.6     | 0.89  | 96.2      | 39.3417 | 30.6303 |
| 2009 | 6     | 25  | 13   | 55     | 59     | 0.3       | 3.6     | 0.96  | 95.3      | 39.3767 | 33.1954 |
| 2009 | 6     | 25  | 14   | 5      | 59     | 0.3       | 3.6     | 0.98  | 97.3      | 39.3417 | 33.7411 |
| 2009 | 6     | 25  | 14   | 15     | 59     | 0.3       | 3.6     | 0.99  | 95        | 39.3767 | 34.2338 |
| 2009 | 6     | 25  | 14   | 25     | 59     | 0.3       | 3.6     | 1.04  | 95.6      | 39.3417 | 35.9321 |
| 2009 | 6     | 25  | 14   | 35     | 59     | 0.3       | 3.6     | 0.95  | 97.6      | 39.3417 | 32.5886 |
| 2009 | 6     | 25  | 14   | 45     | 59     | 0.3       | 3.6     | 0.97  | 95.6      | 39.3417 | 33.6258 |
| 2009 | 6     | 25  | 14   | 55     | 59     | 0.3       | 3.6     | 0.99  | 94.8      | 39.3417 | 34.2022 |
| 2009 | 6     | 25  | 15   | 5      | 59     | 0.3       | 3.6     | 1.01  | 95.6      | 39.3066 | 34.8619 |
| 2009 | 6     | 25  | 15   | 15     | 59     | 0.3       | 3.6     | 0.98  | 95.4      | 39.3066 | 33.71   |
| 2009 | 6     | 25  | 15   | 25     | 59     | 0.3       | 3.6     | 1.02  | 95        | 39.3066 | 35.438  |
| 2009 | 6     | 25  | 15   | 35     | 59     | 0.3       | 3.6     | 0.98  | 95.6      | 39.3066 | 33.8251 |
| 2009 | 6     | 25  | 15   | 45     | 59     | 0.3       | 3.6     | 1.01  | 96.7      | 39.3417 | 35.0094 |
| 2009 | 6     | 25  | 15   | 55     | 59     | 0.3       | 3.6     | 0.95  | 98.6      | 39.3417 | 32.4734 |
| 2009 | 6     | 25  | 16   | 5      | 59     | 0.3       | 3.6     | 1.02  | 98.9      | 39.3066 | 34.8619 |
| 2009 | 6     | 25  | 16   | 15     | 59     | 0.3       | 3.6     | 0.98  | 97.7      | 39.3417 | 33.6258 |
| 2009 | 6     | 25  | 16   | 25     | 59     | 0.3       | 3.6     | 0.96  | 96.4      | 39.3066 | 33.2493 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 25  | 16   | 35     | 59     | 0.3       | 3.6     | 0.99  | 96.4      | 39.3066 | 34.2859 |
| 2009 | 6     | 25  | 16   | 45     | 59     | 0.3       | 3.6     | 1.01  | 97.5      | 39.2716 | 34.7145 |
| 2009 | 6     | 25  | 16   | 55     | 59     | 0.3       | 3.6     | 0.94  | 94.8      | 39.2716 | 32.4134 |
| 2009 | 6     | 25  | 17   | 5      | 59     | 0.3       | 3.6     | 0.93  | 96.1      | 39.3066 | 32.2131 |
| 2009 | 6     | 25  | 17   | 15     | 59     | 0.3       | 3.6     | 1     | 96.4      | 39.3066 | 34.401  |
| 2009 | 6     | 25  | 17   | 25     | 59     | 0.3       | 3.6     | 0.95  | 96.9      | 39.2716 | 32.7584 |
| 2009 | 6     | 25  | 17   | 35     | 59     | 0.3       | 3.6     | 0.92  | 95.9      | 39.3066 | 31.7527 |
| 2009 | 6     | 25  | 17   | 45     | 59     | 0.3       | 3.6     | 0.94  | 98.2      | 39.3066 | 32.3282 |
| 2009 | 6     | 25  | 17   | 55     | 59     | 0.3       | 3.6     | 0.99  | 96.3      | 39.2716 | 34.024  |
| 2009 | 6     | 25  | 18   | 5      | 59     | 0.3       | 3.6     | 0.99  | 94.9      | 39.3066 | 34.401  |
| 2009 | 6     | 25  | 18   | 15     | 59     | 0.3       | 3.6     | 0.96  | 96.1      | 39.2716 | 33.1035 |
| 2009 | 6     | 25  | 18   | 25     | 59     | 0.3       | 3.6     | 0.97  | 95.2      | 39.3066 | 33.5948 |
| 2009 | 6     | 25  | 18   | 35     | 59     | 0.3       | 3.6     | 0.97  | 98.4      | 39.2716 | 33.2186 |
| 2009 | 6     | 25  | 18   | 45     | 59     | 0.3       | 3.6     | 0.92  | 97        | 39.3066 | 31.6376 |
| 2009 | 6     | 25  | 18   | 55     | 59     | 0.3       | 3.6     | 0.98  | 98.2      | 39.3066 | 33.8251 |
| 2009 | 6     | 25  | 19   | 5      | 59     | 0.3       | 3.6     | 0.96  | 95.7      | 39.3066 | 33.1342 |
| 2009 | 6     | 25  | 19   | 15     | 59     | 0.3       | 3.6     | 0.95  | 96.7      | 39.3417 | 32.9343 |
| 2009 | 6     | 25  | 19   | 25     | 59     | 0.3       | 3.6     | 0.94  | 96.6      | 39.3417 | 32.3581 |
| 2009 | 6     | 25  | 19   | 35     | 59     | 0.3       | 3.6     | 1     | 97.9      | 39.3417 | 34.3175 |
| 2009 | 6     | 25  | 19   | 45     | 59     | 0.3       | 3.6     | 0.89  | 95.3      | 39.3417 | 30.7455 |
| 2009 | 6     | 25  | 19   | 55     | 59     | 0.3       | 3.6     | 1.01  | 96.2      | 39.3417 | 34.8941 |
| 2009 | 6     | 25  | 20   | 5      | 59     | 0.3       | 3.6     | 0.93  | 97.1      | 39.3417 | 31.8973 |
| 2009 | 6     | 25  | 20   | 15     | 59     | 0.3       | 3.6     | 0.95  | 94.8      | 39.3417 | 32.8191 |
| 2009 | 6     | 25  | 20   | 25     | 59     | 0.3       | 3.6     | 0.73  | 90.3      | 39.3767 | 25.1321 |
| 2009 | 6     | 25  | 20   | 35     | 59     | 0.3       | 3.6     | 0.97  | 96.2      | 39.3767 | 33.4261 |
| 2009 | 6     | 25  | 20   | 45     | 59     | 0.3       | 3.6     | 0.81  | 95.8      | 39.3767 | 28.1241 |
| 2009 | 6     | 25  | 20   | 55     | 59     | 0.3       | 3.6     | 0.88  | 93.9      | 39.3767 | 30.4281 |
| 2009 | 6     | 25  | 21   | 5      | 59     | 0.3       | 3.6     | 0.8   | 92.6      | 39.3767 | 27.7787 |
| 2009 | 6     | 25  | 21   | 15     | 59     | 0.3       | 3.6     | 0.92  | 95.9      | 39.3767 | 31.8114 |
| 2009 | 6     | 25  | 21   | 25     | 59     | 0.3       | 3.6     | 0.87  | 94.1      | 39.3767 | 29.9671 |
| 2009 | 6     | 25  | 21   | 35     | 59     | 0.3       | 3.6     | 0.92  | 93.9      | 39.3767 | 31.8114 |
| 2009 | 6     | 25  | 21   | 45     | 59     | 0.3       | 3.6     | 0.96  | 98.7      | 39.3767 | 32.9647 |
| 2009 | 6     | 25  | 21   | 55     | 59     | 0.3       | 3.6     | 0.89  | 94        | 39.3767 | 31.0044 |
| 2009 | 6     | 25  | 22   | 5      | 59     | 0.3       | 3.6     | 0.94  | 94.8      | 39.3767 | 32.388  |
| 2009 | 6     | 25  | 22   | 15     | 59     | 0.3       | 3.6     | 0.85  | 94        | 39.3767 | 29.5063 |
| 2009 | 6     | 25  | 22   | 25     | 59     | 0.3       | 3.6     | 0.77  | 90.7      | 39.3767 | 26.8578 |
| 2009 | 6     | 25  | 22   | 35     | 59     | 0.3       | 3.6     | 0.77  | 92.4      | 39.3767 | 26.7427 |
| 2009 | 6     | 25  | 22   | 45     | 59     | 0.3       | 3.6     | 0.78  | 90        | 39.3767 | 26.9729 |
| 2009 | 6     | 25  | 22   | 55     | 59     | 0.3       | 3.6     | 0.92  | 93.1      | 39.3767 | 31.9267 |
| 2009 | 6     | 25  | 23   | 5      | 59     | 0.3       | 3.6     | 0.77  | 90        | 39.3767 | 26.7427 |
| 2009 | 6     | 25  | 23   | 15     | 59     | 0.3       | 3.6     | 0.85  | 95.3      | 39.3767 | 29.2758 |
| 2009 | 6     | 25  | 23   | 25     | 59     | 0.3       | 3.6     | 0.74  | 89        | 39.3767 | 25.7072 |
| 2009 | 6     | 25  | 23   | 35     | 59     | 0.3       | 3.6     | 0.98  | 94.6      | 39.4117 | 34.1499 |
| 2009 | 6     | 25  | 23   | 45     | 59     | 0.3       | 3.6     | 0.92  | 95.3      | 39.4117 | 31.9562 |
| 2009 | 6     | 25  | 23   | 55     | 59     | 0.3       | 3.6     | 0.84  | 96        | 39.4117 | 29.1876 |
| 2009 | 6     | 26  | 0    | 5      | 59     | 0.3       | 3.6     | 0.91  | 97.3      | 39.4117 | 31.2638 |
| 2009 | 6     | 26  | 0    | 15     | 59     | 0.3       | 3.6     | 0.88  | 92.8      | 39.4117 | 30.6869 |
| 2009 | 6     | 26  | 0    | 25     | 59     | 0.3       | 3.6     | 0.82  | 92.5      | 39.4117 | 28.6111 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 26  | 0    | 35     | 59     | 0.3       | 3.6     | 0.76  | 91.5      | 39.4117 | 26.3067 |
| 2009 | 6     | 26  | 0    | 45     | 59     | 0.3       | 3.6     | 0.82  | 93        | 39.4117 | 28.3806 |
| 2009 | 6     | 26  | 0    | 55     | 59     | 0.3       | 3.6     | 0.83  | 93.2      | 39.4117 | 28.957  |
| 2009 | 6     | 26  | 1    | 5      | 59     | 0.3       | 3.6     | 0.87  | 93.9      | 39.4117 | 30.1101 |
| 2009 | 6     | 26  | 1    | 15     | 59     | 0.3       | 3.6     | 0.73  | 91.8      | 39.4117 | 25.1553 |
| 2009 | 6     | 26  | 1    | 25     | 59     | 0.3       | 3.6     | 0.81  | 92.8      | 39.4117 | 28.2653 |
| 2009 | 6     | 26  | 1    | 35     | 59     | 0.3       | 3.6     | 0.99  | 98        | 39.4468 | 34.0658 |
| 2009 | 6     | 26  | 1    | 45     | 59     | 0.3       | 3.6     | 0.94  | 95.4      | 39.4468 | 32.6788 |
| 2009 | 6     | 26  | 1    | 55     | 59     | 0.3       | 3.6     | 0.88  | 94.1      | 39.4468 | 30.5997 |
| 2009 | 6     | 26  | 2    | 5      | 59     | 0.3       | 3.6     | 0.92  | 93.9      | 39.4468 | 32.1012 |
| 2009 | 6     | 26  | 2    | 15     | 59     | 0.3       | 3.6     | 0.94  | 95.4      | 39.4468 | 32.6788 |
| 2009 | 6     | 26  | 2    | 25     | 59     | 0.3       | 3.6     | 0.81  | 90.9      | 39.4468 | 28.0606 |
| 2009 | 6     | 26  | 2    | 35     | 59     | 0.3       | 3.6     | 0.78  | 91.2      | 39.4818 | 27.2784 |
| 2009 | 6     | 26  | 2    | 45     | 59     | 0.3       | 3.6     | 0.87  | 92.4      | 39.4818 | 30.1656 |
| 2009 | 6     | 26  | 2    | 55     | 59     | 0.3       | 3.6     | 0.82  | 94.6      | 39.5168 | 28.459  |
| 2009 | 6     | 26  | 3    | 5      | 59     | 0.3       | 3.6     | 0.77  | 89.3      | 39.5518 | 26.866  |
| 2009 | 6     | 26  | 3    | 15     | 59     | 0.3       | 3.6     | 0.92  | 95.7      | 39.5518 | 32.0739 |
| 2009 | 6     | 26  | 3    | 25     | 59     | 0.3       | 3.6     | 0.94  | 96.8      | 39.5868 | 32.6831 |
| 2009 | 6     | 26  | 3    | 35     | 59     | 0.3       | 3.6     | 0.8   | 92.3      | 39.5868 | 27.9324 |
| 2009 | 6     | 26  | 3    | 45     | 59     | 0.3       | 3.6     | 0.91  | 92.9      | 39.6218 | 31.7846 |
| 2009 | 6     | 26  | 3    | 55     | 59     | 0.3       | 3.6     | 0.84  | 93.6      | 39.6218 | 29.4648 |
| 2009 | 6     | 26  | 4    | 5      | 59     | 0.3       | 3.6     | 0.96  | 98.9      | 39.6218 | 33.1774 |
| 2009 | 6     | 26  | 4    | 15     | 59     | 0.3       | 3.6     | 0.83  | 93.9      | 39.6567 | 28.7956 |
| 2009 | 6     | 26  | 4    | 25     | 59     | 0.3       | 3.6     | 0.91  | 96.8      | 39.6567 | 31.6976 |
| 2009 | 6     | 26  | 4    | 35     | 59     | 0.3       | 3.6     | 0.95  | 94.5      | 39.6567 | 33.324  |
| 2009 | 6     | 26  | 4    | 45     | 59     | 0.3       | 3.6     | 0.89  | 96.8      | 39.6917 | 30.913  |
| 2009 | 6     | 26  | 4    | 55     | 59     | 0.3       | 3.6     | 0.91  | 98.7      | 39.6917 | 31.4941 |
| 2009 | 6     | 26  | 5    | 5      | 59     | 0.3       | 3.6     | 0.93  | 95.5      | 39.6917 | 32.3079 |
| 2009 | 6     | 26  | 5    | 15     | 59     | 0.3       | 3.6     | 0.98  | 97.3      | 39.6917 | 34.1688 |
| 2009 | 6     | 26  | 5    | 25     | 59     | 0.3       | 3.6     | 0.92  | 96.4      | 39.6917 | 31.9591 |
| 2009 | 6     | 26  | 5    | 35     | 59     | 0.3       | 3.6     | 0.91  | 93.7      | 39.6917 | 31.9591 |
| 2009 | 6     | 26  | 5    | 45     | 59     | 0.3       | 3.6     | 0.97  | 95.7      | 39.7267 | 33.7342 |
| 2009 | 6     | 26  | 5    | 55     | 59     | 0.3       | 3.6     | 0.94  | 99.5      | 39.6917 | 32.4241 |
| 2009 | 6     | 26  | 6    | 5      | 59     | 0.3       | 3.6     | 0.87  | 94.1      | 39.7267 | 30.2434 |
| 2009 | 6     | 26  | 6    | 15     | 59     | 0.3       | 3.6     | 0.95  | 93        | 39.7267 | 33.2685 |
| 2009 | 6     | 26  | 6    | 25     | 59     | 0.3       | 3.6     | 0.93  | 96.1      | 39.7267 | 32.4537 |
| 2009 | 6     | 26  | 6    | 35     | 59     | 0.3       | 3.6     | 0.97  | 95.4      | 39.7267 | 33.8506 |
| 2009 | 6     | 26  | 6    | 45     | 59     | 0.3       | 3.6     | 1     | 97.5      | 39.7267 | 34.7822 |
| 2009 | 6     | 26  | 6    | 55     | 59     | 0.3       | 3.6     | 0.86  | 94.1      | 39.7616 | 30.1546 |
| 2009 | 6     | 26  | 7    | 5      | 59     | 0.3       | 3.6     | 0.91  | 96.8      | 39.7616 | 31.7845 |
| 2009 | 6     | 26  | 7    | 15     | 59     | 0.3       | 3.6     | 0.9   | 98        | 39.7616 | 31.2023 |
| 2009 | 6     | 26  | 7    | 25     | 59     | 0.3       | 3.6     | 0.95  | 94.9      | 39.7616 | 33.4154 |
| 2009 | 6     | 26  | 7    | 35     | 59     | 0.3       | 3.6     | 0.96  | 95.5      | 39.7616 | 33.6484 |
| 2009 | 6     | 26  | 7    | 45     | 59     | 0.3       | 3.6     | 0.95  | 96.6      | 39.7966 | 33.096  |
| 2009 | 6     | 26  | 7    | 55     | 59     | 0.3       | 3.6     | 0.98  | 95.6      | 39.7966 | 34.379  |
| 2009 | 6     | 26  | 8    | 5      | 59     | 0.3       | 3.6     | 0.93  | 97.5      | 39.7966 | 32.2798 |
| 2009 | 6     | 26  | 8    | 15     | 59     | 0.3       | 3.6     | 0.89  | 92.7      | 39.7966 | 31.2307 |
| 2009 | 6     | 26  | 8    | 25     | 59     | 0.3       | 3.6     | 0.98  | 98.9      | 39.8315 | 34.06   |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 26  | 8    | 35     | 59     | 0.3       | 3.6     | 0.95  | 97        | 39.8315 | 33.1261 |
| 2009 | 6     | 26  | 8    | 45     | 59     | 0.3       | 3.6     | 1.02  | 99.2      | 39.8315 | 35.5782 |
| 2009 | 6     | 26  | 8    | 55     | 59     | 0.3       | 3.6     | 1.02  | 96.1      | 39.8315 | 35.5782 |
| 2009 | 6     | 26  | 9    | 5      | 59     | 0.3       | 3.9     | 0.97  | 98.8      | 39.8664 | 33.7404 |
| 2009 | 6     | 26  | 9    | 15     | 59     | 0.3       | 3.9     | 0.96  | 96.7      | 39.8664 | 33.6236 |
| 2009 | 6     | 26  | 9    | 25     | 59     | 0.3       | 3.9     | 0.97  | 96.2      | 39.8664 | 34.091  |
| 2009 | 6     | 26  | 9    | 35     | 59     | 0.3       | 3.9     | 1.04  | 97.8      | 39.9013 | 36.2281 |
| 2009 | 6     | 26  | 9    | 45     | 59     | 0.3       | 3.9     | 0.97  | 99.1      | 39.9362 | 33.9188 |
| 2009 | 6     | 26  | 9    | 55     | 59     | 0.3       | 3.9     | 0.99  | 96.8      | 39.9362 | 34.7383 |
| 2009 | 6     | 26  | 10   | 5      | 59     | 0.3       | 3.9     | 0.9   | 95.6      | 39.9362 | 31.6953 |
| 2009 | 6     | 26  | 10   | 15     | 59     | 0.3       | 3.9     | 1     | 96.8      | 39.9711 | 35.1214 |
| 2009 | 6     | 26  | 10   | 25     | 59     | 0.3       | 3.9     | 0.89  | 98.1      | 39.9711 | 31.0216 |
| 2009 | 6     | 26  | 10   | 35     | 59     | 0.3       | 3.9     | 1     | 97        | 39.9711 | 35.0042 |
| 2009 | 6     | 26  | 10   | 45     | 59     | 0.3       | 3.9     | 0.97  | 97.4      | 39.9711 | 34.0667 |
| 2009 | 6     | 26  | 10   | 55     | 59     | 0.3       | 3.9     | 0.98  | 96.5      | 40.006  | 34.5667 |
| 2009 | 6     | 26  | 11   | 5      | 59     | 0.3       | 3.9     | 1.01  | 96.7      | 39.9711 | 35.3559 |
| 2009 | 6     | 26  | 11   | 15     | 59     | 0.3       | 3.9     | 1.01  | 97.3      | 40.006  | 35.3879 |
| 2009 | 6     | 26  | 11   | 25     | 59     | 0.3       | 3.9     | 0.96  | 98.6      | 40.006  | 33.6284 |
| 2009 | 6     | 26  | 11   | 35     | 59     | 0.3       | 3.9     | 1.02  | 97.6      | 40.006  | 35.8572 |
| 2009 | 6     | 26  | 11   | 45     | 59     | 0.3       | 3.9     | 0.97  | 93.5      | 40.006  | 34.0975 |
| 2009 | 6     | 26  | 11   | 55     | 59     | 0.3       | 3.9     | 1     | 97        | 40.006  | 35.0359 |
| 2009 | 6     | 26  | 12   | 5      | 59     | 0.3       | 3.9     | 0.95  | 95.7      | 40.0409 | 33.5415 |
| 2009 | 6     | 26  | 12   | 15     | 59     | 0.3       | 3.9     | 1.03  | 99.4      | 40.006  | 35.8572 |
| 2009 | 6     | 26  | 12   | 25     | 59     | 0.3       | 3.9     | 1.02  | 97.6      | 40.006  | 35.7399 |
| 2009 | 6     | 26  | 12   | 35     | 59     | 0.3       | 3.9     | 1.02  | 96.6      | 40.0409 | 36.0071 |
| 2009 | 6     | 26  | 12   | 45     | 59     | 0.3       | 3.9     | 0.97  | 98.1      | 40.0409 | 34.1284 |
| 2009 | 6     | 26  | 12   | 55     | 59     | 0.3       | 3.9     | 1     | 97        | 40.0409 | 35.185  |
| 2009 | 6     | 26  | 13   | 5      | 59     | 0.3       | 3.9     | 0.97  | 95.8      | 40.0757 | 34.0417 |
| 2009 | 6     | 26  | 13   | 15     | 59     | 0.3       | 3.9     | 0.94  | 95.6      | 40.0409 | 33.1894 |
| 2009 | 6     | 26  | 13   | 25     | 59     | 0.3       | 3.9     | 0.96  | 97.5      | 40.0409 | 33.6588 |
| 2009 | 6     | 26  | 13   | 35     | 59     | 0.3       | 3.9     | 0.97  | 96.8      | 40.0757 | 34.0417 |
| 2009 | 6     | 26  | 13   | 45     | 59     | 0.3       | 3.9     | 0.93  | 98.1      | 40.0757 | 32.7496 |
| 2009 | 6     | 26  | 13   | 55     | 59     | 0.3       | 3.9     | 0.97  | 98.2      | 40.0409 | 33.8936 |
| 2009 | 6     | 26  | 14   | 5      | 59     | 0.3       | 3.9     | 0.93  | 96.9      | 40.0757 | 32.7496 |
| 2009 | 6     | 26  | 14   | 15     | 59     | 0.3       | 3.9     | 0.98  | 99        | 40.0757 | 34.3942 |
| 2009 | 6     | 26  | 14   | 25     | 59     | 0.3       | 3.9     | 0.94  | 95        | 40.1106 | 33.1318 |
| 2009 | 6     | 26  | 14   | 35     | 59     | 0.3       | 3.9     | 0.96  | 96.5      | 40.1106 | 33.8372 |
| 2009 | 6     | 26  | 14   | 45     | 59     | 0.3       | 3.9     | 1.07  | 97.8      | 40.1106 | 37.4845 |
| 2009 | 6     | 26  | 14   | 55     | 59     | 0.3       | 3.9     | 1.02  | 95.7      | 40.1106 | 35.8368 |
| 2009 | 6     | 26  | 15   | 5      | 59     | 0.3       | 3.9     | 0.99  | 97        | 40.1106 | 34.8957 |
| 2009 | 6     | 26  | 15   | 15     | 59     | 0.3       | 3.9     | 0.97  | 96.2      | 40.1106 | 34.19   |
| 2009 | 6     | 26  | 15   | 25     | 59     | 0.3       | 3.9     | 0.94  | 95.8      | 40.1106 | 33.2493 |
| 2009 | 6     | 26  | 15   | 35     | 59     | 0.3       | 3.6     | 0.99  | 97.2      | 40.1106 | 34.7781 |
| 2009 | 6     | 26  | 15   | 45     | 59     | 0.3       | 3.6     | 1     | 97.2      | 40.1455 | 35.1626 |
| 2009 | 6     | 26  | 15   | 55     | 59     | 0.3       | 3.6     | 0.96  | 95.7      | 40.1455 | 33.75   |
| 2009 | 6     | 26  | 16   | 5      | 59     | 0.3       | 3.6     | 1     | 95.3      | 40.1455 | 35.3981 |
| 2009 | 6     | 26  | 16   | 15     | 59     | 0.3       | 3.6     | 0.98  | 98.3      | 40.1455 | 34.3385 |
| 2009 | 6     | 26  | 16   | 25     | 59     | 0.3       | 3.6     | 1.04  | 96.7      | 40.1455 | 36.5758 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 26  | 16   | 35     | 59     | 0.3       | 3.6     | 1.03  | 96.1      | 40.1803 | 36.2551 |
| 2009 | 6     | 26  | 16   | 45     | 59     | 0.3       | 3.6     | 0.89  | 96.3      | 40.1803 | 31.4255 |
| 2009 | 6     | 26  | 16   | 55     | 59     | 0.3       | 3.6     | 0.97  | 98.3      | 40.1803 | 34.2516 |
| 2009 | 6     | 26  | 17   | 5      | 59     | 0.3       | 3.6     | 0.97  | 96        | 40.1803 | 34.1338 |
| 2009 | 6     | 26  | 17   | 15     | 59     | 0.3       | 3.6     | 0.98  | 98        | 40.1803 | 34.6051 |
| 2009 | 6     | 26  | 17   | 25     | 59     | 0.3       | 3.9     | 0.98  | 95.6      | 40.2151 | 34.5183 |
| 2009 | 6     | 26  | 17   | 35     | 59     | 0.3       | 3.9     | 0.89  | 94        | 40.2151 | 31.6894 |
| 2009 | 6     | 26  | 17   | 45     | 59     | 0.3       | 3.9     | 0.87  | 94.3      | 40.2151 | 30.747  |
| 2009 | 6     | 26  | 17   | 55     | 59     | 0.3       | 3.9     | 1     | 96.6      | 40.2151 | 35.4618 |
| 2009 | 6     | 26  | 18   | 5      | 59     | 0.3       | 3.9     | 0.89  | 93.4      | 40.2151 | 31.4537 |
| 2009 | 6     | 26  | 18   | 15     | 59     | 0.3       | 3.9     | 0.99  | 97        | 40.2499 | 35.0215 |
| 2009 | 6     | 26  | 18   | 25     | 59     | 0.3       | 3.9     | 0.96  | 97.2      | 40.2499 | 33.9592 |
| 2009 | 6     | 26  | 18   | 35     | 59     | 0.3       | 3.9     | 0.99  | 95.5      | 40.2499 | 35.0215 |
| 2009 | 6     | 26  | 18   | 45     | 59     | 0.3       | 3.9     | 1.01  | 98        | 40.2499 | 35.6118 |
| 2009 | 6     | 26  | 18   | 55     | 59     | 0.3       | 3.9     | 0.91  | 95.6      | 40.2848 | 32.2184 |
| 2009 | 6     | 26  | 19   | 5      | 59     | 0.3       | 3.9     | 0.93  | 96.7      | 40.2848 | 33.0449 |
| 2009 | 6     | 26  | 19   | 15     | 59     | 0.3       | 3.9     | 0.91  | 95        | 40.2848 | 32.1004 |
| 2009 | 6     | 26  | 19   | 25     | 59     | 0.3       | 3.9     | 0.92  | 94.1      | 40.2848 | 32.5726 |
| 2009 | 6     | 26  | 19   | 35     | 59     | 0.3       | 3.9     | 0.92  | 93.9      | 40.2848 | 32.8087 |
| 2009 | 6     | 26  | 19   | 45     | 59     | 0.3       | 3.9     | 0.94  | 94.8      | 40.2848 | 33.163  |
| 2009 | 6     | 26  | 19   | 55     | 59     | 0.3       | 3.9     | 1.07  | 96.4      | 40.2848 | 37.7716 |
| 2009 | 6     | 26  | 20   | 5      | 59     | 0.3       | 3.9     | 0.97  | 96        | 40.3196 | 34.2566 |
| 2009 | 6     | 26  | 20   | 15     | 59     | 0.3       | 3.9     | 0.95  | 94.9      | 40.3196 | 33.9019 |
| 2009 | 6     | 26  | 20   | 25     | 59     | 0.3       | 3.9     | 0.95  | 94.7      | 40.3196 | 33.7837 |
| 2009 | 6     | 26  | 20   | 35     | 59     | 0.3       | 3.9     | 0.97  | 95        | 40.3196 | 34.493  |
| 2009 | 6     | 26  | 20   | 45     | 59     | 0.3       | 3.9     | 0.94  | 95.6      | 40.3196 | 33.4291 |
| 2009 | 6     | 26  | 20   | 55     | 59     | 0.3       | 3.9     | 0.97  | 94.4      | 40.3196 | 34.6113 |
| 2009 | 6     | 26  | 21   | 5      | 59     | 0.3       | 3.9     | 0.92  | 94.5      | 40.3196 | 32.8381 |
| 2009 | 6     | 26  | 21   | 15     | 59     | 0.3       | 3.9     | 0.81  | 92.3      | 40.3544 | 28.9669 |
| 2009 | 6     | 26  | 21   | 25     | 59     | 0.3       | 3.9     | 0.81  | 92.3      | 40.3544 | 28.8488 |
| 2009 | 6     | 26  | 21   | 35     | 59     | 0.3       | 3.9     | 0.9   | 96.5      | 40.3544 | 31.9214 |
| 2009 | 6     | 26  | 21   | 45     | 59     | 0.3       | 3.9     | 0.87  | 94.6      | 40.3544 | 30.7393 |
| 2009 | 6     | 26  | 21   | 55     | 59     | 0.3       | 3.9     | 0.89  | 91.9      | 40.3544 | 31.685  |
| 2009 | 6     | 26  | 22   | 5      | 59     | 0.3       | 3.9     | 0.85  | 93.3      | 40.3544 | 30.1483 |
| 2009 | 6     | 26  | 22   | 15     | 59     | 0.3       | 3.9     | 0.95  | 95.7      | 40.3544 | 33.8139 |
| 2009 | 6     | 26  | 22   | 25     | 59     | 0.3       | 3.9     | 0.89  | 93.8      | 40.3544 | 31.685  |
| 2009 | 6     | 26  | 22   | 35     | 59     | 0.3       | 3.9     | 1.03  | 95.7      | 40.3544 | 36.418  |
| 2009 | 6     | 26  | 22   | 45     | 59     | 0.3       | 3.9     | 0.82  | 91.2      | 40.3544 | 29.085  |
| 2009 | 6     | 26  | 22   | 55     | 59     | 0.3       | 3.9     | 0.94  | 97.6      | 40.3544 | 33.3407 |
| 2009 | 6     | 26  | 23   | 5      | 59     | 0.3       | 3.9     | 1.01  | 95.2      | 40.3544 | 36.0628 |
| 2009 | 6     | 26  | 23   | 15     | 59     | 0.3       | 3.9     | 0.9   | 95.6      | 40.3544 | 32.0397 |
| 2009 | 6     | 26  | 23   | 25     | 59     | 0.3       | 3.9     | 0.89  | 94.9      | 40.3544 | 31.4485 |
| 2009 | 6     | 26  | 23   | 35     | 59     | 0.3       | 3.9     | 0.93  | 96.1      | 40.3891 | 33.0153 |
| 2009 | 6     | 26  | 23   | 45     | 59     | 0.3       | 3.9     | 0.9   | 92.3      | 40.3891 | 32.0683 |
| 2009 | 6     | 26  | 23   | 55     | 59     | 0.3       | 3.9     | 0.93  | 94.4      | 40.3891 | 33.1337 |
| 2009 | 6     | 27  | 0    | 5      | 59     | 0.3       | 3.9     | 0.87  | 95.6      | 40.3891 | 30.7668 |
| 2009 | 6     | 27  | 0    | 15     | 59     | 0.3       | 3.9     | 0.99  | 95.7      | 40.3891 | 35.1471 |
| 2009 | 6     | 27  | 0    | 25     | 59     | 0.3       | 3.9     | 0.92  | 93.9      | 40.4239 | 32.8078 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 27  | 0    | 35     | 59     | 0.3       | 3.9     | 0.94  | 97.4      | 40.4239 | 33.4003 |
| 2009 | 6     | 27  | 0    | 45     | 59     | 0.3       | 3.9     | 1.06  | 96.4      | 40.4587 | 37.5845 |
| 2009 | 6     | 27  | 0    | 55     | 59     | 0.3       | 3.9     | 0.95  | 95.7      | 40.4587 | 33.9047 |
| 2009 | 6     | 27  | 1    | 5      | 59     | 0.3       | 3.9     | 0.94  | 97        | 40.4934 | 33.46   |
| 2009 | 6     | 27  | 1    | 15     | 59     | 0.3       | 3.9     | 0.96  | 96.6      | 40.5282 | 34.3217 |
| 2009 | 6     | 27  | 1    | 25     | 59     | 0.3       | 3.9     | 1.01  | 95.8      | 40.5282 | 36.1051 |
| 2009 | 6     | 27  | 1    | 35     | 59     | 0.3       | 3.9     | 0.85  | 91.8      | 40.5629 | 30.4289 |
| 2009 | 6     | 27  | 1    | 45     | 59     | 0.3       | 3.9     | 0.97  | 97.8      | 40.5629 | 34.4712 |
| 2009 | 6     | 27  | 1    | 55     | 59     | 0.3       | 3.9     | 0.86  | 92        | 40.5629 | 30.9042 |
| 2009 | 6     | 27  | 2    | 5      | 59     | 0.3       | 3.9     | 0.87  | 94.1      | 40.5629 | 31.023  |
| 2009 | 6     | 27  | 2    | 15     | 59     | 0.3       | 3.9     | 0.93  | 95.5      | 40.5629 | 33.0438 |
| 2009 | 6     | 27  | 2    | 25     | 59     | 0.3       | 3.9     | 0.83  | 91.1      | 40.5976 | 29.6237 |
| 2009 | 6     | 27  | 2    | 35     | 59     | 0.3       | 3.9     | 0.84  | 92.7      | 40.5976 | 29.9803 |
| 2009 | 6     | 27  | 2    | 45     | 59     | 0.3       | 3.9     | 0.92  | 94.1      | 40.5976 | 33.0732 |
| 2009 | 6     | 27  | 2    | 55     | 59     | 0.3       | 3.9     | 0.95  | 97.6      | 40.5976 | 33.6684 |
| 2009 | 6     | 27  | 3    | 5      | 59     | 0.3       | 3.9     | 0.85  | 93.7      | 40.5976 | 30.5748 |
| 2009 | 6     | 27  | 3    | 15     | 59     | 0.3       | 3.9     | 1.02  | 94.6      | 40.5976 | 36.6459 |
| 2009 | 6     | 27  | 3    | 25     | 59     | 0.3       | 3.9     | 0.89  | 95.1      | 40.5976 | 31.8832 |
| 2009 | 6     | 27  | 3    | 35     | 59     | 0.3       | 3.9     | 0.94  | 94.6      | 40.5976 | 33.7874 |
| 2009 | 6     | 27  | 3    | 45     | 59     | 0.3       | 3.9     | 0.88  | 94        | 40.5976 | 31.6453 |
| 2009 | 6     | 27  | 3    | 55     | 59     | 0.3       | 3.9     | 0.98  | 96.3      | 40.5976 | 35.0972 |
| 2009 | 6     | 27  | 4    | 5      | 59     | 0.3       | 3.9     | 0.86  | 94.1      | 40.5976 | 30.8127 |
| 2009 | 6     | 27  | 4    | 15     | 59     | 0.3       | 3.9     | 0.97  | 95.6      | 40.5976 | 34.6209 |
| 2009 | 6     | 27  | 4    | 25     | 59     | 0.3       | 3.9     | 0.94  | 98.2      | 40.5976 | 33.4303 |
| 2009 | 6     | 27  | 4    | 35     | 59     | 0.3       | 3.9     | 0.85  | 93.5      | 40.5976 | 30.5748 |
| 2009 | 6     | 27  | 4    | 45     | 59     | 0.3       | 3.9     | 1.02  | 97.4      | 40.5976 | 36.4076 |
| 2009 | 6     | 27  | 4    | 55     | 59     | 0.3       | 3.9     | 0.93  | 96.1      | 40.5976 | 33.3113 |
| 2009 | 6     | 27  | 5    | 5      | 59     | 0.3       | 3.9     | 1.01  | 97.4      | 40.5976 | 36.0501 |
| 2009 | 6     | 27  | 5    | 15     | 59     | 0.3       | 3.9     | 0.92  | 95.5      | 40.5976 | 32.7162 |
| 2009 | 6     | 27  | 5    | 25     | 59     | 0.3       | 3.9     | 0.81  | 90.9      | 40.6324 | 28.9362 |
| 2009 | 6     | 27  | 5    | 35     | 59     | 0.3       | 3.9     | 0.86  | 96.3      | 40.5976 | 30.6938 |
| 2009 | 6     | 27  | 5    | 45     | 59     | 0.3       | 3.9     | 0.9   | 94        | 40.5976 | 32.1212 |
| 2009 | 6     | 27  | 5    | 55     | 59     | 0.3       | 3.9     | 0.76  | 89        | 40.5976 | 27.2472 |
| 2009 | 6     | 27  | 6    | 5      | 59     | 0.3       | 3.9     | 0.98  | 97.1      | 40.6324 | 34.89   |
| 2009 | 6     | 27  | 6    | 15     | 59     | 0.3       | 3.9     | 0.92  | 97.8      | 40.5976 | 32.5972 |
| 2009 | 6     | 27  | 6    | 25     | 59     | 0.3       | 3.9     | 1.02  | 97        | 40.6324 | 36.5591 |
| 2009 | 6     | 27  | 6    | 35     | 59     | 0.3       | 3.9     | 0.84  | 92.2      | 40.6324 | 30.2449 |
| 2009 | 6     | 27  | 6    | 45     | 59     | 0.3       | 3.9     | 0.97  | 98.6      | 40.6324 | 34.2941 |
| 2009 | 6     | 27  | 6    | 55     | 59     | 0.3       | 3.9     | 0.95  | 94.2      | 40.6324 | 33.9366 |
| 2009 | 6     | 27  | 7    | 5      | 59     | 0.3       | 3.9     | 0.98  | 97.1      | 40.6324 | 34.89   |
| 2009 | 6     | 27  | 7    | 15     | 59     | 0.3       | 3.9     | 1     | 97.9      | 40.6324 | 35.6052 |
| 2009 | 6     | 27  | 7    | 25     | 59     | 0.3       | 3.9     | 0.99  | 97.5      | 40.6324 | 35.1284 |
| 2009 | 6     | 27  | 7    | 35     | 59     | 0.3       | 3.9     | 0.89  | 95.1      | 40.6324 | 31.6734 |
| 2009 | 6     | 27  | 7    | 45     | 59     | 0.3       | 3.9     | 0.92  | 96.4      | 40.6324 | 32.7452 |
| 2009 | 6     | 27  | 7    | 55     | 59     | 0.3       | 3.9     | 0.95  | 95.9      | 40.6324 | 34.0557 |
| 2009 | 6     | 27  | 8    | 5      | 59     | 0.3       | 3.9     | 0.93  | 93.6      | 40.6324 | 33.3408 |
| 2009 | 6     | 27  | 8    | 15     | 59     | 0.3       | 3.9     | 0.9   | 98.1      | 40.6324 | 32.1497 |
| 2009 | 6     | 27  | 8    | 25     | 59     | 0.3       | 3.9     | 0.99  | 98        | 40.6324 | 35.3668 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 27  | 8    | 35     | 59     | 0.3       | 3.9     | 0.94  | 97.2      | 40.6324 | 33.3408 |
| 2009 | 6     | 27  | 8    | 45     | 59     | 0.3       | 3.9     | 0.96  | 94.5      | 40.6671 | 34.563  |
| 2009 | 6     | 27  | 8    | 55     | 59     | 0.3       | 3.9     | 0.97  | 96        | 40.6671 | 34.8016 |
| 2009 | 6     | 27  | 9    | 5      | 59     | 0.3       | 3.9     | 0.9   | 94.8      | 40.6671 | 32.059  |
| 2009 | 6     | 27  | 9    | 15     | 59     | 0.3       | 3.9     | 0.99  | 97        | 40.6671 | 35.3981 |
| 2009 | 6     | 27  | 9    | 25     | 59     | 0.3       | 3.9     | 0.92  | 93.3      | 40.6671 | 33.0127 |
| 2009 | 6     | 27  | 9    | 35     | 59     | 0.3       | 3.9     | 0.96  | 94.5      | 40.6671 | 34.563  |
| 2009 | 6     | 27  | 9    | 45     | 59     | 0.3       | 3.9     | 0.89  | 96.2      | 40.6671 | 31.7015 |
| 2009 | 6     | 27  | 9    | 55     | 59     | 0.3       | 3.9     | 0.89  | 94.5      | 40.6671 | 31.7015 |
| 2009 | 6     | 27  | 10   | 5      | 59     | 0.3       | 3.9     | 0.78  | 87.8      | 40.6671 | 28.1286 |
| 2009 | 6     | 27  | 10   | 15     | 59     | 0.3       | 3.9     | 0.99  | 94.7      | 40.6671 | 35.6368 |
| 2009 | 6     | 27  | 10   | 25     | 59     | 0.3       | 3.9     | 1     | 95.5      | 40.6671 | 35.6368 |
| 2009 | 6     | 27  | 10   | 35     | 59     | 0.3       | 3.9     | 0.91  | 94.1      | 40.6671 | 32.7742 |
| 2009 | 6     | 27  | 10   | 45     | 59     | 0.3       | 3.9     | 0.84  | 92.7      | 40.6671 | 30.1527 |
| 2009 | 6     | 27  | 10   | 55     | 59     | 0.3       | 3.9     | 0.94  | 92.6      | 40.6671 | 33.6089 |
| 2009 | 6     | 27  | 11   | 5      | 59     | 0.3       | 3.9     | 0.98  | 95.6      | 40.6671 | 35.0402 |
| 2009 | 6     | 27  | 11   | 15     | 59     | 0.3       | 3.9     | 0.96  | 95.7      | 40.6671 | 34.4437 |
| 2009 | 6     | 27  | 11   | 25     | 59     | 0.3       | 3.9     | 1.01  | 96.9      | 40.6671 | 36.2335 |
| 2009 | 6     | 27  | 11   | 35     | 59     | 0.3       | 3.9     | 1.02  | 96.9      | 40.6671 | 36.3528 |
| 2009 | 6     | 27  | 11   | 45     | 59     | 0.3       | 3.9     | 0.93  | 96.5      | 40.6671 | 33.1319 |
| 2009 | 6     | 27  | 11   | 55     | 59     | 0.3       | 3.9     | 0.9   | 94.2      | 40.6671 | 32.4166 |
| 2009 | 6     | 27  | 12   | 5      | 59     | 0.3       | 3.9     | 1.01  | 95.8      | 40.6671 | 36.2335 |
| 2009 | 6     | 27  | 12   | 15     | 59     | 0.3       | 3.9     | 0.91  | 93.1      | 40.6671 | 32.7742 |
| 2009 | 6     | 27  | 12   | 25     | 59     | 0.3       | 3.9     | 1.01  | 97.8      | 40.6671 | 36.1141 |
| 2009 | 6     | 27  | 12   | 35     | 59     | 0.3       | 3.9     | 0.91  | 98.5      | 40.6671 | 32.2974 |
| 2009 | 6     | 27  | 12   | 45     | 59     | 0.3       | 3.9     | 1     | 96.6      | 40.6671 | 35.7561 |
| 2009 | 6     | 27  | 12   | 55     | 59     | 0.3       | 3.9     | 0.97  | 97.4      | 40.6671 | 34.6823 |
| 2009 | 6     | 27  | 13   | 5      | 59     | 0.3       | 3.9     | 0.98  | 93.6      | 40.6671 | 35.2788 |
| 2009 | 6     | 27  | 13   | 15     | 59     | 0.3       | 3.9     | 0.93  | 96.7      | 40.6671 | 33.2512 |
| 2009 | 6     | 27  | 13   | 25     | 59     | 0.3       | 3.9     | 0.98  | 96.9      | 40.6671 | 35.0402 |
| 2009 | 6     | 27  | 13   | 35     | 59     | 0.3       | 3.9     | 0.98  | 97.7      | 40.7018 | 35.0712 |
| 2009 | 6     | 27  | 13   | 45     | 59     | 0.3       | 3.9     | 0.97  | 97.4      | 40.7018 | 34.5936 |
| 2009 | 6     | 27  | 13   | 55     | 59     | 0.3       | 3.9     | 0.98  | 96.1      | 40.7018 | 35.1907 |
| 2009 | 6     | 27  | 14   | 5      | 59     | 0.3       | 3.9     | 1     | 95.7      | 40.7018 | 35.6683 |
| 2009 | 6     | 27  | 14   | 15     | 59     | 0.3       | 3.9     | 0.98  | 95.4      | 40.7018 | 35.1907 |
| 2009 | 6     | 27  | 14   | 25     | 59     | 0.3       | 3.9     | 0.97  | 97.7      | 40.7018 | 34.713  |
| 2009 | 6     | 27  | 14   | 35     | 59     | 0.3       | 3.9     | 1.01  | 98        | 40.6671 | 36.1141 |
| 2009 | 6     | 27  | 14   | 45     | 59     | 0.3       | 3.9     | 1.01  | 95.4      | 40.6671 | 36.3528 |
| 2009 | 6     | 27  | 14   | 55     | 59     | 0.3       | 3.9     | 0.96  | 95.9      | 40.6671 | 34.4437 |
| 2009 | 6     | 27  | 15   | 5      | 59     | 0.3       | 3.9     | 0.99  | 94.6      | 40.7018 | 35.4295 |
| 2009 | 6     | 27  | 15   | 15     | 59     | 0.3       | 3.9     | 0.95  | 94.7      | 40.6671 | 34.0859 |
| 2009 | 6     | 27  | 15   | 25     | 59     | 0.3       | 3.9     | 0.98  | 97.5      | 40.6671 | 34.9209 |
| 2009 | 6     | 27  | 15   | 35     | 59     | 0.3       | 3.9     | 0.96  | 97.8      | 40.6671 | 34.3245 |
| 2009 | 6     | 27  | 15   | 45     | 59     | 0.3       | 3.9     | 0.94  | 96.8      | 40.6671 | 33.7281 |
| 2009 | 6     | 27  | 15   | 55     | 59     | 0.3       | 3.9     | 1     | 96.2      | 40.6671 | 35.6368 |
| 2009 | 6     | 27  | 16   | 5      | 59     | 0.3       | 3.9     | 0.97  | 97.4      | 40.6671 | 34.4437 |
| 2009 | 6     | 27  | 16   | 15     | 59     | 0.3       | 3.9     | 0.98  | 94.2      | 40.6324 | 35.2476 |
| 2009 | 6     | 27  | 16   | 25     | 59     | 0.3       | 3.9     | 1.04  | 96.7      | 40.6324 | 37.0362 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 27  | 16   | 35     | 59     | 0.3       | 3.9     | 0.97  | 93.3      | 40.6324 | 34.89   |
| 2009 | 6     | 27  | 16   | 45     | 59     | 0.3       | 3.9     | 1.01  | 98.6      | 40.6324 | 35.7244 |
| 2009 | 6     | 27  | 16   | 55     | 59     | 0.3       | 3.9     | 0.96  | 97.2      | 40.6324 | 34.2941 |
| 2009 | 6     | 27  | 17   | 5      | 59     | 0.3       | 3.9     | 0.92  | 94.5      | 40.6324 | 32.8643 |
| 2009 | 6     | 27  | 17   | 15     | 59     | 0.3       | 3.9     | 0.92  | 94.9      | 40.5976 | 32.7162 |
| 2009 | 6     | 27  | 17   | 25     | 59     | 0.3       | 3.9     | 0.98  | 98.1      | 40.5976 | 34.859  |
| 2009 | 6     | 27  | 17   | 35     | 59     | 0.3       | 3.9     | 0.92  | 98        | 40.5629 | 32.6871 |
| 2009 | 6     | 27  | 17   | 45     | 59     | 0.3       | 3.9     | 1.04  | 98.7      | 40.5629 | 36.7324 |
| 2009 | 6     | 27  | 17   | 55     | 59     | 0.3       | 3.9     | 1.02  | 96.7      | 40.5976 | 36.2884 |
| 2009 | 6     | 27  | 18   | 5      | 59     | 0.3       | 3.9     | 0.98  | 96.6      | 40.5629 | 34.8281 |
| 2009 | 6     | 27  | 18   | 15     | 59     | 0.3       | 3.9     | 0.91  | 93.5      | 40.5976 | 32.7162 |
| 2009 | 6     | 27  | 18   | 25     | 59     | 0.3       | 3.9     | 0.98  | 95.8      | 40.5629 | 34.8281 |
| 2009 | 6     | 27  | 18   | 35     | 59     | 0.3       | 3.9     | 0.95  | 95.6      | 40.5629 | 33.8764 |
| 2009 | 6     | 27  | 18   | 45     | 59     | 0.3       | 3.9     | 0.92  | 95.9      | 40.5629 | 32.806  |
| 2009 | 6     | 27  | 18   | 55     | 59     | 0.3       | 3.9     | 1     | 97        | 40.5976 | 35.5736 |
| 2009 | 6     | 27  | 19   | 5      | 59     | 0.3       | 3.9     | 0.89  | 95.1      | 40.5976 | 31.7643 |
| 2009 | 6     | 27  | 19   | 15     | 59     | 0.3       | 3.9     | 0.95  | 95.9      | 40.5629 | 33.9953 |
| 2009 | 6     | 27  | 19   | 25     | 59     | 0.3       | 3.9     | 0.96  | 96.9      | 40.5976 | 34.0255 |
| 2009 | 6     | 27  | 19   | 35     | 59     | 0.3       | 3.9     | 0.94  | 94.4      | 40.5976 | 33.6684 |
| 2009 | 6     | 27  | 19   | 45     | 59     | 0.3       | 3.9     | 0.95  | 96.9      | 40.5976 | 33.9065 |
| 2009 | 6     | 27  | 19   | 55     | 59     | 0.3       | 3.9     | 0.98  | 97.1      | 40.5976 | 34.859  |
| 2009 | 6     | 27  | 20   | 5      | 59     | 0.3       | 3.9     | 0.96  | 96.4      | 40.5976 | 34.3827 |
| 2009 | 6     | 27  | 20   | 15     | 59     | 0.3       | 3.9     | 0.97  | 97.4      | 40.6324 | 34.5324 |
| 2009 | 6     | 27  | 20   | 25     | 59     | 0.3       | 3.9     | 0.91  | 93.3      | 40.6324 | 32.6261 |
| 2009 | 6     | 27  | 20   | 35     | 59     | 0.3       | 3.9     | 0.8   | 91.4      | 40.6324 | 28.5794 |
| 2009 | 6     | 27  | 20   | 45     | 59     | 0.3       | 3.9     | 0.94  | 94        | 40.6324 | 33.8174 |
| 2009 | 6     | 27  | 20   | 55     | 59     | 0.3       | 3.9     | 0.96  | 96.7      | 40.6324 | 34.2941 |
| 2009 | 6     | 27  | 21   | 5      | 59     | 0.3       | 3.9     | 1.03  | 97.7      | 40.6324 | 36.5591 |
| 2009 | 6     | 27  | 21   | 15     | 59     | 0.3       | 3.9     | 0.88  | 91.7      | 40.6671 | 31.4632 |
| 2009 | 6     | 27  | 21   | 25     | 59     | 0.3       | 3.9     | 0.85  | 92.4      | 40.6671 | 30.6291 |
| 2009 | 6     | 27  | 21   | 35     | 59     | 0.3       | 3.9     | 0.84  | 92        | 40.6671 | 30.1527 |
| 2009 | 6     | 27  | 21   | 45     | 59     | 0.3       | 3.9     | 0.96  | 96.7      | 40.6671 | 34.2052 |
| 2009 | 6     | 27  | 21   | 55     | 59     | 0.3       | 3.9     | 0.9   | 93.4      | 40.6671 | 32.1782 |
| 2009 | 6     | 27  | 22   | 5      | 59     | 0.3       | 3.9     | 1.02  | 96.3      | 40.6671 | 36.4722 |
| 2009 | 6     | 27  | 22   | 15     | 59     | 0.3       | 3.9     | 0.95  | 97.5      | 40.6671 | 33.8474 |
| 2009 | 6     | 27  | 22   | 25     | 59     | 0.3       | 3.9     | 0.95  | 97.7      | 40.6671 | 33.9667 |
| 2009 | 6     | 27  | 22   | 35     | 59     | 0.3       | 3.9     | 1.02  | 96.7      | 40.6671 | 36.3528 |
| 2009 | 6     | 27  | 22   | 45     | 59     | 0.3       | 3.9     | 0.96  | 96.1      | 40.6671 | 34.3245 |
| 2009 | 6     | 27  | 22   | 55     | 59     | 0.3       | 3.9     | 0.86  | 93.1      | 40.6671 | 30.7483 |
| 2009 | 6     | 27  | 23   | 5      | 59     | 0.3       | 3.9     | 1.02  | 96.1      | 40.6671 | 36.3528 |
| 2009 | 6     | 27  | 23   | 15     | 59     | 0.3       | 3.9     | 0.86  | 90.9      | 40.6671 | 30.7483 |
| 2009 | 6     | 27  | 23   | 25     | 59     | 0.3       | 3.9     | 0.99  | 95.3      | 40.6671 | 35.2788 |
| 2009 | 6     | 27  | 23   | 35     | 59     | 0.3       | 3.9     | 0.93  | 96.3      | 40.6671 | 33.1319 |
| 2009 | 6     | 27  | 23   | 45     | 59     | 0.3       | 3.9     | 0.92  | 96.1      | 40.6671 | 33.0127 |
| 2009 | 6     | 27  | 23   | 55     | 59     | 0.3       | 3.9     | 0.97  | 94.9      | 40.6671 | 34.6823 |
| 2009 | 6     | 28  | 0    | 5      | 59     | 0.3       | 3.9     | 0.95  | 96.4      | 40.6671 | 33.8474 |
| 2009 | 6     | 28  | 0    | 15     | 59     | 0.3       | 3.9     | 0.93  | 95.9      | 40.6671 | 33.1319 |
| 2009 | 6     | 28  | 0    | 25     | 59     | 0.3       | 3.9     | 0.89  | 92.5      | 40.6671 | 31.8207 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 28  | 0    | 35     | 59     | 0.3       | 3.9     | 0.98  | 95.6      | 40.6671 | 34.9209 |
| 2009 | 6     | 28  | 0    | 45     | 59     | 0.3       | 3.9     | 0.99  | 97        | 40.6671 | 35.3981 |
| 2009 | 6     | 28  | 0    | 55     | 59     | 0.3       | 3.9     | 0.91  | 95.8      | 40.6671 | 32.5358 |
| 2009 | 6     | 28  | 1    | 5      | 59     | 0.3       | 3.9     | 0.96  | 96.1      | 40.6671 | 34.4437 |
| 2009 | 6     | 28  | 1    | 15     | 59     | 0.3       | 3.9     | 0.97  | 96        | 40.6671 | 34.6823 |
| 2009 | 6     | 28  | 1    | 25     | 59     | 0.3       | 3.9     | 0.92  | 95.7      | 40.6671 | 32.8935 |
| 2009 | 6     | 28  | 1    | 35     | 59     | 0.3       | 3.9     | 0.97  | 94.5      | 40.6671 | 34.8016 |
| 2009 | 6     | 28  | 1    | 45     | 59     | 0.3       | 3.9     | 0.93  | 94.2      | 40.6671 | 33.4896 |
| 2009 | 6     | 28  | 1    | 55     | 59     | 0.3       | 3.9     | 0.83  | 91.1      | 40.6671 | 29.7954 |
| 2009 | 6     | 28  | 2    | 5      | 59     | 0.3       | 3.9     | 0.84  | 92.2      | 40.6671 | 30.1527 |
| 2009 | 6     | 28  | 2    | 15     | 59     | 0.3       | 3.9     | 0.96  | 95.5      | 40.6671 | 34.4437 |
| 2009 | 6     | 28  | 2    | 25     | 59     | 0.3       | 3.9     | 0.95  | 96.7      | 40.6671 | 34.0859 |
| 2009 | 6     | 28  | 2    | 35     | 59     | 0.3       | 3.9     | 0.87  | 93        | 40.6671 | 31.344  |
| 2009 | 6     | 28  | 2    | 45     | 59     | 0.3       | 3.9     | 0.95  | 97.7      | 40.6671 | 33.8474 |
| 2009 | 6     | 28  | 2    | 55     | 59     | 0.3       | 3.9     | 0.97  | 95.3      | 40.6671 | 34.563  |
| 2009 | 6     | 28  | 3    | 5      | 59     | 0.3       | 3.9     | 0.98  | 97.7      | 40.6671 | 34.8016 |
| 2009 | 6     | 28  | 3    | 15     | 59     | 0.3       | 3.9     | 0.92  | 91.8      | 40.6671 | 33.0127 |
| 2009 | 6     | 28  | 3    | 25     | 59     | 0.3       | 3.9     | 1.04  | 96.5      | 40.6671 | 37.069  |
| 2009 | 6     | 28  | 3    | 35     | 59     | 0.3       | 3.9     | 0.91  | 94.1      | 40.6671 | 32.5358 |
| 2009 | 6     | 28  | 3    | 45     | 59     | 0.3       | 3.9     | 0.88  | 95.6      | 40.6671 | 31.4632 |
| 2009 | 6     | 28  | 3    | 55     | 59     | 0.3       | 3.9     | 0.77  | 91.2      | 40.6671 | 27.5336 |
| 2009 | 6     | 28  | 4    | 5      | 59     | 0.3       | 3.9     | 0.86  | 92.8      | 40.6671 | 30.8674 |
| 2009 | 6     | 28  | 4    | 15     | 59     | 0.3       | 3.9     | 0.99  | 96.9      | 40.6671 | 35.2788 |
| 2009 | 6     | 28  | 4    | 25     | 59     | 0.3       | 3.9     | 0.96  | 94.3      | 40.6671 | 34.3245 |
| 2009 | 6     | 28  | 4    | 35     | 59     | 0.3       | 3.9     | 1.01  | 97.3      | 40.6671 | 35.9948 |
| 2009 | 6     | 28  | 4    | 45     | 59     | 0.3       | 3.9     | 0.79  | 88.8      | 40.6671 | 28.2476 |
| 2009 | 6     | 28  | 4    | 55     | 59     | 0.3       | 3.9     | 0.98  | 96.4      | 40.6671 | 34.9209 |
| 2009 | 6     | 28  | 5    | 5      | 59     | 0.3       | 3.9     | 0.99  | 96.8      | 40.6671 | 35.3981 |
| 2009 | 6     | 28  | 5    | 15     | 59     | 0.3       | 3.9     | 0.79  | 91.2      | 40.6671 | 28.2476 |
| 2009 | 6     | 28  | 5    | 25     | 59     | 0.3       | 3.9     | 0.84  | 91.6      | 40.6671 | 30.0335 |
| 2009 | 6     | 28  | 5    | 35     | 59     | 0.3       | 3.9     | 0.88  | 94.1      | 40.6671 | 31.5823 |
| 2009 | 6     | 28  | 5    | 45     | 59     | 0.3       | 3.9     | 0.85  | 95.5      | 40.6671 | 30.3909 |
| 2009 | 6     | 28  | 5    | 55     | 59     | 0.3       | 3.9     | 0.94  | 99.6      | 40.6671 | 33.3704 |
| 2009 | 6     | 28  | 6    | 5      | 59     | 0.3       | 3.9     | 0.96  | 97.4      | 40.7018 | 34.3549 |
| 2009 | 6     | 28  | 6    | 15     | 59     | 0.3       | 3.9     | 1.03  | 97.5      | 40.6671 | 36.7109 |
| 2009 | 6     | 28  | 6    | 25     | 59     | 0.3       | 3.9     | 0.89  | 94        | 40.7018 | 31.8488 |
| 2009 | 6     | 28  | 6    | 35     | 59     | 0.3       | 3.9     | 1     | 96.2      | 40.7018 | 35.6683 |
| 2009 | 6     | 28  | 6    | 45     | 59     | 0.3       | 3.9     | 0.88  | 93.4      | 40.7018 | 31.491  |
| 2009 | 6     | 28  | 6    | 55     | 59     | 0.3       | 3.9     | 1     | 97.9      | 40.7018 | 35.5489 |
| 2009 | 6     | 28  | 7    | 5      | 59     | 0.3       | 3.9     | 0.91  | 94.8      | 40.7018 | 32.4453 |
| 2009 | 6     | 28  | 7    | 15     | 59     | 0.3       | 3.9     | 1.02  | 94.6      | 40.7018 | 36.5045 |
| 2009 | 6     | 28  | 7    | 25     | 59     | 0.3       | 3.9     | 0.88  | 99.2      | 40.7018 | 31.2525 |
| 2009 | 6     | 28  | 7    | 35     | 59     | 0.3       | 3.9     | 0.91  | 93.5      | 40.7018 | 32.5646 |
| 2009 | 6     | 28  | 7    | 45     | 59     | 0.3       | 3.9     | 0.99  | 98.6      | 40.7018 | 35.0712 |
| 2009 | 6     | 28  | 7    | 55     | 59     | 0.3       | 3.9     | 1.03  | 97.4      | 40.7018 | 36.6239 |
| 2009 | 6     | 28  | 8    | 5      | 59     | 0.3       | 3.9     | 0.94  | 98.6      | 40.7018 | 33.5193 |
| 2009 | 6     | 28  | 8    | 15     | 59     | 0.3       | 3.9     | 0.89  | 95.3      | 40.7365 | 31.9964 |
| 2009 | 6     | 28  | 8    | 25     | 59     | 0.3       | 3.9     | 0.95  | 94.4      | 40.7365 | 34.0268 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 28  | 8    | 35     | 59     | 0.3       | 3.9     | 1     | 95.3      | 40.7018 | 35.6683 |
| 2009 | 6     | 28  | 8    | 45     | 59     | 0.3       | 3.9     | 0.96  | 96.9      | 40.7018 | 34.3549 |
| 2009 | 6     | 28  | 8    | 55     | 59     | 0.3       | 3.9     | 1.04  | 98        | 40.7365 | 37.0151 |
| 2009 | 6     | 28  | 9    | 5      | 59     | 0.3       | 3.9     | 1.03  | 96.1      | 40.7365 | 36.7759 |
| 2009 | 6     | 28  | 9    | 15     | 59     | 0.3       | 3.9     | 0.95  | 97.3      | 40.7018 | 33.9967 |
| 2009 | 6     | 28  | 9    | 25     | 59     | 0.3       | 3.9     | 1.01  | 95        | 40.7365 | 36.2976 |
| 2009 | 6     | 28  | 9    | 35     | 59     | 0.3       | 3.9     | 0.97  | 96        | 40.7365 | 34.8632 |
| 2009 | 6     | 28  | 9    | 45     | 59     | 0.3       | 3.9     | 0.97  | 94.5      | 40.7365 | 34.8632 |
| 2009 | 6     | 28  | 9    | 55     | 59     | 0.3       | 3.9     | 0.9   | 94.2      | 40.7365 | 32.2352 |
| 2009 | 6     | 28  | 10   | 5      | 59     | 0.3       | 3.9     | 0.87  | 96.2      | 40.7365 | 31.2801 |
| 2009 | 6     | 28  | 10   | 15     | 59     | 0.3       | 3.9     | 0.82  | 93.7      | 40.7365 | 29.371  |
| 2009 | 6     | 28  | 10   | 25     | 59     | 0.3       | 3.9     | 0.98  | 96.3      | 40.7365 | 35.2218 |
| 2009 | 6     | 28  | 10   | 35     | 59     | 0.3       | 3.9     | 1     | 95.5      | 40.7365 | 35.6999 |
| 2009 | 6     | 28  | 10   | 45     | 59     | 0.3       | 3.9     | 1.03  | 98.4      | 40.7365 | 36.6563 |
| 2009 | 6     | 28  | 10   | 55     | 59     | 0.3       | 3.9     | 0.93  | 98.7      | 40.7365 | 33.1906 |
| 2009 | 6     | 28  | 11   | 5      | 59     | 0.3       | 3.9     | 0.89  | 93.8      | 40.7365 | 32.1158 |
| 2009 | 6     | 28  | 11   | 15     | 59     | 0.3       | 3.9     | 1.02  | 96.6      | 40.7365 | 36.5368 |
| 2009 | 6     | 28  | 11   | 25     | 59     | 0.3       | 3.9     | 1.01  | 96.5      | 40.7365 | 36.1781 |
| 2009 | 6     | 28  | 11   | 35     | 59     | 0.3       | 3.9     | 1.01  | 96.3      | 40.7365 | 36.2976 |
| 2009 | 6     | 28  | 11   | 45     | 59     | 0.3       | 3.9     | 0.99  | 95.5      | 40.7365 | 35.3413 |
| 2009 | 6     | 28  | 11   | 55     | 59     | 0.3       | 3.9     | 0.93  | 97.5      | 40.7365 | 33.0712 |
| 2009 | 6     | 28  | 12   | 5      | 59     | 0.3       | 3.9     | 1.05  | 97.2      | 40.7365 | 37.6131 |
| 2009 | 6     | 28  | 12   | 15     | 59     | 0.3       | 3.9     | 1.04  | 98.3      | 40.7365 | 37.2542 |
| 2009 | 6     | 28  | 12   | 25     | 59     | 0.3       | 3.9     | 0.99  | 97.8      | 40.7365 | 35.3413 |
| 2009 | 6     | 28  | 12   | 35     | 59     | 0.3       | 3.9     | 1.01  | 97.4      | 40.7365 | 36.1781 |
| 2009 | 6     | 28  | 12   | 45     | 59     | 0.3       | 3.9     | 0.95  | 96.5      | 40.7365 | 34.1463 |
| 2009 | 6     | 28  | 12   | 55     | 59     | 0.3       | 3.9     | 0.89  | 92.1      | 40.7365 | 31.877  |
| 2009 | 6     | 28  | 13   | 5      | 59     | 0.3       | 3.9     | 1.04  | 95        | 40.7365 | 37.4935 |
| 2009 | 6     | 28  | 13   | 15     | 59     | 0.3       | 3.9     | 0.97  | 97.2      | 40.7365 | 34.7437 |
| 2009 | 6     | 28  | 13   | 25     | 59     | 0.3       | 3.9     | 0.98  | 95.2      | 40.7711 | 35.1333 |
| 2009 | 6     | 28  | 13   | 35     | 59     | 0.3       | 3.9     | 1.03  | 96.8      | 40.7365 | 36.8955 |
| 2009 | 6     | 28  | 13   | 45     | 59     | 0.3       | 3.9     | 0.99  | 95.3      | 40.7711 | 35.3725 |
| 2009 | 6     | 28  | 13   | 55     | 59     | 0.3       | 3.9     | 1.02  | 96.1      | 40.7711 | 36.4494 |
| 2009 | 6     | 28  | 14   | 5      | 59     | 0.3       | 3.9     | 0.95  | 98.4      | 40.7365 | 33.6684 |
| 2009 | 6     | 28  | 14   | 15     | 59     | 0.3       | 3.9     | 0.95  | 97.3      | 40.7711 | 33.9373 |
| 2009 | 6     | 28  | 14   | 25     | 59     | 0.3       | 3.9     | 1     | 96.2      | 40.7711 | 35.9707 |
| 2009 | 6     | 28  | 14   | 35     | 59     | 0.3       | 3.9     | 0.97  | 98.3      | 40.7711 | 34.7744 |
| 2009 | 6     | 28  | 14   | 45     | 59     | 0.3       | 3.9     | 0.96  | 96.9      | 40.7711 | 34.4156 |
| 2009 | 6     | 28  | 14   | 55     | 59     | 0.3       | 3.9     | 0.94  | 97.2      | 40.7711 | 33.6982 |
| 2009 | 6     | 28  | 15   | 5      | 59     | 0.3       | 3.9     | 1.04  | 98        | 40.7711 | 37.0478 |
| 2009 | 6     | 28  | 15   | 15     | 59     | 0.3       | 3.9     | 0.95  | 97.7      | 40.7711 | 33.9373 |
| 2009 | 6     | 28  | 15   | 25     | 59     | 0.3       | 3.9     | 1.01  | 96.4      | 40.7711 | 36.0904 |
| 2009 | 6     | 28  | 15   | 35     | 59     | 0.3       | 3.9     | 1.03  | 96.8      | 40.7711 | 36.9281 |
| 2009 | 6     | 28  | 15   | 45     | 59     | 0.3       | 3.9     | 0.94  | 97.2      | 40.7711 | 33.6982 |
| 2009 | 6     | 28  | 15   | 55     | 59     | 0.3       | 3.9     | 1.03  | 99.5      | 40.7711 | 36.8084 |
| 2009 | 6     | 28  | 16   | 5      | 59     | 0.3       | 3.9     | 0.96  | 96.1      | 40.7711 | 34.5352 |
| 2009 | 6     | 28  | 16   | 15     | 59     | 0.3       | 3.9     | 1.01  | 97.7      | 40.7365 | 36.0585 |
| 2009 | 6     | 28  | 16   | 25     | 59     | 0.3       | 3.9     | 1.01  | 96.7      | 40.7365 | 36.0585 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 28  | 16   | 35     | 59     | 0.3       | 3.9     | 1.02  | 96.3      | 40.7365 | 36.6563 |
| 2009 | 6     | 28  | 16   | 45     | 59     | 0.3       | 3.9     | 0.98  | 95.7      | 40.7365 | 35.2218 |
| 2009 | 6     | 28  | 16   | 55     | 59     | 0.3       | 3.9     | 0.98  | 94.8      | 40.7365 | 35.2218 |
| 2009 | 6     | 28  | 17   | 5      | 59     | 0.3       | 3.9     | 0.91  | 94.7      | 40.7365 | 32.7129 |
| 2009 | 6     | 28  | 17   | 15     | 59     | 0.3       | 3.9     | 1.02  | 95        | 40.7365 | 36.7759 |
| 2009 | 6     | 28  | 17   | 25     | 59     | 0.3       | 3.9     | 1.02  | 96.5      | 40.7365 | 36.5368 |
| 2009 | 6     | 28  | 17   | 35     | 59     | 0.3       | 3.9     | 1     | 97.5      | 40.7365 | 35.8194 |
| 2009 | 6     | 28  | 17   | 45     | 59     | 0.3       | 3.9     | 1.03  | 96.6      | 40.7365 | 37.0151 |
| 2009 | 6     | 28  | 17   | 55     | 59     | 0.3       | 3.9     | 0.92  | 94.9      | 40.7018 | 33.0419 |
| 2009 | 6     | 28  | 18   | 5      | 59     | 0.3       | 3.9     | 0.94  | 96.8      | 40.7365 | 33.5489 |
| 2009 | 6     | 28  | 18   | 15     | 59     | 0.3       | 3.9     | 0.99  | 98.6      | 40.7365 | 35.2218 |
| 2009 | 6     | 28  | 18   | 25     | 59     | 0.3       | 3.9     | 0.88  | 91.7      | 40.7365 | 31.7576 |
| 2009 | 6     | 28  | 18   | 35     | 59     | 0.3       | 3.9     | 0.97  | 97.2      | 40.7365 | 34.7437 |
| 2009 | 6     | 28  | 18   | 45     | 59     | 0.3       | 3.9     | 1.01  | 95        | 40.7365 | 36.4172 |
| 2009 | 6     | 28  | 18   | 55     | 59     | 0.3       | 3.9     | 0.99  | 96.5      | 40.7365 | 35.4608 |
| 2009 | 6     | 28  | 19   | 5      | 59     | 0.3       | 3.9     | 0.99  | 97.2      | 40.7365 | 35.4608 |
| 2009 | 6     | 28  | 19   | 15     | 59     | 0.3       | 3.9     | 0.96  | 95.7      | 40.7365 | 34.5047 |
| 2009 | 6     | 28  | 19   | 25     | 59     | 0.3       | 3.9     | 0.92  | 93.1      | 40.7365 | 33.1906 |
| 2009 | 6     | 28  | 19   | 35     | 59     | 0.3       | 3.9     | 0.87  | 96.5      | 40.7711 | 31.3078 |
| 2009 | 6     | 28  | 19   | 45     | 59     | 0.3       | 3.9     | 0.99  | 97.2      | 40.7365 | 35.4608 |
| 2009 | 6     | 28  | 19   | 55     | 59     | 0.3       | 3.9     | 0.9   | 93.1      | 40.7711 | 32.2637 |
| 2009 | 6     | 28  | 20   | 5      | 59     | 0.3       | 3.9     | 0.95  | 97.5      | 40.7711 | 34.0569 |
| 2009 | 6     | 28  | 20   | 15     | 59     | 0.3       | 3.9     | 0.9   | 93.1      | 40.7711 | 32.3832 |
| 2009 | 6     | 28  | 20   | 25     | 59     | 0.3       | 3.9     | 0.92  | 94.3      | 40.7711 | 32.9808 |
| 2009 | 6     | 28  | 20   | 35     | 59     | 0.3       | 3.9     | 0.99  | 95.5      | 40.7711 | 35.3725 |
| 2009 | 6     | 28  | 20   | 45     | 59     | 0.3       | 3.9     | 0.95  | 94.9      | 40.7711 | 34.296  |
| 2009 | 6     | 28  | 20   | 55     | 59     | 0.3       | 3.9     | 0.9   | 90.6      | 40.7711 | 32.5027 |
| 2009 | 6     | 28  | 21   | 5      | 59     | 0.3       | 3.9     | 0.87  | 91.3      | 40.7711 | 31.1883 |
| 2009 | 6     | 28  | 21   | 15     | 59     | 0.3       | 3.9     | 0.97  | 94.3      | 40.7711 | 35.0137 |
| 2009 | 6     | 28  | 21   | 25     | 59     | 0.3       | 3.9     | 0.94  | 92        | 40.7711 | 33.6982 |
| 2009 | 6     | 28  | 21   | 35     | 59     | 0.3       | 3.9     | 0.88  | 93.4      | 40.7711 | 31.6662 |
| 2009 | 6     | 28  | 21   | 45     | 59     | 0.3       | 3.9     | 0.88  | 92.1      | 40.7711 | 31.6662 |
| 2009 | 6     | 28  | 21   | 55     | 59     | 0.3       | 3.9     | 0.88  | 94.5      | 40.7711 | 31.5467 |
| 2009 | 6     | 28  | 22   | 5      | 59     | 0.3       | 3.9     | 0.96  | 91.4      | 40.7711 | 34.4156 |
| 2009 | 6     | 28  | 22   | 15     | 59     | 0.3       | 3.9     | 0.83  | 91.1      | 40.7711 | 29.8745 |
| 2009 | 6     | 28  | 22   | 25     | 59     | 0.3       | 3.9     | 1.01  | 97.1      | 40.7711 | 36.21   |
| 2009 | 6     | 28  | 22   | 35     | 59     | 0.3       | 3.9     | 0.94  | 95.2      | 40.7711 | 33.6982 |
| 2009 | 6     | 28  | 22   | 45     | 59     | 0.3       | 3.9     | 0.93  | 94.5      | 40.7711 | 33.3395 |
| 2009 | 6     | 28  | 22   | 55     | 59     | 0.3       | 3.9     | 0.89  | 92.7      | 40.7711 | 32.1442 |
| 2009 | 6     | 28  | 23   | 5      | 59     | 0.3       | 3.9     | 0.91  | 93.9      | 40.7711 | 32.6222 |
| 2009 | 6     | 28  | 23   | 15     | 59     | 0.3       | 3.9     | 0.99  | 95.7      | 40.7711 | 35.4922 |
| 2009 | 6     | 28  | 23   | 25     | 59     | 0.3       | 3.9     | 0.94  | 94.8      | 40.7711 | 33.8177 |
| 2009 | 6     | 28  | 23   | 35     | 59     | 0.3       | 3.9     | 0.84  | 91.6      | 40.7711 | 30.3522 |
| 2009 | 6     | 28  | 23   | 45     | 59     | 0.3       | 3.9     | 1     | 95.5      | 40.7711 | 35.8511 |
| 2009 | 6     | 28  | 23   | 55     | 59     | 0.3       | 3.9     | 0.92  | 94.7      | 40.7711 | 33.1004 |
| 2009 | 6     | 29  | 0    | 5      | 59     | 0.3       | 3.9     | 0.9   | 96.9      | 40.7711 | 32.2637 |
| 2009 | 6     | 29  | 0    | 15     | 59     | 0.3       | 3.9     | 1.04  | 96.4      | 40.7711 | 37.1675 |
| 2009 | 6     | 29  | 0    | 25     | 59     | 0.3       | 3.9     | 0.92  | 95.9      | 40.7711 | 32.9808 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 29  | 0    | 35     | 59     | 0.3       | 3.9     | 0.91  | 93.1      | 40.7711 | 32.7418 |
| 2009 | 6     | 29  | 0    | 45     | 59     | 0.3       | 3.9     | 0.99  | 98.8      | 40.7711 | 35.2529 |
| 2009 | 6     | 29  | 0    | 55     | 59     | 0.3       | 3.9     | 0.9   | 94        | 40.7711 | 32.2637 |
| 2009 | 6     | 29  | 1    | 5      | 59     | 0.3       | 3.9     | 0.94  | 94.8      | 40.7711 | 33.5786 |
| 2009 | 6     | 29  | 1    | 15     | 59     | 0.3       | 3.9     | 0.93  | 95.2      | 40.7711 | 33.459  |
| 2009 | 6     | 29  | 1    | 25     | 59     | 0.3       | 3.9     | 0.93  | 92.8      | 40.7711 | 33.5786 |
| 2009 | 6     | 29  | 1    | 35     | 59     | 0.3       | 3.9     | 0.96  | 96.5      | 40.7711 | 34.4156 |
| 2009 | 6     | 29  | 1    | 45     | 59     | 0.3       | 3.9     | 0.96  | 97.3      | 40.7711 | 34.1765 |
| 2009 | 6     | 29  | 1    | 55     | 59     | 0.3       | 3.9     | 0.99  | 96.5      | 40.7711 | 35.4922 |
| 2009 | 6     | 29  | 2    | 5      | 59     | 0.3       | 3.9     | 0.95  | 93        | 40.7711 | 34.296  |
| 2009 | 6     | 29  | 2    | 15     | 59     | 0.3       | 3.9     | 0.84  | 90.7      | 40.7711 | 30.1133 |
| 2009 | 6     | 29  | 2    | 25     | 59     | 0.3       | 3.9     | 0.95  | 96        | 40.7711 | 33.9373 |
| 2009 | 6     | 29  | 2    | 35     | 59     | 0.3       | 3.9     | 0.93  | 94.6      | 40.7711 | 33.459  |
| 2009 | 6     | 29  | 2    | 45     | 59     | 0.3       | 3.9     | 0.94  | 94.8      | 40.7711 | 33.6982 |
| 2009 | 6     | 29  | 2    | 55     | 59     | 0.3       | 3.9     | 1.02  | 97.6      | 40.7711 | 36.569  |
| 2009 | 6     | 29  | 3    | 5      | 59     | 0.3       | 3.9     | 0.9   | 91        | 40.7711 | 32.3832 |
| 2009 | 6     | 29  | 3    | 15     | 59     | 0.3       | 3.9     | 0.87  | 90.6      | 40.7711 | 31.4273 |
| 2009 | 6     | 29  | 3    | 25     | 59     | 0.3       | 3.9     | 0.93  | 93.9      | 40.7711 | 33.3395 |
| 2009 | 6     | 29  | 3    | 35     | 59     | 0.3       | 3.9     | 0.87  | 91.7      | 40.7711 | 31.4273 |
| 2009 | 6     | 29  | 3    | 45     | 59     | 0.3       | 3.9     | 0.97  | 96.4      | 40.7711 | 34.7744 |
| 2009 | 6     | 29  | 3    | 55     | 59     | 0.3       | 3.9     | 0.94  | 92.4      | 40.7711 | 33.9373 |
| 2009 | 6     | 29  | 4    | 5      | 59     | 0.3       | 3.9     | 0.98  | 96.1      | 40.7711 | 35.2529 |
| 2009 | 6     | 29  | 4    | 15     | 59     | 0.3       | 3.9     | 0.9   | 92.7      | 40.7711 | 32.3832 |
| 2009 | 6     | 29  | 4    | 25     | 59     | 0.3       | 3.9     | 0.93  | 95.9      | 40.8058 | 33.3689 |
| 2009 | 6     | 29  | 4    | 35     | 59     | 0.3       | 3.9     | 1.01  | 96.3      | 40.8058 | 36.3618 |
| 2009 | 6     | 29  | 4    | 45     | 59     | 0.3       | 3.9     | 1.02  | 96.8      | 40.8058 | 36.7211 |
| 2009 | 6     | 29  | 4    | 55     | 59     | 0.3       | 3.9     | 0.95  | 94.6      | 40.8058 | 34.2066 |
| 2009 | 6     | 29  | 5    | 5      | 59     | 0.3       | 3.9     | 1.01  | 94.7      | 40.8058 | 36.242  |
| 2009 | 6     | 29  | 5    | 15     | 59     | 0.3       | 3.9     | 0.96  | 94.3      | 40.8058 | 34.5657 |
| 2009 | 6     | 29  | 5    | 25     | 59     | 0.3       | 3.9     | 0.93  | 93.9      | 40.8058 | 33.3689 |
| 2009 | 6     | 29  | 5    | 35     | 59     | 0.3       | 3.9     | 0.98  | 94.8      | 40.8058 | 35.1643 |
| 2009 | 6     | 29  | 5    | 45     | 59     | 0.3       | 3.9     | 0.94  | 94.4      | 40.8405 | 33.7576 |
| 2009 | 6     | 29  | 5    | 55     | 59     | 0.3       | 3.9     | 0.94  | 96.4      | 40.8058 | 33.7279 |
| 2009 | 6     | 29  | 6    | 5      | 59     | 0.3       | 3.9     | 0.91  | 95.4      | 40.8751 | 32.8285 |
| 2009 | 6     | 29  | 6    | 15     | 59     | 0.3       | 3.9     | 0.95  | 96.1      | 40.8751 | 34.2669 |
| 2009 | 6     | 29  | 6    | 25     | 59     | 0.3       | 3.9     | 1     | 97.9      | 40.8751 | 35.7061 |
| 2009 | 6     | 29  | 6    | 35     | 59     | 0.3       | 3.9     | 0.97  | 96.4      | 40.9098 | 35.0172 |
| 2009 | 6     | 29  | 6    | 45     | 59     | 0.3       | 3.9     | 0.94  | 94.4      | 40.9098 | 33.8171 |
| 2009 | 6     | 29  | 6    | 55     | 59     | 0.3       | 3.9     | 0.97  | 98.2      | 40.9098 | 34.6571 |
| 2009 | 6     | 29  | 7    | 5      | 59     | 0.3       | 3.9     | 0.91  | 94.5      | 40.9098 | 32.9773 |
| 2009 | 6     | 29  | 7    | 15     | 59     | 0.3       | 3.9     | 0.97  | 97        | 40.9444 | 34.9278 |
| 2009 | 6     | 29  | 7    | 25     | 59     | 0.3       | 3.9     | 0.97  | 99.1      | 40.9444 | 34.8077 |
| 2009 | 6     | 29  | 7    | 35     | 59     | 0.3       | 3.9     | 0.98  | 94.4      | 40.9444 | 35.4084 |
| 2009 | 6     | 29  | 7    | 45     | 59     | 0.3       | 3.9     | 0.96  | 96.1      | 40.9444 | 34.6876 |
| 2009 | 6     | 29  | 7    | 55     | 59     | 0.3       | 3.9     | 1.07  | 96.5      | 40.9444 | 38.6541 |
| 2009 | 6     | 29  | 8    | 5      | 59     | 0.3       | 3.9     | 1.03  | 96.4      | 40.9444 | 36.9708 |
| 2009 | 6     | 29  | 8    | 15     | 59     | 0.3       | 3.9     | 0.81  | 91.6      | 40.9444 | 29.4067 |
| 2009 | 6     | 29  | 8    | 25     | 59     | 0.3       | 3.9     | 0.88  | 93.6      | 40.979  | 31.8339 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 29  | 8    | 35     | 59     | 0.3       | 3.9     | 0.95  | 93.8      | 40.9444 | 34.3272 |
| 2009 | 6     | 29  | 8    | 45     | 59     | 0.3       | 3.9     | 1     | 96.8      | 40.9444 | 36.1294 |
| 2009 | 6     | 29  | 8    | 55     | 59     | 0.3       | 3.9     | 0.91  | 95.8      | 40.979  | 32.7949 |
| 2009 | 6     | 29  | 9    | 5      | 59     | 0.3       | 3.9     | 1     | 97.2      | 40.979  | 35.8003 |
| 2009 | 6     | 29  | 9    | 15     | 59     | 0.3       | 3.9     | 0.94  | 94.4      | 40.979  | 33.8765 |
| 2009 | 6     | 29  | 9    | 25     | 59     | 0.3       | 3.9     | 0.91  | 93.5      | 40.979  | 33.0353 |
| 2009 | 6     | 29  | 9    | 35     | 59     | 0.3       | 3.9     | 1.02  | 96.1      | 40.979  | 36.6423 |
| 2009 | 6     | 29  | 9    | 45     | 59     | 0.3       | 3.9     | 0.86  | 92.2      | 40.979  | 30.9932 |
| 2009 | 6     | 29  | 9    | 55     | 59     | 0.3       | 3.9     | 0.91  | 93.9      | 40.9444 | 33.0063 |
| 2009 | 6     | 29  | 10   | 5      | 59     | 0.3       | 3.9     | 0.85  | 94.2      | 40.9444 | 30.4861 |
| 2009 | 6     | 29  | 10   | 15     | 59     | 0.3       | 3.9     | 0.98  | 94.6      | 40.9444 | 35.5286 |
| 2009 | 6     | 29  | 10   | 25     | 59     | 0.3       | 3.9     | 0.99  | 94.4      | 40.9098 | 35.7375 |
| 2009 | 6     | 29  | 10   | 35     | 59     | 0.3       | 3.9     | 0.86  | 92.2      | 40.9444 | 31.086  |
| 2009 | 6     | 29  | 10   | 45     | 59     | 0.3       | 3.9     | 0.78  | 91.2      | 40.9444 | 28.0881 |
| 2009 | 6     | 29  | 10   | 55     | 59     | 0.3       | 3.9     | 1     | 94.2      | 40.9098 | 35.9776 |
| 2009 | 6     | 29  | 11   | 5      | 59     | 0.3       | 3.9     | 1.01  | 96.7      | 40.8751 | 36.3059 |
| 2009 | 6     | 29  | 11   | 15     | 59     | 0.3       | 3.9     | 1.09  | 95.5      | 40.8751 | 39.1866 |
| 2009 | 6     | 29  | 11   | 25     | 59     | 0.3       | 3.9     | 0.97  | 97.4      | 40.8751 | 34.8665 |
| 2009 | 6     | 29  | 11   | 35     | 59     | 0.3       | 3.9     | 0.98  | 96.5      | 40.8751 | 35.2263 |
| 2009 | 6     | 29  | 11   | 45     | 59     | 0.3       | 3.9     | 0.99  | 96.7      | 40.8751 | 35.4662 |
| 2009 | 6     | 29  | 11   | 55     | 59     | 0.3       | 3.9     | 0.99  | 98.6      | 40.8751 | 35.4662 |
| 2009 | 6     | 29  | 12   | 5      | 59     | 0.3       | 3.9     | 0.99  | 97        | 40.8751 | 35.5861 |
| 2009 | 6     | 29  | 12   | 15     | 59     | 0.3       | 3.9     | 0.97  | 94.5      | 40.8751 | 34.9864 |
| 2009 | 6     | 29  | 12   | 25     | 59     | 0.3       | 3.9     | 1.04  | 99.5      | 40.8751 | 37.0259 |
| 2009 | 6     | 29  | 12   | 35     | 59     | 0.3       | 3.9     | 0.99  | 95.7      | 40.8751 | 35.5861 |
| 2009 | 6     | 29  | 12   | 45     | 59     | 0.3       | 3.9     | 1.02  | 95.7      | 40.8751 | 36.5459 |
| 2009 | 6     | 29  | 12   | 55     | 59     | 0.3       | 3.9     | 0.99  | 96.1      | 40.8751 | 35.5861 |
| 2009 | 6     | 29  | 13   | 5      | 59     | 0.3       | 3.9     | 0.99  | 97.5      | 40.8751 | 35.3462 |
| 2009 | 6     | 29  | 13   | 15     | 59     | 0.3       | 3.9     | 0.97  | 96        | 40.8751 | 34.7466 |
| 2009 | 6     | 29  | 13   | 25     | 59     | 0.3       | 3.9     | 0.98  | 98        | 40.8751 | 35.2263 |
| 2009 | 6     | 29  | 13   | 35     | 59     | 0.3       | 3.9     | 1.03  | 98.1      | 40.8751 | 36.9058 |
| 2009 | 6     | 29  | 13   | 45     | 59     | 0.3       | 3.9     | 0.92  | 94.5      | 40.8751 | 33.3079 |
| 2009 | 6     | 29  | 13   | 55     | 59     | 0.3       | 3.9     | 1.03  | 97.2      | 40.8751 | 36.7858 |
| 2009 | 6     | 29  | 14   | 5      | 59     | 0.3       | 3.9     | 0.97  | 98        | 40.8751 | 34.7466 |
| 2009 | 6     | 29  | 14   | 15     | 59     | 0.3       | 3.9     | 0.99  | 95.5      | 40.8751 | 35.4662 |
| 2009 | 6     | 29  | 14   | 25     | 59     | 0.3       | 3.9     | 1.04  | 95.1      | 40.8751 | 37.3859 |
| 2009 | 6     | 29  | 14   | 35     | 59     | 0.3       | 3.9     | 1.01  | 96.5      | 40.8751 | 36.3059 |
| 2009 | 6     | 29  | 14   | 45     | 59     | 0.3       | 3.9     | 1.03  | 94.8      | 40.8751 | 37.0259 |
| 2009 | 6     | 29  | 14   | 55     | 59     | 0.3       | 3.9     | 0.92  | 93.1      | 40.8751 | 33.3079 |
| 2009 | 6     | 29  | 15   | 5      | 59     | 0.3       | 3.9     | 1.03  | 96        | 40.8751 | 37.1459 |
| 2009 | 6     | 29  | 15   | 15     | 59     | 0.3       | 3.9     | 1     | 95.3      | 40.8751 | 35.826  |
| 2009 | 6     | 29  | 15   | 25     | 59     | 0.3       | 3.9     | 1.01  | 97.1      | 40.8751 | 36.1859 |
| 2009 | 6     | 29  | 15   | 35     | 59     | 0.3       | 3.9     | 0.98  | 97.3      | 40.8751 | 35.2263 |
| 2009 | 6     | 29  | 15   | 45     | 59     | 0.3       | 3.9     | 1.03  | 96.4      | 40.8751 | 36.9058 |
| 2009 | 6     | 29  | 15   | 55     | 59     | 0.3       | 3.9     | 1.05  | 96.5      | 40.8751 | 37.6259 |
| 2009 | 6     | 29  | 16   | 5      | 59     | 0.3       | 3.9     | 0.99  | 96.6      | 40.8751 | 35.7061 |
| 2009 | 6     | 29  | 16   | 15     | 59     | 0.3       | 3.9     | 1     | 97.2      | 40.8751 | 35.826  |
| 2009 | 6     | 29  | 16   | 25     | 59     | 0.3       | 3.9     | 1.04  | 97.1      | 40.8751 | 37.3859 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 29  | 16   | 35     | 59     | 0.3       | 3.9     | 0.99  | 95.7      | 40.8751 | 35.7061 |
| 2009 | 6     | 29  | 16   | 45     | 59     | 0.3       | 3.9     | 0.96  | 96.1      | 40.8751 | 34.6267 |
| 2009 | 6     | 29  | 16   | 55     | 59     | 0.3       | 3.9     | 1     | 96.4      | 40.8751 | 35.946  |
| 2009 | 6     | 29  | 17   | 5      | 59     | 0.3       | 3.9     | 0.99  | 97.5      | 40.8751 | 35.3462 |
| 2009 | 6     | 29  | 17   | 15     | 59     | 0.3       | 3.9     | 0.98  | 96.1      | 40.8751 | 35.3462 |
| 2009 | 6     | 29  | 17   | 25     | 59     | 0.3       | 3.9     | 1.02  | 98.1      | 40.8751 | 36.5459 |
| 2009 | 6     | 29  | 17   | 35     | 59     | 0.3       | 3.9     | 0.98  | 98.9      | 40.8751 | 34.9864 |
| 2009 | 6     | 29  | 17   | 45     | 59     | 0.3       | 3.9     | 1.01  | 95.2      | 40.8751 | 36.5459 |
| 2009 | 6     | 29  | 17   | 55     | 59     | 0.3       | 3.9     | 0.94  | 93        | 40.8751 | 34.0271 |
| 2009 | 6     | 29  | 18   | 5      | 59     | 0.3       | 3.9     | 0.99  | 98.6      | 40.8751 | 35.3462 |
| 2009 | 6     | 29  | 18   | 15     | 59     | 0.3       | 3.9     | 0.96  | 96.1      | 40.8751 | 34.6267 |
| 2009 | 6     | 29  | 18   | 25     | 59     | 0.3       | 3.9     | 0.79  | 90.7      | 40.8751 | 28.637  |
| 2009 | 6     | 29  | 18   | 35     | 59     | 0.3       | 3.9     | 1.05  | 96.8      | 40.8751 | 37.7459 |
| 2009 | 6     | 29  | 18   | 45     | 59     | 0.3       | 3.9     | 0.95  | 95.5      | 40.8751 | 34.2669 |
| 2009 | 6     | 29  | 18   | 55     | 59     | 0.3       | 3.9     | 0.93  | 96.5      | 40.8751 | 33.3079 |
| 2009 | 6     | 29  | 19   | 5      | 59     | 0.3       | 3.9     | 1     | 96        | 40.8751 | 36.066  |
| 2009 | 6     | 29  | 19   | 15     | 59     | 0.3       | 3.9     | 0.98  | 98.2      | 40.8751 | 35.2263 |
| 2009 | 6     | 29  | 19   | 25     | 59     | 0.3       | 3.9     | 0.96  | 95.3      | 40.8751 | 34.5067 |
| 2009 | 6     | 29  | 19   | 35     | 59     | 0.3       | 3.9     | 0.9   | 93.6      | 40.8751 | 32.4689 |
| 2009 | 6     | 29  | 19   | 45     | 59     | 0.3       | 3.9     | 0.92  | 94.1      | 40.8751 | 33.188  |
| 2009 | 6     | 29  | 19   | 55     | 59     | 0.3       | 3.9     | 0.94  | 92.6      | 40.8751 | 34.0271 |
| 2009 | 6     | 29  | 20   | 5      | 59     | 0.3       | 3.9     | 0.92  | 93.9      | 40.8751 | 33.0682 |
| 2009 | 6     | 29  | 20   | 15     | 59     | 0.3       | 3.9     | 1.07  | 97.2      | 40.8751 | 38.3461 |
| 2009 | 6     | 29  | 20   | 25     | 59     | 0.3       | 3.9     | 0.85  | 91.1      | 40.8751 | 30.5523 |
| 2009 | 6     | 29  | 20   | 35     | 59     | 0.3       | 3.9     | 1.02  | 96.1      | 40.8751 | 36.7858 |
| 2009 | 6     | 29  | 20   | 45     | 59     | 0.3       | 3.9     | 0.99  | 95.3      | 40.8751 | 35.5861 |
| 2009 | 6     | 29  | 20   | 55     | 59     | 0.3       | 3.9     | 0.99  | 95.1      | 40.8751 | 35.7061 |
| 2009 | 6     | 29  | 21   | 5      | 59     | 0.3       | 3.9     | 0.96  | 95.1      | 40.8751 | 34.6267 |
| 2009 | 6     | 29  | 21   | 15     | 59     | 0.3       | 3.9     | 0.79  | 92.6      | 40.8751 | 28.637  |
| 2009 | 6     | 29  | 21   | 25     | 59     | 0.3       | 3.9     | 0.97  | 96        | 40.8751 | 34.9864 |
| 2009 | 6     | 29  | 21   | 35     | 59     | 0.3       | 3.9     | 0.97  | 95.7      | 40.8751 | 34.7466 |
| 2009 | 6     | 29  | 21   | 45     | 59     | 0.3       | 3.9     | 0.83  | 90        | 40.8751 | 29.9536 |
| 2009 | 6     | 29  | 21   | 55     | 59     | 0.3       | 3.9     | 0.95  | 94.1      | 40.8751 | 34.3868 |
| 2009 | 6     | 29  | 22   | 5      | 59     | 0.3       | 3.9     | 0.93  | 93.4      | 40.8751 | 33.4277 |
| 2009 | 6     | 29  | 22   | 15     | 59     | 0.3       | 3.9     | 0.86  | 91.5      | 40.8751 | 30.9116 |
| 2009 | 6     | 29  | 22   | 25     | 59     | 0.3       | 3.9     | 0.85  | 90.4      | 40.9098 | 30.699  |
| 2009 | 6     | 29  | 22   | 35     | 59     | 0.3       | 3.9     | 0.99  | 96.5      | 40.8751 | 35.4662 |
| 2009 | 6     | 29  | 22   | 45     | 59     | 0.3       | 3.9     | 1.02  | 96.5      | 40.9098 | 36.6981 |
| 2009 | 6     | 29  | 22   | 55     | 59     | 0.3       | 3.9     | 0.99  | 95.1      | 40.9098 | 35.8576 |
| 2009 | 6     | 29  | 23   | 5      | 59     | 0.3       | 3.9     | 0.83  | 94.6      | 40.9098 | 29.7403 |
| 2009 | 6     | 29  | 23   | 15     | 59     | 0.3       | 3.9     | 1.03  | 95.1      | 40.9098 | 37.2986 |
| 2009 | 6     | 29  | 23   | 25     | 59     | 0.3       | 3.9     | 1.05  | 96.8      | 40.9098 | 37.659  |
| 2009 | 6     | 29  | 23   | 35     | 59     | 0.3       | 3.9     | 0.88  | 93        | 40.9098 | 31.6581 |
| 2009 | 6     | 29  | 23   | 45     | 59     | 0.3       | 3.9     | 0.95  | 96.7      | 40.9098 | 34.1771 |
| 2009 | 6     | 29  | 23   | 55     | 59     | 0.3       | 3.9     | 1.03  | 95.1      | 40.9444 | 37.3314 |
| 2009 | 6     | 30  | 0    | 5      | 59     | 0.3       | 3.9     | 0.95  | 94.9      | 40.9444 | 34.3272 |
| 2009 | 6     | 30  | 0    | 15     | 59     | 0.3       | 3.9     | 0.91  | 95.2      | 40.979  | 32.7949 |
| 2009 | 6     | 30  | 0    | 25     | 59     | 0.3       | 3.9     | 0.84  | 92.2      | 40.979  | 30.5129 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 30  | 0    | 35     | 59     | 0.3       | 3.9     | 0.93  | 94.2      | 41.0136 | 33.7859 |
| 2009 | 6     | 30  | 0    | 45     | 59     | 0.3       | 3.9     | 0.98  | 96.4      | 41.0136 | 35.2299 |
| 2009 | 6     | 30  | 0    | 55     | 59     | 0.3       | 3.9     | 1.04  | 96        | 41.0136 | 37.5174 |
| 2009 | 6     | 30  | 1    | 5      | 59     | 0.3       | 3.9     | 0.87  | 96.5      | 41.0482 | 31.4084 |
| 2009 | 6     | 30  | 1    | 15     | 59     | 0.3       | 3.9     | 0.97  | 94.7      | 41.0482 | 35.0198 |
| 2009 | 6     | 30  | 1    | 25     | 59     | 0.3       | 3.9     | 1.05  | 96.6      | 41.0482 | 38.0324 |
| 2009 | 6     | 30  | 1    | 35     | 59     | 0.3       | 3.9     | 0.84  | 90.9      | 41.0482 | 30.4461 |
| 2009 | 6     | 30  | 1    | 45     | 59     | 0.3       | 3.9     | 1.04  | 95.1      | 41.0482 | 37.6708 |
| 2009 | 6     | 30  | 1    | 55     | 59     | 0.3       | 3.9     | 0.95  | 94.8      | 41.0482 | 34.2972 |
| 2009 | 6     | 30  | 2    | 5      | 59     | 0.3       | 3.9     | 0.94  | 96.4      | 41.0482 | 33.9359 |
| 2009 | 6     | 30  | 2    | 15     | 59     | 0.3       | 3.9     | 1.02  | 97.4      | 41.0482 | 36.586  |
| 2009 | 6     | 30  | 2    | 25     | 59     | 0.3       | 3.9     | 0.82  | 89.5      | 41.0828 | 29.6303 |
| 2009 | 6     | 30  | 2    | 35     | 59     | 0.3       | 3.9     | 1     | 97.1      | 41.0482 | 36.104  |
| 2009 | 6     | 30  | 2    | 45     | 59     | 0.3       | 3.9     | 1.04  | 96.9      | 41.0482 | 37.5502 |
| 2009 | 6     | 30  | 2    | 55     | 59     | 0.3       | 3.9     | 0.99  | 95.3      | 41.0828 | 35.6533 |
| 2009 | 6     | 30  | 3    | 5      | 59     | 0.3       | 3.9     | 1     | 94.5      | 41.0828 | 36.2562 |
| 2009 | 6     | 30  | 3    | 15     | 59     | 0.3       | 3.9     | 0.85  | 94.2      | 41.0828 | 30.8339 |
| 2009 | 6     | 30  | 3    | 25     | 59     | 0.3       | 3.9     | 0.96  | 93.3      | 41.0828 | 34.9299 |
| 2009 | 6     | 30  | 3    | 35     | 59     | 0.3       | 3.9     | 0.91  | 93.9      | 41.0828 | 33.0017 |
| 2009 | 6     | 30  | 3    | 45     | 59     | 0.3       | 3.9     | 0.95  | 93.9      | 41.0828 | 34.5683 |
| 2009 | 6     | 30  | 3    | 55     | 59     | 0.3       | 3.9     | 0.98  | 94.2      | 41.0828 | 35.5327 |
| 2009 | 6     | 30  | 4    | 5      | 59     | 0.3       | 3.9     | 0.99  | 97.2      | 41.0828 | 35.7739 |
| 2009 | 6     | 30  | 4    | 15     | 59     | 0.3       | 3.9     | 1.03  | 97.1      | 41.0828 | 37.1005 |
| 2009 | 6     | 30  | 4    | 25     | 59     | 0.3       | 3.9     | 0.94  | 94.2      | 41.0828 | 34.0862 |
| 2009 | 6     | 30  | 4    | 35     | 59     | 0.3       | 3.9     | 0.89  | 91.5      | 41.1174 | 32.1866 |
| 2009 | 6     | 30  | 4    | 45     | 59     | 0.3       | 3.9     | 0.98  | 96.4      | 41.1174 | 35.3224 |
| 2009 | 6     | 30  | 4    | 55     | 59     | 0.3       | 3.9     | 1     | 97.9      | 41.0828 | 36.1356 |
| 2009 | 6     | 30  | 5    | 5      | 59     | 0.3       | 3.9     | 0.96  | 94.3      | 41.1174 | 34.9604 |
| 2009 | 6     | 30  | 5    | 15     | 59     | 0.3       | 3.9     | 1.01  | 96.5      | 41.0828 | 36.3768 |
| 2009 | 6     | 30  | 5    | 25     | 59     | 0.3       | 3.9     | 0.98  | 96.7      | 41.1174 | 35.5638 |
| 2009 | 6     | 30  | 5    | 35     | 59     | 0.3       | 3.9     | 0.84  | 93.1      | 41.1174 | 30.6199 |
| 2009 | 6     | 30  | 5    | 45     | 59     | 0.3       | 3.9     | 1.05  | 94.9      | 41.1174 | 37.9782 |
| 2009 | 6     | 30  | 5    | 55     | 59     | 0.3       | 3.9     | 0.93  | 92.6      | 41.1174 | 33.8747 |
| 2009 | 6     | 30  | 6    | 5      | 59     | 0.3       | 3.9     | 0.94  | 93        | 41.1174 | 34.2366 |
| 2009 | 6     | 30  | 6    | 15     | 59     | 0.3       | 3.9     | 1.01  | 95.4      | 41.1174 | 36.4086 |
| 2009 | 6     | 30  | 6    | 25     | 59     | 0.3       | 3.9     | 1.01  | 97.7      | 41.1174 | 36.2879 |
| 2009 | 6     | 30  | 6    | 35     | 59     | 0.3       | 3.9     | 0.94  | 96.6      | 41.1174 | 33.8747 |
| 2009 | 6     | 30  | 6    | 45     | 59     | 0.3       | 3.9     | 1.01  | 96.9      | 41.1174 | 36.4086 |
| 2009 | 6     | 30  | 6    | 55     | 59     | 0.3       | 3.9     | 0.98  | 93.9      | 41.1174 | 35.4431 |
| 2009 | 6     | 30  | 7    | 5      | 59     | 0.3       | 3.9     | 1.05  | 97.3      | 41.1174 | 37.9782 |
| 2009 | 6     | 30  | 7    | 15     | 59     | 0.3       | 3.9     | 1.01  | 96.5      | 41.152  | 36.5612 |
| 2009 | 6     | 30  | 7    | 25     | 59     | 0.3       | 3.9     | 0.95  | 96        | 41.152  | 34.2665 |
| 2009 | 6     | 30  | 7    | 35     | 59     | 0.3       | 3.9     | 0.98  | 97.9      | 41.152  | 35.3532 |
| 2009 | 6     | 30  | 7    | 45     | 59     | 0.3       | 3.9     | 1     | 94        | 41.152  | 36.3196 |
| 2009 | 6     | 30  | 7    | 55     | 59     | 0.3       | 3.9     | 0.91  | 93.3      | 41.152  | 33.18   |
| 2009 | 6     | 30  | 8    | 5      | 59     | 0.3       | 3.9     | 0.97  | 99.1      | 41.152  | 34.9909 |
| 2009 | 6     | 30  | 8    | 15     | 59     | 0.3       | 3.9     | 0.97  | 96        | 41.152  | 35.1117 |
| 2009 | 6     | 30  | 8    | 25     | 59     | 0.3       | 3.9     | 0.91  | 93.5      | 41.152  | 33.0594 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 30  | 8    | 35     | 59     | 0.3       | 3.9     | 1     | 96.2      | 41.152  | 36.078  |
| 2009 | 6     | 30  | 8    | 45     | 59     | 0.3       | 3.9     | 1     | 95.2      | 41.152  | 36.4404 |
| 2009 | 6     | 30  | 8    | 55     | 59     | 0.3       | 3.9     | 1.02  | 97.7      | 41.152  | 36.9237 |
| 2009 | 6     | 30  | 9    | 5      | 59     | 0.3       | 3.9     | 0.94  | 97.6      | 41.1865 | 34.0547 |
| 2009 | 6     | 30  | 9    | 15     | 59     | 0.3       | 3.9     | 0.99  | 95.1      | 41.152  | 35.8364 |
| 2009 | 6     | 30  | 9    | 25     | 59     | 0.3       | 3.9     | 0.86  | 88.3      | 41.152  | 31.3702 |
| 2009 | 6     | 30  | 9    | 35     | 59     | 0.3       | 3.9     | 0.97  | 99        | 41.1865 | 34.7797 |
| 2009 | 6     | 30  | 9    | 45     | 59     | 0.3       | 3.9     | 0.99  | 95.3      | 41.1865 | 35.9885 |
| 2009 | 6     | 30  | 9    | 55     | 59     | 0.3       | 3.9     | 1.01  | 97.6      | 41.1865 | 36.5931 |
| 2009 | 6     | 30  | 10   | 5      | 59     | 0.3       | 3.9     | 1     | 97.9      | 41.1865 | 36.1094 |
| 2009 | 6     | 30  | 10   | 15     | 59     | 0.3       | 3.9     | 0.9   | 95        | 41.1865 | 32.4843 |
| 2009 | 6     | 30  | 10   | 25     | 59     | 0.3       | 3.9     | 0.94  | 98.2      | 41.1865 | 33.813  |
| 2009 | 6     | 30  | 10   | 35     | 59     | 0.3       | 3.9     | 1.05  | 98.5      | 41.1865 | 37.8026 |
| 2009 | 6     | 30  | 10   | 45     | 59     | 0.3       | 3.9     | 0.91  | 95.6      | 41.1865 | 33.0882 |
| 2009 | 6     | 30  | 10   | 55     | 59     | 0.3       | 3.9     | 0.97  | 97        | 41.1865 | 35.1423 |
| 2009 | 6     | 30  | 11   | 5      | 59     | 0.3       | 3.9     | 1.02  | 94.3      | 41.1865 | 36.9559 |
| 2009 | 6     | 30  | 11   | 15     | 59     | 0.3       | 3.9     | 0.98  | 96.5      | 41.1865 | 35.6258 |
| 2009 | 6     | 30  | 11   | 25     | 59     | 0.3       | 3.9     | 1.03  | 97.7      | 41.1865 | 37.3187 |
| 2009 | 6     | 30  | 11   | 35     | 59     | 0.3       | 3.9     | 0.92  | 97.8      | 41.1865 | 33.209  |
| 2009 | 6     | 30  | 11   | 45     | 59     | 0.3       | 3.9     | 1     | 94.1      | 41.1865 | 36.4722 |
| 2009 | 6     | 30  | 11   | 55     | 59     | 0.3       | 3.9     | 0.97  | 97        | 41.1865 | 35.0215 |
| 2009 | 6     | 30  | 12   | 5      | 59     | 0.3       | 3.9     | 0.96  | 96.9      | 41.2211 | 34.5681 |
| 2009 | 6     | 30  | 12   | 15     | 59     | 0.3       | 3.9     | 0.98  | 96.6      | 41.2211 | 35.4149 |
| 2009 | 6     | 30  | 12   | 25     | 59     | 0.3       | 3.9     | 0.98  | 99.1      | 41.2211 | 35.1729 |
| 2009 | 6     | 30  | 12   | 35     | 59     | 0.3       | 3.9     | 0.86  | 93.9      | 41.2211 | 31.3041 |
| 2009 | 6     | 30  | 12   | 45     | 59     | 0.3       | 3.9     | 0.99  | 96.1      | 41.2211 | 35.7779 |
| 2009 | 6     | 30  | 12   | 55     | 59     | 0.3       | 3.9     | 1.03  | 96.9      | 41.2211 | 37.3512 |
| 2009 | 6     | 30  | 13   | 5      | 59     | 0.3       | 3.9     | 0.99  | 96.5      | 41.2211 | 35.8989 |
| 2009 | 6     | 30  | 13   | 15     | 59     | 0.3       | 3.9     | 1.03  | 97.9      | 41.2211 | 37.1091 |
| 2009 | 6     | 30  | 13   | 25     | 59     | 0.3       | 3.9     | 0.99  | 95.7      | 41.2211 | 35.7779 |
| 2009 | 6     | 30  | 13   | 35     | 59     | 0.3       | 3.9     | 0.98  | 97.3      | 41.2211 | 35.4149 |
| 2009 | 6     | 30  | 13   | 45     | 59     | 0.3       | 3.9     | 1.01  | 97.7      | 41.2211 | 36.5039 |
| 2009 | 6     | 30  | 13   | 55     | 59     | 0.3       | 3.9     | 1.03  | 98.6      | 41.2211 | 37.1091 |
| 2009 | 6     | 30  | 14   | 5      | 59     | 0.3       | 3.9     | 1.03  | 95.1      | 41.2211 | 37.3512 |
| 2009 | 6     | 30  | 14   | 15     | 59     | 0.3       | 3.9     | 0.97  | 97.2      | 41.2556 | 34.9614 |
| 2009 | 6     | 30  | 14   | 25     | 59     | 0.3       | 3.9     | 1     | 97.4      | 41.2556 | 36.1723 |
| 2009 | 6     | 30  | 14   | 35     | 59     | 0.3       | 3.9     | 1     | 95.4      | 41.2556 | 36.4146 |
| 2009 | 6     | 30  | 14   | 45     | 59     | 0.3       | 3.9     | 0.99  | 96.6      | 41.2556 | 36.0512 |
| 2009 | 6     | 30  | 14   | 55     | 59     | 0.3       | 3.9     | 0.98  | 94.6      | 41.2556 | 35.6879 |
| 2009 | 6     | 30  | 15   | 5      | 59     | 0.3       | 3.9     | 1.03  | 97.2      | 41.2556 | 37.1414 |
| 2009 | 6     | 30  | 15   | 15     | 59     | 0.3       | 3.9     | 1     | 97.4      | 41.2556 | 36.1723 |
| 2009 | 6     | 30  | 15   | 25     | 59     | 0.3       | 3.9     | 1.02  | 97.6      | 41.2556 | 36.8991 |
| 2009 | 6     | 30  | 15   | 35     | 59     | 0.3       | 3.9     | 1.01  | 96.7      | 41.2556 | 36.778  |
| 2009 | 6     | 30  | 15   | 45     | 59     | 0.3       | 3.9     | 1.04  | 96.7      | 41.2556 | 37.6261 |
| 2009 | 6     | 30  | 15   | 55     | 59     | 0.3       | 3.9     | 1.03  | 97.1      | 41.2556 | 37.2626 |
| 2009 | 6     | 30  | 16   | 5      | 59     | 0.3       | 3.9     | 0.98  | 98.7      | 41.2556 | 35.2035 |
| 2009 | 6     | 30  | 16   | 15     | 59     | 0.3       | 3.9     | 0.98  | 94.6      | 41.2556 | 35.809  |
| 2009 | 6     | 30  | 16   | 25     | 59     | 0.3       | 3.9     | 0.85  | 91.5      | 41.2556 | 31.0895 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 30  | 16   | 35     | 59     | 0.3       | 3.9     | 1.01  | 95        | 41.2556 | 36.6568 |
| 2009 | 6     | 30  | 16   | 45     | 59     | 0.3       | 3.9     | 1     | 94        | 41.2556 | 36.4146 |
| 2009 | 6     | 30  | 16   | 55     | 59     | 0.3       | 3.9     | 0.98  | 92.1      | 41.2556 | 35.5668 |
| 2009 | 6     | 30  | 17   | 5      | 59     | 0.3       | 3.9     | 1.01  | 96.9      | 41.2556 | 36.6568 |
| 2009 | 6     | 30  | 17   | 15     | 59     | 0.3       | 3.9     | 0.89  | 91.3      | 41.2556 | 32.4199 |
| 2009 | 6     | 30  | 17   | 25     | 59     | 0.3       | 3.9     | 0.95  | 96.1      | 41.2556 | 34.5982 |
| 2009 | 6     | 30  | 17   | 35     | 59     | 0.3       | 3.9     | 0.98  | 95.4      | 41.2556 | 35.5668 |
| 2009 | 6     | 30  | 17   | 45     | 59     | 0.3       | 3.9     | 0.87  | 91.3      | 41.2556 | 31.8151 |
| 2009 | 6     | 30  | 17   | 55     | 59     | 0.3       | 3.9     | 0.95  | 94.9      | 41.2556 | 34.5982 |
| 2009 | 6     | 30  | 18   | 5      | 59     | 0.3       | 3.9     | 0.96  | 93.7      | 41.2556 | 34.8403 |
| 2009 | 6     | 30  | 18   | 15     | 59     | 0.3       | 3.9     | 0.94  | 95.6      | 41.2556 | 34.114  |
| 2009 | 6     | 30  | 18   | 25     | 59     | 0.3       | 3.9     | 0.84  | 91.8      | 41.2556 | 30.485  |
| 2009 | 6     | 30  | 18   | 35     | 59     | 0.3       | 3.9     | 0.97  | 94.8      | 41.2556 | 35.4457 |
| 2009 | 6     | 30  | 18   | 45     | 59     | 0.3       | 3.9     | 0.95  | 94.6      | 41.2556 | 34.5982 |
| 2009 | 6     | 30  | 18   | 55     | 59     | 0.3       | 3.9     | 0.79  | 86.7      | 41.2556 | 28.6723 |
| 2009 | 6     | 30  | 19   | 5      | 59     | 0.3       | 3.9     | 0.95  | 93.2      | 41.2556 | 34.7193 |
| 2009 | 6     | 30  | 19   | 15     | 59     | 0.3       | 3.9     | 0.9   | 92.9      | 41.2902 | 32.6903 |
| 2009 | 6     | 30  | 19   | 25     | 59     | 0.3       | 3.9     | 0.89  | 94.5      | 41.2902 | 32.206  |
| 2009 | 6     | 30  | 19   | 35     | 59     | 0.3       | 3.9     | 0.92  | 92.9      | 41.2556 | 33.5089 |
| 2009 | 6     | 30  | 19   | 45     | 59     | 0.3       | 3.9     | 0.92  | 90.8      | 41.2556 | 33.5089 |
| 2009 | 6     | 30  | 19   | 55     | 59     | 0.3       | 3.9     | 0.85  | 91.1      | 41.2902 | 30.8745 |
| 2009 | 6     | 30  | 20   | 5      | 59     | 0.3       | 3.9     | 0.98  | 94        | 41.2902 | 35.5977 |
| 2009 | 6     | 30  | 20   | 15     | 59     | 0.3       | 3.9     | 0.89  | 91.3      | 41.2902 | 32.327  |
| 2009 | 6     | 30  | 20   | 25     | 59     | 0.3       | 3.9     | 0.97  | 93.9      | 41.2902 | 35.2341 |
| 2009 | 6     | 30  | 20   | 35     | 59     | 0.3       | 3.9     | 0.82  | 88.6      | 41.2902 | 29.9066 |
| 2009 | 6     | 30  | 20   | 45     | 59     | 0.3       | 3.9     | 0.91  | 93.1      | 41.2902 | 33.0535 |
| 2009 | 6     | 30  | 20   | 55     | 59     | 0.3       | 3.9     | 0.93  | 94        | 41.2902 | 34.0225 |
| 2009 | 6     | 30  | 21   | 5      | 59     | 0.3       | 3.9     | 0.99  | 96.5      | 41.2902 | 35.8401 |
| 2009 | 6     | 30  | 21   | 15     | 59     | 0.3       | 3.9     | 1.02  | 95.7      | 41.2902 | 36.9312 |
| 2009 | 6     | 30  | 21   | 25     | 59     | 0.3       | 3.9     | 0.81  | 91.2      | 41.2902 | 29.6647 |
| 2009 | 6     | 30  | 21   | 35     | 59     | 0.3       | 3.9     | 1     | 99.4      | 41.2902 | 36.2038 |
| 2009 | 6     | 30  | 21   | 45     | 59     | 0.3       | 3.9     | 0.93  | 92.2      | 41.2902 | 33.7802 |
| 2009 | 6     | 30  | 21   | 55     | 59     | 0.3       | 3.9     | 0.82  | 91.2      | 41.2902 | 29.7856 |
| 2009 | 6     | 30  | 22   | 5      | 59     | 0.3       | 3.9     | 0.98  | 94        | 41.2902 | 35.8401 |
| 2009 | 6     | 30  | 22   | 15     | 59     | 0.3       | 3.9     | 0.81  | 90.5      | 41.2902 | 29.4228 |
| 2009 | 6     | 30  | 22   | 25     | 59     | 0.3       | 3.9     | 0.96  | 94.7      | 41.2902 | 34.8706 |
| 2009 | 6     | 30  | 22   | 35     | 59     | 0.3       | 3.9     | 0.79  | 88.1      | 41.2902 | 28.939  |
| 2009 | 6     | 30  | 22   | 45     | 59     | 0.3       | 3.9     | 0.92  | 90        | 41.2902 | 33.4169 |
| 2009 | 6     | 30  | 22   | 55     | 59     | 0.3       | 3.9     | 0.87  | 93.2      | 41.2902 | 31.7217 |
| 2009 | 6     | 30  | 23   | 5      | 59     | 0.3       | 3.9     | 0.84  | 93.4      | 41.2902 | 30.5115 |
| 2009 | 6     | 30  | 23   | 15     | 59     | 0.3       | 3.9     | 0.97  | 94.5      | 41.2902 | 35.3553 |
| 2009 | 6     | 30  | 23   | 25     | 59     | 0.3       | 3.9     | 0.78  | 89.8      | 41.2902 | 28.4554 |
| 2009 | 6     | 30  | 23   | 35     | 59     | 0.3       | 3.9     | 0.92  | 94.7      | 41.2902 | 33.2958 |
| 2009 | 6     | 30  | 23   | 45     | 59     | 0.3       | 3.9     | 0.89  | 92.7      | 41.2902 | 32.5692 |
| 2009 | 6     | 30  | 23   | 55     | 59     | 0.3       | 3.9     | 0.81  | 90        | 41.3247 | 29.6904 |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 1   | 0    | 4      | 54     | 0.958     | -0.049    | 4.265 | 0.013     | 0.01      | 0         | 49   | 49.9 | 31.8 | 148        | 151        | 0          | 34     | 35     |
| 2009 | 6     | 1   | 0    | 14     | 54     | 0.965     | -0.03     | 4.262 | 0.01      | 0.007     | 0         | 48.6 | 49.9 | 31.4 | 148        | 151        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 0    | 24     | 54     | 0.942     | -0.056    | 4.262 | 0.01      | 0.007     | 0         | 48.2 | 49.9 | 30.1 | 147        | 151        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 0    | 34     | 54     | 0.925     | -0.046    | 4.259 | 0.01      | 0.007     | 0         | 48.6 | 50.3 | 31.8 | 148        | 152        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 0    | 44     | 54     | 0.906     | -0.075    | 4.259 | 0.01      | 0.007     | 0         | 48.6 | 49.9 | 32.3 | 148        | 151        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 0    | 54     | 54     | 0.869     | -0.098    | 4.255 | 0.013     | 0.01      | 0         | 48.6 | 50.3 | 30.5 | 148        | 152        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 1    | 4      | 54     | 0.955     | -0.069    | 4.255 | 0.01      | 0.007     | 0         | 48.6 | 49.5 | 31.4 | 148        | 151        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 1    | 14     | 54     | 0.866     | -0.085    | 4.252 | 0.01      | 0.007     | 0         | 48.6 | 50.3 | 29.7 | 148        | 152        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 1    | 24     | 54     | 0.912     | -0.072    | 4.249 | 0.01      | 0.007     | 0         | 48.6 | 49.9 | 29.7 | 148        | 152        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 1    | 34     | 54     | 0.915     | -0.052    | 4.245 | 0.01      | 0.007     | 0         | 48.6 | 50.3 | 31   | 148        | 152        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 1    | 44     | 54     | 0.948     | -0.043    | 4.242 | 0.016     | 0.013     | 0         | 48.6 | 50.3 | 31.4 | 148        | 152        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 1    | 54     | 54     | 0.922     | -0.085    | 4.236 | 0.01      | 0.007     | 0         | 48.6 | 49.9 | 30.1 | 148        | 151        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 2    | 4      | 54     | 0.915     | -0.085    | 4.232 | 0.01      | 0.007     | 0         | 48.6 | 49.9 | 28.8 | 148        | 152        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 2    | 14     | 54     | 0.892     | -0.062    | 4.229 | 0.01      | 0.007     | 0         | 49   | 50.3 | 29.7 | 149        | 152        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 2    | 24     | 54     | 0.925     | -0.089    | 4.226 | 0.01      | 0.007     | 0         | 49.5 | 50.7 | 31   | 149        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 2    | 34     | 54     | 0.892     | -0.052    | 4.222 | 0.013     | 0.01      | 0         | 49   | 50.3 | 29.2 | 149        | 152        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 2    | 44     | 54     | 0.968     | -0.023    | 4.222 | 0.01      | 0.007     | 0         | 49   | 50.3 | 30.1 | 149        | 152        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 2    | 54     | 54     | 0.889     | -0.03     | 4.222 | 0.01      | 0.007     | 0         | 48.6 | 50.3 | 30.1 | 148        | 152        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 3    | 4      | 54     | 0.909     | -0.052    | 4.219 | 0.01      | 0.007     | 0         | 49   | 50.7 | 30.5 | 149        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 3    | 14     | 54     | 0.896     | -0.007    | 4.219 | 0.01      | 0.007     | 0         | 49.5 | 51.2 | 31   | 150        | 154        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 3    | 24     | 54     | 0.86      | -0.072    | 4.216 | 0.01      | 0.007     | 0         | 49   | 50.7 | 31.8 | 149        | 153        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 3    | 34     | 54     | 0.833     | -0.079    | 4.216 | 0.01      | 0.007     | 0         | 48.6 | 50.3 | 31.4 | 148        | 152        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 3    | 44     | 54     | 0.886     | -0.075    | 4.216 | 0.01      | 0.007     | 0         | 49   | 50.7 | 31   | 149        | 153        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 3    | 54     | 54     | 0.876     | -0.066    | 4.213 | 0.01      | 0.007     | 0         | 49   | 50.3 | 32.7 | 149        | 152        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 4    | 4      | 54     | 0.853     | -0.066    | 4.209 | 0.013     | 0.01      | 0         | 49   | 50.3 | 31.4 | 149        | 153        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 4    | 14     | 54     | 0.902     | -0.039    | 4.209 | 0.01      | 0.007     | 0         | 49   | 50.7 | 31   | 149        | 153        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 4    | 24     | 54     | 0.928     | -0.023    | 4.206 | 0.01      | 0.007     | 0         | 49.5 | 51.2 | 30.5 | 150        | 154        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 4    | 34     | 54     | 0.866     | -0.052    | 4.203 | 0.013     | 0.01      | 0         | 49   | 50.3 | 29.7 | 149        | 152        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 4    | 44     | 54     | 0.85      | -0.059    | 4.199 | 0.01      | 0.007     | 0         | 49   | 50.3 | 29.7 | 149        | 153        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 4    | 54     | 54     | 0.892     | -0.016    | 4.196 | 0.01      | 0.007     | 0         | 49   | 50.3 | 30.5 | 149        | 153        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 5    | 4      | 54     | 0.938     | -0.016    | 4.19  | 0.01      | 0.007     | 0         | 48.6 | 51.2 | 30.5 | 149        | 153        | 0          | 36     | 34     |
| 2009 | 6     | 1   | 5    | 14     | 54     | 0.804     | -0.066    | 4.186 | 0.013     | 0.01      | 0         | 48.6 | 50.7 | 29.2 | 149        | 153        | 0          | 36     | 35     |
| 2009 | 6     | 1   | 5    | 24     | 54     | 0.86      | -0.059    | 4.183 | 0.01      | 0.007     | 0         | 49   | 50.3 | 30.1 | 149        | 153        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 5    | 34     | 54     | 0.892     | -0.052    | 4.183 | 0.01      | 0.007     | 0         | 49   | 50.7 | 30.5 | 149        | 153        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 5    | 44     | 54     | 0.889     | -0.069    | 4.18  | 0.013     | 0.01      | 0         | 49.5 | 50.7 | 31.8 | 150        | 153        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 5    | 54     | 54     | 0.846     | -0.079    | 4.18  | 0.01      | 0.007     | 0         | 49.5 | 50.7 | 31   | 150        | 154        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 6    | 4      | 54     | 0.932     | -0.046    | 4.177 | 0.01      | 0.007     | 0         | 49.9 | 51.2 | 31.4 | 151        | 154        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 6    | 14     | 54     | 0.866     | -0.036    | 4.177 | 0.01      | 0.007     | 0         | 49.5 | 51.2 | 30.5 | 150        | 154        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 6    | 24     | 54     | 0.938     | -0.056    | 4.173 | 0.01      | 0.007     | 0         | 49.5 | 50.7 | 30.1 | 150        | 153        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 6    | 34     | 54     | 0.853     | -0.072    | 4.173 | 0.01      | 0.007     | 0         | 49.9 | 51.2 | 29.7 | 151        | 154        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 6    | 44     | 54     | 0.823     | -0.03     | 4.173 | 0.013     | 0.01      | 0         | 49.9 | 51.2 | 30.5 | 151        | 154        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 6    | 54     | 54     | 0.869     | -0.056    | 4.17  | 0.01      | 0.007     | 0         | 49.9 | 51.2 | 30.1 | 151        | 154        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 7    | 4      | 54     | 0.856     | -0.052    | 4.17  | 0.01      | 0.007     | 0         | 49.5 | 50.3 | 31   | 150        | 153        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 7    | 14     | 54     | 0.896     | -0.049    | 4.167 | 0.013     | 0.01      | 0         | 49.5 | 50.7 | 30.5 | 150        | 153        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 7    | 24     | 54     | 0.853     | -0.059    | 4.167 | 0.01      | 0.007     | 0         | 49.5 | 51.2 | 32.3 | 150        | 154        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 7    | 34     | 54     | 0.804     | -0.092    | 4.16  | 0.01      | 0.007     | 0         | 49.5 | 51.2 | 30.5 | 150        | 154        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 7    | 44     | 54     | 0.843     | -0.079    | 4.157 | 0.013     | 0.01      | 0         | 49.5 | 50.7 | 28.8 | 150        | 154        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 7    | 54     | 54     | 0.81      | -0.033    | 4.154 | 0.01      | 0.007     | 0         | 49.5 | 50.7 | 29.7 | 150        | 153        | 0          | 35     | 35     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 1   | 8    | 4      | 54     | 0.863     | -0.039    | 4.15  | 0.016     | 0.013     | 0         | 49.9 | 51.2 | 31.8 | 151        | 154        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 8    | 14     | 54     | 0.873     | -0.046    | 4.147 | 0.01      | 0.007     | 0         | 49.5 | 50.7 | 29.7 | 150        | 154        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 8    | 24     | 54     | 0.85      | -0.052    | 4.144 | 0.01      | 0.007     | 0         | 49.9 | 50.7 | 31.4 | 151        | 154        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 8    | 34     | 54     | 0.804     | -0.039    | 4.144 | 0.01      | 0.007     | 0         | 49.9 | 51.2 | 33.1 | 151        | 154        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 8    | 44     | 54     | 0.873     | -0.082    | 4.14  | 0.01      | 0.007     | 0         | 49.5 | 51.2 | 33.5 | 150        | 154        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 8    | 54     | 54     | 0.915     | -0.03     | 4.137 | 0.013     | 0.01      | 0         | 49.5 | 50.7 | 34.8 | 150        | 154        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 9    | 4      | 54     | 0.853     | -0.039    | 4.137 | 0.01      | 0.007     | 0         | 49   | 50.7 | 34   | 149        | 153        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 9    | 14     | 54     | 0.827     | -0.039    | 4.137 | 0.013     | 0.01      | 0         | 49   | 50.7 | 37   | 149        | 153        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 9    | 24     | 54     | 0.797     | -0.043    | 4.137 | 0.01      | 0.007     | 0         | 49   | 50.3 | 34.4 | 149        | 153        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 9    | 34     | 54     | 0.82      | -0.056    | 4.134 | 0.01      | 0.007     | 0         | 49   | 50.3 | 32.3 | 149        | 152        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 9    | 44     | 54     | 0.833     | -0.036    | 4.134 | 0.01      | 0.007     | 0         | 49   | 50.3 | 34.4 | 149        | 152        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 9    | 54     | 54     | 0.801     | -0.079    | 4.131 | 0.01      | 0.007     | 0         | 49.5 | 50.7 | 34.8 | 150        | 153        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 10   | 4      | 54     | 0.797     | -0.072    | 4.131 | 0.01      | 0.007     | 0         | 48.6 | 49.5 | 32.3 | 148        | 151        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 10   | 14     | 54     | 0.807     | -0.059    | 4.127 | 0.013     | 0.01      | 0         | 49   | 49.9 | 32.7 | 149        | 152        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 10   | 24     | 54     | 0.856     | -0.046    | 4.124 | 0.01      | 0.007     | 0         | 49   | 49.9 | 31.8 | 149        | 152        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 10   | 34     | 54     | 0.827     | -0.049    | 4.117 | 0.013     | 0.01      | 0         | 49   | 49.9 | 31   | 149        | 152        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 10   | 44     | 54     | 0.873     | -0.02     | 4.111 | 0.01      | 0.007     | 0         | 48.6 | 49.9 | 33.5 | 148        | 151        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 10   | 54     | 54     | 0.748     | -0.016    | 4.111 | 0.01      | 0.007     | 0         | 49   | 50.3 | 31.8 | 149        | 152        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 11   | 4      | 54     | 0.827     | -0.056    | 4.108 | 0.01      | 0.007     | 0         | 49   | 50.3 | 31   | 149        | 152        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 11   | 14     | 54     | 0.85      | -0.056    | 4.108 | 0.01      | 0.007     | 0         | 48.6 | 49.9 | 33.5 | 148        | 152        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 11   | 24     | 54     | 0.82      | -0.072    | 4.104 | 0.01      | 0.007     | 0         | 48.6 | 49.9 | 34.8 | 148        | 151        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 11   | 34     | 54     | 0.892     | -0.062    | 4.104 | 0.013     | 0.01      | 0         | 48.6 | 50.3 | 31.8 | 148        | 152        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 11   | 44     | 54     | 0.771     | -0.059    | 4.101 | 0.01      | 0.007     | 0         | 49.5 | 49.9 | 34.4 | 149        | 151        | 0          | 34     | 35     |
| 2009 | 6     | 1   | 11   | 54     | 54     | 0.801     | -0.046    | 4.101 | 0.01      | 0.007     | 0         | 49   | 50.3 | 32.7 | 149        | 152        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 12   | 4      | 54     | 0.807     | -0.03     | 4.101 | 0.016     | 0.013     | 0         | 48.6 | 49.9 | 34.8 | 148        | 151        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 12   | 14     | 54     | 0.843     | -0.062    | 4.098 | 0.01      | 0.007     | 0         | 49   | 50.3 | 34.8 | 149        | 152        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 12   | 24     | 54     | 0.794     | -0.03     | 4.098 | 0.01      | 0.007     | 0         | 49.5 | 50.3 | 39.6 | 149        | 152        | 0          | 34     | 35     |
| 2009 | 6     | 1   | 12   | 34     | 54     | 0.778     | -0.056    | 4.094 | 0.013     | 0.01      | 0         | 49   | 50.3 | 41.3 | 149        | 152        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 12   | 44     | 54     | 0.827     | -0.033    | 4.091 | 0.01      | 0.007     | 0         | 48.6 | 49.9 | 37   | 148        | 152        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 12   | 54     | 54     | 0.791     | -0.062    | 4.081 | 0.01      | 0.007     | 0         | 49.5 | 50.7 | 36.1 | 150        | 153        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 13   | 4      | 54     | 0.81      | -0.036    | 4.081 | 0.01      | 0.007     | 0         | 49   | 49.9 | 40   | 149        | 152        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 13   | 14     | 54     | 0.827     | -0.056    | 4.078 | 0.01      | 0.007     | 0         | 49   | 50.3 | 40.4 | 149        | 152        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 13   | 24     | 54     | 0.774     | -0.082    | 4.075 | 0.013     | 0.01      | 0         | 49.9 | 51.2 | 34.4 | 150        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 13   | 34     | 54     | 0.764     | -0.066    | 4.075 | 0.013     | 0.01      | 0         | 49   | 50.3 | 34   | 149        | 152        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 13   | 44     | 54     | 0.781     | -0.049    | 4.075 | 0.013     | 0.01      | 0         | 48.6 | 49.9 | 36.1 | 149        | 152        | 0          | 36     | 36     |
| 2009 | 6     | 1   | 13   | 54     | 54     | 0.807     | -0.066    | 4.072 | 0.01      | 0.007     | 0         | 49.9 | 51.2 | 34.4 | 151        | 154        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 14   | 4      | 54     | 0.81      | -0.016    | 4.072 | 0.01      | 0.007     | 0         | 49.5 | 50.3 | 33.1 | 150        | 153        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 14   | 14     | 54     | 0.846     | -0.046    | 4.072 | 0.013     | 0.01      | 0         | 49   | 49.9 | 34   | 149        | 152        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 14   | 24     | 54     | 0.797     | -0.03     | 4.068 | 0.013     | 0.01      | 0         | 49.5 | 50.3 | 31   | 150        | 153        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 14   | 34     | 54     | 0.791     | -0.049    | 4.068 | 0.013     | 0.01      | 0         | 49.5 | 50.7 | 33.1 | 150        | 154        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 14   | 44     | 54     | 0.84      | -0.049    | 4.065 | 0.013     | 0.01      | 0         | 49   | 50.7 | 32.3 | 149        | 153        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 14   | 54     | 54     | 0.787     | -0.049    | 4.065 | 0.013     | 0.01      | 0         | 48.6 | 50.3 | 31.4 | 148        | 152        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 15   | 4      | 54     | 0.801     | -0.056    | 4.062 | 0.01      | 0.007     | 0         | 49   | 50.7 | 32.7 | 149        | 153        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 15   | 14     | 54     | 0.778     | -0.059    | 4.062 | 0.013     | 0.01      | 0         | 49.5 | 50.3 | 39.6 | 150        | 153        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 15   | 24     | 54     | 0.827     | -0.023    | 4.065 | 0.01      | 0.007     | 0         | 49.9 | 51.2 | 54.6 | 151        | 155        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 15   | 34     | 54     | 0.85      | 0         | 4.052 | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 31   | 154        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 15   | 44     | 54     | 0.814     | -0.026    | 4.049 | 0.01      | 0.007     | 0         | 50.7 | 52   | 29.2 | 153        | 156        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 15   | 54     | 54     | 0.82      | -0.062    | 4.045 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 31.4 | 152        | 155        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 1   | 16   | 4      | 54     | 0.781     | -0.092    | 4.042 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 31   | 152        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 16   | 14     | 54     | 0.794     | -0.069    | 4.042 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 32.3 | 152        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 16   | 24     | 54     | 0.83      | -0.079    | 4.039 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 31.4 | 151        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 1   | 16   | 34     | 54     | 0.85      | -0.056    | 4.039 | 0.013     | 0.01      | 0         | 49.9 | 51.6 | 29.7 | 151        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 16   | 44     | 54     | 0.81      | -0.01     | 4.039 | 0.016     | 0.013     | 0         | 50.3 | 52   | 43.9 | 152        | 156        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 16   | 54     | 54     | 0.814     | -0.02     | 4.035 | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 32.3 | 153        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 1   | 17   | 4      | 54     | 0.846     | -0.003    | 4.035 | 0.01      | 0.007     | 0         | 50.7 | 52.5 | 29.7 | 153        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 17   | 14     | 54     | 0.781     | -0.043    | 4.035 | 0.01      | 0.007     | 0         | 50.7 | 52   | 31   | 153        | 156        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 17   | 24     | 54     | 0.781     | -0.075    | 4.035 | 0.01      | 0.007     | 0         | 50.3 | 52.5 | 37.8 | 153        | 157        | 0          | 36     | 35     |
| 2009 | 6     | 1   | 17   | 34     | 54     | 0.846     | 0.003     | 4.032 | 0.013     | 0.01      | 0         | 50.7 | 52.5 | 35.7 | 153        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 17   | 44     | 54     | 0.781     | -0.056    | 4.032 | 0.013     | 0.01      | 0         | 50.3 | 52   | 32.3 | 152        | 156        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 17   | 54     | 54     | 0.807     | -0.033    | 4.029 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 31.8 | 152        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 18   | 4      | 54     | 0.823     | -0.039    | 4.029 | 0.01      | 0.007     | 0         | 49.9 | 51.6 | 32.3 | 151        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 18   | 14     | 54     | 0.866     | -0.072    | 4.026 | 0.01      | 0.007     | 0         | 50.7 | 51.6 | 31.4 | 152        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 1   | 18   | 24     | 54     | 0.863     | -0.043    | 4.026 | 0.016     | 0.013     | 0         | 49.9 | 51.6 | 31.8 | 151        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 18   | 34     | 54     | 0.843     | -0.026    | 4.022 | 0.013     | 0.01      | 0         | 50.3 | 51.6 | 30.5 | 152        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 18   | 44     | 54     | 0.85      | -0.056    | 4.019 | 0.013     | 0.01      | 0         | 49.9 | 51.6 | 30.1 | 151        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 18   | 54     | 54     | 0.837     | -0.026    | 4.016 | 0.013     | 0.01      | 0         | 50.7 | 51.6 | 30.1 | 152        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 1   | 19   | 4      | 54     | 0.817     | -0.049    | 4.012 | 0.01      | 0.007     | 0         | 49.9 | 51.6 | 31   | 151        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 19   | 14     | 54     | 0.787     | -0.069    | 4.009 | 0.01      | 0.007     | 0         | 49.9 | 51.6 | 29.2 | 151        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 19   | 24     | 54     | 0.853     | -0.036    | 4.006 | 0.013     | 0.01      | 0         | 49.5 | 51.2 | 30.1 | 150        | 154        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 19   | 34     | 54     | 0.83      | -0.069    | 4.003 | 0.01      | 0.007     | 0         | 49.9 | 51.2 | 29.7 | 151        | 154        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 19   | 44     | 54     | 0.823     | -0.013    | 4.003 | 0.01      | 0.007     | 0         | 49.9 | 50.7 | 31   | 151        | 154        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 19   | 54     | 54     | 0.85      | -0.03     | 3.999 | 0.01      | 0.007     | 0         | 49.9 | 51.6 | 29.7 | 151        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 20   | 4      | 54     | 0.827     | -0.072    | 3.999 | 0.013     | 0.01      | 0         | 50.3 | 51.6 | 30.5 | 152        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 20   | 14     | 54     | 0.863     | -0.03     | 3.999 | 0.01      | 0.007     | 0         | 49.9 | 51.6 | 30.1 | 151        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 20   | 24     | 54     | 0.866     | -0.023    | 3.996 | 0.01      | 0.007     | 0         | 49.9 | 51.6 | 33.5 | 151        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 20   | 34     | 54     | 0.856     | -0.03     | 3.996 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 31   | 151        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 1   | 20   | 44     | 54     | 0.797     | -0.059    | 3.996 | 0.013     | 0.01      | 0         | 49.9 | 51.6 | 31.8 | 151        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 20   | 54     | 54     | 0.81      | -0.062    | 3.993 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 30.1 | 151        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 1   | 21   | 4      | 54     | 0.814     | -0.046    | 3.993 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 30.5 | 152        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 21   | 14     | 54     | 0.82      | -0.046    | 3.993 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 31   | 152        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 21   | 24     | 54     | 0.837     | -0.052    | 3.99  | 0.01      | 0.007     | 0         | 49.9 | 51.6 | 31   | 151        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 21   | 34     | 54     | 0.856     | -0.052    | 3.99  | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 31   | 151        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 1   | 21   | 44     | 54     | 0.794     | -0.095    | 3.99  | 0.01      | 0.007     | 0         | 49.9 | 51.6 | 31   | 151        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 21   | 54     | 54     | 0.801     | -0.046    | 3.986 | 0.013     | 0.01      | 0         | 50.3 | 51.6 | 31.8 | 152        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 22   | 4      | 54     | 0.81      | -0.046    | 3.986 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 31   | 152        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 22   | 14     | 54     | 0.866     | -0.062    | 3.983 | 0.013     | 0.01      | 0         | 49.9 | 51.2 | 31.4 | 151        | 154        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 22   | 24     | 54     | 0.869     | -0.03     | 3.98  | 0.01      | 0.007     | 0         | 49.9 | 51.2 | 31.4 | 151        | 154        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 22   | 34     | 54     | 0.817     | -0.033    | 3.98  | 0.01      | 0.007     | 0         | 49.9 | 51.6 | 30.1 | 151        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 22   | 44     | 54     | 0.791     | -0.049    | 3.976 | 0.01      | 0.007     | 0         | 49.9 | 50.7 | 30.1 | 151        | 154        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 22   | 54     | 54     | 0.81      | -0.016    | 3.973 | 0.01      | 0.007     | 0         | 49.9 | 51.2 | 31   | 151        | 154        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 23   | 4      | 54     | 0.791     | -0.052    | 3.97  | 0.01      | 0.007     | 0         | 49.9 | 51.2 | 29.2 | 151        | 155        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 23   | 14     | 54     | 0.889     | -0.02     | 3.97  | 0.013     | 0.01      | 0         | 49.9 | 50.7 | 30.1 | 151        | 154        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 23   | 24     | 54     | 0.81      | -0.056    | 3.963 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 28.8 | 152        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 23   | 34     | 54     | 0.82      | -0.033    | 3.96  | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 29.7 | 152        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 1   | 23   | 44     | 54     | 0.83      | -0.02     | 3.957 | 0.01      | 0.007     | 0         | 49.9 | 52   | 29.7 | 151        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 23   | 54     | 54     | 0.817     | -0.046    | 3.957 | 0.013     | 0.01      | 0         | 50.3 | 51.6 | 30.5 | 151        | 155        | 0          | 34     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 2   | 0    | 4      | 54     | 0.869     | -0.013    | 3.957 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 29.7 | 152        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 0    | 14     | 54     | 0.856     | -0.046    | 3.953 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 30.5 | 152        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 0    | 24     | 54     | 0.84      | -0.052    | 3.953 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 31   | 152        | 156        | 0          | 35     | 36     |
| 2009 | 6     | 2   | 0    | 34     | 54     | 0.771     | -0.046    | 3.95  | 0.01      | 0.007     | 0         | 50.7 | 52.5 | 29.7 | 153        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 0    | 44     | 54     | 0.817     | -0.052    | 3.95  | 0.016     | 0.013     | 0         | 50.7 | 52.5 | 30.5 | 153        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 0    | 54     | 54     | 0.804     | -0.03     | 3.95  | 0.01      | 0.007     | 0         | 50.7 | 52   | 30.1 | 153        | 156        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 1    | 4      | 54     | 0.814     | -0.026    | 3.947 | 0.013     | 0.01      | 0         | 51.2 | 52   | 31   | 153        | 157        | 0          | 34     | 36     |
| 2009 | 6     | 2   | 1    | 14     | 54     | 0.879     | -0.075    | 3.947 | 0.013     | 0.01      | 0         | 51.2 | 52.5 | 30.1 | 154        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 1    | 24     | 54     | 0.879     | -0.046    | 3.947 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 31   | 154        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 2   | 1    | 34     | 54     | 0.807     | -0.092    | 3.944 | 0.01      | 0.007     | 0         | 51.2 | 52.9 | 30.5 | 154        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 1    | 44     | 54     | 0.84      | -0.075    | 3.944 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 30.5 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 1    | 54     | 54     | 0.823     | -0.043    | 3.944 | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 31   | 154        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 2    | 4      | 54     | 0.764     | -0.069    | 3.94  | 0.013     | 0.01      | 0         | 51.2 | 52.5 | 31   | 154        | 158        | 0          | 35     | 36     |
| 2009 | 6     | 2   | 2    | 14     | 54     | 0.778     | -0.095    | 3.94  | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 31.8 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 2    | 24     | 54     | 0.843     | -0.069    | 3.94  | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 29.2 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 2    | 34     | 54     | 0.807     | -0.036    | 3.937 | 0.016     | 0.013     | 0         | 51.6 | 52.9 | 29.7 | 155        | 159        | 0          | 35     | 36     |
| 2009 | 6     | 2   | 2    | 44     | 54     | 0.807     | -0.036    | 3.937 | 0.013     | 0.01      | 0         | 51.6 | 52.5 | 29.2 | 155        | 158        | 0          | 35     | 36     |
| 2009 | 6     | 2   | 2    | 54     | 54     | 0.83      | -0.023    | 3.934 | 0.016     | 0.016     | 0         | 52   | 52.9 | 29.7 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 2   | 3    | 4      | 54     | 0.86      | -0.013    | 3.93  | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 29.2 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 3    | 14     | 54     | 0.846     | -0.066    | 3.927 | 0.013     | 0.01      | 0         | 51.2 | 52.9 | 28.8 | 154        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 3    | 24     | 54     | 0.791     | -0.085    | 3.924 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 28.4 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 3    | 34     | 54     | 0.843     | -0.059    | 3.921 | 0.01      | 0.007     | 0         | 51.6 | 52.5 | 28.8 | 155        | 158        | 0          | 35     | 36     |
| 2009 | 6     | 2   | 3    | 44     | 54     | 0.876     | -0.046    | 3.917 | 0.013     | 0.01      | 0         | 51.2 | 52.5 | 29.2 | 154        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 3    | 54     | 54     | 0.784     | -0.075    | 3.914 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 29.2 | 155        | 159        | 0          | 35     | 36     |
| 2009 | 6     | 2   | 4    | 4      | 54     | 0.827     | -0.062    | 3.914 | 0.013     | 0.01      | 0         | 51.6 | 52.5 | 29.2 | 155        | 158        | 0          | 35     | 36     |
| 2009 | 6     | 2   | 4    | 14     | 54     | 0.82      | -0.049    | 3.911 | 0.016     | 0.013     | 0         | 51.6 | 52.9 | 29.7 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 4    | 24     | 54     | 0.794     | -0.059    | 3.911 | 0.013     | 0.01      | 0         | 51.6 | 52.5 | 28.8 | 155        | 158        | 0          | 35     | 36     |
| 2009 | 6     | 2   | 4    | 34     | 54     | 0.801     | -0.062    | 3.907 | 0.016     | 0.016     | 0         | 51.6 | 52.9 | 30.5 | 156        | 158        | 0          | 36     | 35     |
| 2009 | 6     | 2   | 4    | 44     | 54     | 0.794     | -0.075    | 3.907 | 0.016     | 0.013     | 0         | 51.6 | 52.9 | 29.7 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 4    | 54     | 54     | 0.781     | -0.049    | 3.907 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 29.7 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 5    | 4      | 54     | 0.794     | -0.039    | 3.904 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 29.2 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 5    | 14     | 54     | 0.751     | -0.046    | 3.904 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 29.7 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 2   | 5    | 24     | 54     | 0.843     | -0.013    | 3.904 | 0.01      | 0.007     | 0         | 52   | 52.5 | 31   | 156        | 158        | 0          | 35     | 36     |
| 2009 | 6     | 2   | 5    | 34     | 54     | 0.85      | -0.003    | 3.901 | 0.01      | 0.007     | 0         | 52   | 52.9 | 31   | 156        | 159        | 0          | 35     | 36     |
| 2009 | 6     | 2   | 5    | 44     | 54     | 0.84      | -0.016    | 3.901 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 31   | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 5    | 54     | 54     | 0.856     | -0.052    | 3.901 | 0.01      | 0.007     | 0         | 51.6 | 52.5 | 29.7 | 155        | 158        | 0          | 35     | 36     |
| 2009 | 6     | 2   | 6    | 4      | 54     | 0.84      | -0.03     | 3.898 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 30.1 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 6    | 14     | 54     | 0.817     | -0.036    | 3.898 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 31.4 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 6    | 24     | 54     | 0.748     | -0.052    | 3.898 | 0.01      | 0.007     | 0         | 51.6 | 52   | 30.5 | 155        | 157        | 0          | 35     | 36     |
| 2009 | 6     | 2   | 6    | 34     | 54     | 0.837     | -0.03     | 3.894 | 0.013     | 0.01      | 0         | 51.2 | 52.5 | 31   | 155        | 158        | 0          | 36     | 36     |
| 2009 | 6     | 2   | 6    | 44     | 54     | 0.846     | -0.03     | 3.894 | 0.01      | 0.007     | 0         | 50.7 | 52.5 | 30.5 | 154        | 158        | 0          | 36     | 36     |
| 2009 | 6     | 2   | 6    | 54     | 54     | 0.774     | -0.046    | 3.891 | 0.01      | 0.007     | 0         | 52   | 52.9 | 28.4 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 2   | 7    | 4      | 54     | 0.837     | -0.046    | 3.891 | 0.01      | 0.007     | 0         | 51.6 | 52.5 | 29.2 | 155        | 158        | 0          | 35     | 36     |
| 2009 | 6     | 2   | 7    | 14     | 54     | 0.82      | -0.03     | 3.888 | 0.013     | 0.01      | 0         | 51.2 | 52.5 | 28.8 | 154        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 7    | 24     | 54     | 0.83      | -0.016    | 3.885 | 0.01      | 0.007     | 0         | 51.2 | 52   | 28.8 | 154        | 157        | 0          | 35     | 36     |
| 2009 | 6     | 2   | 7    | 34     | 54     | 0.725     | -0.062    | 3.878 | 0.013     | 0.01      | 0         | 51.2 | 52.5 | 29.2 | 154        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 7    | 44     | 54     | 0.794     | -0.046    | 3.875 | 0.016     | 0.013     | 0         | 51.2 | 52   | 29.7 | 154        | 157        | 0          | 35     | 36     |
| 2009 | 6     | 2   | 7    | 54     | 54     | 0.768     | -0.036    | 3.871 | 0.013     | 0.01      | 0         | 50.7 | 52.5 | 29.7 | 154        | 157        | 0          | 36     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 2   | 8    | 4      | 54     | 0.833     | -0.036    | 3.871 | 0.013     | 0.01      | 0         | 51.2 | 52   | 29.2 | 154        | 157        | 0          | 35     | 36     |
| 2009 | 6     | 2   | 8    | 14     | 54     | 0.719     | -0.069    | 3.868 | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 30.5 | 154        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 8    | 24     | 54     | 0.715     | -0.082    | 3.868 | 0.01      | 0.007     | 0         | 51.2 | 52.9 | 31.8 | 154        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 8    | 34     | 54     | 0.745     | -0.085    | 3.865 | 0.016     | 0.013     | 0         | 50.7 | 52.5 | 31.8 | 154        | 157        | 0          | 36     | 35     |
| 2009 | 6     | 2   | 8    | 44     | 54     | 0.823     | -0.059    | 3.865 | 0.016     | 0.013     | 0         | 50.7 | 52   | 33.5 | 154        | 157        | 0          | 36     | 36     |
| 2009 | 6     | 2   | 8    | 54     | 54     | 0.722     | -0.066    | 3.865 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 34.8 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 9    | 4      | 54     | 0.764     | -0.062    | 3.865 | 0.013     | 0.01      | 0         | 51.2 | 52.5 | 42.1 | 155        | 158        | 0          | 36     | 36     |
| 2009 | 6     | 2   | 9    | 14     | 54     | 0.797     | -0.03     | 3.862 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 36.5 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 9    | 24     | 54     | 0.755     | -0.046    | 3.862 | 0.01      | 0.007     | 0         | 52   | 53.3 | 36.1 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 9    | 34     | 54     | 0.784     | -0.043    | 3.862 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 33.1 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 9    | 44     | 54     | 0.794     | -0.016    | 3.858 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 34.4 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 9    | 54     | 54     | 0.748     | -0.046    | 3.858 | 0.01      | 0.007     | 0         | 52   | 52.5 | 33.1 | 156        | 158        | 0          | 35     | 36     |
| 2009 | 6     | 2   | 10   | 4      | 54     | 0.748     | -0.046    | 3.855 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 32.3 | 155        | 159        | 0          | 35     | 36     |
| 2009 | 6     | 2   | 10   | 14     | 54     | 0.768     | -0.052    | 3.855 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 31.8 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 10   | 24     | 54     | 0.781     | -0.049    | 3.848 | 0.013     | 0.01      | 0         | 52   | 52.9 | 28.8 | 156        | 159        | 0          | 35     | 36     |
| 2009 | 6     | 2   | 10   | 34     | 54     | 0.797     | -0.026    | 3.845 | 0.013     | 0.01      | 0         | 52   | 53.3 | 32.7 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 10   | 44     | 54     | 0.745     | -0.056    | 3.842 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 29.2 | 156        | 159        | 0          | 36     | 36     |
| 2009 | 6     | 2   | 10   | 54     | 54     | 0.823     | -0.059    | 3.839 | 0.01      | 0.007     | 0         | 52   | 53.3 | 32.3 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 11   | 4      | 54     | 0.735     | -0.059    | 3.835 | 0.01      | 0.007     | 0         | 51.6 | 53.3 | 30.5 | 156        | 159        | 0          | 36     | 35     |
| 2009 | 6     | 2   | 11   | 14     | 54     | 0.758     | -0.049    | 3.835 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 39.1 | 157        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 2   | 11   | 24     | 54     | 0.764     | -0.052    | 3.832 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 31.4 | 155        | 159        | 0          | 35     | 36     |
| 2009 | 6     | 2   | 11   | 34     | 54     | 0.755     | -0.043    | 3.832 | 0.01      | 0.007     | 0         | 51.6 | 53.3 | 31.8 | 156        | 159        | 0          | 36     | 35     |
| 2009 | 6     | 2   | 11   | 44     | 54     | 0.748     | -0.026    | 3.832 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 37   | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 11   | 54     | 54     | 0.758     | -0.049    | 3.832 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 32.3 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 12   | 4      | 54     | 0.748     | -0.043    | 3.832 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 50.3 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 12   | 14     | 54     | 0.804     | -0.033    | 3.832 | 0.01      | 0.007     | 0         | 52.5 | 54.2 | 48.2 | 157        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 12   | 24     | 54     | 0.735     | -0.062    | 3.832 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 51.6 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 12   | 34     | 54     | 0.715     | -0.066    | 3.829 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 49   | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 12   | 44     | 54     | 0.761     | -0.046    | 3.825 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 45.2 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 12   | 54     | 54     | 0.787     | -0.03     | 3.825 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 45.2 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 13   | 4      | 54     | 0.781     | -0.049    | 3.822 | 0.013     | 0.01      | 0         | 53.8 | 55   | 47.3 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 13   | 14     | 54     | 0.771     | -0.016    | 3.819 | 0.01      | 0.007     | 0         | 53.8 | 55   | 48.2 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 13   | 24     | 54     | 0.741     | -0.052    | 3.816 | 0.01      | 0.007     | 0         | 53.8 | 55   | 43   | 160        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 2   | 13   | 34     | 54     | 0.728     | -0.062    | 3.812 | 0.01      | 0.007     | 0         | 53.8 | 55   | 39.1 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 13   | 44     | 54     | 0.797     | -0.079    | 3.809 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 45.6 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 13   | 54     | 54     | 0.771     | -0.043    | 3.809 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 45.6 | 159        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 2   | 14   | 4      | 54     | 0.817     | -0.033    | 3.809 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 48.6 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 14   | 14     | 54     | 0.771     | -0.02     | 3.809 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 46.4 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 14   | 24     | 54     | 0.748     | -0.039    | 3.806 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 51.2 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 14   | 34     | 54     | 0.728     | -0.066    | 3.806 | 0.016     | 0.013     | 0         | 53.3 | 55   | 52.5 | 159        | 162        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 14   | 44     | 54     | 0.715     | -0.033    | 3.802 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 47.3 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 14   | 54     | 54     | 0.719     | -0.046    | 3.802 | 0.01      | 0.007     | 0         | 53.8 | 55   | 47.3 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 15   | 4      | 54     | 0.771     | -0.016    | 3.802 | 0.013     | 0.01      | 0         | 53.8 | 55   | 50.7 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 15   | 14     | 54     | 0.702     | -0.016    | 3.799 | 0.013     | 0.01      | 0         | 53.8 | 55   | 48.6 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 15   | 24     | 54     | 0.705     | -0.052    | 3.799 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 49.9 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 15   | 34     | 54     | 0.715     | -0.049    | 3.796 | 0.013     | 0.01      | 0         | 53.3 | 55   | 46.4 | 159        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 15   | 44     | 54     | 0.771     | -0.036    | 3.796 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 49   | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 15   | 54     | 54     | 0.745     | -0.049    | 3.793 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 49   | 159        | 162        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 2   | 16   | 4      | 54     | 0.751     | -0.02     | 3.786 | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 41.7 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 16   | 14     | 54     | 0.755     | -0.01     | 3.783 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 31.4 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 16   | 24     | 54     | 0.764     | -0.033    | 3.776 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 29.7 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 16   | 34     | 54     | 0.761     | -0.059    | 3.773 | 0.016     | 0.013     | 0         | 52.9 | 54.6 | 28.8 | 158        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 16   | 44     | 54     | 0.735     | -0.056    | 3.773 | 0.016     | 0.013     | 0         | 52.5 | 53.8 | 28.4 | 157        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 2   | 16   | 54     | 54     | 0.692     | -0.052    | 3.776 | 0.01      | 0.007     | 0         | 52.9 | 54.6 | 46   | 158        | 161        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 17   | 4      | 54     | 0.758     | -0.062    | 3.77  | 0.01      | 0.007     | 0         | 53.3 | 55   | 32.3 | 158        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 17   | 14     | 54     | 0.738     | -0.033    | 3.77  | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 35.3 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 17   | 24     | 54     | 0.712     | -0.033    | 3.766 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 36.5 | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 2   | 17   | 34     | 54     | 0.764     | -0.066    | 3.77  | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 47.3 | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 2   | 17   | 44     | 54     | 0.787     | 0         | 3.766 | 0.01      | 0.007     | 0         | 53.8 | 55   | 46.9 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 17   | 54     | 54     | 0.758     | -0.033    | 3.766 | 0.016     | 0.016     | 0         | 53.8 | 55.5 | 46.9 | 160        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 18   | 4      | 54     | 0.735     | -0.02     | 3.766 | 0.013     | 0.01      | 0         | 53.8 | 55   | 48.6 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 18   | 14     | 54     | 0.692     | -0.062    | 3.763 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 47.3 | 160        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 2   | 18   | 24     | 54     | 0.696     | 0         | 3.763 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 47.3 | 161        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 2   | 18   | 34     | 54     | 0.804     | 0         | 3.76  | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 46   | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 18   | 44     | 54     | 0.791     | -0.033    | 3.76  | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 43.4 | 161        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 2   | 18   | 54     | 54     | 0.778     | -0.036    | 3.757 | 0.01      | 0.007     | 0         | 54.2 | 55.5 | 46   | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 19   | 4      | 54     | 0.719     | -0.023    | 3.757 | 0.016     | 0.013     | 0         | 53.8 | 55.5 | 47.3 | 160        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 19   | 14     | 54     | 0.81      | 0.026     | 3.753 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 39.6 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 19   | 24     | 54     | 0.745     | -0.049    | 3.75  | 0.013     | 0.01      | 0         | 53.8 | 55.5 | 30.1 | 160        | 163        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 19   | 34     | 54     | 0.745     | -0.069    | 3.747 | 0.013     | 0.01      | 0         | 53.8 | 55   | 37.4 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 19   | 44     | 54     | 0.741     | -0.046    | 3.747 | 0.013     | 0.01      | 0         | 53.8 | 55   | 41.7 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 19   | 54     | 54     | 0.699     | -0.062    | 3.747 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 43.4 | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 2   | 20   | 4      | 54     | 0.751     | -0.046    | 3.74  | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 45.6 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 20   | 14     | 54     | 0.725     | -0.046    | 3.737 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 43   | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 2   | 20   | 24     | 54     | 0.745     | -0.03     | 3.737 | 0.01      | 0.007     | 0         | 53.8 | 55.5 | 41.7 | 160        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 20   | 34     | 54     | 0.817     | -0.007    | 3.734 | 0.01      | 0.007     | 0         | 53.3 | 55   | 43.9 | 159        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 20   | 44     | 54     | 0.797     | -0.01     | 3.73  | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 36.1 | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 2   | 20   | 54     | 54     | 0.774     | -0.03     | 3.73  | 0.01      | 0.007     | 0         | 52.9 | 54.6 | 43.4 | 158        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 21   | 4      | 54     | 0.774     | -0.046    | 3.73  | 0.016     | 0.013     | 0         | 52.9 | 54.6 | 41.3 | 158        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 21   | 14     | 54     | 0.715     | -0.066    | 3.727 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 41.7 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 21   | 24     | 54     | 0.82      | 0.003     | 3.724 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 39.6 | 158        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 2   | 21   | 34     | 54     | 0.745     | -0.046    | 3.724 | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 41.3 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 21   | 44     | 54     | 0.745     | 0         | 3.724 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 40.4 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 21   | 54     | 54     | 0.774     | -0.046    | 3.72  | 0.016     | 0.013     | 0         | 52.9 | 54.6 | 31.4 | 158        | 161        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 22   | 4      | 54     | 0.787     | -0.052    | 3.72  | 0.013     | 0.01      | 0         | 52.5 | 54.2 | 33.5 | 157        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 22   | 14     | 54     | 0.774     | 0         | 3.717 | 0.013     | 0.01      | 0         | 52.5 | 54.2 | 31.8 | 157        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 22   | 24     | 54     | 0.745     | -0.026    | 3.717 | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 41.3 | 157        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 2   | 22   | 34     | 54     | 0.715     | -0.036    | 3.717 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 42.1 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 22   | 44     | 54     | 0.719     | -0.079    | 3.714 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 31   | 158        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 2   | 22   | 54     | 54     | 0.761     | -0.039    | 3.714 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 29.2 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 23   | 4      | 54     | 0.719     | -0.046    | 3.714 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 33.5 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 23   | 14     | 54     | 0.751     | -0.013    | 3.711 | 0.013     | 0.01      | 0         | 52.5 | 54.2 | 30.5 | 157        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 23   | 24     | 54     | 0.745     | -0.016    | 3.711 | 0.01      | 0.007     | 0         | 52.5 | 54.2 | 29.7 | 157        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 23   | 34     | 54     | 0.682     | -0.033    | 3.707 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 30.1 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 2   | 23   | 44     | 54     | 0.768     | -0.046    | 3.707 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 29.7 | 158        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 2   | 23   | 54     | 54     | 0.751     | -0.046    | 3.704 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 30.1 | 158        | 161        | 0          | 35     | 36     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 3   | 0    | 4      | 54     | 0.735     | -0.066    | 3.701 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 28.8 | 157        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 0    | 14     | 54     | 0.82      | -0.075    | 3.698 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 29.2 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 0    | 24     | 54     | 0.791     | -0.069    | 3.698 | 0.013     | 0.01      | 0         | 52.5 | 54.2 | 28.8 | 157        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 0    | 34     | 54     | 0.725     | -0.02     | 3.694 | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 28.8 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 0    | 44     | 54     | 0.722     | -0.056    | 3.691 | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 29.2 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 0    | 54     | 54     | 0.732     | -0.043    | 3.691 | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 28.4 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 1    | 4      | 54     | 0.738     | 0         | 3.688 | 0.01      | 0.007     | 0         | 52.5 | 54.2 | 31   | 157        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 1    | 14     | 54     | 0.755     | -0.052    | 3.684 | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 28.8 | 158        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 1    | 24     | 54     | 0.722     | -0.013    | 3.684 | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 28.8 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 1    | 34     | 54     | 0.771     | -0.03     | 3.681 | 0.01      | 0.007     | 0         | 52.9 | 54.6 | 28   | 158        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 1    | 44     | 54     | 0.732     | -0.03     | 3.681 | 0.01      | 0.007     | 0         | 53.3 | 55   | 28   | 159        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 1    | 54     | 54     | 0.735     | -0.043    | 3.681 | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 29.2 | 158        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 2    | 4      | 54     | 0.735     | -0.033    | 3.678 | 0.01      | 0.007     | 0         | 52.9 | 54.6 | 30.1 | 158        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 2    | 14     | 54     | 0.781     | 0         | 3.681 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 41.3 | 159        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 2    | 24     | 54     | 0.712     | -0.056    | 3.678 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 34.4 | 159        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 2    | 34     | 54     | 0.791     | -0.03     | 3.678 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 29.7 | 158        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 2    | 44     | 54     | 0.699     | -0.026    | 3.675 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 29.2 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 2    | 54     | 54     | 0.735     | -0.059    | 3.675 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 28.8 | 159        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 3    | 4      | 54     | 0.705     | -0.049    | 3.675 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 29.7 | 158        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 3    | 14     | 54     | 0.692     | -0.016    | 3.671 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 28.8 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 3    | 24     | 54     | 0.751     | 0         | 3.671 | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 29.7 | 158        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 3    | 34     | 54     | 0.732     | -0.03     | 3.671 | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 29.7 | 158        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 3    | 44     | 54     | 0.797     | -0.03     | 3.671 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 28.4 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 3    | 54     | 54     | 0.738     | -0.013    | 3.671 | 0.01      | 0.007     | 0         | 52.9 | 54.6 | 29.7 | 158        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 4    | 4      | 54     | 0.755     | -0.039    | 3.668 | 0.016     | 0.013     | 0         | 52.9 | 55   | 29.7 | 158        | 162        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 4    | 14     | 54     | 0.797     | -0.023    | 3.668 | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 30.1 | 158        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 4    | 24     | 54     | 0.784     | -0.036    | 3.668 | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 29.7 | 158        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 4    | 34     | 54     | 0.735     | -0.046    | 3.668 | 0.01      | 0.007     | 0         | 53.3 | 55   | 30.5 | 159        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 4    | 44     | 54     | 0.725     | -0.066    | 3.665 | 0.01      | 0.007     | 0         | 53.3 | 55   | 30.1 | 159        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 4    | 54     | 54     | 0.764     | -0.069    | 3.665 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 30.1 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 5    | 4      | 54     | 0.745     | -0.033    | 3.665 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 29.2 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 5    | 14     | 54     | 0.722     | -0.049    | 3.661 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 28.4 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 5    | 24     | 54     | 0.761     | -0.072    | 3.661 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 29.2 | 159        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 5    | 34     | 54     | 0.781     | -0.056    | 3.661 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 29.2 | 159        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 5    | 44     | 54     | 0.728     | -0.033    | 3.658 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 29.2 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 5    | 54     | 54     | 0.705     | -0.046    | 3.655 | 0.013     | 0.01      | 0         | 53.8 | 55   | 27.5 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 6    | 4      | 54     | 0.735     | -0.03     | 3.655 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 28.4 | 159        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 6    | 14     | 54     | 0.755     | -0.046    | 3.652 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 28.4 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 6    | 24     | 54     | 0.676     | -0.069    | 3.648 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 27.5 | 160        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 6    | 34     | 54     | 0.719     | -0.046    | 3.648 | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 28.4 | 159        | 162        | 0          | 36     | 35     |
| 2009 | 6     | 3   | 6    | 44     | 54     | 0.755     | -0.033    | 3.648 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 28   | 159        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 6    | 54     | 54     | 0.705     | -0.033    | 3.642 | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 27.5 | 158        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 7    | 4      | 54     | 0.705     | -0.046    | 3.642 | 0.016     | 0.016     | 0         | 52.9 | 54.2 | 28   | 159        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 3   | 7    | 14     | 54     | 0.673     | -0.072    | 3.642 | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 29.2 | 159        | 162        | 0          | 36     | 35     |
| 2009 | 6     | 3   | 7    | 24     | 54     | 0.787     | -0.033    | 3.638 | 0.016     | 0.013     | 0         | 52.9 | 53.8 | 31   | 158        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 7    | 34     | 54     | 0.748     | -0.016    | 3.638 | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 33.5 | 158        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 7    | 44     | 54     | 0.719     | -0.075    | 3.638 | 0.016     | 0.013     | 0         | 52.9 | 53.8 | 34.8 | 158        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 7    | 54     | 54     | 0.702     | -0.043    | 3.635 | 0.01      | 0.007     | 0         | 52.5 | 54.2 | 29.7 | 158        | 162        | 0          | 36     | 36     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 3   | 8    | 4      | 54     | 0.699     | -0.013    | 3.635 | 0.016     | 0.016     | 0         | 52.9 | 54.2 | 29.2 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 8    | 14     | 54     | 0.741     | -0.016    | 3.635 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 30.5 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 8    | 24     | 54     | 0.689     | -0.039    | 3.635 | 0.01      | 0.007     | 0         | 52.9 | 54.6 | 28.8 | 158        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 8    | 34     | 54     | 0.702     | -0.026    | 3.635 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 34.8 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 8    | 44     | 54     | 0.719     | -0.033    | 3.632 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 43.4 | 158        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 8    | 54     | 54     | 0.673     | -0.056    | 3.632 | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 29.2 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 9    | 4      | 54     | 0.65      | -0.066    | 3.632 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 37.4 | 158        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 9    | 14     | 54     | 0.751     | -0.043    | 3.629 | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 33.5 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 9    | 24     | 54     | 0.712     | -0.072    | 3.632 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 43.4 | 158        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 9    | 34     | 54     | 0.725     | -0.016    | 3.629 | 0.01      | 0.007     | 0         | 53.8 | 55   | 48.2 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 9    | 44     | 54     | 0.689     | -0.046    | 3.632 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 48.2 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 9    | 54     | 54     | 0.663     | -0.056    | 3.629 | 0.013     | 0.01      | 0         | 55.5 | 57.2 | 42.1 | 164        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 10   | 4      | 54     | 0.764     | -0.023    | 3.629 | 0.01      | 0.007     | 0         | 55.5 | 57.6 | 26.7 | 165        | 169        | 0          | 36     | 35     |
| 2009 | 6     | 3   | 10   | 14     | 54     | 0.712     | -0.043    | 3.625 | 0.01      | 0.007     | 0         | 55   | 56.8 | 27.5 | 164        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 3   | 10   | 24     | 54     | 0.666     | -0.026    | 3.625 | 0.016     | 0.013     | 0         | 54.6 | 56.3 | 30.1 | 163        | 166        | 0          | 36     | 35     |
| 2009 | 6     | 3   | 10   | 34     | 54     | 0.715     | -0.013    | 3.625 | 0.013     | 0.01      | 0         | 55   | 56.3 | 28.8 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 10   | 44     | 54     | 0.682     | -0.046    | 3.625 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 28.4 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 10   | 54     | 54     | 0.692     | -0.052    | 3.625 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 28   | 162        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 3   | 11   | 4      | 54     | 0.696     | -0.023    | 3.622 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 28.8 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 11   | 14     | 54     | 0.732     | -0.039    | 3.622 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 29.7 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 11   | 24     | 54     | 0.709     | -0.043    | 3.619 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 29.7 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 11   | 34     | 54     | 0.728     | -0.033    | 3.619 | 0.016     | 0.013     | 0         | 53.8 | 55   | 28.8 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 11   | 44     | 54     | 0.699     | -0.082    | 3.615 | 0.013     | 0.01      | 0         | 53.8 | 55.5 | 29.2 | 161        | 164        | 0          | 36     | 35     |
| 2009 | 6     | 3   | 11   | 54     | 54     | 0.738     | -0.023    | 3.615 | 0.013     | 0.01      | 0         | 53.8 | 55.5 | 29.2 | 161        | 164        | 0          | 36     | 35     |
| 2009 | 6     | 3   | 12   | 4      | 54     | 0.778     | -0.036    | 3.612 | 0.016     | 0.013     | 0         | 53.8 | 55   | 28.8 | 161        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 3   | 12   | 14     | 54     | 0.702     | -0.052    | 3.609 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 28.8 | 160        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 12   | 24     | 54     | 0.719     | -0.026    | 3.606 | 0.016     | 0.013     | 0         | 52.9 | 55   | 28.8 | 159        | 163        | 0          | 36     | 35     |
| 2009 | 6     | 3   | 12   | 34     | 54     | 0.728     | -0.03     | 3.602 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 29.7 | 160        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 12   | 44     | 54     | 0.771     | -0.013    | 3.602 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 29.7 | 160        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 12   | 54     | 54     | 0.702     | -0.026    | 3.599 | 0.016     | 0.013     | 0         | 53.8 | 55   | 28   | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 13   | 4      | 54     | 0.764     | -0.016    | 3.599 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 28.8 | 159        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 3   | 13   | 14     | 54     | 0.669     | -0.075    | 3.599 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 30.5 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 13   | 24     | 54     | 0.715     | -0.016    | 3.599 | 0.016     | 0.016     | 0         | 53.8 | 54.6 | 31   | 160        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 13   | 34     | 54     | 0.705     | -0.082    | 3.599 | 0.013     | 0.01      | 0         | 53.3 | 55   | 43   | 159        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 13   | 44     | 54     | 0.682     | -0.049    | 3.599 | 0.013     | 0.01      | 0         | 53.8 | 55   | 45.6 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 13   | 54     | 54     | 0.705     | -0.033    | 3.599 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 43.4 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 14   | 4      | 54     | 0.712     | -0.056    | 3.599 | 0.01      | 0.007     | 0         | 53.8 | 55   | 45.6 | 161        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 3   | 14   | 14     | 54     | 0.699     | 0.016     | 3.599 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 49   | 164        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 3   | 14   | 24     | 54     | 0.702     | -0.066    | 3.599 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 49.9 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 14   | 34     | 54     | 0.689     | -0.023    | 3.599 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 49   | 162        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 3   | 14   | 44     | 54     | 0.702     | -0.066    | 3.593 | 0.013     | 0.01      | 0         | 54.6 | 55   | 44.3 | 161        | 165        | 0          | 34     | 37     |
| 2009 | 6     | 3   | 14   | 54     | 54     | 0.758     | -0.01     | 3.596 | 0.016     | 0.016     | 0         | 54.2 | 55.5 | 48.6 | 161        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 15   | 4      | 54     | 0.679     | -0.023    | 3.593 | 0.013     | 0.01      | 0         | 53.8 | 55.5 | 45.2 | 161        | 164        | 0          | 36     | 35     |
| 2009 | 6     | 3   | 15   | 14     | 54     | 0.679     | -0.007    | 3.596 | 0.013     | 0.01      | 0         | 53.8 | 55.5 | 51.2 | 161        | 164        | 0          | 36     | 35     |
| 2009 | 6     | 3   | 15   | 24     | 54     | 0.735     | -0.016    | 3.593 | 0.013     | 0.01      | 0         | 54.2 | 55.9 | 42.1 | 162        | 165        | 0          | 36     | 35     |
| 2009 | 6     | 3   | 15   | 34     | 54     | 0.636     | -0.069    | 3.593 | 0.016     | 0.013     | 0         | 53.8 | 55.5 | 43.9 | 161        | 164        | 0          | 36     | 35     |
| 2009 | 6     | 3   | 15   | 44     | 54     | 0.738     | -0.007    | 3.593 | 0.013     | 0.01      | 0         | 54.2 | 55   | 40.9 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 15   | 54     | 54     | 0.741     | -0.026    | 3.589 | 0.01      | 0.007     | 0         | 54.2 | 55.5 | 38.7 | 161        | 164        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 3   | 16   | 4      | 54     | 0.692     | -0.01     | 3.589 | 0.016     | 0.013     | 0         | 54.2 | 55   | 42.6 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 16   | 14     | 54     | 0.738     | -0.016    | 3.589 | 0.013     | 0.01      | 0         | 54.2 | 55   | 29.7 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 16   | 24     | 54     | 0.712     | -0.033    | 3.589 | 0.013     | 0.01      | 0         | 53.8 | 55   | 27.5 | 160        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 16   | 34     | 54     | 0.741     | -0.043    | 3.589 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 29.2 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 16   | 44     | 54     | 0.764     | -0.007    | 3.589 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 29.7 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 16   | 54     | 54     | 0.745     | -0.023    | 3.589 | 0.016     | 0.013     | 0         | 55   | 56.3 | 30.5 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 17   | 4      | 54     | 0.715     | 0         | 3.586 | 0.013     | 0.01      | 0         | 55   | 56.3 | 28.4 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 17   | 14     | 54     | 0.745     | -0.026    | 3.586 | 0.01      | 0.007     | 0         | 55   | 56.3 | 28.8 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 17   | 24     | 54     | 0.728     | 0         | 3.586 | 0.013     | 0.01      | 0         | 54.6 | 56.3 | 28.4 | 163        | 166        | 0          | 36     | 35     |
| 2009 | 6     | 3   | 17   | 34     | 54     | 0.676     | -0.036    | 3.586 | 0.016     | 0.013     | 0         | 55   | 56.3 | 27.5 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 17   | 44     | 54     | 0.741     | -0.01     | 3.586 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 28   | 163        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 3   | 17   | 54     | 54     | 0.758     | 0.003     | 3.586 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 28.8 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 18   | 4      | 54     | 0.689     | -0.016    | 3.586 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 28.8 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 18   | 14     | 54     | 0.741     | 0.003     | 3.586 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 28   | 162        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 3   | 18   | 24     | 54     | 0.682     | 0         | 3.586 | 0.016     | 0.016     | 0         | 54.6 | 55.9 | 28.8 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 18   | 34     | 54     | 0.761     | 0.036     | 3.583 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 29.2 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 18   | 44     | 54     | 0.761     | 0.043     | 3.583 | 0.013     | 0.01      | 0         | 53.8 | 55.5 | 29.2 | 161        | 164        | 0          | 36     | 35     |
| 2009 | 6     | 3   | 18   | 54     | 54     | 0.682     | -0.016    | 3.583 | 0.013     | 0.01      | 0         | 53.8 | 55   | 28.8 | 161        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 3   | 19   | 4      | 54     | 0.676     | -0.013    | 3.583 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 30.1 | 160        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 3   | 19   | 14     | 54     | 0.676     | 0.016     | 3.583 | 0.016     | 0.013     | 0         | 53.8 | 55   | 28   | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 19   | 24     | 54     | 0.755     | 0         | 3.583 | 0.013     | 0.01      | 0         | 53.8 | 55   | 28   | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 19   | 34     | 54     | 0.725     | -0.03     | 3.579 | 0.01      | 0.007     | 0         | 53.8 | 55   | 28.8 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 19   | 44     | 54     | 0.719     | -0.003    | 3.579 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 28.4 | 160        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 3   | 19   | 54     | 54     | 0.692     | -0.016    | 3.579 | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 28.4 | 159        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 3   | 20   | 4      | 54     | 0.712     | -0.036    | 3.579 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 29.2 | 159        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 20   | 14     | 54     | 0.699     | -0.039    | 3.576 | 0.016     | 0.016     | 0         | 53.3 | 55   | 28.8 | 159        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 20   | 24     | 54     | 0.771     | -0.02     | 3.576 | 0.01      | 0.007     | 0         | 52.9 | 54.6 | 29.2 | 158        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 20   | 34     | 54     | 0.741     | -0.046    | 3.576 | 0.01      | 0.007     | 0         | 52.5 | 54.2 | 28.8 | 158        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 3   | 20   | 44     | 54     | 0.735     | -0.026    | 3.576 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 29.2 | 159        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 20   | 54     | 54     | 0.732     | -0.039    | 3.573 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 29.2 | 158        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 21   | 4      | 54     | 0.751     | -0.036    | 3.573 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 27.5 | 158        | 161        | 0          | 36     | 36     |
| 2009 | 6     | 3   | 21   | 14     | 54     | 0.738     | -0.016    | 3.57  | 0.016     | 0.013     | 0         | 52.5 | 54.2 | 28.8 | 157        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 21   | 24     | 54     | 0.738     | 0.01      | 3.57  | 0.016     | 0.013     | 0         | 52   | 53.8 | 28   | 157        | 160        | 0          | 36     | 35     |
| 2009 | 6     | 3   | 21   | 34     | 54     | 0.719     | -0.036    | 3.57  | 0.013     | 0.01      | 0         | 52   | 53.8 | 28   | 157        | 161        | 0          | 36     | 36     |
| 2009 | 6     | 3   | 21   | 44     | 54     | 0.715     | -0.023    | 3.566 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 28   | 157        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 21   | 54     | 54     | 0.768     | 0.003     | 3.566 | 0.016     | 0.013     | 0         | 52   | 53.8 | 28.8 | 157        | 160        | 0          | 36     | 35     |
| 2009 | 6     | 3   | 22   | 4      | 54     | 0.689     | -0.062    | 3.563 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 28.8 | 157        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 22   | 14     | 54     | 0.735     | -0.033    | 3.56  | 0.016     | 0.013     | 0         | 52   | 53.8 | 27.5 | 157        | 160        | 0          | 36     | 35     |
| 2009 | 6     | 3   | 22   | 24     | 54     | 0.764     | -0.036    | 3.56  | 0.01      | 0.007     | 0         | 52   | 53.3 | 28.8 | 157        | 160        | 0          | 36     | 36     |
| 2009 | 6     | 3   | 22   | 34     | 54     | 0.774     | -0.049    | 3.56  | 0.016     | 0.016     | 0         | 52.5 | 53.3 | 28.4 | 157        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 22   | 44     | 54     | 0.764     | -0.026    | 3.556 | 0.01      | 0.007     | 0         | 52   | 53.3 | 28.4 | 156        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 22   | 54     | 54     | 0.741     | -0.039    | 3.556 | 0.016     | 0.013     | 0         | 51.6 | 53.3 | 28.4 | 156        | 160        | 0          | 36     | 36     |
| 2009 | 6     | 3   | 23   | 4      | 54     | 0.735     | -0.03     | 3.556 | 0.016     | 0.013     | 0         | 52   | 53.3 | 28   | 156        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 3   | 23   | 14     | 54     | 0.689     | -0.033    | 3.553 | 0.013     | 0.01      | 0         | 52   | 53.3 | 30.5 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 23   | 24     | 54     | 0.761     | -0.046    | 3.553 | 0.016     | 0.013     | 0         | 51.6 | 53.3 | 28.4 | 156        | 160        | 0          | 36     | 36     |
| 2009 | 6     | 3   | 23   | 34     | 54     | 0.686     | -0.03     | 3.553 | 0.01      | 0.007     | 0         | 51.6 | 53.3 | 28.8 | 156        | 159        | 0          | 36     | 35     |
| 2009 | 6     | 3   | 23   | 44     | 54     | 0.686     | -0.062    | 3.55  | 0.01      | 0.007     | 0         | 52   | 53.3 | 29.2 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 23   | 54     | 54     | 0.673     | -0.046    | 3.55  | 0.016     | 0.013     | 0         | 52   | 52.9 | 28.8 | 156        | 159        | 0          | 35     | 36     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 4   | 0    | 4      | 54     | 0.771     | -0.02     | 3.55  | 0.016     | 0.013     | 0         | 51.6 | 53.3 | 29.2 | 156        | 159        | 0          | 36     | 35     |
| 2009 | 6     | 4   | 0    | 14     | 54     | 0.728     | -0.043    | 3.55  | 0.01      | 0.007     | 0         | 51.6 | 53.8 | 28.8 | 156        | 160        | 0          | 36     | 35     |
| 2009 | 6     | 4   | 0    | 24     | 54     | 0.732     | 0         | 3.55  | 0.013     | 0.01      | 0         | 51.2 | 52.9 | 30.5 | 155        | 159        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 0    | 34     | 54     | 0.751     | -0.033    | 3.547 | 0.01      | 0.007     | 0         | 51.6 | 53.3 | 29.2 | 156        | 159        | 0          | 36     | 35     |
| 2009 | 6     | 4   | 0    | 44     | 54     | 0.722     | -0.052    | 3.547 | 0.013     | 0.01      | 0         | 52   | 53.3 | 28.4 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 0    | 54     | 54     | 0.732     | -0.03     | 3.547 | 0.013     | 0.01      | 0         | 51.2 | 52.9 | 30.5 | 155        | 159        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 1    | 4      | 54     | 0.728     | -0.023    | 3.547 | 0.016     | 0.016     | 0         | 51.2 | 52.5 | 30.5 | 155        | 158        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 1    | 14     | 54     | 0.741     | -0.016    | 3.543 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 28.8 | 156        | 159        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 1    | 24     | 54     | 0.725     | -0.013    | 3.543 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 29.2 | 155        | 159        | 0          | 35     | 36     |
| 2009 | 6     | 4   | 1    | 34     | 54     | 0.745     | -0.023    | 3.543 | 0.01      | 0.007     | 0         | 52   | 52.9 | 29.7 | 156        | 159        | 0          | 35     | 36     |
| 2009 | 6     | 4   | 1    | 44     | 54     | 0.705     | -0.033    | 3.543 | 0.013     | 0.01      | 0         | 51.6 | 53.3 | 28.4 | 156        | 160        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 1    | 54     | 54     | 0.679     | -0.049    | 3.543 | 0.01      | 0.007     | 0         | 51.6 | 53.3 | 29.7 | 156        | 159        | 0          | 36     | 35     |
| 2009 | 6     | 4   | 2    | 4      | 54     | 0.705     | -0.033    | 3.543 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 29.2 | 156        | 159        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 2    | 14     | 54     | 0.761     | -0.049    | 3.54  | 0.013     | 0.01      | 0         | 51.2 | 52.9 | 30.1 | 156        | 159        | 0          | 37     | 36     |
| 2009 | 6     | 4   | 2    | 24     | 54     | 0.669     | -0.062    | 3.54  | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 30.5 | 156        | 159        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 2    | 34     | 54     | 0.663     | -0.062    | 3.54  | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 30.5 | 156        | 159        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 2    | 44     | 54     | 0.692     | -0.039    | 3.54  | 0.01      | 0.007     | 0         | 51.6 | 52   | 29.7 | 156        | 158        | 0          | 36     | 37     |
| 2009 | 6     | 4   | 2    | 54     | 54     | 0.768     | -0.046    | 3.54  | 0.01      | 0.007     | 0         | 51.2 | 52.9 | 30.1 | 155        | 159        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 3    | 4      | 54     | 0.751     | -0.023    | 3.54  | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 29.7 | 156        | 159        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 3    | 14     | 54     | 0.722     | -0.043    | 3.537 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 29.2 | 156        | 159        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 3    | 24     | 54     | 0.764     | -0.02     | 3.537 | 0.013     | 0.01      | 0         | 51.6 | 53.3 | 29.2 | 156        | 159        | 0          | 36     | 35     |
| 2009 | 6     | 4   | 3    | 34     | 54     | 0.784     | -0.039    | 3.537 | 0.016     | 0.013     | 0         | 51.6 | 52.9 | 30.5 | 156        | 159        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 3    | 44     | 54     | 0.745     | -0.056    | 3.537 | 0.01      | 0.007     | 0         | 52   | 52.9 | 29.7 | 157        | 160        | 0          | 36     | 37     |
| 2009 | 6     | 4   | 3    | 54     | 54     | 0.774     | -0.059    | 3.537 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 30.5 | 156        | 159        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 4    | 4      | 54     | 0.745     | -0.016    | 3.537 | 0.013     | 0.01      | 0         | 51.6 | 53.3 | 29.2 | 156        | 160        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 4    | 14     | 54     | 0.705     | -0.016    | 3.533 | 0.016     | 0.013     | 0         | 52   | 53.3 | 30.1 | 157        | 160        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 4    | 24     | 54     | 0.705     | -0.075    | 3.537 | 0.013     | 0.01      | 0         | 52   | 53.3 | 29.7 | 157        | 160        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 4    | 34     | 54     | 0.738     | -0.016    | 3.533 | 0.01      | 0.007     | 0         | 52   | 53.8 | 29.2 | 157        | 160        | 0          | 36     | 35     |
| 2009 | 6     | 4   | 4    | 44     | 54     | 0.719     | 0         | 3.533 | 0.01      | 0.007     | 0         | 51.6 | 52.5 | 29.2 | 156        | 159        | 0          | 36     | 37     |
| 2009 | 6     | 4   | 4    | 54     | 54     | 0.745     | -0.033    | 3.533 | 0.013     | 0.01      | 0         | 52   | 52.9 | 29.2 | 157        | 160        | 0          | 36     | 37     |
| 2009 | 6     | 4   | 5    | 4      | 54     | 0.679     | -0.072    | 3.533 | 0.016     | 0.016     | 0         | 51.6 | 52.9 | 29.7 | 156        | 159        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 5    | 14     | 54     | 0.722     | -0.01     | 3.533 | 0.016     | 0.013     | 0         | 52   | 53.3 | 28.4 | 157        | 160        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 5    | 24     | 54     | 0.745     | -0.033    | 3.533 | 0.013     | 0.01      | 0         | 52   | 53.3 | 28.8 | 157        | 160        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 5    | 34     | 54     | 0.702     | -0.016    | 3.533 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 28.8 | 158        | 160        | 0          | 36     | 37     |
| 2009 | 6     | 4   | 5    | 44     | 54     | 0.735     | -0.039    | 3.53  | 0.01      | 0.007     | 0         | 52   | 53.8 | 29.2 | 157        | 160        | 0          | 36     | 35     |
| 2009 | 6     | 4   | 5    | 54     | 54     | 0.745     | -0.016    | 3.53  | 0.016     | 0.013     | 0         | 52   | 52.9 | 29.2 | 156        | 159        | 0          | 35     | 36     |
| 2009 | 6     | 4   | 6    | 4      | 54     | 0.722     | -0.056    | 3.53  | 0.01      | 0.007     | 0         | 52   | 52.5 | 28.8 | 157        | 159        | 0          | 36     | 37     |
| 2009 | 6     | 4   | 6    | 14     | 54     | 0.692     | -0.046    | 3.53  | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 29.7 | 156        | 159        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 6    | 24     | 54     | 0.722     | -0.013    | 3.53  | 0.013     | 0.01      | 0         | 51.6 | 52.5 | 29.7 | 156        | 159        | 0          | 36     | 37     |
| 2009 | 6     | 4   | 6    | 34     | 54     | 0.728     | -0.03     | 3.53  | 0.01      | 0.007     | 0         | 52   | 52.9 | 28.4 | 156        | 159        | 0          | 35     | 36     |
| 2009 | 6     | 4   | 6    | 44     | 54     | 0.722     | -0.072    | 3.53  | 0.013     | 0.01      | 0         | 52   | 52.9 | 30.5 | 156        | 159        | 0          | 35     | 36     |
| 2009 | 6     | 4   | 6    | 54     | 54     | 0.692     | -0.046    | 3.53  | 0.016     | 0.016     | 0         | 51.6 | 52.5 | 29.7 | 156        | 158        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 7    | 4      | 54     | 0.715     | -0.069    | 3.53  | 0.01      | 0.007     | 0         | 51.6 | 52.5 | 30.1 | 156        | 158        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 7    | 14     | 54     | 0.735     | -0.02     | 3.53  | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 30.5 | 155        | 158        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 7    | 24     | 54     | 0.732     | -0.043    | 3.527 | 0.016     | 0.013     | 0         | 51.2 | 52.5 | 30.1 | 155        | 158        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 7    | 34     | 54     | 0.646     | -0.049    | 3.527 | 0.013     | 0.01      | 0         | 51.2 | 52.5 | 29.7 | 155        | 158        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 7    | 44     | 54     | 0.692     | -0.016    | 3.527 | 0.016     | 0.013     | 0         | 51.2 | 52.5 | 29.2 | 155        | 158        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 7    | 54     | 54     | 0.709     | -0.02     | 3.527 | 0.013     | 0.01      | 0         | 51.2 | 52.5 | 29.7 | 155        | 158        | 0          | 36     | 36     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 4   | 8    | 4      | 54     | 0.728     | -0.056    | 3.527 | 0.016     | 0.013     | 0         | 51.2 | 52.5 | 30.5 | 155        | 158        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 8    | 14     | 54     | 0.751     | -0.062    | 3.527 | 0.013     | 0.01      | 0         | 51.2 | 52.5 | 30.1 | 155        | 158        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 8    | 24     | 54     | 0.699     | -0.079    | 3.527 | 0.016     | 0.013     | 0         | 51.6 | 52.5 | 30.1 | 156        | 158        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 8    | 34     | 54     | 0.728     | -0.056    | 3.527 | 0.016     | 0.013     | 0         | 51.6 | 52.5 | 31   | 156        | 159        | 0          | 36     | 37     |
| 2009 | 6     | 4   | 8    | 44     | 54     | 0.699     | -0.075    | 3.527 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 30.1 | 156        | 159        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 8    | 54     | 54     | 0.774     | -0.02     | 3.527 | 0.013     | 0.01      | 0         | 51.6 | 52.5 | 31   | 156        | 159        | 0          | 36     | 37     |
| 2009 | 6     | 4   | 9    | 4      | 54     | 0.715     | -0.059    | 3.527 | 0.016     | 0.013     | 0         | 52   | 52.9 | 30.1 | 157        | 159        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 9    | 14     | 54     | 0.663     | -0.049    | 3.527 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 31   | 156        | 159        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 9    | 24     | 54     | 0.719     | -0.013    | 3.524 | 0.01      | 0.007     | 0         | 51.2 | 52.9 | 30.5 | 156        | 159        | 0          | 37     | 36     |
| 2009 | 6     | 4   | 9    | 34     | 54     | 0.623     | -0.079    | 3.524 | 0.013     | 0.01      | 0         | 52   | 53.3 | 30.1 | 157        | 160        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 9    | 44     | 54     | 0.705     | -0.062    | 3.524 | 0.01      | 0.007     | 0         | 52   | 53.3 | 29.7 | 157        | 160        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 9    | 54     | 54     | 0.728     | 0         | 3.524 | 0.016     | 0.016     | 0         | 52.5 | 53.3 | 28.4 | 158        | 161        | 0          | 36     | 37     |
| 2009 | 6     | 4   | 10   | 4      | 54     | 0.663     | -0.046    | 3.524 | 0.016     | 0.013     | 0         | 52   | 52.9 | 29.2 | 157        | 160        | 0          | 36     | 37     |
| 2009 | 6     | 4   | 10   | 14     | 54     | 0.676     | -0.069    | 3.524 | 0.01      | 0.007     | 0         | 51.6 | 53.3 | 28.4 | 156        | 160        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 10   | 24     | 54     | 0.656     | -0.046    | 3.524 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 29.2 | 158        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 4   | 10   | 34     | 54     | 0.623     | -0.052    | 3.524 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 29.2 | 158        | 161        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 10   | 44     | 54     | 0.682     | -0.059    | 3.524 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 30.1 | 158        | 161        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 10   | 54     | 54     | 0.705     | -0.049    | 3.52  | 0.013     | 0.01      | 0         | 52   | 53.3 | 31.4 | 157        | 160        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 11   | 4      | 54     | 0.715     | -0.062    | 3.52  | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 29.2 | 158        | 161        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 11   | 14     | 54     | 0.686     | -0.049    | 3.52  | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 29.2 | 157        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 4   | 11   | 24     | 54     | 0.617     | -0.085    | 3.517 | 0.016     | 0.013     | 0         | 52.5 | 54.2 | 29.2 | 158        | 161        | 0          | 36     | 35     |
| 2009 | 6     | 4   | 11   | 34     | 54     | 0.679     | -0.066    | 3.517 | 0.013     | 0.01      | 0         | 52   | 53.3 | 29.2 | 157        | 160        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 11   | 44     | 54     | 0.646     | -0.026    | 3.514 | 0.013     | 0.01      | 0         | 52.5 | 54.2 | 28.4 | 158        | 161        | 0          | 36     | 35     |
| 2009 | 6     | 4   | 11   | 54     | 54     | 0.728     | -0.039    | 3.514 | 0.02      | 0.016     | 0         | 52.9 | 53.8 | 30.5 | 158        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 4   | 12   | 4      | 54     | 0.686     | -0.033    | 3.514 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 29.2 | 158        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 4   | 12   | 14     | 54     | 0.623     | -0.066    | 3.51  | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 28.4 | 158        | 161        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 12   | 24     | 54     | 0.597     | -0.046    | 3.514 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 29.2 | 158        | 161        | 0          | 35     | 37     |
| 2009 | 6     | 4   | 12   | 34     | 54     | 0.659     | -0.03     | 3.51  | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 29.2 | 159        | 161        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 12   | 44     | 54     | 0.604     | -0.043    | 3.51  | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 37.4 | 159        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 12   | 54     | 54     | 0.705     | -0.079    | 3.51  | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 28   | 159        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 13   | 4      | 54     | 0.738     | -0.026    | 3.51  | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 28.4 | 159        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 4   | 13   | 14     | 54     | 0.719     | -0.03     | 3.51  | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 28.4 | 159        | 162        | 0          | 36     | 37     |
| 2009 | 6     | 4   | 13   | 24     | 54     | 0.656     | -0.062    | 3.514 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 46.9 | 159        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 13   | 34     | 54     | 0.623     | -0.046    | 3.514 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 45.2 | 160        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 13   | 44     | 54     | 0.65      | -0.023    | 3.514 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 48.6 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 13   | 54     | 54     | 0.696     | -0.026    | 3.517 | 0.013     | 0.01      | 0         | 55   | 55.9 | 48.2 | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 4   | 14   | 4      | 54     | 0.633     | -0.013    | 3.514 | 0.016     | 0.013     | 0         | 55   | 55.9 | 48.6 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 14   | 14     | 54     | 0.584     | -0.089    | 3.514 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 49   | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 4   | 14   | 24     | 54     | 0.666     | -0.079    | 3.514 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 45.2 | 162        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 14   | 34     | 54     | 0.705     | -0.033    | 3.514 | 0.01      | 0.007     | 0         | 55   | 55.9 | 48.2 | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 4   | 14   | 44     | 54     | 0.636     | -0.052    | 3.514 | 0.01      | 0.007     | 0         | 54.2 | 55.9 | 47.7 | 162        | 165        | 0          | 36     | 35     |
| 2009 | 6     | 4   | 14   | 54     | 54     | 0.719     | -0.043    | 3.514 | 0.016     | 0.013     | 0         | 55   | 55.5 | 49.5 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 4   | 15   | 4      | 54     | 0.689     | -0.033    | 3.514 | 0.013     | 0.01      | 0         | 55   | 56.3 | 46   | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 15   | 14     | 54     | 0.643     | -0.046    | 3.514 | 0.016     | 0.013     | 0         | 55   | 55.9 | 48.6 | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 4   | 15   | 24     | 54     | 0.63      | -0.046    | 3.514 | 0.016     | 0.013     | 0         | 55   | 56.3 | 46.9 | 164        | 166        | 0          | 36     | 35     |
| 2009 | 6     | 4   | 15   | 34     | 54     | 0.679     | -0.066    | 3.514 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 45.2 | 164        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 4   | 15   | 44     | 54     | 0.686     | -0.02     | 3.514 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 46.4 | 164        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 4   | 15   | 54     | 54     | 0.699     | -0.016    | 3.514 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 47.7 | 165        | 168        | 0          | 35     | 36     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 4   | 16   | 4      | 54     | 0.663     | -0.013    | 3.514 | 0.016     | 0.013     | 0         | 55.5 | 57.2 | 50.3 | 165        | 168        | 0          | 36     | 35     |
| 2009 | 6     | 4   | 16   | 14     | 54     | 0.666     | -0.033    | 3.514 | 0.013     | 0.01      | 0         | 55.9 | 57.2 | 49   | 165        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 16   | 24     | 54     | 0.715     | 0.007     | 3.51  | 0.016     | 0.016     | 0         | 55.9 | 57.2 | 46   | 165        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 16   | 34     | 54     | 0.692     | -0.016    | 3.514 | 0.013     | 0.01      | 0         | 55.9 | 57.2 | 45.2 | 165        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 16   | 44     | 54     | 0.653     | -0.043    | 3.51  | 0.013     | 0.01      | 0         | 55.9 | 57.2 | 46.9 | 165        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 16   | 54     | 54     | 0.702     | -0.02     | 3.514 | 0.016     | 0.013     | 0         | 55.5 | 57.2 | 49.5 | 164        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 17   | 4      | 54     | 0.643     | -0.036    | 3.514 | 0.016     | 0.016     | 0         | 55.9 | 56.8 | 47.3 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 17   | 14     | 54     | 0.623     | -0.016    | 3.51  | 0.016     | 0.016     | 0         | 55.9 | 56.8 | 46   | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 17   | 24     | 54     | 0.65      | -0.036    | 3.51  | 0.01      | 0.007     | 0         | 55.9 | 57.2 | 48.6 | 165        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 17   | 34     | 54     | 0.633     | -0.013    | 3.51  | 0.013     | 0.01      | 0         | 55.9 | 57.2 | 47.7 | 165        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 17   | 44     | 54     | 0.666     | -0.03     | 3.51  | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 49.5 | 164        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 4   | 17   | 54     | 54     | 0.725     | -0.01     | 3.51  | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 43.9 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 18   | 4      | 54     | 0.653     | 0.003     | 3.51  | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 49   | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 18   | 14     | 54     | 0.663     | -0.016    | 3.507 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 45.6 | 164        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 4   | 18   | 24     | 54     | 0.699     | -0.043    | 3.51  | 0.016     | 0.013     | 0         | 55   | 56.3 | 47.3 | 164        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 18   | 34     | 54     | 0.633     | -0.052    | 3.507 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 46   | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 18   | 44     | 54     | 0.682     | -0.046    | 3.51  | 0.016     | 0.013     | 0         | 55   | 56.8 | 49.9 | 164        | 167        | 0          | 36     | 35     |
| 2009 | 6     | 4   | 18   | 54     | 54     | 0.653     | -0.069    | 3.507 | 0.02      | 0.016     | 0         | 55   | 56.3 | 44.7 | 163        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 4   | 19   | 4      | 54     | 0.732     | -0.036    | 3.507 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 46   | 163        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 4   | 19   | 14     | 54     | 0.676     | -0.02     | 3.507 | 0.013     | 0.01      | 0         | 55   | 56.3 | 30.5 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 19   | 24     | 54     | 0.696     | 0         | 3.507 | 0.016     | 0.013     | 0         | 55   | 56.3 | 40.4 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 19   | 34     | 54     | 0.728     | -0.039    | 3.507 | 0.016     | 0.013     | 0         | 55   | 55.9 | 45.2 | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 4   | 19   | 44     | 54     | 0.715     | -0.01     | 3.507 | 0.013     | 0.01      | 0         | 55   | 56.3 | 48.2 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 19   | 54     | 54     | 0.712     | -0.013    | 3.507 | 0.016     | 0.013     | 0         | 55   | 55.9 | 36.5 | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 4   | 20   | 4      | 54     | 0.692     | -0.043    | 3.507 | 0.013     | 0.01      | 0         | 55   | 55.9 | 28   | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 4   | 20   | 14     | 54     | 0.663     | -0.056    | 3.504 | 0.02      | 0.016     | 0         | 54.2 | 55.5 | 29.2 | 162        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 20   | 24     | 54     | 0.696     | -0.039    | 3.504 | 0.013     | 0.01      | 0         | 55   | 56.3 | 28.4 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 20   | 34     | 54     | 0.712     | -0.03     | 3.504 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 28   | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 20   | 44     | 54     | 0.709     | -0.02     | 3.504 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 28.8 | 162        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 20   | 54     | 54     | 0.728     | -0.016    | 3.504 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 29.2 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 4   | 21   | 4      | 54     | 0.663     | -0.056    | 3.504 | 0.013     | 0.01      | 0         | 54.2 | 55   | 27.5 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 4   | 21   | 14     | 54     | 0.702     | -0.033    | 3.504 | 0.013     | 0.01      | 0         | 53.8 | 55   | 28.8 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 21   | 24     | 54     | 0.682     | -0.049    | 3.504 | 0.01      | 0.007     | 0         | 53.8 | 55   | 29.2 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 21   | 34     | 54     | 0.669     | -0.036    | 3.504 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 29.2 | 160        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 21   | 44     | 54     | 0.719     | -0.085    | 3.504 | 0.01      | 0.007     | 0         | 53.8 | 55.5 | 28.4 | 160        | 163        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 21   | 54     | 54     | 0.738     | -0.03     | 3.501 | 0.013     | 0.01      | 0         | 53.3 | 55   | 28.8 | 160        | 163        | 0          | 36     | 35     |
| 2009 | 6     | 4   | 22   | 4      | 54     | 0.745     | -0.016    | 3.501 | 0.01      | 0.007     | 0         | 53.8 | 55   | 28.4 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 22   | 14     | 54     | 0.653     | -0.069    | 3.501 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 28.8 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 22   | 24     | 54     | 0.738     | 0.007     | 3.501 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 28   | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 22   | 34     | 54     | 0.712     | -0.016    | 3.501 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 28.8 | 160        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 4   | 22   | 44     | 54     | 0.689     | -0.033    | 3.501 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 27.5 | 159        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 4   | 22   | 54     | 54     | 0.745     | -0.036    | 3.501 | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 30.5 | 159        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 4   | 23   | 4      | 54     | 0.709     | -0.02     | 3.501 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 29.7 | 159        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 4   | 23   | 14     | 54     | 0.725     | -0.066    | 3.501 | 0.01      | 0.007     | 0         | 52.9 | 54.6 | 29.2 | 159        | 162        | 0          | 36     | 35     |
| 2009 | 6     | 4   | 23   | 24     | 54     | 0.728     | -0.052    | 3.501 | 0.016     | 0.016     | 0         | 53.3 | 54.6 | 29.2 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 23   | 34     | 54     | 0.741     | 0.01      | 3.501 | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 29.7 | 159        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 4   | 23   | 44     | 54     | 0.682     | -0.039    | 3.501 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 29.7 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 23   | 54     | 54     | 0.686     | -0.043    | 3.497 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 28.8 | 159        | 162        | 0          | 35     | 36     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 5   | 0    | 4      | 54     | 0.659     | 0.007     | 3.497 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 29.7 | 159        | 161        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 0    | 14     | 54     | 0.692     | -0.046    | 3.497 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 28.8 | 159        | 162        | 0          | 35     | 37     |
| 2009 | 6     | 5   | 0    | 24     | 54     | 0.748     | -0.066    | 3.497 | 0.01      | 0.007     | 0         | 52.5 | 54.2 | 30.1 | 158        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 0    | 34     | 54     | 0.702     | -0.026    | 3.497 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 28.4 | 160        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 0    | 44     | 54     | 0.741     | 0         | 3.497 | 0.016     | 0.016     | 0         | 53.3 | 54.6 | 28.8 | 160        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 0    | 54     | 54     | 0.728     | -0.043    | 3.497 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 29.7 | 160        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 1    | 4      | 54     | 0.719     | -0.026    | 3.497 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 29.7 | 159        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 1    | 14     | 54     | 0.702     | -0.033    | 3.497 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 28.8 | 159        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 1    | 24     | 54     | 0.738     | 0.013     | 3.497 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 28   | 160        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 1    | 34     | 54     | 0.696     | -0.043    | 3.497 | 0.01      | 0.007     | 0         | 52.9 | 54.6 | 29.2 | 158        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 1    | 44     | 54     | 0.682     | 0         | 3.497 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 29.2 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 1    | 54     | 54     | 0.755     | -0.059    | 3.497 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 30.5 | 159        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 2    | 4      | 54     | 0.666     | -0.072    | 3.497 | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 28.8 | 159        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 2    | 14     | 54     | 0.702     | -0.049    | 3.497 | 0.016     | 0.013     | 0         | 52.9 | 53.8 | 28.8 | 158        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 2    | 24     | 54     | 0.699     | -0.033    | 3.497 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 28.4 | 158        | 161        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 2    | 34     | 54     | 0.715     | -0.033    | 3.497 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 28.4 | 158        | 161        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 2    | 44     | 54     | 0.761     | -0.043    | 3.497 | 0.016     | 0.016     | 0         | 52.5 | 54.2 | 29.2 | 159        | 161        | 0          | 37     | 35     |
| 2009 | 6     | 5   | 2    | 54     | 54     | 0.682     | -0.046    | 3.494 | 0.016     | 0.013     | 0         | 52.5 | 54.2 | 29.2 | 158        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 3    | 4      | 54     | 0.719     | -0.046    | 3.497 | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 29.2 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 3    | 14     | 54     | 0.699     | -0.062    | 3.497 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 29.7 | 159        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 3    | 24     | 54     | 0.712     | -0.062    | 3.494 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 29.2 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 3    | 34     | 54     | 0.761     | -0.039    | 3.494 | 0.016     | 0.013     | 0         | 52.5 | 53.8 | 28.8 | 158        | 161        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 3    | 44     | 54     | 0.705     | -0.033    | 3.494 | 0.013     | 0.01      | 0         | 52.5 | 54.2 | 29.2 | 158        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 3    | 54     | 54     | 0.709     | -0.049    | 3.494 | 0.016     | 0.013     | 0         | 52.5 | 53.8 | 29.7 | 158        | 161        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 4    | 4      | 54     | 0.65      | -0.085    | 3.494 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 29.2 | 158        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 4    | 14     | 54     | 0.709     | -0.066    | 3.494 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 29.7 | 158        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 4    | 24     | 54     | 0.682     | -0.062    | 3.494 | 0.013     | 0.01      | 0         | 52.5 | 54.6 | 28.8 | 158        | 162        | 0          | 36     | 35     |
| 2009 | 6     | 5   | 4    | 34     | 54     | 0.689     | -0.118    | 3.494 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 29.7 | 158        | 161        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 4    | 44     | 54     | 0.686     | -0.033    | 3.494 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 29.7 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 4    | 54     | 54     | 0.745     | -0.043    | 3.494 | 0.016     | 0.013     | 0         | 52.9 | 53.8 | 30.5 | 158        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 5    | 4      | 54     | 0.663     | -0.007    | 3.494 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 29.2 | 159        | 161        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 5    | 14     | 54     | 0.719     | -0.049    | 3.494 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 28.8 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 5    | 24     | 54     | 0.728     | -0.03     | 3.494 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 28.8 | 160        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 5    | 34     | 54     | 0.732     | -0.016    | 3.494 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 29.2 | 160        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 5    | 44     | 54     | 0.673     | -0.02     | 3.494 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 30.1 | 159        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 5    | 54     | 54     | 0.709     | -0.062    | 3.494 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 28.4 | 160        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 6    | 4      | 54     | 0.712     | -0.049    | 3.491 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 28   | 160        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 6    | 14     | 54     | 0.643     | -0.046    | 3.491 | 0.013     | 0.01      | 0         | 53.8 | 55   | 28.8 | 161        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 6    | 24     | 54     | 0.676     | -0.033    | 3.494 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 29.7 | 160        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 6    | 34     | 54     | 0.669     | -0.056    | 3.491 | 0.016     | 0.016     | 0         | 53.8 | 54.6 | 28.4 | 161        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 6    | 44     | 54     | 0.686     | -0.03     | 3.494 | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 29.2 | 159        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 6    | 54     | 54     | 0.686     | -0.046    | 3.491 | 0.016     | 0.013     | 0         | 53.3 | 55   | 28   | 160        | 163        | 0          | 36     | 35     |
| 2009 | 6     | 5   | 7    | 4      | 54     | 0.63      | -0.056    | 3.494 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 29.2 | 159        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 7    | 14     | 54     | 0.676     | -0.046    | 3.494 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 29.7 | 159        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 7    | 24     | 54     | 0.741     | -0.046    | 3.491 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 28   | 159        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 7    | 34     | 54     | 0.748     | -0.003    | 3.494 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 28.8 | 158        | 161        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 7    | 44     | 54     | 0.692     | -0.039    | 3.491 | 0.013     | 0.01      | 0         | 52.5 | 54.2 | 30.1 | 159        | 162        | 0          | 37     | 36     |
| 2009 | 6     | 5   | 7    | 54     | 54     | 0.676     | -0.039    | 3.494 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 28   | 159        | 161        | 0          | 36     | 36     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 5   | 8    | 4      | 54     | 0.705     | -0.069    | 3.491 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 28.4 | 160        | 162        | 0          | 36     | 37     |
| 2009 | 6     | 5   | 8    | 14     | 54     | 0.663     | -0.033    | 3.491 | 0.016     | 0.016     | 0         | 53.3 | 55   | 27.5 | 160        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 8    | 24     | 54     | 0.679     | -0.049    | 3.494 | 0.016     | 0.013     | 0         | 52.5 | 54.2 | 28.8 | 159        | 162        | 0          | 37     | 36     |
| 2009 | 6     | 5   | 8    | 34     | 54     | 0.696     | -0.036    | 3.491 | 0.01      | 0.007     | 0         | 53.8 | 55.5 | 28.8 | 161        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 8    | 44     | 54     | 0.732     | -0.016    | 3.494 | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 28   | 159        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 8    | 54     | 54     | 0.679     | -0.066    | 3.491 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 28.4 | 160        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 9    | 4      | 54     | 0.686     | -0.062    | 3.494 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 29.7 | 160        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 9    | 14     | 54     | 0.696     | -0.046    | 3.494 | 0.013     | 0.01      | 0         | 53.8 | 55   | 28   | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 9    | 24     | 54     | 0.699     | -0.059    | 3.491 | 0.016     | 0.016     | 0         | 53.3 | 54.6 | 29.2 | 160        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 9    | 34     | 54     | 0.676     | -0.062    | 3.491 | 0.013     | 0.01      | 0         | 54.2 | 55.9 | 29.2 | 162        | 165        | 0          | 36     | 35     |
| 2009 | 6     | 5   | 9    | 44     | 54     | 0.719     | -0.023    | 3.491 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 27.5 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 9    | 54     | 54     | 0.702     | -0.072    | 3.491 | 0.016     | 0.013     | 0         | 54.2 | 55   | 28.4 | 162        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 10   | 4      | 54     | 0.702     | -0.033    | 3.491 | 0.016     | 0.013     | 0         | 53.3 | 55   | 28.4 | 161        | 164        | 0          | 37     | 36     |
| 2009 | 6     | 5   | 10   | 14     | 54     | 0.636     | -0.016    | 3.494 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 28.4 | 160        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 10   | 24     | 54     | 0.666     | -0.072    | 3.491 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 29.2 | 160        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 10   | 34     | 54     | 0.719     | -0.03     | 3.491 | 0.016     | 0.013     | 0         | 54.2 | 55   | 28   | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 10   | 44     | 54     | 0.689     | -0.085    | 3.491 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 28   | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 10   | 54     | 54     | 0.682     | -0.039    | 3.491 | 0.013     | 0.01      | 0         | 53.8 | 55   | 28.4 | 161        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 11   | 4      | 54     | 0.696     | -0.043    | 3.491 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 28.4 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 11   | 14     | 54     | 0.735     | 0.013     | 3.491 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 28.4 | 161        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 11   | 24     | 54     | 0.709     | -0.046    | 3.491 | 0.016     | 0.013     | 0         | 53.8 | 55   | 28.4 | 161        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 11   | 34     | 54     | 0.669     | -0.052    | 3.488 | 0.016     | 0.013     | 0         | 53.8 | 55   | 28   | 161        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 11   | 44     | 54     | 0.673     | -0.062    | 3.491 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 27.1 | 161        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 11   | 54     | 54     | 0.663     | -0.036    | 3.488 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 28.4 | 160        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 12   | 4      | 54     | 0.646     | -0.046    | 3.484 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 28.8 | 161        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 12   | 14     | 54     | 0.692     | -0.079    | 3.484 | 0.01      | 0.007     | 0         | 53.8 | 55   | 28   | 161        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 12   | 24     | 54     | 0.646     | -0.026    | 3.481 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 27.1 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 12   | 34     | 54     | 0.594     | -0.056    | 3.481 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 29.7 | 162        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 12   | 44     | 54     | 0.669     | -0.062    | 3.481 | 0.016     | 0.013     | 0         | 54.2 | 55   | 28.4 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 12   | 54     | 54     | 0.669     | -0.062    | 3.478 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 28   | 162        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 13   | 4      | 54     | 0.705     | -0.033    | 3.478 | 0.016     | 0.013     | 0         | 55   | 55.5 | 28.4 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 13   | 14     | 54     | 0.689     | -0.013    | 3.478 | 0.013     | 0.01      | 0         | 55   | 55.5 | 28   | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 13   | 24     | 54     | 0.715     | -0.03     | 3.478 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 28   | 163        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 13   | 34     | 54     | 0.676     | -0.059    | 3.478 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 28.8 | 162        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 13   | 44     | 54     | 0.636     | -0.046    | 3.478 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 27.1 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 13   | 54     | 54     | 0.666     | -0.046    | 3.478 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 28.4 | 162        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 14   | 4      | 54     | 0.696     | -0.036    | 3.478 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 36.5 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 14   | 14     | 54     | 0.663     | -0.056    | 3.481 | 0.013     | 0.01      | 0         | 55   | 55.9 | 42.6 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 14   | 24     | 54     | 0.594     | -0.069    | 3.478 | 0.013     | 0.01      | 0         | 55   | 55.9 | 30.5 | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 14   | 34     | 54     | 0.659     | -0.066    | 3.481 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 48.2 | 164        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 14   | 44     | 54     | 0.617     | -0.066    | 3.478 | 0.013     | 0.01      | 0         | 55   | 55.9 | 32.3 | 164        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 14   | 54     | 54     | 0.627     | -0.052    | 3.478 | 0.013     | 0.01      | 0         | 55   | 56.3 | 29.7 | 164        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 15   | 4      | 54     | 0.659     | -0.059    | 3.478 | 0.01      | 0.007     | 0         | 55   | 56.8 | 28.4 | 164        | 167        | 0          | 36     | 35     |
| 2009 | 6     | 5   | 15   | 14     | 54     | 0.643     | -0.095    | 3.478 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 29.2 | 164        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 15   | 24     | 54     | 0.643     | -0.052    | 3.478 | 0.016     | 0.013     | 0         | 55   | 56.3 | 30.5 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 15   | 34     | 54     | 0.65      | -0.046    | 3.478 | 0.013     | 0.01      | 0         | 55   | 55.5 | 29.7 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 15   | 44     | 54     | 0.636     | -0.059    | 3.478 | 0.013     | 0.01      | 0         | 55   | 55.9 | 31.4 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 15   | 54     | 54     | 0.705     | -0.033    | 3.478 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 30.5 | 162        | 165        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 5   | 16   | 4      | 54     | 0.65      | -0.046    | 3.478 | 0.016     | 0.013     | 0         | 55   | 55.5 | 31   | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 16   | 14     | 54     | 0.65      | -0.108    | 3.478 | 0.013     | 0.01      | 0         | 55   | 56.3 | 31.4 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 16   | 24     | 54     | 0.679     | -0.03     | 3.478 | 0.01      | 0.007     | 0         | 55   | 56.3 | 46   | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 16   | 34     | 54     | 0.709     | -0.069    | 3.478 | 0.013     | 0.01      | 0         | 54.6 | 56.3 | 36.1 | 163        | 166        | 0          | 36     | 35     |
| 2009 | 6     | 5   | 16   | 44     | 54     | 0.719     | -0.026    | 3.478 | 0.016     | 0.016     | 0         | 55   | 56.3 | 33.5 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 16   | 54     | 54     | 0.679     | -0.062    | 3.478 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 42.6 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 17   | 4      | 54     | 0.666     | -0.052    | 3.478 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 39.6 | 164        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 17   | 14     | 54     | 0.656     | -0.03     | 3.478 | 0.016     | 0.016     | 0         | 56.3 | 56.3 | 47.3 | 165        | 167        | 0          | 34     | 36     |
| 2009 | 6     | 5   | 17   | 24     | 54     | 0.686     | -0.052    | 3.481 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 47.3 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 17   | 34     | 54     | 0.699     | -0.01     | 3.478 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 37.4 | 164        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 17   | 44     | 54     | 0.63      | -0.046    | 3.474 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 29.2 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 17   | 54     | 54     | 0.656     | -0.072    | 3.478 | 0.016     | 0.013     | 0         | 55   | 55.9 | 43   | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 18   | 4      | 54     | 0.656     | -0.039    | 3.474 | 0.013     | 0.01      | 0         | 55   | 56.3 | 32.7 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 18   | 14     | 54     | 0.62      | -0.085    | 3.474 | 0.013     | 0.01      | 0         | 55   | 55.9 | 29.7 | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 18   | 24     | 54     | 0.751     | -0.023    | 3.474 | 0.013     | 0.01      | 0         | 54.2 | 55.9 | 29.2 | 162        | 165        | 0          | 36     | 35     |
| 2009 | 6     | 5   | 18   | 34     | 54     | 0.682     | -0.033    | 3.474 | 0.013     | 0.01      | 0         | 55   | 55.9 | 34.8 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 18   | 44     | 54     | 0.669     | -0.082    | 3.474 | 0.013     | 0.01      | 0         | 55   | 56.3 | 29.7 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 18   | 54     | 54     | 0.669     | -0.046    | 3.474 | 0.013     | 0.01      | 0         | 55   | 56.3 | 30.5 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 19   | 4      | 54     | 0.715     | -0.036    | 3.474 | 0.013     | 0.01      | 0         | 55   | 55.9 | 29.7 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 19   | 14     | 54     | 0.741     | -0.01     | 3.471 | 0.013     | 0.01      | 0         | 55   | 55.9 | 28.8 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 19   | 24     | 54     | 0.705     | -0.023    | 3.471 | 0.013     | 0.01      | 0         | 54.6 | 56.3 | 28.8 | 163        | 166        | 0          | 36     | 35     |
| 2009 | 6     | 5   | 19   | 34     | 54     | 0.692     | -0.052    | 3.471 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 28   | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 19   | 44     | 54     | 0.689     | -0.007    | 3.471 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 30.1 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 19   | 54     | 54     | 0.673     | -0.046    | 3.471 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 29.7 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 20   | 4      | 54     | 0.689     | -0.056    | 3.471 | 0.01      | 0.007     | 0         | 54.2 | 55.5 | 30.1 | 162        | 164        | 0          | 36     | 35     |
| 2009 | 6     | 5   | 20   | 14     | 54     | 0.673     | -0.023    | 3.471 | 0.01      | 0.007     | 0         | 53.8 | 55.5 | 29.7 | 161        | 164        | 0          | 36     | 35     |
| 2009 | 6     | 5   | 20   | 24     | 54     | 0.682     | -0.02     | 3.471 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 28.4 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 20   | 34     | 54     | 0.673     | -0.046    | 3.471 | 0.016     | 0.016     | 0         | 53.3 | 55   | 29.2 | 160        | 163        | 0          | 36     | 35     |
| 2009 | 6     | 5   | 20   | 44     | 54     | 0.761     | -0.003    | 3.471 | 0.01      | 0.007     | 0         | 53.8 | 55   | 30.1 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 20   | 54     | 54     | 0.732     | -0.033    | 3.471 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 28.8 | 161        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 21   | 4      | 54     | 0.666     | -0.023    | 3.471 | 0.016     | 0.013     | 0         | 53.8 | 55   | 29.7 | 160        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 21   | 14     | 54     | 0.679     | -0.052    | 3.468 | 0.013     | 0.01      | 0         | 53.8 | 55   | 29.2 | 161        | 163        | 0          | 36     | 35     |
| 2009 | 6     | 5   | 21   | 24     | 54     | 0.728     | -0.01     | 3.468 | 0.016     | 0.016     | 0         | 53.8 | 55   | 30.1 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 21   | 34     | 54     | 0.705     | -0.016    | 3.468 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 29.7 | 160        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 21   | 44     | 54     | 0.715     | -0.046    | 3.468 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 30.1 | 161        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 21   | 54     | 54     | 0.771     | -0.016    | 3.468 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 29.2 | 160        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 22   | 4      | 54     | 0.722     | -0.039    | 3.468 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 29.7 | 160        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 22   | 14     | 54     | 0.689     | -0.049    | 3.468 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 30.1 | 161        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 5   | 22   | 24     | 54     | 0.705     | -0.039    | 3.468 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 29.2 | 160        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 22   | 34     | 54     | 0.722     | -0.023    | 3.468 | 0.016     | 0.013     | 0         | 53.8 | 55   | 29.7 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 22   | 44     | 54     | 0.709     | -0.043    | 3.468 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 30.1 | 160        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 22   | 54     | 54     | 0.705     | -0.046    | 3.468 | 0.013     | 0.01      | 0         | 53.8 | 55   | 29.7 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 23   | 4      | 54     | 0.643     | -0.043    | 3.465 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 28.4 | 160        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 23   | 14     | 54     | 0.646     | -0.039    | 3.465 | 0.016     | 0.016     | 0         | 53.8 | 54.6 | 29.7 | 160        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 5   | 23   | 24     | 54     | 0.696     | -0.066    | 3.465 | 0.01      | 0.007     | 0         | 52.9 | 54.6 | 29.7 | 159        | 162        | 0          | 36     | 35     |
| 2009 | 6     | 5   | 23   | 34     | 54     | 0.702     | -0.026    | 3.465 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 29.2 | 159        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 5   | 23   | 44     | 54     | 0.705     | -0.056    | 3.465 | 0.016     | 0.016     | 0         | 52.9 | 54.6 | 30.1 | 159        | 162        | 0          | 36     | 35     |
| 2009 | 6     | 5   | 23   | 54     | 54     | 0.725     | -0.01     | 3.465 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 28.4 | 160        | 162        | 0          | 35     | 36     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 6   | 0    | 4      | 54     | 0.692     | -0.036    | 3.465 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 29.7 | 160        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 0    | 14     | 54     | 0.676     | -0.026    | 3.465 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 29.2 | 160        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 0    | 24     | 54     | 0.705     | -0.052    | 3.465 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 29.7 | 160        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 0    | 34     | 54     | 0.735     | -0.052    | 3.465 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 28.8 | 160        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 0    | 44     | 54     | 0.741     | -0.016    | 3.465 | 0.013     | 0.01      | 0         | 53.8 | 55   | 29.2 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 0    | 54     | 54     | 0.676     | -0.026    | 3.465 | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 29.2 | 159        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 1    | 4      | 54     | 0.709     | -0.016    | 3.465 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 30.1 | 159        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 1    | 14     | 54     | 0.692     | -0.033    | 3.465 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 30.1 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 1    | 24     | 54     | 0.705     | -0.036    | 3.461 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 29.7 | 160        | 162        | 0          | 36     | 35     |
| 2009 | 6     | 6   | 1    | 34     | 54     | 0.722     | 0         | 3.461 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 29.7 | 160        | 163        | 0          | 34     | 36     |
| 2009 | 6     | 6   | 1    | 44     | 54     | 0.64      | -0.062    | 3.461 | 0.016     | 0.013     | 0         | 53.3 | 55   | 28.8 | 160        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 1    | 54     | 54     | 0.709     | -0.039    | 3.461 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 28.4 | 160        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 2    | 4      | 54     | 0.709     | 0.013     | 3.461 | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 28.8 | 159        | 162        | 0          | 36     | 35     |
| 2009 | 6     | 6   | 2    | 14     | 54     | 0.715     | -0.039    | 3.461 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 29.7 | 160        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 2    | 24     | 54     | 0.656     | -0.062    | 3.461 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 28.8 | 159        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 2    | 34     | 54     | 0.735     | -0.046    | 3.461 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 29.7 | 159        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 2    | 44     | 54     | 0.699     | -0.049    | 3.461 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 29.2 | 160        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 2    | 54     | 54     | 0.696     | -0.036    | 3.461 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 30.5 | 160        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 3    | 4      | 54     | 0.712     | -0.062    | 3.461 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 28.8 | 160        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 3    | 14     | 54     | 0.722     | -0.03     | 3.461 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 29.2 | 160        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 3    | 24     | 54     | 0.768     | 0.016     | 3.461 | 0.016     | 0.016     | 0         | 53.3 | 54.2 | 30.1 | 160        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 3    | 34     | 54     | 0.692     | -0.03     | 3.461 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 28.4 | 160        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 3    | 44     | 54     | 0.702     | -0.026    | 3.461 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 28.4 | 160        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 3    | 54     | 54     | 0.679     | -0.085    | 3.461 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 29.7 | 160        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 4    | 4      | 54     | 0.705     | -0.02     | 3.461 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 29.7 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 4    | 14     | 54     | 0.738     | -0.043    | 3.461 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 29.2 | 160        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 4    | 24     | 54     | 0.676     | -0.013    | 3.461 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 29.7 | 160        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 4    | 34     | 54     | 0.636     | -0.03     | 3.461 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 29.2 | 160        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 4    | 44     | 54     | 0.705     | -0.069    | 3.461 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 28.8 | 160        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 4    | 54     | 54     | 0.699     | -0.033    | 3.461 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 29.2 | 161        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 5    | 4      | 54     | 0.656     | -0.062    | 3.458 | 0.01      | 0.007     | 0         | 54.2 | 55   | 28.4 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 5    | 14     | 54     | 0.692     | -0.023    | 3.458 | 0.016     | 0.013     | 0         | 53.8 | 55.5 | 28.8 | 161        | 164        | 0          | 36     | 35     |
| 2009 | 6     | 6   | 5    | 24     | 54     | 0.692     | -0.039    | 3.461 | 0.013     | 0.01      | 0         | 53.8 | 55   | 29.2 | 161        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 5    | 34     | 54     | 0.682     | 0         | 3.461 | 0.013     | 0.01      | 0         | 54.6 | 55   | 28.8 | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 5    | 44     | 54     | 0.735     | -0.03     | 3.461 | 0.016     | 0.013     | 0         | 53.8 | 55   | 28.8 | 161        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 5    | 54     | 54     | 0.663     | -0.033    | 3.461 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 28   | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 6    | 4      | 54     | 0.689     | -0.036    | 3.461 | 0.016     | 0.016     | 0         | 54.2 | 55   | 28   | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 6    | 14     | 54     | 0.699     | -0.016    | 3.461 | 0.016     | 0.013     | 0         | 54.2 | 55   | 29.2 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 6    | 24     | 54     | 0.659     | -0.007    | 3.461 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 28.8 | 161        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 6    | 34     | 54     | 0.669     | -0.046    | 3.461 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 29.7 | 161        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 6    | 44     | 54     | 0.673     | -0.062    | 3.458 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 29.7 | 160        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 6    | 54     | 54     | 0.653     | -0.075    | 3.461 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 29.2 | 160        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 7    | 4      | 54     | 0.689     | -0.052    | 3.461 | 0.013     | 0.01      | 0         | 53.8 | 55   | 30.1 | 161        | 163        | 0          | 36     | 35     |
| 2009 | 6     | 6   | 7    | 14     | 54     | 0.682     | -0.049    | 3.461 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 27.5 | 160        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 7    | 24     | 54     | 0.715     | -0.062    | 3.461 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 30.1 | 160        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 7    | 34     | 54     | 0.682     | -0.046    | 3.461 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 29.7 | 160        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 7    | 44     | 54     | 0.666     | -0.066    | 3.461 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 28.8 | 160        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 7    | 54     | 54     | 0.653     | -0.075    | 3.461 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 28.8 | 160        | 163        | 0          | 35     | 36     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 6   | 8    | 4      | 54     | 0.689     | -0.02     | 3.461 | 0.016     | 0.013     | 0         | 53.8 | 55.5 | 28.8 | 161        | 164        | 0          | 36     | 35     |
| 2009 | 6     | 6   | 8    | 14     | 54     | 0.689     | -0.079    | 3.461 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 30.5 | 161        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 8    | 24     | 54     | 0.669     | -0.043    | 3.461 | 0.016     | 0.016     | 0         | 53.8 | 55   | 29.7 | 161        | 163        | 0          | 36     | 35     |
| 2009 | 6     | 6   | 8    | 34     | 54     | 0.715     | -0.039    | 3.461 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 29.2 | 161        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 8    | 44     | 54     | 0.692     | -0.039    | 3.461 | 0.01      | 0.007     | 0         | 54.2 | 55   | 31   | 162        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 8    | 54     | 54     | 0.689     | -0.052    | 3.461 | 0.013     | 0.01      | 0         | 53.8 | 55   | 29.7 | 161        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 9    | 4      | 54     | 0.699     | -0.052    | 3.461 | 0.01      | 0.007     | 0         | 53.8 | 55   | 29.7 | 161        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 9    | 14     | 54     | 0.646     | -0.069    | 3.461 | 0.01      | 0.007     | 0         | 53.8 | 55   | 28.8 | 161        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 9    | 24     | 54     | 0.65      | -0.072    | 3.461 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 28   | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 9    | 34     | 54     | 0.666     | -0.062    | 3.461 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 30.5 | 161        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 9    | 44     | 54     | 0.656     | -0.062    | 3.461 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 29.7 | 161        | 163        | 0          | 35     | 37     |
| 2009 | 6     | 6   | 9    | 54     | 54     | 0.646     | -0.069    | 3.461 | 0.013     | 0.01      | 0         | 53.8 | 55   | 28.8 | 161        | 163        | 0          | 36     | 35     |
| 2009 | 6     | 6   | 10   | 4      | 54     | 0.646     | -0.046    | 3.461 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 29.7 | 160        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 10   | 14     | 54     | 0.705     | -0.059    | 3.461 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 29.2 | 160        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 10   | 24     | 54     | 0.728     | -0.026    | 3.461 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 31.4 | 160        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 10   | 34     | 54     | 0.741     | -0.049    | 3.461 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 28.8 | 160        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 10   | 44     | 54     | 0.627     | -0.079    | 3.461 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 29.2 | 160        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 10   | 54     | 54     | 0.63      | -0.092    | 3.461 | 0.016     | 0.013     | 0         | 53.3 | 53.3 | 29.7 | 159        | 161        | 0          | 35     | 37     |
| 2009 | 6     | 6   | 11   | 4      | 54     | 0.656     | -0.056    | 3.461 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 29.7 | 160        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 11   | 14     | 54     | 0.699     | -0.079    | 3.461 | 0.01      | 0.007     | 0         | 53.8 | 55   | 30.1 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 11   | 24     | 54     | 0.63      | -0.059    | 3.461 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 30.1 | 161        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 11   | 34     | 54     | 0.666     | -0.056    | 3.461 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 31   | 160        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 11   | 44     | 54     | 0.692     | -0.007    | 3.461 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 30.1 | 160        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 11   | 54     | 54     | 0.623     | -0.072    | 3.461 | 0.016     | 0.016     | 0         | 53.3 | 54.2 | 30.1 | 160        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 12   | 4      | 54     | 0.673     | -0.046    | 3.458 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 28.8 | 160        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 12   | 14     | 54     | 0.686     | -0.062    | 3.461 | 0.016     | 0.013     | 0         | 53.8 | 55   | 28   | 161        | 163        | 0          | 36     | 35     |
| 2009 | 6     | 6   | 12   | 24     | 54     | 0.643     | -0.036    | 3.461 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 28.8 | 161        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 12   | 34     | 54     | 0.673     | -0.049    | 3.461 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 28   | 160        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 12   | 44     | 54     | 0.679     | -0.069    | 3.458 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 29.2 | 160        | 162        | 0          | 36     | 35     |
| 2009 | 6     | 6   | 12   | 54     | 54     | 0.696     | -0.062    | 3.458 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 28.8 | 160        | 162        | 0          | 36     | 35     |
| 2009 | 6     | 6   | 13   | 4      | 54     | 0.633     | -0.013    | 3.458 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 29.2 | 160        | 162        | 0          | 36     | 35     |
| 2009 | 6     | 6   | 13   | 14     | 54     | 0.669     | -0.036    | 3.458 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 28.8 | 160        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 13   | 24     | 54     | 0.689     | -0.033    | 3.458 | 0.01      | 0.007     | 0         | 53.8 | 55   | 28.4 | 161        | 163        | 0          | 36     | 35     |
| 2009 | 6     | 6   | 13   | 34     | 54     | 0.633     | -0.072    | 3.455 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 29.7 | 161        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 13   | 44     | 54     | 0.659     | -0.059    | 3.461 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 41.3 | 160        | 162        | 0          | 36     | 35     |
| 2009 | 6     | 6   | 13   | 54     | 54     | 0.705     | -0.062    | 3.455 | 0.01      | 0.007     | 0         | 53.3 | 55   | 31.4 | 160        | 163        | 0          | 36     | 35     |
| 2009 | 6     | 6   | 14   | 4      | 54     | 0.663     | -0.082    | 3.455 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 31   | 160        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 14   | 14     | 54     | 0.607     | -0.072    | 3.455 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 39.6 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 14   | 24     | 54     | 0.64      | -0.049    | 3.451 | 0.016     | 0.016     | 0         | 54.2 | 55   | 29.7 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 14   | 34     | 54     | 0.725     | -0.036    | 3.458 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 46   | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 14   | 44     | 54     | 0.633     | -0.03     | 3.455 | 0.016     | 0.013     | 0         | 54.2 | 55   | 43.9 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 14   | 54     | 54     | 0.666     | -0.026    | 3.451 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 28.8 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 15   | 4      | 54     | 0.63      | -0.033    | 3.448 | 0.01      | 0.007     | 0         | 54.2 | 55   | 29.2 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 15   | 14     | 54     | 0.617     | -0.033    | 3.451 | 0.01      | 0.007     | 0         | 53.8 | 55.5 | 34.4 | 161        | 164        | 0          | 36     | 35     |
| 2009 | 6     | 6   | 15   | 24     | 54     | 0.636     | -0.02     | 3.448 | 0.016     | 0.013     | 0         | 54.2 | 55   | 31.4 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 15   | 34     | 54     | 0.682     | -0.049    | 3.451 | 0.016     | 0.016     | 0         | 53.8 | 55   | 37.8 | 161        | 163        | 0          | 36     | 35     |
| 2009 | 6     | 6   | 15   | 44     | 54     | 0.653     | -0.039    | 3.451 | 0.01      | 0.007     | 0         | 54.2 | 55   | 38.7 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 15   | 54     | 54     | 0.666     | -0.01     | 3.451 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 37.8 | 162        | 164        | 0          | 36     | 35     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 6   | 16   | 4      | 54     | 0.636     | -0.052    | 3.451 | 0.01      | 0.007     | 0         | 53.8 | 55   | 39.1 | 161        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 16   | 14     | 54     | 0.636     | -0.03     | 3.448 | 0.01      | 0.007     | 0         | 54.2 | 55.5 | 41.3 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 16   | 24     | 54     | 0.732     | -0.036    | 3.448 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 29.2 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 16   | 34     | 54     | 0.646     | -0.056    | 3.448 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 35.3 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 16   | 44     | 54     | 0.646     | -0.046    | 3.448 | 0.01      | 0.007     | 0         | 54.2 | 55.9 | 30.1 | 161        | 164        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 16   | 54     | 54     | 0.712     | -0.013    | 3.448 | 0.016     | 0.013     | 0         | 54.2 | 55   | 29.7 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 17   | 4      | 54     | 0.692     | -0.01     | 3.448 | 0.016     | 0.013     | 0         | 54.2 | 55   | 31.4 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 17   | 14     | 54     | 0.679     | -0.013    | 3.448 | 0.016     | 0.013     | 0         | 54.2 | 55   | 29.7 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 17   | 24     | 54     | 0.669     | -0.016    | 3.448 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 29.2 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 17   | 34     | 54     | 0.696     | -0.023    | 3.448 | 0.013     | 0.01      | 0         | 53.8 | 55   | 29.7 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 17   | 44     | 54     | 0.741     | -0.066    | 3.448 | 0.01      | 0.007     | 0         | 54.2 | 55   | 29.2 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 17   | 54     | 54     | 0.656     | -0.046    | 3.448 | 0.016     | 0.013     | 0         | 54.2 | 55   | 28.8 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 18   | 4      | 54     | 0.627     | -0.036    | 3.448 | 0.013     | 0.01      | 0         | 54.2 | 55   | 29.2 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 18   | 14     | 54     | 0.725     | 0.003     | 3.448 | 0.013     | 0.01      | 0         | 54.2 | 55   | 30.5 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 18   | 24     | 54     | 0.663     | -0.056    | 3.448 | 0.013     | 0.01      | 0         | 53.8 | 55   | 28.8 | 161        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 6   | 18   | 34     | 54     | 0.659     | -0.069    | 3.448 | 0.013     | 0.01      | 0         | 53.8 | 55.5 | 27.5 | 161        | 164        | 0          | 36     | 35     |
| 2009 | 6     | 6   | 18   | 44     | 54     | 0.646     | -0.033    | 3.448 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 28.4 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 18   | 54     | 54     | 0.689     | -0.039    | 3.448 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 28.4 | 161        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 6   | 19   | 4      | 54     | 0.676     | -0.036    | 3.448 | 0.013     | 0.01      | 0         | 54.6 | 55   | 28.8 | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 19   | 14     | 54     | 0.755     | -0.033    | 3.448 | 0.016     | 0.013     | 0         | 54.2 | 55   | 29.2 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 19   | 24     | 54     | 0.646     | -0.033    | 3.448 | 0.016     | 0.013     | 0         | 54.2 | 55   | 28.8 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 19   | 34     | 54     | 0.715     | -0.033    | 3.448 | 0.013     | 0.01      | 0         | 54.2 | 55   | 28.8 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 19   | 44     | 54     | 0.653     | -0.079    | 3.448 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 29.2 | 162        | 164        | 0          | 36     | 35     |
| 2009 | 6     | 6   | 19   | 54     | 54     | 0.689     | -0.033    | 3.448 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 28.8 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 20   | 4      | 54     | 0.676     | -0.02     | 3.448 | 0.013     | 0.01      | 0         | 53.8 | 55   | 28.4 | 161        | 163        | 0          | 36     | 35     |
| 2009 | 6     | 6   | 20   | 14     | 54     | 0.712     | -0.046    | 3.448 | 0.013     | 0.01      | 0         | 54.2 | 55   | 28.4 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 20   | 24     | 54     | 0.725     | -0.049    | 3.448 | 0.01      | 0.007     | 0         | 54.2 | 55   | 27.1 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 20   | 34     | 54     | 0.682     | -0.046    | 3.448 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 28   | 161        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 20   | 44     | 54     | 0.617     | -0.056    | 3.448 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 28.4 | 160        | 162        | 0          | 36     | 35     |
| 2009 | 6     | 6   | 20   | 54     | 54     | 0.715     | -0.039    | 3.448 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 29.2 | 160        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 21   | 4      | 54     | 0.702     | -0.052    | 3.448 | 0.016     | 0.013     | 0         | 53.8 | 55   | 29.2 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 21   | 14     | 54     | 0.676     | -0.036    | 3.448 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 28.8 | 160        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 21   | 24     | 54     | 0.696     | -0.03     | 3.448 | 0.01      | 0.007     | 0         | 53.8 | 55   | 28.4 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 21   | 34     | 54     | 0.748     | -0.016    | 3.448 | 0.01      | 0.007     | 0         | 54.2 | 55   | 28.4 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 21   | 44     | 54     | 0.748     | -0.03     | 3.448 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 28.4 | 160        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 21   | 54     | 54     | 0.712     | -0.056    | 3.448 | 0.013     | 0.01      | 0         | 53.8 | 55   | 28.8 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 22   | 4      | 54     | 0.784     | -0.026    | 3.448 | 0.016     | 0.013     | 0         | 54.2 | 55   | 28   | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 22   | 14     | 54     | 0.673     | -0.033    | 3.451 | 0.01      | 0.007     | 0         | 54.2 | 55   | 28.4 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 22   | 24     | 54     | 0.712     | -0.039    | 3.448 | 0.016     | 0.013     | 0         | 54.2 | 55   | 28.4 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 22   | 34     | 54     | 0.725     | -0.059    | 3.451 | 0.013     | 0.01      | 0         | 53.8 | 55   | 27.5 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 22   | 44     | 54     | 0.751     | -0.026    | 3.451 | 0.016     | 0.013     | 0         | 54.2 | 55   | 28   | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 22   | 54     | 54     | 0.758     | -0.016    | 3.448 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 27.1 | 160        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 23   | 4      | 54     | 0.741     | 0.003     | 3.451 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 28.4 | 161        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 23   | 14     | 54     | 0.735     | -0.02     | 3.455 | 0.016     | 0.016     | 0         | 53.8 | 55   | 28   | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 23   | 24     | 54     | 0.676     | -0.043    | 3.455 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 28   | 161        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 23   | 34     | 54     | 0.659     | -0.02     | 3.455 | 0.016     | 0.016     | 0         | 53.8 | 54.6 | 27.5 | 160        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 23   | 44     | 54     | 0.735     | -0.016    | 3.455 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 27.5 | 160        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 6   | 23   | 54     | 54     | 0.719     | -0.059    | 3.455 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 27.5 | 160        | 162        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 7   | 0    | 4      | 54     | 0.728     | -0.02     | 3.455 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 28   | 160        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 0    | 14     | 54     | 0.748     | -0.079    | 3.458 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 27.5 | 161        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 7   | 0    | 24     | 54     | 0.741     | -0.066    | 3.458 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 29.2 | 160        | 162        | 0          | 36     | 35     |
| 2009 | 6     | 7   | 0    | 34     | 54     | 0.725     | -0.03     | 3.458 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 28.4 | 160        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 0    | 44     | 54     | 0.745     | -0.039    | 3.458 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 28.4 | 161        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 0    | 54     | 54     | 0.692     | -0.052    | 3.458 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 28   | 160        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 1    | 4      | 54     | 0.682     | -0.033    | 3.461 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 28.4 | 160        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 1    | 14     | 54     | 0.725     | -0.066    | 3.461 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 28.4 | 160        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 7   | 1    | 24     | 54     | 0.741     | -0.03     | 3.461 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 28.4 | 160        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 1    | 34     | 54     | 0.712     | -0.016    | 3.461 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 28.4 | 160        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 1    | 44     | 54     | 0.755     | -0.03     | 3.461 | 0.016     | 0.016     | 0         | 53.3 | 54.6 | 28.4 | 160        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 7   | 1    | 54     | 54     | 0.784     | -0.03     | 3.465 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 28.8 | 160        | 162        | 0          | 36     | 35     |
| 2009 | 6     | 7   | 2    | 4      | 54     | 0.735     | -0.052    | 3.465 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 30.1 | 160        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 2    | 14     | 54     | 0.722     | -0.056    | 3.465 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 29.2 | 160        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 7   | 2    | 24     | 54     | 0.761     | -0.036    | 3.465 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 28.8 | 160        | 162        | 0          | 36     | 35     |
| 2009 | 6     | 7   | 2    | 34     | 54     | 0.709     | -0.033    | 3.465 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 28.8 | 160        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 2    | 44     | 54     | 0.722     | -0.052    | 3.465 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 29.7 | 160        | 162        | 0          | 36     | 35     |
| 2009 | 6     | 7   | 2    | 54     | 54     | 0.728     | -0.01     | 3.465 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 29.2 | 161        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 3    | 4      | 54     | 0.719     | -0.059    | 3.465 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 29.2 | 160        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 3    | 14     | 54     | 0.705     | -0.036    | 3.465 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 29.2 | 160        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 3    | 24     | 54     | 0.689     | -0.026    | 3.465 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 30.1 | 161        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 3    | 34     | 54     | 0.676     | -0.046    | 3.465 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 30.1 | 160        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 3    | 44     | 54     | 0.702     | -0.082    | 3.465 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 29.7 | 160        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 3    | 54     | 54     | 0.696     | -0.043    | 3.465 | 0.016     | 0.016     | 0         | 53.3 | 54.2 | 28.8 | 160        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 7   | 4    | 4      | 54     | 0.725     | -0.039    | 3.465 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 29.7 | 161        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 4    | 14     | 54     | 0.764     | -0.01     | 3.465 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 30.1 | 161        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 7   | 4    | 24     | 54     | 0.787     | -0.046    | 3.465 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 29.2 | 160        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 4    | 34     | 54     | 0.702     | -0.02     | 3.465 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 29.2 | 160        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 4    | 44     | 54     | 0.679     | -0.052    | 3.465 | 0.016     | 0.013     | 0         | 53.8 | 55   | 28.8 | 161        | 163        | 0          | 36     | 35     |
| 2009 | 6     | 7   | 4    | 54     | 54     | 0.676     | -0.049    | 3.465 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 28.8 | 161        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 7   | 5    | 4      | 54     | 0.715     | -0.033    | 3.465 | 0.013     | 0.01      | 0         | 54.2 | 55   | 28.4 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 5    | 14     | 54     | 0.656     | -0.016    | 3.465 | 0.016     | 0.013     | 0         | 54.2 | 55   | 28.8 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 5    | 24     | 54     | 0.705     | -0.033    | 3.465 | 0.016     | 0.013     | 0         | 54.2 | 55   | 28   | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 5    | 34     | 54     | 0.715     | -0.046    | 3.465 | 0.016     | 0.016     | 0         | 54.6 | 55   | 28   | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 5    | 44     | 54     | 0.712     | -0.026    | 3.465 | 0.013     | 0.01      | 0         | 54.2 | 55   | 28.8 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 5    | 54     | 54     | 0.699     | -0.039    | 3.468 | 0.016     | 0.013     | 0         | 53.8 | 55   | 29.2 | 161        | 163        | 0          | 36     | 35     |
| 2009 | 6     | 7   | 6    | 4      | 54     | 0.719     | -0.066    | 3.465 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 28.8 | 161        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 6    | 14     | 54     | 0.712     | -0.059    | 3.468 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 27.5 | 162        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 7   | 6    | 24     | 54     | 0.738     | -0.026    | 3.468 | 0.013     | 0.01      | 0         | 54.2 | 55   | 28   | 162        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 7   | 6    | 34     | 54     | 0.712     | -0.043    | 3.468 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 27.5 | 162        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 7   | 6    | 44     | 54     | 0.709     | -0.046    | 3.468 | 0.013     | 0.01      | 0         | 54.6 | 55   | 28   | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 6    | 54     | 54     | 0.676     | -0.056    | 3.468 | 0.01      | 0.007     | 0         | 54.6 | 55   | 28.4 | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 7    | 4      | 54     | 0.686     | -0.079    | 3.468 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 28.8 | 161        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 7    | 14     | 54     | 0.696     | -0.033    | 3.468 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 28.4 | 161        | 163        | 0          | 37     | 36     |
| 2009 | 6     | 7   | 7    | 24     | 54     | 0.669     | -0.052    | 3.468 | 0.013     | 0.01      | 0         | 54.2 | 55   | 28   | 162        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 7   | 7    | 34     | 54     | 0.696     | -0.02     | 3.468 | 0.016     | 0.013     | 0         | 54.6 | 55   | 28   | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 7    | 44     | 54     | 0.738     | -0.02     | 3.468 | 0.013     | 0.01      | 0         | 53.8 | 55   | 28.8 | 161        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 7   | 7    | 54     | 54     | 0.699     | -0.023    | 3.468 | 0.01      | 0.007     | 0         | 54.2 | 55   | 28.4 | 162        | 164        | 0          | 36     | 36     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 7   | 8    | 4      | 54     | 0.732     | -0.02     | 3.471 | 0.016     | 0.013     | 0         | 54.6 | 55   | 28.4 | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 8    | 14     | 54     | 0.663     | -0.062    | 3.471 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 28.8 | 162        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 7   | 8    | 24     | 54     | 0.669     | -0.039    | 3.471 | 0.01      | 0.007     | 0         | 53.8 | 55   | 28   | 161        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 7   | 8    | 34     | 54     | 0.673     | -0.043    | 3.471 | 0.016     | 0.013     | 0         | 54.6 | 55   | 27.1 | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 8    | 44     | 54     | 0.64      | -0.02     | 3.471 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 29.2 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 8    | 54     | 54     | 0.699     | -0.039    | 3.471 | 0.016     | 0.013     | 0         | 54.6 | 55   | 27.5 | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 9    | 4      | 54     | 0.692     | -0.066    | 3.471 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 28.4 | 161        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 7   | 9    | 14     | 54     | 0.63      | -0.066    | 3.471 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 27.5 | 162        | 164        | 0          | 36     | 35     |
| 2009 | 6     | 7   | 9    | 24     | 54     | 0.709     | -0.023    | 3.471 | 0.016     | 0.013     | 0         | 54.2 | 55   | 28.8 | 162        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 7   | 9    | 34     | 54     | 0.679     | -0.069    | 3.471 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 28   | 163        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 7   | 9    | 44     | 54     | 0.712     | -0.052    | 3.474 | 0.01      | 0.007     | 0         | 54.2 | 55   | 29.2 | 162        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 7   | 9    | 54     | 54     | 0.64      | -0.082    | 3.474 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 28   | 162        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 7   | 10   | 4      | 54     | 0.696     | -0.043    | 3.474 | 0.016     | 0.016     | 0         | 55   | 55.5 | 27.5 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 10   | 14     | 54     | 0.673     | -0.049    | 3.474 | 0.013     | 0.01      | 0         | 55   | 55   | 28   | 163        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 10   | 24     | 54     | 0.686     | -0.079    | 3.474 | 0.013     | 0.01      | 0         | 54.6 | 55   | 28   | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 10   | 34     | 54     | 0.735     | -0.02     | 3.474 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 28.4 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 10   | 44     | 54     | 0.663     | -0.046    | 3.474 | 0.016     | 0.013     | 0         | 54.2 | 55   | 28.8 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 10   | 54     | 54     | 0.623     | -0.046    | 3.474 | 0.013     | 0.01      | 0         | 54.6 | 55   | 31.8 | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 11   | 4      | 54     | 0.696     | -0.062    | 3.474 | 0.016     | 0.016     | 0         | 54.2 | 55   | 28.4 | 162        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 7   | 11   | 14     | 54     | 0.682     | -0.046    | 3.474 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 28.4 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 11   | 24     | 54     | 0.64      | -0.049    | 3.478 | 0.013     | 0.01      | 0         | 54.6 | 55   | 33.1 | 163        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 7   | 11   | 34     | 54     | 0.679     | -0.036    | 3.478 | 0.016     | 0.013     | 0         | 53.8 | 55.5 | 29.7 | 162        | 165        | 0          | 37     | 36     |
| 2009 | 6     | 7   | 11   | 44     | 54     | 0.659     | -0.026    | 3.478 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 28.8 | 162        | 164        | 0          | 36     | 35     |
| 2009 | 6     | 7   | 11   | 54     | 54     | 0.682     | -0.079    | 3.478 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 28.4 | 163        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 7   | 12   | 4      | 54     | 0.63      | -0.043    | 3.478 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 29.2 | 162        | 164        | 0          | 36     | 35     |
| 2009 | 6     | 7   | 12   | 14     | 54     | 0.659     | -0.095    | 3.478 | 0.013     | 0.01      | 0         | 54.6 | 55   | 28.8 | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 12   | 24     | 54     | 0.62      | -0.092    | 3.478 | 0.013     | 0.01      | 0         | 54.2 | 55   | 29.7 | 162        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 7   | 12   | 34     | 54     | 0.63      | -0.03     | 3.478 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 30.1 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 12   | 44     | 54     | 0.659     | -0.036    | 3.478 | 0.01      | 0.007     | 0         | 55   | 55.9 | 28.8 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 12   | 54     | 54     | 0.656     | -0.072    | 3.481 | 0.013     | 0.01      | 0         | 55   | 55.5 | 33.1 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 13   | 4      | 54     | 0.696     | -0.039    | 3.481 | 0.013     | 0.01      | 0         | 55   | 55.5 | 29.2 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 13   | 14     | 54     | 0.741     | -0.043    | 3.481 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 28.8 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 13   | 24     | 54     | 0.65      | -0.082    | 3.481 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 30.5 | 163        | 165        | 0          | 36     | 35     |
| 2009 | 6     | 7   | 13   | 34     | 54     | 0.712     | -0.062    | 3.481 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 30.1 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 13   | 44     | 54     | 0.646     | -0.066    | 3.484 | 0.013     | 0.01      | 0         | 55   | 55.9 | 33.1 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 13   | 54     | 54     | 0.673     | -0.056    | 3.484 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 36.1 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 14   | 4      | 54     | 0.663     | -0.049    | 3.484 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 35.7 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 14   | 14     | 54     | 0.623     | -0.066    | 3.484 | 0.01      | 0.007     | 0         | 55   | 55.9 | 30.1 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 14   | 24     | 54     | 0.633     | -0.066    | 3.484 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 29.7 | 164        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 14   | 34     | 54     | 0.65      | -0.049    | 3.484 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 28   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 14   | 44     | 54     | 0.604     | -0.082    | 3.484 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 30.5 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 14   | 54     | 54     | 0.636     | -0.033    | 3.484 | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 28.8 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 15   | 4      | 54     | 0.646     | -0.033    | 3.484 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 28.8 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 15   | 14     | 54     | 0.643     | -0.016    | 3.484 | 0.013     | 0.01      | 0         | 55   | 56.3 | 29.7 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 15   | 24     | 54     | 0.659     | -0.03     | 3.484 | 0.016     | 0.016     | 0         | 55.5 | 56.8 | 28   | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 15   | 34     | 54     | 0.663     | -0.03     | 3.484 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 33.5 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 15   | 44     | 54     | 0.666     | -0.026    | 3.488 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 37.4 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 15   | 54     | 54     | 0.633     | -0.049    | 3.484 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 29.2 | 164        | 167        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 7   | 16   | 4      | 54     | 0.659     | -0.092    | 3.488 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 36.1 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 16   | 14     | 54     | 0.699     | -0.033    | 3.488 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 33.1 | 164        | 166        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 16   | 24     | 54     | 0.709     | -0.036    | 3.484 | 0.016     | 0.016     | 0         | 55.5 | 56.8 | 30.1 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 16   | 34     | 54     | 0.669     | -0.016    | 3.488 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 34.4 | 164        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 16   | 44     | 54     | 0.646     | -0.049    | 3.488 | 0.016     | 0.013     | 0         | 56.3 | 57.2 | 31.8 | 165        | 168        | 0          | 34     | 35     |
| 2009 | 6     | 7   | 16   | 54     | 54     | 0.623     | -0.066    | 3.488 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 41.7 | 164        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 17   | 4      | 54     | 0.679     | -0.016    | 3.488 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 40.4 | 164        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 7   | 17   | 14     | 54     | 0.709     | -0.007    | 3.488 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 35.7 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 17   | 24     | 54     | 0.656     | -0.02     | 3.488 | 0.01      | 0.007     | 0         | 55.9 | 56.8 | 36.5 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 17   | 34     | 54     | 0.636     | -0.023    | 3.488 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 29.7 | 164        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 7   | 17   | 44     | 54     | 0.65      | -0.043    | 3.488 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 34.8 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 17   | 54     | 54     | 0.627     | -0.059    | 3.488 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 37   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 18   | 4      | 54     | 0.696     | -0.026    | 3.488 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 37.8 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 18   | 14     | 54     | 0.696     | -0.059    | 3.488 | 0.01      | 0.007     | 0         | 55   | 56.3 | 38.7 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 18   | 24     | 54     | 0.617     | -0.049    | 3.488 | 0.016     | 0.016     | 0         | 55.5 | 56.8 | 33.5 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 18   | 34     | 54     | 0.656     | -0.043    | 3.488 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 34   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 18   | 44     | 54     | 0.679     | -0.046    | 3.488 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 34   | 164        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 18   | 54     | 54     | 0.689     | -0.033    | 3.488 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 29.2 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 19   | 4      | 54     | 0.676     | -0.023    | 3.488 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 29.2 | 163        | 166        | 0          | 34     | 36     |
| 2009 | 6     | 7   | 19   | 14     | 54     | 0.604     | -0.062    | 3.488 | 0.01      | 0.007     | 0         | 55   | 55.9 | 29.7 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 19   | 24     | 54     | 0.636     | -0.023    | 3.484 | 0.013     | 0.01      | 0         | 55   | 56.3 | 28.4 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 19   | 34     | 54     | 0.679     | -0.066    | 3.488 | 0.016     | 0.016     | 0         | 55   | 56.3 | 28.4 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 19   | 44     | 54     | 0.709     | -0.036    | 3.488 | 0.016     | 0.013     | 0         | 55   | 56.3 | 28.8 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 19   | 54     | 54     | 0.761     | -0.023    | 3.484 | 0.013     | 0.01      | 0         | 55   | 56.3 | 28.4 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 20   | 4      | 54     | 0.725     | -0.056    | 3.484 | 0.01      | 0.007     | 0         | 55   | 55.5 | 28.8 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 20   | 14     | 54     | 0.669     | -0.046    | 3.484 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 29.2 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 20   | 24     | 54     | 0.755     | -0.003    | 3.484 | 0.016     | 0.013     | 0         | 55   | 55.9 | 28.4 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 20   | 34     | 54     | 0.751     | 0.013     | 3.484 | 0.016     | 0.013     | 0         | 55   | 55.9 | 28.8 | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 7   | 20   | 44     | 54     | 0.689     | -0.033    | 3.484 | 0.013     | 0.01      | 0         | 55   | 55.9 | 29.7 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 20   | 54     | 54     | 0.755     | -0.02     | 3.484 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 29.7 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 21   | 4      | 54     | 0.719     | -0.039    | 3.484 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 29.7 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 21   | 14     | 54     | 0.758     | -0.043    | 3.484 | 0.016     | 0.016     | 0         | 54.6 | 55.9 | 29.7 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 21   | 24     | 54     | 0.699     | -0.052    | 3.484 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 29.2 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 21   | 34     | 54     | 0.725     | -0.02     | 3.484 | 0.01      | 0.007     | 0         | 54.2 | 55.9 | 29.2 | 162        | 165        | 0          | 36     | 35     |
| 2009 | 6     | 7   | 21   | 44     | 54     | 0.65      | -0.02     | 3.484 | 0.016     | 0.013     | 0         | 54.2 | 55   | 29.2 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 21   | 54     | 54     | 0.728     | -0.016    | 3.484 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 28.4 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 22   | 4      | 54     | 0.686     | -0.039    | 3.484 | 0.013     | 0.01      | 0         | 54.2 | 55   | 29.7 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 22   | 14     | 54     | 0.722     | -0.043    | 3.484 | 0.016     | 0.016     | 0         | 54.2 | 55.5 | 31   | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 22   | 24     | 54     | 0.722     | -0.016    | 3.484 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 29.7 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 22   | 34     | 54     | 0.725     | -0.052    | 3.484 | 0.016     | 0.016     | 0         | 54.2 | 55.5 | 28.8 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 22   | 44     | 54     | 0.705     | -0.052    | 3.484 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 28.8 | 159        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 7   | 22   | 54     | 54     | 0.725     | -0.049    | 3.484 | 0.016     | 0.013     | 0         | 53.8 | 55   | 28   | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 23   | 4      | 54     | 0.722     | -0.02     | 3.481 | 0.016     | 0.013     | 0         | 53.8 | 55   | 30.1 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 23   | 14     | 54     | 0.728     | -0.039    | 3.481 | 0.013     | 0.01      | 0         | 54.2 | 55   | 30.1 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 23   | 24     | 54     | 0.722     | -0.039    | 3.481 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 31   | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 23   | 34     | 54     | 0.738     | -0.03     | 3.481 | 0.013     | 0.01      | 0         | 54.2 | 55   | 29.2 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 23   | 44     | 54     | 0.784     | 0         | 3.481 | 0.016     | 0.013     | 0         | 54.2 | 55   | 29.7 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 23   | 54     | 54     | 0.735     | -0.049    | 3.481 | 0.01      | 0.007     | 0         | 54.2 | 55   | 28.8 | 161        | 164        | 0          | 35     | 36     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 8   | 0    | 4      | 54     | 0.778     | -0.03     | 3.481 | 0.013     | 0.01      | 0         | 54.2 | 55   | 29.7 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 0    | 14     | 54     | 0.741     | -0.016    | 3.481 | 0.016     | 0.013     | 0         | 53.8 | 55.5 | 29.7 | 161        | 164        | 0          | 36     | 35     |
| 2009 | 6     | 8   | 0    | 24     | 54     | 0.732     | -0.016    | 3.481 | 0.013     | 0.01      | 0         | 53.8 | 55.5 | 30.1 | 161        | 164        | 0          | 36     | 35     |
| 2009 | 6     | 8   | 0    | 34     | 54     | 0.725     | -0.02     | 3.481 | 0.016     | 0.016     | 0         | 54.2 | 55   | 28.8 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 0    | 44     | 54     | 0.751     | -0.02     | 3.478 | 0.01      | 0.007     | 0         | 54.2 | 55   | 28.8 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 0    | 54     | 54     | 0.778     | 0.023     | 3.478 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 28.4 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 1    | 4      | 54     | 0.719     | -0.016    | 3.478 | 0.01      | 0.007     | 0         | 54.2 | 55.5 | 28.8 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 1    | 14     | 54     | 0.781     | -0.033    | 3.478 | 0.013     | 0.01      | 0         | 54.2 | 55   | 30.1 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 1    | 24     | 54     | 0.715     | -0.049    | 3.478 | 0.013     | 0.01      | 0         | 54.2 | 55   | 29.2 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 1    | 34     | 54     | 0.751     | -0.046    | 3.478 | 0.016     | 0.013     | 0         | 54.2 | 55   | 28   | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 1    | 44     | 54     | 0.712     | -0.023    | 3.478 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 28.8 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 1    | 54     | 54     | 0.758     | -0.062    | 3.478 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 29.7 | 161        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 2    | 4      | 54     | 0.712     | -0.052    | 3.478 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 28.8 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 2    | 14     | 54     | 0.722     | -0.066    | 3.478 | 0.01      | 0.007     | 0         | 54.2 | 55   | 28.8 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 2    | 24     | 54     | 0.761     | -0.033    | 3.474 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 28.8 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 2    | 34     | 54     | 0.758     | -0.036    | 3.478 | 0.016     | 0.013     | 0         | 54.6 | 55   | 29.2 | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 2    | 44     | 54     | 0.728     | -0.049    | 3.474 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 28.4 | 161        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 8   | 2    | 54     | 54     | 0.728     | -0.013    | 3.474 | 0.016     | 0.013     | 0         | 53.8 | 55.5 | 28   | 161        | 164        | 0          | 36     | 35     |
| 2009 | 6     | 8   | 3    | 4      | 54     | 0.725     | -0.026    | 3.474 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 28.4 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 3    | 14     | 54     | 0.692     | -0.046    | 3.474 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 29.2 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 3    | 24     | 54     | 0.745     | -0.026    | 3.474 | 0.01      | 0.007     | 0         | 53.8 | 55.5 | 28.8 | 161        | 164        | 0          | 36     | 35     |
| 2009 | 6     | 8   | 3    | 34     | 54     | 0.699     | -0.049    | 3.474 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 28.4 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 3    | 44     | 54     | 0.712     | -0.059    | 3.474 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 28.4 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 3    | 54     | 54     | 0.689     | -0.049    | 3.474 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 29.2 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 4    | 4      | 54     | 0.653     | -0.03     | 3.474 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 29.2 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 4    | 14     | 54     | 0.696     | -0.033    | 3.471 | 0.016     | 0.013     | 0         | 54.6 | 55   | 29.2 | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 4    | 24     | 54     | 0.758     | -0.039    | 3.471 | 0.013     | 0.01      | 0         | 54.6 | 55   | 27.5 | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 4    | 34     | 54     | 0.741     | -0.056    | 3.471 | 0.016     | 0.013     | 0         | 54.6 | 55   | 28   | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 4    | 44     | 54     | 0.663     | -0.062    | 3.471 | 0.013     | 0.01      | 0         | 54.6 | 55   | 29.2 | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 4    | 54     | 54     | 0.669     | -0.066    | 3.471 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 28   | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 5    | 4      | 54     | 0.679     | -0.033    | 3.471 | 0.016     | 0.013     | 0         | 54.6 | 55   | 28   | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 5    | 14     | 54     | 0.676     | -0.023    | 3.471 | 0.013     | 0.01      | 0         | 54.2 | 55   | 28   | 162        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 8   | 5    | 24     | 54     | 0.705     | -0.046    | 3.471 | 0.016     | 0.013     | 0         | 54.2 | 55   | 28.8 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 5    | 34     | 54     | 0.755     | -0.023    | 3.471 | 0.01      | 0.007     | 0         | 54.2 | 55   | 29.2 | 162        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 8   | 5    | 44     | 54     | 0.686     | -0.079    | 3.471 | 0.016     | 0.016     | 0         | 54.2 | 55.9 | 28.4 | 162        | 165        | 0          | 36     | 35     |
| 2009 | 6     | 8   | 5    | 54     | 54     | 0.725     | -0.033    | 3.468 | 0.016     | 0.013     | 0         | 54.6 | 55   | 28.8 | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 6    | 4      | 54     | 0.738     | -0.062    | 3.468 | 0.016     | 0.013     | 0         | 54.2 | 55   | 29.2 | 162        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 8   | 6    | 14     | 54     | 0.682     | -0.039    | 3.468 | 0.01      | 0.007     | 0         | 54.2 | 55.9 | 28   | 162        | 165        | 0          | 36     | 35     |
| 2009 | 6     | 8   | 6    | 24     | 54     | 0.682     | -0.079    | 3.468 | 0.01      | 0.007     | 0         | 54.6 | 55   | 29.2 | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 6    | 34     | 54     | 0.722     | -0.059    | 3.468 | 0.016     | 0.013     | 0         | 54.2 | 55.9 | 28.8 | 162        | 165        | 0          | 36     | 35     |
| 2009 | 6     | 8   | 6    | 44     | 54     | 0.705     | -0.03     | 3.468 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 28   | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 6    | 54     | 54     | 0.689     | -0.046    | 3.468 | 0.016     | 0.013     | 0         | 53.8 | 55   | 28.4 | 161        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 8   | 7    | 4      | 54     | 0.63      | -0.069    | 3.468 | 0.013     | 0.01      | 0         | 54.6 | 55   | 28.4 | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 7    | 14     | 54     | 0.659     | -0.033    | 3.468 | 0.016     | 0.013     | 0         | 54.2 | 55   | 28.4 | 162        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 8   | 7    | 24     | 54     | 0.689     | -0.039    | 3.468 | 0.016     | 0.013     | 0         | 54.6 | 55   | 29.2 | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 7    | 34     | 54     | 0.659     | -0.059    | 3.468 | 0.016     | 0.013     | 0         | 54.2 | 55   | 29.2 | 162        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 8   | 7    | 44     | 54     | 0.702     | -0.036    | 3.468 | 0.013     | 0.01      | 0         | 53.8 | 55   | 28.8 | 161        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 8   | 7    | 54     | 54     | 0.699     | -0.03     | 3.468 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 29.7 | 161        | 164        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 8   | 8    | 4      | 54     | 0.656     | -0.033    | 3.468 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 28.8 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 8    | 14     | 54     | 0.722     | -0.023    | 3.468 | 0.013     | 0.01      | 0         | 54.6 | 55   | 30.1 | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 8    | 24     | 54     | 0.653     | -0.026    | 3.468 | 0.013     | 0.01      | 0         | 54.6 | 55   | 28.8 | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 8    | 34     | 54     | 0.738     | -0.03     | 3.465 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 29.7 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 8    | 44     | 54     | 0.673     | -0.039    | 3.465 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 28   | 163        | 165        | 0          | 36     | 35     |
| 2009 | 6     | 8   | 8    | 54     | 54     | 0.709     | -0.013    | 3.465 | 0.013     | 0.01      | 0         | 55   | 55.9 | 29.7 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 9    | 4      | 54     | 0.676     | -0.066    | 3.465 | 0.016     | 0.013     | 0         | 55   | 55.5 | 28   | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 9    | 14     | 54     | 0.699     | -0.03     | 3.465 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 29.7 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 9    | 24     | 54     | 0.758     | -0.013    | 3.465 | 0.016     | 0.013     | 0         | 54.6 | 55   | 28.8 | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 9    | 34     | 54     | 0.692     | -0.026    | 3.465 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 28.8 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 9    | 44     | 54     | 0.679     | -0.059    | 3.461 | 0.013     | 0.01      | 0         | 54.2 | 55   | 28.8 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 9    | 54     | 54     | 0.692     | -0.01     | 3.461 | 0.013     | 0.01      | 0         | 55   | 55.9 | 28.8 | 164        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 8   | 10   | 4      | 54     | 0.666     | -0.049    | 3.461 | 0.016     | 0.013     | 0         | 55   | 55.5 | 28.4 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 10   | 14     | 54     | 0.656     | -0.03     | 3.461 | 0.016     | 0.016     | 0         | 54.6 | 55.9 | 29.2 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 10   | 24     | 54     | 0.627     | -0.052    | 3.458 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 28.4 | 163        | 165        | 0          | 36     | 35     |
| 2009 | 6     | 8   | 10   | 34     | 54     | 0.669     | -0.036    | 3.458 | 0.013     | 0.01      | 0         | 54.2 | 55   | 29.7 | 162        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 8   | 10   | 44     | 54     | 0.686     | -0.036    | 3.458 | 0.016     | 0.016     | 0         | 54.2 | 55   | 28   | 162        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 8   | 10   | 54     | 54     | 0.679     | -0.02     | 3.458 | 0.016     | 0.013     | 0         | 55   | 55.9 | 36.5 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 11   | 4      | 54     | 0.679     | -0.049    | 3.455 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 33.5 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 11   | 14     | 54     | 0.636     | -0.043    | 3.455 | 0.016     | 0.013     | 0         | 55   | 55.5 | 31.4 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 11   | 24     | 54     | 0.676     | -0.052    | 3.451 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 29.2 | 163        | 165        | 0          | 36     | 35     |
| 2009 | 6     | 8   | 11   | 34     | 54     | 0.699     | -0.049    | 3.448 | 0.016     | 0.013     | 0         | 55   | 55.5 | 31.4 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 11   | 44     | 54     | 0.653     | -0.03     | 3.448 | 0.013     | 0.01      | 0         | 55   | 55.9 | 30.5 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 11   | 54     | 54     | 0.656     | -0.039    | 3.448 | 0.016     | 0.013     | 0         | 55   | 55.9 | 28   | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 12   | 4      | 54     | 0.676     | -0.046    | 3.445 | 0.013     | 0.01      | 0         | 55   | 55.5 | 30.1 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 12   | 14     | 54     | 0.633     | -0.072    | 3.445 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 28   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 12   | 24     | 54     | 0.686     | -0.03     | 3.445 | 0.016     | 0.013     | 0         | 55   | 56.3 | 27.1 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 12   | 34     | 54     | 0.636     | -0.026    | 3.448 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 38.3 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 12   | 44     | 54     | 0.614     | -0.056    | 3.448 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 35.7 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 12   | 54     | 54     | 0.666     | -0.01     | 3.451 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 43   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 13   | 4      | 54     | 0.686     | -0.016    | 3.445 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 34.4 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 13   | 14     | 54     | 0.62      | -0.013    | 3.445 | 0.013     | 0.01      | 0         | 55   | 56.3 | 35.7 | 164        | 166        | 0          | 36     | 35     |
| 2009 | 6     | 8   | 13   | 24     | 54     | 0.63      | 0         | 3.445 | 0.013     | 0.01      | 0         | 55   | 55.9 | 35.3 | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 13   | 34     | 54     | 0.646     | -0.069    | 3.448 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 42.6 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 13   | 44     | 54     | 0.594     | -0.046    | 3.445 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 30.5 | 165        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 13   | 54     | 54     | 0.627     | -0.059    | 3.445 | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 38.3 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 14   | 4      | 54     | 0.61      | -0.033    | 3.448 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 44.7 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 14   | 14     | 54     | 0.643     | -0.033    | 3.448 | 0.016     | 0.016     | 0         | 55.5 | 56.8 | 43   | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 14   | 24     | 54     | 0.63      | -0.062    | 3.448 | 0.01      | 0.007     | 0         | 55.5 | 56.8 | 49.5 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 14   | 34     | 54     | 0.656     | -0.066    | 3.448 | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 45.2 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 14   | 44     | 54     | 0.643     | -0.046    | 3.445 | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 44.3 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 14   | 54     | 54     | 0.709     | -0.046    | 3.445 | 0.013     | 0.01      | 0         | 56.3 | 56.8 | 47.3 | 165        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 8   | 15   | 4      | 54     | 0.659     | -0.023    | 3.448 | 0.01      | 0.007     | 0         | 55.9 | 56.8 | 49   | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 15   | 14     | 54     | 0.633     | -0.016    | 3.445 | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 44.3 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 15   | 24     | 54     | 0.705     | -0.059    | 3.445 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 47.3 | 165        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 15   | 34     | 54     | 0.568     | -0.069    | 3.445 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 46   | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 15   | 44     | 54     | 0.682     | -0.059    | 3.445 | 0.016     | 0.013     | 0         | 55.9 | 57.2 | 47.3 | 165        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 15   | 54     | 54     | 0.715     | -0.049    | 3.445 | 0.01      | 0.007     | 0         | 55.9 | 56.8 | 44.7 | 165        | 167        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 8   | 16   | 4      | 54     | 0.627     | -0.033    | 3.445 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 50.3 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 16   | 14     | 54     | 0.676     | -0.033    | 3.442 | 0.02      | 0.016     | 0         | 55.5 | 57.2 | 42.1 | 164        | 167        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 16   | 24     | 54     | 0.614     | -0.046    | 3.442 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 47.3 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 16   | 34     | 54     | 0.673     | -0.003    | 3.442 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 44.7 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 16   | 44     | 54     | 0.646     | -0.052    | 3.442 | 0.02      | 0.016     | 0         | 55.5 | 56.3 | 45.6 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 16   | 54     | 54     | 0.64      | -0.036    | 3.442 | 0.016     | 0.016     | 0         | 55.9 | 56.3 | 45.2 | 164        | 167        | 0          | 34     | 36     |
| 2009 | 6     | 8   | 17   | 4      | 54     | 0.705     | -0.033    | 3.442 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 45.6 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 17   | 14     | 54     | 0.604     | -0.056    | 3.435 | 0.013     | 0.01      | 0         | 55   | 56.3 | 43.9 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 17   | 24     | 54     | 0.669     | -0.013    | 3.442 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 48.2 | 163        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 8   | 17   | 34     | 54     | 0.656     | -0.003    | 3.438 | 0.016     | 0.013     | 0         | 55   | 56.3 | 42.6 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 17   | 44     | 54     | 0.656     | -0.036    | 3.435 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 41.7 | 163        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 8   | 17   | 54     | 54     | 0.689     | -0.026    | 3.435 | 0.01      | 0.007     | 0         | 55   | 56.3 | 41.7 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 18   | 4      | 54     | 0.689     | -0.003    | 3.435 | 0.016     | 0.013     | 0         | 55   | 56.8 | 43.9 | 163        | 166        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 18   | 14     | 54     | 0.692     | -0.013    | 3.435 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 37   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 18   | 24     | 54     | 0.65      | -0.039    | 3.432 | 0.013     | 0.01      | 0         | 55   | 56.3 | 37.4 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 18   | 34     | 54     | 0.653     | -0.007    | 3.432 | 0.01      | 0.007     | 0         | 55   | 55.9 | 30.1 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 18   | 44     | 54     | 0.689     | -0.016    | 3.432 | 0.013     | 0.01      | 0         | 55   | 55.9 | 40   | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 18   | 54     | 54     | 0.663     | -0.016    | 3.425 | 0.016     | 0.013     | 0         | 55   | 55.9 | 31.4 | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 19   | 4      | 54     | 0.682     | -0.013    | 3.425 | 0.013     | 0.01      | 0         | 55   | 56.3 | 28.4 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 19   | 14     | 54     | 0.702     | -0.016    | 3.425 | 0.013     | 0.01      | 0         | 55   | 56.3 | 28.4 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 19   | 24     | 54     | 0.715     | -0.013    | 3.428 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 28.8 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 19   | 34     | 54     | 0.725     | -0.033    | 3.425 | 0.016     | 0.013     | 0         | 55   | 55.9 | 34   | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 19   | 44     | 54     | 0.705     | -0.043    | 3.428 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 42.1 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 19   | 54     | 54     | 0.653     | -0.033    | 3.425 | 0.013     | 0.01      | 0         | 57.2 | 58   | 28   | 168        | 170        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 20   | 4      | 54     | 0.702     | -0.056    | 3.428 | 0.013     | 0.01      | 0         | 56.8 | 57.6 | 27.1 | 167        | 169        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 20   | 14     | 54     | 0.686     | -0.049    | 3.425 | 0.013     | 0.01      | 0         | 56.3 | 57.2 | 28.4 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 20   | 24     | 54     | 0.699     | -0.049    | 3.425 | 0.016     | 0.016     | 0         | 55.9 | 57.2 | 28.8 | 165        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 20   | 34     | 54     | 0.653     | -0.033    | 3.425 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 28.4 | 165        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 20   | 44     | 54     | 0.699     | -0.013    | 3.425 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 28.4 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 20   | 54     | 54     | 0.679     | -0.049    | 3.425 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 29.7 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 21   | 4      | 54     | 0.699     | -0.043    | 3.425 | 0.01      | 0.007     | 0         | 55   | 56.3 | 28.4 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 21   | 14     | 54     | 0.728     | -0.03     | 3.425 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 30.1 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 21   | 24     | 54     | 0.682     | -0.049    | 3.425 | 0.016     | 0.013     | 0         | 55   | 56.3 | 28.8 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 21   | 34     | 54     | 0.735     | -0.072    | 3.425 | 0.016     | 0.016     | 0         | 54.6 | 55.9 | 29.7 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 21   | 44     | 54     | 0.705     | -0.049    | 3.425 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 29.2 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 21   | 54     | 54     | 0.696     | -0.052    | 3.422 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 28.8 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 22   | 4      | 54     | 0.702     | -0.056    | 3.422 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 28.8 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 22   | 14     | 54     | 0.686     | -0.062    | 3.422 | 0.013     | 0.01      | 0         | 54.2 | 55   | 28.4 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 22   | 24     | 54     | 0.686     | -0.046    | 3.422 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 28   | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 22   | 34     | 54     | 0.679     | -0.013    | 3.422 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 28   | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 22   | 44     | 54     | 0.696     | -0.052    | 3.422 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 28   | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 22   | 54     | 54     | 0.719     | -0.049    | 3.422 | 0.01      | 0.007     | 0         | 54.2 | 55.5 | 27.5 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 23   | 4      | 54     | 0.722     | -0.085    | 3.419 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 28   | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 23   | 14     | 54     | 0.659     | -0.069    | 3.419 | 0.013     | 0.01      | 0         | 54.2 | 55   | 28.8 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 23   | 24     | 54     | 0.692     | -0.039    | 3.419 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 28   | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 23   | 34     | 54     | 0.741     | -0.039    | 3.419 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 27.5 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 23   | 44     | 54     | 0.692     | -0.059    | 3.419 | 0.01      | 0.007     | 0         | 54.2 | 55.5 | 27.5 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 23   | 54     | 54     | 0.719     | -0.039    | 3.419 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 28   | 161        | 164        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 9   | 0    | 4      | 54     | 0.715     | -0.052    | 3.419 | 0.016     | 0.013     | 0         | 54.2 | 55   | 28   | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 0    | 14     | 54     | 0.676     | -0.039    | 3.419 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 27.5 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 0    | 24     | 54     | 0.728     | -0.033    | 3.415 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 28   | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 0    | 34     | 54     | 0.755     | -0.02     | 3.419 | 0.016     | 0.013     | 0         | 54.6 | 55   | 28   | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 9   | 0    | 44     | 54     | 0.771     | -0.039    | 3.419 | 0.01      | 0.007     | 0         | 54.2 | 55   | 28.4 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 0    | 54     | 54     | 0.663     | -0.079    | 3.419 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 28.4 | 161        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 9   | 1    | 4      | 54     | 0.732     | -0.01     | 3.419 | 0.016     | 0.013     | 0         | 54.2 | 55   | 28   | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 1    | 14     | 54     | 0.705     | -0.01     | 3.419 | 0.013     | 0.01      | 0         | 54.2 | 55   | 27.5 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 1    | 24     | 54     | 0.669     | -0.089    | 3.419 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 27.5 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 1    | 34     | 54     | 0.653     | -0.049    | 3.419 | 0.01      | 0.007     | 0         | 54.2 | 55   | 27.5 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 1    | 44     | 54     | 0.705     | -0.033    | 3.419 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 28   | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 1    | 54     | 54     | 0.686     | -0.046    | 3.419 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 27.1 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 2    | 4      | 54     | 0.689     | -0.056    | 3.419 | 0.016     | 0.016     | 0         | 54.2 | 55.5 | 27.1 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 2    | 14     | 54     | 0.715     | -0.01     | 3.419 | 0.01      | 0.007     | 0         | 54.6 | 55   | 27.5 | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 9   | 2    | 24     | 54     | 0.656     | -0.016    | 3.419 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 27.5 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 2    | 34     | 54     | 0.692     | -0.049    | 3.419 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 27.5 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 2    | 44     | 54     | 0.719     | -0.026    | 3.419 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 28   | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 2    | 54     | 54     | 0.748     | -0.02     | 3.419 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 26.7 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 3    | 4      | 54     | 0.653     | -0.023    | 3.419 | 0.013     | 0.01      | 0         | 55   | 55.5 | 28   | 162        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 9   | 3    | 14     | 54     | 0.715     | -0.052    | 3.419 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 27.5 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 3    | 24     | 54     | 0.676     | -0.043    | 3.419 | 0.016     | 0.013     | 0         | 54.6 | 55   | 27.1 | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 9   | 3    | 34     | 54     | 0.712     | -0.033    | 3.419 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 28.8 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 3    | 44     | 54     | 0.709     | -0.043    | 3.422 | 0.016     | 0.016     | 0         | 54.6 | 55   | 28   | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 9   | 3    | 54     | 54     | 0.751     | 0.007     | 3.422 | 0.016     | 0.013     | 0         | 54.6 | 55   | 28   | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 9   | 4    | 4      | 54     | 0.679     | -0.039    | 3.422 | 0.016     | 0.013     | 0         | 55   | 55.9 | 27.5 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 4    | 14     | 54     | 0.699     | 0         | 3.422 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 27.5 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 4    | 24     | 54     | 0.666     | -0.007    | 3.422 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 28   | 162        | 164        | 0          | 36     | 35     |
| 2009 | 6     | 9   | 4    | 34     | 54     | 0.666     | -0.049    | 3.422 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 28   | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 4    | 44     | 54     | 0.705     | -0.03     | 3.422 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 27.5 | 163        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 9   | 4    | 54     | 54     | 0.722     | -0.023    | 3.422 | 0.013     | 0.01      | 0         | 55   | 55.9 | 27.5 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 5    | 4      | 54     | 0.702     | -0.036    | 3.422 | 0.016     | 0.016     | 0         | 55   | 55.9 | 27.5 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 5    | 14     | 54     | 0.692     | -0.033    | 3.422 | 0.013     | 0.01      | 0         | 54.6 | 56.3 | 27.5 | 163        | 166        | 0          | 36     | 35     |
| 2009 | 6     | 9   | 5    | 24     | 54     | 0.65      | -0.062    | 3.422 | 0.016     | 0.013     | 0         | 55   | 55.9 | 27.1 | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 9   | 5    | 34     | 54     | 0.646     | -0.016    | 3.425 | 0.016     | 0.013     | 0         | 55   | 56.3 | 27.1 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 5    | 44     | 54     | 0.679     | -0.033    | 3.422 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 26.7 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 5    | 54     | 54     | 0.63      | -0.036    | 3.425 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 26.2 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 9   | 6    | 4      | 54     | 0.728     | -0.023    | 3.422 | 0.016     | 0.016     | 0         | 55   | 55.9 | 27.1 | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 9   | 6    | 14     | 54     | 0.689     | -0.046    | 3.422 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 27.5 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 9   | 6    | 24     | 54     | 0.65      | -0.049    | 3.422 | 0.013     | 0.01      | 0         | 54.6 | 56.3 | 28.4 | 163        | 166        | 0          | 36     | 35     |
| 2009 | 6     | 9   | 6    | 34     | 54     | 0.669     | -0.016    | 3.422 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 27.5 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 6    | 44     | 54     | 0.712     | -0.033    | 3.425 | 0.01      | 0.007     | 0         | 55   | 55.9 | 27.1 | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 9   | 6    | 54     | 54     | 0.712     | -0.049    | 3.425 | 0.013     | 0.01      | 0         | 55   | 55.9 | 27.1 | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 9   | 7    | 4      | 54     | 0.705     | -0.056    | 3.425 | 0.013     | 0.01      | 0         | 55   | 55.9 | 27.5 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 7    | 14     | 54     | 0.65      | -0.016    | 3.425 | 0.016     | 0.013     | 0         | 55   | 56.3 | 28   | 164        | 166        | 0          | 36     | 35     |
| 2009 | 6     | 9   | 7    | 24     | 54     | 0.682     | -0.049    | 3.425 | 0.013     | 0.01      | 0         | 55   | 56.3 | 27.5 | 164        | 166        | 0          | 36     | 35     |
| 2009 | 6     | 9   | 7    | 34     | 54     | 0.702     | -0.069    | 3.425 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 27.1 | 164        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 9   | 7    | 44     | 54     | 0.669     | -0.036    | 3.425 | 0.013     | 0.01      | 0         | 55   | 55.9 | 28   | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 9   | 7    | 54     | 54     | 0.715     | -0.013    | 3.425 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 27.5 | 164        | 166        | 0          | 35     | 35     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 9   | 8    | 4      | 54     | 0.696     | -0.036    | 3.425 | 0.013     | 0.01      | 0         | 55   | 55.9 | 28   | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 9   | 8    | 14     | 54     | 0.636     | -0.059    | 3.425 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 28   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 8    | 24     | 54     | 0.653     | -0.069    | 3.425 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 27.5 | 163        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 9   | 8    | 34     | 54     | 0.656     | -0.046    | 3.425 | 0.013     | 0.01      | 0         | 55   | 55.9 | 28   | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 8    | 44     | 54     | 0.623     | -0.049    | 3.422 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 28.4 | 163        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 9   | 8    | 54     | 54     | 0.689     | -0.072    | 3.422 | 0.013     | 0.01      | 0         | 55   | 56.3 | 27.5 | 164        | 166        | 0          | 36     | 35     |
| 2009 | 6     | 9   | 9    | 4      | 54     | 0.679     | -0.046    | 3.422 | 0.016     | 0.013     | 0         | 55   | 55.9 | 26.2 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 9    | 14     | 54     | 0.61      | -0.069    | 3.422 | 0.013     | 0.01      | 0         | 55   | 55.9 | 27.1 | 164        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 9   | 9    | 24     | 54     | 0.623     | -0.033    | 3.422 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 27.5 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 9   | 9    | 34     | 54     | 0.696     | -0.007    | 3.422 | 0.013     | 0.01      | 0         | 55   | 55.9 | 28   | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 9    | 44     | 54     | 0.577     | -0.052    | 3.422 | 0.013     | 0.01      | 0         | 55   | 55.9 | 33.5 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 9    | 54     | 54     | 0.633     | -0.01     | 3.419 | 0.013     | 0.01      | 0         | 55   | 56.3 | 30.1 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 10   | 4      | 54     | 0.643     | -0.043    | 3.415 | 0.013     | 0.01      | 0         | 55   | 55.9 | 27.5 | 164        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 9   | 10   | 14     | 54     | 0.686     | -0.033    | 3.415 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 26.7 | 164        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 9   | 10   | 24     | 54     | 0.623     | -0.007    | 3.415 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 28.4 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 10   | 34     | 54     | 0.669     | -0.033    | 3.415 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 27.5 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 9   | 10   | 44     | 54     | 0.65      | -0.049    | 3.415 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 34.4 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 10   | 54     | 54     | 0.689     | -0.062    | 3.412 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 27.1 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 11   | 4      | 54     | 0.607     | -0.046    | 3.412 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 28   | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 9   | 11   | 14     | 54     | 0.62      | -0.049    | 3.412 | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 30.1 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 11   | 24     | 54     | 0.656     | -0.043    | 3.412 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 27.5 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 11   | 34     | 54     | 0.636     | -0.059    | 3.412 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 35.7 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 11   | 44     | 54     | 0.636     | -0.023    | 3.412 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 30.1 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 11   | 54     | 54     | 0.61      | -0.049    | 3.412 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 36.1 | 165        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 9   | 12   | 4      | 54     | 0.653     | -0.023    | 3.415 | 0.016     | 0.013     | 0         | 55.9 | 57.2 | 41.3 | 165        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 12   | 14     | 54     | 0.653     | -0.039    | 3.412 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 31   | 164        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 9   | 12   | 24     | 54     | 0.64      | -0.016    | 3.412 | 0.013     | 0.01      | 0         | 56.3 | 57.2 | 41.7 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 12   | 34     | 54     | 0.656     | -0.049    | 3.412 | 0.016     | 0.013     | 0         | 56.3 | 57.2 | 43   | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 12   | 44     | 54     | 0.627     | 0         | 3.412 | 0.016     | 0.013     | 0         | 56.3 | 57.2 | 29.7 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 12   | 54     | 54     | 0.633     | -0.069    | 3.412 | 0.013     | 0.01      | 0         | 56.8 | 57.2 | 37.4 | 166        | 168        | 0          | 34     | 35     |
| 2009 | 6     | 9   | 13   | 4      | 54     | 0.627     | -0.059    | 3.415 | 0.016     | 0.016     | 0         | 56.3 | 57.2 | 47.3 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 13   | 14     | 54     | 0.643     | -0.056    | 3.415 | 0.013     | 0.01      | 0         | 56.3 | 57.2 | 45.6 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 13   | 24     | 54     | 0.663     | -0.056    | 3.412 | 0.013     | 0.01      | 0         | 56.3 | 57.2 | 38.7 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 13   | 34     | 54     | 0.663     | -0.033    | 3.412 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 39.6 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 13   | 44     | 54     | 0.669     | -0.046    | 3.419 | 0.013     | 0.01      | 0         | 56.3 | 57.2 | 50.7 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 13   | 54     | 54     | 0.663     | -0.033    | 3.415 | 0.016     | 0.016     | 0         | 56.8 | 58   | 46   | 168        | 170        | 0          | 36     | 35     |
| 2009 | 6     | 9   | 14   | 4      | 54     | 0.679     | -0.03     | 3.419 | 0.016     | 0.013     | 0         | 57.2 | 58.5 | 45.6 | 169        | 171        | 0          | 36     | 35     |
| 2009 | 6     | 9   | 14   | 14     | 54     | 0.633     | -0.026    | 3.419 | 0.016     | 0.013     | 0         | 57.6 | 58.9 | 47.3 | 169        | 172        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 14   | 24     | 54     | 0.65      | -0.049    | 3.415 | 0.016     | 0.013     | 0         | 57.6 | 58.5 | 43   | 169        | 171        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 14   | 34     | 54     | 0.653     | -0.016    | 3.415 | 0.016     | 0.013     | 0         | 57.6 | 58.5 | 46   | 169        | 171        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 14   | 44     | 54     | 0.636     | -0.013    | 3.415 | 0.016     | 0.016     | 0         | 57.6 | 58.5 | 45.2 | 169        | 171        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 14   | 54     | 54     | 0.679     | -0.02     | 3.412 | 0.01      | 0.007     | 0         | 58   | 58.5 | 44.7 | 169        | 171        | 0          | 34     | 35     |
| 2009 | 6     | 9   | 15   | 4      | 54     | 0.636     | -0.069    | 3.415 | 0.016     | 0.013     | 0         | 57.2 | 58   | 45.6 | 168        | 170        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 15   | 14     | 54     | 0.61      | -0.033    | 3.412 | 0.013     | 0.01      | 0         | 57.2 | 58   | 45.2 | 168        | 170        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 15   | 24     | 54     | 0.702     | -0.046    | 3.415 | 0.013     | 0.01      | 0         | 56.8 | 57.6 | 46.9 | 167        | 169        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 15   | 34     | 54     | 0.633     | -0.043    | 3.415 | 0.016     | 0.016     | 0         | 57.2 | 58   | 43.9 | 167        | 170        | 0          | 34     | 35     |
| 2009 | 6     | 9   | 15   | 44     | 54     | 0.617     | 0         | 3.415 | 0.013     | 0.01      | 0         | 56.8 | 57.6 | 47.3 | 167        | 169        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 15   | 54     | 54     | 0.636     | -0.03     | 3.415 | 0.016     | 0.013     | 0         | 56.8 | 57.6 | 47.7 | 167        | 169        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 9   | 16   | 4      | 54     | 0.653     | -0.03     | 3.415 | 0.016     | 0.016     | 0         | 56.8 | 57.6 | 46.9 | 167        | 169        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 16   | 14     | 54     | 0.696     | -0.003    | 3.415 | 0.016     | 0.013     | 0         | 56.3 | 57.6 | 42.1 | 166        | 169        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 16   | 24     | 54     | 0.617     | -0.03     | 3.415 | 0.016     | 0.016     | 0         | 57.2 | 57.6 | 46   | 167        | 169        | 0          | 34     | 35     |
| 2009 | 6     | 9   | 16   | 34     | 54     | 0.633     | -0.023    | 3.412 | 0.013     | 0.01      | 0         | 56.3 | 57.6 | 44.3 | 166        | 169        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 16   | 44     | 54     | 0.633     | -0.016    | 3.412 | 0.016     | 0.013     | 0         | 56.3 | 57.2 | 33.5 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 16   | 54     | 54     | 0.643     | -0.013    | 3.412 | 0.016     | 0.013     | 0         | 56.3 | 57.2 | 33.1 | 165        | 168        | 0          | 34     | 35     |
| 2009 | 6     | 9   | 17   | 4      | 54     | 0.653     | -0.01     | 3.412 | 0.016     | 0.013     | 0         | 56.8 | 57.2 | 45.2 | 166        | 168        | 0          | 34     | 35     |
| 2009 | 6     | 9   | 17   | 14     | 54     | 0.712     | 0         | 3.412 | 0.013     | 0.01      | 0         | 56.3 | 57.6 | 41.3 | 166        | 168        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 17   | 24     | 54     | 0.633     | -0.026    | 3.412 | 0.013     | 0.01      | 0         | 55.5 | 57.2 | 34.8 | 165        | 168        | 0          | 36     | 35     |
| 2009 | 6     | 9   | 17   | 34     | 54     | 0.6       | -0.033    | 3.412 | 0.016     | 0.013     | 0         | 55.9 | 57.2 | 34   | 165        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 17   | 44     | 54     | 0.686     | -0.059    | 3.412 | 0.013     | 0.01      | 0         | 56.3 | 57.2 | 30.5 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 17   | 54     | 54     | 0.627     | -0.023    | 3.409 | 0.016     | 0.016     | 0         | 56.8 | 57.2 | 28   | 166        | 168        | 0          | 34     | 35     |
| 2009 | 6     | 9   | 18   | 4      | 54     | 0.659     | -0.052    | 3.412 | 0.016     | 0.013     | 0         | 55.9 | 57.2 | 30.1 | 165        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 18   | 14     | 54     | 0.6       | -0.02     | 3.412 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 30.5 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 18   | 24     | 54     | 0.673     | 0         | 3.412 | 0.01      | 0.007     | 0         | 56.3 | 56.8 | 29.7 | 165        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 9   | 18   | 34     | 54     | 0.61      | -0.046    | 3.412 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 28   | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 18   | 44     | 54     | 0.61      | 0.007     | 3.409 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 28.8 | 164        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 9   | 18   | 54     | 54     | 0.666     | -0.023    | 3.409 | 0.01      | 0.007     | 0         | 55.5 | 56.8 | 29.2 | 164        | 166        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 19   | 4      | 54     | 0.666     | -0.033    | 3.409 | 0.013     | 0.01      | 0         | 56.3 | 56.8 | 30.1 | 165        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 9   | 19   | 14     | 54     | 0.643     | -0.033    | 3.409 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 29.7 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 19   | 24     | 54     | 0.653     | -0.046    | 3.409 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 30.1 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 19   | 34     | 54     | 0.64      | -0.075    | 3.412 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 30.1 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 19   | 44     | 54     | 0.686     | -0.066    | 3.409 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 29.7 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 19   | 54     | 54     | 0.659     | -0.069    | 3.409 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 29.7 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 20   | 4      | 54     | 0.705     | -0.052    | 3.409 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 29.2 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 20   | 14     | 54     | 0.732     | -0.023    | 3.409 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 28.8 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 20   | 24     | 54     | 0.689     | -0.036    | 3.412 | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 29.7 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 20   | 34     | 54     | 0.679     | -0.043    | 3.409 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 29.7 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 9   | 20   | 44     | 54     | 0.666     | -0.03     | 3.409 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 30.1 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 20   | 54     | 54     | 0.699     | -0.013    | 3.409 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 29.7 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 21   | 4      | 54     | 0.659     | -0.069    | 3.409 | 0.016     | 0.013     | 0         | 55   | 55.9 | 29.2 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 21   | 14     | 54     | 0.738     | -0.016    | 3.409 | 0.016     | 0.013     | 0         | 55   | 56.3 | 29.7 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 21   | 24     | 54     | 0.656     | -0.049    | 3.409 | 0.01      | 0.007     | 0         | 55   | 56.3 | 30.1 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 21   | 34     | 54     | 0.728     | -0.049    | 3.409 | 0.013     | 0.01      | 0         | 55   | 55.9 | 29.2 | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 9   | 21   | 44     | 54     | 0.715     | -0.033    | 3.409 | 0.016     | 0.013     | 0         | 55   | 55.9 | 29.7 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 21   | 54     | 54     | 0.666     | -0.033    | 3.409 | 0.01      | 0.007     | 0         | 55   | 55.9 | 29.7 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 22   | 4      | 54     | 0.745     | -0.043    | 3.409 | 0.02      | 0.016     | 0         | 54.6 | 55.9 | 30.1 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 22   | 14     | 54     | 0.679     | -0.023    | 3.409 | 0.013     | 0.01      | 0         | 55   | 55.9 | 29.7 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 22   | 24     | 54     | 0.699     | -0.023    | 3.409 | 0.013     | 0.01      | 0         | 55   | 55.9 | 30.1 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 22   | 34     | 54     | 0.686     | -0.033    | 3.409 | 0.016     | 0.013     | 0         | 55   | 56.3 | 28.8 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 22   | 44     | 54     | 0.696     | -0.052    | 3.409 | 0.013     | 0.01      | 0         | 55   | 55.9 | 29.7 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 22   | 54     | 54     | 0.712     | -0.039    | 3.409 | 0.016     | 0.013     | 0         | 55   | 55.9 | 29.7 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 23   | 4      | 54     | 0.659     | -0.03     | 3.409 | 0.016     | 0.013     | 0         | 55   | 55.9 | 28.8 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 23   | 14     | 54     | 0.715     | 0.01      | 3.409 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 29.7 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 23   | 24     | 54     | 0.682     | -0.026    | 3.409 | 0.016     | 0.013     | 0         | 54.6 | 55   | 29.2 | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 9   | 23   | 34     | 54     | 0.719     | -0.03     | 3.409 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 29.2 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 9   | 23   | 44     | 54     | 0.696     | -0.016    | 3.409 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 28.8 | 163        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 9   | 23   | 54     | 54     | 0.666     | -0.033    | 3.409 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 28.8 | 163        | 166        | 0          | 34     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 10  | 0    | 4      | 54     | 0.725     | -0.023    | 3.409 | 0.013     | 0.01      | 0         | 55   | 55.9 | 29.2 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 0    | 14     | 54     | 0.705     | -0.033    | 3.409 | 0.013     | 0.01      | 0         | 55   | 55.9 | 28.8 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 0    | 24     | 54     | 0.686     | -0.033    | 3.409 | 0.01      | 0.007     | 0         | 55   | 56.3 | 29.7 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 0    | 34     | 54     | 0.682     | -0.033    | 3.409 | 0.013     | 0.01      | 0         | 55   | 55.9 | 28.8 | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 10  | 0    | 44     | 54     | 0.705     | -0.02     | 3.409 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 29.2 | 163        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 10  | 0    | 54     | 54     | 0.692     | -0.049    | 3.409 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 28.8 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 10  | 1    | 4      | 54     | 0.705     | -0.043    | 3.409 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 28.8 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 1    | 14     | 54     | 0.659     | -0.059    | 3.409 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 29.2 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 1    | 24     | 54     | 0.673     | -0.059    | 3.409 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 28.8 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 1    | 34     | 54     | 0.732     | -0.036    | 3.409 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 29.2 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 1    | 44     | 54     | 0.712     | -0.046    | 3.409 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 28.4 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 10  | 1    | 54     | 54     | 0.738     | -0.01     | 3.406 | 0.01      | 0.007     | 0         | 55   | 56.3 | 28.4 | 163        | 165        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 2    | 4      | 54     | 0.656     | -0.03     | 3.406 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 28   | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 10  | 2    | 14     | 54     | 0.722     | -0.026    | 3.409 | 0.016     | 0.013     | 0         | 55   | 56.3 | 29.2 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 2    | 24     | 54     | 0.719     | -0.013    | 3.409 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 28.4 | 163        | 165        | 0          | 36     | 35     |
| 2009 | 6     | 10  | 2    | 34     | 54     | 0.699     | -0.033    | 3.409 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 28   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 2    | 44     | 54     | 0.656     | -0.033    | 3.406 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 28.4 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 10  | 2    | 54     | 54     | 0.666     | -0.003    | 3.406 | 0.016     | 0.013     | 0         | 55   | 56.3 | 28   | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 3    | 4      | 54     | 0.715     | -0.02     | 3.406 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 28   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 3    | 14     | 54     | 0.679     | -0.007    | 3.409 | 0.01      | 0.007     | 0         | 55   | 56.3 | 28.4 | 164        | 166        | 0          | 36     | 35     |
| 2009 | 6     | 10  | 3    | 24     | 54     | 0.705     | -0.059    | 3.409 | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 27.1 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 3    | 34     | 54     | 0.682     | -0.016    | 3.409 | 0.01      | 0.007     | 0         | 55.9 | 56.3 | 28   | 165        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 10  | 3    | 44     | 54     | 0.735     | -0.043    | 3.406 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 28   | 165        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 3    | 54     | 54     | 0.673     | -0.03     | 3.409 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 26.7 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 4    | 4      | 54     | 0.666     | -0.02     | 3.409 | 0.016     | 0.016     | 0         | 55.5 | 56.8 | 28   | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 4    | 14     | 54     | 0.663     | -0.033    | 3.409 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 28   | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 10  | 4    | 24     | 54     | 0.673     | -0.062    | 3.406 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 28   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 4    | 34     | 54     | 0.702     | -0.023    | 3.409 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 28   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 4    | 44     | 54     | 0.679     | -0.039    | 3.409 | 0.013     | 0.01      | 0         | 55   | 55.9 | 28   | 164        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 10  | 4    | 54     | 54     | 0.663     | -0.033    | 3.409 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 27.5 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 5    | 4      | 54     | 0.741     | -0.01     | 3.409 | 0.016     | 0.013     | 0         | 55   | 55.9 | 27.5 | 164        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 10  | 5    | 14     | 54     | 0.653     | -0.039    | 3.409 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 28.4 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 10  | 5    | 24     | 54     | 0.715     | -0.036    | 3.409 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 27.5 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 5    | 34     | 54     | 0.712     | -0.03     | 3.409 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 28   | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 5    | 44     | 54     | 0.666     | -0.052    | 3.409 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 28   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 5    | 54     | 54     | 0.65      | -0.059    | 3.409 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 27.5 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 6    | 4      | 54     | 0.669     | -0.026    | 3.409 | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 27.5 | 165        | 167        | 0          | 36     | 35     |
| 2009 | 6     | 10  | 6    | 14     | 54     | 0.719     | -0.016    | 3.409 | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 27.5 | 165        | 167        | 0          | 36     | 35     |
| 2009 | 6     | 10  | 6    | 24     | 54     | 0.692     | -0.026    | 3.409 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 28.4 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 10  | 6    | 34     | 54     | 0.755     | -0.056    | 3.409 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 27.5 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 6    | 44     | 54     | 0.715     | -0.026    | 3.409 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 27.1 | 165        | 166        | 0          | 36     | 35     |
| 2009 | 6     | 10  | 6    | 54     | 54     | 0.705     | -0.072    | 3.409 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 27.5 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 7    | 4      | 54     | 0.686     | -0.059    | 3.409 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 28   | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 10  | 7    | 14     | 54     | 0.656     | -0.049    | 3.409 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 28   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 7    | 24     | 54     | 0.673     | -0.049    | 3.409 | 0.016     | 0.013     | 0         | 55   | 56.3 | 27.5 | 164        | 166        | 0          | 36     | 35     |
| 2009 | 6     | 10  | 7    | 34     | 54     | 0.705     | -0.033    | 3.409 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 28   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 7    | 44     | 54     | 0.705     | -0.046    | 3.409 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 28.4 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 7    | 54     | 54     | 0.663     | -0.016    | 3.409 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 28.4 | 164        | 166        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 10  | 8    | 4      | 54     | 0.607     | -0.033    | 3.409 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 28   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 8    | 14     | 54     | 0.669     | -0.02     | 3.409 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 28.4 | 165        | 167        | 0          | 36     | 35     |
| 2009 | 6     | 10  | 8    | 24     | 54     | 0.653     | -0.043    | 3.412 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 28   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 8    | 34     | 54     | 0.633     | -0.069    | 3.409 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 27.5 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 8    | 44     | 54     | 0.663     | -0.016    | 3.409 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 27.5 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 8    | 54     | 54     | 0.686     | -0.033    | 3.409 | 0.016     | 0.016     | 0         | 55.9 | 56.3 | 28   | 165        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 10  | 9    | 4      | 54     | 0.63      | -0.062    | 3.412 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 27.5 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 9    | 14     | 54     | 0.696     | -0.033    | 3.412 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 28.8 | 165        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 10  | 9    | 24     | 54     | 0.705     | -0.049    | 3.409 | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 28.4 | 165        | 167        | 0          | 36     | 35     |
| 2009 | 6     | 10  | 9    | 34     | 54     | 0.61      | -0.052    | 3.412 | 0.016     | 0.016     | 0         | 55.5 | 56.8 | 28   | 165        | 167        | 0          | 36     | 35     |
| 2009 | 6     | 10  | 9    | 44     | 54     | 0.627     | -0.03     | 3.409 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 28   | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 10  | 9    | 54     | 54     | 0.686     | -0.039    | 3.412 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 29.7 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 10   | 4      | 54     | 0.633     | -0.098    | 3.409 | 0.01      | 0.007     | 0         | 55.9 | 56.8 | 28.4 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 10   | 14     | 54     | 0.686     | -0.026    | 3.412 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 28   | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 10   | 24     | 54     | 0.627     | -0.085    | 3.409 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 29.2 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 10   | 34     | 54     | 0.719     | -0.033    | 3.412 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 28.4 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 10  | 10   | 44     | 54     | 0.591     | -0.039    | 3.412 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 27.5 | 165        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 10  | 10   | 54     | 54     | 0.696     | -0.046    | 3.412 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 29.2 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 11   | 4      | 54     | 0.669     | -0.039    | 3.412 | 0.02      | 0.016     | 0         | 55.5 | 56.3 | 29.2 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 11   | 14     | 54     | 0.614     | -0.023    | 3.412 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 28.8 | 164        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 10  | 11   | 24     | 54     | 0.656     | -0.02     | 3.412 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 28.8 | 163        | 165        | 0          | 36     | 35     |
| 2009 | 6     | 10  | 11   | 34     | 54     | 0.63      | -0.033    | 3.412 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 28.8 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 11   | 44     | 54     | 0.607     | -0.039    | 3.412 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 30.1 | 164        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 11   | 54     | 54     | 0.656     | -0.059    | 3.412 | 0.013     | 0.01      | 0         | 55   | 55.9 | 29.2 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 12   | 4      | 54     | 0.617     | -0.043    | 3.412 | 0.016     | 0.016     | 0         | 55   | 55.9 | 29.2 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 12   | 14     | 54     | 0.574     | -0.069    | 3.412 | 0.013     | 0.01      | 0         | 55   | 55.9 | 29.2 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 12   | 24     | 54     | 0.686     | -0.007    | 3.412 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 28.4 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 12   | 34     | 54     | 0.679     | -0.016    | 3.412 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 29.7 | 165        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 10  | 12   | 44     | 54     | 0.627     | -0.007    | 3.412 | 0.016     | 0.016     | 0         | 55   | 56.3 | 28.8 | 164        | 166        | 0          | 36     | 35     |
| 2009 | 6     | 10  | 12   | 54     | 54     | 0.65      | -0.052    | 3.412 | 0.013     | 0.01      | 0         | 55   | 55.9 | 29.7 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 13   | 4      | 54     | 0.656     | -0.026    | 3.412 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 29.7 | 164        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 13   | 14     | 54     | 0.636     | -0.056    | 3.412 | 0.013     | 0.01      | 0         | 55.9 | 55.5 | 28   | 164        | 165        | 0          | 34     | 36     |
| 2009 | 6     | 10  | 13   | 24     | 54     | 0.6       | -0.036    | 3.415 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 46   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 13   | 34     | 54     | 0.627     | -0.043    | 3.415 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 45.2 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 13   | 44     | 54     | 0.646     | -0.026    | 3.415 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 42.1 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 13   | 54     | 54     | 0.666     | -0.043    | 3.415 | 0.016     | 0.016     | 0         | 55.9 | 56.3 | 40   | 165        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 10  | 14   | 4      | 54     | 0.623     | -0.066    | 3.412 | 0.016     | 0.016     | 0         | 55.9 | 56.3 | 28   | 165        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 10  | 14   | 14     | 54     | 0.741     | -0.013    | 3.412 | 0.016     | 0.013     | 0         | 55   | 55.9 | 29.7 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 14   | 24     | 54     | 0.663     | -0.043    | 3.412 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 29.7 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 14   | 34     | 54     | 0.656     | -0.059    | 3.412 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 28.8 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 14   | 44     | 54     | 0.705     | -0.049    | 3.412 | 0.016     | 0.013     | 0         | 55   | 55.5 | 29.7 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 10  | 14   | 54     | 54     | 0.689     | -0.016    | 3.415 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 29.7 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 15   | 4      | 54     | 0.679     | -0.007    | 3.419 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 42.1 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 15   | 14     | 54     | 0.636     | -0.039    | 3.415 | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 39.6 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 15   | 24     | 54     | 0.676     | -0.023    | 3.415 | 0.016     | 0.013     | 0         | 56.3 | 57.2 | 29.2 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 15   | 34     | 54     | 0.63      | -0.039    | 3.415 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 29.2 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 15   | 44     | 54     | 0.679     | -0.046    | 3.419 | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 43.9 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 15   | 54     | 54     | 0.715     | 0         | 3.415 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 37.8 | 164        | 167        | 0          | 34     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 10  | 16   | 4      | 54     | 0.735     | 0         | 3.415 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 30.5 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 16   | 14     | 54     | 0.666     | -0.049    | 3.415 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 39.6 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 16   | 24     | 54     | 0.669     | -0.013    | 3.415 | 0.01      | 0.007     | 0         | 55   | 56.3 | 33.1 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 16   | 34     | 54     | 0.689     | -0.043    | 3.415 | 0.016     | 0.013     | 0         | 55   | 55.9 | 31.8 | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 10  | 16   | 44     | 54     | 0.656     | -0.02     | 3.415 | 0.013     | 0.01      | 0         | 55   | 55.9 | 29.2 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 16   | 54     | 54     | 0.676     | -0.016    | 3.415 | 0.016     | 0.013     | 0         | 55   | 55.9 | 30.5 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 17   | 4      | 54     | 0.679     | -0.033    | 3.415 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 38.7 | 163        | 165        | 0          | 34     | 36     |
| 2009 | 6     | 10  | 17   | 14     | 54     | 0.682     | -0.033    | 3.415 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 34   | 163        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 10  | 17   | 24     | 54     | 0.666     | -0.03     | 3.415 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 36.1 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 17   | 34     | 54     | 0.719     | -0.016    | 3.415 | 0.016     | 0.013     | 0         | 55   | 56.3 | 33.5 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 17   | 44     | 54     | 0.643     | -0.072    | 3.415 | 0.01      | 0.007     | 0         | 55   | 56.3 | 32.7 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 17   | 54     | 54     | 0.699     | -0.056    | 3.415 | 0.016     | 0.016     | 0         | 55   | 56.8 | 29.2 | 163        | 166        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 18   | 4      | 54     | 0.679     | 0         | 3.415 | 0.013     | 0.01      | 0         | 55   | 55.9 | 28.4 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 18   | 14     | 54     | 0.748     | -0.036    | 3.415 | 0.016     | 0.013     | 0         | 55   | 55.9 | 29.7 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 18   | 24     | 54     | 0.761     | 0.013     | 3.415 | 0.01      | 0.007     | 0         | 55   | 56.3 | 29.2 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 18   | 34     | 54     | 0.715     | -0.026    | 3.415 | 0.01      | 0.007     | 0         | 55   | 56.3 | 28   | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 18   | 44     | 54     | 0.719     | -0.03     | 3.415 | 0.016     | 0.016     | 0         | 55   | 56.8 | 28.4 | 163        | 166        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 18   | 54     | 54     | 0.696     | -0.026    | 3.415 | 0.016     | 0.013     | 0         | 55   | 55.9 | 29.2 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 19   | 4      | 54     | 0.741     | -0.023    | 3.415 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 28.8 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 19   | 14     | 54     | 0.761     | -0.02     | 3.415 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 29.2 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 19   | 24     | 54     | 0.745     | -0.023    | 3.419 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 29.7 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 19   | 34     | 54     | 0.719     | -0.013    | 3.415 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 28.8 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 19   | 44     | 54     | 0.666     | -0.043    | 3.419 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 29.2 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 19   | 54     | 54     | 0.669     | -0.033    | 3.419 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 28   | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 20   | 4      | 54     | 0.692     | -0.03     | 3.415 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 28.8 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 10  | 20   | 14     | 54     | 0.751     | -0.039    | 3.419 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 30.1 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 20   | 24     | 54     | 0.679     | -0.066    | 3.419 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 28.4 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 10  | 20   | 34     | 54     | 0.722     | -0.026    | 3.422 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 28.4 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 20   | 44     | 54     | 0.705     | -0.052    | 3.422 | 0.016     | 0.016     | 0         | 54.2 | 55.5 | 28   | 162        | 164        | 0          | 36     | 35     |
| 2009 | 6     | 10  | 20   | 54     | 54     | 0.696     | -0.016    | 3.425 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 28.8 | 162        | 164        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 21   | 4      | 54     | 0.712     | -0.039    | 3.425 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 29.2 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 21   | 14     | 54     | 0.696     | -0.049    | 3.425 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 28.4 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 21   | 24     | 54     | 0.676     | -0.003    | 3.428 | 0.013     | 0.01      | 0         | 54.2 | 55   | 28.8 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 10  | 21   | 34     | 54     | 0.741     | -0.039    | 3.432 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 27.5 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 21   | 44     | 54     | 0.699     | -0.052    | 3.432 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 29.2 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 21   | 54     | 54     | 0.725     | -0.003    | 3.432 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 27.5 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 22   | 4      | 54     | 0.712     | -0.007    | 3.432 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 28.8 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 22   | 14     | 54     | 0.705     | -0.016    | 3.432 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 28.8 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 22   | 24     | 54     | 0.689     | -0.016    | 3.435 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 29.2 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 22   | 34     | 54     | 0.646     | -0.007    | 3.435 | 0.016     | 0.013     | 0         | 54.2 | 55   | 29.7 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 22   | 44     | 54     | 0.709     | -0.033    | 3.435 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 28.8 | 161        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 10  | 22   | 54     | 54     | 0.696     | -0.03     | 3.435 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 29.7 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 23   | 4      | 54     | 0.722     | -0.046    | 3.435 | 0.01      | 0.007     | 0         | 54.2 | 55.5 | 29.2 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 23   | 14     | 54     | 0.732     | -0.043    | 3.435 | 0.016     | 0.013     | 0         | 54.2 | 55   | 29.2 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 23   | 24     | 54     | 0.722     | -0.056    | 3.438 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 30.5 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 23   | 34     | 54     | 0.715     | -0.026    | 3.438 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 30.5 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 10  | 23   | 44     | 54     | 0.745     | -0.046    | 3.438 | 0.01      | 0.007     | 0         | 54.2 | 55   | 30.5 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 10  | 23   | 54     | 54     | 0.728     | 0         | 3.438 | 0.016     | 0.013     | 0         | 55   | 55.5 | 31   | 162        | 164        | 0          | 34     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 11  | 0    | 4      | 54     | 0.669     | -0.082    | 3.438 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 29.2 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 0    | 14     | 54     | 0.725     | -0.02     | 3.438 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 29.7 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 0    | 24     | 54     | 0.751     | 0         | 3.438 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 29.2 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 11  | 0    | 34     | 54     | 0.686     | -0.052    | 3.438 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 30.1 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 0    | 44     | 54     | 0.715     | -0.03     | 3.438 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 29.7 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 11  | 0    | 54     | 54     | 0.715     | -0.049    | 3.438 | 0.013     | 0.01      | 0         | 55   | 55.9 | 30.1 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 1    | 4      | 54     | 0.682     | -0.056    | 3.438 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 29.2 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 1    | 14     | 54     | 0.732     | -0.072    | 3.438 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 29.7 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 1    | 24     | 54     | 0.722     | -0.046    | 3.438 | 0.01      | 0.007     | 0         | 54.6 | 55   | 29.7 | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 11  | 1    | 34     | 54     | 0.748     | -0.036    | 3.438 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 28.8 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 11  | 1    | 44     | 54     | 0.764     | -0.033    | 3.438 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 29.2 | 162        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 11  | 1    | 54     | 54     | 0.725     | -0.059    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 55.9 | 29.7 | 162        | 165        | 0          | 36     | 35     |
| 2009 | 6     | 11  | 2    | 4      | 54     | 0.719     | -0.066    | 3.442 | 0.01      | 0.007     | 0         | 55   | 55.5 | 29.2 | 162        | 165        | 0          | 34     | 36     |
| 2009 | 6     | 11  | 2    | 14     | 54     | 0.732     | -0.023    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 55.9 | 28.4 | 162        | 165        | 0          | 36     | 35     |
| 2009 | 6     | 11  | 2    | 24     | 54     | 0.699     | -0.03     | 3.438 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 28.4 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 11  | 2    | 34     | 54     | 0.702     | -0.003    | 3.442 | 0.013     | 0.01      | 0         | 55   | 55.9 | 29.2 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 2    | 44     | 54     | 0.741     | 0.003     | 3.442 | 0.013     | 0.01      | 0         | 55   | 55.5 | 29.7 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 11  | 2    | 54     | 54     | 0.705     | -0.03     | 3.442 | 0.013     | 0.01      | 0         | 54.6 | 55   | 30.1 | 163        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 11  | 3    | 4      | 54     | 0.682     | -0.043    | 3.442 | 0.013     | 0.01      | 0         | 54.6 | 55   | 29.7 | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 11  | 3    | 14     | 54     | 0.682     | -0.062    | 3.442 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 29.7 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 11  | 3    | 24     | 54     | 0.728     | -0.039    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 55   | 28.4 | 162        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 11  | 3    | 34     | 54     | 0.735     | -0.043    | 3.442 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 29.7 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 3    | 44     | 54     | 0.686     | -0.043    | 3.442 | 0.013     | 0.01      | 0         | 55   | 55.5 | 28   | 163        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 3    | 54     | 54     | 0.699     | -0.033    | 3.442 | 0.013     | 0.01      | 0         | 55   | 55.9 | 28.4 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 4    | 4      | 54     | 0.705     | -0.082    | 3.442 | 0.01      | 0.007     | 0         | 55   | 55.5 | 28.8 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 11  | 4    | 14     | 54     | 0.715     | -0.03     | 3.445 | 0.01      | 0.007     | 0         | 55   | 55.5 | 28   | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 11  | 4    | 24     | 54     | 0.646     | -0.043    | 3.442 | 0.016     | 0.013     | 0         | 55   | 55.9 | 28   | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 4    | 34     | 54     | 0.686     | -0.02     | 3.445 | 0.013     | 0.01      | 0         | 55   | 55.5 | 28   | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 11  | 4    | 44     | 54     | 0.748     | -0.013    | 3.445 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 28.4 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 4    | 54     | 54     | 0.699     | -0.056    | 3.445 | 0.01      | 0.007     | 0         | 55   | 55.5 | 28.8 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 11  | 5    | 4      | 54     | 0.709     | -0.052    | 3.445 | 0.016     | 0.013     | 0         | 55   | 55.9 | 28.4 | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 11  | 5    | 14     | 54     | 0.699     | -0.046    | 3.445 | 0.013     | 0.01      | 0         | 55   | 55.5 | 28.8 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 11  | 5    | 24     | 54     | 0.725     | -0.03     | 3.445 | 0.016     | 0.013     | 0         | 55   | 56.3 | 28.4 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 5    | 34     | 54     | 0.702     | -0.066    | 3.445 | 0.016     | 0.013     | 0         | 55   | 55.9 | 27.1 | 164        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 11  | 5    | 44     | 54     | 0.719     | -0.033    | 3.445 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 27.1 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 11  | 5    | 54     | 54     | 0.692     | 0         | 3.448 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 27.1 | 164        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 6    | 4      | 54     | 0.732     | 0         | 3.448 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 27.1 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 6    | 14     | 54     | 0.699     | -0.023    | 3.448 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 26.7 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 11  | 6    | 24     | 54     | 0.702     | -0.043    | 3.448 | 0.013     | 0.01      | 0         | 55   | 55.9 | 27.1 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 6    | 34     | 54     | 0.702     | -0.036    | 3.448 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 28   | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 11  | 6    | 44     | 54     | 0.663     | -0.046    | 3.451 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 26.7 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 6    | 54     | 54     | 0.666     | -0.023    | 3.451 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 26.7 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 11  | 7    | 4      | 54     | 0.673     | -0.056    | 3.455 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 26.2 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 7    | 14     | 54     | 0.751     | -0.046    | 3.455 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 27.1 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 11  | 7    | 24     | 54     | 0.646     | -0.066    | 3.455 | 0.016     | 0.013     | 0         | 55   | 56.3 | 26.2 | 164        | 166        | 0          | 36     | 35     |
| 2009 | 6     | 11  | 7    | 34     | 54     | 0.689     | -0.049    | 3.455 | 0.016     | 0.013     | 0         | 55   | 55.9 | 26.7 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 7    | 44     | 54     | 0.699     | -0.007    | 3.455 | 0.013     | 0.01      | 0         | 55   | 56.3 | 26.7 | 164        | 166        | 0          | 36     | 35     |
| 2009 | 6     | 11  | 7    | 54     | 54     | 0.722     | -0.046    | 3.458 | 0.013     | 0.01      | 0         | 55   | 56.3 | 27.1 | 164        | 166        | 0          | 36     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 11  | 8    | 4      | 54     | 0.663     | -0.036    | 3.458 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 27.5 | 163        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 11  | 8    | 14     | 54     | 0.696     | -0.066    | 3.461 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 28.4 | 163        | 165        | 0          | 36     | 35     |
| 2009 | 6     | 11  | 8    | 33     | 17     | 0.728     | -0.03     | 3.458 | 0.016     | 0.013     | 0         | 55   | 55.9 | 27.5 | 164        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 11  | 8    | 43     | 17     | 0.666     | -0.023    | 3.461 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 27.5 | 164        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 8    | 53     | 17     | 0.696     | -0.056    | 3.461 | 0.013     | 0.01      | 0         | 55   | 55.9 | 28   | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 11  | 9    | 3      | 17     | 0.728     | -0.066    | 3.461 | 0.016     | 0.013     | 0         | 55   | 55.9 | 27.1 | 164        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 11  | 9    | 13     | 17     | 0.686     | -0.026    | 3.461 | 0.013     | 0.01      | 0         | 55   | 55.9 | 28   | 164        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 11  | 9    | 23     | 17     | 0.696     | -0.036    | 3.461 | 0.01      | 0.007     | 0         | 55   | 55.9 | 27.1 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 9    | 33     | 17     | 0.692     | -0.036    | 3.461 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 28.4 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 9    | 43     | 17     | 0.627     | -0.036    | 3.461 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 28   | 163        | 165        | 0          | 36     | 35     |
| 2009 | 6     | 11  | 9    | 53     | 17     | 0.663     | -0.046    | 3.465 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 27.5 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 10   | 3      | 17     | 0.673     | -0.039    | 3.465 | 0.016     | 0.016     | 0         | 55   | 55.5 | 26.2 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 11  | 10   | 13     | 17     | 0.64      | -0.066    | 3.465 | 0.016     | 0.016     | 0         | 55   | 55.9 | 28.4 | 164        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 11  | 10   | 23     | 17     | 0.692     | -0.003    | 3.465 | 0.013     | 0.01      | 0         | 55   | 55.9 | 28   | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 10   | 33     | 17     | 0.666     | -0.026    | 3.465 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 28.4 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 10   | 43     | 17     | 0.682     | -0.016    | 3.465 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 28   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 10   | 53     | 17     | 0.666     | -0.072    | 3.465 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 28.4 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 11   | 3      | 17     | 0.692     | -0.043    | 3.465 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 29.7 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 11  | 11   | 13     | 17     | 0.692     | -0.003    | 3.465 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 28.8 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 11   | 23     | 17     | 0.643     | -0.036    | 3.465 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 28.4 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 11   | 33     | 17     | 0.656     | -0.056    | 3.465 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 30.1 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 11  | 11   | 43     | 17     | 0.682     | -0.026    | 3.465 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 28   | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 11  | 11   | 53     | 17     | 0.682     | -0.02     | 3.465 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 28   | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 12   | 3      | 17     | 0.659     | -0.043    | 3.465 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 29.2 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 12   | 13     | 17     | 0.64      | -0.016    | 3.465 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 29.7 | 165        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 12   | 23     | 17     | 0.617     | -0.092    | 3.465 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 28   | 165        | 167        | 0          | 36     | 35     |
| 2009 | 6     | 11  | 12   | 33     | 17     | 0.689     | -0.043    | 3.465 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 27.1 | 165        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 11  | 12   | 43     | 17     | 0.666     | -0.043    | 3.461 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 30.1 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 12   | 53     | 17     | 0.623     | -0.036    | 3.468 | 0.01      | 0.007     | 0         | 55.9 | 56.8 | 38.7 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 13   | 3      | 17     | 0.676     | -0.052    | 3.461 | 0.01      | 0.007     | 0         | 56.3 | 57.2 | 28   | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 13   | 13     | 17     | 0.656     | -0.026    | 3.465 | 0.013     | 0.01      | 0         | 56.3 | 57.2 | 30.1 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 13   | 23     | 17     | 0.676     | -0.039    | 3.465 | 0.016     | 0.013     | 0         | 56.3 | 57.2 | 30.5 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 13   | 33     | 17     | 0.597     | -0.082    | 3.465 | 0.01      | 0.007     | 0         | 56.3 | 56.8 | 29.2 | 166        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 13   | 43     | 17     | 0.646     | -0.043    | 3.465 | 0.013     | 0.01      | 0         | 55.9 | 57.2 | 30.1 | 166        | 168        | 0          | 36     | 35     |
| 2009 | 6     | 11  | 13   | 53     | 17     | 0.646     | -0.072    | 3.468 | 0.016     | 0.013     | 0         | 56.8 | 57.2 | 40.4 | 167        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 14   | 3      | 17     | 0.6       | -0.043    | 3.465 | 0.01      | 0.007     | 0         | 55.9 | 57.2 | 40.9 | 166        | 168        | 0          | 36     | 35     |
| 2009 | 6     | 11  | 14   | 13     | 17     | 0.653     | -0.039    | 3.461 | 0.016     | 0.013     | 0         | 56.3 | 57.2 | 34   | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 14   | 23     | 17     | 0.669     | -0.066    | 3.461 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 35.3 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 14   | 33     | 17     | 0.636     | -0.069    | 3.461 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 29.2 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 14   | 43     | 17     | 0.666     | -0.049    | 3.465 | 0.01      | 0.007     | 0         | 56.3 | 57.2 | 38.3 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 14   | 53     | 17     | 0.686     | -0.016    | 3.468 | 0.013     | 0.01      | 0         | 56.3 | 57.2 | 44.7 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 15   | 3      | 17     | 0.669     | -0.033    | 3.471 | 0.016     | 0.013     | 0         | 56.3 | 57.6 | 45.2 | 166        | 169        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 15   | 13     | 17     | 0.676     | -0.052    | 3.468 | 0.01      | 0.007     | 0         | 56.8 | 57.6 | 45.2 | 167        | 169        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 15   | 23     | 17     | 0.696     | -0.003    | 3.468 | 0.01      | 0.007     | 0         | 57.2 | 58   | 43.9 | 168        | 170        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 15   | 33     | 17     | 0.636     | -0.056    | 3.468 | 0.013     | 0.01      | 0         | 57.2 | 57.6 | 44.3 | 168        | 169        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 15   | 43     | 17     | 0.627     | -0.046    | 3.468 | 0.013     | 0.01      | 0         | 56.8 | 57.6 | 42.1 | 167        | 169        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 15   | 53     | 17     | 0.617     | -0.072    | 3.468 | 0.013     | 0.01      | 0         | 56.8 | 57.6 | 46   | 167        | 169        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 16   | 3      | 17     | 0.673     | -0.036    | 3.468 | 0.016     | 0.016     | 0         | 56.8 | 57.6 | 43.4 | 167        | 169        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 11  | 16   | 13     | 17     | 0.614     | -0.036    | 3.465 | 0.016     | 0.013     | 0         | 56.8 | 57.6 | 43   | 167        | 169        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 16   | 23     | 17     | 0.689     | -0.033    | 3.468 | 0.016     | 0.013     | 0         | 56.8 | 57.6 | 43.4 | 167        | 169        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 16   | 33     | 17     | 0.653     | -0.049    | 3.465 | 0.01      | 0.007     | 0         | 56.8 | 57.6 | 33.1 | 167        | 169        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 16   | 43     | 17     | 0.663     | -0.049    | 3.468 | 0.013     | 0.01      | 0         | 56.3 | 57.2 | 39.1 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 16   | 53     | 17     | 0.63      | -0.049    | 3.465 | 0.016     | 0.013     | 0         | 57.2 | 57.2 | 43   | 167        | 168        | 0          | 34     | 35     |
| 2009 | 6     | 11  | 17   | 3      | 17     | 0.676     | -0.02     | 3.468 | 0.016     | 0.013     | 0         | 56.3 | 57.2 | 43.9 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 17   | 13     | 17     | 0.728     | -0.003    | 3.465 | 0.013     | 0.01      | 0         | 56.3 | 57.2 | 38.3 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 17   | 23     | 17     | 0.663     | -0.033    | 3.468 | 0.013     | 0.01      | 0         | 56.3 | 57.2 | 41.7 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 17   | 33     | 17     | 0.689     | -0.039    | 3.465 | 0.016     | 0.013     | 0         | 56.3 | 57.2 | 33.5 | 165        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 17   | 43     | 17     | 0.673     | -0.056    | 3.468 | 0.016     | 0.013     | 0         | 56.3 | 56.8 | 42.1 | 165        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 11  | 17   | 53     | 17     | 0.62      | -0.039    | 3.468 | 0.016     | 0.016     | 0         | 55.5 | 56.8 | 43.4 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 18   | 3      | 17     | 0.643     | -0.052    | 3.465 | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 34.4 | 165        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 11  | 18   | 13     | 17     | 0.715     | -0.052    | 3.465 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 38.7 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 18   | 23     | 17     | 0.65      | -0.03     | 3.465 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 29.2 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 18   | 33     | 17     | 0.692     | -0.033    | 3.465 | 0.013     | 0.01      | 0         | 55.9 | 57.2 | 28   | 165        | 167        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 18   | 43     | 17     | 0.696     | 0.01      | 3.465 | 0.016     | 0.013     | 0         | 56.3 | 56.8 | 28.8 | 165        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 11  | 18   | 53     | 17     | 0.689     | -0.062    | 3.465 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 30.1 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 19   | 3      | 17     | 0.676     | -0.039    | 3.465 | 0.01      | 0.007     | 0         | 55.9 | 56.3 | 28.8 | 165        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 19   | 13     | 17     | 0.689     | 0         | 3.465 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 28.8 | 165        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 19   | 23     | 17     | 0.653     | -0.016    | 3.465 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 28.4 | 164        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 11  | 19   | 33     | 17     | 0.699     | 0         | 3.465 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 28.4 | 164        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 11  | 19   | 43     | 17     | 0.709     | -0.01     | 3.465 | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 28   | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 19   | 53     | 17     | 0.705     | -0.02     | 3.465 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 28.4 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 20   | 3      | 17     | 0.751     | -0.026    | 3.465 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 28.4 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 20   | 13     | 17     | 0.738     | -0.036    | 3.468 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 27.5 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 20   | 23     | 17     | 0.696     | -0.02     | 3.465 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 28.4 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 20   | 33     | 17     | 0.725     | -0.052    | 3.465 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 28.4 | 164        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 11  | 20   | 43     | 17     | 0.725     | -0.03     | 3.468 | 0.013     | 0.01      | 0         | 55   | 55.9 | 28.4 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 20   | 53     | 17     | 0.692     | -0.039    | 3.465 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 28.8 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 21   | 3      | 17     | 0.741     | -0.007    | 3.465 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 27.1 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 21   | 13     | 17     | 0.735     | -0.016    | 3.465 | 0.013     | 0.01      | 0         | 55   | 56.8 | 28.8 | 164        | 166        | 0          | 36     | 34     |
| 2009 | 6     | 11  | 21   | 23     | 17     | 0.702     | -0.033    | 3.468 | 0.016     | 0.013     | 0         | 55   | 56.3 | 28   | 163        | 165        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 21   | 33     | 17     | 0.699     | -0.046    | 3.468 | 0.013     | 0.01      | 0         | 55   | 55.9 | 27.5 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 21   | 43     | 17     | 0.761     | -0.036    | 3.468 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 28.4 | 163        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 11  | 21   | 53     | 17     | 0.673     | -0.052    | 3.468 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 28.8 | 163        | 165        | 0          | 36     | 35     |
| 2009 | 6     | 11  | 22   | 3      | 17     | 0.682     | -0.033    | 3.468 | 0.013     | 0.01      | 0         | 55   | 55.9 | 27.5 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 22   | 13     | 17     | 0.719     | -0.043    | 3.468 | 0.013     | 0.01      | 0         | 55   | 55.9 | 28.4 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 22   | 23     | 17     | 0.761     | -0.01     | 3.468 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 28   | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 22   | 33     | 17     | 0.748     | -0.023    | 3.471 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 28.8 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 22   | 43     | 17     | 0.715     | -0.046    | 3.471 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 28.4 | 163        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 11  | 22   | 53     | 17     | 0.715     | -0.033    | 3.471 | 0.016     | 0.013     | 0         | 55   | 55.9 | 28   | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 23   | 3      | 17     | 0.755     | -0.036    | 3.471 | 0.013     | 0.01      | 0         | 55   | 55.9 | 28   | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 23   | 13     | 17     | 0.692     | -0.049    | 3.474 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 27.5 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 23   | 23     | 17     | 0.705     | -0.052    | 3.474 | 0.016     | 0.013     | 0         | 55   | 55.9 | 28.8 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 23   | 33     | 17     | 0.702     | 0         | 3.474 | 0.013     | 0.01      | 0         | 55   | 55.9 | 28   | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 23   | 43     | 17     | 0.709     | -0.023    | 3.474 | 0.016     | 0.013     | 0         | 55   | 55.9 | 28.4 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 11  | 23   | 53     | 17     | 0.709     | -0.033    | 3.474 | 0.016     | 0.016     | 0         | 55   | 55.9 | 28.8 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 0    | 3      | 17     | 0.719     | -0.062    | 3.478 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 28.4 | 162        | 164        | 0          | 35     | 35     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 12  | 0    | 13     | 17     | 0.758     | -0.007    | 3.478 | 0.016     | 0.013     | 0         | 55   | 56.3 | 28.8 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 0    | 23     | 17     | 0.755     | -0.036    | 3.474 | 0.016     | 0.016     | 0         | 55   | 55.9 | 28.8 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 0    | 33     | 17     | 0.764     | -0.016    | 3.478 | 0.016     | 0.013     | 0         | 55   | 55.9 | 28.8 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 0    | 43     | 17     | 0.712     | -0.03     | 3.478 | 0.013     | 0.01      | 0         | 55   | 55.9 | 28.8 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 0    | 53     | 17     | 0.725     | -0.046    | 3.478 | 0.02      | 0.016     | 0         | 55   | 55.9 | 28.8 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 1    | 3      | 17     | 0.781     | 0         | 3.478 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 29.2 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 1    | 13     | 17     | 0.761     | -0.016    | 3.478 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 28.4 | 164        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 1    | 23     | 17     | 0.728     | -0.016    | 3.478 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 28   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 1    | 33     | 17     | 0.738     | -0.016    | 3.481 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 28.8 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 12  | 1    | 43     | 17     | 0.679     | -0.039    | 3.478 | 0.013     | 0.01      | 0         | 55   | 55.9 | 28.8 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 1    | 53     | 17     | 0.696     | -0.02     | 3.478 | 0.016     | 0.013     | 0         | 55   | 56.3 | 28.4 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 2    | 3      | 17     | 0.692     | -0.016    | 3.478 | 0.016     | 0.013     | 0         | 55   | 56.3 | 28.8 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 2    | 13     | 17     | 0.755     | -0.01     | 3.478 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 28.4 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 2    | 23     | 17     | 0.748     | -0.052    | 3.481 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 30.5 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 2    | 33     | 17     | 0.771     | -0.052    | 3.481 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 28.8 | 163        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 12  | 2    | 43     | 17     | 0.712     | -0.046    | 3.481 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 29.2 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 2    | 53     | 17     | 0.794     | -0.013    | 3.478 | 0.013     | 0.01      | 0         | 55   | 56.3 | 29.2 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 3    | 3      | 17     | 0.719     | -0.013    | 3.481 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 29.7 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 3    | 13     | 17     | 0.741     | -0.01     | 3.481 | 0.016     | 0.013     | 0         | 55   | 56.3 | 28.4 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 3    | 23     | 17     | 0.768     | -0.033    | 3.481 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 28.4 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 12  | 3    | 33     | 17     | 0.722     | -0.02     | 3.481 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 28.4 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 3    | 43     | 17     | 0.768     | -0.033    | 3.481 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 28.8 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 3    | 53     | 17     | 0.771     | 0.013     | 3.481 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 28   | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 12  | 4    | 3      | 17     | 0.738     | -0.013    | 3.481 | 0.016     | 0.013     | 0         | 55   | 55.9 | 28.8 | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 12  | 4    | 13     | 17     | 0.745     | -0.023    | 3.481 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 28   | 163        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 12  | 4    | 23     | 17     | 0.758     | -0.02     | 3.481 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 28.4 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 4    | 33     | 17     | 0.686     | -0.033    | 3.481 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 28   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 4    | 43     | 17     | 0.761     | -0.066    | 3.481 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 28   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 4    | 53     | 17     | 0.719     | -0.013    | 3.481 | 0.016     | 0.013     | 0         | 55   | 56.3 | 28   | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 5    | 3      | 17     | 0.751     | -0.056    | 3.481 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 28.4 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 5    | 13     | 17     | 0.725     | -0.052    | 3.481 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 28.4 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 5    | 23     | 17     | 0.781     | -0.036    | 3.481 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 27.5 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 5    | 33     | 17     | 0.686     | -0.013    | 3.481 | 0.02      | 0.016     | 0         | 55.9 | 56.8 | 28   | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 5    | 43     | 17     | 0.712     | 0         | 3.481 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 28.4 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 12  | 5    | 53     | 17     | 0.722     | 0         | 3.481 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 27.5 | 165        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 6    | 3      | 17     | 0.748     | -0.026    | 3.481 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 27.1 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 6    | 13     | 17     | 0.755     | -0.056    | 3.481 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 27.5 | 165        | 167        | 0          | 36     | 35     |
| 2009 | 6     | 12  | 6    | 23     | 17     | 0.673     | -0.066    | 3.481 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 27.1 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 6    | 33     | 17     | 0.728     | -0.066    | 3.481 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 27.1 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 6    | 43     | 17     | 0.679     | -0.033    | 3.481 | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 28.4 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 6    | 53     | 17     | 0.682     | -0.049    | 3.481 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 27.1 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 12  | 7    | 3      | 17     | 0.705     | -0.03     | 3.481 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 27.5 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 7    | 13     | 17     | 0.719     | -0.052    | 3.481 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 28   | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 12  | 7    | 23     | 17     | 0.719     | -0.046    | 3.481 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 27.5 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 7    | 33     | 17     | 0.709     | -0.033    | 3.481 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 28.4 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 12  | 7    | 43     | 17     | 0.751     | -0.036    | 3.481 | 0.016     | 0.013     | 0         | 55   | 56.3 | 28.4 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 7    | 53     | 17     | 0.709     | -0.069    | 3.481 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 28.8 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 8    | 3      | 17     | 0.689     | -0.033    | 3.481 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 27.5 | 164        | 166        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 12  | 8    | 13     | 17     | 0.676     | -0.033    | 3.481 | 0.016     | 0.013     | 0         | 55   | 56.3 | 29.2 | 164        | 166        | 0          | 36     | 35     |
| 2009 | 6     | 12  | 8    | 23     | 17     | 0.669     | -0.033    | 3.481 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 27.5 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 12  | 8    | 33     | 17     | 0.712     | -0.023    | 3.481 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 28.4 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 8    | 43     | 17     | 0.666     | -0.026    | 3.481 | 0.016     | 0.013     | 0         | 55   | 55.9 | 28   | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 8    | 53     | 17     | 0.728     | -0.013    | 3.481 | 0.016     | 0.016     | 0         | 55   | 55.5 | 28.4 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 12  | 9    | 3      | 17     | 0.709     | -0.01     | 3.484 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 28   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 9    | 13     | 17     | 0.732     | -0.043    | 3.484 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 29.2 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 12  | 9    | 23     | 17     | 0.705     | -0.03     | 3.481 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 29.7 | 163        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 12  | 9    | 33     | 17     | 0.755     | -0.03     | 3.484 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 28.8 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 9    | 43     | 17     | 0.682     | -0.036    | 3.481 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 28.8 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 9    | 53     | 17     | 0.787     | -0.03     | 3.484 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 28.8 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 12  | 10   | 3      | 17     | 0.636     | -0.039    | 3.484 | 0.013     | 0.01      | 0         | 55   | 55.9 | 29.2 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 10   | 13     | 17     | 0.699     | -0.066    | 3.484 | 0.016     | 0.013     | 0         | 55   | 55.9 | 27.5 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 10   | 23     | 17     | 0.646     | -0.062    | 3.484 | 0.013     | 0.01      | 0         | 55   | 55.9 | 28.4 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 10   | 33     | 17     | 0.669     | -0.056    | 3.484 | 0.01      | 0.007     | 0         | 55   | 55.5 | 28.4 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 12  | 10   | 43     | 17     | 0.666     | -0.049    | 3.484 | 0.016     | 0.016     | 0         | 55   | 55.9 | 29.2 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 10   | 53     | 17     | 0.643     | -0.03     | 3.484 | 0.013     | 0.01      | 0         | 55   | 55.5 | 29.2 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 12  | 11   | 3      | 17     | 0.594     | -0.069    | 3.484 | 0.013     | 0.01      | 0         | 55   | 55.9 | 30.1 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 11   | 13     | 17     | 0.64      | -0.03     | 3.484 | 0.01      | 0.007     | 0         | 55   | 55.5 | 30.5 | 163        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 11   | 23     | 17     | 0.659     | -0.056    | 3.484 | 0.016     | 0.013     | 0         | 55   | 55.5 | 28.4 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 12  | 11   | 33     | 17     | 0.712     | -0.013    | 3.484 | 0.016     | 0.013     | 0         | 55   | 55.9 | 37.8 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 11   | 43     | 17     | 0.656     | -0.059    | 3.484 | 0.01      | 0.007     | 0         | 55   | 56.3 | 33.1 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 11   | 53     | 17     | 0.673     | -0.02     | 3.484 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 37.4 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 12   | 3      | 17     | 0.636     | -0.039    | 3.488 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 43   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 12   | 13     | 17     | 0.656     | -0.075    | 3.484 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 30.5 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 12   | 23     | 17     | 0.627     | -0.062    | 3.488 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 41.3 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 12   | 33     | 17     | 0.646     | -0.02     | 3.488 | 0.013     | 0.01      | 0         | 55   | 55.9 | 40   | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 12   | 43     | 17     | 0.627     | -0.043    | 3.484 | 0.013     | 0.01      | 0         | 55   | 56.3 | 33.1 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 12   | 53     | 17     | 0.682     | -0.069    | 3.488 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 43   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 13   | 3      | 17     | 0.692     | -0.033    | 3.488 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 36.1 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 13   | 13     | 17     | 0.666     | -0.052    | 3.488 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 45.6 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 13   | 23     | 17     | 0.666     | -0.039    | 3.488 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 40.9 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 13   | 33     | 17     | 0.633     | -0.043    | 3.488 | 0.02      | 0.016     | 0         | 55   | 56.3 | 47.7 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 13   | 43     | 17     | 0.676     | -0.023    | 3.488 | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 46.9 | 164        | 166        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 13   | 53     | 17     | 0.692     | 0.03      | 3.488 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 46   | 164        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 12  | 14   | 3      | 17     | 0.666     | -0.056    | 3.488 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 49.5 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 14   | 13     | 17     | 0.764     | -0.023    | 3.488 | 0.016     | 0.016     | 0         | 55.9 | 56.8 | 47.3 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 14   | 23     | 17     | 0.669     | -0.043    | 3.488 | 0.013     | 0.01      | 0         | 55.9 | 57.2 | 47.3 | 165        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 14   | 33     | 17     | 0.676     | -0.023    | 3.488 | 0.016     | 0.016     | 0         | 56.3 | 57.2 | 45.2 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 14   | 43     | 17     | 0.673     | -0.043    | 3.488 | 0.016     | 0.013     | 0         | 56.3 | 57.6 | 49.5 | 166        | 168        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 14   | 53     | 17     | 0.653     | -0.01     | 3.484 | 0.01      | 0.007     | 0         | 56.3 | 57.6 | 45.6 | 166        | 168        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 15   | 3      | 17     | 0.689     | -0.003    | 3.484 | 0.013     | 0.01      | 0         | 56.3 | 57.2 | 45.2 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 15   | 13     | 17     | 0.689     | -0.036    | 3.484 | 0.013     | 0.01      | 0         | 56.3 | 57.2 | 44.7 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 15   | 23     | 17     | 0.673     | -0.062    | 3.488 | 0.016     | 0.013     | 0         | 56.3 | 57.2 | 45.2 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 15   | 33     | 17     | 0.64      | -0.043    | 3.488 | 0.013     | 0.01      | 0         | 56.8 | 57.6 | 46   | 166        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 15   | 43     | 17     | 0.692     | -0.007    | 3.488 | 0.01      | 0.007     | 0         | 56.3 | 57.2 | 46.4 | 165        | 168        | 0          | 34     | 35     |
| 2009 | 6     | 12  | 15   | 53     | 17     | 0.636     | -0.046    | 3.484 | 0.01      | 0.007     | 0         | 55.9 | 56.8 | 43.9 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 16   | 3      | 17     | 0.627     | 0         | 3.484 | 0.01      | 0.007     | 0         | 55.9 | 56.8 | 43   | 165        | 167        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 12  | 16   | 13     | 17     | 0.62      | -0.043    | 3.484 | 0.016     | 0.013     | 0         | 56.8 | 57.6 | 44.7 | 166        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 16   | 23     | 17     | 0.673     | -0.02     | 3.484 | 0.016     | 0.013     | 0         | 56.8 | 57.2 | 43.4 | 166        | 168        | 0          | 34     | 35     |
| 2009 | 6     | 12  | 16   | 33     | 17     | 0.719     | -0.036    | 3.481 | 0.016     | 0.013     | 0         | 56.3 | 56.8 | 44.3 | 165        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 12  | 16   | 43     | 17     | 0.659     | 0.007     | 3.481 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 41.7 | 164        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 12  | 16   | 53     | 17     | 0.715     | -0.033    | 3.484 | 0.01      | 0.007     | 0         | 55.9 | 56.3 | 43   | 164        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 12  | 17   | 3      | 17     | 0.686     | 0         | 3.484 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 46   | 164        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 12  | 17   | 13     | 17     | 0.712     | -0.033    | 3.481 | 0.013     | 0.01      | 0         | 55.5 | 57.2 | 43   | 164        | 167        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 17   | 23     | 17     | 0.692     | -0.033    | 3.481 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 44.7 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 17   | 33     | 17     | 0.659     | -0.039    | 3.481 | 0.01      | 0.007     | 0         | 55.5 | 56.8 | 44.7 | 164        | 166        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 17   | 43     | 17     | 0.669     | -0.003    | 3.481 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 43.9 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 17   | 53     | 17     | 0.699     | -0.033    | 3.481 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 43.9 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 18   | 3      | 17     | 0.748     | -0.023    | 3.481 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 39.6 | 163        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 18   | 13     | 17     | 0.745     | -0.043    | 3.481 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 43   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 18   | 23     | 17     | 0.751     | 0.003     | 3.478 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 31.8 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 18   | 33     | 17     | 0.689     | -0.003    | 3.481 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 33.1 | 163        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 12  | 18   | 43     | 17     | 0.699     | -0.03     | 3.478 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 33.1 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 18   | 53     | 17     | 0.696     | 0         | 3.481 | 0.016     | 0.013     | 0         | 55   | 56.3 | 35.7 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 19   | 3      | 17     | 0.689     | -0.016    | 3.478 | 0.016     | 0.013     | 0         | 55   | 55.9 | 41.7 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 19   | 13     | 17     | 0.758     | -0.03     | 3.478 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 28.8 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 19   | 23     | 17     | 0.735     | -0.023    | 3.478 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 28.8 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 19   | 33     | 17     | 0.653     | -0.007    | 3.478 | 0.01      | 0.007     | 0         | 55   | 56.3 | 30.1 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 19   | 43     | 17     | 0.699     | 0         | 3.478 | 0.016     | 0.013     | 0         | 55   | 56.3 | 36.1 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 19   | 53     | 17     | 0.699     | -0.072    | 3.478 | 0.016     | 0.013     | 0         | 55   | 56.3 | 34   | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 20   | 3      | 17     | 0.666     | -0.007    | 3.478 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 36.1 | 164        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 12  | 20   | 13     | 17     | 0.735     | -0.075    | 3.478 | 0.02      | 0.016     | 0         | 55   | 56.3 | 39.1 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 20   | 23     | 17     | 0.755     | -0.026    | 3.478 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 33.1 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 20   | 33     | 17     | 0.705     | -0.026    | 3.478 | 0.013     | 0.01      | 0         | 55   | 56.3 | 38.7 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 20   | 43     | 17     | 0.65      | -0.052    | 3.478 | 0.013     | 0.01      | 0         | 55   | 55.9 | 40.9 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 20   | 53     | 17     | 0.719     | -0.02     | 3.478 | 0.013     | 0.01      | 0         | 55   | 55.9 | 33.1 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 21   | 3      | 17     | 0.728     | -0.043    | 3.478 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 28.8 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 21   | 13     | 17     | 0.751     | -0.016    | 3.478 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 28.4 | 163        | 165        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 21   | 23     | 17     | 0.692     | -0.03     | 3.474 | 0.016     | 0.016     | 0         | 55   | 55.5 | 28.8 | 162        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 12  | 21   | 33     | 17     | 0.715     | -0.033    | 3.478 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 30.5 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 21   | 43     | 17     | 0.764     | -0.013    | 3.474 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 28   | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 21   | 53     | 17     | 0.748     | -0.023    | 3.474 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 30.1 | 161        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 12  | 22   | 3      | 17     | 0.768     | -0.033    | 3.474 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 29.2 | 161        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 12  | 22   | 13     | 17     | 0.709     | -0.049    | 3.474 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 28.4 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 22   | 23     | 17     | 0.755     | -0.036    | 3.474 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 28.4 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 22   | 33     | 17     | 0.705     | -0.043    | 3.474 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 28.4 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 22   | 43     | 17     | 0.748     | -0.016    | 3.474 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 30.1 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 22   | 53     | 17     | 0.712     | -0.02     | 3.474 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 27.5 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 23   | 3      | 17     | 0.689     | -0.036    | 3.474 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 28.4 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 23   | 13     | 17     | 0.725     | -0.016    | 3.474 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 29.2 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 23   | 23     | 17     | 0.738     | -0.016    | 3.474 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 28.4 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 12  | 23   | 33     | 17     | 0.761     | -0.02     | 3.471 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 29.2 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 12  | 23   | 43     | 17     | 0.764     | -0.03     | 3.474 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 29.7 | 162        | 164        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 23   | 53     | 17     | 0.758     | 0         | 3.474 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 28   | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 0    | 3      | 17     | 0.745     | -0.03     | 3.474 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 28.4 | 162        | 164        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 13  | 0    | 13     | 17     | 0.778     | -0.013    | 3.474 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 29.2 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 0    | 23     | 17     | 0.719     | -0.039    | 3.474 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 29.2 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 0    | 33     | 17     | 0.741     | -0.066    | 3.474 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 28.8 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 0    | 43     | 17     | 0.725     | 0         | 3.474 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 28.8 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 0    | 53     | 17     | 0.722     | -0.069    | 3.471 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 29.2 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 1    | 3      | 17     | 0.745     | -0.016    | 3.474 | 0.01      | 0.007     | 0         | 55   | 55.5 | 28.8 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 13  | 1    | 13     | 17     | 0.719     | 0         | 3.474 | 0.013     | 0.01      | 0         | 55   | 55.9 | 29.2 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 1    | 23     | 17     | 0.738     | -0.013    | 3.471 | 0.01      | 0.007     | 0         | 55   | 55.9 | 28   | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 1    | 33     | 17     | 0.771     | -0.02     | 3.474 | 0.013     | 0.01      | 0         | 55   | 55.5 | 28.8 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 13  | 1    | 43     | 17     | 0.755     | -0.03     | 3.471 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 28.4 | 163        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 13  | 1    | 53     | 17     | 0.699     | -0.059    | 3.471 | 0.016     | 0.013     | 0         | 55   | 55.5 | 28.8 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 13  | 2    | 3      | 17     | 0.686     | -0.046    | 3.471 | 0.016     | 0.013     | 0         | 55   | 56.3 | 28.8 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 2    | 13     | 17     | 0.784     | 0         | 3.471 | 0.013     | 0.01      | 0         | 55   | 55.9 | 29.2 | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 13  | 2    | 23     | 17     | 0.709     | -0.026    | 3.471 | 0.016     | 0.016     | 0         | 55   | 55.9 | 28.8 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 2    | 33     | 17     | 0.761     | 0         | 3.471 | 0.016     | 0.013     | 0         | 55   | 56.3 | 28.8 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 2    | 43     | 17     | 0.732     | -0.026    | 3.471 | 0.01      | 0.007     | 0         | 55   | 55.5 | 28   | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 13  | 2    | 53     | 17     | 0.728     | -0.062    | 3.471 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 29.7 | 163        | 165        | 0          | 34     | 36     |
| 2009 | 6     | 13  | 3    | 3      | 17     | 0.728     | -0.03     | 3.471 | 0.01      | 0.007     | 0         | 55   | 56.3 | 28.4 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 3    | 13     | 17     | 0.65      | -0.052    | 3.471 | 0.016     | 0.013     | 0         | 55   | 55.9 | 28.4 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 3    | 23     | 17     | 0.705     | -0.046    | 3.471 | 0.013     | 0.01      | 0         | 55   | 55.9 | 28   | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 3    | 33     | 17     | 0.673     | -0.056    | 3.471 | 0.016     | 0.016     | 0         | 55   | 55.5 | 28.4 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 13  | 3    | 43     | 17     | 0.745     | -0.046    | 3.471 | 0.016     | 0.013     | 0         | 55   | 55.9 | 29.2 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 3    | 53     | 17     | 0.712     | -0.049    | 3.471 | 0.01      | 0.007     | 0         | 55   | 55.9 | 29.2 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 4    | 3      | 17     | 0.738     | -0.03     | 3.471 | 0.013     | 0.01      | 0         | 55   | 55.9 | 28.4 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 4    | 13     | 17     | 0.656     | 0         | 3.468 | 0.016     | 0.013     | 0         | 55   | 55.9 | 28.8 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 4    | 23     | 17     | 0.702     | -0.062    | 3.471 | 0.013     | 0.01      | 0         | 55   | 55.9 | 28.4 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 4    | 33     | 17     | 0.702     | -0.049    | 3.468 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 27.5 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 4    | 43     | 17     | 0.719     | -0.026    | 3.468 | 0.016     | 0.013     | 0         | 55   | 55.5 | 28.8 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 13  | 4    | 53     | 17     | 0.676     | -0.02     | 3.471 | 0.016     | 0.013     | 0         | 55   | 55.5 | 29.7 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 13  | 5    | 3      | 17     | 0.692     | -0.052    | 3.468 | 0.016     | 0.013     | 0         | 55   | 56.3 | 28   | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 5    | 13     | 17     | 0.686     | -0.049    | 3.468 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 28.4 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 5    | 23     | 17     | 0.712     | -0.023    | 3.468 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 28.8 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 13  | 5    | 33     | 17     | 0.692     | -0.052    | 3.468 | 0.013     | 0.01      | 0         | 55   | 56.8 | 28   | 164        | 167        | 0          | 36     | 35     |
| 2009 | 6     | 13  | 5    | 43     | 17     | 0.774     | -0.01     | 3.468 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 28   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 5    | 53     | 17     | 0.659     | -0.026    | 3.468 | 0.016     | 0.013     | 0         | 55   | 56.3 | 28.8 | 164        | 166        | 0          | 36     | 35     |
| 2009 | 6     | 13  | 6    | 3      | 17     | 0.715     | -0.03     | 3.468 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 28.8 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 13  | 6    | 13     | 17     | 0.709     | -0.033    | 3.468 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 27.1 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 6    | 23     | 17     | 0.673     | -0.023    | 3.468 | 0.016     | 0.013     | 0         | 55   | 56.3 | 28   | 164        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 13  | 6    | 33     | 17     | 0.719     | -0.026    | 3.468 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 28.4 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 13  | 6    | 43     | 17     | 0.712     | -0.03     | 3.468 | 0.013     | 0.01      | 0         | 55   | 56.3 | 28.4 | 164        | 166        | 0          | 36     | 35     |
| 2009 | 6     | 13  | 6    | 53     | 17     | 0.682     | -0.079    | 3.468 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 28.8 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 7    | 3      | 17     | 0.725     | -0.043    | 3.468 | 0.016     | 0.013     | 0         | 55   | 55.9 | 29.2 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 7    | 13     | 17     | 0.722     | -0.062    | 3.468 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 28   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 7    | 23     | 17     | 0.689     | -0.062    | 3.468 | 0.013     | 0.01      | 0         | 55   | 55.9 | 29.7 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 7    | 33     | 17     | 0.764     | -0.01     | 3.468 | 0.013     | 0.01      | 0         | 55   | 56.3 | 28.8 | 164        | 166        | 0          | 36     | 35     |
| 2009 | 6     | 13  | 7    | 43     | 17     | 0.636     | -0.02     | 3.468 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 28   | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 13  | 7    | 53     | 17     | 0.755     | -0.033    | 3.468 | 0.016     | 0.016     | 0         | 55   | 56.3 | 28.4 | 164        | 166        | 0          | 36     | 35     |
| 2009 | 6     | 13  | 8    | 3      | 17     | 0.669     | -0.066    | 3.468 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 28.8 | 164        | 166        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 13  | 8    | 13     | 17     | 0.673     | -0.049    | 3.465 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 27.5 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 13  | 8    | 23     | 17     | 0.725     | -0.016    | 3.465 | 0.016     | 0.013     | 0         | 55   | 55.9 | 29.7 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 8    | 33     | 17     | 0.682     | -0.036    | 3.465 | 0.016     | 0.016     | 0         | 55   | 55.9 | 27.1 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 8    | 43     | 17     | 0.732     | 0.013     | 3.465 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 26.7 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 8    | 53     | 17     | 0.636     | -0.036    | 3.465 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 28   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 9    | 3      | 17     | 0.699     | -0.049    | 3.461 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 27.1 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 9    | 13     | 17     | 0.666     | -0.043    | 3.461 | 0.013     | 0.01      | 0         | 55   | 55.9 | 28   | 164        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 13  | 9    | 23     | 17     | 0.686     | -0.033    | 3.461 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 28.4 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 9    | 33     | 17     | 0.705     | 0         | 3.458 | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 28.4 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 9    | 43     | 17     | 0.686     | -0.026    | 3.458 | 0.016     | 0.013     | 0         | 55   | 56.3 | 28.4 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 9    | 53     | 17     | 0.738     | -0.03     | 3.458 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 28   | 164        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 10   | 3      | 17     | 0.62      | -0.033    | 3.458 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 28   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 10   | 13     | 17     | 0.673     | -0.049    | 3.455 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 28   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 10   | 23     | 17     | 0.725     | -0.003    | 3.455 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 28.8 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 10   | 33     | 17     | 0.699     | -0.033    | 3.455 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 28.4 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 13  | 10   | 43     | 17     | 0.636     | -0.03     | 3.455 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 28.8 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 10   | 53     | 17     | 0.62      | -0.082    | 3.455 | 0.013     | 0.01      | 0         | 55   | 55.9 | 29.2 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 11   | 3      | 17     | 0.643     | -0.069    | 3.451 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 29.2 | 163        | 165        | 0          | 36     | 35     |
| 2009 | 6     | 13  | 11   | 13     | 17     | 0.682     | -0.01     | 3.451 | 0.016     | 0.016     | 0         | 55   | 55.9 | 28   | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 11   | 23     | 17     | 0.653     | -0.03     | 3.451 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 28.8 | 164        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 13  | 11   | 33     | 17     | 0.673     | -0.026    | 3.458 | 0.01      | 0.007     | 0         | 55   | 55.9 | 41.7 | 164        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 13  | 11   | 43     | 17     | 0.689     | -0.036    | 3.451 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 29.2 | 165        | 166        | 0          | 36     | 35     |
| 2009 | 6     | 13  | 11   | 53     | 17     | 0.676     | -0.082    | 3.455 | 0.013     | 0.01      | 0         | 56.3 | 57.2 | 30.1 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 12   | 3      | 17     | 0.666     | -0.01     | 3.458 | 0.013     | 0.01      | 0         | 56.3 | 56.8 | 40.9 | 166        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 12   | 13     | 17     | 0.725     | -0.033    | 3.451 | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 31.8 | 165        | 167        | 0          | 36     | 35     |
| 2009 | 6     | 13  | 12   | 23     | 17     | 0.653     | -0.03     | 3.451 | 0.01      | 0.007     | 0         | 55.9 | 56.3 | 31   | 165        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 12   | 33     | 17     | 0.64      | -0.066    | 3.451 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 29.2 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 12   | 43     | 17     | 0.627     | -0.049    | 3.451 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 28.8 | 165        | 168        | 0          | 35     | 36     |
| 2009 | 6     | 13  | 12   | 53     | 17     | 0.617     | -0.075    | 3.451 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 28.8 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 13   | 3      | 17     | 0.659     | -0.033    | 3.451 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 30.1 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 13  | 13   | 13     | 17     | 0.696     | -0.033    | 3.451 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 32.3 | 165        | 167        | 0          | 36     | 35     |
| 2009 | 6     | 13  | 13   | 23     | 17     | 0.686     | -0.039    | 3.451 | 0.013     | 0.01      | 0         | 56.3 | 56.8 | 33.1 | 165        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 13  | 13   | 33     | 17     | 0.656     | -0.01     | 3.455 | 0.016     | 0.013     | 0         | 56.3 | 57.2 | 39.1 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 13   | 43     | 17     | 0.636     | -0.013    | 3.455 | 0.013     | 0.01      | 0         | 56.3 | 56.8 | 43.9 | 166        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 13   | 53     | 17     | 0.699     | -0.016    | 3.451 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 35.3 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 14   | 3      | 17     | 0.669     | -0.046    | 3.451 | 0.016     | 0.016     | 0         | 55.9 | 56.3 | 33.5 | 165        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 14   | 13     | 17     | 0.653     | -0.023    | 3.451 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 29.7 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 14   | 23     | 17     | 0.692     | 0         | 3.451 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 31   | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 14   | 33     | 17     | 0.699     | -0.03     | 3.455 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 39.6 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 14   | 43     | 17     | 0.65      | -0.079    | 3.451 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 29.7 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 14   | 53     | 17     | 0.669     | -0.066    | 3.451 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 35.7 | 165        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 15   | 3      | 17     | 0.676     | -0.033    | 3.451 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 30.1 | 165        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 13  | 15   | 13     | 17     | 0.666     | -0.016    | 3.455 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 41.3 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 15   | 23     | 17     | 0.646     | -0.043    | 3.455 | 0.013     | 0.01      | 0         | 56.3 | 57.2 | 39.6 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 15   | 33     | 17     | 0.643     | -0.033    | 3.455 | 0.01      | 0.007     | 0         | 56.8 | 56.8 | 35.7 | 166        | 168        | 0          | 34     | 36     |
| 2009 | 6     | 13  | 15   | 43     | 17     | 0.692     | -0.03     | 3.455 | 0.016     | 0.013     | 0         | 56.8 | 57.6 | 44.3 | 167        | 169        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 15   | 53     | 17     | 0.732     | -0.023    | 3.455 | 0.013     | 0.01      | 0         | 57.2 | 58   | 49   | 167        | 169        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 16   | 3      | 17     | 0.748     | 0         | 3.455 | 0.013     | 0.01      | 0         | 56.3 | 57.2 | 42.1 | 166        | 168        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 13  | 16   | 13     | 17     | 0.735     | -0.02     | 3.451 | 0.016     | 0.013     | 0         | 56.3 | 57.2 | 32.7 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 16   | 23     | 17     | 0.692     | -0.046    | 3.451 | 0.016     | 0.013     | 0         | 56.3 | 57.2 | 39.6 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 16   | 33     | 17     | 0.636     | -0.082    | 3.455 | 0.016     | 0.013     | 0         | 56.3 | 57.2 | 46.4 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 16   | 43     | 17     | 0.787     | -0.016    | 3.455 | 0.01      | 0.007     | 0         | 55.9 | 56.8 | 46.9 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 16   | 53     | 17     | 0.732     | -0.016    | 3.451 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 39.1 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 17   | 3      | 17     | 0.659     | -0.046    | 3.451 | 0.013     | 0.01      | 0         | 56.3 | 56.8 | 40.4 | 166        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 17   | 13     | 17     | 0.656     | -0.059    | 3.451 | 0.013     | 0.01      | 0         | 56.3 | 56.8 | 36.1 | 165        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 13  | 17   | 23     | 17     | 0.656     | -0.049    | 3.448 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 31   | 164        | 166        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 17   | 33     | 17     | 0.705     | -0.023    | 3.448 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 29.7 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 17   | 43     | 17     | 0.689     | -0.003    | 3.448 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 29.2 | 164        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 13  | 17   | 53     | 17     | 0.679     | -0.02     | 3.448 | 0.01      | 0.007     | 0         | 55.9 | 56.3 | 29.7 | 164        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 13  | 18   | 3      | 17     | 0.659     | -0.03     | 3.448 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 29.7 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 18   | 13     | 17     | 0.722     | -0.046    | 3.448 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 28.8 | 164        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 13  | 18   | 23     | 17     | 0.673     | -0.069    | 3.448 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 30.5 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 13  | 18   | 33     | 17     | 0.699     | -0.03     | 3.448 | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 30.1 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 18   | 43     | 17     | 0.64      | -0.098    | 3.448 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 29.7 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 18   | 53     | 17     | 0.673     | -0.043    | 3.445 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 29.7 | 164        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 13  | 19   | 3      | 17     | 0.732     | -0.039    | 3.445 | 0.01      | 0.007     | 0         | 55.5 | 56.8 | 29.7 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 19   | 13     | 17     | 0.719     | -0.036    | 3.445 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 30.1 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 19   | 23     | 17     | 0.725     | -0.023    | 3.445 | 0.016     | 0.013     | 0         | 56.3 | 57.2 | 42.6 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 19   | 33     | 17     | 0.702     | -0.066    | 3.445 | 0.016     | 0.013     | 0         | 57.2 | 58   | 35.3 | 168        | 170        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 19   | 43     | 17     | 0.705     | -0.059    | 3.445 | 0.016     | 0.016     | 0         | 58   | 58.9 | 37.8 | 170        | 172        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 19   | 53     | 17     | 0.728     | -0.02     | 3.448 | 0.013     | 0.01      | 0         | 57.6 | 58.5 | 31.8 | 169        | 171        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 20   | 3      | 17     | 0.705     | -0.036    | 3.445 | 0.01      | 0.007     | 0         | 57.2 | 58.5 | 30.5 | 168        | 171        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 20   | 13     | 17     | 0.696     | -0.043    | 3.448 | 0.013     | 0.01      | 0         | 57.6 | 58.5 | 32.3 | 169        | 171        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 20   | 23     | 17     | 0.679     | -0.003    | 3.448 | 0.013     | 0.01      | 0         | 57.6 | 58   | 31   | 168        | 170        | 0          | 34     | 35     |
| 2009 | 6     | 13  | 20   | 33     | 17     | 0.646     | -0.036    | 3.445 | 0.013     | 0.01      | 0         | 56.8 | 57.6 | 30.1 | 167        | 169        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 20   | 43     | 17     | 0.686     | -0.01     | 3.448 | 0.013     | 0.01      | 0         | 56.3 | 57.6 | 30.5 | 167        | 169        | 0          | 36     | 35     |
| 2009 | 6     | 13  | 20   | 53     | 17     | 0.682     | -0.062    | 3.448 | 0.016     | 0.013     | 0         | 56.8 | 57.6 | 31   | 167        | 169        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 21   | 3      | 17     | 0.702     | 0.013     | 3.448 | 0.016     | 0.013     | 0         | 56.3 | 57.2 | 30.5 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 21   | 13     | 17     | 0.738     | -0.02     | 3.445 | 0.016     | 0.013     | 0         | 56.3 | 57.2 | 30.5 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 21   | 23     | 17     | 0.656     | -0.066    | 3.445 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 29.2 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 21   | 33     | 17     | 0.692     | -0.033    | 3.445 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 30.1 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 21   | 43     | 17     | 0.715     | -0.007    | 3.448 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 30.5 | 164        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 13  | 21   | 53     | 17     | 0.686     | -0.003    | 3.445 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 29.7 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 22   | 3      | 17     | 0.712     | -0.026    | 3.445 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 31   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 22   | 13     | 17     | 0.656     | -0.066    | 3.445 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 32.3 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 22   | 23     | 17     | 0.669     | -0.039    | 3.445 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 30.1 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 13  | 22   | 33     | 17     | 0.745     | -0.059    | 3.445 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 29.2 | 164        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 13  | 22   | 43     | 17     | 0.719     | -0.01     | 3.445 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 28   | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 22   | 53     | 17     | 0.748     | -0.062    | 3.442 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 30.5 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 23   | 3      | 17     | 0.702     | -0.072    | 3.442 | 0.016     | 0.016     | 0         | 55   | 56.3 | 31   | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 23   | 13     | 17     | 0.738     | -0.052    | 3.442 | 0.01      | 0.007     | 0         | 55.5 | 56.8 | 30.1 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 23   | 23     | 17     | 0.732     | -0.016    | 3.442 | 0.016     | 0.013     | 0         | 56.3 | 56.8 | 30.1 | 165        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 13  | 23   | 33     | 17     | 0.715     | -0.059    | 3.442 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 31.8 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 23   | 43     | 17     | 0.705     | -0.052    | 3.442 | 0.016     | 0.016     | 0         | 55.9 | 56.8 | 28.8 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 13  | 23   | 53     | 17     | 0.699     | -0.02     | 3.442 | 0.016     | 0.016     | 0         | 56.3 | 56.8 | 28   | 165        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 14  | 0    | 3      | 17     | 0.719     | -0.056    | 3.442 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 29.7 | 165        | 167        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 14  | 0    | 13     | 17     | 0.741     | -0.039    | 3.442 | 0.016     | 0.013     | 0         | 56.3 | 57.2 | 29.2 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 0    | 23     | 17     | 0.676     | -0.062    | 3.442 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 30.5 | 165        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 14  | 0    | 33     | 17     | 0.728     | -0.072    | 3.442 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 29.2 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 0    | 43     | 17     | 0.725     | -0.062    | 3.442 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 29.2 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 0    | 53     | 17     | 0.722     | -0.02     | 3.442 | 0.01      | 0.007     | 0         | 55.9 | 56.8 | 29.7 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 1    | 3      | 17     | 0.751     | -0.049    | 3.442 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 31   | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 1    | 13     | 17     | 0.659     | -0.082    | 3.438 | 0.01      | 0.007     | 0         | 55.9 | 56.8 | 29.2 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 1    | 23     | 17     | 0.712     | -0.072    | 3.442 | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 29.7 | 165        | 167        | 0          | 34     | 36     |
| 2009 | 6     | 14  | 1    | 33     | 17     | 0.751     | -0.062    | 3.438 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 28.8 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 1    | 43     | 17     | 0.679     | -0.052    | 3.442 | 0.016     | 0.013     | 0         | 56.3 | 56.8 | 29.7 | 165        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 14  | 1    | 53     | 17     | 0.732     | -0.003    | 3.438 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 30.5 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 2    | 3      | 17     | 0.728     | -0.03     | 3.438 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 28.8 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 2    | 13     | 17     | 0.696     | -0.059    | 3.438 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 28.4 | 165        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 2    | 23     | 17     | 0.735     | -0.082    | 3.438 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 29.7 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 2    | 33     | 17     | 0.692     | -0.066    | 3.438 | 0.016     | 0.013     | 0         | 55.9 | 57.2 | 28.8 | 165        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 2    | 43     | 17     | 0.741     | -0.066    | 3.438 | 0.01      | 0.007     | 0         | 55.9 | 56.8 | 29.7 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 2    | 53     | 17     | 0.702     | -0.046    | 3.438 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 29.2 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 3    | 3      | 17     | 0.758     | -0.02     | 3.438 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 29.7 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 3    | 13     | 17     | 0.722     | -0.043    | 3.438 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 28   | 165        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 3    | 23     | 17     | 0.735     | -0.049    | 3.438 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 29.2 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 3    | 33     | 17     | 0.758     | -0.052    | 3.438 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 28.4 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 3    | 43     | 17     | 0.758     | -0.026    | 3.438 | 0.016     | 0.016     | 0         | 55.9 | 56.8 | 28.4 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 3    | 53     | 17     | 0.709     | -0.069    | 3.438 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 29.2 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 4    | 3      | 17     | 0.692     | -0.049    | 3.438 | 0.016     | 0.016     | 0         | 55   | 56.3 | 28.4 | 164        | 166        | 0          | 36     | 35     |
| 2009 | 6     | 14  | 4    | 13     | 17     | 0.702     | -0.079    | 3.438 | 0.016     | 0.013     | 0         | 56.3 | 56.8 | 30.1 | 165        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 14  | 4    | 23     | 17     | 0.719     | -0.046    | 3.438 | 0.016     | 0.016     | 0         | 55.9 | 56.3 | 28.4 | 165        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 14  | 4    | 33     | 17     | 0.738     | -0.039    | 3.438 | 0.01      | 0.007     | 0         | 55.5 | 56.8 | 28.8 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 4    | 43     | 17     | 0.755     | 0         | 3.438 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 29.2 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 4    | 53     | 17     | 0.722     | -0.062    | 3.438 | 0.01      | 0.007     | 0         | 55.9 | 56.8 | 29.7 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 5    | 3      | 17     | 0.676     | -0.069    | 3.438 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 28.4 | 165        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 14  | 5    | 13     | 17     | 0.719     | -0.007    | 3.438 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 29.7 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 5    | 23     | 17     | 0.709     | -0.043    | 3.438 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 28.8 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 5    | 33     | 17     | 0.741     | -0.052    | 3.438 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 29.2 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 14  | 5    | 43     | 17     | 0.738     | -0.007    | 3.438 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 28.4 | 165        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 14  | 5    | 53     | 17     | 0.725     | -0.026    | 3.438 | 0.02      | 0.016     | 0         | 55.5 | 56.3 | 29.2 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 6    | 3      | 17     | 0.702     | -0.023    | 3.438 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 29.2 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 6    | 13     | 17     | 0.712     | 0.023     | 3.438 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 29.2 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 6    | 23     | 17     | 0.745     | -0.03     | 3.438 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 28.8 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 6    | 33     | 17     | 0.666     | -0.033    | 3.438 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 28.8 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 14  | 6    | 43     | 17     | 0.751     | -0.039    | 3.438 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 28.8 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 6    | 53     | 17     | 0.682     | -0.03     | 3.438 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 28   | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 14  | 7    | 3      | 17     | 0.653     | -0.046    | 3.438 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 28.4 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 7    | 13     | 17     | 0.715     | -0.046    | 3.438 | 0.016     | 0.013     | 0         | 55   | 55.9 | 28.8 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 7    | 23     | 17     | 0.682     | -0.046    | 3.435 | 0.01      | 0.007     | 0         | 55   | 56.3 | 28   | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 7    | 33     | 17     | 0.682     | -0.052    | 3.438 | 0.016     | 0.013     | 0         | 55   | 55.5 | 28   | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 14  | 7    | 43     | 17     | 0.702     | -0.059    | 3.435 | 0.016     | 0.013     | 0         | 55   | 55.5 | 27.5 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 14  | 7    | 53     | 17     | 0.702     | -0.033    | 3.435 | 0.013     | 0.01      | 0         | 55   | 55.5 | 27.5 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 14  | 8    | 3      | 17     | 0.715     | -0.066    | 3.435 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 27.1 | 161        | 165        | 0          | 35     | 36     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 14  | 8    | 13     | 17     | 0.732     | -0.013    | 3.435 | 0.016     | 0.016     | 0         | 54.6 | 55.9 | 31   | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 8    | 23     | 17     | 0.709     | -0.033    | 3.438 | 0.01      | 0.007     | 0         | 55   | 55.5 | 29.7 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 14  | 8    | 33     | 17     | 0.735     | -0.036    | 3.438 | 0.01      | 0.007     | 0         | 55   | 55.9 | 29.2 | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 14  | 8    | 43     | 17     | 0.696     | -0.046    | 3.435 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 28.4 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 8    | 53     | 17     | 0.692     | -0.066    | 3.438 | 0.02      | 0.016     | 0         | 55.5 | 55.9 | 29.2 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 14  | 9    | 3      | 17     | 0.705     | -0.066    | 3.435 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 28.4 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 9    | 13     | 17     | 0.659     | -0.049    | 3.435 | 0.013     | 0.01      | 0         | 55   | 56.3 | 29.2 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 9    | 23     | 17     | 0.692     | 0.003     | 3.435 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 28.8 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 9    | 33     | 17     | 0.666     | -0.049    | 3.435 | 0.016     | 0.013     | 0         | 55   | 55.9 | 29.2 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 9    | 43     | 17     | 0.663     | -0.033    | 3.435 | 0.013     | 0.01      | 0         | 55   | 55.5 | 30.1 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 14  | 9    | 53     | 17     | 0.682     | -0.043    | 3.438 | 0.016     | 0.013     | 0         | 55   | 55.5 | 29.7 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 14  | 10   | 3      | 17     | 0.646     | -0.049    | 3.438 | 0.016     | 0.013     | 0         | 55   | 55.9 | 29.7 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 10   | 13     | 17     | 0.719     | 0         | 3.438 | 0.016     | 0.013     | 0         | 55   | 55.9 | 29.2 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 10   | 23     | 17     | 0.63      | -0.033    | 3.435 | 0.01      | 0.007     | 0         | 55   | 55.9 | 29.2 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 10   | 33     | 17     | 0.741     | -0.036    | 3.438 | 0.016     | 0.016     | 0         | 55   | 55.5 | 30.5 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 14  | 10   | 43     | 17     | 0.722     | -0.016    | 3.435 | 0.016     | 0.013     | 0         | 54.6 | 55   | 29.2 | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 14  | 10   | 53     | 17     | 0.705     | -0.036    | 3.438 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 28.8 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 11   | 3      | 17     | 0.682     | -0.036    | 3.435 | 0.016     | 0.013     | 0         | 55   | 55.9 | 30.1 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 11   | 13     | 17     | 0.715     | -0.026    | 3.435 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 30.1 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 11   | 23     | 17     | 0.666     | -0.01     | 3.435 | 0.016     | 0.013     | 0         | 55   | 55.9 | 28.8 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 11   | 33     | 17     | 0.689     | -0.003    | 3.438 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 31.4 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 11   | 43     | 17     | 0.646     | -0.013    | 3.438 | 0.016     | 0.013     | 0         | 55   | 55.9 | 32.3 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 11   | 53     | 17     | 0.663     | -0.023    | 3.435 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 29.7 | 163        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 14  | 12   | 3      | 17     | 0.679     | -0.03     | 3.435 | 0.016     | 0.013     | 0         | 55   | 55.5 | 34.4 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 14  | 12   | 13     | 17     | 0.65      | -0.075    | 3.435 | 0.016     | 0.013     | 0         | 55   | 55.9 | 29.2 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 12   | 23     | 17     | 0.699     | -0.02     | 3.435 | 0.016     | 0.016     | 0         | 55   | 55.9 | 29.7 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 12   | 33     | 17     | 0.653     | -0.03     | 3.435 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 34   | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 12   | 43     | 17     | 0.663     | -0.062    | 3.432 | 0.016     | 0.013     | 0         | 55   | 55.5 | 30.5 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 14  | 12   | 53     | 17     | 0.709     | -0.062    | 3.432 | 0.016     | 0.013     | 0         | 55   | 56.3 | 29.7 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 13   | 3      | 17     | 0.61      | -0.072    | 3.432 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 31   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 13   | 13     | 17     | 0.663     | -0.049    | 3.432 | 0.01      | 0.007     | 0         | 55   | 55.9 | 28.8 | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 14  | 13   | 23     | 17     | 0.607     | -0.069    | 3.432 | 0.013     | 0.01      | 0         | 55   | 55.9 | 28.4 | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 14  | 13   | 33     | 17     | 0.646     | -0.043    | 3.432 | 0.016     | 0.016     | 0         | 55   | 55.9 | 29.2 | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 14  | 13   | 43     | 17     | 0.656     | -0.043    | 3.428 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 32.3 | 164        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 14  | 13   | 53     | 17     | 0.584     | -0.043    | 3.428 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 33.1 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 14   | 3      | 17     | 0.676     | -0.016    | 3.428 | 0.016     | 0.013     | 0         | 55   | 56.3 | 31.4 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 14   | 13     | 17     | 0.646     | -0.02     | 3.425 | 0.01      | 0.007     | 0         | 55.5 | 56.8 | 29.7 | 164        | 166        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 14   | 23     | 17     | 0.656     | -0.016    | 3.425 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 30.1 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 14   | 33     | 17     | 0.584     | -0.043    | 3.428 | 0.016     | 0.016     | 0         | 55   | 55.9 | 34.8 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 14   | 43     | 17     | 0.633     | -0.052    | 3.425 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 29.2 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 14   | 53     | 17     | 0.591     | -0.026    | 3.428 | 0.016     | 0.013     | 0         | 55   | 56.3 | 36.5 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 15   | 3      | 17     | 0.663     | -0.043    | 3.425 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 32.7 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 15   | 13     | 17     | 0.653     | -0.033    | 3.425 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 29.2 | 164        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 14  | 15   | 23     | 17     | 0.712     | -0.01     | 3.428 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 42.6 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 15   | 33     | 17     | 0.709     | -0.003    | 3.425 | 0.016     | 0.016     | 0         | 55.5 | 56.8 | 34.4 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 15   | 43     | 17     | 0.636     | -0.056    | 3.425 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 36.1 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 15   | 53     | 17     | 0.699     | -0.062    | 3.425 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 31   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 16   | 3      | 17     | 0.673     | -0.023    | 3.425 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 30.1 | 164        | 166        | 0          | 35     | 35     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 14  | 16   | 13     | 17     | 0.725     | 0.003     | 3.425 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 32.7 | 164        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 14  | 16   | 23     | 17     | 0.679     | -0.052    | 3.422 | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 29.2 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 16   | 33     | 17     | 0.63      | -0.085    | 3.425 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 30.1 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 16   | 43     | 17     | 0.673     | -0.066    | 3.425 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 36.1 | 164        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 14  | 16   | 53     | 17     | 0.686     | -0.043    | 3.422 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 29.2 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 17   | 3      | 17     | 0.682     | -0.082    | 3.422 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 28.8 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 17   | 13     | 17     | 0.656     | -0.056    | 3.425 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 31   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 17   | 23     | 17     | 0.607     | -0.026    | 3.425 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 29.7 | 164        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 14  | 17   | 33     | 17     | 0.702     | -0.043    | 3.422 | 0.016     | 0.013     | 0         | 55   | 56.8 | 29.7 | 163        | 166        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 17   | 43     | 17     | 0.676     | -0.056    | 3.425 | 0.01      | 0.007     | 0         | 55.9 | 56.3 | 30.1 | 164        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 14  | 17   | 53     | 17     | 0.659     | -0.052    | 3.425 | 0.016     | 0.013     | 0         | 55   | 56.3 | 30.1 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 18   | 3      | 17     | 0.702     | -0.02     | 3.422 | 0.013     | 0.01      | 0         | 55   | 56.3 | 28.8 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 18   | 13     | 17     | 0.722     | 0.013     | 3.425 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 30.1 | 163        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 14  | 18   | 23     | 17     | 0.673     | -0.046    | 3.425 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 29.2 | 163        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 14  | 18   | 33     | 17     | 0.65      | -0.033    | 3.422 | 0.02      | 0.016     | 0         | 55   | 56.8 | 29.2 | 163        | 166        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 18   | 43     | 17     | 0.696     | -0.003    | 3.425 | 0.016     | 0.013     | 0         | 55   | 55.9 | 29.2 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 18   | 53     | 17     | 0.633     | -0.033    | 3.422 | 0.013     | 0.01      | 0         | 55   | 55.9 | 30.1 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 19   | 3      | 17     | 0.699     | -0.03     | 3.422 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 29.2 | 163        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 14  | 19   | 13     | 17     | 0.728     | -0.003    | 3.422 | 0.013     | 0.01      | 0         | 55   | 55.5 | 29.2 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 14  | 19   | 23     | 17     | 0.682     | -0.039    | 3.422 | 0.016     | 0.016     | 0         | 55   | 55.9 | 29.7 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 19   | 33     | 17     | 0.705     | -0.049    | 3.422 | 0.013     | 0.01      | 0         | 55   | 55.9 | 28.8 | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 14  | 19   | 43     | 17     | 0.699     | -0.033    | 3.425 | 0.013     | 0.01      | 0         | 55   | 55.9 | 30.5 | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 14  | 19   | 53     | 17     | 0.633     | -0.03     | 3.425 | 0.016     | 0.013     | 0         | 55   | 55.9 | 28.4 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 20   | 3      | 17     | 0.666     | -0.056    | 3.425 | 0.016     | 0.016     | 0         | 55   | 55.9 | 29.7 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 20   | 13     | 17     | 0.709     | -0.033    | 3.422 | 0.016     | 0.013     | 0         | 55   | 56.8 | 29.2 | 163        | 166        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 20   | 23     | 17     | 0.682     | -0.046    | 3.425 | 0.02      | 0.016     | 0         | 55   | 55.9 | 29.7 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 20   | 33     | 17     | 0.764     | -0.046    | 3.425 | 0.013     | 0.01      | 0         | 55   | 56.3 | 29.2 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 20   | 43     | 17     | 0.761     | 0         | 3.425 | 0.013     | 0.01      | 0         | 55   | 56.3 | 28.8 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 20   | 53     | 17     | 0.722     | -0.026    | 3.425 | 0.016     | 0.016     | 0         | 55   | 55.9 | 29.2 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 21   | 3      | 17     | 0.696     | -0.043    | 3.425 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 30.1 | 163        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 14  | 21   | 13     | 17     | 0.755     | -0.059    | 3.425 | 0.01      | 0.007     | 0         | 55   | 56.3 | 28.8 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 21   | 23     | 17     | 0.709     | -0.03     | 3.425 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 30.1 | 163        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 14  | 21   | 33     | 17     | 0.715     | -0.007    | 3.425 | 0.016     | 0.013     | 0         | 55   | 55.9 | 28.4 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 21   | 43     | 17     | 0.722     | -0.013    | 3.425 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 29.7 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 21   | 53     | 17     | 0.699     | 0         | 3.425 | 0.016     | 0.016     | 0         | 55   | 55.9 | 29.7 | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 14  | 22   | 3      | 17     | 0.719     | -0.026    | 3.425 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 28.8 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 22   | 13     | 17     | 0.689     | -0.033    | 3.425 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 29.2 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 22   | 23     | 17     | 0.722     | -0.02     | 3.425 | 0.013     | 0.01      | 0         | 55   | 55.5 | 28.8 | 162        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 14  | 22   | 33     | 17     | 0.719     | -0.039    | 3.425 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 30.1 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 22   | 43     | 17     | 0.774     | 0         | 3.425 | 0.016     | 0.013     | 0         | 55   | 55.9 | 29.2 | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 14  | 22   | 53     | 17     | 0.778     | -0.033    | 3.425 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 29.7 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 23   | 3      | 17     | 0.725     | -0.007    | 3.425 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 29.2 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 23   | 13     | 17     | 0.719     | -0.059    | 3.425 | 0.013     | 0.01      | 0         | 54.6 | 55   | 28.8 | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 14  | 23   | 23     | 17     | 0.761     | -0.049    | 3.425 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 29.2 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 23   | 33     | 17     | 0.682     | -0.03     | 3.428 | 0.01      | 0.007     | 0         | 54.2 | 55.5 | 28.4 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 23   | 43     | 17     | 0.709     | 0         | 3.425 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 29.2 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 14  | 23   | 53     | 17     | 0.709     | -0.072    | 3.425 | 0.016     | 0.013     | 0         | 55   | 55.9 | 29.2 | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 15  | 0    | 3      | 17     | 0.751     | -0.026    | 3.428 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 28.4 | 161        | 164        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 15  | 0    | 13     | 17     | 0.725     | 0         | 3.428 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 28.4 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 0    | 23     | 17     | 0.728     | -0.016    | 3.428 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 28.8 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 0    | 33     | 17     | 0.696     | -0.026    | 3.428 | 0.016     | 0.013     | 0         | 55   | 55.5 | 28.8 | 162        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 15  | 0    | 43     | 17     | 0.656     | -0.03     | 3.428 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 28.8 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 0    | 53     | 17     | 0.748     | -0.036    | 3.432 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 27.1 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 1    | 3      | 17     | 0.656     | -0.059    | 3.432 | 0.01      | 0.007     | 0         | 54.2 | 55.5 | 28   | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 1    | 13     | 17     | 0.673     | -0.052    | 3.428 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 28.4 | 162        | 164        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 1    | 23     | 17     | 0.715     | -0.013    | 3.428 | 0.016     | 0.013     | 0         | 54.6 | 56.3 | 28   | 162        | 165        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 1    | 33     | 17     | 0.709     | -0.03     | 3.432 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 28.4 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 1    | 43     | 17     | 0.728     | -0.016    | 3.432 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 28   | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 1    | 53     | 17     | 0.705     | -0.033    | 3.432 | 0.016     | 0.016     | 0         | 54.6 | 55.9 | 28   | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 2    | 3      | 17     | 0.696     | -0.036    | 3.435 | 0.016     | 0.016     | 0         | 55   | 55.5 | 28.8 | 162        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 15  | 2    | 13     | 17     | 0.702     | -0.039    | 3.432 | 0.016     | 0.016     | 0         | 55   | 55.9 | 28   | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 15  | 2    | 23     | 17     | 0.692     | -0.016    | 3.435 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 27.5 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 2    | 33     | 17     | 0.719     | -0.03     | 3.435 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 29.2 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 2    | 43     | 17     | 0.735     | 0         | 3.435 | 0.013     | 0.01      | 0         | 55   | 55.9 | 28.8 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 2    | 53     | 17     | 0.689     | -0.016    | 3.438 | 0.016     | 0.016     | 0         | 54.6 | 55.9 | 29.2 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 3    | 3      | 17     | 0.735     | -0.039    | 3.435 | 0.013     | 0.01      | 0         | 54.6 | 56.3 | 29.2 | 162        | 165        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 3    | 13     | 17     | 0.751     | -0.046    | 3.435 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 29.2 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 3    | 23     | 17     | 0.715     | -0.043    | 3.435 | 0.013     | 0.01      | 0         | 55   | 55.9 | 29.7 | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 15  | 3    | 33     | 17     | 0.712     | -0.033    | 3.438 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 28.8 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 3    | 43     | 17     | 0.676     | -0.049    | 3.435 | 0.016     | 0.013     | 0         | 55   | 55.9 | 29.2 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 3    | 53     | 17     | 0.794     | -0.03     | 3.438 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 29.2 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 4    | 3      | 17     | 0.699     | -0.02     | 3.438 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 29.2 | 163        | 165        | 0          | 36     | 35     |
| 2009 | 6     | 15  | 4    | 13     | 17     | 0.673     | -0.049    | 3.435 | 0.01      | 0.007     | 0         | 55   | 55.9 | 28.4 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 4    | 23     | 17     | 0.768     | -0.033    | 3.438 | 0.013     | 0.01      | 0         | 55   | 55.5 | 29.2 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 15  | 4    | 33     | 17     | 0.719     | -0.072    | 3.438 | 0.013     | 0.01      | 0         | 55   | 55.9 | 29.2 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 4    | 43     | 17     | 0.725     | -0.01     | 3.438 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 30.1 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 4    | 53     | 17     | 0.709     | 0.007     | 3.438 | 0.01      | 0.007     | 0         | 55   | 56.3 | 29.2 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 5    | 3      | 17     | 0.719     | -0.013    | 3.438 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 29.2 | 163        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 15  | 5    | 13     | 17     | 0.751     | -0.039    | 3.438 | 0.01      | 0.007     | 0         | 55   | 56.3 | 28.8 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 5    | 23     | 17     | 0.728     | -0.023    | 3.438 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 29.2 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 5    | 33     | 17     | 0.673     | -0.062    | 3.438 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 29.7 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 5    | 43     | 17     | 0.748     | -0.049    | 3.438 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 28.8 | 164        | 166        | 0          | 34     | 36     |
| 2009 | 6     | 15  | 5    | 53     | 17     | 0.705     | -0.016    | 3.438 | 0.016     | 0.016     | 0         | 55   | 56.3 | 29.7 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 6    | 3      | 17     | 0.676     | -0.016    | 3.438 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 29.2 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 15  | 6    | 13     | 17     | 0.682     | -0.003    | 3.438 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 29.2 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 6    | 23     | 17     | 0.705     | -0.003    | 3.438 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 30.1 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 6    | 33     | 17     | 0.636     | -0.039    | 3.442 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 28.8 | 164        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 15  | 6    | 43     | 17     | 0.686     | -0.013    | 3.438 | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 28.8 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 6    | 53     | 17     | 0.709     | -0.043    | 3.438 | 0.016     | 0.013     | 0         | 55   | 56.8 | 30.1 | 164        | 167        | 0          | 36     | 35     |
| 2009 | 6     | 15  | 7    | 3      | 17     | 0.755     | -0.049    | 3.438 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 29.7 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 7    | 13     | 17     | 0.686     | -0.033    | 3.438 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 28   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 7    | 23     | 17     | 0.712     | -0.03     | 3.442 | 0.013     | 0.01      | 0         | 55   | 55.9 | 28.8 | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 15  | 7    | 33     | 17     | 0.735     | 0.007     | 3.438 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 30.5 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 7    | 43     | 17     | 0.653     | -0.095    | 3.438 | 0.016     | 0.013     | 0         | 55   | 56.3 | 29.7 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 7    | 53     | 17     | 0.656     | -0.039    | 3.438 | 0.01      | 0.007     | 0         | 55.9 | 56.3 | 29.7 | 164        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 15  | 8    | 3      | 17     | 0.692     | -0.049    | 3.438 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 28.8 | 164        | 166        | 0          | 35     | 36     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 15  | 8    | 13     | 17     | 0.669     | -0.023    | 3.438 | 0.013     | 0.01      | 0         | 54.6 | 56.3 | 30.5 | 163        | 166        | 0          | 36     | 35     |
| 2009 | 6     | 15  | 8    | 23     | 17     | 0.682     | -0.066    | 3.438 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 29.2 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 8    | 33     | 17     | 0.659     | -0.052    | 3.438 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 30.1 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 15  | 8    | 43     | 17     | 0.689     | -0.023    | 3.442 | 0.016     | 0.016     | 0         | 55   | 55.9 | 29.7 | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 15  | 8    | 53     | 17     | 0.676     | -0.033    | 3.442 | 0.016     | 0.013     | 0         | 54.6 | 56.3 | 29.7 | 163        | 166        | 0          | 36     | 35     |
| 2009 | 6     | 15  | 9    | 3      | 17     | 0.682     | -0.049    | 3.442 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 29.7 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 9    | 13     | 17     | 0.705     | -0.046    | 3.442 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 28.8 | 164        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 15  | 9    | 23     | 17     | 0.646     | -0.056    | 3.442 | 0.013     | 0.01      | 0         | 55   | 55.9 | 28.8 | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 15  | 9    | 33     | 17     | 0.676     | -0.026    | 3.442 | 0.01      | 0.007     | 0         | 55.9 | 56.3 | 29.7 | 164        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 15  | 9    | 43     | 17     | 0.659     | -0.033    | 3.442 | 0.013     | 0.01      | 0         | 55   | 56.3 | 30.1 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 9    | 53     | 17     | 0.682     | -0.049    | 3.442 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 29.2 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 15  | 10   | 3      | 17     | 0.689     | -0.036    | 3.442 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 30.1 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 15  | 10   | 13     | 17     | 0.636     | -0.039    | 3.442 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 30.1 | 163        | 165        | 0          | 36     | 35     |
| 2009 | 6     | 15  | 10   | 23     | 17     | 0.659     | -0.02     | 3.442 | 0.016     | 0.013     | 0         | 55   | 56.3 | 29.7 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 10   | 33     | 17     | 0.659     | -0.059    | 3.442 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 31.4 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 10   | 43     | 17     | 0.692     | -0.02     | 3.442 | 0.016     | 0.016     | 0         | 55   | 55.9 | 30.5 | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 15  | 10   | 53     | 17     | 0.705     | -0.033    | 3.442 | 0.013     | 0.01      | 0         | 55   | 56.3 | 29.2 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 11   | 3      | 17     | 0.696     | -0.033    | 3.442 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 29.2 | 163        | 165        | 0          | 36     | 35     |
| 2009 | 6     | 15  | 11   | 13     | 17     | 0.614     | -0.013    | 3.442 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 30.1 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 11   | 23     | 17     | 0.627     | -0.052    | 3.442 | 0.016     | 0.013     | 0         | 55   | 55.9 | 35.7 | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 15  | 11   | 33     | 17     | 0.679     | -0.033    | 3.442 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 31   | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 11   | 43     | 17     | 0.722     | -0.036    | 3.442 | 0.01      | 0.007     | 0         | 55   | 55.9 | 29.7 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 11   | 53     | 17     | 0.614     | -0.036    | 3.442 | 0.013     | 0.01      | 0         | 55   | 56.3 | 33.1 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 12   | 3      | 17     | 0.65      | -0.02     | 3.442 | 0.013     | 0.01      | 0         | 55   | 55.9 | 37.4 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 12   | 13     | 17     | 0.614     | -0.039    | 3.442 | 0.016     | 0.013     | 0         | 55   | 56.3 | 31   | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 12   | 23     | 17     | 0.64      | -0.049    | 3.442 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 29.7 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 15  | 12   | 33     | 17     | 0.604     | -0.066    | 3.442 | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 29.2 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 12   | 43     | 17     | 0.663     | -0.049    | 3.442 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 29.2 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 15  | 12   | 53     | 17     | 0.627     | -0.046    | 3.442 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 28.4 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 13   | 3      | 17     | 0.584     | -0.043    | 3.442 | 0.013     | 0.01      | 0         | 55   | 56.3 | 29.2 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 13   | 13     | 17     | 0.656     | -0.043    | 3.438 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 30.1 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 13   | 23     | 17     | 0.64      | -0.03     | 3.442 | 0.016     | 0.013     | 0         | 55.5 | 57.2 | 30.1 | 164        | 167        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 13   | 33     | 17     | 0.61      | -0.03     | 3.442 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 28.8 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 13   | 43     | 17     | 0.715     | -0.016    | 3.442 | 0.016     | 0.016     | 0         | 55.9 | 56.8 | 38.7 | 164        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 15  | 13   | 53     | 17     | 0.732     | -0.023    | 3.442 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 29.2 | 163        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 14   | 3      | 17     | 0.682     | -0.007    | 3.442 | 0.013     | 0.01      | 0         | 55   | 56.3 | 29.7 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 14   | 13     | 17     | 0.689     | -0.01     | 3.442 | 0.016     | 0.013     | 0         | 55   | 56.3 | 28.8 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 14   | 23     | 17     | 0.633     | -0.052    | 3.442 | 0.016     | 0.013     | 0         | 55   | 56.3 | 29.2 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 14   | 33     | 17     | 0.669     | -0.049    | 3.442 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 31.4 | 163        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 15  | 14   | 43     | 17     | 0.62      | -0.033    | 3.442 | 0.016     | 0.013     | 0         | 55   | 56.3 | 29.2 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 14   | 53     | 17     | 0.653     | -0.013    | 3.442 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 30.1 | 164        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 15  | 15   | 3      | 17     | 0.63      | -0.003    | 3.442 | 0.016     | 0.013     | 0         | 55   | 56.3 | 36.5 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 15   | 13     | 17     | 0.666     | -0.03     | 3.438 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 28.8 | 163        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 15  | 15   | 23     | 17     | 0.676     | -0.052    | 3.442 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 31   | 164        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 15  | 15   | 33     | 17     | 0.686     | -0.02     | 3.442 | 0.016     | 0.013     | 0         | 55   | 56.3 | 29.7 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 15   | 43     | 17     | 0.719     | -0.007    | 3.442 | 0.013     | 0.01      | 0         | 55   | 56.3 | 31   | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 15   | 53     | 17     | 0.696     | -0.033    | 3.438 | 0.01      | 0.007     | 0         | 55.5 | 56.8 | 34   | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 16   | 3      | 17     | 0.659     | -0.016    | 3.442 | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 30.1 | 164        | 167        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 15  | 16   | 13     | 17     | 0.666     | -0.046    | 3.442 | 0.013     | 0.01      | 0         | 55   | 56.3 | 29.7 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 16   | 23     | 17     | 0.653     | -0.039    | 3.442 | 0.016     | 0.016     | 0         | 55.9 | 56.3 | 29.7 | 164        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 15  | 16   | 33     | 17     | 0.676     | -0.056    | 3.442 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 35.3 | 163        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 15  | 16   | 43     | 17     | 0.702     | -0.016    | 3.442 | 0.016     | 0.016     | 0         | 55   | 55.9 | 29.2 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 16   | 53     | 17     | 0.712     | -0.016    | 3.442 | 0.016     | 0.013     | 0         | 55   | 56.3 | 30.1 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 17   | 3      | 17     | 0.709     | -0.007    | 3.442 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 38.3 | 163        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 15  | 17   | 13     | 17     | 0.686     | -0.062    | 3.442 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 29.7 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 17   | 23     | 17     | 0.689     | -0.052    | 3.442 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 30.5 | 164        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 15  | 17   | 33     | 17     | 0.709     | -0.033    | 3.445 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 29.7 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 17   | 43     | 17     | 0.761     | -0.02     | 3.445 | 0.013     | 0.01      | 0         | 55.5 | 57.2 | 30.5 | 164        | 167        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 17   | 53     | 17     | 0.764     | -0.066    | 3.445 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 30.1 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 18   | 3      | 17     | 0.705     | -0.016    | 3.445 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 50.3 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 18   | 13     | 17     | 0.682     | -0.043    | 3.445 | 0.013     | 0.01      | 0         | 56.3 | 57.2 | 30.1 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 18   | 23     | 17     | 0.699     | -0.056    | 3.445 | 0.013     | 0.01      | 0         | 55.9 | 57.2 | 30.1 | 165        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 18   | 33     | 17     | 0.686     | 0         | 3.445 | 0.016     | 0.016     | 0         | 55.9 | 57.2 | 29.7 | 165        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 18   | 43     | 17     | 0.764     | 0         | 3.445 | 0.01      | 0.007     | 0         | 55.9 | 56.8 | 29.7 | 165        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 18   | 53     | 17     | 0.725     | -0.013    | 3.445 | 0.016     | 0.016     | 0         | 56.3 | 56.8 | 29.2 | 165        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 15  | 19   | 3      | 17     | 0.732     | -0.01     | 3.445 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 29.7 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 19   | 13     | 17     | 0.682     | -0.049    | 3.445 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 30.1 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 19   | 23     | 17     | 0.656     | -0.036    | 3.445 | 0.01      | 0.007     | 0         | 55.5 | 56.8 | 30.1 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 19   | 33     | 17     | 0.709     | -0.033    | 3.442 | 0.016     | 0.013     | 0         | 55   | 56.3 | 32.7 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 19   | 43     | 17     | 0.702     | -0.079    | 3.445 | 0.016     | 0.013     | 0         | 56.3 | 57.2 | 30.5 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 19   | 53     | 17     | 0.735     | -0.033    | 3.445 | 0.013     | 0.01      | 0         | 56.3 | 56.8 | 31   | 166        | 168        | 0          | 35     | 36     |
| 2009 | 6     | 15  | 20   | 3      | 17     | 0.712     | -0.036    | 3.445 | 0.013     | 0.01      | 0         | 56.3 | 57.6 | 32.3 | 166        | 169        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 20   | 13     | 17     | 0.722     | -0.066    | 3.442 | 0.016     | 0.016     | 0         | 56.8 | 57.6 | 39.6 | 167        | 169        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 20   | 23     | 17     | 0.728     | -0.039    | 3.445 | 0.013     | 0.01      | 0         | 57.6 | 58.5 | 44.7 | 169        | 171        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 20   | 33     | 17     | 0.745     | -0.043    | 3.445 | 0.016     | 0.013     | 0         | 58   | 58.9 | 37.4 | 170        | 172        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 20   | 43     | 17     | 0.768     | -0.039    | 3.445 | 0.013     | 0.01      | 0         | 58.5 | 59.3 | 37.4 | 171        | 173        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 20   | 53     | 17     | 0.712     | -0.039    | 3.445 | 0.016     | 0.013     | 0         | 58   | 58.9 | 43.4 | 170        | 172        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 21   | 3      | 17     | 0.741     | -0.033    | 3.445 | 0.016     | 0.013     | 0         | 58   | 58.9 | 44.7 | 170        | 172        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 21   | 13     | 17     | 0.745     | -0.023    | 3.445 | 0.016     | 0.013     | 0         | 58   | 58.9 | 40   | 170        | 173        | 0          | 35     | 36     |
| 2009 | 6     | 15  | 21   | 23     | 17     | 0.732     | -0.003    | 3.445 | 0.016     | 0.013     | 0         | 57.2 | 58.9 | 33.5 | 168        | 172        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 21   | 33     | 17     | 0.741     | 0         | 3.445 | 0.013     | 0.01      | 0         | 57.2 | 58   | 33.5 | 168        | 170        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 21   | 43     | 17     | 0.771     | -0.02     | 3.445 | 0.016     | 0.013     | 0         | 56.8 | 58   | 36.5 | 167        | 170        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 21   | 53     | 17     | 0.755     | -0.036    | 3.445 | 0.016     | 0.013     | 0         | 56.3 | 57.6 | 33.1 | 166        | 169        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 22   | 3      | 17     | 0.784     | -0.039    | 3.445 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 41.3 | 166        | 169        | 0          | 36     | 35     |
| 2009 | 6     | 15  | 22   | 13     | 17     | 0.719     | -0.046    | 3.445 | 0.016     | 0.013     | 0         | 56.3 | 57.6 | 32.7 | 166        | 169        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 22   | 23     | 17     | 0.741     | -0.043    | 3.445 | 0.013     | 0.01      | 0         | 56.3 | 57.6 | 35.7 | 166        | 169        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 22   | 33     | 17     | 0.725     | -0.066    | 3.445 | 0.01      | 0.007     | 0         | 56.3 | 57.2 | 33.1 | 165        | 168        | 0          | 34     | 35     |
| 2009 | 6     | 15  | 22   | 43     | 17     | 0.722     | -0.059    | 3.445 | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 34   | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 22   | 53     | 17     | 0.689     | -0.039    | 3.445 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 31.8 | 165        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 15  | 23   | 3      | 17     | 0.732     | -0.043    | 3.445 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 34.4 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 23   | 13     | 17     | 0.722     | -0.059    | 3.445 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 32.7 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 15  | 23   | 23     | 17     | 0.689     | -0.023    | 3.445 | 0.01      | 0.007     | 0         | 55.5 | 56.8 | 33.5 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 23   | 33     | 17     | 0.755     | -0.043    | 3.445 | 0.01      | 0.007     | 0         | 55.5 | 56.8 | 31.8 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 23   | 43     | 17     | 0.758     | -0.036    | 3.445 | 0.016     | 0.016     | 0         | 55.5 | 56.8 | 31.8 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 15  | 23   | 53     | 17     | 0.705     | -0.046    | 3.445 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 33.1 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 0    | 3      | 17     | 0.709     | -0.043    | 3.445 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 32.3 | 164        | 167        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 16  | 0    | 13     | 17     | 0.722     | 0.003     | 3.445 | 0.01      | 0.007     | 0         | 54.6 | 56.3 | 32.3 | 163        | 166        | 0          | 36     | 35     |
| 2009 | 6     | 16  | 0    | 23     | 17     | 0.702     | -0.062    | 3.442 | 0.016     | 0.013     | 0         | 55   | 55.9 | 32.3 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 0    | 33     | 17     | 0.741     | -0.036    | 3.442 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 30.5 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 0    | 43     | 17     | 0.784     | -0.016    | 3.442 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 31.8 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 0    | 53     | 17     | 0.774     | -0.059    | 3.442 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 30.5 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 1    | 3      | 17     | 0.659     | -0.036    | 3.442 | 0.013     | 0.01      | 0         | 55   | 55.9 | 31   | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 1    | 13     | 17     | 0.751     | -0.052    | 3.442 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 30.1 | 163        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 16  | 1    | 23     | 17     | 0.751     | -0.043    | 3.442 | 0.016     | 0.013     | 0         | 55   | 55.9 | 29.7 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 1    | 33     | 17     | 0.689     | -0.023    | 3.442 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 31   | 163        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 16  | 1    | 43     | 17     | 0.702     | -0.052    | 3.442 | 0.01      | 0.007     | 0         | 55   | 55.9 | 31.8 | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 1    | 53     | 17     | 0.748     | -0.036    | 3.442 | 0.01      | 0.007     | 0         | 55   | 56.3 | 31   | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 2    | 3      | 17     | 0.709     | -0.043    | 3.442 | 0.013     | 0.01      | 0         | 55   | 55.9 | 30.5 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 2    | 13     | 17     | 0.741     | -0.066    | 3.442 | 0.01      | 0.007     | 0         | 55   | 55.9 | 31   | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 2    | 23     | 17     | 0.692     | -0.036    | 3.442 | 0.013     | 0.01      | 0         | 55   | 56.3 | 31   | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 2    | 33     | 17     | 0.751     | -0.016    | 3.442 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 32.7 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 2    | 43     | 17     | 0.709     | -0.079    | 3.442 | 0.013     | 0.01      | 0         | 54.6 | 56.3 | 30.5 | 163        | 166        | 0          | 36     | 35     |
| 2009 | 6     | 16  | 2    | 53     | 17     | 0.715     | -0.03     | 3.442 | 0.016     | 0.013     | 0         | 55   | 56.3 | 29.7 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 3    | 3      | 17     | 0.673     | -0.046    | 3.442 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 30.1 | 164        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 3    | 13     | 17     | 0.679     | -0.033    | 3.442 | 0.013     | 0.01      | 0         | 55   | 55.9 | 30.1 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 3    | 23     | 17     | 0.682     | -0.039    | 3.442 | 0.016     | 0.013     | 0         | 55   | 55.9 | 29.7 | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 3    | 33     | 17     | 0.699     | -0.033    | 3.438 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 28.8 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 3    | 43     | 17     | 0.682     | -0.036    | 3.442 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 29.2 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 3    | 53     | 17     | 0.666     | -0.03     | 3.438 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 30.1 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 4    | 3      | 17     | 0.696     | -0.03     | 3.438 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 30.1 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 4    | 13     | 17     | 0.732     | -0.016    | 3.438 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 29.7 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 4    | 23     | 17     | 0.758     | -0.043    | 3.442 | 0.016     | 0.013     | 0         | 55   | 55.5 | 30.5 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 4    | 33     | 17     | 0.696     | -0.062    | 3.442 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 29.7 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 4    | 43     | 17     | 0.715     | -0.023    | 3.442 | 0.013     | 0.01      | 0         | 55   | 56.3 | 30.1 | 164        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 16  | 4    | 53     | 17     | 0.669     | 0         | 3.442 | 0.016     | 0.016     | 0         | 55   | 56.8 | 30.5 | 164        | 167        | 0          | 36     | 35     |
| 2009 | 6     | 16  | 5    | 3      | 17     | 0.686     | -0.02     | 3.442 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 29.2 | 165        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 5    | 13     | 17     | 0.659     | -0.033    | 3.442 | 0.013     | 0.01      | 0         | 55.9 | 57.2 | 28.8 | 165        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 5    | 23     | 17     | 0.689     | -0.007    | 3.442 | 0.016     | 0.013     | 0         | 56.3 | 56.8 | 28.8 | 166        | 168        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 5    | 33     | 17     | 0.728     | 0         | 3.442 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 29.2 | 166        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 16  | 5    | 43     | 17     | 0.669     | -0.046    | 3.442 | 0.013     | 0.01      | 0         | 55.9 | 57.6 | 30.1 | 166        | 169        | 0          | 36     | 35     |
| 2009 | 6     | 16  | 5    | 53     | 17     | 0.712     | -0.016    | 3.442 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 29.2 | 166        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 16  | 6    | 3      | 17     | 0.696     | 0.003     | 3.442 | 0.016     | 0.013     | 0         | 56.8 | 57.2 | 28.8 | 167        | 169        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 6    | 13     | 17     | 0.666     | -0.056    | 3.442 | 0.013     | 0.01      | 0         | 56.8 | 57.6 | 28   | 167        | 169        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 6    | 23     | 17     | 0.689     | -0.013    | 3.442 | 0.013     | 0.01      | 0         | 56.8 | 57.2 | 28.4 | 167        | 169        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 6    | 33     | 17     | 0.679     | -0.033    | 3.442 | 0.016     | 0.013     | 0         | 55.9 | 57.2 | 28.4 | 166        | 169        | 0          | 36     | 36     |
| 2009 | 6     | 16  | 6    | 43     | 17     | 0.666     | -0.013    | 3.442 | 0.016     | 0.013     | 0         | 56.3 | 56.8 | 28.4 | 166        | 168        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 6    | 53     | 17     | 0.656     | -0.046    | 3.442 | 0.013     | 0.01      | 0         | 56.3 | 57.2 | 29.2 | 166        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 7    | 3      | 17     | 0.702     | -0.003    | 3.442 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 28.4 | 165        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 16  | 7    | 13     | 17     | 0.663     | -0.046    | 3.442 | 0.013     | 0.01      | 0         | 55   | 56.8 | 28   | 164        | 167        | 0          | 36     | 35     |
| 2009 | 6     | 16  | 7    | 23     | 17     | 0.699     | -0.016    | 3.442 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 28   | 164        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 7    | 33     | 17     | 0.696     | -0.046    | 3.442 | 0.013     | 0.01      | 0         | 55   | 56.3 | 28.8 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 7    | 43     | 17     | 0.633     | -0.039    | 3.442 | 0.016     | 0.013     | 0         | 55   | 55.9 | 28.4 | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 7    | 53     | 17     | 0.696     | -0.052    | 3.442 | 0.016     | 0.013     | 0         | 54.6 | 56.3 | 28.8 | 163        | 166        | 0          | 36     | 35     |
| 2009 | 6     | 16  | 8    | 3      | 17     | 0.689     | -0.046    | 3.442 | 0.016     | 0.016     | 0         | 55   | 56.3 | 29.7 | 163        | 166        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 16  | 8    | 13     | 17     | 0.692     | -0.016    | 3.442 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 28.8 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 8    | 23     | 17     | 0.715     | -0.046    | 3.442 | 0.016     | 0.013     | 0         | 54.6 | 55   | 28   | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 8    | 33     | 17     | 0.666     | -0.046    | 3.442 | 0.016     | 0.013     | 0         | 54.6 | 55   | 29.7 | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 8    | 43     | 17     | 0.745     | -0.026    | 3.442 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 28.4 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 8    | 53     | 17     | 0.696     | -0.036    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 55   | 29.2 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 9    | 3      | 17     | 0.696     | -0.039    | 3.442 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 29.2 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 9    | 13     | 17     | 0.686     | -0.02     | 3.442 | 0.016     | 0.013     | 0         | 54.2 | 55   | 29.7 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 9    | 23     | 17     | 0.709     | -0.046    | 3.442 | 0.016     | 0.016     | 0         | 53.8 | 55.5 | 29.2 | 161        | 164        | 0          | 36     | 35     |
| 2009 | 6     | 16  | 9    | 33     | 17     | 0.61      | -0.075    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 55   | 29.2 | 162        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 16  | 9    | 43     | 17     | 0.679     | -0.016    | 3.442 | 0.016     | 0.013     | 0         | 54.2 | 55   | 29.2 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 9    | 53     | 17     | 0.689     | -0.016    | 3.445 | 0.013     | 0.01      | 0         | 54.2 | 55   | 29.2 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 10   | 3      | 17     | 0.761     | -0.036    | 3.442 | 0.016     | 0.013     | 0         | 54.6 | 55   | 29.2 | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 10   | 13     | 17     | 0.666     | -0.062    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 55   | 28.8 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 10   | 23     | 17     | 0.682     | -0.082    | 3.445 | 0.016     | 0.013     | 0         | 54.2 | 55   | 29.7 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 10   | 33     | 17     | 0.646     | -0.033    | 3.442 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 29.7 | 160        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 10   | 43     | 17     | 0.722     | -0.023    | 3.442 | 0.01      | 0.007     | 0         | 54.2 | 55   | 29.2 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 10   | 53     | 17     | 0.65      | -0.026    | 3.445 | 0.013     | 0.01      | 0         | 53.8 | 55   | 29.7 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 11   | 3      | 17     | 0.673     | -0.023    | 3.442 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 29.2 | 161        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 11   | 13     | 17     | 0.673     | -0.072    | 3.445 | 0.02      | 0.016     | 0         | 53.8 | 54.6 | 30.5 | 160        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 11   | 23     | 17     | 0.682     | -0.072    | 3.445 | 0.016     | 0.013     | 0         | 54.2 | 55   | 29.7 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 11   | 33     | 17     | 0.696     | -0.013    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 29.7 | 161        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 11   | 43     | 17     | 0.663     | -0.079    | 3.445 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 30.5 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 11   | 53     | 17     | 0.702     | -0.036    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 29.7 | 161        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 12   | 3      | 17     | 0.682     | -0.02     | 3.445 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 30.1 | 160        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 12   | 13     | 17     | 0.617     | -0.072    | 3.445 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 30.5 | 160        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 16  | 12   | 23     | 17     | 0.633     | -0.03     | 3.445 | 0.016     | 0.013     | 0         | 53.8 | 55   | 30.1 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 12   | 33     | 17     | 0.712     | -0.023    | 3.445 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 30.1 | 159        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 12   | 43     | 17     | 0.676     | -0.059    | 3.445 | 0.016     | 0.013     | 0         | 53.8 | 55   | 30.5 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 12   | 53     | 17     | 0.65      | -0.075    | 3.445 | 0.01      | 0.007     | 0         | 53.3 | 55   | 31.8 | 160        | 163        | 0          | 36     | 35     |
| 2009 | 6     | 16  | 13   | 3      | 17     | 0.692     | -0.052    | 3.445 | 0.02      | 0.016     | 0         | 53.8 | 55   | 30.5 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 13   | 13     | 17     | 0.656     | -0.013    | 3.445 | 0.013     | 0.01      | 0         | 53.8 | 55   | 32.3 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 13   | 23     | 17     | 0.722     | -0.03     | 3.445 | 0.013     | 0.01      | 0         | 54.2 | 55   | 30.1 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 13   | 33     | 17     | 0.712     | -0.072    | 3.445 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 29.7 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 13   | 43     | 17     | 0.666     | -0.026    | 3.445 | 0.013     | 0.01      | 0         | 54.2 | 55   | 30.1 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 13   | 53     | 17     | 0.692     | -0.049    | 3.445 | 0.016     | 0.016     | 0         | 53.8 | 55   | 30.1 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 14   | 3      | 17     | 0.633     | -0.052    | 3.445 | 0.013     | 0.01      | 0         | 54.2 | 55   | 30.5 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 14   | 13     | 17     | 0.64      | -0.036    | 3.445 | 0.01      | 0.007     | 0         | 54.2 | 55.5 | 31.4 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 14   | 23     | 17     | 0.646     | -0.049    | 3.445 | 0.016     | 0.016     | 0         | 54.2 | 55   | 31.4 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 14   | 33     | 17     | 0.659     | -0.033    | 3.448 | 0.01      | 0.007     | 0         | 53.8 | 55   | 34.4 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 14   | 43     | 17     | 0.686     | -0.039    | 3.445 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 29.7 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 14   | 53     | 17     | 0.679     | -0.016    | 3.445 | 0.013     | 0.01      | 0         | 54.2 | 55   | 30.1 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 15   | 3      | 17     | 0.643     | -0.033    | 3.445 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 31   | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 15   | 13     | 17     | 0.705     | 0.02      | 3.445 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 30.5 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 15   | 23     | 17     | 0.653     | -0.046    | 3.445 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 29.2 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 15   | 33     | 17     | 0.656     | -0.026    | 3.445 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 31   | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 15   | 43     | 17     | 0.686     | -0.049    | 3.445 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 32.7 | 161        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 16  | 15   | 53     | 17     | 0.623     | -0.049    | 3.445 | 0.013     | 0.01      | 0         | 54.2 | 55   | 31   | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 16   | 3      | 17     | 0.666     | 0         | 3.445 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 31.8 | 161        | 164        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 16  | 16   | 13     | 17     | 0.636     | -0.046    | 3.445 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 31   | 161        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 16  | 16   | 23     | 17     | 0.636     | -0.072    | 3.445 | 0.016     | 0.016     | 0         | 54.2 | 55.5 | 31   | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 16   | 33     | 17     | 0.633     | -0.075    | 3.445 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 31.4 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 16   | 43     | 17     | 0.676     | -0.062    | 3.445 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 31   | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 16   | 53     | 17     | 0.584     | -0.02     | 3.445 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 31   | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 17   | 3      | 17     | 0.643     | -0.056    | 3.445 | 0.01      | 0.007     | 0         | 54.2 | 55.5 | 31.8 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 17   | 13     | 17     | 0.633     | -0.026    | 3.445 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 31.4 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 17   | 23     | 17     | 0.646     | -0.049    | 3.448 | 0.013     | 0.01      | 0         | 55   | 55.9 | 48.6 | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 16  | 17   | 33     | 17     | 0.666     | -0.016    | 3.448 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 47.3 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 17   | 43     | 17     | 0.633     | -0.023    | 3.448 | 0.01      | 0.007     | 0         | 55.9 | 56.8 | 41.3 | 164        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 16  | 17   | 53     | 17     | 0.636     | -0.023    | 3.448 | 0.013     | 0.01      | 0         | 56.3 | 56.8 | 42.6 | 165        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 16  | 18   | 3      | 17     | 0.682     | -0.026    | 3.445 | 0.016     | 0.016     | 0         | 56.3 | 56.8 | 31.4 | 165        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 16  | 18   | 13     | 17     | 0.686     | -0.007    | 3.445 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 33.5 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 18   | 23     | 17     | 0.659     | -0.03     | 3.445 | 0.016     | 0.013     | 0         | 55   | 56.3 | 30.5 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 18   | 33     | 17     | 0.617     | -0.066    | 3.445 | 0.016     | 0.016     | 0         | 55   | 56.3 | 30.5 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 18   | 43     | 17     | 0.63      | -0.052    | 3.445 | 0.013     | 0.01      | 0         | 55   | 56.3 | 30.1 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 18   | 53     | 17     | 0.676     | -0.046    | 3.445 | 0.013     | 0.01      | 0         | 54.6 | 56.3 | 31   | 162        | 165        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 19   | 3      | 17     | 0.666     | -0.013    | 3.445 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 31.4 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 19   | 13     | 17     | 0.692     | -0.023    | 3.445 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 30.5 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 19   | 23     | 17     | 0.627     | -0.046    | 3.445 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 31.4 | 161        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 16  | 19   | 33     | 17     | 0.633     | -0.026    | 3.445 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 31   | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 19   | 43     | 17     | 0.696     | -0.02     | 3.445 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 31   | 163        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 16  | 19   | 53     | 17     | 0.692     | -0.062    | 3.445 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 30.5 | 161        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 20   | 3      | 17     | 0.705     | -0.02     | 3.445 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 30.5 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 20   | 13     | 17     | 0.709     | -0.013    | 3.445 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 31.4 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 20   | 23     | 17     | 0.705     | -0.026    | 3.445 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 30.1 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 20   | 33     | 17     | 0.584     | -0.02     | 3.445 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 31.4 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 20   | 43     | 17     | 0.614     | -0.046    | 3.445 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 30.5 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 20   | 53     | 17     | 0.722     | -0.02     | 3.445 | 0.01      | 0.007     | 0         | 54.2 | 55.9 | 31   | 161        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 21   | 3      | 17     | 0.692     | -0.033    | 3.445 | 0.013     | 0.01      | 0         | 54.2 | 55   | 31.8 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 21   | 13     | 17     | 0.722     | -0.026    | 3.445 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 30.1 | 161        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 16  | 21   | 23     | 17     | 0.689     | -0.052    | 3.445 | 0.016     | 0.013     | 0         | 54.2 | 55   | 31.8 | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 16  | 21   | 33     | 17     | 0.659     | -0.033    | 3.445 | 0.01      | 0.007     | 0         | 54.2 | 55.5 | 30.5 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 21   | 43     | 17     | 0.696     | -0.043    | 3.445 | 0.016     | 0.013     | 0         | 54.2 | 55   | 31   | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 21   | 53     | 17     | 0.715     | -0.007    | 3.445 | 0.013     | 0.01      | 0         | 54.2 | 55   | 32.3 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 22   | 3      | 17     | 0.712     | -0.049    | 3.445 | 0.013     | 0.01      | 0         | 54.2 | 55   | 32.3 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 22   | 13     | 17     | 0.699     | -0.03     | 3.445 | 0.016     | 0.013     | 0         | 53.8 | 55   | 31.8 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 22   | 23     | 17     | 0.676     | -0.03     | 3.445 | 0.013     | 0.01      | 0         | 53.8 | 55   | 31.4 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 22   | 33     | 17     | 0.732     | -0.03     | 3.445 | 0.016     | 0.013     | 0         | 54.2 | 55.9 | 32.3 | 161        | 164        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 22   | 43     | 17     | 0.696     | -0.069    | 3.445 | 0.01      | 0.007     | 0         | 54.6 | 55   | 30.1 | 161        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 16  | 22   | 53     | 17     | 0.663     | -0.049    | 3.445 | 0.013     | 0.01      | 0         | 54.2 | 55   | 30.5 | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 16  | 23   | 3      | 17     | 0.709     | -0.079    | 3.445 | 0.016     | 0.013     | 0         | 53.8 | 55   | 31   | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 23   | 13     | 17     | 0.686     | -0.039    | 3.445 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 30.5 | 161        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 23   | 23     | 17     | 0.715     | 0.02      | 3.445 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 31   | 161        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 16  | 23   | 33     | 17     | 0.778     | -0.03     | 3.445 | 0.016     | 0.016     | 0         | 53.8 | 55   | 31.8 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 23   | 43     | 17     | 0.719     | -0.013    | 3.445 | 0.016     | 0.013     | 0         | 53.8 | 55   | 31.8 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 23   | 53     | 17     | 0.761     | -0.023    | 3.445 | 0.016     | 0.016     | 0         | 54.2 | 55   | 31   | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 0    | 3      | 17     | 0.741     | -0.023    | 3.445 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 30.5 | 162        | 165        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 17  | 0    | 13     | 17     | 0.761     | -0.036    | 3.445 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 32.3 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 0    | 23     | 17     | 0.699     | -0.02     | 3.445 | 0.016     | 0.016     | 0         | 53.8 | 55   | 30.5 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 0    | 33     | 17     | 0.751     | -0.016    | 3.442 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 31.4 | 161        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 17  | 0    | 43     | 17     | 0.636     | -0.069    | 3.445 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 31   | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 0    | 53     | 17     | 0.771     | -0.016    | 3.445 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 31   | 161        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 17  | 1    | 3      | 17     | 0.758     | -0.039    | 3.445 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 31.4 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 1    | 13     | 17     | 0.755     | -0.043    | 3.442 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 30.5 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 1    | 23     | 17     | 0.758     | -0.026    | 3.442 | 0.01      | 0.007     | 0         | 54.2 | 55.5 | 30.5 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 1    | 33     | 17     | 0.715     | -0.033    | 3.445 | 0.016     | 0.016     | 0         | 53.8 | 54.6 | 31.4 | 160        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 17  | 1    | 43     | 17     | 0.722     | -0.033    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 55   | 31   | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 1    | 53     | 17     | 0.725     | -0.036    | 3.442 | 0.01      | 0.007     | 0         | 54.2 | 55   | 31   | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 2    | 3      | 17     | 0.686     | -0.056    | 3.442 | 0.016     | 0.016     | 0         | 54.2 | 55   | 30.1 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 17  | 2    | 13     | 17     | 0.712     | -0.039    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 31.4 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 2    | 23     | 17     | 0.722     | -0.03     | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 31.4 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 2    | 33     | 17     | 0.764     | -0.049    | 3.442 | 0.016     | 0.013     | 0         | 54.2 | 55   | 31   | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 17  | 2    | 43     | 17     | 0.732     | -0.059    | 3.442 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 29.7 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 2    | 53     | 17     | 0.725     | -0.016    | 3.442 | 0.016     | 0.013     | 0         | 54.2 | 55   | 31   | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 17  | 3    | 3      | 17     | 0.768     | -0.046    | 3.442 | 0.01      | 0.007     | 0         | 54.2 | 55.5 | 30.1 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 3    | 13     | 17     | 0.755     | -0.052    | 3.442 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 30.5 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 3    | 23     | 17     | 0.679     | -0.046    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 55   | 30.1 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 17  | 3    | 33     | 17     | 0.728     | -0.03     | 3.442 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 29.7 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 3    | 43     | 17     | 0.722     | 0.003     | 3.442 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 30.5 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 3    | 53     | 17     | 0.751     | 0         | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 30.1 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 4    | 3      | 17     | 0.768     | -0.016    | 3.442 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 31   | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 4    | 13     | 17     | 0.722     | -0.03     | 3.442 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 30.1 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 4    | 23     | 17     | 0.748     | -0.03     | 3.442 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 29.2 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 17  | 4    | 33     | 17     | 0.728     | -0.066    | 3.442 | 0.016     | 0.013     | 0         | 55   | 55.9 | 29.7 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 4    | 43     | 17     | 0.712     | -0.049    | 3.442 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 29.7 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 4    | 53     | 17     | 0.722     | 0         | 3.442 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 29.2 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 5    | 3      | 17     | 0.758     | -0.043    | 3.442 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 29.2 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 17  | 5    | 13     | 17     | 0.696     | -0.062    | 3.442 | 0.01      | 0.007     | 0         | 55   | 56.3 | 29.2 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 5    | 23     | 17     | 0.748     | -0.01     | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 30.5 | 162        | 164        | 0          | 36     | 35     |
| 2009 | 6     | 17  | 5    | 33     | 17     | 0.748     | -0.003    | 3.442 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 30.1 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 5    | 43     | 17     | 0.748     | -0.026    | 3.442 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 30.1 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 5    | 53     | 17     | 0.682     | -0.039    | 3.442 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 29.7 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 6    | 3      | 17     | 0.748     | -0.03     | 3.442 | 0.01      | 0.007     | 0         | 55   | 55.5 | 29.2 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 17  | 6    | 13     | 17     | 0.732     | -0.062    | 3.442 | 0.016     | 0.013     | 0         | 55   | 55.9 | 29.2 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 6    | 23     | 17     | 0.696     | -0.03     | 3.442 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 30.1 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 6    | 33     | 17     | 0.705     | -0.062    | 3.442 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 29.2 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 6    | 43     | 17     | 0.676     | -0.052    | 3.442 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 29.7 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 6    | 53     | 17     | 0.712     | 0         | 3.442 | 0.016     | 0.016     | 0         | 54.6 | 55   | 29.7 | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 17  | 7    | 3      | 17     | 0.712     | -0.023    | 3.442 | 0.016     | 0.013     | 0         | 54.6 | 55   | 30.1 | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 17  | 7    | 13     | 17     | 0.712     | -0.007    | 3.442 | 0.01      | 0.007     | 0         | 54.2 | 55   | 30.5 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 17  | 7    | 23     | 17     | 0.741     | -0.036    | 3.442 | 0.013     | 0.01      | 0         | 53.8 | 55.5 | 30.1 | 161        | 164        | 0          | 36     | 35     |
| 2009 | 6     | 17  | 7    | 33     | 17     | 0.663     | -0.049    | 3.442 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 30.5 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 7    | 43     | 17     | 0.738     | -0.016    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 55   | 30.5 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 17  | 7    | 53     | 17     | 0.679     | -0.036    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 55   | 29.7 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 17  | 8    | 3      | 17     | 0.712     | -0.033    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 30.1 | 161        | 164        | 0          | 35     | 35     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 17  | 8    | 13     | 17     | 0.702     | -0.069    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 55   | 29.7 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 17  | 8    | 23     | 17     | 0.751     | -0.066    | 3.442 | 0.01      | 0.007     | 0         | 54.2 | 55   | 29.7 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 17  | 8    | 33     | 17     | 0.705     | -0.039    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 55   | 30.5 | 161        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 17  | 8    | 43     | 17     | 0.715     | -0.033    | 3.442 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 30.5 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 8    | 53     | 17     | 0.712     | -0.016    | 3.442 | 0.013     | 0.01      | 0         | 54.6 | 55   | 30.1 | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 17  | 9    | 3      | 17     | 0.699     | -0.033    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 55   | 29.7 | 162        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 17  | 9    | 13     | 17     | 0.715     | -0.046    | 3.442 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 29.7 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 17  | 9    | 23     | 17     | 0.627     | -0.052    | 3.442 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 29.2 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 17  | 9    | 33     | 17     | 0.715     | -0.046    | 3.442 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 31   | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 9    | 43     | 17     | 0.676     | -0.066    | 3.442 | 0.016     | 0.013     | 0         | 54.6 | 55   | 29.7 | 162        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 17  | 9    | 53     | 17     | 0.745     | -0.046    | 3.442 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 29.7 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 17  | 10   | 3      | 17     | 0.719     | -0.052    | 3.445 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 30.5 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 17  | 10   | 13     | 17     | 0.761     | -0.072    | 3.442 | 0.016     | 0.016     | 0         | 54.6 | 55.9 | 29.7 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 10   | 23     | 17     | 0.627     | -0.049    | 3.442 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 29.7 | 163        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 17  | 10   | 33     | 17     | 0.699     | -0.052    | 3.442 | 0.016     | 0.013     | 0         | 54.2 | 55.9 | 31.8 | 162        | 165        | 0          | 36     | 35     |
| 2009 | 6     | 17  | 10   | 43     | 17     | 0.673     | -0.082    | 3.442 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 30.5 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 10   | 53     | 17     | 0.669     | -0.039    | 3.445 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 30.5 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 11   | 3      | 17     | 0.653     | -0.049    | 3.442 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 30.5 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 11   | 13     | 17     | 0.696     | -0.056    | 3.445 | 0.013     | 0.01      | 0         | 55   | 55.5 | 30.1 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 17  | 11   | 23     | 17     | 0.656     | -0.066    | 3.442 | 0.016     | 0.016     | 0         | 55   | 55.9 | 29.7 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 11   | 33     | 17     | 0.656     | -0.059    | 3.445 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 31.4 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 11   | 43     | 17     | 0.696     | -0.016    | 3.445 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 31.8 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 11   | 53     | 17     | 0.64      | -0.082    | 3.445 | 0.016     | 0.013     | 0         | 55   | 55.9 | 31   | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 12   | 3      | 17     | 0.689     | -0.056    | 3.445 | 0.013     | 0.01      | 0         | 55   | 55.9 | 31.4 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 12   | 13     | 17     | 0.614     | -0.066    | 3.445 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 30.1 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 12   | 23     | 17     | 0.659     | -0.01     | 3.445 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 30.1 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 17  | 12   | 33     | 17     | 0.643     | -0.049    | 3.445 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 29.7 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 12   | 43     | 17     | 0.65      | -0.036    | 3.445 | 0.016     | 0.013     | 0         | 55   | 55.9 | 29.2 | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 17  | 12   | 53     | 17     | 0.669     | -0.023    | 3.445 | 0.016     | 0.013     | 0         | 55   | 55.9 | 29.7 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 13   | 3      | 17     | 0.646     | -0.013    | 3.445 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 31.8 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 13   | 13     | 17     | 0.653     | -0.056    | 3.445 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 31.8 | 163        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 17  | 13   | 23     | 17     | 0.614     | -0.062    | 3.445 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 30.1 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 13   | 33     | 17     | 0.719     | -0.049    | 3.445 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 27.5 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 13   | 43     | 17     | 0.686     | 0         | 3.448 | 0.016     | 0.016     | 0         | 54.6 | 55.9 | 28.8 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 13   | 53     | 17     | 0.712     | -0.026    | 3.448 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 31   | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 17  | 14   | 3      | 17     | 0.643     | -0.052    | 3.448 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 32.7 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 14   | 13     | 17     | 0.669     | -0.062    | 3.448 | 0.016     | 0.016     | 0         | 54.6 | 55.9 | 33.5 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 14   | 23     | 17     | 0.696     | -0.049    | 3.448 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 31.8 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 14   | 33     | 17     | 0.656     | 0         | 3.448 | 0.013     | 0.01      | 0         | 55   | 55.9 | 31.4 | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 17  | 14   | 43     | 17     | 0.646     | -0.033    | 3.448 | 0.01      | 0.007     | 0         | 55   | 55.9 | 31.8 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 14   | 53     | 17     | 0.623     | -0.033    | 3.448 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 30.5 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 15   | 3      | 17     | 0.656     | -0.043    | 3.448 | 0.016     | 0.013     | 0         | 55   | 56.3 | 31.4 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 15   | 13     | 17     | 0.669     | -0.016    | 3.448 | 0.016     | 0.016     | 0         | 54.2 | 55.5 | 30.1 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 15   | 23     | 17     | 0.666     | -0.033    | 3.448 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 29.2 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 15   | 33     | 17     | 0.663     | -0.036    | 3.448 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 29.7 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 15   | 43     | 17     | 0.659     | -0.039    | 3.448 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 30.1 | 161        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 17  | 15   | 53     | 17     | 0.614     | -0.052    | 3.448 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 30.1 | 162        | 164        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 16   | 3      | 17     | 0.702     | -0.043    | 3.448 | 0.016     | 0.016     | 0         | 55   | 55.9 | 34.4 | 162        | 165        | 0          | 34     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 17  | 16   | 13     | 17     | 0.636     | -0.049    | 3.448 | 0.016     | 0.016     | 0         | 54.6 | 55.9 | 31   | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 16   | 23     | 17     | 0.679     | -0.02     | 3.448 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 31.8 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 16   | 33     | 17     | 0.656     | -0.039    | 3.448 | 0.016     | 0.013     | 0         | 55   | 55.9 | 31   | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 17  | 16   | 43     | 17     | 0.673     | -0.046    | 3.448 | 0.016     | 0.013     | 0         | 55   | 56.3 | 30.1 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 16   | 53     | 17     | 0.679     | -0.036    | 3.448 | 0.013     | 0.01      | 0         | 55   | 56.3 | 31   | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 17   | 3      | 17     | 0.679     | -0.033    | 3.448 | 0.016     | 0.013     | 0         | 55   | 56.3 | 30.1 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 17   | 13     | 17     | 0.689     | -0.003    | 3.448 | 0.016     | 0.016     | 0         | 55   | 56.3 | 29.2 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 17   | 23     | 17     | 0.604     | -0.043    | 3.448 | 0.016     | 0.013     | 0         | 55   | 56.3 | 28.4 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 17   | 33     | 17     | 0.659     | -0.056    | 3.445 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 29.7 | 163        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 17  | 17   | 43     | 17     | 0.692     | -0.033    | 3.448 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 29.2 | 163        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 17  | 17   | 53     | 17     | 0.65      | -0.046    | 3.448 | 0.016     | 0.013     | 0         | 55   | 56.3 | 28.8 | 162        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 17  | 18   | 3      | 17     | 0.666     | -0.013    | 3.448 | 0.013     | 0.01      | 0         | 55   | 55.9 | 29.7 | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 17  | 18   | 13     | 17     | 0.715     | -0.039    | 3.448 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 29.2 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 18   | 23     | 17     | 0.676     | -0.052    | 3.448 | 0.013     | 0.01      | 0         | 55   | 55.9 | 29.2 | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 17  | 18   | 33     | 17     | 0.679     | -0.085    | 3.448 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 29.2 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 18   | 43     | 17     | 0.689     | -0.003    | 3.448 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 31   | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 18   | 53     | 17     | 0.725     | -0.056    | 3.448 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 29.2 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 19   | 3      | 17     | 0.666     | -0.016    | 3.448 | 0.016     | 0.013     | 0         | 55   | 55.9 | 30.1 | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 17  | 19   | 13     | 17     | 0.705     | -0.039    | 3.445 | 0.013     | 0.01      | 0         | 55   | 55.9 | 30.1 | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 17  | 19   | 23     | 17     | 0.741     | -0.043    | 3.445 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 30.1 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 19   | 33     | 17     | 0.705     | -0.02     | 3.448 | 0.013     | 0.01      | 0         | 55   | 56.3 | 29.7 | 162        | 165        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 19   | 43     | 17     | 0.712     | -0.01     | 3.445 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 30.5 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 19   | 53     | 17     | 0.761     | -0.036    | 3.445 | 0.016     | 0.013     | 0         | 55   | 55.9 | 30.5 | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 17  | 20   | 3      | 17     | 0.686     | -0.01     | 3.445 | 0.016     | 0.013     | 0         | 55   | 56.3 | 30.1 | 162        | 165        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 20   | 13     | 17     | 0.705     | -0.036    | 3.448 | 0.013     | 0.01      | 0         | 55   | 56.3 | 29.7 | 162        | 165        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 20   | 23     | 17     | 0.692     | -0.056    | 3.445 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 31.4 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 20   | 33     | 17     | 0.673     | -0.039    | 3.445 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 30.1 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 20   | 43     | 17     | 0.676     | -0.085    | 3.445 | 0.016     | 0.013     | 0         | 55   | 55.9 | 40.4 | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 17  | 20   | 53     | 17     | 0.719     | -0.036    | 3.445 | 0.013     | 0.01      | 0         | 56.3 | 58   | 42.1 | 166        | 170        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 21   | 3      | 17     | 0.63      | -0.085    | 3.445 | 0.013     | 0.01      | 0         | 58   | 58.9 | 43.9 | 169        | 172        | 0          | 34     | 35     |
| 2009 | 6     | 17  | 21   | 13     | 17     | 0.725     | -0.052    | 3.445 | 0.013     | 0.01      | 0         | 58   | 58.9 | 39.1 | 169        | 172        | 0          | 34     | 35     |
| 2009 | 6     | 17  | 21   | 23     | 17     | 0.705     | -0.033    | 3.448 | 0.01      | 0.007     | 0         | 58   | 58.9 | 40   | 169        | 172        | 0          | 34     | 35     |
| 2009 | 6     | 17  | 21   | 33     | 17     | 0.768     | -0.069    | 3.448 | 0.016     | 0.013     | 0         | 58   | 58.9 | 33.5 | 169        | 172        | 0          | 34     | 35     |
| 2009 | 6     | 17  | 21   | 43     | 17     | 0.676     | -0.02     | 3.448 | 0.016     | 0.016     | 0         | 57.2 | 58.5 | 35.3 | 168        | 171        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 21   | 53     | 17     | 0.692     | -0.056    | 3.448 | 0.016     | 0.013     | 0         | 57.2 | 57.6 | 31.4 | 167        | 170        | 0          | 34     | 36     |
| 2009 | 6     | 17  | 22   | 3      | 17     | 0.725     | -0.033    | 3.448 | 0.016     | 0.013     | 0         | 56.3 | 57.6 | 32.3 | 166        | 169        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 22   | 13     | 17     | 0.692     | -0.056    | 3.445 | 0.016     | 0.016     | 0         | 55.9 | 57.2 | 31   | 165        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 22   | 23     | 17     | 0.666     | -0.016    | 3.445 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 31.8 | 164        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 17  | 22   | 33     | 17     | 0.735     | -0.046    | 3.448 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 32.3 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 22   | 43     | 17     | 0.679     | -0.036    | 3.445 | 0.016     | 0.016     | 0         | 55   | 56.3 | 32.7 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 22   | 53     | 17     | 0.728     | -0.059    | 3.445 | 0.013     | 0.01      | 0         | 55   | 56.3 | 32.7 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 23   | 3      | 17     | 0.702     | -0.052    | 3.442 | 0.013     | 0.01      | 0         | 54.6 | 56.8 | 37.8 | 163        | 167        | 0          | 36     | 35     |
| 2009 | 6     | 17  | 23   | 13     | 17     | 0.774     | -0.03     | 3.445 | 0.013     | 0.01      | 0         | 55.9 | 57.2 | 32.7 | 165        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 23   | 23     | 17     | 0.646     | -0.069    | 3.445 | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 33.1 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 23   | 33     | 17     | 0.692     | -0.03     | 3.445 | 0.013     | 0.01      | 0         | 56.3 | 57.2 | 32.7 | 165        | 168        | 0          | 34     | 35     |
| 2009 | 6     | 17  | 23   | 43     | 17     | 0.666     | -0.066    | 3.445 | 0.013     | 0.01      | 0         | 55.9 | 57.2 | 33.1 | 165        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 17  | 23   | 53     | 17     | 0.692     | -0.052    | 3.445 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 33.1 | 164        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 0    | 3      | 17     | 0.712     | -0.049    | 3.445 | 0.013     | 0.01      | 0         | 55   | 56.3 | 32.3 | 163        | 166        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 18  | 0    | 13     | 17     | 0.702     | -0.049    | 3.445 | 0.013     | 0.01      | 0         | 55   | 56.3 | 33.1 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 0    | 23     | 17     | 0.741     | 0.007     | 3.445 | 0.016     | 0.013     | 0         | 55   | 56.3 | 31.4 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 0    | 33     | 17     | 0.719     | -0.02     | 3.442 | 0.013     | 0.01      | 0         | 55   | 56.3 | 29.2 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 0    | 43     | 17     | 0.659     | -0.049    | 3.442 | 0.013     | 0.01      | 0         | 55   | 56.3 | 30.5 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 0    | 53     | 17     | 0.741     | -0.033    | 3.442 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 30.5 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 1    | 3      | 17     | 0.728     | 0         | 3.442 | 0.01      | 0.007     | 0         | 55   | 56.3 | 31.4 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 1    | 13     | 17     | 0.696     | -0.069    | 3.442 | 0.013     | 0.01      | 0         | 55   | 55.9 | 32.3 | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 1    | 23     | 17     | 0.745     | -0.043    | 3.442 | 0.016     | 0.013     | 0         | 55   | 56.3 | 30.1 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 1    | 33     | 17     | 0.699     | -0.049    | 3.442 | 0.013     | 0.01      | 0         | 55   | 56.3 | 31   | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 1    | 43     | 17     | 0.774     | -0.049    | 3.442 | 0.013     | 0.01      | 0         | 55   | 56.3 | 32.3 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 1    | 53     | 17     | 0.699     | -0.049    | 3.442 | 0.013     | 0.01      | 0         | 55   | 56.3 | 31.8 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 2    | 3      | 17     | 0.712     | -0.036    | 3.442 | 0.016     | 0.013     | 0         | 55   | 56.3 | 29.2 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 2    | 13     | 17     | 0.709     | -0.049    | 3.442 | 0.016     | 0.013     | 0         | 55   | 55.9 | 32.3 | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 2    | 23     | 17     | 0.705     | -0.026    | 3.442 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 31.4 | 163        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 2    | 33     | 17     | 0.663     | -0.049    | 3.442 | 0.01      | 0.007     | 0         | 55   | 55.9 | 29.7 | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 2    | 43     | 17     | 0.728     | -0.026    | 3.442 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 32.7 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 2    | 53     | 17     | 0.732     | -0.01     | 3.442 | 0.016     | 0.013     | 0         | 55   | 55.9 | 31   | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 3    | 3      | 17     | 0.666     | -0.039    | 3.442 | 0.016     | 0.013     | 0         | 54.6 | 56.3 | 31.8 | 162        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 3    | 13     | 17     | 0.669     | -0.062    | 3.445 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 31.4 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 3    | 23     | 17     | 0.696     | -0.056    | 3.442 | 0.013     | 0.01      | 0         | 55   | 56.3 | 29.7 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 3    | 33     | 17     | 0.748     | -0.049    | 3.445 | 0.013     | 0.01      | 0         | 54.2 | 55.9 | 28.8 | 162        | 165        | 0          | 36     | 35     |
| 2009 | 6     | 18  | 3    | 43     | 17     | 0.719     | -0.062    | 3.442 | 0.013     | 0.01      | 0         | 55   | 55.9 | 28.4 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 3    | 53     | 17     | 0.715     | -0.052    | 3.442 | 0.016     | 0.016     | 0         | 54.6 | 55.9 | 31.4 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 4    | 3      | 17     | 0.738     | -0.052    | 3.442 | 0.013     | 0.01      | 0         | 55   | 55.9 | 30.5 | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 4    | 13     | 17     | 0.725     | 0         | 3.442 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 31   | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 4    | 23     | 17     | 0.607     | -0.069    | 3.442 | 0.01      | 0.007     | 0         | 55   | 55.9 | 30.5 | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 4    | 33     | 17     | 0.689     | -0.036    | 3.445 | 0.013     | 0.01      | 0         | 55   | 56.3 | 30.5 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 4    | 43     | 17     | 0.745     | -0.069    | 3.442 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 29.2 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 4    | 53     | 17     | 0.663     | -0.059    | 3.442 | 0.013     | 0.01      | 0         | 55   | 55.9 | 29.7 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 5    | 3      | 17     | 0.689     | -0.049    | 3.445 | 0.01      | 0.007     | 0         | 55   | 56.3 | 28.8 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 5    | 13     | 17     | 0.709     | -0.056    | 3.445 | 0.013     | 0.01      | 0         | 55   | 56.3 | 29.7 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 5    | 23     | 17     | 0.669     | -0.039    | 3.445 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 30.5 | 163        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 5    | 33     | 17     | 0.692     | -0.03     | 3.445 | 0.016     | 0.013     | 0         | 55   | 56.3 | 29.2 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 5    | 43     | 17     | 0.732     | -0.052    | 3.445 | 0.01      | 0.007     | 0         | 54.6 | 56.3 | 30.1 | 162        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 5    | 53     | 17     | 0.705     | 0         | 3.445 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 30.1 | 163        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 6    | 3      | 17     | 0.745     | -0.026    | 3.445 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 29.2 | 163        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 6    | 13     | 17     | 0.663     | -0.062    | 3.445 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 28.4 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 6    | 23     | 17     | 0.659     | -0.072    | 3.445 | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 30.5 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 6    | 33     | 17     | 0.705     | -0.049    | 3.445 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 29.7 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 6    | 43     | 17     | 0.686     | -0.039    | 3.445 | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 29.7 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 6    | 53     | 17     | 0.722     | -0.052    | 3.445 | 0.016     | 0.013     | 0         | 55   | 56.3 | 28.8 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 7    | 3      | 17     | 0.728     | -0.02     | 3.445 | 0.016     | 0.013     | 0         | 55   | 56.3 | 30.1 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 7    | 13     | 17     | 0.656     | -0.043    | 3.445 | 0.016     | 0.013     | 0         | 55   | 56.3 | 29.7 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 7    | 23     | 17     | 0.636     | -0.039    | 3.445 | 0.016     | 0.013     | 0         | 55   | 55.9 | 30.5 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 7    | 33     | 17     | 0.702     | -0.089    | 3.445 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 31   | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 7    | 43     | 17     | 0.676     | 0         | 3.445 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 31.8 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 18  | 7    | 53     | 17     | 0.696     | -0.039    | 3.445 | 0.01      | 0.007     | 0         | 54.6 | 56.3 | 31.4 | 163        | 166        | 0          | 36     | 35     |
| 2009 | 6     | 18  | 8    | 3      | 17     | 0.686     | -0.033    | 3.445 | 0.013     | 0.01      | 0         | 55   | 56.8 | 31.8 | 163        | 166        | 0          | 35     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 18  | 8    | 13     | 17     | 0.692     | -0.039    | 3.445 | 0.016     | 0.013     | 0         | 55   | 55.9 | 31.8 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 8    | 23     | 17     | 0.643     | -0.049    | 3.445 | 0.016     | 0.013     | 0         | 55   | 56.3 | 31.8 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 8    | 33     | 17     | 0.682     | -0.052    | 3.445 | 0.016     | 0.013     | 0         | 55   | 56.3 | 32.7 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 8    | 43     | 17     | 0.722     | -0.043    | 3.445 | 0.016     | 0.013     | 0         | 55   | 56.3 | 31.8 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 8    | 53     | 17     | 0.646     | -0.072    | 3.445 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 31.4 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 9    | 3      | 17     | 0.741     | -0.072    | 3.445 | 0.013     | 0.01      | 0         | 55   | 55.9 | 31.8 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 9    | 13     | 17     | 0.673     | -0.043    | 3.445 | 0.01      | 0.007     | 0         | 55   | 55.5 | 31.4 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 18  | 9    | 23     | 17     | 0.696     | -0.036    | 3.445 | 0.013     | 0.01      | 0         | 55   | 55.9 | 32.3 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 9    | 33     | 17     | 0.702     | -0.046    | 3.445 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 31.8 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 9    | 43     | 17     | 0.594     | -0.092    | 3.445 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 31.8 | 162        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 9    | 53     | 17     | 0.646     | -0.049    | 3.445 | 0.01      | 0.007     | 0         | 55   | 56.3 | 31.8 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 10   | 3      | 17     | 0.63      | -0.069    | 3.445 | 0.016     | 0.013     | 0         | 55   | 55.5 | 32.3 | 163        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 18  | 10   | 13     | 17     | 0.676     | -0.072    | 3.445 | 0.013     | 0.01      | 0         | 55   | 55.9 | 33.1 | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 10   | 23     | 17     | 0.705     | -0.059    | 3.445 | 0.01      | 0.007     | 0         | 55   | 55.9 | 32.7 | 163        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 10   | 33     | 17     | 0.663     | -0.059    | 3.445 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 31.8 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 10   | 43     | 17     | 0.666     | -0.026    | 3.445 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 31.4 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 10   | 53     | 17     | 0.656     | -0.069    | 3.445 | 0.013     | 0.01      | 0         | 55   | 55.5 | 33.1 | 162        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 11   | 3      | 17     | 0.682     | -0.033    | 3.445 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 33.5 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 11   | 13     | 17     | 0.764     | -0.007    | 3.445 | 0.01      | 0.007     | 0         | 54.2 | 55.5 | 32.7 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 11   | 23     | 17     | 0.702     | -0.016    | 3.445 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 31.8 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 11   | 33     | 17     | 0.63      | -0.02     | 3.445 | 0.016     | 0.013     | 0         | 54.2 | 55   | 31   | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 11   | 43     | 17     | 0.669     | -0.046    | 3.445 | 0.013     | 0.01      | 0         | 54.2 | 55   | 31.8 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 11   | 53     | 17     | 0.653     | -0.059    | 3.445 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 31.4 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 12   | 3      | 17     | 0.627     | -0.039    | 3.445 | 0.013     | 0.01      | 0         | 53.8 | 55   | 31.4 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 12   | 13     | 17     | 0.676     | -0.062    | 3.445 | 0.013     | 0.01      | 0         | 54.6 | 55   | 28.8 | 161        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 12   | 23     | 17     | 0.663     | -0.033    | 3.445 | 0.016     | 0.013     | 0         | 54.2 | 55   | 31   | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 12   | 33     | 17     | 0.673     | -0.03     | 3.445 | 0.016     | 0.013     | 0         | 54.6 | 55   | 30.1 | 161        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 12   | 43     | 17     | 0.65      | -0.052    | 3.445 | 0.01      | 0.007     | 0         | 54.2 | 55   | 31.4 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 12   | 53     | 17     | 0.587     | -0.052    | 3.445 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 30.5 | 161        | 163        | 0          | 35     | 34     |
| 2009 | 6     | 18  | 13   | 3      | 17     | 0.62      | -0.036    | 3.442 | 0.01      | 0.007     | 0         | 54.2 | 55   | 32.3 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 13   | 13     | 17     | 0.64      | 0.007     | 3.442 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 30.5 | 161        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 13   | 23     | 17     | 0.659     | -0.052    | 3.442 | 0.016     | 0.013     | 0         | 54.2 | 55   | 32.3 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 13   | 33     | 17     | 0.636     | -0.066    | 3.442 | 0.016     | 0.016     | 0         | 53.8 | 55   | 32.3 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 13   | 43     | 17     | 0.728     | -0.016    | 3.442 | 0.016     | 0.016     | 0         | 53.8 | 55   | 31.8 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 13   | 53     | 17     | 0.591     | -0.043    | 3.442 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 30.5 | 161        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 14   | 3      | 17     | 0.656     | -0.03     | 3.442 | 0.016     | 0.013     | 0         | 53.8 | 55   | 32.3 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 14   | 13     | 17     | 0.636     | -0.036    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 55   | 30.5 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 14   | 23     | 17     | 0.732     | -0.003    | 3.438 | 0.013     | 0.01      | 0         | 53.8 | 55   | 31   | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 14   | 33     | 17     | 0.663     | -0.052    | 3.438 | 0.013     | 0.01      | 0         | 54.2 | 55   | 31   | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 14   | 43     | 17     | 0.614     | -0.069    | 3.438 | 0.013     | 0.01      | 0         | 54.2 | 55   | 31   | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 14   | 53     | 17     | 0.696     | 0         | 3.438 | 0.013     | 0.01      | 0         | 53.8 | 55   | 31.8 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 15   | 3      | 17     | 0.607     | -0.046    | 3.438 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 32.3 | 161        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 15   | 13     | 17     | 0.673     | -0.046    | 3.438 | 0.013     | 0.01      | 0         | 54.6 | 55   | 30.1 | 161        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 15   | 23     | 17     | 0.633     | -0.046    | 3.442 | 0.016     | 0.013     | 0         | 53.8 | 55   | 31   | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 15   | 33     | 17     | 0.571     | -0.052    | 3.442 | 0.016     | 0.013     | 0         | 54.2 | 55   | 31.8 | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 15   | 43     | 17     | 0.643     | -0.036    | 3.438 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 31   | 161        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 15   | 53     | 17     | 0.63      | -0.039    | 3.438 | 0.016     | 0.013     | 0         | 54.2 | 55.9 | 31   | 161        | 164        | 0          | 35     | 34     |
| 2009 | 6     | 18  | 16   | 3      | 17     | 0.666     | -0.02     | 3.438 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 30.5 | 161        | 164        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 18  | 16   | 13     | 17     | 0.679     | -0.033    | 3.442 | 0.01      | 0.007     | 0         | 55   | 55.5 | 31   | 161        | 164        | 0          | 33     | 35     |
| 2009 | 6     | 18  | 16   | 23     | 17     | 0.656     | -0.033    | 3.442 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 31.8 | 161        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 16   | 33     | 17     | 0.682     | -0.049    | 3.442 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 31.4 | 161        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 16   | 43     | 17     | 0.633     | -0.039    | 3.442 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 31   | 161        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 16   | 53     | 17     | 0.689     | -0.03     | 3.442 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 33.1 | 161        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 17   | 3      | 17     | 0.686     | -0.033    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 55.9 | 31.4 | 161        | 164        | 0          | 35     | 34     |
| 2009 | 6     | 18  | 17   | 13     | 17     | 0.676     | -0.059    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 31   | 160        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 17   | 23     | 17     | 0.61      | -0.049    | 3.445 | 0.016     | 0.016     | 0         | 54.2 | 55   | 30.5 | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 17   | 33     | 17     | 0.646     | -0.03     | 3.448 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 31   | 160        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 17   | 43     | 17     | 0.705     | -0.023    | 3.445 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 31   | 160        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 17   | 53     | 17     | 0.666     | -0.02     | 3.445 | 0.016     | 0.013     | 0         | 54.2 | 55   | 31.4 | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 18   | 3      | 17     | 0.682     | -0.043    | 3.448 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 31.4 | 160        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 18   | 13     | 17     | 0.643     | -0.026    | 3.448 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 31   | 160        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 18   | 23     | 17     | 0.63      | -0.056    | 3.448 | 0.013     | 0.01      | 0         | 54.2 | 55.9 | 31.8 | 160        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 18   | 33     | 17     | 0.669     | -0.036    | 3.451 | 0.013     | 0.01      | 0         | 54.2 | 55   | 30.5 | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 18   | 43     | 17     | 0.673     | -0.059    | 3.451 | 0.016     | 0.013     | 0         | 54.2 | 55   | 31.8 | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 18   | 53     | 17     | 0.587     | -0.049    | 3.455 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 29.7 | 160        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 19   | 3      | 17     | 0.686     | -0.052    | 3.455 | 0.016     | 0.013     | 0         | 54.2 | 55   | 30.1 | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 19   | 13     | 17     | 0.65      | -0.016    | 3.455 | 0.016     | 0.016     | 0         | 53.8 | 55.5 | 30.5 | 160        | 163        | 0          | 35     | 34     |
| 2009 | 6     | 18  | 19   | 23     | 17     | 0.673     | -0.036    | 3.455 | 0.013     | 0.01      | 0         | 54.2 | 55   | 30.5 | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 19   | 33     | 17     | 0.745     | -0.03     | 3.458 | 0.016     | 0.013     | 0         | 54.2 | 55   | 31   | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 19   | 43     | 17     | 0.656     | -0.049    | 3.458 | 0.013     | 0.01      | 0         | 54.2 | 55   | 30.5 | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 19   | 53     | 17     | 0.722     | -0.066    | 3.461 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 31.4 | 160        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 20   | 3      | 17     | 0.774     | -0.013    | 3.461 | 0.013     | 0.01      | 0         | 53.8 | 55.5 | 31.8 | 159        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 20   | 13     | 17     | 0.676     | -0.036    | 3.461 | 0.01      | 0.007     | 0         | 54.2 | 55   | 31.4 | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 20   | 23     | 17     | 0.666     | -0.016    | 3.465 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 31.4 | 159        | 163        | 0          | 33     | 34     |
| 2009 | 6     | 18  | 20   | 33     | 17     | 0.686     | -0.02     | 3.465 | 0.013     | 0.01      | 0         | 53.3 | 55   | 32.3 | 159        | 162        | 0          | 35     | 34     |
| 2009 | 6     | 18  | 20   | 43     | 17     | 0.735     | -0.046    | 3.465 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 32.3 | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 20   | 53     | 17     | 0.689     | -0.052    | 3.465 | 0.013     | 0.01      | 0         | 54.6 | 55   | 32.7 | 160        | 163        | 0          | 33     | 35     |
| 2009 | 6     | 18  | 21   | 3      | 17     | 0.722     | -0.052    | 3.465 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 31   | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 21   | 13     | 17     | 0.741     | -0.033    | 3.465 | 0.01      | 0.007     | 0         | 53.8 | 55   | 33.1 | 159        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 21   | 23     | 17     | 0.791     | -0.023    | 3.465 | 0.013     | 0.01      | 0         | 53.8 | 55   | 31.4 | 159        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 21   | 33     | 17     | 0.696     | -0.03     | 3.465 | 0.016     | 0.016     | 0         | 54.2 | 55.5 | 32.7 | 160        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 21   | 43     | 17     | 0.715     | -0.036    | 3.468 | 0.016     | 0.013     | 0         | 54.2 | 55   | 32.7 | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 21   | 53     | 17     | 0.732     | -0.016    | 3.468 | 0.016     | 0.013     | 0         | 53.8 | 55   | 31.8 | 159        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 22   | 3      | 17     | 0.728     | -0.03     | 3.468 | 0.013     | 0.01      | 0         | 53.8 | 55   | 31.4 | 159        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 22   | 13     | 17     | 0.728     | 0.007     | 3.468 | 0.016     | 0.013     | 0         | 53.8 | 55   | 31.4 | 159        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 22   | 23     | 17     | 0.719     | -0.013    | 3.468 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 31.4 | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 22   | 33     | 17     | 0.728     | -0.007    | 3.468 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 31.4 | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 18  | 22   | 43     | 17     | 0.741     | -0.026    | 3.468 | 0.013     | 0.01      | 0         | 53.8 | 55   | 32.7 | 159        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 22   | 53     | 17     | 0.712     | -0.046    | 3.471 | 0.016     | 0.013     | 0         | 53.8 | 55   | 32.3 | 159        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 23   | 3      | 17     | 0.758     | -0.02     | 3.468 | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 31.4 | 158        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 23   | 13     | 17     | 0.702     | -0.026    | 3.471 | 0.013     | 0.01      | 0         | 53.3 | 55   | 31.8 | 158        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 23   | 23     | 17     | 0.732     | -0.066    | 3.471 | 0.01      | 0.007     | 0         | 53.3 | 55   | 31.4 | 158        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 23   | 33     | 17     | 0.728     | -0.013    | 3.471 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 31.4 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 18  | 23   | 43     | 17     | 0.715     | -0.033    | 3.471 | 0.016     | 0.016     | 0         | 53.3 | 54.6 | 31.8 | 158        | 161        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 23   | 53     | 17     | 0.686     | -0.092    | 3.471 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 31.4 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 0    | 3      | 17     | 0.771     | 0.013     | 3.471 | 0.016     | 0.013     | 0         | 53.8 | 55   | 31.4 | 159        | 162        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 19  | 0    | 13     | 17     | 0.735     | -0.033    | 3.474 | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 31   | 158        | 161        | 0          | 35     | 34     |
| 2009 | 6     | 19  | 0    | 23     | 17     | 0.719     | -0.01     | 3.474 | 0.013     | 0.01      | 0         | 53.3 | 55   | 30.5 | 159        | 162        | 0          | 35     | 34     |
| 2009 | 6     | 19  | 0    | 33     | 17     | 0.712     | -0.039    | 3.474 | 0.016     | 0.013     | 0         | 53.8 | 55   | 32.3 | 159        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 0    | 43     | 17     | 0.771     | -0.046    | 3.474 | 0.016     | 0.013     | 0         | 53.3 | 55   | 30.1 | 159        | 162        | 0          | 35     | 34     |
| 2009 | 6     | 19  | 0    | 53     | 17     | 0.764     | -0.026    | 3.478 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 30.5 | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 1    | 3      | 17     | 0.738     | -0.033    | 3.481 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 30.5 | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 1    | 13     | 17     | 0.709     | -0.02     | 3.484 | 0.013     | 0.01      | 0         | 53.8 | 55.5 | 30.1 | 159        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 1    | 23     | 17     | 0.709     | -0.036    | 3.488 | 0.016     | 0.016     | 0         | 53.3 | 54.6 | 30.5 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 1    | 33     | 17     | 0.715     | -0.056    | 3.491 | 0.016     | 0.013     | 0         | 53.8 | 55   | 31   | 159        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 1    | 43     | 17     | 0.719     | -0.043    | 3.491 | 0.013     | 0.01      | 0         | 54.2 | 55   | 31   | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 1    | 53     | 17     | 0.797     | -0.033    | 3.491 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 30.5 | 160        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 2    | 3      | 17     | 0.705     | 0         | 3.494 | 0.01      | 0.007     | 0         | 54.2 | 55   | 31   | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 2    | 13     | 17     | 0.797     | -0.016    | 3.494 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 31   | 160        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 2    | 23     | 17     | 0.778     | -0.033    | 3.494 | 0.013     | 0.01      | 0         | 53.8 | 55   | 30.1 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 2    | 33     | 17     | 0.732     | -0.052    | 3.497 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 31.4 | 161        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 2    | 43     | 17     | 0.761     | -0.03     | 3.497 | 0.013     | 0.01      | 0         | 53.8 | 55.9 | 31.4 | 160        | 164        | 0          | 35     | 34     |
| 2009 | 6     | 19  | 2    | 53     | 17     | 0.722     | 0.007     | 3.497 | 0.016     | 0.013     | 0         | 53.8 | 55   | 31   | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 3    | 3      | 17     | 0.751     | -0.036    | 3.497 | 0.013     | 0.01      | 0         | 54.2 | 55   | 31.4 | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 3    | 13     | 17     | 0.715     | -0.016    | 3.497 | 0.013     | 0.01      | 0         | 54.2 | 55   | 32.3 | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 3    | 23     | 17     | 0.784     | -0.026    | 3.497 | 0.013     | 0.01      | 0         | 54.2 | 55.9 | 30.5 | 161        | 164        | 0          | 35     | 34     |
| 2009 | 6     | 19  | 3    | 33     | 17     | 0.764     | 0         | 3.497 | 0.016     | 0.013     | 0         | 54.6 | 55   | 31   | 161        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 3    | 43     | 17     | 0.755     | -0.049    | 3.501 | 0.013     | 0.01      | 0         | 54.2 | 55   | 32.3 | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 3    | 53     | 17     | 0.771     | -0.013    | 3.501 | 0.013     | 0.01      | 0         | 54.2 | 55   | 31   | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 4    | 3      | 17     | 0.774     | -0.007    | 3.501 | 0.013     | 0.01      | 0         | 53.8 | 55.5 | 31   | 160        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 4    | 13     | 17     | 0.735     | -0.026    | 3.501 | 0.013     | 0.01      | 0         | 53.8 | 55.5 | 30.1 | 160        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 4    | 23     | 17     | 0.748     | 0.007     | 3.504 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 29.7 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 4    | 33     | 17     | 0.764     | -0.056    | 3.504 | 0.016     | 0.016     | 0         | 54.6 | 55.9 | 29.7 | 161        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 4    | 43     | 17     | 0.761     | -0.02     | 3.504 | 0.01      | 0.007     | 0         | 53.8 | 55   | 30.5 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 4    | 53     | 17     | 0.673     | -0.036    | 3.504 | 0.013     | 0.01      | 0         | 53.8 | 55   | 29.7 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 5    | 3      | 17     | 0.696     | -0.049    | 3.507 | 0.016     | 0.013     | 0         | 53.8 | 55   | 28.8 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 5    | 13     | 17     | 0.787     | -0.023    | 3.51  | 0.01      | 0.007     | 0         | 54.2 | 55   | 29.7 | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 5    | 23     | 17     | 0.771     | -0.036    | 3.514 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 30.1 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 5    | 33     | 17     | 0.709     | -0.039    | 3.514 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 28   | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 5    | 43     | 17     | 0.758     | 0         | 3.517 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 29.7 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 5    | 53     | 17     | 0.738     | 0.003     | 3.52  | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 30.1 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 6    | 3      | 17     | 0.768     | -0.016    | 3.524 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 30.5 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 6    | 13     | 17     | 0.741     | 0         | 3.524 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 29.2 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 6    | 23     | 17     | 0.761     | -0.036    | 3.527 | 0.01      | 0.007     | 0         | 54.2 | 55   | 31.4 | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 6    | 33     | 17     | 0.768     | 0         | 3.527 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 31   | 159        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 6    | 43     | 17     | 0.712     | -0.052    | 3.53  | 0.01      | 0.007     | 0         | 53.8 | 55   | 31.4 | 159        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 6    | 53     | 17     | 0.719     | -0.033    | 3.53  | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 31.8 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 7    | 3      | 17     | 0.699     | -0.023    | 3.53  | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 31.8 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 7    | 13     | 17     | 0.725     | -0.007    | 3.53  | 0.013     | 0.01      | 0         | 53.3 | 55   | 31.4 | 159        | 162        | 0          | 35     | 34     |
| 2009 | 6     | 19  | 7    | 23     | 17     | 0.679     | -0.069    | 3.53  | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 32.3 | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 7    | 33     | 17     | 0.669     | -0.056    | 3.53  | 0.016     | 0.013     | 0         | 52.9 | 54.6 | 31.8 | 158        | 161        | 0          | 35     | 34     |
| 2009 | 6     | 19  | 7    | 43     | 17     | 0.702     | -0.013    | 3.533 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 31.4 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 7    | 53     | 17     | 0.768     | -0.003    | 3.533 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 30.1 | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 8    | 3      | 17     | 0.666     | -0.03     | 3.533 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 31.8 | 158        | 162        | 0          | 35     | 36     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 19  | 8    | 13     | 17     | 0.709     | -0.033    | 3.537 | 0.016     | 0.013     | 0         | 53.8 | 55   | 30.5 | 159        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 8    | 23     | 17     | 0.755     | 0.01      | 3.537 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 31   | 159        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 8    | 33     | 17     | 0.692     | -0.023    | 3.537 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 30.1 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 8    | 43     | 17     | 0.689     | -0.052    | 3.537 | 0.016     | 0.016     | 0         | 53.3 | 54.6 | 31   | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 8    | 53     | 17     | 0.699     | -0.056    | 3.54  | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 31   | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 9    | 3      | 17     | 0.686     | -0.036    | 3.54  | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 31.4 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 9    | 13     | 17     | 0.653     | -0.085    | 3.54  | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 30.5 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 9    | 23     | 17     | 0.725     | -0.046    | 3.54  | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 31   | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 9    | 33     | 17     | 0.686     | -0.03     | 3.543 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 30.5 | 159        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 9    | 43     | 17     | 0.686     | -0.052    | 3.543 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 30.1 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 9    | 53     | 17     | 0.699     | -0.03     | 3.543 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 30.1 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 10   | 3      | 17     | 0.712     | -0.016    | 3.547 | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 31.8 | 158        | 161        | 0          | 35     | 34     |
| 2009 | 6     | 19  | 10   | 13     | 17     | 0.751     | -0.01     | 3.547 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 29.7 | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 10   | 23     | 17     | 0.732     | -0.023    | 3.55  | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 31.4 | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 10   | 33     | 17     | 0.696     | -0.016    | 3.55  | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 30.5 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 10   | 43     | 17     | 0.696     | -0.02     | 3.553 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 31.8 | 159        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 10   | 53     | 17     | 0.732     | -0.016    | 3.553 | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 31.8 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 11   | 3      | 17     | 0.62      | -0.033    | 3.556 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 30.1 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 11   | 13     | 17     | 0.696     | -0.016    | 3.556 | 0.01      | 0.007     | 0         | 54.2 | 55   | 31.8 | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 11   | 23     | 17     | 0.709     | -0.01     | 3.56  | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 31.4 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 11   | 33     | 17     | 0.686     | -0.003    | 3.563 | 0.01      | 0.007     | 0         | 53.8 | 55   | 32.3 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 11   | 43     | 17     | 0.758     | 0.003     | 3.563 | 0.013     | 0.01      | 0         | 53.8 | 55   | 40.9 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 11   | 53     | 17     | 0.689     | -0.039    | 3.563 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 31.4 | 161        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 12   | 3      | 17     | 0.673     | -0.023    | 3.566 | 0.013     | 0.01      | 0         | 55   | 55.9 | 32.3 | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 12   | 13     | 17     | 0.738     | -0.023    | 3.566 | 0.016     | 0.013     | 0         | 55   | 55.9 | 40.4 | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 12   | 23     | 17     | 0.702     | -0.016    | 3.566 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 39.6 | 161        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 12   | 33     | 17     | 0.692     | -0.043    | 3.57  | 0.01      | 0.007     | 0         | 54.2 | 55   | 32.7 | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 12   | 43     | 17     | 0.696     | -0.02     | 3.57  | 0.01      | 0.007     | 0         | 54.2 | 55.5 | 37.4 | 160        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 12   | 53     | 17     | 0.725     | -0.033    | 3.573 | 0.01      | 0.007     | 0         | 54.6 | 55   | 40.9 | 161        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 13   | 3      | 17     | 0.702     | -0.036    | 3.573 | 0.013     | 0.01      | 0         | 53.8 | 55.5 | 34.8 | 160        | 163        | 0          | 35     | 34     |
| 2009 | 6     | 19  | 13   | 13     | 17     | 0.682     | -0.03     | 3.573 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 43.4 | 160        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 13   | 23     | 17     | 0.686     | -0.033    | 3.576 | 0.013     | 0.01      | 0         | 54.2 | 55   | 35.7 | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 13   | 33     | 17     | 0.686     | 0.01      | 3.576 | 0.013     | 0.01      | 0         | 53.8 | 55   | 37   | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 13   | 43     | 17     | 0.725     | -0.01     | 3.579 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 45.2 | 161        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 13   | 53     | 17     | 0.702     | -0.036    | 3.576 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 44.3 | 161        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 14   | 3      | 17     | 0.676     | -0.026    | 3.579 | 0.016     | 0.013     | 0         | 55   | 56.3 | 41.7 | 162        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 14   | 13     | 17     | 0.686     | -0.03     | 3.579 | 0.01      | 0.007     | 0         | 55.5 | 56.8 | 41.7 | 163        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 14   | 23     | 17     | 0.702     | -0.013    | 3.583 | 0.01      | 0.007     | 0         | 55   | 56.8 | 41.7 | 163        | 166        | 0          | 35     | 34     |
| 2009 | 6     | 19  | 14   | 33     | 17     | 0.722     | -0.023    | 3.583 | 0.013     | 0.01      | 0         | 55   | 55.9 | 43.4 | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 14   | 43     | 17     | 0.751     | -0.013    | 3.583 | 0.016     | 0.013     | 0         | 55   | 55.9 | 40.4 | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 14   | 53     | 17     | 0.738     | -0.046    | 3.583 | 0.016     | 0.013     | 0         | 55   | 55.9 | 37.8 | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 15   | 3      | 17     | 0.659     | -0.026    | 3.583 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 40   | 161        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 15   | 13     | 17     | 0.709     | -0.026    | 3.586 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 35.3 | 161        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 15   | 23     | 17     | 0.676     | -0.049    | 3.586 | 0.016     | 0.013     | 0         | 55   | 55   | 37   | 161        | 163        | 0          | 33     | 35     |
| 2009 | 6     | 19  | 15   | 33     | 17     | 0.715     | -0.049    | 3.586 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 31.4 | 160        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 15   | 43     | 17     | 0.722     | -0.02     | 3.586 | 0.01      | 0.007     | 0         | 54.2 | 55.5 | 36.1 | 160        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 15   | 53     | 17     | 0.735     | -0.052    | 3.589 | 0.01      | 0.007     | 0         | 53.8 | 55   | 36.5 | 159        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 16   | 3      | 17     | 0.735     | -0.03     | 3.589 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 35.7 | 158        | 161        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 19  | 16   | 13     | 17     | 0.659     | -0.066    | 3.589 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 37.4 | 158        | 161        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 16   | 23     | 17     | 0.705     | -0.039    | 3.589 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 37   | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 16   | 33     | 17     | 0.761     | -0.049    | 3.593 | 0.01      | 0.007     | 0         | 53.8 | 55   | 42.6 | 159        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 16   | 43     | 17     | 0.741     | -0.069    | 3.593 | 0.013     | 0.01      | 0         | 54.2 | 55   | 43   | 160        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 16   | 53     | 17     | 0.673     | -0.036    | 3.593 | 0.016     | 0.013     | 0         | 54.2 | 55   | 39.1 | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 17   | 3      | 17     | 0.686     | -0.052    | 3.596 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 49   | 161        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 17   | 13     | 17     | 0.656     | -0.039    | 3.596 | 0.016     | 0.013     | 0         | 55   | 55.9 | 44.3 | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 17   | 23     | 17     | 0.712     | -0.01     | 3.596 | 0.016     | 0.013     | 0         | 55   | 56.3 | 37   | 162        | 165        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 17   | 33     | 17     | 0.686     | 0         | 3.599 | 0.016     | 0.013     | 0         | 55   | 56.3 | 48.2 | 162        | 165        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 17   | 43     | 17     | 0.725     | -0.033    | 3.599 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 49   | 163        | 165        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 17   | 53     | 17     | 0.709     | -0.039    | 3.596 | 0.01      | 0.007     | 0         | 55.5 | 56.8 | 36.1 | 163        | 166        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 18   | 3      | 17     | 0.745     | -0.039    | 3.599 | 0.013     | 0.01      | 0         | 55   | 55.9 | 37.8 | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 18   | 13     | 17     | 0.761     | 0.016     | 3.599 | 0.016     | 0.013     | 0         | 55   | 55.5 | 38.3 | 162        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 18   | 23     | 17     | 0.758     | -0.033    | 3.602 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 41.3 | 160        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 18   | 33     | 17     | 0.778     | 0         | 3.602 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 40.4 | 161        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 18   | 43     | 17     | 0.794     | -0.016    | 3.606 | 0.016     | 0.016     | 0         | 54.2 | 55.5 | 41.3 | 160        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 18   | 53     | 17     | 0.804     | -0.01     | 3.606 | 0.016     | 0.013     | 0         | 54.2 | 55   | 43   | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 19   | 3      | 17     | 0.758     | -0.016    | 3.609 | 0.01      | 0.007     | 0         | 54.2 | 55   | 43   | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 19   | 13     | 17     | 0.751     | -0.062    | 3.612 | 0.01      | 0.007     | 0         | 53.8 | 55.5 | 36.1 | 159        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 19   | 23     | 17     | 0.741     | -0.033    | 3.615 | 0.013     | 0.01      | 0         | 53.8 | 55   | 36.5 | 159        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 19   | 33     | 17     | 0.817     | 0         | 3.615 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 34   | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 19   | 43     | 17     | 0.719     | -0.03     | 3.615 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 36.1 | 158        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 19   | 53     | 17     | 0.719     | -0.056    | 3.615 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 40.4 | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 20   | 3      | 17     | 0.787     | -0.049    | 3.619 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 36.1 | 158        | 161        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 20   | 13     | 17     | 0.755     | 0         | 3.622 | 0.01      | 0.007     | 0         | 52.5 | 54.6 | 42.6 | 157        | 161        | 0          | 35     | 34     |
| 2009 | 6     | 19  | 20   | 23     | 17     | 0.764     | 0         | 3.622 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 44.7 | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 20   | 33     | 17     | 0.745     | -0.052    | 3.622 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 36.5 | 158        | 161        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 20   | 43     | 17     | 0.725     | -0.059    | 3.622 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 37.4 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 20   | 53     | 17     | 0.801     | 0         | 3.622 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 37.8 | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 21   | 3      | 17     | 0.738     | -0.036    | 3.622 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 39.1 | 159        | 161        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 21   | 13     | 17     | 0.712     | -0.03     | 3.625 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 39.6 | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 21   | 23     | 17     | 0.735     | 0.003     | 3.625 | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 38.3 | 158        | 161        | 0          | 35     | 34     |
| 2009 | 6     | 19  | 21   | 33     | 17     | 0.863     | -0.02     | 3.625 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 39.6 | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 21   | 43     | 17     | 0.741     | -0.02     | 3.625 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 37   | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 21   | 53     | 17     | 0.804     | -0.039    | 3.625 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 36.1 | 158        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 22   | 3      | 17     | 0.787     | -0.026    | 3.629 | 0.016     | 0.016     | 0         | 52.9 | 54.2 | 37   | 157        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 22   | 13     | 17     | 0.748     | -0.026    | 3.629 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 40.4 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 22   | 23     | 17     | 0.817     | -0.026    | 3.629 | 0.013     | 0.01      | 0         | 53.8 | 55   | 37.8 | 159        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 22   | 33     | 17     | 0.751     | -0.016    | 3.629 | 0.016     | 0.013     | 0         | 53.3 | 55   | 35.3 | 159        | 162        | 0          | 35     | 34     |
| 2009 | 6     | 19  | 22   | 43     | 17     | 0.705     | -0.056    | 3.632 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 39.1 | 159        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 22   | 53     | 17     | 0.705     | -0.069    | 3.632 | 0.016     | 0.016     | 0         | 53.3 | 54.6 | 37   | 158        | 161        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 23   | 3      | 17     | 0.827     | -0.016    | 3.632 | 0.01      | 0.007     | 0         | 52.5 | 54.2 | 34.8 | 157        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 19  | 23   | 13     | 17     | 0.807     | -0.043    | 3.632 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 31.8 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 23   | 23     | 17     | 0.741     | -0.01     | 3.635 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 34.8 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 23   | 33     | 17     | 0.778     | -0.033    | 3.635 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 34   | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 19  | 23   | 43     | 17     | 0.758     | -0.033    | 3.638 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 33.1 | 157        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 23   | 53     | 17     | 0.715     | -0.016    | 3.642 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 33.1 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 0    | 3      | 17     | 0.794     | -0.066    | 3.645 | 0.01      | 0.007     | 0         | 52   | 53.8 | 33.5 | 156        | 159        | 0          | 35     | 34     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 20  | 0    | 13     | 17     | 0.804     | 0.033     | 3.648 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 40.9 | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 0    | 23     | 17     | 0.761     | -0.049    | 3.648 | 0.01      | 0.007     | 0         | 52   | 53.3 | 35.7 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 0    | 33     | 17     | 0.774     | -0.052    | 3.652 | 0.013     | 0.01      | 0         | 52   | 53.3 | 34   | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 0    | 43     | 17     | 0.837     | -0.013    | 3.652 | 0.016     | 0.013     | 0         | 52   | 53.3 | 37.4 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 0    | 53     | 17     | 0.728     | -0.056    | 3.652 | 0.013     | 0.01      | 0         | 52   | 53.3 | 34   | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 1    | 3      | 17     | 0.771     | 0         | 3.652 | 0.013     | 0.01      | 0         | 52   | 52.9 | 34   | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 1    | 13     | 17     | 0.801     | -0.026    | 3.652 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 34   | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 1    | 23     | 17     | 0.787     | -0.007    | 3.655 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 33.1 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 1    | 33     | 17     | 0.745     | -0.003    | 3.655 | 0.01      | 0.007     | 0         | 52   | 52.9 | 34.8 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 1    | 43     | 17     | 0.784     | 0         | 3.655 | 0.013     | 0.01      | 0         | 52   | 52.9 | 34.4 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 1    | 53     | 17     | 0.755     | -0.033    | 3.655 | 0.01      | 0.007     | 0         | 51.6 | 53.3 | 34   | 155        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 20  | 2    | 3      | 17     | 0.778     | -0.056    | 3.655 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 34   | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 2    | 13     | 17     | 0.764     | -0.062    | 3.655 | 0.013     | 0.01      | 0         | 52   | 52.9 | 31.8 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 2    | 23     | 17     | 0.784     | -0.043    | 3.658 | 0.013     | 0.01      | 0         | 51.6 | 52.5 | 33.1 | 154        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 2    | 33     | 17     | 0.719     | -0.066    | 3.658 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 32.3 | 154        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 2    | 43     | 17     | 0.768     | 0.02      | 3.658 | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 31.8 | 154        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 2    | 53     | 17     | 0.751     | -0.033    | 3.658 | 0.013     | 0.01      | 0         | 51.2 | 52.5 | 34.8 | 154        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 3    | 3      | 17     | 0.768     | -0.02     | 3.661 | 0.01      | 0.007     | 0         | 52   | 52.9 | 31.4 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 3    | 13     | 17     | 0.755     | -0.033    | 3.661 | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 33.1 | 154        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 3    | 23     | 17     | 0.758     | -0.056    | 3.661 | 0.01      | 0.007     | 0         | 52   | 52.9 | 31.4 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 3    | 33     | 17     | 0.758     | -0.062    | 3.661 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 32.7 | 154        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 3    | 43     | 17     | 0.764     | -0.046    | 3.665 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 32.3 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 3    | 53     | 17     | 0.761     | -0.049    | 3.668 | 0.013     | 0.01      | 0         | 51.2 | 52.5 | 31   | 154        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 4    | 3      | 17     | 0.764     | -0.039    | 3.671 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 31.4 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 4    | 13     | 17     | 0.709     | -0.052    | 3.671 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 30.5 | 156        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 4    | 23     | 17     | 0.83      | -0.056    | 3.675 | 0.01      | 0.007     | 0         | 52   | 52.9 | 30.5 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 4    | 33     | 17     | 0.755     | -0.039    | 3.678 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 31.4 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 4    | 43     | 17     | 0.778     | -0.026    | 3.681 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 31.8 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 4    | 53     | 17     | 0.774     | -0.062    | 3.681 | 0.013     | 0.01      | 0         | 52   | 52.9 | 33.1 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 5    | 3      | 17     | 0.781     | -0.016    | 3.684 | 0.016     | 0.016     | 0         | 52   | 53.3 | 32.7 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 5    | 13     | 17     | 0.755     | -0.049    | 3.684 | 0.01      | 0.007     | 0         | 52   | 53.3 | 31   | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 5    | 23     | 17     | 0.771     | -0.036    | 3.684 | 0.016     | 0.016     | 0         | 52.5 | 53.3 | 33.1 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 5    | 33     | 17     | 0.787     | -0.046    | 3.684 | 0.013     | 0.01      | 0         | 52   | 53.3 | 33.1 | 156        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 20  | 5    | 43     | 17     | 0.741     | -0.013    | 3.688 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 31.8 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 5    | 53     | 17     | 0.784     | -0.052    | 3.688 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 33.1 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 6    | 3      | 17     | 0.748     | -0.016    | 3.688 | 0.01      | 0.007     | 0         | 52.9 | 54.6 | 32.3 | 158        | 161        | 0          | 35     | 34     |
| 2009 | 6     | 20  | 6    | 13     | 17     | 0.768     | -0.016    | 3.688 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 30.1 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 6    | 23     | 17     | 0.768     | -0.01     | 3.688 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 32.3 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 6    | 33     | 17     | 0.764     | 0         | 3.691 | 0.01      | 0.007     | 0         | 52.5 | 54.2 | 31.8 | 157        | 160        | 0          | 35     | 34     |
| 2009 | 6     | 20  | 6    | 43     | 17     | 0.784     | -0.043    | 3.691 | 0.016     | 0.016     | 0         | 53.3 | 54.2 | 31   | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 6    | 53     | 17     | 0.732     | -0.062    | 3.691 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 31.8 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 7    | 3      | 17     | 0.732     | -0.039    | 3.691 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 31.8 | 157        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 7    | 13     | 17     | 0.751     | -0.066    | 3.691 | 0.016     | 0.013     | 0         | 52.5 | 53.3 | 32.7 | 157        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 7    | 23     | 17     | 0.807     | -0.049    | 3.694 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 30.1 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 7    | 33     | 17     | 0.817     | -0.059    | 3.694 | 0.013     | 0.01      | 0         | 52   | 53.3 | 31.8 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 7    | 43     | 17     | 0.709     | -0.033    | 3.694 | 0.01      | 0.007     | 0         | 52.5 | 54.2 | 31.8 | 157        | 160        | 0          | 35     | 34     |
| 2009 | 6     | 20  | 7    | 53     | 17     | 0.778     | -0.049    | 3.694 | 0.016     | 0.013     | 0         | 52   | 53.3 | 32.3 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 8    | 3      | 17     | 0.778     | -0.043    | 3.698 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 31.8 | 157        | 160        | 0          | 34     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 20  | 8    | 13     | 17     | 0.791     | -0.03     | 3.698 | 0.016     | 0.013     | 0         | 52.5 | 53.3 | 31.4 | 157        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 8    | 23     | 17     | 0.837     | -0.026    | 3.698 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 31   | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 8    | 33     | 17     | 0.748     | -0.033    | 3.698 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 32.7 | 156        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 8    | 43     | 17     | 0.738     | -0.003    | 3.701 | 0.01      | 0.007     | 0         | 52.5 | 54.2 | 30.1 | 156        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 8    | 53     | 17     | 0.715     | -0.066    | 3.701 | 0.013     | 0.01      | 0         | 52   | 53.3 | 31   | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 9    | 3      | 17     | 0.755     | -0.016    | 3.701 | 0.013     | 0.01      | 0         | 52.5 | 54.2 | 31.4 | 156        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 9    | 13     | 17     | 0.787     | -0.043    | 3.701 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 31.8 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 9    | 23     | 17     | 0.712     | -0.043    | 3.701 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 31.8 | 156        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 9    | 33     | 17     | 0.761     | -0.066    | 3.704 | 0.016     | 0.013     | 0         | 52   | 53.3 | 32.3 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 9    | 43     | 17     | 0.768     | -0.059    | 3.707 | 0.016     | 0.016     | 0         | 52.5 | 52.9 | 31.8 | 156        | 159        | 0          | 34     | 36     |
| 2009 | 6     | 20  | 9    | 53     | 17     | 0.797     | -0.062    | 3.707 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 30.5 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 10   | 3      | 17     | 0.774     | -0.016    | 3.707 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 32.3 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 10   | 13     | 17     | 0.722     | -0.046    | 3.707 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 31.8 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 10   | 23     | 17     | 0.728     | -0.069    | 3.707 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 31   | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 10   | 33     | 17     | 0.725     | -0.052    | 3.707 | 0.016     | 0.013     | 0         | 52.5 | 53.3 | 32.3 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 10   | 43     | 17     | 0.692     | -0.066    | 3.707 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 31   | 157        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 10   | 53     | 17     | 0.761     | -0.046    | 3.711 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 32.3 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 11   | 3      | 17     | 0.728     | -0.052    | 3.711 | 0.01      | 0.007     | 0         | 52   | 53.8 | 32.3 | 156        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 20  | 11   | 13     | 17     | 0.725     | -0.052    | 3.711 | 0.013     | 0.01      | 0         | 52   | 53.3 | 31.8 | 155        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 11   | 23     | 17     | 0.728     | -0.049    | 3.714 | 0.016     | 0.013     | 0         | 52   | 52.9 | 31   | 156        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 11   | 33     | 17     | 0.735     | -0.066    | 3.711 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 33.1 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 11   | 43     | 17     | 0.722     | -0.046    | 3.714 | 0.013     | 0.01      | 0         | 52   | 52.9 | 31.8 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 11   | 53     | 17     | 0.725     | -0.026    | 3.714 | 0.013     | 0.01      | 0         | 51.6 | 52.5 | 32.7 | 155        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 12   | 3      | 17     | 0.669     | -0.075    | 3.714 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 32.7 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 12   | 13     | 17     | 0.719     | -0.066    | 3.714 | 0.01      | 0.007     | 0         | 52   | 52.9 | 32.3 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 12   | 23     | 17     | 0.702     | -0.043    | 3.714 | 0.01      | 0.007     | 0         | 51.6 | 53.3 | 33.1 | 155        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 20  | 12   | 33     | 17     | 0.722     | -0.079    | 3.714 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 32.3 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 12   | 43     | 17     | 0.65      | -0.052    | 3.714 | 0.01      | 0.007     | 0         | 52   | 52.9 | 33.5 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 12   | 53     | 17     | 0.699     | -0.043    | 3.714 | 0.013     | 0.01      | 0         | 52   | 52.9 | 34.8 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 13   | 3      | 17     | 0.741     | -0.026    | 3.714 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 32.7 | 158        | 161        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 13   | 13     | 17     | 0.676     | -0.059    | 3.714 | 0.01      | 0.007     | 0         | 53.8 | 55   | 33.5 | 159        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 13   | 23     | 17     | 0.692     | -0.016    | 3.714 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 31.8 | 158        | 161        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 13   | 33     | 17     | 0.705     | -0.059    | 3.714 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 34.4 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 13   | 43     | 17     | 0.712     | -0.02     | 3.714 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 33.1 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 13   | 53     | 17     | 0.702     | -0.033    | 3.714 | 0.016     | 0.013     | 0         | 52.9 | 53.8 | 32.3 | 157        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 14   | 3      | 17     | 0.741     | -0.043    | 3.717 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 32.3 | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 14   | 13     | 17     | 0.712     | -0.023    | 3.717 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 33.1 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 14   | 23     | 17     | 0.63      | -0.052    | 3.72  | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 36.1 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 14   | 33     | 17     | 0.689     | -0.066    | 3.72  | 0.013     | 0.01      | 0         | 51.6 | 53.8 | 39.6 | 155        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 20  | 14   | 43     | 17     | 0.751     | -0.046    | 3.717 | 0.01      | 0.007     | 0         | 52   | 52.9 | 33.1 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 14   | 53     | 17     | 0.692     | -0.043    | 3.717 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 35.3 | 154        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 15   | 3      | 17     | 0.728     | -0.056    | 3.717 | 0.016     | 0.013     | 0         | 51.6 | 52.5 | 33.5 | 154        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 15   | 13     | 17     | 0.692     | -0.072    | 3.72  | 0.016     | 0.013     | 0         | 51.6 | 52.5 | 33.1 | 154        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 15   | 23     | 17     | 0.686     | -0.02     | 3.72  | 0.013     | 0.01      | 0         | 51.2 | 52.9 | 33.5 | 154        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 20  | 15   | 33     | 17     | 0.748     | -0.033    | 3.72  | 0.01      | 0.007     | 0         | 51.2 | 52   | 34.8 | 153        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 15   | 43     | 17     | 0.745     | -0.003    | 3.72  | 0.013     | 0.01      | 0         | 51.2 | 52.5 | 33.1 | 153        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 15   | 53     | 17     | 0.725     | -0.039    | 3.72  | 0.01      | 0.007     | 0         | 51.6 | 52.5 | 33.1 | 154        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 16   | 3      | 17     | 0.778     | 0.02      | 3.72  | 0.013     | 0.01      | 0         | 51.2 | 52   | 32.3 | 153        | 156        | 0          | 34     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 20  | 16   | 13     | 17     | 0.755     | -0.016    | 3.72  | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 33.5 | 154        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 16   | 23     | 17     | 0.709     | -0.052    | 3.72  | 0.013     | 0.01      | 0         | 51.2 | 52.5 | 33.5 | 153        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 16   | 33     | 17     | 0.748     | -0.046    | 3.72  | 0.016     | 0.013     | 0         | 50.7 | 52.5 | 34   | 152        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 16   | 43     | 17     | 0.712     | -0.052    | 3.72  | 0.016     | 0.016     | 0         | 51.2 | 52.5 | 33.1 | 153        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 16   | 53     | 17     | 0.791     | -0.016    | 3.734 | 0.013     | 0.01      | 0         | 51.6 | 52.5 | 50.7 | 154        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 17   | 3      | 17     | 0.712     | -0.052    | 3.724 | 0.016     | 0.013     | 0         | 52   | 53.3 | 33.1 | 155        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 17   | 13     | 17     | 0.696     | -0.069    | 3.72  | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 34.4 | 157        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 17   | 23     | 17     | 0.817     | 0.013     | 3.72  | 0.013     | 0.01      | 0         | 52   | 53.8 | 34   | 155        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 17   | 33     | 17     | 0.705     | -0.036    | 3.72  | 0.016     | 0.013     | 0         | 52   | 52.5 | 34   | 154        | 157        | 0          | 33     | 35     |
| 2009 | 6     | 20  | 17   | 43     | 17     | 0.755     | -0.02     | 3.724 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 33.1 | 154        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 17   | 53     | 17     | 0.761     | -0.052    | 3.724 | 0.013     | 0.01      | 0         | 51.2 | 52.9 | 34.8 | 153        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 18   | 3      | 17     | 0.774     | -0.007    | 3.72  | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 32.3 | 154        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 18   | 13     | 17     | 0.748     | -0.072    | 3.72  | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 31.8 | 154        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 18   | 23     | 17     | 0.781     | -0.023    | 3.72  | 0.016     | 0.016     | 0         | 52   | 53.3 | 33.5 | 155        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 18   | 33     | 17     | 0.712     | -0.043    | 3.72  | 0.013     | 0.01      | 0         | 52   | 53.3 | 32.7 | 155        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 18   | 43     | 17     | 0.787     | -0.036    | 3.72  | 0.013     | 0.01      | 0         | 52   | 52.9 | 32.7 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 18   | 53     | 17     | 0.745     | -0.043    | 3.72  | 0.016     | 0.013     | 0         | 51.6 | 53.3 | 33.1 | 155        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 20  | 19   | 3      | 17     | 0.755     | -0.043    | 3.724 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 32.7 | 154        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 19   | 13     | 17     | 0.745     | -0.049    | 3.72  | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 32.7 | 154        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 19   | 23     | 17     | 0.702     | -0.03     | 3.724 | 0.013     | 0.01      | 0         | 52   | 53.3 | 32.7 | 155        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 19   | 33     | 17     | 0.768     | -0.056    | 3.72  | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 33.5 | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 19   | 43     | 17     | 0.745     | -0.02     | 3.72  | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 31   | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 19   | 53     | 17     | 0.764     | -0.026    | 3.724 | 0.016     | 0.016     | 0         | 52.9 | 54.2 | 33.1 | 157        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 20   | 3      | 17     | 0.764     | -0.026    | 3.724 | 0.016     | 0.013     | 0         | 52.5 | 53.3 | 32.3 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 20   | 13     | 17     | 0.814     | -0.03     | 3.724 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 32.7 | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 20   | 23     | 17     | 0.797     | -0.039    | 3.724 | 0.013     | 0.01      | 0         | 52   | 52.9 | 31.4 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 20   | 33     | 17     | 0.778     | -0.026    | 3.724 | 0.02      | 0.016     | 0         | 52   | 53.3 | 31   | 155        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 20   | 43     | 17     | 0.768     | -0.049    | 3.724 | 0.013     | 0.01      | 0         | 52   | 53.3 | 31   | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 20   | 53     | 17     | 0.696     | -0.056    | 3.727 | 0.016     | 0.013     | 0         | 51.6 | 53.8 | 31.4 | 155        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 20  | 21   | 3      | 17     | 0.738     | -0.043    | 3.727 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 31.8 | 156        | 160        | 0          | 33     | 34     |
| 2009 | 6     | 20  | 21   | 13     | 17     | 0.741     | -0.052    | 3.727 | 0.01      | 0.007     | 0         | 52.5 | 54.2 | 32.7 | 156        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 21   | 23     | 17     | 0.764     | -0.043    | 3.727 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 32.3 | 156        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 21   | 33     | 17     | 0.794     | -0.036    | 3.73  | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 33.1 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 21   | 43     | 17     | 0.823     | -0.095    | 3.734 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 32.7 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 21   | 53     | 17     | 0.814     | 0         | 3.73  | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 32.3 | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 22   | 3      | 17     | 0.781     | -0.049    | 3.73  | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 31.8 | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 22   | 13     | 17     | 0.758     | -0.056    | 3.73  | 0.016     | 0.013     | 0         | 52.5 | 54.2 | 32.7 | 156        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 22   | 23     | 17     | 0.797     | -0.049    | 3.73  | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 33.1 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 22   | 33     | 17     | 0.814     | -0.043    | 3.73  | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 33.1 | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 22   | 43     | 17     | 0.823     | -0.062    | 3.734 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 33.5 | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 22   | 53     | 17     | 0.807     | -0.039    | 3.73  | 0.016     | 0.016     | 0         | 52.5 | 53.8 | 33.5 | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 23   | 3      | 17     | 0.784     | -0.095    | 3.734 | 0.013     | 0.01      | 0         | 52   | 54.2 | 33.1 | 156        | 160        | 0          | 35     | 34     |
| 2009 | 6     | 20  | 23   | 13     | 17     | 0.741     | -0.075    | 3.734 | 0.016     | 0.013     | 0         | 52.5 | 54.2 | 34   | 156        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 23   | 23     | 17     | 0.755     | -0.072    | 3.734 | 0.01      | 0.007     | 0         | 52   | 53.3 | 32.7 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 20  | 23   | 33     | 17     | 0.814     | -0.033    | 3.734 | 0.016     | 0.013     | 0         | 52.5 | 53.3 | 32.7 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 20  | 23   | 43     | 17     | 0.837     | -0.039    | 3.734 | 0.01      | 0.007     | 0         | 52   | 53.8 | 32.3 | 155        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 23   | 53     | 17     | 0.787     | -0.069    | 3.734 | 0.016     | 0.013     | 0         | 52   | 53.3 | 33.1 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 0    | 3      | 17     | 0.83      | -0.049    | 3.734 | 0.016     | 0.013     | 0         | 52.5 | 53.8 | 32.3 | 156        | 159        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 21  | 0    | 13     | 17     | 0.794     | -0.033    | 3.734 | 0.01      | 0.007     | 0         | 52   | 53.3 | 33.5 | 155        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 0    | 23     | 17     | 0.827     | 0         | 3.734 | 0.01      | 0.007     | 0         | 52   | 53.3 | 33.1 | 155        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 0    | 33     | 17     | 0.823     | -0.033    | 3.734 | 0.01      | 0.007     | 0         | 52   | 52.9 | 32.7 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 0    | 43     | 17     | 0.755     | -0.033    | 3.734 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 32.7 | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 0    | 53     | 17     | 0.797     | -0.049    | 3.734 | 0.013     | 0.01      | 0         | 51.6 | 53.8 | 33.1 | 155        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 21  | 1    | 3      | 17     | 0.843     | 0         | 3.734 | 0.013     | 0.01      | 0         | 52   | 53.3 | 33.5 | 155        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 1    | 13     | 17     | 0.801     | -0.046    | 3.734 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 33.5 | 156        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 1    | 23     | 17     | 0.846     | -0.033    | 3.734 | 0.016     | 0.013     | 0         | 52.5 | 53.8 | 33.1 | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 1    | 33     | 17     | 0.764     | -0.052    | 3.734 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 33.5 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 1    | 43     | 17     | 0.791     | -0.052    | 3.734 | 0.01      | 0.007     | 0         | 52   | 52.9 | 33.5 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 1    | 53     | 17     | 0.787     | -0.023    | 3.734 | 0.01      | 0.007     | 0         | 52   | 53.3 | 32.3 | 155        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 2    | 3      | 17     | 0.81      | 0.013     | 3.73  | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 32.7 | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 2    | 13     | 17     | 0.768     | -0.049    | 3.734 | 0.01      | 0.007     | 0         | 52   | 53.3 | 33.5 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 2    | 23     | 17     | 0.84      | -0.043    | 3.734 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 34.4 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 2    | 33     | 17     | 0.764     | -0.049    | 3.734 | 0.013     | 0.01      | 0         | 52   | 53.3 | 33.5 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 2    | 43     | 17     | 0.745     | -0.023    | 3.734 | 0.013     | 0.01      | 0         | 52   | 53.3 | 33.1 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 2    | 53     | 17     | 0.764     | -0.066    | 3.734 | 0.01      | 0.007     | 0         | 52   | 53.3 | 31.8 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 3    | 3      | 17     | 0.81      | -0.043    | 3.73  | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 33.1 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 3    | 13     | 17     | 0.804     | -0.039    | 3.73  | 0.01      | 0.007     | 0         | 52   | 53.3 | 32.7 | 156        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 21  | 3    | 23     | 17     | 0.794     | -0.059    | 3.73  | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 32.7 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 3    | 33     | 17     | 0.843     | -0.026    | 3.73  | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 33.5 | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 3    | 43     | 17     | 0.774     | -0.082    | 3.73  | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 32.3 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 3    | 53     | 17     | 0.814     | -0.016    | 3.73  | 0.016     | 0.013     | 0         | 52.9 | 53.8 | 31.8 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 4    | 3      | 17     | 0.768     | -0.026    | 3.73  | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 32.3 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 4    | 13     | 17     | 0.778     | -0.026    | 3.73  | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 31.8 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 4    | 23     | 17     | 0.886     | -0.039    | 3.73  | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 31.8 | 157        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 4    | 33     | 17     | 0.846     | 0.007     | 3.73  | 0.016     | 0.013     | 0         | 52.9 | 53.8 | 32.7 | 157        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 4    | 43     | 17     | 0.761     | -0.026    | 3.73  | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 31.4 | 157        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 4    | 53     | 17     | 0.801     | 0         | 3.73  | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 33.1 | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 5    | 3      | 17     | 0.814     | -0.023    | 3.73  | 0.013     | 0.01      | 0         | 52   | 53.8 | 31   | 156        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 5    | 13     | 17     | 0.801     | -0.062    | 3.727 | 0.013     | 0.01      | 0         | 52   | 53.3 | 31   | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 5    | 23     | 17     | 0.784     | 0.003     | 3.727 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 32.3 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 5    | 33     | 17     | 0.837     | -0.016    | 3.727 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 32.7 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 5    | 43     | 17     | 0.741     | -0.046    | 3.727 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 31   | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 5    | 53     | 17     | 0.804     | -0.013    | 3.727 | 0.016     | 0.013     | 0         | 52.9 | 53.8 | 32.3 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 6    | 3      | 17     | 0.738     | -0.052    | 3.727 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 32.3 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 6    | 13     | 17     | 0.787     | -0.03     | 3.727 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 31.8 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 6    | 23     | 17     | 0.804     | -0.079    | 3.727 | 0.016     | 0.013     | 0         | 52.5 | 53.3 | 31.8 | 157        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 21  | 6    | 33     | 17     | 0.735     | -0.062    | 3.727 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 30.5 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 6    | 43     | 17     | 0.741     | -0.052    | 3.727 | 0.016     | 0.016     | 0         | 52.5 | 53.8 | 30.1 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 6    | 53     | 17     | 0.797     | -0.033    | 3.727 | 0.01      | 0.007     | 0         | 52   | 53.3 | 31   | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 7    | 3      | 17     | 0.751     | -0.043    | 3.727 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 31.8 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 7    | 13     | 17     | 0.804     | -0.033    | 3.727 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 30.5 | 157        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 7    | 23     | 17     | 0.768     | -0.03     | 3.727 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 32.3 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 7    | 33     | 17     | 0.86      | -0.046    | 3.727 | 0.016     | 0.013     | 0         | 52.5 | 53.8 | 31.8 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 7    | 43     | 17     | 0.751     | -0.026    | 3.727 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 31   | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 7    | 53     | 17     | 0.738     | -0.059    | 3.727 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 31   | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 8    | 3      | 17     | 0.794     | -0.036    | 3.727 | 0.016     | 0.013     | 0         | 52.9 | 53.8 | 30.5 | 157        | 160        | 0          | 34     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 21  | 8    | 13     | 17     | 0.814     | -0.043    | 3.727 | 0.016     | 0.013     | 0         | 52.5 | 53.8 | 31.4 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 8    | 23     | 17     | 0.784     | -0.033    | 3.727 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 31.8 | 157        | 160        | 0          | 34     | 36     |
| 2009 | 6     | 21  | 8    | 33     | 17     | 0.722     | -0.075    | 3.727 | 0.016     | 0.013     | 0         | 52.5 | 53.8 | 31.4 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 8    | 43     | 17     | 0.738     | -0.066    | 3.727 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 29.7 | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 8    | 53     | 17     | 0.751     | -0.046    | 3.724 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 31.8 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 9    | 3      | 17     | 0.732     | -0.033    | 3.724 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 31   | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 9    | 13     | 17     | 0.682     | -0.059    | 3.724 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 32.3 | 158        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 9    | 23     | 17     | 0.748     | -0.03     | 3.727 | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 31.8 | 158        | 161        | 0          | 35     | 34     |
| 2009 | 6     | 21  | 9    | 33     | 17     | 0.784     | -0.046    | 3.727 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 32.7 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 9    | 43     | 17     | 0.669     | -0.033    | 3.727 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 32.3 | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 9    | 53     | 17     | 0.771     | -0.049    | 3.724 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 31.4 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 10   | 3      | 17     | 0.748     | -0.033    | 3.724 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 31.8 | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 10   | 13     | 17     | 0.748     | -0.066    | 3.724 | 0.016     | 0.013     | 0         | 52.9 | 54.6 | 31   | 158        | 161        | 0          | 35     | 34     |
| 2009 | 6     | 21  | 10   | 23     | 17     | 0.764     | -0.033    | 3.724 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 32.3 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 10   | 33     | 17     | 0.791     | -0.033    | 3.724 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 31.4 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 10   | 43     | 17     | 0.758     | -0.039    | 3.724 | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 32.3 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 10   | 53     | 17     | 0.804     | -0.01     | 3.724 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 33.1 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 11   | 3      | 17     | 0.81      | -0.02     | 3.724 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 31.4 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 11   | 13     | 17     | 0.787     | -0.016    | 3.724 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 31.8 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 11   | 23     | 17     | 0.751     | -0.066    | 3.724 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 33.1 | 157        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 11   | 33     | 17     | 0.784     | 0         | 3.724 | 0.01      | 0.007     | 0         | 52.9 | 54.6 | 32.3 | 158        | 161        | 0          | 35     | 34     |
| 2009 | 6     | 21  | 11   | 43     | 17     | 0.705     | -0.033    | 3.724 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 32.7 | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 11   | 53     | 17     | 0.659     | -0.059    | 3.724 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 32.7 | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 12   | 3      | 17     | 0.751     | -0.052    | 3.724 | 0.016     | 0.013     | 0         | 52.9 | 53.8 | 31.4 | 158        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 12   | 13     | 17     | 0.689     | -0.059    | 3.724 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 31.8 | 159        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 12   | 23     | 17     | 0.682     | -0.046    | 3.724 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 34   | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 12   | 33     | 17     | 0.732     | -0.023    | 3.72  | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 32.3 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 12   | 43     | 17     | 0.719     | -0.036    | 3.72  | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 32.7 | 158        | 161        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 12   | 53     | 17     | 0.794     | 0         | 3.72  | 0.013     | 0.01      | 0         | 53.8 | 55   | 31.8 | 159        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 13   | 3      | 17     | 0.728     | -0.049    | 3.717 | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 31.8 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 13   | 13     | 17     | 0.728     | -0.036    | 3.717 | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 31.8 | 158        | 161        | 0          | 35     | 34     |
| 2009 | 6     | 21  | 13   | 23     | 17     | 0.748     | -0.046    | 3.717 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 31.8 | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 13   | 33     | 17     | 0.682     | -0.072    | 3.714 | 0.016     | 0.016     | 0         | 52.9 | 54.2 | 34.4 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 13   | 43     | 17     | 0.699     | -0.039    | 3.711 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 31.8 | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 13   | 53     | 17     | 0.722     | -0.03     | 3.714 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 35.3 | 157        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 14   | 3      | 17     | 0.715     | -0.03     | 3.711 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 34   | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 14   | 13     | 17     | 0.732     | -0.026    | 3.714 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 34   | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 14   | 23     | 17     | 0.656     | -0.062    | 3.711 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 34.4 | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 14   | 33     | 17     | 0.735     | -0.033    | 3.711 | 0.016     | 0.016     | 0         | 53.3 | 54.6 | 35.3 | 159        | 161        | 0          | 35     | 34     |
| 2009 | 6     | 21  | 14   | 43     | 17     | 0.722     | 0         | 3.711 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 35.3 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 14   | 53     | 17     | 0.682     | -0.052    | 3.711 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 35.3 | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 15   | 3      | 17     | 0.686     | -0.043    | 3.707 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 33.5 | 158        | 161        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 15   | 13     | 17     | 0.719     | -0.056    | 3.707 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 34.4 | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 15   | 23     | 17     | 0.768     | 0.007     | 3.707 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 31.4 | 158        | 161        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 15   | 33     | 17     | 0.764     | 0.003     | 3.711 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 34.4 | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 15   | 43     | 17     | 0.745     | -0.033    | 3.707 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 31.4 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 15   | 53     | 17     | 0.771     | -0.046    | 3.707 | 0.01      | 0.007     | 0         | 53.3 | 55   | 34.8 | 158        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 16   | 3      | 17     | 0.735     | -0.069    | 3.707 | 0.013     | 0.01      | 0         | 53.3 | 55   | 33.5 | 158        | 162        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 21  | 16   | 13     | 17     | 0.768     | -0.023    | 3.707 | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 33.5 | 157        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 16   | 23     | 17     | 0.745     | -0.046    | 3.707 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 32.7 | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 16   | 33     | 17     | 0.804     | -0.007    | 3.707 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 32.3 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 16   | 43     | 17     | 0.712     | -0.062    | 3.707 | 0.016     | 0.013     | 0         | 52.9 | 53.8 | 32.7 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 16   | 53     | 17     | 0.732     | -0.033    | 3.707 | 0.016     | 0.013     | 0         | 52.5 | 54.2 | 32.7 | 157        | 160        | 0          | 35     | 34     |
| 2009 | 6     | 21  | 17   | 3      | 17     | 0.761     | -0.03     | 3.707 | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 32.3 | 157        | 161        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 17   | 13     | 17     | 0.807     | -0.036    | 3.707 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 32.7 | 156        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 17   | 23     | 17     | 0.755     | -0.033    | 3.707 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 32.7 | 157        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 17   | 33     | 17     | 0.774     | -0.016    | 3.707 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 33.1 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 17   | 43     | 17     | 0.702     | -0.052    | 3.707 | 0.013     | 0.01      | 0         | 52.5 | 54.2 | 31   | 157        | 160        | 0          | 35     | 34     |
| 2009 | 6     | 21  | 17   | 53     | 17     | 0.741     | -0.036    | 3.707 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 33.1 | 157        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 18   | 3      | 17     | 0.764     | -0.033    | 3.707 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 33.1 | 157        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 18   | 13     | 17     | 0.784     | -0.007    | 3.707 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 31.8 | 158        | 161        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 18   | 23     | 17     | 0.696     | -0.013    | 3.707 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 33.1 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 18   | 33     | 17     | 0.692     | -0.052    | 3.704 | 0.013     | 0.01      | 0         | 52.5 | 54.2 | 34   | 157        | 160        | 0          | 35     | 34     |
| 2009 | 6     | 21  | 18   | 43     | 17     | 0.81      | 0         | 3.707 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 31.8 | 157        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 18   | 53     | 17     | 0.748     | -0.02     | 3.707 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 32.3 | 157        | 161        | 0          | 35     | 34     |
| 2009 | 6     | 21  | 19   | 3      | 17     | 0.751     | -0.03     | 3.707 | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 31.8 | 158        | 161        | 0          | 35     | 34     |
| 2009 | 6     | 21  | 19   | 13     | 17     | 0.732     | -0.043    | 3.704 | 0.016     | 0.013     | 0         | 52.5 | 53.8 | 32.3 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 19   | 23     | 17     | 0.751     | -0.023    | 3.707 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 32.3 | 157        | 160        | 0          | 33     | 35     |
| 2009 | 6     | 21  | 19   | 33     | 17     | 0.755     | -0.043    | 3.707 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 33.1 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 19   | 43     | 17     | 0.741     | -0.036    | 3.704 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 32.3 | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 19   | 53     | 17     | 0.781     | -0.059    | 3.704 | 0.01      | 0.007     | 0         | 52   | 53.8 | 32.7 | 156        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 21  | 20   | 3      | 17     | 0.771     | -0.016    | 3.704 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 32.3 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 20   | 13     | 17     | 0.787     | -0.01     | 3.704 | 0.016     | 0.013     | 0         | 52.5 | 53.8 | 30.5 | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 20   | 23     | 17     | 0.764     | -0.033    | 3.704 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 32.7 | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 20   | 33     | 17     | 0.768     | 0.007     | 3.704 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 31   | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 20   | 43     | 17     | 0.833     | -0.033    | 3.707 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 31.4 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 20   | 53     | 17     | 0.797     | -0.01     | 3.704 | 0.01      | 0.007     | 0         | 52   | 53.3 | 32.3 | 155        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 21   | 3      | 17     | 0.774     | -0.049    | 3.704 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 32.3 | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 21   | 13     | 17     | 0.751     | -0.003    | 3.704 | 0.013     | 0.01      | 0         | 52   | 53.3 | 31.8 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 21   | 23     | 17     | 0.774     | -0.036    | 3.704 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 33.5 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 21   | 33     | 17     | 0.751     | -0.023    | 3.704 | 0.01      | 0.007     | 0         | 52   | 53.8 | 31   | 155        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 21   | 43     | 17     | 0.833     | -0.013    | 3.704 | 0.01      | 0.007     | 0         | 52   | 53.3 | 31.8 | 155        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 21   | 53     | 17     | 0.804     | -0.033    | 3.704 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 31   | 156        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 22   | 3      | 17     | 0.804     | -0.039    | 3.704 | 0.013     | 0.01      | 0         | 52   | 53.3 | 31.4 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 22   | 13     | 17     | 0.755     | -0.033    | 3.704 | 0.01      | 0.007     | 0         | 52   | 53.3 | 32.3 | 155        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 22   | 23     | 17     | 0.797     | -0.036    | 3.704 | 0.01      | 0.007     | 0         | 52   | 53.8 | 32.7 | 155        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 22   | 33     | 17     | 0.764     | -0.056    | 3.704 | 0.01      | 0.007     | 0         | 52   | 52.9 | 32.3 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 22   | 43     | 17     | 0.787     | -0.03     | 3.704 | 0.013     | 0.01      | 0         | 52   | 53.3 | 32.7 | 155        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 22   | 53     | 17     | 0.768     | -0.026    | 3.704 | 0.016     | 0.013     | 0         | 52   | 53.8 | 31.8 | 156        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 21  | 23   | 3      | 17     | 0.781     | -0.033    | 3.704 | 0.013     | 0.01      | 0         | 51.6 | 53.3 | 32.3 | 155        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 23   | 13     | 17     | 0.781     | -0.007    | 3.704 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 31.8 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 21  | 23   | 23     | 17     | 0.781     | -0.049    | 3.704 | 0.013     | 0.01      | 0         | 52   | 52.9 | 31   | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 21  | 23   | 33     | 17     | 0.758     | -0.026    | 3.704 | 0.016     | 0.016     | 0         | 52.5 | 53.8 | 33.5 | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 23   | 43     | 17     | 0.778     | -0.046    | 3.704 | 0.013     | 0.01      | 0         | 52   | 53.3 | 32.3 | 155        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 23   | 53     | 17     | 0.768     | -0.026    | 3.704 | 0.02      | 0.016     | 0         | 52   | 53.3 | 32.3 | 155        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 22  | 0    | 3      | 17     | 0.804     | -0.033    | 3.704 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 31   | 155        | 158        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 22  | 0    | 13     | 17     | 0.771     | -0.039    | 3.704 | 0.01      | 0.007     | 0         | 52   | 52.9 | 30.5 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 22  | 0    | 23     | 17     | 0.774     | -0.052    | 3.704 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 31   | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 0    | 33     | 17     | 0.771     | -0.033    | 3.704 | 0.016     | 0.013     | 0         | 52   | 53.8 | 31   | 156        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 22  | 0    | 43     | 17     | 0.774     | -0.052    | 3.704 | 0.016     | 0.013     | 0         | 51.6 | 53.3 | 30.5 | 155        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 22  | 0    | 53     | 17     | 0.774     | -0.023    | 3.704 | 0.013     | 0.01      | 0         | 51.6 | 53.3 | 30.1 | 155        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 1    | 3      | 17     | 0.791     | -0.059    | 3.704 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 30.5 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 1    | 13     | 17     | 0.758     | -0.02     | 3.704 | 0.01      | 0.007     | 0         | 52   | 52.9 | 31.4 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 22  | 1    | 23     | 17     | 0.794     | -0.052    | 3.707 | 0.01      | 0.007     | 0         | 52   | 52.9 | 30.5 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 22  | 1    | 33     | 17     | 0.85      | -0.043    | 3.707 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 31   | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 22  | 1    | 43     | 17     | 0.823     | -0.066    | 3.711 | 0.016     | 0.013     | 0         | 52.5 | 53.3 | 30.5 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 22  | 1    | 53     | 17     | 0.837     | -0.03     | 3.711 | 0.01      | 0.007     | 0         | 52   | 53.3 | 30.1 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 2    | 3      | 17     | 0.81      | -0.052    | 3.711 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 31   | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 2    | 13     | 17     | 0.774     | -0.016    | 3.714 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 32.3 | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 22  | 2    | 23     | 17     | 0.778     | -0.079    | 3.717 | 0.016     | 0.013     | 0         | 53.8 | 55   | 31.8 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 2    | 33     | 17     | 0.807     | -0.033    | 3.714 | 0.013     | 0.01      | 0         | 53.8 | 55   | 32.7 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 2    | 43     | 17     | 0.807     | -0.046    | 3.717 | 0.016     | 0.013     | 0         | 53.3 | 55   | 33.5 | 159        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 2    | 53     | 17     | 0.761     | -0.069    | 3.717 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 34   | 160        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 3    | 3      | 17     | 0.755     | -0.043    | 3.717 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 32.7 | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 22  | 3    | 13     | 17     | 0.801     | -0.069    | 3.717 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 32.7 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 3    | 23     | 17     | 0.725     | -0.056    | 3.72  | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 33.1 | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 22  | 3    | 33     | 17     | 0.745     | -0.059    | 3.717 | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 33.1 | 158        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 3    | 43     | 17     | 0.755     | -0.052    | 3.717 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 32.7 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 3    | 53     | 17     | 0.833     | -0.039    | 3.72  | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 33.5 | 159        | 163        | 0          | 34     | 36     |
| 2009 | 6     | 22  | 4    | 3      | 17     | 0.738     | -0.075    | 3.72  | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 34   | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 4    | 13     | 17     | 0.751     | -0.089    | 3.72  | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 34.4 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 4    | 23     | 17     | 0.801     | -0.02     | 3.72  | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 32.3 | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 22  | 4    | 33     | 17     | 0.787     | -0.033    | 3.72  | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 36.1 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 4    | 43     | 17     | 0.764     | -0.039    | 3.72  | 0.01      | 0.007     | 0         | 53.8 | 55   | 35.3 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 4    | 53     | 17     | 0.791     | -0.066    | 3.72  | 0.016     | 0.013     | 0         | 54.2 | 55   | 36.1 | 161        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 5    | 3      | 17     | 0.817     | -0.033    | 3.724 | 0.016     | 0.013     | 0         | 53.8 | 55   | 35.7 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 5    | 13     | 17     | 0.804     | -0.059    | 3.724 | 0.016     | 0.013     | 0         | 53.8 | 55   | 36.1 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 5    | 23     | 17     | 0.83      | -0.079    | 3.724 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 34.4 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 5    | 33     | 17     | 0.817     | -0.046    | 3.724 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 35.3 | 160        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 5    | 43     | 17     | 0.781     | -0.049    | 3.724 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 33.5 | 160        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 5    | 53     | 17     | 0.791     | -0.082    | 3.724 | 0.016     | 0.016     | 0         | 53.3 | 55   | 35.3 | 159        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 6    | 3      | 17     | 0.797     | -0.03     | 3.724 | 0.013     | 0.01      | 0         | 53.8 | 55   | 34.4 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 6    | 13     | 17     | 0.787     | -0.075    | 3.724 | 0.016     | 0.016     | 0         | 54.2 | 55   | 35.3 | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 22  | 6    | 23     | 17     | 0.758     | -0.066    | 3.724 | 0.013     | 0.01      | 0         | 53.8 | 55   | 33.5 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 6    | 33     | 17     | 0.771     | -0.075    | 3.724 | 0.01      | 0.007     | 0         | 53.8 | 55   | 34   | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 6    | 43     | 17     | 0.761     | -0.062    | 3.724 | 0.013     | 0.01      | 0         | 53.8 | 55   | 33.5 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 6    | 53     | 17     | 0.732     | -0.059    | 3.724 | 0.016     | 0.013     | 0         | 53.8 | 55   | 34.8 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 7    | 3      | 17     | 0.758     | -0.082    | 3.724 | 0.01      | 0.007     | 0         | 54.2 | 55.5 | 34   | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 7    | 13     | 17     | 0.758     | -0.066    | 3.724 | 0.01      | 0.007     | 0         | 53.8 | 55   | 34.4 | 160        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 22  | 7    | 23     | 17     | 0.768     | -0.046    | 3.724 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 37.4 | 161        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 22  | 7    | 33     | 17     | 0.719     | -0.089    | 3.724 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 37.4 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 7    | 43     | 17     | 0.761     | -0.062    | 3.724 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 34.8 | 163        | 166        | 0          | 34     | 35     |
| 2009 | 6     | 22  | 7    | 53     | 17     | 0.745     | -0.052    | 3.724 | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 37.4 | 162        | 166        | 0          | 35     | 34     |
| 2009 | 6     | 22  | 8    | 3      | 17     | 0.784     | -0.066    | 3.724 | 0.016     | 0.013     | 0         | 55   | 56.3 | 37.4 | 163        | 166        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 22  | 8    | 13     | 17     | 0.761     | -0.056    | 3.724 | 0.01      | 0.007     | 0         | 55   | 55.9 | 36.1 | 163        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 22  | 8    | 23     | 17     | 0.719     | -0.062    | 3.724 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 38.7 | 164        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 22  | 8    | 33     | 17     | 0.81      | -0.036    | 3.727 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 36.1 | 165        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 22  | 8    | 43     | 17     | 0.758     | -0.049    | 3.724 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 38.3 | 164        | 168        | 0          | 35     | 36     |
| 2009 | 6     | 22  | 8    | 53     | 17     | 0.81      | -0.036    | 3.727 | 0.013     | 0.01      | 0         | 55.9 | 57.2 | 35.3 | 165        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 9    | 3      | 17     | 0.764     | -0.059    | 3.727 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 36.1 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 9    | 13     | 17     | 0.787     | -0.075    | 3.727 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 34.4 | 164        | 167        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 9    | 23     | 17     | 0.771     | -0.03     | 3.727 | 0.01      | 0.007     | 0         | 55   | 56.3 | 34.8 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 9    | 33     | 17     | 0.745     | -0.059    | 3.727 | 0.013     | 0.01      | 0         | 55   | 56.3 | 36.5 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 9    | 43     | 17     | 0.748     | -0.046    | 3.727 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 37.4 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 9    | 53     | 17     | 0.758     | -0.03     | 3.727 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 35.7 | 162        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 22  | 10   | 3      | 17     | 0.712     | -0.066    | 3.73  | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 36.1 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 10   | 13     | 17     | 0.725     | -0.023    | 3.727 | 0.01      | 0.007     | 0         | 54.2 | 55.5 | 35.3 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 10   | 23     | 17     | 0.771     | -0.02     | 3.727 | 0.01      | 0.007     | 0         | 54.6 | 55   | 35.3 | 161        | 164        | 0          | 34     | 36     |
| 2009 | 6     | 22  | 10   | 33     | 17     | 0.768     | -0.03     | 3.73  | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 33.1 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 10   | 43     | 17     | 0.741     | -0.056    | 3.73  | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 35.3 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 10   | 53     | 17     | 0.699     | -0.059    | 3.73  | 0.01      | 0.007     | 0         | 53.8 | 55   | 35.7 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 11   | 3      | 17     | 0.719     | -0.016    | 3.734 | 0.013     | 0.01      | 0         | 53.8 | 55   | 36.5 | 159        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 22  | 11   | 13     | 17     | 0.732     | -0.016    | 3.734 | 0.01      | 0.007     | 0         | 52.9 | 54.6 | 37.4 | 158        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 11   | 23     | 17     | 0.682     | -0.039    | 3.73  | 0.016     | 0.013     | 0         | 53.3 | 55   | 34   | 159        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 11   | 33     | 17     | 0.699     | -0.062    | 3.73  | 0.016     | 0.013     | 0         | 53.8 | 55   | 35.3 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 11   | 43     | 17     | 0.764     | -0.072    | 3.73  | 0.01      | 0.007     | 0         | 53.8 | 55   | 34   | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 11   | 53     | 17     | 0.722     | -0.082    | 3.73  | 0.016     | 0.013     | 0         | 53.8 | 55   | 34.4 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 12   | 3      | 17     | 0.735     | -0.026    | 3.73  | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 32.7 | 160        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 12   | 13     | 17     | 0.751     | -0.066    | 3.73  | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 32.7 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 12   | 23     | 17     | 0.702     | -0.039    | 3.73  | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 33.1 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 12   | 33     | 17     | 0.719     | -0.026    | 3.73  | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 33.5 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 12   | 43     | 17     | 0.787     | -0.033    | 3.73  | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 32.7 | 159        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 12   | 53     | 17     | 0.673     | -0.066    | 3.73  | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 32.7 | 160        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 13   | 3      | 17     | 0.705     | -0.066    | 3.73  | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 32.3 | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 22  | 13   | 13     | 17     | 0.732     | -0.023    | 3.734 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 34.8 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 13   | 23     | 17     | 0.774     | 0.013     | 3.734 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 34   | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 13   | 33     | 17     | 0.781     | -0.016    | 3.734 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 35.3 | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 22  | 13   | 43     | 17     | 0.696     | -0.066    | 3.734 | 0.016     | 0.016     | 0         | 53.3 | 54.6 | 34.8 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 13   | 53     | 17     | 0.771     | -0.016    | 3.734 | 0.016     | 0.013     | 0         | 53.8 | 55   | 35.7 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 14   | 3      | 17     | 0.636     | -0.059    | 3.734 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 35.3 | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 22  | 14   | 13     | 17     | 0.722     | -0.052    | 3.734 | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 34   | 158        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 14   | 23     | 17     | 0.725     | -0.069    | 3.734 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 41.3 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 14   | 33     | 17     | 0.712     | -0.052    | 3.734 | 0.01      | 0.007     | 0         | 52.9 | 54.6 | 34.8 | 158        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 14   | 43     | 17     | 0.801     | -0.003    | 3.734 | 0.016     | 0.016     | 0         | 53.8 | 54.6 | 34   | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 22  | 14   | 53     | 17     | 0.732     | -0.03     | 3.734 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 33.1 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 15   | 3      | 17     | 0.781     | -0.007    | 3.737 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 35.3 | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 22  | 15   | 13     | 17     | 0.738     | -0.056    | 3.737 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 35.7 | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 22  | 15   | 23     | 17     | 0.725     | -0.049    | 3.737 | 0.01      | 0.007     | 0         | 53.3 | 55   | 36.1 | 159        | 162        | 0          | 35     | 34     |
| 2009 | 6     | 22  | 15   | 33     | 17     | 0.791     | -0.016    | 3.737 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 34.4 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 15   | 43     | 17     | 0.738     | -0.072    | 3.737 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 34.4 | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 22  | 15   | 53     | 17     | 0.682     | -0.082    | 3.737 | 0.016     | 0.016     | 0         | 53.8 | 54.6 | 33.5 | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 22  | 16   | 3      | 17     | 0.781     | -0.043    | 3.737 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 34   | 158        | 161        | 0          | 34     | 35     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 22  | 16   | 13     | 17     | 0.712     | -0.039    | 3.737 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 34   | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 22  | 16   | 23     | 17     | 0.797     | -0.075    | 3.737 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 32.7 | 158        | 161        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 16   | 33     | 17     | 0.764     | -0.033    | 3.737 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 34   | 158        | 161        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 16   | 43     | 17     | 0.702     | -0.059    | 3.737 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 34.4 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 16   | 53     | 17     | 0.709     | -0.043    | 3.737 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 34   | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 22  | 17   | 3      | 17     | 0.722     | -0.072    | 3.737 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 33.5 | 158        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 22  | 17   | 13     | 17     | 0.82      | -0.03     | 3.737 | 0.013     | 0.01      | 0         | 52.5 | 54.2 | 33.5 | 156        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 17   | 23     | 17     | 0.787     | -0.056    | 3.74  | 0.01      | 0.007     | 0         | 52   | 54.2 | 33.5 | 156        | 160        | 0          | 35     | 34     |
| 2009 | 6     | 22  | 17   | 33     | 17     | 0.751     | -0.043    | 3.74  | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 33.5 | 157        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 17   | 43     | 17     | 0.764     | -0.02     | 3.74  | 0.016     | 0.013     | 0         | 52.5 | 53.8 | 33.5 | 156        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 22  | 17   | 53     | 17     | 0.741     | -0.052    | 3.74  | 0.016     | 0.013     | 0         | 52.5 | 53.3 | 33.5 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 23  | 10   | 32     | 5      | 0.712     | -0.039    | 3.773 | 0.013     | 0.01      | 0         | 53.3 | 55   | 30.1 | 159        | 162        | 0          | 35     | 34     |
| 2009 | 6     | 23  | 10   | 42     | 5      | 0.768     | -0.056    | 3.773 | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 31.8 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 23  | 10   | 52     | 5      | 0.741     | -0.016    | 3.773 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 29.7 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 23  | 11   | 2      | 5      | 0.778     | -0.062    | 3.776 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 32.3 | 158        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 23  | 11   | 12     | 5      | 0.719     | -0.02     | 3.773 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 30.5 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 23  | 11   | 22     | 5      | 0.705     | -0.052    | 3.773 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 31   | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 23  | 11   | 32     | 5      | 0.712     | -0.036    | 3.773 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 30.1 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 23  | 11   | 42     | 5      | 0.725     | -0.033    | 3.773 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 31   | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 23  | 11   | 52     | 5      | 0.699     | -0.052    | 3.773 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 31   | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 23  | 12   | 2      | 5      | 0.702     | -0.089    | 3.773 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 32.7 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 23  | 12   | 7      | 13     | 0.699     | -0.062    | 3.776 | 0.01      | 0.007     | 0         | 52.9 | 54.6 | 33.1 | 158        | 161        | 0          | 35     | 34     |
| 2009 | 6     | 23  | 12   | 17     | 13     | 0.722     | -0.059    | 3.773 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 31.8 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 23  | 12   | 27     | 13     | 0.673     | -0.056    | 3.773 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 31.8 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 23  | 12   | 37     | 13     | 0.791     | -0.02     | 3.773 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 32.7 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 23  | 12   | 47     | 13     | 0.725     | -0.052    | 3.776 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 31.8 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 23  | 12   | 57     | 13     | 0.722     | -0.033    | 3.776 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 34.4 | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 23  | 13   | 7      | 13     | 0.732     | -0.013    | 3.773 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 33.1 | 159        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 23  | 13   | 17     | 13     | 0.741     | -0.052    | 3.776 | 0.01      | 0.007     | 0         | 52.9 | 54.6 | 34   | 158        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 23  | 13   | 27     | 13     | 0.725     | -0.056    | 3.776 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 31.4 | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 23  | 13   | 37     | 13     | 0.722     | -0.033    | 3.776 | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 32.3 | 157        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 13   | 47     | 13     | 0.702     | -0.043    | 3.776 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 32.7 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 23  | 13   | 57     | 13     | 0.738     | -0.033    | 3.776 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 32.3 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 23  | 14   | 7      | 13     | 0.696     | -0.052    | 3.776 | 0.01      | 0.007     | 0         | 53.3 | 55   | 33.1 | 158        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 14   | 17     | 13     | 0.751     | -0.036    | 3.776 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 34   | 158        | 161        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 14   | 27     | 13     | 0.735     | -0.052    | 3.776 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 34.4 | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 23  | 14   | 37     | 13     | 0.712     | -0.046    | 3.78  | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 34   | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 23  | 14   | 47     | 13     | 0.705     | -0.023    | 3.776 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 34   | 158        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 23  | 14   | 57     | 13     | 0.715     | -0.059    | 3.776 | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 34.4 | 158        | 161        | 0          | 35     | 34     |
| 2009 | 6     | 23  | 15   | 7      | 13     | 0.682     | -0.043    | 3.78  | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 35.3 | 158        | 161        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 15   | 17     | 13     | 0.669     | -0.059    | 3.776 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 34   | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 23  | 15   | 27     | 13     | 0.705     | -0.072    | 3.78  | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 36.1 | 158        | 161        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 15   | 37     | 13     | 0.764     | -0.02     | 3.78  | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 36.1 | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 23  | 15   | 47     | 13     | 0.705     | -0.023    | 3.78  | 0.01      | 0.007     | 0         | 54.2 | 55.5 | 36.5 | 160        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 15   | 57     | 13     | 0.702     | 0.003     | 3.78  | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 36.1 | 160        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 16   | 7      | 13     | 0.751     | -0.039    | 3.78  | 0.013     | 0.01      | 0         | 53.8 | 55   | 36.1 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 23  | 16   | 17     | 13     | 0.725     | -0.052    | 3.78  | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 34.8 | 160        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 16   | 27     | 13     | 0.702     | -0.026    | 3.78  | 0.013     | 0.01      | 0         | 53.8 | 55   | 39.1 | 159        | 163        | 0          | 34     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 23  | 16   | 37     | 13     | 0.745     | -0.023    | 3.78  | 0.01      | 0.007     | 0         | 54.2 | 55   | 37   | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 23  | 16   | 47     | 13     | 0.771     | -0.003    | 3.776 | 0.016     | 0.016     | 0         | 53.8 | 55   | 33.5 | 159        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 23  | 16   | 57     | 13     | 0.751     | -0.066    | 3.776 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 32.7 | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 23  | 17   | 7      | 13     | 0.82      | -0.059    | 3.78  | 0.013     | 0.01      | 0         | 53.8 | 55   | 36.5 | 159        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 17   | 17     | 13     | 0.741     | -0.033    | 3.78  | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 37   | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 23  | 17   | 27     | 13     | 0.807     | -0.016    | 3.78  | 0.013     | 0.01      | 0         | 53.3 | 55   | 43.9 | 158        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 17   | 37     | 13     | 0.728     | -0.062    | 3.776 | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 36.5 | 158        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 23  | 17   | 47     | 13     | 0.817     | -0.013    | 3.776 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 37.8 | 158        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 23  | 17   | 57     | 13     | 0.748     | -0.026    | 3.78  | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 37   | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 23  | 18   | 7      | 13     | 0.771     | -0.036    | 3.78  | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 33.5 | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 23  | 18   | 17     | 13     | 0.686     | -0.049    | 3.776 | 0.016     | 0.016     | 0         | 53.3 | 54.2 | 34   | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 23  | 18   | 27     | 13     | 0.764     | -0.052    | 3.776 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 34.8 | 158        | 161        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 18   | 37     | 13     | 0.837     | -0.043    | 3.776 | 0.016     | 0.016     | 0         | 52.9 | 54.2 | 31.4 | 157        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 18   | 47     | 13     | 0.804     | -0.016    | 3.776 | 0.01      | 0.007     | 0         | 52.5 | 54.2 | 34.8 | 157        | 160        | 0          | 35     | 34     |
| 2009 | 6     | 23  | 18   | 57     | 13     | 0.751     | -0.049    | 3.776 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 36.5 | 157        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 19   | 7      | 13     | 0.735     | -0.056    | 3.78  | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 34.8 | 157        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 19   | 17     | 13     | 0.758     | -0.003    | 3.776 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 34   | 157        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 23  | 19   | 27     | 13     | 0.715     | -0.069    | 3.776 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 33.5 | 157        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 19   | 37     | 13     | 0.728     | -0.03     | 3.776 | 0.016     | 0.016     | 0         | 52.9 | 53.8 | 34   | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 23  | 19   | 47     | 13     | 0.751     | -0.039    | 3.776 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 33.5 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 23  | 19   | 57     | 13     | 0.787     | -0.013    | 3.776 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 33.1 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 23  | 20   | 7      | 13     | 0.833     | -0.082    | 3.776 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 33.5 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 23  | 20   | 17     | 13     | 0.797     | -0.043    | 3.776 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 32.7 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 23  | 20   | 27     | 13     | 0.84      | -0.052    | 3.776 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 32.3 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 23  | 20   | 37     | 13     | 0.771     | -0.046    | 3.776 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 32.3 | 157        | 160        | 0          | 34     | 36     |
| 2009 | 6     | 23  | 20   | 47     | 13     | 0.804     | -0.03     | 3.776 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 33.5 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 23  | 20   | 57     | 13     | 0.814     | -0.036    | 3.776 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 33.5 | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 21   | 7      | 13     | 0.827     | -0.033    | 3.776 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 33.5 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 23  | 21   | 17     | 13     | 0.774     | -0.075    | 3.776 | 0.016     | 0.013     | 0         | 51.6 | 52.9 | 31.8 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 23  | 21   | 27     | 13     | 0.771     | -0.023    | 3.776 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 34.4 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 23  | 21   | 37     | 13     | 0.814     | -0.052    | 3.776 | 0.01      | 0.007     | 0         | 51.6 | 53.3 | 33.1 | 155        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 23  | 21   | 47     | 13     | 0.761     | -0.049    | 3.776 | 0.013     | 0.01      | 0         | 51.6 | 53.8 | 32.3 | 155        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 23  | 21   | 57     | 13     | 0.846     | -0.03     | 3.776 | 0.01      | 0.007     | 0         | 51.6 | 52.5 | 34   | 155        | 158        | 0          | 35     | 36     |
| 2009 | 6     | 23  | 22   | 7      | 13     | 0.791     | -0.069    | 3.776 | 0.01      | 0.007     | 0         | 52   | 52.9 | 31.8 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 23  | 22   | 17     | 13     | 0.823     | -0.003    | 3.776 | 0.013     | 0.01      | 0         | 52   | 53.8 | 31.8 | 155        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 22   | 27     | 13     | 0.81      | -0.079    | 3.776 | 0.013     | 0.01      | 0         | 52   | 53.3 | 32.7 | 155        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 23  | 22   | 37     | 13     | 0.866     | -0.026    | 3.776 | 0.01      | 0.007     | 0         | 52   | 53.3 | 32.7 | 155        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 23  | 22   | 47     | 13     | 0.778     | -0.069    | 3.776 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 32.7 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 23  | 22   | 57     | 13     | 0.82      | 0.016     | 3.776 | 0.013     | 0.01      | 0         | 52   | 53.3 | 33.5 | 155        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 23  | 23   | 7      | 13     | 0.787     | -0.049    | 3.776 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 33.1 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 23  | 23   | 17     | 13     | 0.817     | -0.062    | 3.776 | 0.01      | 0.007     | 0         | 51.6 | 53.3 | 33.1 | 155        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 23  | 23   | 27     | 13     | 0.781     | -0.046    | 3.776 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 32.3 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 23  | 23   | 37     | 13     | 0.741     | -0.043    | 3.776 | 0.01      | 0.007     | 0         | 52   | 52.9 | 32.3 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 23  | 23   | 47     | 13     | 0.784     | -0.049    | 3.776 | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 33.5 | 154        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 23  | 23   | 57     | 13     | 0.761     | -0.039    | 3.776 | 0.01      | 0.007     | 0         | 52   | 52.9 | 30.5 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 0    | 7      | 13     | 0.814     | -0.03     | 3.776 | 0.01      | 0.007     | 0         | 52   | 52.9 | 31.4 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 0    | 17     | 13     | 0.807     | -0.016    | 3.776 | 0.01      | 0.007     | 0         | 51.6 | 53.3 | 31.8 | 155        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 0    | 27     | 13     | 0.83      | -0.013    | 3.776 | 0.01      | 0.007     | 0         | 52   | 53.3 | 31.4 | 155        | 158        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 24  | 0    | 37     | 13     | 0.774     | -0.043    | 3.776 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 31.4 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 0    | 47     | 13     | 0.814     | -0.062    | 3.776 | 0.016     | 0.013     | 0         | 52   | 53.3 | 30.1 | 155        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 0    | 57     | 13     | 0.81      | -0.016    | 3.776 | 0.013     | 0.01      | 0         | 52   | 52.9 | 32.3 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 1    | 7      | 13     | 0.774     | -0.069    | 3.776 | 0.01      | 0.007     | 0         | 51.6 | 53.3 | 33.1 | 155        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 24  | 1    | 17     | 13     | 0.774     | -0.016    | 3.776 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 32.3 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 1    | 27     | 13     | 0.817     | -0.026    | 3.776 | 0.013     | 0.01      | 0         | 52   | 52.9 | 31.8 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 1    | 37     | 13     | 0.791     | 0         | 3.776 | 0.013     | 0.01      | 0         | 51.6 | 53.3 | 31.4 | 155        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 1    | 47     | 13     | 0.764     | -0.049    | 3.776 | 0.01      | 0.007     | 0         | 51.6 | 53.3 | 32.7 | 155        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 24  | 1    | 57     | 13     | 0.804     | -0.056    | 3.776 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 31.4 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 2    | 7      | 13     | 0.82      | -0.046    | 3.776 | 0.013     | 0.01      | 0         | 52   | 52.9 | 31   | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 2    | 17     | 13     | 0.817     | -0.059    | 3.78  | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 31   | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 2    | 27     | 13     | 0.856     | -0.03     | 3.776 | 0.013     | 0.01      | 0         | 51.6 | 53.3 | 31.8 | 155        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 2    | 37     | 13     | 0.787     | -0.033    | 3.776 | 0.01      | 0.007     | 0         | 52   | 53.3 | 31   | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 2    | 47     | 13     | 0.86      | -0.033    | 3.78  | 0.01      | 0.007     | 0         | 51.6 | 53.3 | 30.1 | 155        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 2    | 57     | 13     | 0.797     | -0.007    | 3.78  | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 31   | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 3    | 7      | 13     | 0.807     | -0.062    | 3.78  | 0.01      | 0.007     | 0         | 52   | 52.9 | 31.8 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 3    | 17     | 13     | 0.781     | -0.03     | 3.78  | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 31   | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 3    | 27     | 13     | 0.794     | -0.016    | 3.783 | 0.013     | 0.01      | 0         | 52   | 53.3 | 30.5 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 3    | 37     | 13     | 0.83      | -0.039    | 3.78  | 0.016     | 0.013     | 0         | 51.6 | 53.3 | 29.7 | 155        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 3    | 47     | 13     | 0.863     | -0.033    | 3.783 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 30.5 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 3    | 57     | 13     | 0.787     | -0.052    | 3.783 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 31   | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 4    | 7      | 13     | 0.797     | -0.052    | 3.783 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 31.4 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 4    | 17     | 13     | 0.86      | -0.036    | 3.786 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 31.4 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 4    | 27     | 13     | 0.787     | -0.03     | 3.789 | 0.013     | 0.01      | 0         | 52   | 53.3 | 31.8 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 4    | 37     | 13     | 0.791     | -0.046    | 3.789 | 0.016     | 0.013     | 0         | 52.5 | 53.8 | 31   | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 4    | 47     | 13     | 0.784     | -0.039    | 3.789 | 0.016     | 0.013     | 0         | 52.5 | 53.8 | 31.4 | 156        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 4    | 57     | 13     | 0.784     | -0.062    | 3.789 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 30.5 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 5    | 7      | 13     | 0.82      | -0.069    | 3.789 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 31.4 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 5    | 17     | 13     | 0.778     | -0.066    | 3.789 | 0.016     | 0.013     | 0         | 52   | 53.3 | 32.3 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 5    | 27     | 13     | 0.807     | -0.03     | 3.789 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 30.5 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 5    | 37     | 13     | 0.843     | -0.039    | 3.789 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 31   | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 5    | 47     | 13     | 0.81      | -0.079    | 3.789 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 30.1 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 5    | 57     | 13     | 0.81      | -0.049    | 3.789 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 31   | 157        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 6    | 7      | 13     | 0.817     | -0.03     | 3.793 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 31   | 157        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 24  | 6    | 17     | 13     | 0.837     | -0.026    | 3.789 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 31   | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 6    | 27     | 13     | 0.758     | -0.039    | 3.793 | 0.016     | 0.016     | 0         | 52.5 | 53.8 | 30.5 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 6    | 37     | 13     | 0.758     | -0.062    | 3.793 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 31   | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 6    | 47     | 13     | 0.774     | -0.062    | 3.793 | 0.01      | 0.007     | 0         | 52   | 53.3 | 31.4 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 6    | 57     | 13     | 0.784     | -0.056    | 3.793 | 0.013     | 0.01      | 0         | 52   | 52.9 | 31   | 156        | 159        | 0          | 35     | 36     |
| 2009 | 6     | 24  | 7    | 7      | 13     | 0.804     | -0.062    | 3.793 | 0.016     | 0.013     | 0         | 52.5 | 53.3 | 30.5 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 7    | 17     | 13     | 0.774     | -0.049    | 3.793 | 0.016     | 0.013     | 0         | 52   | 53.3 | 31.8 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 7    | 27     | 13     | 0.807     | -0.036    | 3.793 | 0.01      | 0.007     | 0         | 52   | 53.8 | 31.8 | 156        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 7    | 37     | 13     | 0.787     | -0.03     | 3.793 | 0.016     | 0.013     | 0         | 52   | 53.8 | 31.4 | 156        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 24  | 7    | 47     | 13     | 0.837     | -0.059    | 3.793 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 31   | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 7    | 57     | 13     | 0.797     | -0.062    | 3.793 | 0.016     | 0.013     | 0         | 52   | 53.3 | 33.1 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 8    | 7      | 13     | 0.745     | -0.082    | 3.793 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 31   | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 8    | 17     | 13     | 0.787     | -0.026    | 3.793 | 0.016     | 0.016     | 0         | 52.5 | 53.8 | 31   | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 8    | 27     | 13     | 0.774     | -0.052    | 3.793 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 31.8 | 157        | 160        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 24  | 8    | 37     | 13     | 0.82      | -0.062    | 3.793 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 31.8 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 8    | 47     | 13     | 0.791     | -0.013    | 3.793 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 31.4 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 8    | 57     | 13     | 0.761     | -0.066    | 3.793 | 0.016     | 0.013     | 0         | 52.5 | 53.8 | 31   | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 9    | 7      | 13     | 0.794     | -0.039    | 3.793 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 31.8 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 9    | 17     | 13     | 0.781     | -0.01     | 3.793 | 0.013     | 0.01      | 0         | 52.5 | 54.2 | 31   | 157        | 160        | 0          | 35     | 34     |
| 2009 | 6     | 24  | 9    | 27     | 13     | 0.761     | -0.066    | 3.793 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 31.4 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 9    | 37     | 13     | 0.719     | -0.033    | 3.793 | 0.01      | 0.007     | 0         | 52   | 53.3 | 31.8 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 9    | 47     | 13     | 0.794     | -0.026    | 3.793 | 0.01      | 0.007     | 0         | 51.6 | 53.3 | 32.3 | 156        | 159        | 0          | 36     | 35     |
| 2009 | 6     | 24  | 9    | 57     | 13     | 0.764     | -0.036    | 3.793 | 0.01      | 0.007     | 0         | 52   | 52.9 | 32.3 | 156        | 159        | 0          | 35     | 36     |
| 2009 | 6     | 24  | 10   | 7      | 13     | 0.791     | -0.03     | 3.793 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 31   | 157        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 10   | 17     | 13     | 0.745     | -0.03     | 3.793 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 31.4 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 10   | 27     | 13     | 0.761     | -0.075    | 3.793 | 0.013     | 0.01      | 0         | 52   | 53.8 | 31.4 | 156        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 10   | 37     | 13     | 0.725     | -0.039    | 3.793 | 0.013     | 0.01      | 0         | 52   | 53.3 | 31.8 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 10   | 47     | 13     | 0.781     | -0.049    | 3.793 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 31   | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 10   | 57     | 13     | 0.774     | -0.033    | 3.793 | 0.013     | 0.01      | 0         | 52   | 53.3 | 32.3 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 11   | 7      | 13     | 0.784     | -0.079    | 3.793 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 32.3 | 157        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 11   | 17     | 13     | 0.741     | -0.072    | 3.793 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 33.1 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 11   | 27     | 13     | 0.732     | -0.046    | 3.793 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 29.7 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 11   | 37     | 13     | 0.771     | -0.01     | 3.789 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 32.3 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 11   | 47     | 13     | 0.728     | -0.016    | 3.789 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 31   | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 11   | 57     | 13     | 0.692     | -0.046    | 3.789 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 31   | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 12   | 7      | 13     | 0.748     | -0.039    | 3.786 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 32.3 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 12   | 17     | 13     | 0.705     | -0.056    | 3.786 | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 31.4 | 159        | 162        | 0          | 36     | 35     |
| 2009 | 6     | 24  | 12   | 27     | 13     | 0.719     | -0.02     | 3.783 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 38.7 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 12   | 37     | 13     | 0.728     | -0.066    | 3.783 | 0.013     | 0.01      | 0         | 53.8 | 55   | 35.3 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 12   | 47     | 13     | 0.725     | -0.062    | 3.783 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 40.4 | 161        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 12   | 57     | 13     | 0.745     | -0.036    | 3.783 | 0.013     | 0.01      | 0         | 54.2 | 55   | 35.7 | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 13   | 7      | 13     | 0.728     | -0.026    | 3.783 | 0.013     | 0.01      | 0         | 54.2 | 55   | 37   | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 13   | 17     | 13     | 0.761     | -0.043    | 3.783 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 42.1 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 13   | 27     | 13     | 0.676     | -0.066    | 3.783 | 0.01      | 0.007     | 0         | 54.6 | 56.3 | 41.7 | 162        | 165        | 0          | 35     | 34     |
| 2009 | 6     | 24  | 13   | 37     | 13     | 0.709     | -0.02     | 3.78  | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 39.6 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 13   | 47     | 13     | 0.702     | -0.036    | 3.78  | 0.01      | 0.007     | 0         | 54.2 | 55.5 | 35.3 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 13   | 57     | 13     | 0.725     | -0.036    | 3.78  | 0.013     | 0.01      | 0         | 55   | 55.5 | 46   | 161        | 164        | 0          | 33     | 35     |
| 2009 | 6     | 24  | 14   | 7      | 13     | 0.784     | -0.02     | 3.78  | 0.01      | 0.007     | 0         | 54.2 | 55.9 | 43   | 161        | 164        | 0          | 35     | 34     |
| 2009 | 6     | 24  | 14   | 17     | 13     | 0.751     | -0.01     | 3.78  | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 41.7 | 161        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 14   | 27     | 13     | 0.774     | -0.059    | 3.78  | 0.01      | 0.007     | 0         | 54.2 | 55.9 | 40   | 161        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 14   | 37     | 13     | 0.807     | -0.046    | 3.78  | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 44.7 | 161        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 14   | 47     | 13     | 0.755     | -0.056    | 3.78  | 0.013     | 0.01      | 0         | 54.2 | 55.9 | 45.2 | 160        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 14   | 57     | 13     | 0.745     | -0.046    | 3.78  | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 46.9 | 161        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 15   | 7      | 13     | 0.719     | -0.049    | 3.78  | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 45.2 | 161        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 15   | 17     | 13     | 0.778     | -0.03     | 3.78  | 0.013     | 0.01      | 0         | 54.6 | 56.3 | 45.6 | 162        | 165        | 0          | 35     | 34     |
| 2009 | 6     | 24  | 15   | 27     | 13     | 0.768     | 0         | 3.78  | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 47.3 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 15   | 37     | 13     | 0.741     | -0.026    | 3.78  | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 45.2 | 162        | 165        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 15   | 47     | 13     | 0.768     | -0.02     | 3.78  | 0.013     | 0.01      | 0         | 55   | 56.3 | 43.9 | 162        | 165        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 15   | 57     | 13     | 0.801     | -0.016    | 3.776 | 0.013     | 0.01      | 0         | 55   | 56.3 | 46.9 | 162        | 165        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 16   | 7      | 13     | 0.784     | -0.039    | 3.776 | 0.013     | 0.01      | 0         | 55   | 56.3 | 45.2 | 162        | 165        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 16   | 17     | 13     | 0.81      | -0.03     | 3.776 | 0.01      | 0.007     | 0         | 55   | 56.3 | 39.6 | 162        | 165        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 16   | 27     | 13     | 0.82      | -0.023    | 3.776 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 45.6 | 162        | 165        | 0          | 33     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 24  | 16   | 37     | 13     | 0.801     | -0.043    | 3.776 | 0.013     | 0.01      | 0         | 55   | 55.9 | 49   | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 16   | 47     | 13     | 0.768     | -0.016    | 3.776 | 0.013     | 0.01      | 0         | 54.2 | 55.9 | 49   | 161        | 164        | 0          | 35     | 34     |
| 2009 | 6     | 24  | 16   | 57     | 13     | 0.741     | -0.036    | 3.776 | 0.01      | 0.007     | 0         | 54.2 | 55.5 | 49   | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 17   | 7      | 13     | 0.741     | -0.059    | 3.776 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 48.2 | 162        | 164        | 0          | 35     | 34     |
| 2009 | 6     | 24  | 17   | 17     | 13     | 0.794     | -0.007    | 3.773 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 46.9 | 161        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 17   | 27     | 13     | 0.761     | -0.033    | 3.773 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 47.3 | 161        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 17   | 37     | 13     | 0.804     | 0.03      | 3.773 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 47.3 | 161        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 17   | 47     | 13     | 0.741     | -0.02     | 3.773 | 0.01      | 0.007     | 0         | 55   | 56.3 | 46.4 | 162        | 165        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 17   | 57     | 13     | 0.768     | -0.049    | 3.773 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 44.7 | 161        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 18   | 7      | 13     | 0.738     | -0.013    | 3.773 | 0.01      | 0.007     | 0         | 54.2 | 55.9 | 45.2 | 161        | 164        | 0          | 35     | 34     |
| 2009 | 6     | 24  | 18   | 17     | 13     | 0.82      | -0.023    | 3.773 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 45.2 | 161        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 18   | 27     | 13     | 0.787     | 0         | 3.773 | 0.016     | 0.016     | 0         | 53.8 | 55.5 | 46   | 160        | 163        | 0          | 35     | 34     |
| 2009 | 6     | 24  | 18   | 37     | 13     | 0.755     | -0.049    | 3.77  | 0.01      | 0.007     | 0         | 53.8 | 55.5 | 46.9 | 160        | 163        | 0          | 35     | 34     |
| 2009 | 6     | 24  | 18   | 47     | 13     | 0.748     | -0.052    | 3.77  | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 49.5 | 161        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 18   | 57     | 13     | 0.814     | -0.02     | 3.77  | 0.01      | 0.007     | 0         | 54.6 | 56.3 | 46.9 | 161        | 165        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 19   | 7      | 13     | 0.85      | 0.01      | 3.77  | 0.01      | 0.007     | 0         | 55   | 55.9 | 46   | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 19   | 17     | 13     | 0.787     | -0.049    | 3.77  | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 46.9 | 161        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 19   | 27     | 13     | 0.751     | -0.036    | 3.77  | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 48.2 | 161        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 19   | 37     | 13     | 0.748     | 0         | 3.77  | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 45.6 | 161        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 19   | 47     | 13     | 0.781     | -0.01     | 3.77  | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 39.6 | 161        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 19   | 57     | 13     | 0.827     | -0.013    | 3.77  | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 34.4 | 161        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 20   | 7      | 13     | 0.768     | -0.049    | 3.77  | 0.013     | 0.01      | 0         | 53.8 | 55.5 | 31.4 | 160        | 163        | 0          | 35     | 34     |
| 2009 | 6     | 24  | 20   | 17     | 13     | 0.748     | -0.043    | 3.773 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 33.1 | 158        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 20   | 27     | 13     | 0.774     | -0.026    | 3.773 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 31   | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 20   | 37     | 13     | 0.741     | -0.049    | 3.773 | 0.01      | 0.007     | 0         | 53.3 | 55   | 31.8 | 159        | 162        | 0          | 35     | 34     |
| 2009 | 6     | 24  | 20   | 47     | 13     | 0.768     | -0.043    | 3.773 | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 33.1 | 157        | 161        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 20   | 57     | 13     | 0.817     | -0.016    | 3.773 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 33.1 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 21   | 7      | 13     | 0.827     | -0.03     | 3.776 | 0.01      | 0.007     | 0         | 52   | 53.8 | 33.1 | 156        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 21   | 17     | 13     | 0.791     | 0         | 3.776 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 33.5 | 156        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 21   | 27     | 13     | 0.764     | -0.062    | 3.776 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 33.1 | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 21   | 37     | 13     | 0.83      | 0.007     | 3.776 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 34.4 | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 21   | 47     | 13     | 0.794     | -0.007    | 3.776 | 0.013     | 0.01      | 0         | 52   | 54.2 | 32.7 | 156        | 160        | 0          | 35     | 34     |
| 2009 | 6     | 24  | 21   | 57     | 13     | 0.853     | -0.033    | 3.78  | 0.01      | 0.007     | 0         | 52   | 53.8 | 33.1 | 156        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 24  | 22   | 7      | 13     | 0.787     | -0.046    | 3.78  | 0.013     | 0.01      | 0         | 52   | 53.3 | 33.1 | 155        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 22   | 17     | 13     | 0.814     | -0.046    | 3.78  | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 31.8 | 156        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 22   | 27     | 13     | 0.833     | 0         | 3.78  | 0.013     | 0.01      | 0         | 52   | 53.8 | 31.4 | 155        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 22   | 37     | 13     | 0.823     | -0.036    | 3.783 | 0.01      | 0.007     | 0         | 51.6 | 53.3 | 31   | 155        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 24  | 22   | 47     | 13     | 0.883     | -0.003    | 3.783 | 0.01      | 0.007     | 0         | 52   | 52.9 | 31   | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 22   | 57     | 13     | 0.823     | -0.03     | 3.783 | 0.013     | 0.01      | 0         | 52   | 52.9 | 30.5 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 23   | 7      | 13     | 0.801     | -0.003    | 3.783 | 0.01      | 0.007     | 0         | 52   | 53.3 | 31.4 | 155        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 23   | 17     | 13     | 0.81      | -0.052    | 3.786 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 30.5 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 23   | 27     | 13     | 0.791     | -0.043    | 3.786 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 31   | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 24  | 23   | 37     | 13     | 0.843     | -0.046    | 3.789 | 0.01      | 0.007     | 0         | 52   | 53.3 | 31.8 | 155        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 23   | 47     | 13     | 0.804     | -0.046    | 3.793 | 0.013     | 0.01      | 0         | 52   | 52.9 | 30.5 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 24  | 23   | 57     | 13     | 0.774     | -0.033    | 3.793 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 32.7 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 0    | 7      | 13     | 0.804     | -0.059    | 3.796 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 32.3 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 0    | 17     | 13     | 0.794     | -0.036    | 3.796 | 0.01      | 0.007     | 0         | 52   | 52.9 | 31   | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 0    | 27     | 13     | 0.82      | -0.013    | 3.799 | 0.01      | 0.007     | 0         | 52   | 53.3 | 32.3 | 155        | 158        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 25  | 0    | 37     | 13     | 0.846     | -0.066    | 3.799 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 33.1 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 0    | 47     | 13     | 0.866     | -0.059    | 3.799 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 33.1 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 0    | 57     | 13     | 0.768     | -0.049    | 3.799 | 0.013     | 0.01      | 0         | 52   | 52.9 | 32.3 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 1    | 7      | 13     | 0.801     | -0.026    | 3.802 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 32.7 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 1    | 17     | 13     | 0.833     | -0.016    | 3.802 | 0.013     | 0.01      | 0         | 51.6 | 53.3 | 33.5 | 155        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 25  | 1    | 27     | 13     | 0.801     | -0.026    | 3.802 | 0.016     | 0.013     | 0         | 52   | 52.9 | 31.4 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 1    | 37     | 13     | 0.787     | -0.049    | 3.802 | 0.01      | 0.007     | 0         | 52   | 53.3 | 33.1 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 1    | 47     | 13     | 0.817     | -0.003    | 3.806 | 0.01      | 0.007     | 0         | 51.6 | 53.3 | 32.3 | 155        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 1    | 57     | 13     | 0.794     | -0.036    | 3.806 | 0.01      | 0.007     | 0         | 51.6 | 53.3 | 33.1 | 155        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 2    | 7      | 13     | 0.797     | -0.049    | 3.806 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 32.3 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 2    | 17     | 13     | 0.82      | -0.033    | 3.806 | 0.01      | 0.007     | 0         | 51.6 | 53.3 | 32.7 | 155        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 2    | 27     | 13     | 0.84      | -0.013    | 3.806 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 31   | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 2    | 37     | 13     | 0.797     | -0.039    | 3.806 | 0.013     | 0.01      | 0         | 52   | 53.8 | 32.3 | 156        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 25  | 2    | 47     | 13     | 0.807     | -0.013    | 3.806 | 0.016     | 0.016     | 0         | 52   | 53.3 | 31.4 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 2    | 57     | 13     | 0.768     | -0.052    | 3.809 | 0.01      | 0.007     | 0         | 52   | 53.3 | 31.4 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 3    | 7      | 13     | 0.833     | -0.033    | 3.809 | 0.01      | 0.007     | 0         | 52   | 53.3 | 31.8 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 3    | 17     | 13     | 0.81      | -0.036    | 3.809 | 0.013     | 0.01      | 0         | 51.6 | 53.3 | 32.3 | 156        | 159        | 0          | 36     | 35     |
| 2009 | 6     | 25  | 3    | 27     | 13     | 0.784     | -0.062    | 3.809 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 31.8 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 3    | 37     | 13     | 0.794     | -0.003    | 3.809 | 0.01      | 0.007     | 0         | 52   | 53.3 | 30.5 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 3    | 47     | 13     | 0.846     | -0.046    | 3.809 | 0.01      | 0.007     | 0         | 52   | 53.3 | 31.4 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 3    | 57     | 13     | 0.778     | -0.052    | 3.809 | 0.013     | 0.01      | 0         | 52   | 53.3 | 30.1 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 4    | 7      | 13     | 0.807     | -0.089    | 3.809 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 30.1 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 4    | 17     | 13     | 0.781     | -0.085    | 3.809 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 31   | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 4    | 27     | 13     | 0.83      | -0.059    | 3.809 | 0.01      | 0.007     | 0         | 52   | 52.9 | 32.3 | 156        | 159        | 0          | 35     | 36     |
| 2009 | 6     | 25  | 4    | 37     | 13     | 0.833     | -0.039    | 3.809 | 0.013     | 0.01      | 0         | 52   | 53.3 | 29.7 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 4    | 47     | 13     | 0.748     | -0.066    | 3.809 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 28.8 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 4    | 57     | 13     | 0.827     | -0.062    | 3.812 | 0.01      | 0.007     | 0         | 52   | 53.3 | 31.8 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 5    | 7      | 13     | 0.807     | -0.056    | 3.812 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 31.4 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 5    | 17     | 13     | 0.778     | -0.066    | 3.809 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 30.1 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 5    | 27     | 13     | 0.764     | -0.049    | 3.812 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 29.7 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 5    | 37     | 13     | 0.794     | -0.02     | 3.812 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 30.1 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 5    | 47     | 13     | 0.748     | -0.066    | 3.812 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 31   | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 5    | 57     | 13     | 0.794     | -0.036    | 3.812 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 28.8 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 6    | 7      | 13     | 0.817     | -0.049    | 3.812 | 0.016     | 0.013     | 0         | 52.5 | 53.8 | 31.4 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 6    | 17     | 13     | 0.764     | -0.043    | 3.812 | 0.013     | 0.01      | 0         | 52   | 53.3 | 30.5 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 6    | 27     | 13     | 0.804     | -0.046    | 3.816 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 30.1 | 156        | 160        | 0          | 34     | 36     |
| 2009 | 6     | 25  | 6    | 37     | 13     | 0.787     | -0.049    | 3.816 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 29.7 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 6    | 47     | 13     | 0.761     | -0.049    | 3.816 | 0.013     | 0.01      | 0         | 52   | 53.3 | 29.7 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 6    | 57     | 13     | 0.735     | -0.049    | 3.816 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 30.1 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 7    | 7      | 13     | 0.807     | -0.036    | 3.816 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 29.2 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 7    | 17     | 13     | 0.787     | -0.069    | 3.816 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 29.2 | 157        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 7    | 27     | 13     | 0.84      | -0.013    | 3.816 | 0.013     | 0.01      | 0         | 52   | 53.3 | 30.1 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 7    | 37     | 13     | 0.778     | -0.033    | 3.816 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 29.2 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 7    | 47     | 13     | 0.817     | -0.03     | 3.816 | 0.01      | 0.007     | 0         | 52   | 53.3 | 29.2 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 7    | 57     | 13     | 0.823     | -0.016    | 3.816 | 0.013     | 0.01      | 0         | 52   | 53.3 | 30.5 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 8    | 7      | 13     | 0.778     | -0.03     | 3.819 | 0.016     | 0.013     | 0         | 52   | 53.3 | 31   | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 8    | 17     | 13     | 0.846     | -0.003    | 3.816 | 0.01      | 0.007     | 0         | 52   | 53.3 | 31.4 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 8    | 27     | 13     | 0.761     | -0.026    | 3.816 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 29.2 | 157        | 160        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 25  | 8    | 37     | 13     | 0.722     | -0.052    | 3.816 | 0.01      | 0.007     | 0         | 52   | 53.3 | 30.1 | 157        | 160        | 0          | 36     | 36     |
| 2009 | 6     | 25  | 8    | 47     | 13     | 0.745     | -0.079    | 3.816 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 29.7 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 8    | 57     | 13     | 0.712     | -0.033    | 3.816 | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 31   | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 9    | 7      | 13     | 0.801     | -0.082    | 3.812 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 30.1 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 9    | 17     | 13     | 0.794     | -0.062    | 3.816 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 31.4 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 9    | 27     | 13     | 0.827     | -0.049    | 3.812 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 29.2 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 9    | 37     | 13     | 0.761     | -0.046    | 3.812 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 29.2 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 9    | 47     | 13     | 0.771     | -0.026    | 3.812 | 0.016     | 0.013     | 0         | 52.5 | 53.8 | 29.7 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 9    | 57     | 13     | 0.778     | -0.046    | 3.812 | 0.013     | 0.01      | 0         | 52   | 53.3 | 31   | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 10   | 7      | 13     | 0.758     | -0.033    | 3.812 | 0.013     | 0.01      | 0         | 52   | 52.9 | 31.4 | 156        | 159        | 0          | 35     | 36     |
| 2009 | 6     | 25  | 10   | 17     | 13     | 0.778     | -0.003    | 3.812 | 0.01      | 0.007     | 0         | 52   | 53.3 | 30.5 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 10   | 27     | 13     | 0.784     | -0.033    | 3.812 | 0.01      | 0.007     | 0         | 51.6 | 53.3 | 31.8 | 155        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 10   | 37     | 13     | 0.82      | -0.036    | 3.809 | 0.013     | 0.01      | 0         | 52   | 53.3 | 31   | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 10   | 47     | 13     | 0.764     | -0.036    | 3.809 | 0.013     | 0.01      | 0         | 52   | 53.3 | 31   | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 10   | 57     | 13     | 0.709     | -0.056    | 3.812 | 0.01      | 0.007     | 0         | 52   | 52.5 | 32.3 | 156        | 158        | 0          | 35     | 36     |
| 2009 | 6     | 25  | 11   | 7      | 13     | 0.784     | -0.026    | 3.809 | 0.01      | 0.007     | 0         | 52   | 53.3 | 31   | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 11   | 17     | 13     | 0.741     | -0.082    | 3.809 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 31.8 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 11   | 27     | 13     | 0.791     | -0.039    | 3.809 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 37   | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 11   | 37     | 13     | 0.768     | -0.033    | 3.809 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 31.4 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 11   | 47     | 13     | 0.83      | -0.023    | 3.809 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 36.5 | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 11   | 57     | 13     | 0.745     | -0.059    | 3.809 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 31.4 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 12   | 7      | 13     | 0.774     | -0.039    | 3.809 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 37   | 159        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 12   | 17     | 13     | 0.738     | -0.046    | 3.809 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 43   | 159        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 12   | 27     | 13     | 0.771     | 0.003     | 3.809 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 44.3 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 12   | 37     | 13     | 0.725     | -0.072    | 3.812 | 0.016     | 0.016     | 0         | 53.8 | 55   | 46   | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 12   | 47     | 13     | 0.745     | -0.075    | 3.809 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 36.5 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 12   | 57     | 13     | 0.774     | -0.043    | 3.809 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 44.3 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 13   | 7      | 13     | 0.764     | -0.049    | 3.812 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 49.9 | 161        | 164        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 13   | 17     | 13     | 0.745     | -0.049    | 3.812 | 0.01      | 0.007     | 0         | 55   | 56.8 | 47.7 | 163        | 166        | 0          | 35     | 34     |
| 2009 | 6     | 25  | 13   | 27     | 13     | 0.712     | -0.033    | 3.812 | 0.013     | 0.01      | 0         | 55   | 56.3 | 46.9 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 13   | 37     | 13     | 0.787     | -0.007    | 3.812 | 0.01      | 0.007     | 0         | 55   | 56.3 | 47.3 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 13   | 47     | 13     | 0.745     | -0.072    | 3.812 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 48.2 | 164        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 13   | 57     | 13     | 0.787     | -0.039    | 3.812 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 49   | 163        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 14   | 7      | 13     | 0.83      | 0.023     | 3.812 | 0.01      | 0.007     | 0         | 55.5 | 57.2 | 48.6 | 164        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 14   | 17     | 13     | 0.735     | -0.043    | 3.812 | 0.013     | 0.01      | 0         | 55.9 | 57.2 | 47.3 | 165        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 14   | 27     | 13     | 0.768     | 0.01      | 3.812 | 0.013     | 0.01      | 0         | 56.3 | 57.6 | 47.7 | 165        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 14   | 37     | 13     | 0.797     | -0.003    | 3.812 | 0.01      | 0.007     | 0         | 56.3 | 57.2 | 46.4 | 165        | 168        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 14   | 47     | 13     | 0.755     | 0         | 3.812 | 0.013     | 0.01      | 0         | 56.8 | 57.2 | 46.9 | 166        | 168        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 14   | 57     | 13     | 0.751     | -0.049    | 3.809 | 0.013     | 0.01      | 0         | 56.3 | 57.2 | 46   | 165        | 168        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 15   | 7      | 13     | 0.797     | -0.003    | 3.812 | 0.016     | 0.013     | 0         | 56.3 | 57.2 | 47.7 | 165        | 168        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 15   | 17     | 13     | 0.745     | 0         | 3.812 | 0.01      | 0.007     | 0         | 56.8 | 57.2 | 46.4 | 166        | 168        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 15   | 27     | 13     | 0.735     | -0.016    | 3.809 | 0.016     | 0.013     | 0         | 56.3 | 57.2 | 47.3 | 165        | 168        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 15   | 37     | 13     | 0.846     | -0.013    | 3.809 | 0.01      | 0.007     | 0         | 55.9 | 57.2 | 45.2 | 165        | 168        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 15   | 47     | 13     | 0.84      | -0.02     | 3.809 | 0.013     | 0.01      | 0         | 56.3 | 57.6 | 46.9 | 165        | 168        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 15   | 57     | 13     | 0.817     | 0.02      | 3.812 | 0.013     | 0.01      | 0         | 55.9 | 57.2 | 49   | 164        | 167        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 16   | 7      | 13     | 0.764     | -0.066    | 3.809 | 0.01      | 0.007     | 0         | 55.9 | 56.8 | 43.9 | 164        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 16   | 17     | 13     | 0.761     | -0.023    | 3.809 | 0.01      | 0.007     | 0         | 55.9 | 56.8 | 46   | 164        | 167        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 16   | 27     | 13     | 0.735     | 0         | 3.806 | 0.013     | 0.01      | 0         | 55.5 | 57.2 | 41.7 | 163        | 167        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 25  | 16   | 37     | 13     | 0.787     | -0.013    | 3.809 | 0.01      | 0.007     | 0         | 55   | 56.3 | 45.2 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 16   | 47     | 13     | 0.764     | -0.02     | 3.809 | 0.013     | 0.01      | 0         | 55   | 56.3 | 45.6 | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 16   | 57     | 13     | 0.761     | -0.072    | 3.809 | 0.013     | 0.01      | 0         | 55   | 56.3 | 49   | 163        | 166        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 17   | 7      | 13     | 0.774     | -0.026    | 3.809 | 0.01      | 0.007     | 0         | 55   | 56.3 | 44.7 | 162        | 165        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 17   | 17     | 13     | 0.827     | 0.013     | 3.809 | 0.013     | 0.01      | 0         | 55   | 56.3 | 42.6 | 162        | 165        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 17   | 27     | 13     | 0.751     | -0.049    | 3.806 | 0.01      | 0.007     | 0         | 54.6 | 56.3 | 44.3 | 162        | 165        | 0          | 35     | 34     |
| 2009 | 6     | 25  | 17   | 37     | 13     | 0.781     | -0.02     | 3.806 | 0.01      | 0.007     | 0         | 54.2 | 55.9 | 47.3 | 161        | 164        | 0          | 35     | 34     |
| 2009 | 6     | 25  | 17   | 47     | 13     | 0.791     | -0.036    | 3.806 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 44.7 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 17   | 57     | 13     | 0.84      | 0.013     | 3.806 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 42.6 | 161        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 18   | 7      | 13     | 0.814     | -0.033    | 3.806 | 0.013     | 0.01      | 0         | 54.6 | 56.3 | 47.3 | 161        | 165        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 18   | 17     | 13     | 0.719     | -0.049    | 3.809 | 0.016     | 0.013     | 0         | 55   | 55.9 | 46.9 | 162        | 165        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 18   | 27     | 13     | 0.801     | 0.046     | 3.806 | 0.01      | 0.007     | 0         | 55   | 56.3 | 44.7 | 162        | 165        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 18   | 37     | 13     | 0.797     | -0.043    | 3.806 | 0.01      | 0.007     | 0         | 54.2 | 55.9 | 40.4 | 161        | 164        | 0          | 35     | 34     |
| 2009 | 6     | 25  | 18   | 47     | 13     | 0.81      | -0.013    | 3.809 | 0.013     | 0.01      | 0         | 53.8 | 55.5 | 39.6 | 160        | 164        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 18   | 57     | 13     | 0.791     | -0.033    | 3.809 | 0.013     | 0.01      | 0         | 54.2 | 55   | 32.3 | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 19   | 7      | 13     | 0.741     | -0.069    | 3.809 | 0.01      | 0.007     | 0         | 53.8 | 55   | 30.5 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 19   | 17     | 13     | 0.823     | -0.062    | 3.809 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 31.4 | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 19   | 27     | 13     | 0.771     | 0         | 3.809 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 31.4 | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 19   | 37     | 13     | 0.791     | -0.02     | 3.809 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 32.7 | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 19   | 47     | 13     | 0.755     | -0.013    | 3.812 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 42.6 | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 19   | 57     | 13     | 0.846     | -0.02     | 3.809 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 34.4 | 160        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 20   | 7      | 13     | 0.83      | 0.039     | 3.809 | 0.013     | 0.01      | 0         | 53.8 | 55   | 33.5 | 160        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 20   | 17     | 13     | 0.791     | -0.033    | 3.809 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 30.5 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 20   | 27     | 13     | 0.771     | -0.049    | 3.809 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 33.5 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 20   | 37     | 13     | 0.817     | -0.016    | 3.809 | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 31.8 | 158        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 20   | 47     | 13     | 0.814     | -0.033    | 3.812 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 32.7 | 157        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 20   | 57     | 13     | 0.748     | -0.049    | 3.812 | 0.016     | 0.016     | 0         | 52   | 53.8 | 33.5 | 156        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 21   | 7      | 13     | 0.82      | -0.023    | 3.812 | 0.016     | 0.013     | 0         | 52.5 | 53.8 | 33.1 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 21   | 17     | 13     | 0.833     | -0.01     | 3.812 | 0.016     | 0.013     | 0         | 52.9 | 53.3 | 30.5 | 157        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 21   | 27     | 13     | 0.801     | -0.059    | 3.812 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 31.8 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 21   | 37     | 13     | 0.814     | -0.046    | 3.812 | 0.01      | 0.007     | 0         | 52   | 53.3 | 31.8 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 21   | 47     | 13     | 0.801     | -0.052    | 3.812 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 32.3 | 157        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 21   | 57     | 13     | 0.807     | -0.016    | 3.809 | 0.01      | 0.007     | 0         | 52   | 53.3 | 33.1 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 22   | 7      | 13     | 0.876     | 0.01      | 3.812 | 0.016     | 0.013     | 0         | 52.5 | 53.8 | 32.3 | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 22   | 17     | 13     | 0.827     | -0.016    | 3.812 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 34.8 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 22   | 27     | 13     | 0.794     | -0.062    | 3.812 | 0.01      | 0.007     | 0         | 53.8 | 55   | 34.4 | 159        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 22   | 37     | 13     | 0.814     | -0.049    | 3.812 | 0.013     | 0.01      | 0         | 53.8 | 55   | 32.3 | 160        | 162        | 0          | 35     | 34     |
| 2009 | 6     | 25  | 22   | 47     | 13     | 0.804     | -0.046    | 3.812 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 36.1 | 160        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 22   | 57     | 13     | 0.784     | -0.052    | 3.812 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 34   | 159        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 23   | 7      | 13     | 0.837     | -0.056    | 3.812 | 0.013     | 0.01      | 0         | 54.2 | 55   | 33.5 | 160        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 23   | 17     | 13     | 0.794     | -0.033    | 3.812 | 0.016     | 0.013     | 0         | 53.8 | 55   | 34   | 159        | 163        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 23   | 27     | 13     | 0.833     | -0.036    | 3.812 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 38.3 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 23   | 37     | 13     | 0.869     | -0.046    | 3.812 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 31.4 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 25  | 23   | 47     | 13     | 0.741     | -0.072    | 3.812 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 31.4 | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 25  | 23   | 57     | 13     | 0.801     | -0.069    | 3.812 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 31.4 | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 0    | 7      | 13     | 0.778     | -0.003    | 3.812 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 31.8 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 0    | 17     | 13     | 0.791     | -0.013    | 3.812 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 31.4 | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 0    | 27     | 13     | 0.823     | -0.023    | 3.812 | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 31.4 | 157        | 161        | 0          | 34     | 35     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 26  | 0    | 37     | 13     | 0.784     | -0.075    | 3.812 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 31   | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 0    | 47     | 13     | 0.843     | -0.026    | 3.816 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 30.1 | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 0    | 57     | 13     | 0.801     | -0.059    | 3.816 | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 30.1 | 158        | 161        | 0          | 35     | 34     |
| 2009 | 6     | 26  | 1    | 7      | 13     | 0.784     | -0.033    | 3.816 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 31.4 | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 1    | 17     | 13     | 0.86      | -0.033    | 3.816 | 0.016     | 0.016     | 0         | 52.9 | 53.8 | 30.5 | 158        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 26  | 1    | 27     | 13     | 0.807     | -0.039    | 3.816 | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 30.1 | 158        | 161        | 0          | 35     | 34     |
| 2009 | 6     | 26  | 1    | 37     | 13     | 0.846     | -0.013    | 3.816 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 30.1 | 158        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 1    | 47     | 13     | 0.85      | 0.003     | 3.816 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 30.5 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 1    | 57     | 13     | 0.817     | -0.003    | 3.819 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 30.5 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 2    | 7      | 13     | 0.787     | -0.062    | 3.819 | 0.01      | 0.007     | 0         | 52   | 53.8 | 30.5 | 156        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 2    | 17     | 13     | 0.771     | -0.066    | 3.822 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 29.2 | 157        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 2    | 27     | 13     | 0.856     | -0.039    | 3.822 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 29.7 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 2    | 37     | 13     | 0.833     | -0.036    | 3.825 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 30.5 | 157        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 2    | 47     | 13     | 0.764     | -0.049    | 3.829 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 29.7 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 2    | 57     | 13     | 0.85      | -0.049    | 3.825 | 0.01      | 0.007     | 0         | 52   | 53.8 | 31.4 | 156        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 3    | 7      | 13     | 0.827     | -0.036    | 3.832 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 30.5 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 3    | 17     | 13     | 0.84      | 0         | 3.832 | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 31.4 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 3    | 27     | 13     | 0.833     | -0.02     | 3.832 | 0.016     | 0.013     | 0         | 52.5 | 53.8 | 30.5 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 3    | 37     | 13     | 0.817     | -0.036    | 3.832 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 30.5 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 3    | 47     | 13     | 0.801     | -0.013    | 3.835 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 31   | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 3    | 57     | 13     | 0.82      | -0.069    | 3.835 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 30.5 | 157        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 26  | 4    | 7      | 13     | 0.804     | -0.016    | 3.835 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 30.1 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 4    | 17     | 13     | 0.791     | -0.046    | 3.839 | 0.016     | 0.013     | 0         | 53.3 | 53.3 | 31   | 158        | 160        | 0          | 34     | 36     |
| 2009 | 6     | 26  | 4    | 27     | 13     | 0.807     | -0.049    | 3.839 | 0.016     | 0.013     | 0         | 52.9 | 53.8 | 31.8 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 4    | 37     | 13     | 0.827     | -0.026    | 3.839 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 32.3 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 4    | 47     | 13     | 0.82      | -0.052    | 3.839 | 0.016     | 0.013     | 0         | 52.5 | 54.2 | 30.1 | 157        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 4    | 57     | 13     | 0.81      | -0.043    | 3.839 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 30.5 | 158        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 5    | 7      | 13     | 0.843     | -0.01     | 3.839 | 0.016     | 0.016     | 0         | 52.5 | 53.8 | 31   | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 5    | 17     | 13     | 0.814     | -0.03     | 3.842 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 31   | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 5    | 27     | 13     | 0.758     | -0.023    | 3.842 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 31   | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 5    | 37     | 13     | 0.771     | -0.026    | 3.842 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 31.4 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 5    | 47     | 13     | 0.846     | -0.046    | 3.842 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 30.5 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 5    | 57     | 13     | 0.784     | -0.026    | 3.842 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 31   | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 6    | 7      | 13     | 0.787     | -0.03     | 3.842 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 30.5 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 6    | 17     | 13     | 0.837     | -0.026    | 3.845 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 30.1 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 6    | 27     | 13     | 0.817     | -0.016    | 3.842 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 30.1 | 158        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 6    | 37     | 13     | 0.827     | -0.016    | 3.845 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 29.7 | 159        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 6    | 47     | 13     | 0.804     | -0.046    | 3.845 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 29.7 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 6    | 57     | 13     | 0.869     | -0.052    | 3.845 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 29.7 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 7    | 7      | 13     | 0.781     | -0.046    | 3.848 | 0.016     | 0.013     | 0         | 52.9 | 53.8 | 30.5 | 158        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 7    | 17     | 13     | 0.764     | -0.023    | 3.848 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 30.5 | 158        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 7    | 27     | 13     | 0.764     | -0.016    | 3.848 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 29.7 | 158        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 7    | 37     | 13     | 0.797     | -0.03     | 3.848 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 31.4 | 158        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 7    | 47     | 13     | 0.791     | -0.062    | 3.852 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 30.1 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 7    | 57     | 13     | 0.827     | -0.03     | 3.852 | 0.016     | 0.013     | 0         | 52.5 | 54.2 | 30.1 | 157        | 160        | 0          | 35     | 34     |
| 2009 | 6     | 26  | 8    | 7      | 13     | 0.738     | -0.036    | 3.855 | 0.01      | 0.007     | 0         | 52   | 53.3 | 29.2 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 8    | 17     | 13     | 0.784     | -0.033    | 3.855 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 29.2 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 8    | 27     | 13     | 0.732     | -0.043    | 3.858 | 0.013     | 0.01      | 0         | 52   | 53.3 | 28.4 | 156        | 159        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 26  | 8    | 37     | 13     | 0.774     | -0.049    | 3.855 | 0.01      | 0.007     | 0         | 52   | 53.8 | 30.1 | 156        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 8    | 47     | 13     | 0.823     | -0.056    | 3.858 | 0.016     | 0.013     | 0         | 52   | 53.3 | 30.5 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 8    | 57     | 13     | 0.761     | -0.016    | 3.862 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 31   | 157        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 9    | 7      | 13     | 0.764     | -0.043    | 3.862 | 0.016     | 0.013     | 0         | 52   | 53.3 | 29.7 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 9    | 17     | 13     | 0.778     | -0.085    | 3.862 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 30.5 | 157        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 9    | 27     | 13     | 0.797     | -0.026    | 3.865 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 29.7 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 9    | 37     | 13     | 0.748     | -0.046    | 3.865 | 0.01      | 0.007     | 0         | 52   | 53.3 | 30.1 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 9    | 47     | 13     | 0.807     | -0.046    | 3.865 | 0.01      | 0.007     | 0         | 52   | 53.8 | 31   | 156        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 26  | 9    | 57     | 13     | 0.732     | -0.066    | 3.868 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 29.7 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 10   | 7      | 13     | 0.83      | -0.013    | 3.868 | 0.01      | 0.007     | 0         | 52   | 53.8 | 31.8 | 156        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 26  | 10   | 17     | 13     | 0.797     | -0.039    | 3.871 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 31.8 | 157        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 10   | 27     | 13     | 0.817     | -0.013    | 3.871 | 0.013     | 0.01      | 0         | 52   | 53.3 | 31   | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 10   | 37     | 13     | 0.778     | -0.043    | 3.871 | 0.013     | 0.01      | 0         | 52   | 53.3 | 31   | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 10   | 47     | 13     | 0.787     | -0.056    | 3.871 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 31   | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 10   | 57     | 13     | 0.791     | -0.046    | 3.875 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 31.4 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 11   | 7      | 13     | 0.778     | -0.079    | 3.871 | 0.01      | 0.007     | 0         | 52   | 52.9 | 31   | 156        | 159        | 0          | 35     | 36     |
| 2009 | 6     | 26  | 11   | 17     | 13     | 0.843     | -0.059    | 3.875 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 31   | 156        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 11   | 27     | 13     | 0.81      | -0.026    | 3.875 | 0.013     | 0.01      | 0         | 52   | 53.3 | 31.8 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 11   | 37     | 13     | 0.784     | -0.026    | 3.875 | 0.013     | 0.01      | 0         | 51.6 | 53.3 | 31.4 | 155        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 11   | 47     | 13     | 0.751     | -0.033    | 3.875 | 0.01      | 0.007     | 0         | 51.6 | 53.3 | 31   | 155        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 26  | 11   | 57     | 13     | 0.781     | -0.03     | 3.875 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 30.5 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 12   | 7      | 13     | 0.748     | -0.023    | 3.878 | 0.01      | 0.007     | 0         | 52   | 52.9 | 31.8 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 12   | 17     | 13     | 0.741     | -0.039    | 3.878 | 0.016     | 0.013     | 0         | 51.2 | 52.5 | 33.1 | 154        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 12   | 27     | 13     | 0.768     | -0.043    | 3.875 | 0.013     | 0.01      | 0         | 51.6 | 52.5 | 31.4 | 154        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 12   | 37     | 13     | 0.748     | -0.049    | 3.878 | 0.013     | 0.01      | 0         | 51.2 | 53.3 | 31.8 | 154        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 26  | 12   | 47     | 13     | 0.778     | -0.062    | 3.878 | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 32.3 | 154        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 12   | 57     | 13     | 0.745     | -0.023    | 3.878 | 0.013     | 0.01      | 0         | 51.6 | 52.5 | 33.1 | 154        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 13   | 7      | 13     | 0.787     | -0.03     | 3.878 | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 31.4 | 154        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 13   | 17     | 13     | 0.787     | -0.046    | 3.878 | 0.01      | 0.007     | 0         | 51.6 | 52.5 | 33.1 | 154        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 13   | 27     | 13     | 0.712     | -0.049    | 3.878 | 0.013     | 0.01      | 0         | 51.2 | 52.5 | 30.1 | 154        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 13   | 37     | 13     | 0.764     | -0.049    | 3.881 | 0.01      | 0.007     | 0         | 51.6 | 52.5 | 31.8 | 154        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 13   | 47     | 13     | 0.735     | -0.016    | 3.881 | 0.013     | 0.01      | 0         | 51.6 | 53.3 | 34   | 154        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 13   | 57     | 13     | 0.751     | -0.036    | 3.881 | 0.01      | 0.007     | 0         | 52   | 52.5 | 32.3 | 155        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 14   | 7      | 13     | 0.771     | -0.072    | 3.885 | 0.013     | 0.01      | 0         | 51.2 | 52.9 | 33.1 | 154        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 26  | 14   | 17     | 13     | 0.738     | -0.056    | 3.881 | 0.013     | 0.01      | 0         | 51.2 | 52   | 32.7 | 153        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 14   | 27     | 13     | 0.758     | -0.049    | 3.881 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 32.7 | 154        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 14   | 37     | 13     | 0.719     | -0.052    | 3.885 | 0.013     | 0.01      | 0         | 51.2 | 52.5 | 33.1 | 153        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 14   | 47     | 13     | 0.715     | -0.026    | 3.885 | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 31.8 | 153        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 14   | 57     | 13     | 0.709     | -0.082    | 3.885 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 33.1 | 154        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 15   | 7      | 13     | 0.715     | -0.075    | 3.885 | 0.01      | 0.007     | 0         | 51.2 | 52   | 31.8 | 153        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 15   | 17     | 13     | 0.791     | -0.052    | 3.888 | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 32.7 | 153        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 15   | 27     | 13     | 0.807     | -0.023    | 3.885 | 0.01      | 0.007     | 0         | 51.6 | 52   | 31.4 | 154        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 15   | 37     | 13     | 0.791     | -0.013    | 3.885 | 0.013     | 0.01      | 0         | 51.6 | 52.5 | 31.4 | 154        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 15   | 47     | 13     | 0.755     | -0.059    | 3.888 | 0.01      | 0.007     | 0         | 50.7 | 52   | 33.1 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 15   | 57     | 13     | 0.784     | -0.03     | 3.888 | 0.016     | 0.013     | 0         | 50.7 | 52   | 32.7 | 153        | 156        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 16   | 7      | 13     | 0.853     | -0.052    | 3.888 | 0.01      | 0.007     | 0         | 50.7 | 52   | 32.3 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 16   | 17     | 13     | 0.748     | -0.098    | 3.888 | 0.01      | 0.007     | 0         | 50.7 | 52.5 | 31   | 152        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 16   | 27     | 13     | 0.745     | -0.069    | 3.891 | 0.01      | 0.007     | 0         | 50.7 | 52.5 | 33.5 | 153        | 156        | 0          | 35     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 26  | 16   | 37     | 13     | 0.735     | -0.013    | 3.891 | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 31.8 | 153        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 16   | 47     | 13     | 0.758     | -0.079    | 3.888 | 0.013     | 0.01      | 0         | 51.2 | 52.5 | 33.1 | 153        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 16   | 57     | 13     | 0.797     | -0.003    | 3.891 | 0.016     | 0.013     | 0         | 50.7 | 52.5 | 31.8 | 152        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 17   | 7      | 13     | 0.794     | -0.013    | 3.891 | 0.013     | 0.01      | 0         | 50.7 | 52.5 | 33.1 | 153        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 26  | 17   | 17     | 13     | 0.778     | -0.007    | 3.891 | 0.016     | 0.016     | 0         | 50.7 | 51.6 | 32.3 | 152        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 17   | 27     | 13     | 0.807     | -0.023    | 3.891 | 0.016     | 0.013     | 0         | 51.2 | 52.5 | 30.5 | 153        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 17   | 37     | 13     | 0.794     | -0.01     | 3.894 | 0.01      | 0.007     | 0         | 50.3 | 52.5 | 33.1 | 152        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 26  | 17   | 47     | 13     | 0.843     | -0.043    | 3.891 | 0.01      | 0.007     | 0         | 50.7 | 52   | 31.8 | 152        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 17   | 57     | 13     | 0.778     | -0.02     | 3.891 | 0.01      | 0.007     | 0         | 50.7 | 52   | 33.5 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 18   | 7      | 13     | 0.814     | -0.016    | 3.891 | 0.01      | 0.007     | 0         | 50.7 | 52   | 31.4 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 18   | 17     | 13     | 0.791     | -0.056    | 3.894 | 0.01      | 0.007     | 0         | 50.3 | 52   | 32.3 | 152        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 26  | 18   | 27     | 13     | 0.801     | -0.03     | 3.894 | 0.013     | 0.01      | 0         | 50.7 | 52   | 33.1 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 18   | 37     | 13     | 0.778     | -0.026    | 3.894 | 0.013     | 0.01      | 0         | 51.2 | 52.5 | 32.3 | 153        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 18   | 47     | 13     | 0.81      | 0         | 3.894 | 0.013     | 0.01      | 0         | 51.2 | 52   | 32.7 | 153        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 18   | 57     | 13     | 0.768     | -0.046    | 3.894 | 0.016     | 0.013     | 0         | 51.2 | 52   | 33.1 | 153        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 19   | 7      | 13     | 0.781     | -0.049    | 3.894 | 0.01      | 0.007     | 0         | 50.7 | 52   | 31.8 | 152        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 19   | 17     | 13     | 0.827     | -0.016    | 3.894 | 0.01      | 0.007     | 0         | 50.7 | 51.6 | 33.1 | 152        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 19   | 27     | 13     | 0.735     | -0.023    | 3.898 | 0.01      | 0.007     | 0         | 50.7 | 52   | 32.7 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 19   | 37     | 13     | 0.807     | -0.062    | 3.898 | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 32.7 | 153        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 19   | 47     | 13     | 0.843     | -0.033    | 3.898 | 0.01      | 0.007     | 0         | 50.7 | 52   | 31.8 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 19   | 57     | 13     | 0.814     | -0.026    | 3.898 | 0.01      | 0.007     | 0         | 50.7 | 52   | 33.1 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 20   | 7      | 13     | 0.794     | 0         | 3.898 | 0.016     | 0.013     | 0         | 50.7 | 52   | 33.1 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 20   | 17     | 13     | 0.81      | -0.036    | 3.898 | 0.016     | 0.013     | 0         | 50.7 | 52   | 33.1 | 152        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 20   | 27     | 13     | 0.85      | -0.03     | 3.898 | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 34.4 | 153        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 20   | 37     | 13     | 0.833     | -0.056    | 3.901 | 0.013     | 0.01      | 0         | 50.3 | 52   | 33.5 | 152        | 156        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 20   | 47     | 13     | 0.807     | -0.056    | 3.901 | 0.013     | 0.01      | 0         | 50.7 | 52   | 32.7 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 20   | 57     | 13     | 0.863     | -0.062    | 3.901 | 0.01      | 0.007     | 0         | 50.7 | 51.6 | 34.8 | 152        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 21   | 7      | 13     | 0.814     | -0.036    | 3.901 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 33.5 | 151        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 21   | 17     | 13     | 0.899     | -0.046    | 3.901 | 0.01      | 0.007     | 0         | 49.9 | 51.6 | 32.7 | 151        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 21   | 27     | 13     | 0.853     | 0         | 3.901 | 0.013     | 0.01      | 0         | 50.3 | 51.6 | 33.1 | 152        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 21   | 37     | 13     | 0.853     | 0         | 3.901 | 0.01      | 0.007     | 0         | 50.7 | 51.6 | 32.7 | 152        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 21   | 47     | 13     | 0.856     | -0.013    | 3.901 | 0.01      | 0.007     | 0         | 50.7 | 51.6 | 32.7 | 152        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 21   | 57     | 13     | 0.883     | -0.013    | 3.901 | 0.013     | 0.01      | 0         | 50.3 | 51.2 | 32.7 | 151        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 22   | 7      | 13     | 0.853     | -0.026    | 3.901 | 0.013     | 0.01      | 0         | 50.7 | 52   | 33.1 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 22   | 17     | 13     | 0.82      | -0.036    | 3.901 | 0.01      | 0.007     | 0         | 50.3 | 52   | 33.5 | 151        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 22   | 27     | 13     | 0.84      | -0.052    | 3.901 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 32.7 | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 22   | 37     | 13     | 0.886     | -0.007    | 3.904 | 0.016     | 0.013     | 0         | 49.9 | 51.6 | 32.3 | 151        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 26  | 22   | 47     | 13     | 0.84      | -0.033    | 3.904 | 0.01      | 0.007     | 0         | 49.9 | 50.7 | 33.1 | 150        | 153        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 22   | 57     | 13     | 0.843     | -0.039    | 3.904 | 0.01      | 0.007     | 0         | 50.3 | 51.2 | 32.3 | 151        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 23   | 7      | 13     | 0.817     | -0.056    | 3.904 | 0.01      | 0.007     | 0         | 49.5 | 51.6 | 32.3 | 150        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 26  | 23   | 17     | 13     | 0.86      | -0.056    | 3.904 | 0.01      | 0.007     | 0         | 50.3 | 51.2 | 31.4 | 151        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 23   | 27     | 13     | 0.85      | -0.036    | 3.904 | 0.013     | 0.01      | 0         | 49.9 | 51.6 | 33.5 | 150        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 23   | 37     | 13     | 0.833     | -0.03     | 3.904 | 0.013     | 0.01      | 0         | 49.9 | 51.2 | 31.8 | 150        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 26  | 23   | 47     | 13     | 0.801     | -0.062    | 3.907 | 0.01      | 0.007     | 0         | 49.9 | 51.2 | 31.4 | 151        | 154        | 0          | 35     | 35     |
| 2009 | 6     | 26  | 23   | 57     | 13     | 0.827     | -0.033    | 3.907 | 0.01      | 0.007     | 0         | 49.9 | 51.6 | 31.4 | 151        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 27  | 0    | 7      | 13     | 0.801     | -0.072    | 3.907 | 0.016     | 0.013     | 0         | 49.9 | 51.6 | 30.5 | 151        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 27  | 0    | 17     | 13     | 0.827     | -0.072    | 3.907 | 0.01      | 0.007     | 0         | 50.3 | 51.2 | 31   | 151        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 0    | 27     | 13     | 0.807     | -0.052    | 3.911 | 0.016     | 0.013     | 0         | 50.3 | 51.2 | 30.5 | 151        | 154        | 0          | 34     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 27  | 0    | 37     | 13     | 0.801     | -0.043    | 3.914 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 31.8 | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 0    | 47     | 13     | 0.768     | -0.033    | 3.917 | 0.01      | 0.007     | 0         | 49.9 | 51.6 | 31   | 151        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 0    | 57     | 13     | 0.84      | -0.043    | 3.917 | 0.01      | 0.007     | 0         | 50.7 | 52   | 31   | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 1    | 7      | 13     | 0.846     | -0.013    | 3.917 | 0.013     | 0.01      | 0         | 49.9 | 51.6 | 31.4 | 151        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 27  | 1    | 17     | 13     | 0.86      | -0.023    | 3.921 | 0.01      | 0.007     | 0         | 50.3 | 51.2 | 31.4 | 151        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 1    | 27     | 13     | 0.837     | -0.033    | 3.921 | 0.01      | 0.007     | 0         | 50.3 | 51.2 | 31.4 | 151        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 1    | 37     | 13     | 0.892     | -0.046    | 3.924 | 0.016     | 0.013     | 0         | 50.3 | 51.6 | 33.1 | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 1    | 47     | 13     | 0.846     | -0.039    | 3.924 | 0.013     | 0.01      | 0         | 49.9 | 51.2 | 31.8 | 151        | 154        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 1    | 57     | 13     | 0.837     | -0.033    | 3.924 | 0.01      | 0.007     | 0         | 50.3 | 51.2 | 31.8 | 151        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 2    | 7      | 13     | 0.883     | -0.026    | 3.924 | 0.013     | 0.01      | 0         | 50.3 | 51.2 | 31.8 | 151        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 2    | 17     | 13     | 0.853     | -0.016    | 3.924 | 0.013     | 0.01      | 0         | 50.3 | 51.2 | 33.1 | 151        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 2    | 27     | 13     | 0.85      | -0.01     | 3.924 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 32.3 | 151        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 2    | 37     | 13     | 0.827     | -0.072    | 3.924 | 0.01      | 0.007     | 0         | 49.5 | 51.2 | 31.8 | 150        | 154        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 2    | 47     | 13     | 0.83      | -0.079    | 3.924 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 33.1 | 151        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 2    | 57     | 13     | 0.827     | -0.023    | 3.924 | 0.013     | 0.01      | 0         | 50.3 | 51.2 | 32.3 | 151        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 3    | 7      | 13     | 0.837     | -0.062    | 3.924 | 0.013     | 0.01      | 0         | 49.9 | 51.6 | 32.7 | 151        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 3    | 17     | 13     | 0.814     | -0.033    | 3.927 | 0.01      | 0.007     | 0         | 49.9 | 52   | 31.8 | 151        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 27  | 3    | 27     | 13     | 0.807     | -0.052    | 3.927 | 0.01      | 0.007     | 0         | 49.9 | 51.6 | 34.4 | 151        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 3    | 37     | 13     | 0.863     | -0.016    | 3.927 | 0.01      | 0.007     | 0         | 50.7 | 52.5 | 33.1 | 152        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 3    | 47     | 13     | 0.892     | 0         | 3.927 | 0.01      | 0.007     | 0         | 50.7 | 52   | 32.3 | 152        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 3    | 57     | 13     | 0.873     | -0.033    | 3.927 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 33.5 | 152        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 4    | 7      | 13     | 0.846     | -0.072    | 3.924 | 0.01      | 0.007     | 0         | 50.3 | 51.2 | 32.3 | 151        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 4    | 17     | 13     | 0.853     | -0.066    | 3.927 | 0.01      | 0.007     | 0         | 50.7 | 51.6 | 31.4 | 152        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 4    | 27     | 13     | 0.804     | -0.016    | 3.927 | 0.01      | 0.007     | 0         | 50.7 | 51.6 | 31.4 | 152        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 4    | 37     | 13     | 0.886     | -0.046    | 3.927 | 0.016     | 0.013     | 0         | 50.7 | 51.6 | 33.1 | 152        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 4    | 47     | 13     | 0.892     | -0.046    | 3.927 | 0.013     | 0.01      | 0         | 50.3 | 51.6 | 31   | 152        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 4    | 57     | 13     | 0.879     | -0.046    | 3.927 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 32.3 | 152        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 5    | 7      | 13     | 0.899     | -0.016    | 3.927 | 0.013     | 0.01      | 0         | 50.7 | 52   | 33.5 | 152        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 5    | 17     | 13     | 0.801     | -0.036    | 3.927 | 0.01      | 0.007     | 0         | 50.7 | 52   | 31.4 | 152        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 5    | 27     | 13     | 0.869     | -0.033    | 3.927 | 0.013     | 0.01      | 0         | 50.7 | 52.5 | 31.4 | 153        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 27  | 5    | 37     | 13     | 0.863     | -0.016    | 3.927 | 0.01      | 0.007     | 0         | 50.7 | 52   | 31   | 152        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 5    | 47     | 13     | 0.81      | -0.046    | 3.927 | 0.01      | 0.007     | 0         | 51.2 | 52   | 31   | 153        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 5    | 57     | 13     | 0.827     | -0.062    | 3.927 | 0.013     | 0.01      | 0         | 50.7 | 52   | 31.4 | 153        | 156        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 6    | 7      | 13     | 0.866     | -0.066    | 3.927 | 0.01      | 0.007     | 0         | 50.7 | 52.5 | 31   | 153        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 27  | 6    | 17     | 13     | 0.866     | -0.043    | 3.927 | 0.016     | 0.013     | 0         | 51.2 | 52.5 | 31.4 | 153        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 6    | 27     | 13     | 0.787     | -0.026    | 3.927 | 0.01      | 0.007     | 0         | 50.7 | 51.6 | 31   | 153        | 156        | 0          | 35     | 36     |
| 2009 | 6     | 27  | 6    | 37     | 13     | 0.728     | -0.118    | 3.927 | 0.013     | 0.01      | 0         | 50.3 | 52   | 30.5 | 152        | 156        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 6    | 47     | 13     | 0.817     | -0.003    | 3.927 | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 31   | 153        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 6    | 57     | 13     | 0.83      | -0.016    | 3.927 | 0.01      | 0.007     | 0         | 51.2 | 52   | 32.3 | 153        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 7    | 7      | 13     | 0.804     | -0.016    | 3.927 | 0.013     | 0.01      | 0         | 50.3 | 51.6 | 30.1 | 152        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 7    | 17     | 13     | 0.751     | -0.069    | 3.93  | 0.013     | 0.01      | 0         | 50.7 | 52   | 31   | 153        | 156        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 7    | 27     | 13     | 0.837     | -0.043    | 3.93  | 0.013     | 0.01      | 0         | 51.2 | 52   | 30.5 | 153        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 7    | 37     | 13     | 0.846     | -0.046    | 3.93  | 0.01      | 0.007     | 0         | 50.7 | 52   | 30.1 | 152        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 7    | 47     | 13     | 0.827     | -0.052    | 3.93  | 0.01      | 0.007     | 0         | 50.3 | 52   | 31   | 152        | 156        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 7    | 57     | 13     | 0.843     | -0.043    | 3.93  | 0.013     | 0.01      | 0         | 50.3 | 51.6 | 31.4 | 152        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 8    | 7      | 13     | 0.81      | -0.036    | 3.93  | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 30.5 | 152        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 8    | 17     | 13     | 0.837     | -0.046    | 3.934 | 0.01      | 0.007     | 0         | 50.3 | 52   | 30.5 | 152        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 27  | 8    | 27     | 13     | 0.791     | -0.082    | 3.934 | 0.01      | 0.007     | 0         | 50.7 | 51.6 | 31.4 | 152        | 155        | 0          | 34     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 27  | 8    | 37     | 13     | 0.837     | -0.026    | 3.93  | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 31.8 | 152        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 8    | 47     | 13     | 0.794     | -0.036    | 3.934 | 0.01      | 0.007     | 0         | 50.3 | 52   | 31.8 | 152        | 156        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 8    | 57     | 13     | 0.768     | -0.033    | 3.93  | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 31.4 | 152        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 9    | 7      | 13     | 0.827     | -0.052    | 3.934 | 0.013     | 0.01      | 0         | 50.3 | 52   | 31.8 | 152        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 27  | 9    | 17     | 13     | 0.85      | -0.023    | 3.934 | 0.013     | 0.01      | 0         | 50.3 | 51.6 | 30.5 | 152        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 9    | 27     | 13     | 0.791     | -0.033    | 3.93  | 0.016     | 0.013     | 0         | 50.3 | 51.6 | 30.5 | 152        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 9    | 37     | 13     | 0.735     | -0.082    | 3.934 | 0.013     | 0.01      | 0         | 50.7 | 52   | 31.8 | 153        | 156        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 9    | 47     | 13     | 0.755     | -0.085    | 3.934 | 0.016     | 0.013     | 0         | 51.2 | 52.5 | 32.7 | 154        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 9    | 57     | 13     | 0.827     | -0.075    | 3.934 | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 31.8 | 154        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 10   | 7      | 13     | 0.843     | -0.036    | 3.934 | 0.013     | 0.01      | 0         | 52   | 52.9 | 31.8 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 10   | 17     | 13     | 0.787     | -0.023    | 3.934 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 32.7 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 10   | 27     | 13     | 0.709     | -0.052    | 3.93  | 0.013     | 0.01      | 0         | 51.2 | 53.3 | 32.7 | 154        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 27  | 10   | 37     | 13     | 0.85      | -0.052    | 3.934 | 0.02      | 0.016     | 0         | 51.2 | 52.9 | 32.3 | 154        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 10   | 47     | 13     | 0.83      | -0.056    | 3.93  | 0.01      | 0.007     | 0         | 52   | 53.3 | 32.7 | 155        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 10   | 57     | 13     | 0.778     | -0.075    | 3.93  | 0.013     | 0.01      | 0         | 50.7 | 52.5 | 32.3 | 153        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 11   | 7      | 13     | 0.81      | -0.046    | 3.934 | 0.01      | 0.007     | 0         | 50.7 | 52   | 32.7 | 153        | 156        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 11   | 17     | 13     | 0.755     | -0.049    | 3.934 | 0.013     | 0.01      | 0         | 51.2 | 52.5 | 33.5 | 153        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 11   | 27     | 13     | 0.768     | -0.085    | 3.93  | 0.01      | 0.007     | 0         | 50.7 | 52   | 32.7 | 153        | 156        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 11   | 37     | 13     | 0.794     | -0.007    | 3.934 | 0.013     | 0.01      | 0         | 51.2 | 52   | 32.7 | 153        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 11   | 47     | 13     | 0.807     | -0.062    | 3.93  | 0.013     | 0.01      | 0         | 50.7 | 52   | 32.7 | 152        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 11   | 57     | 13     | 0.801     | -0.059    | 3.934 | 0.01      | 0.007     | 0         | 51.2 | 52   | 34   | 153        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 12   | 7      | 13     | 0.778     | -0.049    | 3.93  | 0.013     | 0.01      | 0         | 50.7 | 52   | 32.7 | 153        | 156        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 12   | 17     | 13     | 0.804     | -0.056    | 3.934 | 0.01      | 0.007     | 0         | 50.3 | 52   | 32.7 | 152        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 27  | 12   | 27     | 13     | 0.797     | -0.049    | 3.934 | 0.01      | 0.007     | 0         | 50.7 | 52   | 34.4 | 153        | 156        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 12   | 37     | 13     | 0.791     | -0.026    | 3.934 | 0.01      | 0.007     | 0         | 50.7 | 52   | 32.7 | 153        | 156        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 12   | 47     | 13     | 0.732     | -0.062    | 3.934 | 0.01      | 0.007     | 0         | 51.2 | 52   | 33.5 | 153        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 12   | 57     | 13     | 0.748     | -0.02     | 3.934 | 0.013     | 0.01      | 0         | 50.7 | 52   | 33.5 | 153        | 156        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 13   | 7      | 13     | 0.745     | -0.056    | 3.934 | 0.013     | 0.01      | 0         | 50.3 | 51.6 | 34   | 152        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 13   | 17     | 13     | 0.781     | -0.003    | 3.934 | 0.01      | 0.007     | 0         | 51.2 | 52   | 33.5 | 153        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 13   | 27     | 13     | 0.774     | -0.049    | 3.934 | 0.013     | 0.01      | 0         | 50.7 | 52   | 33.5 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 13   | 37     | 13     | 0.741     | -0.016    | 3.934 | 0.013     | 0.01      | 0         | 51.2 | 52   | 33.5 | 153        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 13   | 47     | 13     | 0.768     | -0.066    | 3.934 | 0.013     | 0.01      | 0         | 50.7 | 52   | 33.5 | 152        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 13   | 57     | 13     | 0.81      | -0.033    | 3.934 | 0.013     | 0.01      | 0         | 50.3 | 52.5 | 33.5 | 152        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 27  | 14   | 7      | 13     | 0.768     | 0         | 3.934 | 0.01      | 0.007     | 0         | 50.7 | 52   | 34.8 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 14   | 17     | 13     | 0.725     | -0.059    | 3.934 | 0.013     | 0.01      | 0         | 50.7 | 52.5 | 37   | 152        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 14   | 27     | 13     | 0.755     | -0.033    | 3.934 | 0.01      | 0.007     | 0         | 50.7 | 52   | 34.8 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 14   | 37     | 13     | 0.722     | -0.075    | 3.937 | 0.013     | 0.01      | 0         | 50.3 | 51.6 | 33.5 | 152        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 27  | 14   | 47     | 13     | 0.741     | -0.069    | 3.934 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 34   | 154        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 14   | 57     | 13     | 0.735     | -0.039    | 3.934 | 0.01      | 0.007     | 0         | 51.2 | 52   | 33.5 | 153        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 15   | 7      | 13     | 0.784     | -0.066    | 3.937 | 0.013     | 0.01      | 0         | 51.2 | 52.5 | 36.1 | 153        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 15   | 17     | 13     | 0.761     | -0.033    | 3.934 | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 33.5 | 153        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 15   | 27     | 13     | 0.801     | -0.033    | 3.934 | 0.013     | 0.01      | 0         | 51.2 | 52   | 34   | 153        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 15   | 37     | 13     | 0.755     | -0.043    | 3.934 | 0.01      | 0.007     | 0         | 50.7 | 52.5 | 32.7 | 152        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 15   | 47     | 13     | 0.774     | -0.049    | 3.934 | 0.013     | 0.01      | 0         | 50.7 | 52   | 32.7 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 15   | 57     | 13     | 0.768     | -0.039    | 3.934 | 0.013     | 0.01      | 0         | 50.3 | 52   | 33.1 | 151        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 16   | 7      | 13     | 0.82      | -0.036    | 3.93  | 0.013     | 0.01      | 0         | 50.7 | 52   | 33.1 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 16   | 17     | 13     | 0.758     | -0.056    | 3.934 | 0.01      | 0.007     | 0         | 50.3 | 52   | 32.3 | 151        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 16   | 27     | 13     | 0.801     | -0.046    | 3.934 | 0.013     | 0.01      | 0         | 50.3 | 51.6 | 32.7 | 152        | 155        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 27  | 16   | 37     | 13     | 0.797     | -0.033    | 3.934 | 0.01      | 0.007     | 0         | 50.7 | 51.6 | 32.7 | 152        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 16   | 47     | 13     | 0.823     | -0.046    | 3.93  | 0.013     | 0.01      | 0         | 50.7 | 52   | 32.7 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 16   | 57     | 13     | 0.784     | -0.072    | 3.934 | 0.016     | 0.013     | 0         | 50.7 | 52   | 32.3 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 17   | 7      | 13     | 0.761     | -0.049    | 3.934 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 33.5 | 151        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 17   | 17     | 13     | 0.81      | -0.026    | 3.93  | 0.013     | 0.01      | 0         | 50.3 | 51.6 | 31.8 | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 17   | 27     | 13     | 0.833     | 0         | 3.93  | 0.013     | 0.01      | 0         | 50.3 | 51.2 | 32.7 | 151        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 17   | 37     | 13     | 0.837     | -0.059    | 3.93  | 0.013     | 0.01      | 0         | 49.9 | 51.6 | 32.3 | 150        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 17   | 47     | 13     | 0.771     | -0.052    | 3.927 | 0.01      | 0.007     | 0         | 50.3 | 51.2 | 31.8 | 151        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 17   | 57     | 13     | 0.807     | 0         | 3.93  | 0.013     | 0.01      | 0         | 50.3 | 51.6 | 31.8 | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 18   | 7      | 13     | 0.784     | -0.072    | 3.93  | 0.01      | 0.007     | 0         | 50.3 | 51.2 | 31.4 | 151        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 18   | 17     | 13     | 0.846     | -0.01     | 3.93  | 0.01      | 0.007     | 0         | 50.3 | 52   | 33.1 | 151        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 18   | 27     | 13     | 0.846     | 0         | 3.927 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 32.7 | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 18   | 37     | 13     | 0.787     | -0.036    | 3.927 | 0.01      | 0.007     | 0         | 49.9 | 51.6 | 32.7 | 151        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 27  | 18   | 47     | 13     | 0.791     | -0.039    | 3.927 | 0.01      | 0.007     | 0         | 50.7 | 51.6 | 31.4 | 152        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 18   | 57     | 13     | 0.781     | -0.036    | 3.93  | 0.016     | 0.013     | 0         | 50.7 | 52   | 31.8 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 19   | 7      | 13     | 0.84      | -0.039    | 3.93  | 0.013     | 0.01      | 0         | 50.3 | 51.6 | 33.1 | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 19   | 17     | 13     | 0.866     | 0         | 3.927 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 33.1 | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 19   | 27     | 13     | 0.869     | -0.033    | 3.927 | 0.013     | 0.01      | 0         | 50.3 | 52   | 31   | 151        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 19   | 37     | 13     | 0.83      | -0.023    | 3.93  | 0.01      | 0.007     | 0         | 50.7 | 52   | 31.4 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 19   | 47     | 13     | 0.83      | -0.036    | 3.93  | 0.013     | 0.01      | 0         | 50.3 | 51.6 | 32.3 | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 19   | 57     | 13     | 0.837     | -0.052    | 3.93  | 0.013     | 0.01      | 0         | 50.3 | 51.6 | 32.3 | 151        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 20   | 7      | 13     | 0.863     | -0.023    | 3.93  | 0.016     | 0.013     | 0         | 50.7 | 52   | 31.8 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 20   | 17     | 13     | 0.84      | -0.03     | 3.93  | 0.01      | 0.007     | 0         | 50.7 | 52   | 32.3 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 20   | 27     | 13     | 0.823     | -0.023    | 3.93  | 0.013     | 0.01      | 0         | 49.9 | 52   | 31.8 | 151        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 27  | 20   | 37     | 13     | 0.843     | -0.043    | 3.93  | 0.01      | 0.007     | 0         | 49.9 | 51.6 | 31.8 | 151        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 27  | 20   | 47     | 13     | 0.827     | -0.056    | 3.93  | 0.01      | 0.007     | 0         | 50.3 | 51.2 | 31.8 | 151        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 20   | 57     | 13     | 0.833     | -0.105    | 3.934 | 0.013     | 0.01      | 0         | 49.9 | 51.2 | 33.1 | 150        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 21   | 7      | 13     | 0.833     | 0         | 3.93  | 0.01      | 0.007     | 0         | 49.9 | 51.2 | 32.7 | 150        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 21   | 17     | 13     | 0.892     | -0.052    | 3.934 | 0.013     | 0.01      | 0         | 49.9 | 51.2 | 34   | 150        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 21   | 27     | 13     | 0.801     | -0.03     | 3.934 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 31.8 | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 21   | 37     | 13     | 0.866     | -0.039    | 3.93  | 0.01      | 0.007     | 0         | 50.3 | 51.2 | 34   | 151        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 21   | 47     | 13     | 0.843     | -0.043    | 3.934 | 0.013     | 0.01      | 0         | 49.9 | 51.2 | 32.3 | 150        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 21   | 57     | 13     | 0.876     | -0.039    | 3.93  | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 34   | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 22   | 7      | 13     | 0.902     | -0.043    | 3.934 | 0.01      | 0.007     | 0         | 50.3 | 51.2 | 33.5 | 151        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 22   | 17     | 13     | 0.823     | -0.02     | 3.934 | 0.013     | 0.01      | 0         | 50.3 | 51.6 | 34   | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 22   | 27     | 13     | 0.85      | -0.062    | 3.93  | 0.01      | 0.007     | 0         | 50.7 | 51.6 | 33.5 | 151        | 155        | 0          | 33     | 35     |
| 2009 | 6     | 27  | 22   | 37     | 13     | 0.791     | -0.023    | 3.934 | 0.01      | 0.007     | 0         | 49.9 | 52   | 32.3 | 151        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 27  | 22   | 47     | 13     | 0.82      | -0.026    | 3.934 | 0.016     | 0.013     | 0         | 50.3 | 51.6 | 32.3 | 151        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 22   | 57     | 13     | 0.837     | -0.059    | 3.934 | 0.013     | 0.01      | 0         | 50.3 | 51.2 | 32.7 | 151        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 23   | 7      | 13     | 0.761     | -0.007    | 3.934 | 0.013     | 0.01      | 0         | 49.9 | 51.6 | 33.5 | 151        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 27  | 23   | 17     | 13     | 0.886     | -0.02     | 3.934 | 0.01      | 0.007     | 0         | 50.3 | 52   | 32.3 | 151        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 23   | 27     | 13     | 0.82      | -0.023    | 3.934 | 0.013     | 0.01      | 0         | 50.3 | 51.6 | 32.3 | 151        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 23   | 37     | 13     | 0.856     | -0.062    | 3.934 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 33.1 | 151        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 23   | 47     | 13     | 0.853     | -0.039    | 3.934 | 0.01      | 0.007     | 0         | 50.7 | 52   | 32.3 | 152        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 27  | 23   | 57     | 13     | 0.82      | -0.033    | 3.93  | 0.013     | 0.01      | 0         | 49.9 | 51.6 | 31.8 | 151        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 0    | 7      | 13     | 0.837     | -0.026    | 3.934 | 0.01      | 0.007     | 0         | 50.7 | 51.6 | 32.3 | 152        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 0    | 17     | 13     | 0.863     | -0.062    | 3.934 | 0.01      | 0.007     | 0         | 50.3 | 52   | 32.3 | 151        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 0    | 27     | 13     | 0.843     | -0.056    | 3.934 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 32.3 | 152        | 155        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 28  | 0    | 37     | 13     | 0.771     | -0.049    | 3.934 | 0.01      | 0.007     | 0         | 50.7 | 51.6 | 34   | 152        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 0    | 47     | 13     | 0.866     | -0.036    | 3.934 | 0.013     | 0.01      | 0         | 50.7 | 52   | 33.1 | 152        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 0    | 57     | 13     | 0.85      | -0.016    | 3.934 | 0.01      | 0.007     | 0         | 50.7 | 51.6 | 31.4 | 152        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 1    | 7      | 13     | 0.801     | -0.062    | 3.93  | 0.01      | 0.007     | 0         | 50.7 | 52   | 31.4 | 152        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 1    | 17     | 13     | 0.896     | -0.036    | 3.934 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 32.7 | 151        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 1    | 27     | 13     | 0.879     | -0.023    | 3.934 | 0.01      | 0.007     | 0         | 49.9 | 51.6 | 33.5 | 151        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 1    | 37     | 13     | 0.873     | -0.003    | 3.934 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 33.5 | 151        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 1    | 47     | 13     | 0.879     | -0.02     | 3.934 | 0.01      | 0.007     | 0         | 50.7 | 52   | 33.1 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 1    | 57     | 13     | 0.866     | -0.043    | 3.93  | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 33.5 | 152        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 2    | 7      | 13     | 0.778     | -0.066    | 3.93  | 0.01      | 0.007     | 0         | 50.7 | 52   | 32.3 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 2    | 17     | 13     | 0.83      | -0.046    | 3.93  | 0.01      | 0.007     | 0         | 49.9 | 51.6 | 32.3 | 151        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 2    | 27     | 13     | 0.797     | -0.056    | 3.93  | 0.013     | 0.01      | 0         | 50.3 | 51.6 | 31.8 | 152        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 2    | 37     | 13     | 0.863     | -0.013    | 3.93  | 0.01      | 0.007     | 0         | 50.7 | 52.5 | 31   | 152        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 2    | 47     | 13     | 0.866     | -0.075    | 3.93  | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 32.3 | 153        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 2    | 57     | 13     | 0.846     | -0.033    | 3.93  | 0.01      | 0.007     | 0         | 51.2 | 52   | 32.7 | 153        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 3    | 7      | 13     | 0.83      | -0.033    | 3.93  | 0.01      | 0.007     | 0         | 50.7 | 52   | 30.5 | 153        | 156        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 3    | 17     | 13     | 0.807     | -0.062    | 3.93  | 0.013     | 0.01      | 0         | 51.6 | 52.5 | 31.8 | 154        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 3    | 27     | 13     | 0.82      | -0.062    | 3.93  | 0.013     | 0.01      | 0         | 51.6 | 52.5 | 31.8 | 154        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 3    | 37     | 13     | 0.843     | -0.062    | 3.93  | 0.013     | 0.01      | 0         | 51.2 | 52   | 31.8 | 153        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 3    | 47     | 13     | 0.814     | -0.049    | 3.934 | 0.016     | 0.013     | 0         | 50.7 | 52   | 32.7 | 152        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 3    | 57     | 13     | 0.787     | -0.056    | 3.93  | 0.01      | 0.007     | 0         | 50.3 | 52   | 31   | 152        | 156        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 4    | 7      | 13     | 0.86      | -0.072    | 3.93  | 0.013     | 0.01      | 0         | 50.3 | 52   | 32.3 | 152        | 156        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 4    | 17     | 13     | 0.807     | -0.095    | 3.934 | 0.013     | 0.01      | 0         | 50.7 | 51.6 | 31   | 152        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 4    | 27     | 13     | 0.84      | -0.046    | 3.934 | 0.01      | 0.007     | 0         | 50.7 | 51.6 | 30.1 | 152        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 4    | 37     | 13     | 0.853     | -0.013    | 3.934 | 0.013     | 0.01      | 0         | 50.3 | 52.5 | 31.8 | 152        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 28  | 4    | 47     | 13     | 0.84      | -0.023    | 3.934 | 0.01      | 0.007     | 0         | 51.2 | 52   | 31   | 153        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 4    | 57     | 13     | 0.791     | -0.062    | 3.93  | 0.01      | 0.007     | 0         | 51.2 | 52   | 30.5 | 153        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 5    | 7      | 13     | 0.823     | -0.052    | 3.934 | 0.013     | 0.01      | 0         | 51.2 | 52.5 | 30.1 | 153        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 5    | 17     | 13     | 0.823     | -0.056    | 3.934 | 0.013     | 0.01      | 0         | 50.7 | 52.5 | 30.5 | 153        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 5    | 27     | 13     | 0.758     | -0.079    | 3.934 | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 30.1 | 153        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 5    | 37     | 13     | 0.84      | 0         | 3.934 | 0.01      | 0.007     | 0         | 50.7 | 52.5 | 31.4 | 153        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 5    | 47     | 13     | 0.85      | -0.043    | 3.934 | 0.013     | 0.01      | 0         | 51.2 | 52   | 30.1 | 153        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 5    | 57     | 13     | 0.837     | -0.007    | 3.934 | 0.01      | 0.007     | 0         | 51.2 | 52.9 | 29.2 | 154        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 28  | 6    | 7      | 13     | 0.817     | -0.052    | 3.934 | 0.013     | 0.01      | 0         | 51.2 | 52.9 | 28.8 | 154        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 28  | 6    | 17     | 13     | 0.823     | -0.013    | 3.934 | 0.01      | 0.007     | 0         | 51.2 | 52.9 | 28.8 | 154        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 28  | 6    | 27     | 13     | 0.863     | -0.066    | 3.934 | 0.01      | 0.007     | 0         | 51.6 | 52.5 | 31   | 154        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 6    | 37     | 13     | 0.86      | -0.043    | 3.937 | 0.01      | 0.007     | 0         | 50.7 | 52.5 | 28.8 | 153        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 6    | 47     | 13     | 0.899     | -0.026    | 3.937 | 0.01      | 0.007     | 0         | 50.7 | 52   | 30.5 | 153        | 156        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 6    | 57     | 13     | 0.814     | -0.056    | 3.937 | 0.013     | 0.01      | 0         | 51.6 | 52.5 | 30.5 | 154        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 7    | 7      | 13     | 0.781     | -0.033    | 3.937 | 0.01      | 0.007     | 0         | 51.6 | 52.5 | 30.5 | 154        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 7    | 17     | 13     | 0.843     | -0.02     | 3.937 | 0.013     | 0.01      | 0         | 51.2 | 52   | 30.1 | 154        | 156        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 7    | 27     | 13     | 0.915     | -0.075    | 3.94  | 0.013     | 0.01      | 0         | 50.7 | 52   | 31.8 | 153        | 156        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 7    | 37     | 13     | 0.837     | -0.023    | 3.94  | 0.013     | 0.01      | 0         | 51.2 | 52   | 30.5 | 153        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 7    | 47     | 13     | 0.827     | -0.046    | 3.94  | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 30.5 | 153        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 7    | 57     | 13     | 0.866     | -0.003    | 3.94  | 0.01      | 0.007     | 0         | 51.6 | 52.5 | 30.5 | 154        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 8    | 7      | 13     | 0.833     | -0.026    | 3.94  | 0.01      | 0.007     | 0         | 50.7 | 52   | 30.5 | 153        | 156        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 8    | 17     | 13     | 0.768     | -0.036    | 3.94  | 0.01      | 0.007     | 0         | 50.7 | 52   | 30.5 | 153        | 156        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 8    | 27     | 13     | 0.81      | -0.046    | 3.94  | 0.013     | 0.01      | 0         | 51.2 | 52.5 | 29.2 | 153        | 157        | 0          | 34     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 28  | 8    | 37     | 13     | 0.787     | -0.069    | 3.94  | 0.013     | 0.01      | 0         | 50.7 | 52.5 | 29.7 | 153        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 8    | 47     | 13     | 0.866     | -0.007    | 3.94  | 0.01      | 0.007     | 0         | 51.2 | 52   | 30.1 | 153        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 8    | 57     | 13     | 0.764     | -0.023    | 3.94  | 0.01      | 0.007     | 0         | 50.7 | 52.5 | 31.4 | 153        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 9    | 7      | 13     | 0.827     | -0.079    | 3.94  | 0.016     | 0.013     | 0         | 51.2 | 52   | 30.1 | 153        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 9    | 17     | 13     | 0.784     | -0.069    | 3.944 | 0.01      | 0.007     | 0         | 51.2 | 52.9 | 29.7 | 153        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 9    | 27     | 13     | 0.843     | -0.046    | 3.944 | 0.01      | 0.007     | 0         | 50.7 | 52.5 | 31.8 | 153        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 9    | 37     | 13     | 0.837     | -0.03     | 3.94  | 0.01      | 0.007     | 0         | 50.7 | 52.5 | 31   | 153        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 9    | 47     | 13     | 0.738     | -0.089    | 3.94  | 0.013     | 0.01      | 0         | 51.2 | 52.5 | 30.5 | 154        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 9    | 57     | 13     | 0.784     | -0.079    | 3.94  | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 31.8 | 154        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 10   | 7      | 13     | 0.843     | -0.059    | 3.94  | 0.013     | 0.01      | 0         | 51.2 | 52.5 | 31.4 | 154        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 10   | 17     | 13     | 0.902     | -0.043    | 3.94  | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 31   | 154        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 10   | 27     | 13     | 0.81      | -0.036    | 3.94  | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 31.4 | 154        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 10   | 37     | 13     | 0.801     | -0.062    | 3.94  | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 31   | 154        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 10   | 47     | 13     | 0.797     | -0.066    | 3.94  | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 31   | 154        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 10   | 57     | 13     | 0.82      | -0.03     | 3.937 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 30.5 | 154        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 11   | 7      | 13     | 0.738     | -0.072    | 3.94  | 0.013     | 0.01      | 0         | 51.2 | 52.5 | 30.5 | 154        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 11   | 17     | 13     | 0.794     | -0.013    | 3.94  | 0.01      | 0.007     | 0         | 51.2 | 52.9 | 31.8 | 154        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 28  | 11   | 27     | 13     | 0.761     | -0.023    | 3.937 | 0.01      | 0.007     | 0         | 51.6 | 52.5 | 31   | 154        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 11   | 37     | 13     | 0.85      | -0.003    | 3.937 | 0.016     | 0.013     | 0         | 51.6 | 52.9 | 32.7 | 154        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 11   | 47     | 13     | 0.784     | -0.075    | 3.937 | 0.01      | 0.007     | 0         | 51.2 | 52.9 | 31.8 | 154        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 28  | 11   | 57     | 13     | 0.778     | -0.046    | 3.937 | 0.013     | 0.01      | 0         | 51.6 | 52.5 | 31.4 | 154        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 12   | 7      | 13     | 0.761     | -0.039    | 3.94  | 0.013     | 0.01      | 0         | 51.2 | 52.9 | 31.4 | 153        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 12   | 17     | 13     | 0.768     | -0.046    | 3.94  | 0.013     | 0.01      | 0         | 51.6 | 52.5 | 33.5 | 154        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 12   | 27     | 13     | 0.784     | -0.049    | 3.94  | 0.016     | 0.013     | 0         | 51.6 | 52.9 | 33.1 | 154        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 12   | 37     | 13     | 0.82      | -0.062    | 3.937 | 0.016     | 0.013     | 0         | 51.6 | 52.9 | 32.3 | 154        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 12   | 47     | 13     | 0.771     | -0.056    | 3.94  | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 31.8 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 12   | 57     | 13     | 0.774     | -0.059    | 3.94  | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 31.4 | 155        | 158        | 0          | 33     | 35     |
| 2009 | 6     | 28  | 13   | 7      | 13     | 0.738     | -0.043    | 3.94  | 0.013     | 0.01      | 0         | 51.6 | 53.3 | 32.3 | 154        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 13   | 17     | 13     | 0.764     | -0.036    | 3.94  | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 33.1 | 154        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 13   | 27     | 13     | 0.778     | -0.056    | 3.94  | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 32.7 | 153        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 13   | 37     | 13     | 0.787     | -0.016    | 3.94  | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 32.3 | 154        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 13   | 47     | 13     | 0.781     | -0.01     | 3.94  | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 34.4 | 153        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 13   | 57     | 13     | 0.761     | -0.023    | 3.94  | 0.01      | 0.007     | 0         | 51.6 | 52.5 | 32.7 | 154        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 14   | 7      | 13     | 0.768     | -0.062    | 3.94  | 0.01      | 0.007     | 0         | 51.2 | 52.9 | 36.1 | 153        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 14   | 17     | 13     | 0.856     | -0.033    | 3.94  | 0.013     | 0.01      | 0         | 51.2 | 52.5 | 32.7 | 153        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 14   | 27     | 13     | 0.764     | 0         | 3.944 | 0.01      | 0.007     | 0         | 50.7 | 52.5 | 34   | 152        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 14   | 37     | 13     | 0.807     | -0.016    | 3.94  | 0.01      | 0.007     | 0         | 50.3 | 52.5 | 33.5 | 152        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 28  | 14   | 47     | 13     | 0.758     | -0.062    | 3.944 | 0.013     | 0.01      | 0         | 50.7 | 52.5 | 34.4 | 152        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 14   | 57     | 13     | 0.784     | -0.072    | 3.944 | 0.016     | 0.013     | 0         | 50.3 | 52   | 32.3 | 151        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 15   | 7      | 13     | 0.794     | -0.049    | 3.944 | 0.013     | 0.01      | 0         | 50.3 | 51.2 | 34.4 | 151        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 15   | 17     | 13     | 0.791     | -0.03     | 3.94  | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 34   | 151        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 15   | 27     | 13     | 0.748     | -0.049    | 3.944 | 0.016     | 0.013     | 0         | 50.3 | 52   | 35.7 | 151        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 15   | 37     | 13     | 0.784     | -0.089    | 3.944 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 34.4 | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 15   | 47     | 13     | 0.866     | -0.007    | 3.944 | 0.016     | 0.013     | 0         | 50.7 | 52   | 34   | 151        | 155        | 0          | 33     | 34     |
| 2009 | 6     | 28  | 15   | 57     | 13     | 0.791     | -0.013    | 3.944 | 0.01      | 0.007     | 0         | 50.3 | 52   | 33.5 | 151        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 16   | 7      | 13     | 0.787     | -0.052    | 3.944 | 0.016     | 0.013     | 0         | 50.3 | 51.6 | 34   | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 16   | 17     | 13     | 0.81      | -0.01     | 3.94  | 0.01      | 0.007     | 0         | 50.7 | 52   | 34.8 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 16   | 27     | 13     | 0.784     | -0.059    | 3.94  | 0.01      | 0.007     | 0         | 50.7 | 51.6 | 35.3 | 151        | 154        | 0          | 33     | 34     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 28  | 16   | 37     | 13     | 0.843     | -0.049    | 3.94  | 0.013     | 0.01      | 0         | 50.7 | 52   | 33.1 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 16   | 47     | 13     | 0.781     | -0.046    | 3.94  | 0.016     | 0.013     | 0         | 50.7 | 52   | 33.1 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 16   | 57     | 13     | 0.768     | -0.052    | 3.944 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 34   | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 17   | 7      | 13     | 0.83      | -0.023    | 3.94  | 0.01      | 0.007     | 0         | 49.9 | 51.6 | 34.4 | 150        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 17   | 17     | 13     | 0.833     | -0.02     | 3.94  | 0.016     | 0.013     | 0         | 49.9 | 50.7 | 33.1 | 150        | 153        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 17   | 27     | 13     | 0.81      | -0.066    | 3.94  | 0.01      | 0.007     | 0         | 50.3 | 51.2 | 33.5 | 150        | 153        | 0          | 33     | 34     |
| 2009 | 6     | 28  | 17   | 37     | 13     | 0.791     | -0.039    | 3.94  | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 33.1 | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 17   | 47     | 13     | 0.771     | -0.036    | 3.94  | 0.016     | 0.013     | 0         | 50.3 | 51.6 | 33.5 | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 17   | 57     | 13     | 0.856     | -0.056    | 3.94  | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 32.7 | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 18   | 7      | 13     | 0.866     | 0         | 3.94  | 0.013     | 0.01      | 0         | 50.3 | 51.6 | 33.1 | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 18   | 17     | 13     | 0.837     | -0.023    | 3.94  | 0.013     | 0.01      | 0         | 50.3 | 52   | 33.1 | 151        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 18   | 27     | 13     | 0.82      | -0.039    | 3.94  | 0.013     | 0.01      | 0         | 49.9 | 51.6 | 32.7 | 150        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 18   | 37     | 13     | 0.817     | -0.049    | 3.94  | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 32.7 | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 18   | 47     | 13     | 0.843     | -0.033    | 3.94  | 0.01      | 0.007     | 0         | 50.3 | 52   | 33.1 | 151        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 18   | 57     | 13     | 0.833     | -0.02     | 3.94  | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 37.4 | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 19   | 7      | 13     | 0.85      | -0.023    | 3.94  | 0.013     | 0.01      | 0         | 50.3 | 51.6 | 33.5 | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 19   | 17     | 13     | 0.86      | -0.026    | 3.94  | 0.01      | 0.007     | 0         | 49.9 | 51.6 | 34   | 150        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 19   | 27     | 13     | 0.794     | -0.036    | 3.94  | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 32.3 | 150        | 154        | 0          | 33     | 34     |
| 2009 | 6     | 28  | 19   | 37     | 13     | 0.86      | -0.036    | 3.94  | 0.013     | 0.01      | 0         | 50.3 | 52   | 32.7 | 151        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 19   | 47     | 13     | 0.83      | -0.049    | 3.944 | 0.013     | 0.01      | 0         | 49.9 | 51.6 | 33.5 | 150        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 19   | 57     | 13     | 0.863     | -0.013    | 3.944 | 0.01      | 0.007     | 0         | 49.9 | 51.2 | 33.1 | 150        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 20   | 7      | 13     | 0.879     | -0.016    | 3.94  | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 33.1 | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 20   | 17     | 13     | 0.869     | -0.033    | 3.94  | 0.013     | 0.01      | 0         | 49.9 | 51.6 | 33.5 | 151        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 28  | 20   | 27     | 13     | 0.833     | -0.069    | 3.94  | 0.01      | 0.007     | 0         | 49.9 | 51.6 | 33.1 | 150        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 20   | 37     | 13     | 0.833     | -0.033    | 3.944 | 0.013     | 0.01      | 0         | 49.9 | 51.6 | 32.3 | 151        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 28  | 20   | 47     | 13     | 0.814     | -0.016    | 3.944 | 0.01      | 0.007     | 0         | 50.3 | 52   | 33.1 | 151        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 20   | 57     | 13     | 0.807     | -0.039    | 3.944 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 34.4 | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 21   | 7      | 13     | 0.853     | -0.013    | 3.944 | 0.01      | 0.007     | 0         | 49.9 | 51.6 | 34.4 | 150        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 21   | 17     | 13     | 0.84      | -0.072    | 3.944 | 0.013     | 0.01      | 0         | 50.3 | 51.6 | 31.8 | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 21   | 27     | 13     | 0.81      | -0.049    | 3.944 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 34.4 | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 21   | 37     | 13     | 0.873     | 0.039     | 3.944 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 33.1 | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 21   | 47     | 13     | 0.853     | -0.033    | 3.944 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 35.3 | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 21   | 57     | 13     | 0.889     | -0.023    | 3.944 | 0.013     | 0.01      | 0         | 49.9 | 51.2 | 34.4 | 150        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 22   | 7      | 13     | 0.86      | -0.043    | 3.94  | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 34   | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 22   | 17     | 13     | 0.863     | -0.01     | 3.944 | 0.013     | 0.01      | 0         | 49.9 | 51.6 | 34.4 | 150        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 22   | 27     | 13     | 0.86      | -0.033    | 3.944 | 0.01      | 0.007     | 0         | 50.3 | 50.7 | 33.1 | 150        | 153        | 0          | 33     | 35     |
| 2009 | 6     | 28  | 22   | 37     | 13     | 0.853     | -0.013    | 3.944 | 0.01      | 0.007     | 0         | 49.9 | 51.6 | 33.1 | 150        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 22   | 47     | 13     | 0.843     | -0.066    | 3.944 | 0.016     | 0.013     | 0         | 49.9 | 51.6 | 33.1 | 150        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 22   | 57     | 13     | 0.873     | -0.013    | 3.94  | 0.01      | 0.007     | 0         | 49.9 | 50.7 | 33.5 | 150        | 153        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 23   | 7      | 13     | 0.81      | -0.01     | 3.944 | 0.016     | 0.016     | 0         | 50.3 | 51.2 | 33.5 | 150        | 154        | 0          | 33     | 35     |
| 2009 | 6     | 28  | 23   | 17     | 13     | 0.866     | -0.033    | 3.944 | 0.013     | 0.01      | 0         | 49.9 | 51.2 | 33.1 | 150        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 23   | 27     | 13     | 0.837     | -0.036    | 3.944 | 0.01      | 0.007     | 0         | 49.9 | 51.2 | 35.7 | 150        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 28  | 23   | 37     | 13     | 0.843     | -0.023    | 3.944 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 33.1 | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 23   | 47     | 13     | 0.873     | 0         | 3.94  | 0.016     | 0.013     | 0         | 49.9 | 51.6 | 34   | 150        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 23   | 57     | 13     | 0.827     | -0.02     | 3.944 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 32.7 | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 0    | 7      | 13     | 0.889     | -0.046    | 3.944 | 0.016     | 0.013     | 0         | 50.3 | 51.2 | 33.1 | 151        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 29  | 0    | 17     | 13     | 0.823     | -0.013    | 3.94  | 0.013     | 0.01      | 0         | 49.9 | 52   | 34   | 151        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 29  | 0    | 27     | 13     | 0.886     | -0.003    | 3.944 | 0.013     | 0.01      | 0         | 50.3 | 52   | 33.1 | 151        | 155        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 29  | 0    | 37     | 13     | 0.833     | -0.03     | 3.94  | 0.013     | 0.01      | 0         | 50.7 | 52   | 31.8 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 0    | 47     | 13     | 0.866     | -0.046    | 3.94  | 0.013     | 0.01      | 0         | 50.3 | 52   | 31.8 | 151        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 0    | 57     | 13     | 0.827     | -0.03     | 3.94  | 0.01      | 0.007     | 0         | 50.3 | 52   | 32.7 | 151        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 1    | 7      | 13     | 0.869     | 0         | 3.94  | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 33.1 | 151        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 29  | 1    | 17     | 13     | 0.837     | -0.043    | 3.94  | 0.01      | 0.007     | 0         | 50.7 | 52   | 32.7 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 1    | 27     | 13     | 0.846     | -0.033    | 3.94  | 0.01      | 0.007     | 0         | 50.7 | 52.5 | 31.8 | 152        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 1    | 37     | 13     | 0.853     | -0.033    | 3.94  | 0.01      | 0.007     | 0         | 50.7 | 52.5 | 32.7 | 152        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 1    | 47     | 13     | 0.823     | -0.049    | 3.94  | 0.016     | 0.013     | 0         | 51.2 | 52.5 | 32.7 | 153        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 1    | 57     | 13     | 0.869     | -0.059    | 3.944 | 0.01      | 0.007     | 0         | 51.2 | 52   | 32.7 | 153        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 29  | 2    | 7      | 13     | 0.801     | -0.062    | 3.94  | 0.01      | 0.007     | 0         | 51.6 | 52.5 | 31.8 | 153        | 157        | 0          | 33     | 35     |
| 2009 | 6     | 29  | 2    | 17     | 13     | 0.869     | -0.016    | 3.94  | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 31   | 154        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 2    | 27     | 13     | 0.814     | -0.036    | 3.94  | 0.016     | 0.013     | 0         | 50.7 | 52.5 | 31.4 | 153        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 29  | 2    | 37     | 13     | 0.837     | -0.049    | 3.944 | 0.01      | 0.007     | 0         | 51.2 | 52.9 | 32.3 | 153        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 2    | 47     | 13     | 0.863     | -0.059    | 3.944 | 0.013     | 0.01      | 0         | 51.2 | 52.9 | 31   | 153        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 2    | 57     | 13     | 0.883     | -0.016    | 3.944 | 0.013     | 0.01      | 0         | 51.2 | 52.5 | 33.1 | 153        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 29  | 3    | 7      | 13     | 0.833     | -0.062    | 3.944 | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 31.4 | 153        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 29  | 3    | 17     | 13     | 0.863     | -0.013    | 3.944 | 0.013     | 0.01      | 0         | 51.6 | 52.5 | 31.4 | 154        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 29  | 3    | 27     | 13     | 0.837     | -0.049    | 3.944 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 31.8 | 154        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 3    | 37     | 13     | 0.889     | -0.046    | 3.944 | 0.01      | 0.007     | 0         | 51.6 | 52.5 | 30.1 | 154        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 29  | 3    | 47     | 13     | 0.771     | -0.046    | 3.944 | 0.01      | 0.007     | 0         | 51.2 | 52.9 | 31   | 154        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 29  | 3    | 57     | 13     | 0.883     | -0.049    | 3.944 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 29.2 | 154        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 29  | 4    | 7      | 13     | 0.827     | 0         | 3.944 | 0.013     | 0.01      | 0         | 52   | 53.3 | 30.1 | 155        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 4    | 17     | 13     | 0.873     | -0.062    | 3.944 | 0.01      | 0.007     | 0         | 52   | 53.3 | 30.1 | 155        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 4    | 27     | 13     | 0.82      | -0.033    | 3.947 | 0.01      | 0.007     | 0         | 51.6 | 53.3 | 29.2 | 155        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 29  | 4    | 37     | 13     | 0.85      | -0.046    | 3.947 | 0.013     | 0.01      | 0         | 51.6 | 53.3 | 31.4 | 155        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 29  | 4    | 47     | 13     | 0.863     | -0.013    | 3.947 | 0.013     | 0.01      | 0         | 52.5 | 54.2 | 30.1 | 156        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 4    | 57     | 13     | 0.807     | -0.033    | 3.947 | 0.013     | 0.01      | 0         | 51.6 | 53.3 | 29.7 | 155        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 29  | 5    | 7      | 13     | 0.837     | -0.039    | 3.947 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 29.7 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 29  | 5    | 17     | 13     | 0.83      | -0.046    | 3.95  | 0.01      | 0.007     | 0         | 52   | 53.8 | 31.8 | 156        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 29  | 5    | 27     | 13     | 0.84      | -0.043    | 3.947 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 30.1 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 29  | 5    | 37     | 13     | 0.883     | -0.016    | 3.95  | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 29.2 | 156        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 29  | 5    | 47     | 13     | 0.804     | -0.046    | 3.95  | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 29.7 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 29  | 5    | 57     | 13     | 0.856     | -0.033    | 3.953 | 0.016     | 0.013     | 0         | 52.9 | 53.8 | 29.2 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 29  | 6    | 7      | 13     | 0.856     | -0.033    | 3.953 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 29.7 | 157        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 6    | 17     | 13     | 0.83      | -0.016    | 3.957 | 0.016     | 0.013     | 0         | 52.5 | 53.8 | 29.7 | 156        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 29  | 6    | 27     | 13     | 0.83      | -0.066    | 3.953 | 0.013     | 0.01      | 0         | 52   | 53.8 | 29.2 | 156        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 29  | 6    | 37     | 13     | 0.856     | -0.003    | 3.957 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 30.5 | 156        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 29  | 6    | 47     | 13     | 0.804     | -0.046    | 3.957 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 30.1 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 29  | 6    | 57     | 13     | 0.787     | -0.023    | 3.96  | 0.01      | 0.007     | 0         | 52   | 53.3 | 30.1 | 155        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 29  | 7    | 7      | 13     | 0.833     | -0.046    | 3.96  | 0.013     | 0.01      | 0         | 52   | 53.3 | 31.4 | 155        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 7    | 17     | 13     | 0.758     | -0.069    | 3.96  | 0.01      | 0.007     | 0         | 52   | 53.3 | 29.7 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 29  | 7    | 27     | 13     | 0.856     | -0.043    | 3.96  | 0.01      | 0.007     | 0         | 52   | 53.8 | 29.7 | 155        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 7    | 37     | 13     | 0.86      | -0.03     | 3.96  | 0.01      | 0.007     | 0         | 51.6 | 53.3 | 30.5 | 155        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 29  | 7    | 47     | 13     | 0.801     | -0.052    | 3.96  | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 30.1 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 29  | 7    | 57     | 13     | 0.82      | -0.039    | 3.96  | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 30.5 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 29  | 8    | 7      | 13     | 0.83      | -0.033    | 3.96  | 0.016     | 0.013     | 0         | 52.5 | 53.8 | 32.7 | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 8    | 17     | 13     | 0.823     | -0.052    | 3.96  | 0.01      | 0.007     | 0         | 52   | 53.3 | 31.8 | 155        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 29  | 8    | 27     | 13     | 0.846     | -0.079    | 3.96  | 0.01      | 0.007     | 0         | 51.6 | 53.3 | 31   | 155        | 159        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 29  | 8    | 37     | 13     | 0.82      | -0.046    | 3.96  | 0.013     | 0.01      | 0         | 52.5 | 54.2 | 30.5 | 156        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 8    | 47     | 13     | 0.892     | -0.016    | 3.963 | 0.01      | 0.007     | 0         | 52   | 53.8 | 31.8 | 156        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 29  | 8    | 57     | 13     | 0.814     | -0.033    | 3.96  | 0.013     | 0.01      | 0         | 52   | 53.8 | 30.1 | 156        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 29  | 9    | 7      | 13     | 0.801     | -0.033    | 3.963 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 31.4 | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 9    | 17     | 13     | 0.833     | -0.043    | 3.963 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 31.8 | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 9    | 27     | 13     | 0.82      | -0.072    | 3.963 | 0.01      | 0.007     | 0         | 52   | 53.3 | 31.8 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 29  | 9    | 37     | 13     | 0.84      | -0.036    | 3.963 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 31.4 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 29  | 9    | 47     | 13     | 0.807     | -0.052    | 3.96  | 0.01      | 0.007     | 0         | 52   | 53.8 | 31.4 | 156        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 29  | 9    | 57     | 13     | 0.853     | -0.056    | 3.96  | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 31.4 | 157        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 29  | 10   | 7      | 13     | 0.804     | -0.03     | 3.96  | 0.013     | 0.01      | 0         | 52.5 | 54.6 | 31   | 157        | 161        | 0          | 35     | 34     |
| 2009 | 6     | 29  | 10   | 17     | 13     | 0.804     | -0.03     | 3.96  | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 32.3 | 157        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 29  | 10   | 27     | 13     | 0.886     | -0.03     | 3.96  | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 31.8 | 158        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 29  | 10   | 37     | 13     | 0.781     | -0.003    | 3.96  | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 31.4 | 158        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 29  | 10   | 47     | 13     | 0.817     | -0.036    | 3.963 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 33.1 | 157        | 161        | 0          | 34     | 35     |
| 2009 | 6     | 29  | 10   | 57     | 13     | 0.778     | -0.039    | 3.96  | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 31   | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 29  | 11   | 7      | 13     | 0.863     | -0.049    | 3.96  | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 30.5 | 157        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 29  | 11   | 17     | 13     | 0.784     | -0.049    | 3.96  | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 30.5 | 157        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 11   | 27     | 13     | 0.791     | -0.026    | 3.957 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 31.4 | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 11   | 37     | 13     | 0.837     | -0.016    | 3.957 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 31   | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 29  | 11   | 47     | 13     | 0.807     | -0.02     | 3.953 | 0.013     | 0.01      | 0         | 52   | 53.8 | 31.8 | 155        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 11   | 57     | 13     | 0.745     | -0.052    | 3.957 | 0.01      | 0.007     | 0         | 51.6 | 53.3 | 31.8 | 154        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 12   | 7      | 13     | 0.758     | -0.069    | 3.953 | 0.013     | 0.01      | 0         | 52   | 53.3 | 30.5 | 155        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 12   | 17     | 13     | 0.778     | -0.056    | 3.953 | 0.013     | 0.01      | 0         | 52   | 53.3 | 33.5 | 155        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 12   | 27     | 13     | 0.814     | -0.003    | 3.953 | 0.01      | 0.007     | 0         | 52   | 53.8 | 33.1 | 155        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 12   | 37     | 13     | 0.807     | -0.03     | 3.957 | 0.01      | 0.007     | 0         | 53.3 | 55   | 41.7 | 158        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 12   | 47     | 13     | 0.81      | -0.02     | 3.953 | 0.01      | 0.007     | 0         | 53.8 | 55.5 | 35.3 | 159        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 12   | 57     | 13     | 0.804     | 0.013     | 3.953 | 0.013     | 0.01      | 0         | 53.8 | 55   | 35.3 | 159        | 162        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 13   | 7      | 13     | 0.801     | -0.03     | 3.953 | 0.013     | 0.01      | 0         | 53.3 | 55   | 34.8 | 159        | 162        | 0          | 35     | 34     |
| 2009 | 6     | 29  | 13   | 17     | 13     | 0.84      | -0.056    | 3.957 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 39.6 | 158        | 162        | 0          | 34     | 35     |
| 2009 | 6     | 29  | 13   | 27     | 13     | 0.778     | -0.033    | 3.957 | 0.016     | 0.016     | 0         | 53.8 | 55.5 | 36.1 | 159        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 13   | 37     | 13     | 0.761     | -0.02     | 3.953 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 35.7 | 161        | 164        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 13   | 47     | 13     | 0.794     | -0.016    | 3.957 | 0.013     | 0.01      | 0         | 54.6 | 56.3 | 37.4 | 161        | 165        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 13   | 57     | 13     | 0.745     | -0.033    | 3.953 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 35.7 | 160        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 14   | 7      | 13     | 0.83      | -0.007    | 3.953 | 0.01      | 0.007     | 0         | 53.8 | 55.5 | 37   | 159        | 163        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 14   | 17     | 13     | 0.781     | -0.013    | 3.953 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 34.8 | 158        | 161        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 14   | 27     | 13     | 0.761     | -0.036    | 3.953 | 0.01      | 0.007     | 0         | 52.5 | 54.2 | 34   | 157        | 160        | 0          | 35     | 34     |
| 2009 | 6     | 29  | 14   | 37     | 13     | 0.797     | -0.033    | 3.953 | 0.013     | 0.01      | 0         | 52.5 | 54.2 | 33.5 | 156        | 160        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 14   | 47     | 13     | 0.709     | -0.062    | 3.953 | 0.01      | 0.007     | 0         | 52   | 53.8 | 34   | 155        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 14   | 57     | 13     | 0.787     | -0.016    | 3.953 | 0.013     | 0.01      | 0         | 52   | 53.3 | 34.4 | 155        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 15   | 7      | 13     | 0.804     | -0.036    | 3.953 | 0.01      | 0.007     | 0         | 51.6 | 52.5 | 34.8 | 154        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 29  | 15   | 17     | 13     | 0.781     | -0.033    | 3.95  | 0.016     | 0.013     | 0         | 51.6 | 52.9 | 33.1 | 154        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 15   | 27     | 13     | 0.784     | -0.036    | 3.953 | 0.01      | 0.007     | 0         | 51.6 | 52.5 | 35.3 | 154        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 29  | 15   | 37     | 13     | 0.745     | -0.043    | 3.953 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 36.5 | 154        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 15   | 47     | 13     | 0.804     | -0.049    | 3.953 | 0.013     | 0.01      | 0         | 51.2 | 52.9 | 39.6 | 154        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 29  | 15   | 57     | 13     | 0.778     | -0.049    | 3.953 | 0.013     | 0.01      | 0         | 52   | 53.8 | 34.8 | 155        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 16   | 7      | 13     | 0.778     | -0.026    | 3.953 | 0.01      | 0.007     | 0         | 51.6 | 53.3 | 34.8 | 154        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 16   | 17     | 13     | 0.81      | -0.036    | 3.953 | 0.013     | 0.01      | 0         | 51.6 | 53.3 | 38.7 | 154        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 16   | 27     | 13     | 0.797     | -0.023    | 3.953 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 39.6 | 155        | 158        | 0          | 33     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 29  | 16   | 37     | 13     | 0.778     | -0.026    | 3.95  | 0.013     | 0.01      | 0         | 52   | 52.9 | 34.8 | 154        | 157        | 0          | 33     | 34     |
| 2009 | 6     | 29  | 16   | 47     | 13     | 0.833     | 0.003     | 3.95  | 0.013     | 0.01      | 0         | 52   | 52.9 | 33.5 | 154        | 157        | 0          | 33     | 34     |
| 2009 | 6     | 29  | 16   | 57     | 13     | 0.823     | -0.049    | 3.95  | 0.01      | 0.007     | 0         | 51.2 | 52   | 34   | 153        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 29  | 17   | 7      | 13     | 0.787     | -0.036    | 3.95  | 0.01      | 0.007     | 0         | 51.6 | 52.5 | 34.4 | 154        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 29  | 17   | 17     | 13     | 0.81      | -0.033    | 3.953 | 0.013     | 0.01      | 0         | 51.2 | 52.5 | 41.3 | 153        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 17   | 27     | 13     | 0.804     | -0.033    | 3.953 | 0.016     | 0.013     | 0         | 51.6 | 52.9 | 38.7 | 154        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 17   | 37     | 13     | 0.82      | -0.039    | 3.953 | 0.013     | 0.01      | 0         | 51.2 | 53.3 | 37   | 154        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 29  | 17   | 47     | 13     | 0.751     | -0.033    | 3.95  | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 34   | 154        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 17   | 57     | 13     | 0.886     | 0.007     | 3.95  | 0.01      | 0.007     | 0         | 51.6 | 53.3 | 34   | 154        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 18   | 7      | 13     | 0.837     | 0         | 3.95  | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 34   | 154        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 18   | 17     | 13     | 0.856     | -0.013    | 3.95  | 0.01      | 0.007     | 0         | 51.2 | 52.9 | 33.1 | 153        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 18   | 27     | 13     | 0.84      | -0.039    | 3.953 | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 34   | 153        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 18   | 37     | 13     | 0.784     | -0.056    | 3.95  | 0.013     | 0.01      | 0         | 51.2 | 52.5 | 33.1 | 153        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 18   | 47     | 13     | 0.833     | -0.056    | 3.95  | 0.01      | 0.007     | 0         | 50.7 | 52.5 | 32.7 | 152        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 18   | 57     | 13     | 0.85      | -0.01     | 3.95  | 0.016     | 0.013     | 0         | 50.3 | 52   | 34   | 151        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 19   | 7      | 13     | 0.781     | -0.052    | 3.95  | 0.01      | 0.007     | 0         | 51.2 | 51.6 | 33.1 | 152        | 155        | 0          | 33     | 35     |
| 2009 | 6     | 29  | 19   | 17     | 13     | 0.794     | -0.003    | 3.95  | 0.01      | 0.007     | 0         | 50.7 | 52   | 33.1 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 19   | 27     | 13     | 0.883     | -0.03     | 3.95  | 0.013     | 0.01      | 0         | 50.7 | 51.6 | 32.7 | 152        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 29  | 19   | 37     | 13     | 0.86      | -0.033    | 3.95  | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 31.8 | 151        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 29  | 19   | 47     | 13     | 0.833     | -0.049    | 3.95  | 0.013     | 0.01      | 0         | 50.7 | 52   | 33.1 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 19   | 57     | 13     | 0.774     | -0.049    | 3.95  | 0.016     | 0.013     | 0         | 49.9 | 52   | 33.1 | 151        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 29  | 20   | 7      | 13     | 0.863     | -0.023    | 3.95  | 0.01      | 0.007     | 0         | 50.3 | 52   | 32.7 | 151        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 20   | 17     | 13     | 0.899     | -0.02     | 3.953 | 0.013     | 0.01      | 0         | 51.2 | 51.6 | 32.7 | 152        | 155        | 0          | 33     | 35     |
| 2009 | 6     | 29  | 20   | 27     | 13     | 0.817     | -0.046    | 3.953 | 0.016     | 0.013     | 0         | 50.7 | 52.5 | 33.5 | 152        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 20   | 37     | 13     | 0.801     | -0.049    | 3.953 | 0.01      | 0.007     | 0         | 50.7 | 52.5 | 33.1 | 152        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 20   | 47     | 13     | 0.876     | -0.052    | 3.953 | 0.01      | 0.007     | 0         | 50.7 | 52.5 | 33.1 | 152        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 20   | 57     | 13     | 0.853     | -0.052    | 3.95  | 0.01      | 0.007     | 0         | 50.7 | 52   | 34   | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 21   | 7      | 13     | 0.866     | -0.033    | 3.953 | 0.013     | 0.01      | 0         | 50.3 | 51.6 | 31.4 | 151        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 29  | 21   | 17     | 13     | 0.85      | -0.03     | 3.953 | 0.013     | 0.01      | 0         | 50.3 | 51.6 | 33.5 | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 21   | 27     | 13     | 0.896     | -0.023    | 3.953 | 0.013     | 0.01      | 0         | 49.9 | 52   | 33.5 | 151        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 29  | 21   | 37     | 13     | 0.853     | 0.003     | 3.953 | 0.01      | 0.007     | 0         | 49.9 | 51.6 | 32.3 | 150        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 21   | 47     | 13     | 0.902     | -0.02     | 3.953 | 0.016     | 0.013     | 0         | 50.3 | 51.6 | 32.3 | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 21   | 57     | 13     | 0.82      | -0.026    | 3.953 | 0.013     | 0.01      | 0         | 49.5 | 51.6 | 32.3 | 150        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 29  | 22   | 7      | 13     | 0.863     | -0.023    | 3.953 | 0.01      | 0.007     | 0         | 49.9 | 51.2 | 31   | 150        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 29  | 22   | 17     | 13     | 0.797     | -0.03     | 3.953 | 0.013     | 0.01      | 0         | 49.9 | 51.6 | 32.7 | 150        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 22   | 27     | 13     | 0.876     | -0.062    | 3.953 | 0.01      | 0.007     | 0         | 49.9 | 51.6 | 31.8 | 150        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 22   | 37     | 13     | 0.85      | -0.046    | 3.957 | 0.013     | 0.01      | 0         | 50.3 | 51.6 | 31.4 | 150        | 154        | 0          | 33     | 34     |
| 2009 | 6     | 29  | 22   | 47     | 13     | 0.853     | -0.043    | 3.957 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 31.4 | 150        | 154        | 0          | 33     | 34     |
| 2009 | 6     | 29  | 22   | 57     | 13     | 0.853     | -0.013    | 3.96  | 0.01      | 0.007     | 0         | 49.9 | 52   | 30.5 | 151        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 29  | 23   | 7      | 13     | 0.866     | -0.03     | 3.96  | 0.013     | 0.01      | 0         | 49.9 | 51.6 | 31.4 | 150        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 23   | 17     | 13     | 0.84      | -0.066    | 3.96  | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 31.4 | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 23   | 27     | 13     | 0.807     | -0.023    | 3.96  | 0.013     | 0.01      | 0         | 50.3 | 52   | 31.8 | 151        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 23   | 37     | 13     | 0.896     | -0.059    | 3.96  | 0.01      | 0.007     | 0         | 50.3 | 52   | 31.8 | 151        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 23   | 47     | 13     | 0.902     | -0.02     | 3.963 | 0.01      | 0.007     | 0         | 49.9 | 51.6 | 32.7 | 151        | 155        | 0          | 35     | 35     |
| 2009 | 6     | 29  | 23   | 57     | 13     | 0.906     | -0.013    | 3.963 | 0.013     | 0.01      | 0         | 50.3 | 51.6 | 31.4 | 151        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 0    | 7      | 13     | 0.902     | -0.033    | 3.963 | 0.016     | 0.013     | 0         | 50.7 | 52   | 33.5 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 0    | 17     | 13     | 0.876     | 0.023     | 3.963 | 0.01      | 0.007     | 0         | 50.7 | 52   | 32.3 | 151        | 155        | 0          | 33     | 34     |
| 2009 | 6     | 30  | 0    | 27     | 13     | 0.886     | -0.049    | 3.967 | 0.013     | 0.01      | 0         | 50.7 | 52   | 31.8 | 152        | 155        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 30  | 0    | 37     | 13     | 0.86      | -0.007    | 3.967 | 0.013     | 0.01      | 0         | 50.7 | 52   | 32.3 | 152        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 0    | 47     | 13     | 0.801     | -0.049    | 3.967 | 0.01      | 0.007     | 0         | 50.7 | 52   | 31.8 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 0    | 57     | 13     | 0.85      | -0.039    | 3.967 | 0.013     | 0.01      | 0         | 51.2 | 52.5 | 33.1 | 153        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 1    | 7      | 13     | 0.922     | -0.013    | 3.967 | 0.013     | 0.01      | 0         | 50.7 | 52   | 33.1 | 152        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 1    | 17     | 13     | 0.919     | -0.039    | 3.967 | 0.01      | 0.007     | 0         | 50.7 | 52   | 32.3 | 152        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 1    | 27     | 13     | 0.837     | -0.049    | 3.97  | 0.01      | 0.007     | 0         | 50.7 | 52.5 | 32.7 | 152        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 1    | 37     | 13     | 0.853     | -0.003    | 3.97  | 0.013     | 0.01      | 0         | 50.7 | 52.5 | 31.8 | 152        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 1    | 47     | 13     | 0.807     | -0.049    | 3.97  | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 33.1 | 153        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 1    | 57     | 13     | 0.886     | -0.013    | 3.97  | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 31   | 153        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 2    | 7      | 13     | 0.833     | -0.023    | 3.97  | 0.01      | 0.007     | 0         | 50.7 | 52   | 32.3 | 153        | 156        | 0          | 35     | 35     |
| 2009 | 6     | 30  | 2    | 17     | 13     | 0.814     | -0.036    | 3.97  | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 32.3 | 153        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 2    | 27     | 13     | 0.797     | -0.036    | 3.97  | 0.013     | 0.01      | 0         | 51.6 | 52.5 | 34   | 154        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 2    | 37     | 13     | 0.873     | -0.01     | 3.97  | 0.01      | 0.007     | 0         | 50.7 | 52.9 | 33.1 | 153        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 30  | 2    | 47     | 13     | 0.827     | -0.023    | 3.97  | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 33.1 | 154        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 2    | 57     | 13     | 0.863     | -0.026    | 3.97  | 0.013     | 0.01      | 0         | 51.2 | 52.9 | 32.3 | 153        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 3    | 7      | 13     | 0.876     | -0.039    | 3.97  | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 31.8 | 153        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 3    | 17     | 13     | 0.883     | -0.062    | 3.97  | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 32.7 | 154        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 30  | 3    | 27     | 13     | 0.82      | -0.023    | 3.97  | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 31.4 | 154        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 3    | 37     | 13     | 0.833     | -0.02     | 3.973 | 0.016     | 0.013     | 0         | 51.2 | 52.9 | 34.4 | 154        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 30  | 3    | 47     | 13     | 0.876     | -0.062    | 3.973 | 0.013     | 0.01      | 0         | 51.6 | 52.5 | 31.4 | 154        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 3    | 57     | 13     | 0.846     | -0.046    | 3.973 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 32.3 | 154        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 4    | 7      | 13     | 0.853     | -0.056    | 3.973 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 32.7 | 154        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 4    | 17     | 13     | 0.84      | -0.026    | 3.973 | 0.01      | 0.007     | 0         | 51.6 | 53.3 | 33.5 | 154        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 4    | 27     | 13     | 0.856     | -0.043    | 3.973 | 0.016     | 0.013     | 0         | 51.2 | 53.3 | 33.5 | 154        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 30  | 4    | 37     | 13     | 0.827     | -0.03     | 3.973 | 0.016     | 0.013     | 0         | 51.6 | 52.9 | 31   | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 30  | 4    | 47     | 13     | 0.866     | -0.059    | 3.973 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 31.4 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 30  | 4    | 57     | 13     | 0.745     | -0.072    | 3.973 | 0.01      | 0.007     | 0         | 52   | 53.3 | 33.5 | 155        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 5    | 7      | 13     | 0.846     | -0.069    | 3.973 | 0.013     | 0.01      | 0         | 52   | 53.8 | 32.3 | 155        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 5    | 17     | 13     | 0.85      | -0.043    | 3.973 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 31.8 | 155        | 158        | 0          | 35     | 35     |
| 2009 | 6     | 30  | 5    | 27     | 13     | 0.863     | -0.036    | 3.973 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 32.7 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 5    | 37     | 13     | 0.781     | 0         | 3.973 | 0.016     | 0.016     | 0         | 52.5 | 53.3 | 31   | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 5    | 47     | 13     | 0.863     | -0.043    | 3.973 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 30.5 | 156        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 5    | 57     | 13     | 0.856     | -0.02     | 3.973 | 0.013     | 0.01      | 0         | 52   | 53.8 | 30.1 | 156        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 30  | 6    | 7      | 13     | 0.817     | -0.062    | 3.973 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 31.4 | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 6    | 17     | 13     | 0.817     | -0.016    | 3.976 | 0.01      | 0.007     | 0         | 52   | 53.8 | 31.8 | 156        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 30  | 6    | 27     | 13     | 0.801     | -0.046    | 3.976 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 30.5 | 156        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 6    | 37     | 13     | 0.814     | -0.016    | 3.976 | 0.01      | 0.007     | 0         | 52   | 53.3 | 32.7 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 30  | 6    | 47     | 13     | 0.827     | -0.046    | 3.976 | 0.013     | 0.01      | 0         | 52   | 54.2 | 31   | 156        | 160        | 0          | 35     | 34     |
| 2009 | 6     | 30  | 6    | 57     | 13     | 0.837     | -0.03     | 3.976 | 0.016     | 0.013     | 0         | 52   | 53.3 | 32.3 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 30  | 7    | 7      | 13     | 0.863     | -0.01     | 3.976 | 0.01      | 0.007     | 0         | 52   | 53.3 | 31   | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 30  | 7    | 17     | 13     | 0.846     | -0.03     | 3.976 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 30.1 | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 7    | 27     | 13     | 0.833     | -0.013    | 3.976 | 0.016     | 0.016     | 0         | 52.5 | 53.8 | 31   | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 7    | 37     | 13     | 0.843     | -0.039    | 3.976 | 0.01      | 0.007     | 0         | 52   | 53.3 | 30.5 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 30  | 7    | 47     | 13     | 0.827     | -0.049    | 3.976 | 0.016     | 0.013     | 0         | 51.6 | 53.3 | 31.8 | 155        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 30  | 7    | 57     | 13     | 0.791     | -0.016    | 3.976 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 30.5 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 8    | 7      | 13     | 0.863     | -0.062    | 3.98  | 0.01      | 0.007     | 0         | 52   | 53.3 | 31.4 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 30  | 8    | 17     | 13     | 0.814     | -0.036    | 3.98  | 0.016     | 0.013     | 0         | 52.5 | 53.3 | 30.5 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 8    | 27     | 13     | 0.869     | -0.03     | 3.98  | 0.016     | 0.013     | 0         | 52   | 53.3 | 30.1 | 156        | 159        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 30  | 8    | 37     | 13     | 0.768     | -0.056    | 3.98  | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 31.8 | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 8    | 47     | 13     | 0.892     | -0.043    | 3.98  | 0.01      | 0.007     | 0         | 52   | 53.8 | 30.5 | 156        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 30  | 8    | 57     | 13     | 0.879     | -0.03     | 3.98  | 0.01      | 0.007     | 0         | 52   | 53.8 | 31.8 | 156        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 30  | 9    | 7      | 13     | 0.869     | -0.023    | 3.98  | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 29.7 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 9    | 17     | 13     | 0.787     | -0.039    | 3.98  | 0.01      | 0.007     | 0         | 52   | 53.3 | 31.4 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 30  | 9    | 27     | 13     | 0.843     | -0.066    | 3.98  | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 31   | 156        | 160        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 9    | 37     | 13     | 0.817     | -0.016    | 3.98  | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 31.8 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 9    | 47     | 13     | 0.804     | -0.049    | 3.98  | 0.01      | 0.007     | 0         | 52   | 52.9 | 31.4 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 9    | 57     | 13     | 0.778     | -0.023    | 3.98  | 0.01      | 0.007     | 0         | 52   | 52.9 | 31.4 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 10   | 7      | 13     | 0.801     | -0.033    | 3.98  | 0.01      | 0.007     | 0         | 52   | 53.8 | 30.1 | 155        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 10   | 17     | 13     | 0.817     | -0.052    | 3.98  | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 30.1 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 10   | 27     | 13     | 0.833     | -0.036    | 3.983 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 31   | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 10   | 37     | 13     | 0.82      | -0.072    | 3.983 | 0.01      | 0.007     | 0         | 51.6 | 53.3 | 30.1 | 155        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 30  | 10   | 47     | 13     | 0.787     | -0.062    | 3.983 | 0.013     | 0.01      | 0         | 52   | 53.3 | 30.5 | 156        | 159        | 0          | 35     | 35     |
| 2009 | 6     | 30  | 10   | 57     | 13     | 0.85      | -0.03     | 3.983 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 31.8 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 11   | 7      | 13     | 0.764     | -0.075    | 3.983 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 32.3 | 156        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 11   | 17     | 13     | 0.745     | -0.052    | 3.983 | 0.01      | 0.007     | 0         | 52   | 53.8 | 30.1 | 155        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 11   | 27     | 13     | 0.801     | -0.062    | 3.983 | 0.01      | 0.007     | 0         | 52   | 53.3 | 31.8 | 155        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 11   | 37     | 13     | 0.801     | -0.023    | 3.983 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 30.5 | 156        | 159        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 11   | 47     | 13     | 0.81      | -0.033    | 3.983 | 0.01      | 0.007     | 0         | 52   | 52.9 | 31.8 | 155        | 158        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 11   | 57     | 13     | 0.84      | -0.056    | 3.983 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 33.5 | 155        | 158        | 0          | 33     | 35     |
| 2009 | 6     | 30  | 12   | 7      | 13     | 0.794     | -0.062    | 3.983 | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 31   | 154        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 12   | 17     | 13     | 0.817     | -0.062    | 3.983 | 0.01      | 0.007     | 0         | 51.6 | 53.3 | 31.8 | 154        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 12   | 27     | 13     | 0.791     | -0.033    | 3.983 | 0.013     | 0.01      | 0         | 51.6 | 52.5 | 31.4 | 154        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 12   | 37     | 13     | 0.827     | -0.023    | 3.983 | 0.01      | 0.007     | 0         | 51.6 | 52.5 | 32.7 | 154        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 12   | 47     | 13     | 0.827     | -0.056    | 3.983 | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 31.8 | 154        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 12   | 57     | 13     | 0.804     | -0.036    | 3.983 | 0.01      | 0.007     | 0         | 51.6 | 53.3 | 32.3 | 154        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 13   | 7      | 13     | 0.738     | -0.052    | 3.986 | 0.01      | 0.007     | 0         | 51.2 | 52.9 | 33.1 | 153        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 13   | 17     | 13     | 0.814     | -0.026    | 3.983 | 0.01      | 0.007     | 0         | 51.2 | 53.3 | 32.3 | 154        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 30  | 13   | 27     | 13     | 0.797     | -0.033    | 3.986 | 0.01      | 0.007     | 0         | 51.2 | 52.9 | 32.7 | 154        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 30  | 13   | 37     | 13     | 0.761     | -0.049    | 3.986 | 0.01      | 0.007     | 0         | 51.2 | 52.9 | 31.8 | 153        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 13   | 47     | 13     | 0.784     | -0.03     | 3.986 | 0.01      | 0.007     | 0         | 51.2 | 52.9 | 31.4 | 153        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 13   | 57     | 13     | 0.778     | -0.049    | 3.986 | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 34   | 153        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 14   | 7      | 13     | 0.764     | -0.043    | 3.986 | 0.013     | 0.01      | 0         | 51.2 | 52.9 | 32.3 | 153        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 14   | 17     | 13     | 0.814     | -0.036    | 3.986 | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 31.4 | 153        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 14   | 27     | 13     | 0.732     | -0.052    | 3.986 | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 34   | 153        | 157        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 14   | 37     | 13     | 0.823     | -0.023    | 3.986 | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 32.7 | 153        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 14   | 47     | 13     | 0.807     | -0.033    | 3.986 | 0.01      | 0.007     | 0         | 50.7 | 52.5 | 33.1 | 152        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 14   | 57     | 13     | 0.787     | -0.043    | 3.986 | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 33.5 | 153        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 15   | 7      | 13     | 0.774     | -0.016    | 3.986 | 0.016     | 0.013     | 0         | 50.7 | 52.5 | 33.5 | 152        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 15   | 17     | 13     | 0.81      | -0.036    | 3.986 | 0.01      | 0.007     | 0         | 50.7 | 52.5 | 33.5 | 152        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 15   | 27     | 13     | 0.863     | -0.007    | 3.986 | 0.01      | 0.007     | 0         | 50.7 | 52   | 32.3 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 15   | 37     | 13     | 0.751     | -0.059    | 3.99  | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 34.4 | 152        | 156        | 0          | 33     | 34     |
| 2009 | 6     | 30  | 15   | 47     | 13     | 0.771     | -0.036    | 3.99  | 0.013     | 0.01      | 0         | 50.3 | 52   | 35.3 | 152        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 30  | 15   | 57     | 13     | 0.807     | -0.033    | 3.986 | 0.01      | 0.007     | 0         | 50.7 | 52   | 33.1 | 151        | 155        | 0          | 33     | 34     |
| 2009 | 6     | 30  | 16   | 7      | 13     | 0.787     | -0.066    | 3.99  | 0.01      | 0.007     | 0         | 50.7 | 52   | 34.8 | 151        | 155        | 0          | 33     | 34     |
| 2009 | 6     | 30  | 16   | 17     | 13     | 0.755     | -0.069    | 3.986 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 33.5 | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 16   | 27     | 13     | 0.82      | -0.056    | 3.986 | 0.01      | 0.007     | 0         | 50.3 | 51.6 | 34.4 | 151        | 154        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 30  | 16   | 37     | 13     | 0.817     | -0.043    | 3.99  | 0.01      | 0.007     | 0         | 50.7 | 52   | 34   | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 16   | 47     | 13     | 0.846     | -0.03     | 3.986 | 0.01      | 0.007     | 0         | 50.7 | 52   | 34.8 | 151        | 155        | 0          | 33     | 34     |
| 2009 | 6     | 30  | 16   | 57     | 13     | 0.883     | -0.02     | 3.986 | 0.01      | 0.007     | 0         | 50.3 | 52   | 34   | 151        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 17   | 7      | 13     | 0.814     | -0.016    | 3.99  | 0.01      | 0.007     | 0         | 50.3 | 52   | 34   | 151        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 17   | 17     | 13     | 0.906     | -0.007    | 3.986 | 0.013     | 0.01      | 0         | 50.3 | 52   | 34   | 151        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 17   | 27     | 13     | 0.807     | -0.02     | 3.986 | 0.01      | 0.007     | 0         | 50.7 | 52.5 | 33.1 | 152        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 17   | 37     | 13     | 0.781     | -0.056    | 3.99  | 0.01      | 0.007     | 0         | 50.7 | 52.5 | 32.7 | 152        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 17   | 47     | 13     | 0.787     | -0.072    | 3.986 | 0.013     | 0.01      | 0         | 50.3 | 52   | 34.4 | 151        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 17   | 57     | 13     | 0.896     | -0.023    | 3.99  | 0.013     | 0.01      | 0         | 50.3 | 52   | 33.5 | 151        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 18   | 7      | 13     | 0.768     | -0.036    | 3.99  | 0.013     | 0.01      | 0         | 50.3 | 51.6 | 33.1 | 151        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 18   | 17     | 13     | 0.846     | -0.033    | 3.99  | 0.013     | 0.01      | 0         | 50.3 | 52   | 32.7 | 151        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 18   | 27     | 13     | 0.86      | -0.036    | 3.99  | 0.01      | 0.007     | 0         | 51.6 | 52.5 | 33.5 | 153        | 156        | 0          | 33     | 34     |
| 2009 | 6     | 30  | 18   | 37     | 13     | 0.853     | -0.033    | 3.99  | 0.013     | 0.01      | 0         | 50.7 | 52   | 33.5 | 151        | 155        | 0          | 33     | 34     |
| 2009 | 6     | 30  | 18   | 47     | 13     | 0.876     | -0.059    | 3.99  | 0.01      | 0.007     | 0         | 50.3 | 52   | 33.1 | 151        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 18   | 57     | 13     | 0.919     | -0.043    | 3.99  | 0.01      | 0.007     | 0         | 50.7 | 52   | 33.5 | 151        | 155        | 0          | 33     | 34     |
| 2009 | 6     | 30  | 19   | 7      | 13     | 0.82      | -0.036    | 3.99  | 0.01      | 0.007     | 0         | 50.7 | 52   | 32.3 | 151        | 155        | 0          | 33     | 34     |
| 2009 | 6     | 30  | 19   | 17     | 13     | 0.837     | -0.056    | 3.99  | 0.01      | 0.007     | 0         | 49.9 | 51.2 | 33.5 | 150        | 154        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 19   | 27     | 13     | 0.84      | -0.049    | 3.99  | 0.013     | 0.01      | 0         | 50.3 | 51.6 | 33.1 | 151        | 155        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 19   | 37     | 13     | 0.86      | -0.02     | 3.99  | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 33.1 | 152        | 156        | 0          | 33     | 34     |
| 2009 | 6     | 30  | 19   | 47     | 13     | 0.85      | -0.049    | 3.99  | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 33.5 | 153        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 19   | 57     | 13     | 0.876     | -0.049    | 3.99  | 0.013     | 0.01      | 0         | 51.6 | 52.9 | 34   | 153        | 157        | 0          | 33     | 34     |
| 2009 | 6     | 30  | 20   | 7      | 13     | 0.84      | -0.039    | 3.99  | 0.013     | 0.01      | 0         | 51.2 | 52.9 | 35.3 | 153        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 20   | 17     | 13     | 0.82      | -0.016    | 3.99  | 0.01      | 0.007     | 0         | 51.6 | 52.5 | 33.1 | 153        | 156        | 0          | 33     | 34     |
| 2009 | 6     | 30  | 20   | 27     | 13     | 0.843     | -0.036    | 3.99  | 0.01      | 0.007     | 0         | 51.2 | 52.9 | 32.7 | 153        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 20   | 37     | 13     | 0.85      | -0.026    | 3.99  | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 32.7 | 153        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 20   | 47     | 13     | 0.85      | -0.056    | 3.99  | 0.013     | 0.01      | 0         | 50.7 | 52.9 | 34.8 | 152        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 20   | 57     | 13     | 0.837     | -0.033    | 3.99  | 0.01      | 0.007     | 0         | 50.7 | 52   | 34   | 151        | 155        | 0          | 33     | 34     |
| 2009 | 6     | 30  | 21   | 7      | 13     | 0.827     | -0.026    | 3.99  | 0.01      | 0.007     | 0         | 49.9 | 52   | 34   | 151        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 30  | 21   | 17     | 13     | 0.84      | -0.056    | 3.99  | 0.016     | 0.016     | 0         | 50.3 | 52.5 | 35.3 | 151        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 21   | 27     | 13     | 0.902     | -0.003    | 3.99  | 0.01      | 0.007     | 0         | 50.7 | 51.6 | 34   | 151        | 154        | 0          | 33     | 34     |
| 2009 | 6     | 30  | 21   | 37     | 13     | 0.85      | -0.026    | 3.99  | 0.01      | 0.007     | 0         | 50.3 | 52   | 33.1 | 151        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 21   | 47     | 13     | 0.804     | -0.036    | 3.99  | 0.01      | 0.007     | 0         | 50.7 | 52   | 33.5 | 151        | 155        | 0          | 33     | 34     |
| 2009 | 6     | 30  | 21   | 57     | 13     | 0.892     | -0.036    | 3.99  | 0.013     | 0.01      | 0         | 51.2 | 52.5 | 33.1 | 152        | 156        | 0          | 33     | 34     |
| 2009 | 6     | 30  | 22   | 7      | 13     | 0.863     | -0.03     | 3.99  | 0.01      | 0.007     | 0         | 50.7 | 52   | 34.4 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 22   | 17     | 13     | 0.823     | -0.062    | 3.99  | 0.013     | 0.01      | 0         | 50.7 | 52.5 | 32.3 | 152        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 22   | 27     | 13     | 0.843     | -0.026    | 3.99  | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 34   | 153        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 22   | 37     | 13     | 0.837     | -0.026    | 3.99  | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 34   | 153        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 22   | 47     | 13     | 0.876     | -0.043    | 3.993 | 0.013     | 0.01      | 0         | 51.2 | 52   | 33.5 | 153        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 22   | 57     | 13     | 0.84      | -0.056    | 3.993 | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 33.1 | 152        | 156        | 0          | 33     | 34     |
| 2009 | 6     | 30  | 23   | 7      | 13     | 0.856     | -0.056    | 3.993 | 0.013     | 0.01      | 0         | 50.7 | 52.5 | 33.5 | 152        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 23   | 17     | 13     | 0.863     | -0.033    | 3.99  | 0.01      | 0.007     | 0         | 51.2 | 52.5 | 32.3 | 153        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 23   | 27     | 13     | 0.807     | -0.033    | 3.993 | 0.01      | 0.007     | 0         | 50.7 | 52   | 33.1 | 152        | 156        | 0          | 34     | 35     |
| 2009 | 6     | 30  | 23   | 37     | 13     | 0.85      | -0.062    | 3.993 | 0.013     | 0.01      | 0         | 50.7 | 52   | 32.7 | 152        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 23   | 47     | 13     | 0.883     | -0.039    | 3.993 | 0.013     | 0.01      | 0         | 50.7 | 52.5 | 31.4 | 152        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 30  | 23   | 57     | 13     | 0.876     | -0.01     | 3.993 | 0.013     | 0.01      | 0         | 50.7 | 52   | 31.4 | 152        | 155        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 1   | 0    | 4      | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 0    | 14     | 54     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 0    | 24     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 0    | 34     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 0    | 44     | 54     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 0    | 54     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 1    | 4      | 54     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 1    | 14     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 1    | 24     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 1    | 34     | 54     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 1    | 44     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 1    | 54     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 2    | 4      | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12      |
| 2009 | 6     | 1   | 2    | 14     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 2    | 24     | 54     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 2    | 34     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 2    | 44     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 2    | 54     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 3    | 4      | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 3    | 14     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12      |
| 2009 | 6     | 1   | 3    | 24     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 3    | 34     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 3    | 44     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 3    | 54     | 54     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 4    | 4      | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 4    | 14     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 4    | 24     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 4    | 34     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 4    | 44     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12      |
| 2009 | 6     | 1   | 4    | 54     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 5    | 4      | 54     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 5    | 14     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 5    | 24     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 5    | 34     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 5    | 44     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 5    | 54     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 6    | 4      | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 6    | 14     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 6    | 24     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 6    | 34     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 6    | 44     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 6    | 54     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 7    | 4      | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12      |
| 2009 | 6     | 1   | 7    | 14     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 7    | 24     | 54     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 7    | 34     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 7    | 44     | 54     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 7    | 54     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12.2    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 1   | 8    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 8    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 8    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 8    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 8    | 44     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 8    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 9    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 9    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 9    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 9    | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 9    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 9    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 10   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 10   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 10   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 10   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 10   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 10   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 11   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 11   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 11   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 11   | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 11   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 11   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 12   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 12   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 12   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 12   | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 12   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 12   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 13   | 4      | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 13   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 13   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 13   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 13   | 44     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 13   | 54     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 14   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 14   | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 14   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 14   | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 14   | 44     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 14   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 15   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 15   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 15   | 24     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 15   | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 15   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 15   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 1   | 16   | 4      | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 16   | 14     | 54     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 16   | 24     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 16   | 34     | 54     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 16   | 44     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 16   | 54     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 17   | 4      | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 17   | 14     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 17   | 24     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 17   | 34     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 17   | 44     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 17   | 54     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 18   | 4      | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 18   | 14     | 54     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 18   | 24     | 54     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 18   | 34     | 54     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 18   | 44     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 18   | 54     | 54     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 19   | 4      | 54     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 19   | 14     | 54     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 19   | 24     | 54     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 19   | 34     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 19   | 44     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 19   | 54     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 20   | 4      | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 20   | 14     | 54     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 20   | 24     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 20   | 34     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 20   | 44     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 20   | 54     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 21   | 4      | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 21   | 14     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 21   | 24     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 21   | 34     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 21   | 44     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 21   | 54     | 54     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 22   | 4      | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 22   | 14     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 22   | 24     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12      |
| 2009 | 6     | 1   | 22   | 34     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 22   | 44     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 22   | 54     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 23   | 4      | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 23   | 14     | 54     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 23   | 24     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 23   | 34     | 54     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 23   | 44     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 23   | 54     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 2   | 0    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12      |
| 2009 | 6     | 2   | 0    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 0    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 0    | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 0    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12      |
| 2009 | 6     | 2   | 0    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 1    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 1    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 1    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 1    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 1    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 1    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 2    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 2    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 2    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 2    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 2    | 44     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 2    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 3    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12      |
| 2009 | 6     | 2   | 3    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 3    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 3    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 3    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 3    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 4    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 4    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 4    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 4    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 4    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12      |
| 2009 | 6     | 2   | 4    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 5    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 5    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12      |
| 2009 | 6     | 2   | 5    | 24     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 5    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 5    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 5    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 6    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 6    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 6    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 6    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 6    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 6    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 7    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 7    | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 7    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 7    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 7    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 7    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 2   | 8    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 8    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 8    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 8    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 8    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 8    | 54     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 9    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 9    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 9    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 9    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 9    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 9    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 10   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 10   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 10   | 24     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 10   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 10   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 10   | 54     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 11   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 11   | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 11   | 24     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 11   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 11   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 11   | 54     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 12   | 4      | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 12   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 12   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 12   | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 12   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 12   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 13   | 4      | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 13   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 13   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 13   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 13   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 13   | 54     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 14   | 4      | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 14   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 14   | 24     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 14   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 14   | 44     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 14   | 54     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 15   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 15   | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 15   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 15   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 15   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 15   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 2   | 16   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 16   | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 16   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 16   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 16   | 44     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 16   | 54     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 17   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 17   | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 17   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 17   | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 17   | 44     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 17   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 18   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 18   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 18   | 24     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 18   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 18   | 44     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 18   | 54     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 19   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 19   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 19   | 24     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 19   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 19   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 19   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 20   | 4      | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 20   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 20   | 24     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 20   | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 20   | 44     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 20   | 54     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 21   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 21   | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 21   | 24     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 21   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 21   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 21   | 54     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 22   | 4      | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 22   | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 22   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 22   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 22   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 22   | 54     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 23   | 4      | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 23   | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 23   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 23   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 23   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 23   | 54     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 3   | 0    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 0    | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 0    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 0    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 0    | 44     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 0    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 1    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 1    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 1    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 1    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12      |
| 2009 | 6     | 3   | 1    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 1    | 54     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 2    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 2    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 2    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 2    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 2    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 2    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 3    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 3    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 3    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 3    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 3    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 3    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 4    | 4      | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 4    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 4    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 4    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 4    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 4    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12      |
| 2009 | 6     | 3   | 5    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 5    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 5    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 5    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 5    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 5    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12      |
| 2009 | 6     | 3   | 6    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 6    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 6    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 6    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 6    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 6    | 54     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 7    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 7    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 7    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 7    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 7    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 12      |
| 2009 | 6     | 3   | 7    | 54     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 3   | 8    | 4      | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 12      |
| 2009 | 6     | 3   | 8    | 14     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 8    | 24     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 8    | 34     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 8    | 44     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 8    | 54     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 9    | 4      | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 9    | 14     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 9    | 24     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 9    | 34     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 9    | 44     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 9    | 54     | 54     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 10   | 4      | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 10   | 14     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 12      |
| 2009 | 6     | 3   | 10   | 24     | 54     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 10   | 34     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 10   | 44     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 10   | 54     | 54     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 11   | 4      | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 11   | 14     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 11   | 24     | 54     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 11   | 34     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 11   | 44     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 11   | 54     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 12   | 4      | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 12   | 14     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 12   | 24     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12.6    |
| 2009 | 6     | 3   | 12   | 34     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 12.6    |
| 2009 | 6     | 3   | 12   | 44     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 12.6    |
| 2009 | 6     | 3   | 12   | 54     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 12.6    |
| 2009 | 6     | 3   | 13   | 4      | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 13   | 14     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 13   | 24     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 13   | 34     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 13   | 44     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 13   | 54     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 14   | 4      | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 14   | 14     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 14   | 24     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 14   | 34     | 54     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 14   | 44     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 14   | 54     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 15   | 4      | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 15   | 14     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 15   | 24     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 15   | 34     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 15   | 44     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 15   | 54     | 54     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 3   | 16   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 16   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 16   | 24     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 16   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 12      |
| 2009 | 6     | 3   | 16   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 16   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 17   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 17   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 17   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 17   | 34     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 17   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 17   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 18   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 18   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 18   | 24     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 18   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.64       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 18   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 18   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 19   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 19   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 19   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 19   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 19   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 19   | 54     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.2        | 0        | 0              | 12      |
| 2009 | 6     | 3   | 20   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 20   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 12      |
| 2009 | 6     | 3   | 20   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 20   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.99       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 20   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.92       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 20   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 21   | 4      | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 21   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.77       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 21   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.74       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 21   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 21   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 21   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.59       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 22   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.52       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 22   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.48       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 22   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.41       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 22   | 34     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.36       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 22   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.3        | 0        | 0              | 12      |
| 2009 | 6     | 3   | 22   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.25       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 23   | 4      | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.2        | 0        | 0              | 12      |
| 2009 | 6     | 3   | 23   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.14       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 23   | 24     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.09       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 23   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.03       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 23   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 23   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 11.8    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 4   | 0    | 4      | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 0    | 14     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 0    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 0    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 0    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 0    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 1    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 1    | 14     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 1    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 1    | 34     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 1    | 44     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 1    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 2    | 4      | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 2    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 2    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 2    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 2    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 2    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 3    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 3    | 14     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 3    | 24     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 3    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 3    | 44     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 3    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 4    | 4      | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 4    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 4    | 24     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 4    | 34     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 4    | 44     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 4    | 54     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 5    | 4      | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 5    | 14     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 5    | 24     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 5    | 34     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59          | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 5    | 44     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 5    | 54     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 6    | 4      | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 6    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 6    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 6    | 34     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 6    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 6    | 54     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 7    | 4      | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 7    | 14     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.53       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 7    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.51       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 7    | 34     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.5        | 0        | 0              | 12      |
| 2009 | 6     | 4   | 7    | 44     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.48       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 7    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.46       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 4   | 8    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 8    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 8    | 24     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.5        | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 8    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.51       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 8    | 44     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.55       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 8    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.55       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 9    | 4      | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.59       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 9    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.64       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 9    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.69       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 9    | 34     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.75       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 9    | 44     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.8        | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 9    | 54     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.87       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 10   | 4      | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.96       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 10   | 14     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.04       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 10   | 24     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.13       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 10   | 34     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.22       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 10   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.32       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 10   | 54     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.41       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 11   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.52       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 11   | 14     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.63       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 11   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.76       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 11   | 34     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.86       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 11   | 44     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.01       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 11   | 54     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.12       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 12   | 4      | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.26       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 12   | 14     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.4        | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 12   | 24     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.53       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 12   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.69       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 12   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.85       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 12   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.02       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 13   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.16       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 13   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.32       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 13   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.5        | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 13   | 34     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.65       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 13   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.77       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 13   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.93       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 14   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 14   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 14   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 14   | 34     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 14   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 14   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 15   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 15   | 14     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 15   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 15   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 15   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 15   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 4   | 16   | 4      | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 16   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 16   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 16   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 16   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 16   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 17   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 17   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 17   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 17   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 17   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 17   | 54     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 18   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 18   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 18   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 18   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 18   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 18   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 19   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 19   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 19   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 19   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 19   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 19   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 20   | 4      | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 20   | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 20   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 20   | 34     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 20   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 20   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 21   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 21   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 21   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 21   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 21   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 21   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 22   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 22   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 22   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 22   | 34     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 22   | 44     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 22   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 23   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 23   | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 23   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 23   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 23   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 23   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 5   | 0    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.01       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 0    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.93       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 0    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 0    | 34     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.77       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 0    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.72       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 0    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 1    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.59       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 1    | 14     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.54       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 1    | 24     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.48       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 1    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.43       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 1    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.36       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 1    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.3        | 0        | 0              | 12      |
| 2009 | 6     | 5   | 2    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.25       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 2    | 14     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.2        | 0        | 0              | 12      |
| 2009 | 6     | 5   | 2    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.14       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 2    | 34     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.09       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 2    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.03       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 2    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.98       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 3    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.93       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 3    | 14     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 3    | 24     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.82       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 3    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.75       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 3    | 44     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.71       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 3    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.64       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 4    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.6        | 0        | 0              | 12      |
| 2009 | 6     | 5   | 4    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.55       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 4    | 24     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.48       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 4    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.44       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 4    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.37       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 4    | 54     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.31       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 5    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.26       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 5    | 14     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.21       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 5    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.15       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 5    | 34     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.12       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 5    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.06       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 5    | 54     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.03       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 6    | 4      | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.99       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 6    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.97       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 6    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.95       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 6    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.94       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 6    | 44     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.92       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 6    | 54     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.94       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 7    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.94       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 7    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 7    | 24     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 7    | 34     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 7    | 44     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 7    | 54     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.03       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 5   | 8    | 4      | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.03       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 8    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.03       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 8    | 24     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.03       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 8    | 34     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.03       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 8    | 44     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.04       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 8    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 9    | 4      | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 9    | 14     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.12       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 9    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.17       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 9    | 34     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.24       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 9    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.28       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 9    | 54     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.33       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 10   | 4      | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.39       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 10   | 14     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.4        | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 10   | 24     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.44       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 10   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.49       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 10   | 44     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.55       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 10   | 54     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.58       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 11   | 4      | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.67       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 11   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.75       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 11   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.85       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 11   | 34     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.96       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 11   | 44     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.07       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 11   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.18       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 12   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.27       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 12   | 14     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.39       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 12   | 24     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.52       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 12   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.65       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 12   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.77       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 12   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.9        | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 13   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 13   | 14     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 13   | 24     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 13   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 13   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 13   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.64       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 14   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 14   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 14   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 14   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 14   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 14   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 15   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 15   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 15   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 15   | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 15   | 44     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 15   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 5   | 16   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 16   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 16   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 16   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 16   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 16   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 17   | 4      | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 17   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 17   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 17   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 17   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 17   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 18   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 18   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 18   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 18   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 18   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 18   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 19   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 19   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 19   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 19   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 19   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 19   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 20   | 4      | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 20   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 20   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 20   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 20   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 20   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 21   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 21   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 21   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 21   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 21   | 44     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 21   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 22   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 22   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 22   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 22   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 22   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 22   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 23   | 4      | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 23   | 14     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 23   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 23   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 23   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 23   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 6   | 0    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 0    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 0    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 0    | 34     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 0    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 0    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 1    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.11       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 1    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 1    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.01       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 1    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 1    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.9        | 0        | 0              | 12      |
| 2009 | 6     | 6   | 1    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 2    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.81       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 2    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.75       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 2    | 24     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.7        | 0        | 0              | 12      |
| 2009 | 6     | 6   | 2    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 2    | 44     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.61       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 2    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.56       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 3    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.52       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 3    | 14     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.48       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 3    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.43       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 3    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.39       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 3    | 44     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.36       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 3    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.32       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 4    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.29       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 4    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.25       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 4    | 24     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.21       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 4    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.2        | 0        | 0              | 12      |
| 2009 | 6     | 6   | 4    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.16       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 4    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.12       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 5    | 4      | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.11       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 5    | 14     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.07       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 5    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.05       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 5    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.03       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 5    | 44     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.02       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 5    | 54     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61          | 0        | 0              | 12      |
| 2009 | 6     | 6   | 6    | 4      | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.98       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 6    | 14     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.96       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 6    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.94       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 6    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.93       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 6    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.91       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 6    | 54     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 7    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 7    | 14     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 7    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.85       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 7    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.85       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 7    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.85       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 7    | 54     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.84       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 6   | 8    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.84       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 8    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.84       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 8    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.85       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 8    | 34     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 8    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 8    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 9    | 4      | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 9    | 14     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 9    | 24     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 9    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61          | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 9    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 9    | 54     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.05       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 10   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 10   | 14     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.12       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 10   | 24     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.16       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 10   | 34     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.18       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 10   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.21       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 10   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.23       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 11   | 4      | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.29       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 11   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.38       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 11   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.48       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 11   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.59       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 11   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.72       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 11   | 54     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 12   | 4      | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 12   | 14     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 12   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 12   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 12   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 12   | 54     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 13   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 13   | 14     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 13   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 13   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 13   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 13   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 14   | 4      | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 14   | 14     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 14   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 14   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 14   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 14   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 15   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 15   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 15   | 24     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 15   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 15   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 15   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12.8    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 6   | 16   | 4      | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 16   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 16   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 16   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 16   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 16   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 17   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 17   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 17   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 17   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 17   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 17   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 18   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 18   | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 18   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 18   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 18   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 18   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 19   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 19   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 19   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 19   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 19   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 19   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 20   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 20   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 20   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 20   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 20   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 20   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 21   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 21   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 21   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 21   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 21   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 21   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 22   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 22   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 22   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 22   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 22   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 22   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 23   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 23   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 23   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 23   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 23   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 23   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 7   | 0    | 4      | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 0    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 0    | 24     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 0    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 0    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 0    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 1    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 1    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 1    | 24     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 1    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 1    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 1    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 2    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 2    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 2    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 2    | 34     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.19       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 2    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 12      |
| 2009 | 6     | 7   | 2    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 3    | 4      | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 3    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.9        | 0        | 0              | 12      |
| 2009 | 6     | 7   | 3    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 3    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.75       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 3    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 3    | 54     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 4    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.56       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 4    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.5        | 0        | 0              | 12      |
| 2009 | 6     | 7   | 4    | 24     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.43       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 4    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.38       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 4    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.32       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 4    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.29       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 5    | 4      | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.23       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 5    | 14     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.2        | 0        | 0              | 12      |
| 2009 | 6     | 7   | 5    | 24     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.14       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 5    | 34     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.11       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 5    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.07       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 5    | 54     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.03       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 6    | 4      | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61          | 0        | 0              | 12      |
| 2009 | 6     | 7   | 6    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.96       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 6    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.93       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 6    | 34     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.91       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 6    | 44     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.91       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 6    | 54     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 7    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 7    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 7    | 24     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 7    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 7    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 7    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 7   | 8    | 4      | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 8    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 8    | 24     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 8    | 34     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.02       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 8    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.07       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 8    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.12       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 9    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.16       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 9    | 14     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.21       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 9    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.29       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 9    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.38       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 9    | 44     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.45       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 9    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.54       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 10   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 10   | 14     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.72       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 10   | 24     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.81       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 10   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.92       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 10   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 10   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 11   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 11   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 11   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 11   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 11   | 44     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 11   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 12   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 12   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 12   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 12   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 12   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 12   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 13   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 13   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 13   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 13      |
| 2009 | 6     | 7   | 13   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 13      |
| 2009 | 6     | 7   | 13   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 13      |
| 2009 | 6     | 7   | 13   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 13      |
| 2009 | 6     | 7   | 14   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 13      |
| 2009 | 6     | 7   | 14   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 13      |
| 2009 | 6     | 7   | 14   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 13      |
| 2009 | 6     | 7   | 14   | 34     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 14   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 14   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 15   | 4      | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 15   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 15   | 24     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 15   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 15   | 44     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 15   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 7   | 16   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 16   | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 16   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 16   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 16   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 16   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 17   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 17   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 17   | 24     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 17   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 17   | 44     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 17   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 18   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 18   | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 18   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 18   | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 18   | 44     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 18   | 54     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 19   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 19   | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 19   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 19   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 19   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 19   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 20   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 20   | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 20   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 20   | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 20   | 44     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 20   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 21   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 21   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 21   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 21   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 21   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 21   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 22   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 22   | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 22   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 22   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 22   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 22   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 23   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 23   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 23   | 24     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 23   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 23   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 23   | 54     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 8   | 0    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 0    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 0    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 0    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 0    | 44     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 0    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 1    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 1    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 1    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 1    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 1    | 44     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 1    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12      |
| 2009 | 6     | 8   | 2    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 2    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 2    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 2    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 2    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 2    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 3    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 3    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 3    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 3    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 3    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 3    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 4    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 4    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 4    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 4    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 4    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.64       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 4    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 12      |
| 2009 | 6     | 8   | 5    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 5    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 5    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 5    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 5    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 5    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 6    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 6    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 6    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 6    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.2        | 0        | 0              | 12      |
| 2009 | 6     | 8   | 6    | 44     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 6    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.11       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 7    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 12      |
| 2009 | 6     | 8   | 7    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 7    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 7    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 7    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.01       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 7    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 8   | 8    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 8    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 8    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 8    | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 8    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 8    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.19       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 9    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 9    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 9    | 24     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 9    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 9    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 9    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 10   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 10   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 10   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 10   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 10   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 10   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 11   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 11   | 14     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 11   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 11   | 34     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 11   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 11   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 12   | 4      | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 12   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 12   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 12   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 12   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 12   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 13   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 13   | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 13   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 13   | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 13   | 44     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 13   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 14   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 14   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 14   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 14   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 14   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 14   | 54     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 15   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 15   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 15   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 15   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 15   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 15   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 8   | 16   | 4      | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 16   | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 16   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 16   | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 16   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 16   | 54     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 17   | 4      | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 17   | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 17   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 17   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 17   | 44     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 17   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 18   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 18   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 18   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 18   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 18   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 18   | 54     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 19   | 4      | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 19   | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 19   | 24     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 19   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 19   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 19   | 54     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 20   | 4      | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 20   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 20   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 20   | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 20   | 44     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 20   | 54     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 21   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 21   | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 21   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 21   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 21   | 44     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 21   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 22   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 22   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 22   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 22   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 22   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 22   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 23   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 23   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 23   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 23   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 23   | 44     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 23   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 9   | 0    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 0    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 0    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 0    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 0    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 0    | 54     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 1    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 1    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 1    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 1    | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 1    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 1    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 2    | 4      | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 2    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 2    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 2    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 2    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 2    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 3    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 3    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 3    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 3    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 3    | 44     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 3    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 4    | 4      | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 4    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 4    | 24     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12      |
| 2009 | 6     | 9   | 4    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 4    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 4    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 5    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12      |
| 2009 | 6     | 9   | 5    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 5    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 5    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 5    | 44     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 5    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 6    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 6    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 6    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 6    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 6    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 6    | 54     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 7    | 4      | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 7    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 7    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 7    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 7    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 7    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 12.4    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 9   | 8    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 8    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 8    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 8    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 8    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 8    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 9    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 9    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 9    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 9    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 9    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 9    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 10   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 10   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 10   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 10   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 10   | 44     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 10   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 11   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 11   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 13.2    |
| 2009 | 6     | 9   | 11   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 13.2    |
| 2009 | 6     | 9   | 11   | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 13.2    |
| 2009 | 6     | 9   | 11   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 11   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 12   | 4      | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 13.2    |
| 2009 | 6     | 9   | 12   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 12   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 12   | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 12   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 12   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 13   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 13   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 13   | 24     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 13   | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 13   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 13   | 54     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 14   | 4      | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 13.6    |
| 2009 | 6     | 9   | 14   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 13.6    |
| 2009 | 6     | 9   | 14   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 13.6    |
| 2009 | 6     | 9   | 14   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 14   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 13.6    |
| 2009 | 6     | 9   | 14   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 15   | 4      | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 13.6    |
| 2009 | 6     | 9   | 15   | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 15   | 24     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 15   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 15   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 15   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 9   | 16   | 4      | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 16   | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 16   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 16   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 16   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 16   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 17   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 17   | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 17   | 24     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 17   | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 17   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 17   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 18   | 4      | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 18   | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 18   | 24     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 18   | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 18   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 18   | 54     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 19   | 4      | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 19   | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 19   | 24     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 19   | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 19   | 44     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 19   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 20   | 4      | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 20   | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 20   | 24     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 20   | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 20   | 44     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 20   | 54     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 21   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 21   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 21   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 21   | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 21   | 44     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 21   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 22   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 22   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 22   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 22   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 22   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 22   | 54     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 23   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 23   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 23   | 24     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 23   | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 23   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 23   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 10  | 0    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 0    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 0    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 0    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 0    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 0    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 1    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 1    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 1    | 24     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 1    | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 1    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 1    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 2    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 2    | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 2    | 24     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 2    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 2    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 2    | 54     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 3    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 3    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 3    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 3    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 3    | 44     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 3    | 54     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 4    | 4      | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 4    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 4    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 4    | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 4    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 4    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 5    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 5    | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 5    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 5    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 5    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12      |
| 2009 | 6     | 10  | 5    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 6    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 6    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 6    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 6    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 6    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 6    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 7    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 7    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 7    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 7    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 7    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 7    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 10  | 8    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 8    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 8    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 8    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 8    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 8    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 9    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 9    | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 9    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 9    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 9    | 44     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 9    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 10   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 10   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 10   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 10   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 10   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 10   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 11   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 11   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 11   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 11   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 11   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 11   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 12   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 12   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 12   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 12   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 13      |
| 2009 | 6     | 10  | 12   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 13      |
| 2009 | 6     | 10  | 12   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 13      |
| 2009 | 6     | 10  | 13   | 4      | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 13      |
| 2009 | 6     | 10  | 13   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 13   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 13      |
| 2009 | 6     | 10  | 13   | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 13   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 13      |
| 2009 | 6     | 10  | 13   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 13      |
| 2009 | 6     | 10  | 14   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 14   | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 14   | 24     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 14   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 14   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 14   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 15   | 4      | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 15   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 13      |
| 2009 | 6     | 10  | 15   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 15   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 15   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 15   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 10  | 16   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 16   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 16   | 24     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 16   | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 16   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 16   | 54     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 17   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 17   | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 17   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 17   | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 17   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 17   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 18   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 18   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 18   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 18   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 18   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 18   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 19   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 19   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 19   | 24     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 19   | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 19   | 44     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 19   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 20   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 20   | 14     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 20   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 20   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 20   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 20   | 54     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 21   | 4      | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 21   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 21   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 21   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 21   | 44     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 21   | 54     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 22   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 22   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 22   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 22   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 22   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 22   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 23   | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 23   | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 23   | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 23   | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 23   | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 23   | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 11  | 0    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 0    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12      |
| 2009 | 6     | 11  | 0    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 0    | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 0    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 0    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 1    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 1    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 1    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 1    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 1    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 1    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 2    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 2    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 2    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 2    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 2    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 2    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12      |
| 2009 | 6     | 11  | 3    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 3    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 3    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 3    | 34     | 54     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 3    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 3    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 12      |
| 2009 | 6     | 11  | 4    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 4    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 4    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 4    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 4    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 4    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 5    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 5    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 5    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 5    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 5    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 5    | 54     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 6    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 6    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 6    | 24     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 6    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 6    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 6    | 54     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 7    | 4      | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 7    | 14     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 7    | 24     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 7    | 34     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 7    | 44     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 7    | 54     | 54     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 11  | 8    | 4      | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 8    | 14     | 54     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 8    | 33     | 17     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 8    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 8    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 9    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 9    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 9    | 23     | 17     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 9    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 9    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 9    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 10   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 10   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 10   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 10   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 10   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 10   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 11   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 11   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 11   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 13      |
| 2009 | 6     | 11  | 11   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 11   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 11   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 12   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 12   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 13.2    |
| 2009 | 6     | 11  | 12   | 23     | 17     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 13.2    |
| 2009 | 6     | 11  | 12   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 12   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 12   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 13   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 13   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 13   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 13   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 13   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 13   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 14   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 14   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 14   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 14   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 14   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 14   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 15   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 15   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 15   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 13.6    |
| 2009 | 6     | 11  | 15   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 15   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 13.6    |
| 2009 | 6     | 11  | 15   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 16   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 13.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 11  | 16   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 13.2    |
| 2009 | 6     | 11  | 16   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 13.2    |
| 2009 | 6     | 11  | 16   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 16   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 16   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 17   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 17   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 17   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 17   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 17   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 17   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 18   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 18   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 18   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 18   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 18   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 18   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 19   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 19   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 19   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 19   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 19   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 19   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 20   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 20   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 20   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 20   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 20   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 20   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 21   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 21   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 21   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 21   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 21   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 21   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 22   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 22   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 22   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 22   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 22   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 22   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 23   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 23   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 23   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 23   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 23   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 23   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 0    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.2    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 12  | 0    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 0    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 0    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 0    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 0    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 1    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 1    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 1    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 1    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 1    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 1    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 2    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 2    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 2    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 2    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 2    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 2    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 3    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 3    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 3    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 3    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 3    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 3    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 4    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 4    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 4    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 4    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 4    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 4    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 5    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 5    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 5    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 5    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 5    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 5    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 6    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 6    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 6    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 6    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 6    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 6    | 53     | 17     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 7    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 7    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 7    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 7    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 7    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 7    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 8    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 12  | 8    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 8    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 8    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 8    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 8    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 9    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 9    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 9    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 9    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 9    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 9    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 10   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 10   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 10   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 10   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 10   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 10   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 11   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 11   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 11   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 11   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 11   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 11   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 12   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 12   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 13      |
| 2009 | 6     | 12  | 12   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 12   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 12   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 13.2    |
| 2009 | 6     | 12  | 12   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 13   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 13   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 13.2    |
| 2009 | 6     | 12  | 13   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 13.2    |
| 2009 | 6     | 12  | 13   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 13.2    |
| 2009 | 6     | 12  | 13   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 13   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 14   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 14   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 14   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 14   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 14   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 13.2    |
| 2009 | 6     | 12  | 14   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 15   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 15   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 15   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 15   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 15   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 15   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 16   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 12  | 16   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 16   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 16   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 16   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 16   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 17   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 17   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 17   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 17   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 17   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 17   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 18   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 18   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 18   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 18   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 18   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 18   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 19   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 19   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 19   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 19   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 19   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 19   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 20   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 20   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 20   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 20   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 20   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 20   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 21   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 21   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 21   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 21   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 21   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 21   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 22   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 22   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 22   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 22   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 22   | 43     | 17     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 22   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 23   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 23   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 23   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 23   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 23   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 23   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 0    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 13  | 0    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 0    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 0    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 0    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 0    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 1    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 1    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 1    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 1    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 1    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 1    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 2    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 2    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 2    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 2    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 2    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 2    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 3    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 3    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 3    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12      |
| 2009 | 6     | 13  | 3    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 3    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 3    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 4    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 4    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12      |
| 2009 | 6     | 13  | 4    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 4    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 4    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 4    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 5    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12      |
| 2009 | 6     | 13  | 5    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 5    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 5    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 5    | 43     | 17     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 5    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 6    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 6    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 6    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 6    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 6    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 6    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 7    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 7    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12      |
| 2009 | 6     | 13  | 7    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 7    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 7    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 7    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 8    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 13  | 8    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 8    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 8    | 33     | 17     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 8    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 8    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 9    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 9    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 9    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 9    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 9    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 9    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 10   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 10   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 10   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 10   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 10   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 10   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 11   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 13      |
| 2009 | 6     | 13  | 11   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 13      |
| 2009 | 6     | 13  | 11   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 13      |
| 2009 | 6     | 13  | 11   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 13      |
| 2009 | 6     | 13  | 11   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 11   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 12   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 13      |
| 2009 | 6     | 13  | 12   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 12   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 12   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 12   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 12   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 13   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 13      |
| 2009 | 6     | 13  | 13   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 13      |
| 2009 | 6     | 13  | 13   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 13   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 13   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 13   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 14   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 13.6    |
| 2009 | 6     | 13  | 14   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 14   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 14   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 13.6    |
| 2009 | 6     | 13  | 14   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 14   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 15   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 15   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 13.6    |
| 2009 | 6     | 13  | 15   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 13.6    |
| 2009 | 6     | 13  | 15   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 13.6    |
| 2009 | 6     | 13  | 15   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 13.6    |
| 2009 | 6     | 13  | 15   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 13.6    |
| 2009 | 6     | 13  | 16   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 13.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 13  | 16   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 16   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 13.6    |
| 2009 | 6     | 13  | 16   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 13.6    |
| 2009 | 6     | 13  | 16   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 16   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 13      |
| 2009 | 6     | 13  | 17   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 17   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 17   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 17   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 17   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 17   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 18   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 18   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 18   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 18   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 18   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 18   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 19   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 19   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 19   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 19   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 19   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 19   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 20   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 20   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 20   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 20   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 20   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 20   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 21   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 21   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 21   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 21   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 21   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 21   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 22   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 22   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 22   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 22   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 22   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 22   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 23   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 23   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 23   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 23   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 23   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 23   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 0    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 14  | 0    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 0    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 0    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 0    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 0    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 1    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 1    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 1    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 1    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 1    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 1    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 2    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 2    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 2    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 2    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 2    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 2    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 3    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 3    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 3    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 3    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 3    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12      |
| 2009 | 6     | 14  | 3    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 4    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 4    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12      |
| 2009 | 6     | 14  | 4    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 4    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 4    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12      |
| 2009 | 6     | 14  | 4    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 5    | 3      | 17     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 5    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 5    | 23     | 17     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 5    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12      |
| 2009 | 6     | 14  | 5    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 5    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 6    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 6    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 6    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 6    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 6    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 6    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 7    | 3      | 17     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 7    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 7    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 7    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 7    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 7    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 8    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 14  | 8    | 13     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 8    | 23     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 8    | 33     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 8    | 43     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 8    | 53     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 9    | 3      | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 9    | 13     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 9    | 23     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 9    | 33     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 9    | 43     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 9    | 53     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 10   | 3      | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 10   | 13     | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 10   | 23     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 10   | 33     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 10   | 43     | 17     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 10   | 53     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 11   | 3      | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 11   | 13     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 11   | 23     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 11   | 33     | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 11   | 43     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 11   | 53     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 12   | 3      | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 12   | 13     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 12   | 23     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 12   | 33     | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 12   | 43     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 12   | 53     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 13   | 3      | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 13   | 13     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 13   | 23     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 13   | 33     | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 13   | 43     | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 13   | 53     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 14   | 3      | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 14   | 13     | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 14   | 23     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 14   | 33     | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 14   | 43     | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 14   | 53     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 15   | 3      | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 15   | 13     | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 15   | 23     | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 15   | 33     | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 15   | 43     | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 15   | 53     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 16   | 3      | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 13.4    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 14  | 16   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 16   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 16   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 16   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 16   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 17   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 17   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 17   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 17   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 17   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 17   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 18   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 18   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 18   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 18   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 18   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 18   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 19   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 19   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 19   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 19   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 19   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 19   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 20   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 20   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 20   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 20   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 20   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 20   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 21   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 21   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 21   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 21   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 21   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 21   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 22   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 22   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 22   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 22   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 22   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 22   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 23   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 23   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 23   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 23   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 23   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 23   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 0    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 15  | 0    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 0    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 0    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 0    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 0    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 1    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 1    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 1    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 1    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 1    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 1    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 2    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 2    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 2    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 2    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 2    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 2    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 3    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 3    | 13     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 3    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 3    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 3    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 3    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 4    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 4    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 4    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 4    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 4    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 4    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 5    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 5    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 5    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 5    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 5    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 5    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 6    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 6    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 6    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 6    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 6    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 6    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 7    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 7    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 7    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 7    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 7    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 7    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 8    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 15  | 8    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 8    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 8    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 8    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 8    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 9    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 9    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 9    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 9    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 9    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 9    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 10   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 10   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 10   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 10   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 10   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 10   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 11   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 11   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 11   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 13      |
| 2009 | 6     | 15  | 11   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 13      |
| 2009 | 6     | 15  | 11   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 11   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 13      |
| 2009 | 6     | 15  | 12   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 13      |
| 2009 | 6     | 15  | 12   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 12   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 12   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 12   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 12   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 13   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 13   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 13   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 13   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 13   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 13   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 14   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 14   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 14   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 14   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 14   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 14   | 53     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 15   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 15   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 15   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 15   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 15   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 15   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 16   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 15  | 16   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 16   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 16   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 16   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 16   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 17   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 17   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 17   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 17   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 17   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 17   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 18   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 18   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 18   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 18   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 18   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 18   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 19   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 19   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 19   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 19   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 19   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 19   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 20   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 20   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 20   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 20   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 20   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 20   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 21   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 21   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 21   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 21   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 21   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 21   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 22   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 22   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 22   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 22   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 22   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 22   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 23   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 23   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 23   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 23   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 23   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 23   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12      |
| 2009 | 6     | 16  | 0    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 16  | 0    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 0    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 0    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 0    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 0    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 1    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 1    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 1    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12      |
| 2009 | 6     | 16  | 1    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 1    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 1    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 2    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12      |
| 2009 | 6     | 16  | 2    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 2    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 2    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 2    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12      |
| 2009 | 6     | 16  | 2    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 3    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 3    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 3    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 3    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 3    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 3    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 4    | 3      | 17     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12      |
| 2009 | 6     | 16  | 4    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 4    | 23     | 17     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 4    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 4    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 4    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 5    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 5    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 5    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 5    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 5    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 5    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 6    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 12      |
| 2009 | 6     | 16  | 6    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 6    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 6    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 6    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 6    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 7    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 7    | 13     | 17     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 7    | 23     | 17     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 7    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 7    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 7    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 8    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 16  | 8    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 8    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 8    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 8    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 8    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 9    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 9    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 9    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 9    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 9    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 9    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 10   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 10   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 10   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 10   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 10   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 10   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 11   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 11   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 11   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 11   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 11   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 11   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 12   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 12   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 12   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 12   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 12   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 12   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 13   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 13   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 13   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 13   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 13   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 13   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 14   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 14   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 14   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 14   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 14   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 14   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 15   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 15   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 15   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 15   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 15   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 15   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 16   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 16  | 16   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 16   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 16   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 16   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 16   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 17   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 17   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 17   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 17   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 17   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 17   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 18   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 18   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 18   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 18   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 18   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 18   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 19   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 19   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 19   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 19   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 19   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 19   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 20   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 20   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 20   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 20   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 20   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 20   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 21   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 21   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 21   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 21   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 21   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 21   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 22   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 22   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 22   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 22   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 22   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 22   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 23   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 23   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 23   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 23   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 23   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 23   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 0    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 17  | 0    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 0    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 0    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 0    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 0    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 1    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 1    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 1    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 1    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 1    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 1    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 2    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 2    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12      |
| 2009 | 6     | 17  | 2    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 2    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 2    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 2    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 3    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 3    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 3    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12      |
| 2009 | 6     | 17  | 3    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 3    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 3    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 4    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 4    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 4    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12      |
| 2009 | 6     | 17  | 4    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 4    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 4    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12      |
| 2009 | 6     | 17  | 5    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 5    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 5    | 23     | 17     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 5    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 5    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 5    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 6    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 6    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 6    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 6    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 6    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 6    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 7    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 7    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 7    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 7    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 12      |
| 2009 | 6     | 17  | 7    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 7    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 8    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 12.2    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 17  | 8    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 8    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 8    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 8    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 8    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 9    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 9    | 13     | 17     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 9    | 23     | 17     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 9    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 9    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 9    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 10   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 10   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 10   | 23     | 17     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 10   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 10   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 10   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 11   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 11   | 13     | 17     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 11   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 11   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 11   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 11   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 13      |
| 2009 | 6     | 17  | 12   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 13      |
| 2009 | 6     | 17  | 12   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 12   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 12   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 12   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 13      |
| 2009 | 6     | 17  | 12   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 13      |
| 2009 | 6     | 17  | 13   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 13   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 13   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 13      |
| 2009 | 6     | 17  | 13   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 13      |
| 2009 | 6     | 17  | 13   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 13      |
| 2009 | 6     | 17  | 13   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 14   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 14   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 14   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 14   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 14   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 14   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 15   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 15   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 15   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 15   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 15   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 15   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 16   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 17  | 16   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 16   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 16   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 16   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 16   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 17   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 17   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 17   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 17   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 17   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 17   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 18   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 18   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 18   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 18   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 18   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 18   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 19   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 19   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 19   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 19   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 19   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 19   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 20   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 20   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 20   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 20   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 20   | 43     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 20   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 21   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 21   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 21   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 21   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 21   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 21   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 22   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 22   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 22   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 22   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 22   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 22   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 23   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 23   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 23   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 23   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 23   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 23   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 0    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 18  | 0    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 0    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 0    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 0    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 0    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 1    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 1    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 1    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 1    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 1    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 1    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 2    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 2    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 2    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 2    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 2    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 2    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 3    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 3    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 3    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 3    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 3    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 3    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 4    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 4    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 4    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 4    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 4    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 4    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 5    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 5    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 5    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 5    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 5    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 5    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 6    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 6    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 6    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 6    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 6    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 6    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12      |
| 2009 | 6     | 18  | 7    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 7    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 7    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 7    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 7    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 7    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 8    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 18  | 8    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 8    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 8    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 8    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 8    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 9    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 9    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 9    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 9    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 9    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 9    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 10   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 10   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 10   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 10   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 10   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 10   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 11   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 11   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 11   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 11   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 11   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 11   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 12   | 3      | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 12   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 12   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 13      |
| 2009 | 6     | 18  | 12   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 12   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 13      |
| 2009 | 6     | 18  | 12   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 13   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 13   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 13   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 13   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 13   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 13   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 14   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 14   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 14   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 14   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 14   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 14   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 15   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 15   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 15   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 15   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 15   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 15   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 16   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.28       | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 18  | 16   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 16   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.44       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 16   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 16   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 16   | 53     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.64       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 17   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.67       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 17   | 13     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.74       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 17   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.8        | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 17   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.83       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 17   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.89       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 17   | 53     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.91       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 18   | 3      | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.94       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 18   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 18   | 23     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 18   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.01       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 18   | 43     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.01       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 18   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 19   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 19   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 19   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 19   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 19   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 19   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 20   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 20   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 20   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 20   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 20   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 20   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 21   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 21   | 13     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 21   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 21   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 21   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 21   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 22   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 22   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 22   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 22   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 22   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 22   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 23   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 23   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 23   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 23   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 23   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 23   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 0    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 19  | 0    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 0    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 0    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 0    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 0    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 1    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 1    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 1    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 1    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 1    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 1    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 2    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 2    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 2    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 2    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 2    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 2    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 3    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 3    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 3    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 3    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 3    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 3    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 4    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 4    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 4    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 4    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 4    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 4    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 5    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 5    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12      |
| 2009 | 6     | 19  | 5    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 5    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 5    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 5    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 6    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 6    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 6    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 6    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 6    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 6    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 7    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 7    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 7    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 7    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 7    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 7    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 8    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 19  | 8    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 8    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 8    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 8    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 8    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 9    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 9    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 9    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 9    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 9    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 9    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 10   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 10   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 10   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 10   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 10   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 10   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 11   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 11   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 11   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 11   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 11   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 11   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 12   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 12   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 12   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 12   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 12   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 12   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 13.4    |
| 2009 | 6     | 19  | 13   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 13.4    |
| 2009 | 6     | 19  | 13   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 13      |
| 2009 | 6     | 19  | 13   | 23     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 13   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 13   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 13.4    |
| 2009 | 6     | 19  | 13   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 14   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 14   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.38       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 14   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 14   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 14   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.67       | 0        | 0              | 13.4    |
| 2009 | 6     | 19  | 14   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.82       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 15   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.85       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 15   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.89       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 15   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.94       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 15   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 15   | 43     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.01       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 15   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 16   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.1        | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 19  | 16   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.14       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 16   | 23     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.16       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 16   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.23       | 0        | 0              | 13.4    |
| 2009 | 6     | 19  | 16   | 43     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.28       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 16   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.32       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 17   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 17   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 17   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.32       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 17   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.32       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 17   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.28       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 17   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.27       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 18   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.23       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 18   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.21       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 18   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.16       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 18   | 33     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 18   | 43     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 18   | 53     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 19   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 19   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 19   | 23     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 19   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 19   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 19   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 20   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 20   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 20   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 20   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 20   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 20   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 21   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 21   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 21   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 21   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 21   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 21   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 22   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 22   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 22   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 22   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 22   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 22   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 23   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 23   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 23   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 23   | 33     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 23   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 23   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 0    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 12.2    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 20  | 0    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 0    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 0    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 0    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 0    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 1    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 1    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 1    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 1    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 1    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 1    | 53     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 2    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 2    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 2    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 2    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 2    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 2    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 3    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 3    | 13     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12      |
| 2009 | 6     | 20  | 3    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 3    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 3    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 3    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12      |
| 2009 | 6     | 20  | 4    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 4    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 4    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 4    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 4    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 4    | 53     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 5    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 5    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 5    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 5    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 5    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 5    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 6    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 6    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 6    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 6    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12      |
| 2009 | 6     | 20  | 6    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 6    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 7    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 7    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 7    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 7    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 7    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 7    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 8    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 20  | 8    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 8    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 8    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 8    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 8    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 9    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 9    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 9    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 9    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 9    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 9    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 10   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 10   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 10   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 10   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 10   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 10   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 11   | 3      | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 11   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 11   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 11   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 11   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 11   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 12   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 12   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 12   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 12   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 12   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 12   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 13   | 3      | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 13   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 13   | 23     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 13   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 13   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 13   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.73       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 14   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.89       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 14   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 14   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.18       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 14   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.3        | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 14   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.43       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 14   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.55       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 15   | 3      | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.68       | 0        | 0              | 13.4    |
| 2009 | 6     | 20  | 15   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.81       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 15   | 23     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.91       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 15   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.02       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 15   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.13       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 15   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.22       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 16   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 13.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 20  | 16   | 13     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.36       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 16   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.42       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 16   | 33     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.49       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 16   | 43     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.54       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 16   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.58       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 17   | 3      | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.6        | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 17   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.63       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 17   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.63       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 17   | 33     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.63       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 17   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 17   | 53     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 18   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 18   | 13     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 18   | 23     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.63       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 18   | 33     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.63       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 18   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.62       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 18   | 53     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.6        | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 19   | 3      | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.56       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 19   | 13     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 19   | 23     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 19   | 33     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 19   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 19   | 53     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 20   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 20   | 13     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 20   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 20   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 20   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 20   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73          | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 21   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 21   | 13     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 21   | 23     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 21   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 21   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 21   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 22   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 22   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 22   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 22   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 22   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 22   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 23   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 23   | 13     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 23   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 23   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 23   | 43     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 23   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 0    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 21  | 0    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 0    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 0    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 0    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 0    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 1    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 1    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 1    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 1    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 1    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 1    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 2    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 2    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 2    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 2    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 2    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 2    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 3    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 3    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 3    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12      |
| 2009 | 6     | 21  | 3    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 3    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 3    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 4    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 4    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 4    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 4    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 4    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 4    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 5    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12      |
| 2009 | 6     | 21  | 5    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 5    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 5    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 5    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 5    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 6    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12      |
| 2009 | 6     | 21  | 6    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 6    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 6    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 6    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 6    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 7    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 7    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 7    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 7    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 7    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 7    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 8    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 21  | 8    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 8    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 8    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 8    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 8    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 9    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 9    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 9    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 9    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 9    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 9    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 10   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 10   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 10   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 10   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 10   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 10   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 11   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 13      |
| 2009 | 6     | 21  | 11   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 11   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 13      |
| 2009 | 6     | 21  | 11   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 11   | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 11   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 12   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 12   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 12   | 23     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 12   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 12   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 12   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 13   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 13   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 13   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 13   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 13   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 13   | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 14   | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 14   | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 14   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 14   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 14   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 14   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 15   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 15   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 15   | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 15   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 15   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 15   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 16   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 13.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 21  | 16   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 16   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.38       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 16   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.44       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 16   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 16   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 17   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.53       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 17   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.53       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 17   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 17   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 17   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 17   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 18   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 18   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.53       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 18   | 23     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 18   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 18   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 18   | 53     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 19   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 19   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 19   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 19   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 19   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 19   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 20   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 20   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 20   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 20   | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 20   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 20   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 21   | 3      | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 21   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 21   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 21   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 21   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 21   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 22   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 22   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 22   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 22   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 22   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 22   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 23   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 23   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 23   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 23   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 23   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 23   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 0    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 22  | 0    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 0    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 0    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 0    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 0    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 1    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 1    | 13     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 1    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 1    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 1    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 1    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 2    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 2    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 2    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 2    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 2    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 2    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 3    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 3    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 3    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 3    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 3    | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 3    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 4    | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 4    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 4    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 4    | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 4    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 4    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 5    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 5    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 5    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 5    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 5    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 5    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 6    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 6    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 6    | 23     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 6    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 6    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 6    | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 7    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 7    | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 7    | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 7    | 33     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 7    | 43     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 7    | 53     | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 8    | 3      | 17     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 22  | 8    | 13     | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 8    | 23     | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 8    | 33     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 8    | 43     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 8    | 53     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 9    | 3      | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 9    | 13     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 9    | 23     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 9    | 33     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 9    | 43     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 9    | 53     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 10   | 3      | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 10   | 13     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 10   | 23     | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 10   | 33     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 10   | 43     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 10   | 53     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 13      |
| 2009 | 6     | 22  | 11   | 3      | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 11   | 13     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 11   | 23     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 11   | 33     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 13      |
| 2009 | 6     | 22  | 11   | 43     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 11   | 53     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 12   | 3      | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 12   | 13     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 13      |
| 2009 | 6     | 22  | 12   | 23     | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 12   | 33     | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 12   | 43     | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 12   | 53     | 17     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 13   | 3      | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 13   | 13     | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 13   | 23     | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 13   | 33     | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 13   | 43     | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 13   | 53     | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 14   | 3      | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 14   | 13     | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 14   | 23     | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 14   | 33     | 17     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 14   | 43     | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 14   | 53     | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 15   | 3      | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 15   | 13     | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 15   | 23     | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 15   | 33     | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 15   | 43     | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 15   | 53     | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 16   | 3      | 17     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 13.4    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 22  | 16   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 16   | 23     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 16   | 33     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 16   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 16   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 17   | 3      | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 17   | 13     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 17   | 23     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 17   | 33     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 17   | 43     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 17   | 53     | 17     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 10   | 32     | 5      | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 10   | 42     | 5      | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 10   | 52     | 5      | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 11   | 2      | 5      | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 11   | 12     | 5      | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 11   | 22     | 5      | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 11   | 32     | 5      | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 11   | 42     | 5      | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 11   | 52     | 5      | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 12   | 2      | 5      | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 12   | 7      | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 12   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 12   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 12   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 12   | 47     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 12   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 13   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 13   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 13   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 13   | 37     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 13   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 13   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 14   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 14   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 14   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 14   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 14   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 14   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 15   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 15   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 15   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 15   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 15   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 15   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 16   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 16   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 16   | 27     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 13.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 23  | 16   | 37     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.28       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 16   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 13      |
| 2009 | 6     | 23  | 16   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 17   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 17   | 17     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 17   | 27     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 17   | 37     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 17   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 17   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 7      | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 7      | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 21   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 21   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 21   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 21   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 21   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 21   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 22   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 22   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 22   | 27     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 22   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 22   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 22   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 23   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 23   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 23   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 23   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 23   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 23   | 57     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 0    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 0    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 0    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 24  | 0    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 0    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 0    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 1    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 57     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 27     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 4    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12      |
| 2009 | 6     | 24  | 4    | 17     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 4    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 4    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 4    | 47     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 4    | 57     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 5    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 5    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 5    | 27     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 5    | 37     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 5    | 47     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 5    | 57     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12      |
| 2009 | 6     | 24  | 6    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 6    | 17     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 6    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 6    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 6    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 6    | 57     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 7    | 7      | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 7    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 7    | 27     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 7    | 37     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 7    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 7    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 8    | 7      | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 8    | 17     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 8    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 24  | 8    | 37     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 8    | 47     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 8    | 57     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 9    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 9    | 17     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 9    | 27     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 9    | 37     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 9    | 47     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 9    | 57     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 10   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 10   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 10   | 27     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 10   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 10   | 47     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 10   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 11   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 11   | 17     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 11   | 27     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 11   | 37     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 11   | 47     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 11   | 57     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 12   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 12   | 17     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 12   | 27     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 12   | 37     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 12   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 13      |
| 2009 | 6     | 24  | 12   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 13      |
| 2009 | 6     | 24  | 13   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 13      |
| 2009 | 6     | 24  | 13   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 13      |
| 2009 | 6     | 24  | 13   | 27     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 13      |
| 2009 | 6     | 24  | 13   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 13.4    |
| 2009 | 6     | 24  | 13   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 13.4    |
| 2009 | 6     | 24  | 13   | 57     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 13.4    |
| 2009 | 6     | 24  | 14   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 13.4    |
| 2009 | 6     | 24  | 14   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 13.4    |
| 2009 | 6     | 24  | 14   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 13.4    |
| 2009 | 6     | 24  | 14   | 37     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 13.4    |
| 2009 | 6     | 24  | 14   | 47     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 13.4    |
| 2009 | 6     | 24  | 14   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 13.4    |
| 2009 | 6     | 24  | 15   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 13.4    |
| 2009 | 6     | 24  | 15   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 13.4    |
| 2009 | 6     | 24  | 15   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 13.4    |
| 2009 | 6     | 24  | 15   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 13.4    |
| 2009 | 6     | 24  | 15   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 13.4    |
| 2009 | 6     | 24  | 15   | 57     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 13.4    |
| 2009 | 6     | 24  | 16   | 7      | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 13.4    |
| 2009 | 6     | 24  | 16   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 13.4    |
| 2009 | 6     | 24  | 16   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 13.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 24  | 16   | 37     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 13.4    |
| 2009 | 6     | 24  | 16   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 13      |
| 2009 | 6     | 24  | 16   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 17   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 17   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 17   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 17   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 17   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 17   | 57     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 18   | 7      | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 18   | 17     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 18   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 18   | 37     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 18   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 18   | 57     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 57     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 21   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 21   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 21   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 21   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 21   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 21   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 22   | 7      | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 22   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 22   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 22   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 22   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 22   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 23   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 23   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 23   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 23   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 23   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 23   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 0    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 0    | 17     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 0    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 25  | 0    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 0    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 0    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 7      | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 27     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 7      | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 27     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 27     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 47     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 7      | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 27     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 37     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 47     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 5    | 7      | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 5    | 17     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 5    | 27     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 5    | 37     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 5    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 5    | 57     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 6    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 6    | 17     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 6    | 27     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 6    | 37     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 6    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 6    | 57     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 7    | 7      | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 7    | 17     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 7    | 27     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 7    | 37     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 7    | 47     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 7    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 8    | 7      | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 8    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 8    | 27     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 25  | 8    | 37     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 8    | 47     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 8    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 9    | 7      | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 9    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 9    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 9    | 37     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 9    | 47     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 9    | 57     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 10   | 7      | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 10   | 17     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 10   | 27     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 10   | 37     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 10   | 47     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 10   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 11   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 11   | 17     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 11   | 27     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 11   | 37     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 11   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 11   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 12   | 7      | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 12   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 12   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 12   | 37     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 12   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 12   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 13   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 13   | 17     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 13      |
| 2009 | 6     | 25  | 13   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 13      |
| 2009 | 6     | 25  | 13   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 13   | 47     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 13   | 57     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 14   | 7      | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 13.4    |
| 2009 | 6     | 25  | 14   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 13.4    |
| 2009 | 6     | 25  | 14   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 13.4    |
| 2009 | 6     | 25  | 14   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 13.4    |
| 2009 | 6     | 25  | 14   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 13.4    |
| 2009 | 6     | 25  | 14   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 13.4    |
| 2009 | 6     | 25  | 15   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 13.4    |
| 2009 | 6     | 25  | 15   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 13.4    |
| 2009 | 6     | 25  | 15   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 13.4    |
| 2009 | 6     | 25  | 15   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 13.4    |
| 2009 | 6     | 25  | 15   | 47     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 13.4    |
| 2009 | 6     | 25  | 15   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 13.4    |
| 2009 | 6     | 25  | 16   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 13.4    |
| 2009 | 6     | 25  | 16   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 13.4    |
| 2009 | 6     | 25  | 16   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 13.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 25  | 16   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 13.4    |
| 2009 | 6     | 25  | 16   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 16   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 13      |
| 2009 | 6     | 25  | 17   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 17   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 17   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 17   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 17   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 17   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 18   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 18   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 18   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 18   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 18   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 18   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 7      | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 21   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 21   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 21   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 21   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 21   | 47     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 21   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 22   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 22   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 22   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 22   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 22   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 22   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 23   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 23   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 23   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 23   | 37     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 23   | 47     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 23   | 57     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 0    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 0    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 0    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12.2    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 26  | 0    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 0    | 47     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 0    | 57     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 1    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 1    | 17     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 7      | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 17     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 47     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 17     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 57     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 37     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 47     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 57     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 5    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 5    | 17     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 5    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 5    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 5    | 47     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 5    | 57     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 6    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 6    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 6    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 6    | 37     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 6    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 6    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 7    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 7    | 17     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 7    | 27     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 7    | 37     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 7    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 7    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 8    | 7      | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 8    | 17     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 8    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 26  | 8    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 8    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 8    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 9    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 9    | 17     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 9    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 9    | 37     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 9    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 9    | 57     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 10   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 10   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 10   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 10   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 10   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 10   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 11   | 7      | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 11   | 17     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 11   | 27     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 11   | 37     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 11   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 11   | 57     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 12   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 12   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 12   | 27     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 12   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 12   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 12   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 13   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 13   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 13   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 13   | 37     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 13   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 13   | 57     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 14   | 7      | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 14   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 14   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 14   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 14   | 47     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 14   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.44       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 15   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 15   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.67       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 15   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 15   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.89       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 15   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 15   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 16   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.14       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 16   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.21       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 16   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.28       | 0        | 0              | 13.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 26  | 16   | 37     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 16   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.39       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 16   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.45       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 17   | 7      | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.48       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 17   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.52       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 17   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.55       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 17   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 17   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.61       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 17   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.63       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 18   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 18   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 18   | 27     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 18   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 18   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 18   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 27     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 21   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 21   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 21   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 21   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 21   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 21   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 22   | 7      | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 22   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 22   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 22   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 22   | 47     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 22   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 23   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 23   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 23   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 23   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 23   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 23   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 0    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 0    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 0    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 27  | 0    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 0    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 0    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 37     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 4    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 4    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 4    | 27     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 4    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 4    | 47     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 4    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 5    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 5    | 17     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 5    | 27     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 5    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 5    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 5    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 6    | 7      | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12      |
| 2009 | 6     | 27  | 6    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 6    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 6    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 6    | 47     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 6    | 57     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 7    | 7      | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 7    | 17     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 7    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 7    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 7    | 47     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 7    | 57     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 8    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 8    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 8    | 27     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 27  | 8    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 8    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 8    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 9    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 9    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 9    | 27     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 9    | 37     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 9    | 47     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 9    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 10   | 7      | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 10   | 17     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 10   | 27     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 10   | 37     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 10   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 10   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 11   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 11   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 11   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 11   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 11   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 11   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 12   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 12   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 12   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 12   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 12   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 12   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 13   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 13   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 13   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 13   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 13   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 13   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 14   | 7      | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 14   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.64       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 14   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 14   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.92       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 14   | 47     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 14   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.16       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 15   | 7      | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.28       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 15   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.39       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 15   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.48       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 15   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.59       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 15   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.68       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 15   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.75       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 16   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.84       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 16   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.91       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 16   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.99       | 0        | 0              | 13.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 27  | 16   | 37     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.04       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 16   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.08       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 16   | 57     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.13       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 17   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 17   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.2        | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 17   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.22       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 17   | 37     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.24       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 17   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.26       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 17   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.26       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 18   | 7      | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 18   | 17     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 18   | 27     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 18   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 18   | 47     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 18   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 17     | 13     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 37     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73          | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 17     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 57     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 21   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 21   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 21   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 21   | 37     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 21   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 21   | 57     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 22   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 22   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 22   | 27     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 22   | 37     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 22   | 47     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 22   | 57     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 23   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 23   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 23   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 23   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 23   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 23   | 57     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 0    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 0    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 0    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 28  | 0    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 0    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 0    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 7      | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 17     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 37     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 57     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 4    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 4    | 17     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 4    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 4    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 4    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 4    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 5    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 5    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 5    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 5    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 5    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 5    | 57     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 6    | 7      | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 6    | 17     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 6    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 6    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 6    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 6    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 7    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 7    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 7    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 7    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 7    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 7    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 8    | 7      | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 8    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 8    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 28  | 8    | 37     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 8    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 8    | 57     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 9    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 9    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 9    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 9    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 9    | 47     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 9    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 10   | 7      | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 10   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 10   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 10   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 10   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 10   | 57     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 11   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 11   | 17     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 11   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 11   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 11   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 11   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 12   | 7      | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 12   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 12   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 12   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 12   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 12   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 13   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 13   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 13   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.67       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 13   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.83       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 13   | 47     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 13      |
| 2009 | 6     | 28  | 13   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.16       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 14   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.32       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 14   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.46       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 14   | 27     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.63       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 14   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.77       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 14   | 47     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.9        | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 14   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.04       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 15   | 7      | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.17       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 15   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.29       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 15   | 27     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.4        | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 15   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.51       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 15   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.62       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 15   | 57     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.71       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 16   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.78       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 16   | 17     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.87       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 16   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.92       | 0        | 0              | 13.2    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 28  | 16   | 37     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.98       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 16   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.03       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 16   | 57     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.08       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 17   | 7      | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.16       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 17   | 17     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.17       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 17   | 27     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.21       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 17   | 37     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.23       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 17   | 47     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.25       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 17   | 57     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.26       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 18   | 7      | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 18   | 17     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 18   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 18   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 18   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 18   | 57     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 7      | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 57     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 20   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 20   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 20   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 20   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 20   | 47     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 20   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 21   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 21   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 21   | 27     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 21   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 21   | 47     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 21   | 57     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 22   | 7      | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 22   | 17     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 22   | 27     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 22   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 22   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 22   | 57     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 23   | 7      | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 23   | 17     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 23   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 23   | 37     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 23   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 23   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 0    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 0    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 0    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 29  | 0    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 0    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.96       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 0    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.91       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 7      | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.83       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.76       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.71       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.64       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.44       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 37     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 57     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 17     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 57     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 4    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 4    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 4    | 27     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 4    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 4    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 4    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 5    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 5    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 5    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 5    | 37     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 5    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 5    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 6    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 6    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 6    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 6    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 6    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 12      |
| 2009 | 6     | 29  | 6    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 7    | 7      | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 7    | 17     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 7    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 7    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 7    | 47     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 7    | 57     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 8    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 8    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 8    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 29  | 8    | 37     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 8    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 8    | 57     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 9    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 9    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 9    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 9    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 9    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 9    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 10   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 10   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 10   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 10   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 10   | 47     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 10   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 11   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 11   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 11   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 11   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.64       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 11   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 11   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.91       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 12   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 12   | 17     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 12   | 27     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.25       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 12   | 37     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.37       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 12   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.45       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 12   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.57       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 13   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.64       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 13   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.73       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 13   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.86       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 13   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.93       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 13   | 47     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.02       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 13   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.13       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 14   | 7      | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.2        | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 14   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.26       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 14   | 27     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.33       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 14   | 37     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 14   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.51       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 14   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.62       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 15   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.72       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 15   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.81       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 15   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.89       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 15   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.94       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 15   | 47     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.03       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 15   | 57     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.08       | 0        | 0              | 13      |
| 2009 | 6     | 29  | 16   | 7      | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.14       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 16   | 17     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.19       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 16   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.21       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 29  | 16   | 37     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.19       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 16   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.19       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 16   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.21       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 17   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.19       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 17   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.19       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 17   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.17       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 17   | 37     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.16       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 17   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.16       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 17   | 57     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 37     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 7      | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 20   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 20   | 17     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 20   | 27     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 20   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 20   | 47     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 20   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 21   | 7      | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 21   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 21   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 21   | 37     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 21   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 21   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 22   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 22   | 17     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 22   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 22   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 22   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 22   | 57     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 23   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 23   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 23   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 23   | 37     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 23   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 23   | 57     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 0    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.92       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 0    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.85       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 0    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 30  | 0    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.71       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 0    | 47     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.64       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 0    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 7      | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.44       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.38       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 57     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 3    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 3    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 3    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 3    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 3    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 3    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 4    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 4    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 4    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 4    | 37     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 4    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 4    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 5    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 5    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 5    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 5    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 5    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 5    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 6    | 7      | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 6    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 6    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 6    | 37     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 6    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 6    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 7    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 7    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 7    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 7    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 7    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 7    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 8    | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 8    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 8    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 30  | 8    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 8    | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 8    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 9    | 7      | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 9    | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 9    | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 9    | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 9    | 47     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 9    | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 10   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 10   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 10   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 10   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 10   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 10   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 11   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 11   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 11   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.67       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 11   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.73       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 11   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.82       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 11   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.91       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 12   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 12   | 17     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.09       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 12   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.18       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 12   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 12   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.41       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 12   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.48       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 13   | 7      | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.61       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 13   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.7        | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 13   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.81       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 13   | 37     | 13     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.88       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 13   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.95       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 13   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.11       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 14   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.24       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 14   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 14   | 27     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.51       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 14   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.63       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 14   | 47     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.76       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 14   | 57     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.87       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 15   | 7      | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.98       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 15   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 15   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 15   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.25       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 15   | 47     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.28       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 15   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.34       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 16   | 7      | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.39       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 16   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.43       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 16   | 27     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.5        | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 30  | 16   | 37     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.57       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 16   | 47     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.57       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 16   | 57     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 17   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.62       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 17   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 17   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 17   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 17   | 47     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 17   | 57     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 17     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 27     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 37     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 47     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 57     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 19   | 7      | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 19   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 19   | 27     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 19   | 37     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 19   | 47     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 19   | 57     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 20   | 7      | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 20   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 20   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 20   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 20   | 47     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 20   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 21   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 21   | 17     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 21   | 27     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 74.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 21   | 37     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 21   | 47     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 21   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 22   | 7      | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 22   | 17     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 22   | 27     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 22   | 37     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 22   | 47     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 22   | 57     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 23   | 7      | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 23   | 17     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 23   | 27     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 23   | 37     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 23   | 47     | 13     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 57     | 13     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.24       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 1   | 0    | 4      | 54     | 0.3       | 4.3     | 0.96  | 92.9      | 41.7533 | 35.3963 |
| 2009 | 6     | 1   | 0    | 14     | 54     | 0.3       | 4.3     | 0.97  | 91.8      | 41.7202 | 35.6122 |
| 2009 | 6     | 1   | 0    | 24     | 54     | 0.3       | 4.3     | 0.94  | 93.4      | 41.7202 | 34.7549 |
| 2009 | 6     | 1   | 0    | 34     | 54     | 0.3       | 4.3     | 0.93  | 92.8      | 41.6871 | 34.1146 |
| 2009 | 6     | 1   | 0    | 44     | 54     | 0.3       | 4.3     | 0.91  | 94.8      | 41.6871 | 33.3807 |
| 2009 | 6     | 1   | 0    | 54     | 54     | 0.3       | 4.3     | 0.87  | 96.5      | 41.654  | 32.0092 |
| 2009 | 6     | 1   | 1    | 4      | 54     | 0.3       | 4.3     | 0.96  | 94.1      | 41.654  | 35.1867 |
| 2009 | 6     | 1   | 1    | 14     | 54     | 0.3       | 4.3     | 0.87  | 95.6      | 41.6209 | 31.8608 |
| 2009 | 6     | 1   | 1    | 24     | 54     | 0.3       | 4.3     | 0.91  | 94.5      | 41.5878 | 33.5421 |
| 2009 | 6     | 1   | 1    | 34     | 54     | 0.3       | 4.3     | 0.92  | 93.3      | 41.5546 | 33.6363 |
| 2009 | 6     | 1   | 1    | 44     | 54     | 0.3       | 4.3     | 0.95  | 92.6      | 41.5215 | 34.8268 |
| 2009 | 6     | 1   | 1    | 54     | 54     | 0.3       | 4.3     | 0.93  | 95.3      | 41.4552 | 33.796  |
| 2009 | 6     | 1   | 2    | 4      | 54     | 0.3       | 4.3     | 0.92  | 95.3      | 41.422  | 33.5249 |
| 2009 | 6     | 1   | 2    | 14     | 54     | 0.3       | 4.3     | 0.89  | 94        | 41.3889 | 32.6473 |
| 2009 | 6     | 1   | 2    | 24     | 54     | 0.3       | 4.3     | 0.93  | 95.5      | 41.3557 | 33.8331 |
| 2009 | 6     | 1   | 2    | 34     | 54     | 0.3       | 4.3     | 0.89  | 93.4      | 41.3225 | 32.593  |
| 2009 | 6     | 1   | 2    | 44     | 54     | 0.3       | 4.3     | 0.97  | 91.4      | 41.3225 | 35.3812 |
| 2009 | 6     | 1   | 2    | 54     | 54     | 0.3       | 4.3     | 0.89  | 91.9      | 41.3225 | 32.4718 |
| 2009 | 6     | 1   | 3    | 4      | 54     | 0.3       | 4.3     | 0.91  | 93.3      | 41.2893 | 33.1712 |
| 2009 | 6     | 1   | 3    | 14     | 54     | 0.3       | 4.3     | 0.9   | 90.4      | 41.2893 | 32.6869 |
| 2009 | 6     | 1   | 3    | 24     | 54     | 0.3       | 4.3     | 0.86  | 94.8      | 41.2561 | 31.3292 |
| 2009 | 6     | 1   | 3    | 34     | 54     | 0.3       | 4.3     | 0.84  | 95.4      | 41.2561 | 30.362  |
| 2009 | 6     | 1   | 3    | 44     | 54     | 0.3       | 4.3     | 0.89  | 94.9      | 41.2561 | 32.2967 |
| 2009 | 6     | 1   | 3    | 54     | 54     | 0.3       | 4.3     | 0.88  | 94.3      | 41.2229 | 31.9072 |
| 2009 | 6     | 1   | 4    | 4      | 54     | 0.3       | 4.3     | 0.86  | 94.4      | 41.1896 | 31.0354 |
| 2009 | 6     | 1   | 4    | 14     | 54     | 0.3       | 4.3     | 0.9   | 92.5      | 41.1896 | 32.8466 |
| 2009 | 6     | 1   | 4    | 24     | 54     | 0.3       | 4.3     | 0.93  | 91.4      | 41.1564 | 33.7847 |
| 2009 | 6     | 1   | 4    | 34     | 54     | 0.3       | 4.3     | 0.87  | 93.5      | 41.1232 | 31.4655 |
| 2009 | 6     | 1   | 4    | 44     | 54     | 0.3       | 4.3     | 0.85  | 94        | 41.0899 | 30.837  |
| 2009 | 6     | 1   | 4    | 54     | 54     | 0.3       | 4.3     | 0.89  | 91.1      | 41.0567 | 32.3755 |
| 2009 | 6     | 1   | 5    | 4      | 54     | 0.3       | 4.3     | 0.94  | 91        | 40.9901 | 34.0038 |
| 2009 | 6     | 1   | 5    | 14     | 54     | 0.3       | 4.3     | 0.81  | 94.7      | 40.9568 | 29.054  |
| 2009 | 6     | 1   | 5    | 24     | 54     | 0.3       | 4.3     | 0.86  | 93.9      | 40.9235 | 31.0672 |
| 2009 | 6     | 1   | 5    | 34     | 54     | 0.3       | 4.3     | 0.89  | 93.4      | 40.9235 | 32.2666 |
| 2009 | 6     | 1   | 5    | 44     | 54     | 0.3       | 3.9     | 0.89  | 94.4      | 40.8902 | 32.1195 |
| 2009 | 6     | 1   | 5    | 54     | 54     | 0.3       | 3.9     | 0.85  | 95.3      | 40.8902 | 30.5618 |
| 2009 | 6     | 1   | 6    | 4      | 54     | 0.3       | 3.9     | 0.93  | 92.8      | 40.8569 | 33.6496 |
| 2009 | 6     | 1   | 6    | 14     | 54     | 0.3       | 3.9     | 0.87  | 92.4      | 40.8569 | 31.2542 |
| 2009 | 6     | 1   | 6    | 24     | 54     | 0.3       | 3.9     | 0.94  | 93.4      | 40.8236 | 33.8606 |
| 2009 | 6     | 1   | 6    | 34     | 54     | 0.3       | 3.9     | 0.86  | 94.8      | 40.8236 | 30.7493 |
| 2009 | 6     | 1   | 6    | 44     | 54     | 0.3       | 3.9     | 0.82  | 92.1      | 40.8236 | 29.6732 |
| 2009 | 6     | 1   | 6    | 54     | 54     | 0.3       | 3.9     | 0.87  | 93.7      | 40.7903 | 31.3208 |
| 2009 | 6     | 1   | 7    | 4      | 54     | 0.3       | 3.9     | 0.86  | 93.5      | 40.7903 | 30.8428 |
| 2009 | 6     | 1   | 7    | 14     | 54     | 0.3       | 3.9     | 0.9   | 93.1      | 40.757  | 32.2498 |
| 2009 | 6     | 1   | 7    | 24     | 54     | 0.3       | 3.9     | 0.86  | 94        | 40.757  | 30.6973 |
| 2009 | 6     | 1   | 7    | 34     | 54     | 0.3       | 3.9     | 0.81  | 96.5      | 40.6903 | 28.8578 |
| 2009 | 6     | 1   | 7    | 44     | 54     | 0.3       | 3.9     | 0.85  | 95.3      | 40.6569 | 30.2619 |
| 2009 | 6     | 1   | 7    | 54     | 54     | 0.3       | 3.9     | 0.81  | 92.3      | 40.6236 | 29.0466 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 1   | 8    | 4      | 54     | 0.3       | 3.9     | 0.86  | 92.6      | 40.5902 | 30.9237 |
| 2009 | 6     | 1   | 8    | 14     | 54     | 0.3       | 3.9     | 0.87  | 93        | 40.5568 | 31.2538 |
| 2009 | 6     | 1   | 8    | 24     | 54     | 0.3       | 3.9     | 0.85  | 93.5      | 40.5235 | 30.3962 |
| 2009 | 6     | 1   | 8    | 34     | 54     | 0.3       | 3.9     | 0.8   | 92.8      | 40.5235 | 28.7351 |
| 2009 | 6     | 1   | 8    | 44     | 54     | 0.3       | 3.9     | 0.88  | 95.4      | 40.4901 | 31.2004 |
| 2009 | 6     | 1   | 8    | 54     | 54     | 0.3       | 3.9     | 0.92  | 91.8      | 40.4567 | 32.7148 |
| 2009 | 6     | 1   | 9    | 4      | 54     | 0.3       | 3.9     | 0.85  | 92.6      | 40.4567 | 30.4627 |
| 2009 | 6     | 1   | 9    | 14     | 54     | 0.3       | 3.9     | 0.83  | 92.7      | 40.4567 | 29.515  |
| 2009 | 6     | 1   | 9    | 24     | 54     | 0.3       | 3.9     | 0.8   | 93.1      | 40.4567 | 28.4492 |
| 2009 | 6     | 1   | 9    | 34     | 54     | 0.3       | 3.9     | 0.82  | 93.9      | 40.4233 | 29.2531 |
| 2009 | 6     | 1   | 9    | 44     | 54     | 0.3       | 3.9     | 0.83  | 92.5      | 40.4233 | 29.7264 |
| 2009 | 6     | 1   | 9    | 54     | 54     | 0.3       | 3.9     | 0.8   | 95.6      | 40.3898 | 28.5187 |
| 2009 | 6     | 1   | 10   | 4      | 54     | 0.3       | 3.9     | 0.8   | 95.2      | 40.3898 | 28.4005 |
| 2009 | 6     | 1   | 10   | 14     | 54     | 0.3       | 3.9     | 0.81  | 94.2      | 40.3564 | 28.7304 |
| 2009 | 6     | 1   | 10   | 24     | 54     | 0.3       | 3.9     | 0.86  | 93.1      | 40.323  | 30.4764 |
| 2009 | 6     | 1   | 10   | 34     | 54     | 0.3       | 3.9     | 0.83  | 93.4      | 40.2561 | 29.3633 |
| 2009 | 6     | 1   | 10   | 44     | 54     | 0.3       | 3.9     | 0.87  | 91.3      | 40.1892 | 30.9601 |
| 2009 | 6     | 1   | 10   | 54     | 54     | 0.3       | 3.9     | 0.75  | 91.3      | 40.1892 | 26.4911 |
| 2009 | 6     | 1   | 11   | 4      | 54     | 0.3       | 3.9     | 0.83  | 93.9      | 40.1557 | 29.2874 |
| 2009 | 6     | 1   | 11   | 14     | 54     | 0.3       | 3.9     | 0.85  | 93.8      | 40.1557 | 30.1102 |
| 2009 | 6     | 1   | 11   | 24     | 54     | 0.3       | 3.9     | 0.82  | 95        | 40.1223 | 29.0272 |
| 2009 | 6     | 1   | 11   | 34     | 54     | 0.3       | 3.9     | 0.89  | 94        | 40.1223 | 31.6117 |
| 2009 | 6     | 1   | 11   | 44     | 54     | 0.3       | 3.9     | 0.77  | 94.4      | 40.0888 | 27.243  |
| 2009 | 6     | 1   | 11   | 54     | 54     | 0.3       | 3.9     | 0.8   | 93.3      | 40.0888 | 28.2983 |
| 2009 | 6     | 1   | 12   | 4      | 54     | 0.3       | 3.9     | 0.81  | 92.1      | 40.0888 | 28.5329 |
| 2009 | 6     | 1   | 12   | 14     | 54     | 0.3       | 3.9     | 0.85  | 94.2      | 40.0553 | 29.7977 |
| 2009 | 6     | 1   | 12   | 24     | 54     | 0.3       | 3.9     | 0.79  | 92.1      | 40.0553 | 28.0395 |
| 2009 | 6     | 1   | 12   | 34     | 54     | 0.3       | 3.9     | 0.78  | 94.1      | 40.0218 | 27.4299 |
| 2009 | 6     | 1   | 12   | 44     | 54     | 0.3       | 3.9     | 0.83  | 92.3      | 39.9883 | 29.1608 |
| 2009 | 6     | 1   | 12   | 54     | 54     | 0.3       | 3.9     | 0.79  | 94.5      | 39.8877 | 27.8012 |
| 2009 | 6     | 1   | 13   | 4      | 54     | 0.3       | 3.9     | 0.81  | 92.5      | 39.8877 | 28.5013 |
| 2009 | 6     | 1   | 13   | 14     | 54     | 0.3       | 3.9     | 0.83  | 93.9      | 39.8542 | 29.0595 |
| 2009 | 6     | 1   | 13   | 24     | 54     | 0.3       | 3.9     | 0.78  | 96        | 39.8207 | 27.1705 |
| 2009 | 6     | 1   | 13   | 34     | 54     | 0.3       | 3.9     | 0.77  | 94.9      | 39.8207 | 26.8213 |
| 2009 | 6     | 1   | 13   | 44     | 54     | 0.3       | 3.9     | 0.78  | 93.6      | 39.8207 | 27.4034 |
| 2009 | 6     | 1   | 13   | 54     | 54     | 0.3       | 3.9     | 0.81  | 94.6      | 39.7871 | 28.3104 |
| 2009 | 6     | 1   | 14   | 4      | 54     | 0.3       | 3.9     | 0.81  | 91.2      | 39.7871 | 28.4268 |
| 2009 | 6     | 1   | 14   | 14     | 54     | 0.3       | 3.9     | 0.85  | 93.1      | 39.7871 | 29.7074 |
| 2009 | 6     | 1   | 14   | 24     | 54     | 0.3       | 3.9     | 0.8   | 92.1      | 39.7536 | 27.9368 |
| 2009 | 6     | 1   | 14   | 34     | 54     | 0.3       | 3.9     | 0.79  | 93.6      | 39.7536 | 27.7043 |
| 2009 | 6     | 1   | 14   | 44     | 54     | 0.3       | 3.9     | 0.84  | 93.4      | 39.72   | 29.423  |
| 2009 | 6     | 1   | 14   | 54     | 54     | 0.3       | 3.9     | 0.79  | 93.6      | 39.72   | 27.5639 |
| 2009 | 6     | 1   | 15   | 4      | 54     | 0.3       | 3.9     | 0.8   | 94        | 39.6864 | 28.004  |
| 2009 | 6     | 1   | 15   | 14     | 54     | 0.3       | 3.9     | 0.78  | 94.3      | 39.6864 | 27.1916 |
| 2009 | 6     | 1   | 15   | 24     | 54     | 0.3       | 3.9     | 0.83  | 91.6      | 39.72   | 28.9581 |
| 2009 | 6     | 1   | 15   | 34     | 54     | 0.3       | 3.9     | 0.85  | 90        | 39.5857 | 29.6674 |
| 2009 | 6     | 1   | 15   | 44     | 54     | 0.3       | 3.9     | 0.81  | 91.8      | 39.5521 | 28.3685 |
| 2009 | 6     | 1   | 15   | 54     | 54     | 0.3       | 3.9     | 0.82  | 94.3      | 39.5185 | 28.5747 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 1   | 16   | 4      | 54     | 0.3       | 3.9     | 0.79  | 96.7      | 39.4849 | 27.164  |
| 2009 | 6     | 1   | 16   | 14     | 54     | 0.3       | 3.9     | 0.8   | 95        | 39.4849 | 27.6257 |
| 2009 | 6     | 1   | 16   | 24     | 54     | 0.3       | 3.9     | 0.83  | 95.4      | 39.4513 | 28.8705 |
| 2009 | 6     | 1   | 16   | 34     | 54     | 0.3       | 3.9     | 0.85  | 93.8      | 39.4513 | 29.563  |
| 2009 | 6     | 1   | 16   | 44     | 54     | 0.3       | 3.9     | 0.81  | 90.7      | 39.4513 | 28.1782 |
| 2009 | 6     | 1   | 16   | 54     | 54     | 0.3       | 3.9     | 0.81  | 91.4      | 39.4177 | 28.2685 |
| 2009 | 6     | 1   | 17   | 4      | 54     | 0.3       | 3.9     | 0.85  | 90.2      | 39.4177 | 29.4216 |
| 2009 | 6     | 1   | 17   | 14     | 54     | 0.3       | 3.9     | 0.78  | 93.1      | 39.4177 | 27.1161 |
| 2009 | 6     | 1   | 17   | 24     | 54     | 0.3       | 3.9     | 0.78  | 95.5      | 39.4177 | 27.1161 |
| 2009 | 6     | 1   | 17   | 34     | 54     | 0.3       | 3.9     | 0.85  | 89.8      | 39.384  | 29.3956 |
| 2009 | 6     | 1   | 17   | 44     | 54     | 0.3       | 3.9     | 0.78  | 94.1      | 39.384  | 27.0921 |
| 2009 | 6     | 1   | 17   | 54     | 54     | 0.3       | 3.9     | 0.81  | 92.3      | 39.3504 | 27.9884 |
| 2009 | 6     | 1   | 18   | 4      | 54     | 0.3       | 3.9     | 0.82  | 92.7      | 39.3504 | 28.5638 |
| 2009 | 6     | 1   | 18   | 14     | 54     | 0.3       | 3.9     | 0.87  | 94.8      | 39.3168 | 30.0338 |
| 2009 | 6     | 1   | 18   | 24     | 54     | 0.3       | 3.9     | 0.86  | 92.8      | 39.3168 | 29.9187 |
| 2009 | 6     | 1   | 18   | 34     | 54     | 0.3       | 3.9     | 0.84  | 91.8      | 39.2831 | 29.2026 |
| 2009 | 6     | 1   | 18   | 44     | 54     | 0.3       | 3.9     | 0.85  | 93.8      | 39.2495 | 29.4063 |
| 2009 | 6     | 1   | 18   | 54     | 54     | 0.3       | 3.9     | 0.84  | 91.8      | 39.2158 | 28.9214 |
| 2009 | 6     | 1   | 19   | 4      | 54     | 0.3       | 3.9     | 0.82  | 93.4      | 39.1821 | 28.2081 |
| 2009 | 6     | 1   | 19   | 14     | 54     | 0.3       | 3.9     | 0.79  | 95        | 39.1485 | 27.153  |
| 2009 | 6     | 1   | 19   | 24     | 54     | 0.3       | 3.9     | 0.85  | 92.4      | 39.1148 | 29.4162 |
| 2009 | 6     | 1   | 19   | 34     | 54     | 0.3       | 3.9     | 0.83  | 94.7      | 39.0811 | 28.5899 |
| 2009 | 6     | 1   | 19   | 44     | 54     | 0.3       | 3.9     | 0.82  | 90.9      | 39.0811 | 28.3613 |
| 2009 | 6     | 1   | 19   | 54     | 54     | 0.3       | 3.9     | 0.85  | 92        | 39.0474 | 29.2495 |
| 2009 | 6     | 1   | 20   | 4      | 54     | 0.3       | 3.9     | 0.83  | 95        | 39.0474 | 28.4502 |
| 2009 | 6     | 1   | 20   | 14     | 54     | 0.3       | 3.9     | 0.86  | 92        | 39.0474 | 29.7064 |
| 2009 | 6     | 1   | 20   | 24     | 54     | 0.3       | 3.9     | 0.87  | 91.5      | 39.0137 | 29.794  |
| 2009 | 6     | 1   | 20   | 34     | 54     | 0.3       | 3.9     | 0.86  | 92        | 39.0137 | 29.4516 |
| 2009 | 6     | 1   | 20   | 44     | 54     | 0.3       | 3.9     | 0.8   | 94.2      | 39.0137 | 27.3983 |
| 2009 | 6     | 1   | 20   | 54     | 54     | 0.3       | 3.9     | 0.81  | 94.4      | 38.98   | 27.8295 |
| 2009 | 6     | 1   | 21   | 4      | 54     | 0.3       | 3.9     | 0.81  | 93.2      | 38.98   | 27.9435 |
| 2009 | 6     | 1   | 21   | 14     | 54     | 0.3       | 3.9     | 0.82  | 93.2      | 38.98   | 28.1714 |
| 2009 | 6     | 1   | 21   | 24     | 54     | 0.3       | 3.9     | 0.84  | 93.6      | 38.9463 | 28.7155 |
| 2009 | 6     | 1   | 21   | 34     | 54     | 0.3       | 3.9     | 0.86  | 93.5      | 38.9463 | 29.3989 |
| 2009 | 6     | 1   | 21   | 44     | 54     | 0.3       | 3.9     | 0.8   | 96.8      | 38.9463 | 27.2354 |
| 2009 | 6     | 1   | 21   | 54     | 54     | 0.3       | 3.9     | 0.8   | 93.3      | 38.9125 | 27.4384 |
| 2009 | 6     | 1   | 22   | 4      | 54     | 0.3       | 3.9     | 0.81  | 93.2      | 38.9125 | 27.7797 |
| 2009 | 6     | 1   | 22   | 14     | 54     | 0.3       | 3.9     | 0.87  | 94.1      | 38.8788 | 29.6873 |
| 2009 | 6     | 1   | 22   | 24     | 54     | 0.3       | 3.9     | 0.87  | 91.9      | 38.8451 | 29.7743 |
| 2009 | 6     | 1   | 22   | 34     | 54     | 0.3       | 3.9     | 0.82  | 92.3      | 38.8451 | 27.9569 |
| 2009 | 6     | 1   | 22   | 44     | 54     | 0.3       | 3.9     | 0.79  | 93.6      | 38.8114 | 27.0243 |
| 2009 | 6     | 1   | 22   | 54     | 54     | 0.3       | 3.9     | 0.81  | 91.2      | 38.7776 | 27.6799 |
| 2009 | 6     | 1   | 23   | 4      | 54     | 0.3       | 3.9     | 0.79  | 93.8      | 38.7439 | 26.9756 |
| 2009 | 6     | 1   | 23   | 14     | 54     | 0.3       | 3.9     | 0.89  | 91.3      | 38.7439 | 30.374  |
| 2009 | 6     | 1   | 23   | 24     | 54     | 0.3       | 3.9     | 0.81  | 93.9      | 38.6763 | 27.6052 |
| 2009 | 6     | 1   | 23   | 34     | 54     | 0.3       | 3.9     | 0.82  | 92.3      | 38.6426 | 27.9191 |
| 2009 | 6     | 1   | 23   | 44     | 54     | 0.3       | 3.9     | 0.83  | 91.4      | 38.6088 | 28.2324 |
| 2009 | 6     | 1   | 23   | 54     | 54     | 0.3       | 3.9     | 0.82  | 93.2      | 38.6088 | 27.781  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 2   | 0    | 4      | 54     | 0.3       | 3.9     | 0.87  | 90.9      | 38.6088 | 29.5871 |
| 2009 | 6     | 2   | 0    | 14     | 54     | 0.3       | 3.9     | 0.86  | 93.1      | 38.575  | 29.1091 |
| 2009 | 6     | 2   | 0    | 24     | 54     | 0.3       | 3.9     | 0.84  | 93.6      | 38.575  | 28.5452 |
| 2009 | 6     | 2   | 0    | 34     | 54     | 0.3       | 3.9     | 0.77  | 93.4      | 38.5412 | 26.1545 |
| 2009 | 6     | 2   | 0    | 44     | 54     | 0.3       | 3.9     | 0.82  | 93.7      | 38.5412 | 27.7308 |
| 2009 | 6     | 2   | 0    | 54     | 54     | 0.3       | 3.9     | 0.8   | 92.1      | 38.5412 | 27.2803 |
| 2009 | 6     | 2   | 1    | 4      | 54     | 0.3       | 3.9     | 0.81  | 91.8      | 38.5074 | 27.5932 |
| 2009 | 6     | 2   | 1    | 14     | 54     | 0.3       | 3.9     | 0.88  | 94.9      | 38.5074 | 29.8447 |
| 2009 | 6     | 2   | 1    | 24     | 54     | 0.3       | 3.9     | 0.88  | 93        | 38.5074 | 29.8447 |
| 2009 | 6     | 2   | 1    | 34     | 54     | 0.3       | 3.9     | 0.81  | 96.5      | 38.4736 | 27.3434 |
| 2009 | 6     | 2   | 1    | 44     | 54     | 0.3       | 3.9     | 0.84  | 95.1      | 38.4736 | 28.4678 |
| 2009 | 6     | 2   | 1    | 54     | 54     | 0.3       | 3.9     | 0.82  | 93        | 38.4736 | 27.9055 |
| 2009 | 6     | 2   | 2    | 4      | 54     | 0.3       | 3.9     | 0.77  | 95.2      | 38.4398 | 25.8589 |
| 2009 | 6     | 2   | 2    | 14     | 54     | 0.3       | 3.9     | 0.78  | 97        | 38.4398 | 26.3079 |
| 2009 | 6     | 2   | 2    | 24     | 54     | 0.3       | 3.9     | 0.85  | 94.7      | 38.4398 | 28.5543 |
| 2009 | 6     | 2   | 2    | 34     | 54     | 0.3       | 3.9     | 0.81  | 92.6      | 38.406  | 27.2937 |
| 2009 | 6     | 2   | 2    | 44     | 54     | 0.3       | 3.9     | 0.81  | 92.6      | 38.406  | 27.2937 |
| 2009 | 6     | 2   | 2    | 54     | 54     | 0.3       | 3.9     | 0.83  | 91.6      | 38.3722 | 28.0538 |
| 2009 | 6     | 2   | 3    | 4      | 54     | 0.3       | 3.9     | 0.86  | 90.9      | 38.3384 | 29.0369 |
| 2009 | 6     | 2   | 3    | 14     | 54     | 0.3       | 3.9     | 0.85  | 94.4      | 38.3046 | 28.5625 |
| 2009 | 6     | 2   | 3    | 24     | 54     | 0.3       | 3.9     | 0.8   | 96.2      | 38.2707 | 26.6355 |
| 2009 | 6     | 2   | 3    | 34     | 54     | 0.3       | 3.9     | 0.85  | 94        | 38.2369 | 28.3986 |
| 2009 | 6     | 2   | 3    | 44     | 54     | 0.3       | 3.9     | 0.88  | 93        | 38.203  | 29.4895 |
| 2009 | 6     | 2   | 3    | 54     | 54     | 0.3       | 3.9     | 0.79  | 95.5      | 38.1692 | 26.3396 |
| 2009 | 6     | 2   | 4    | 4      | 54     | 0.3       | 3.9     | 0.83  | 94.3      | 38.1692 | 27.789  |
| 2009 | 6     | 2   | 4    | 14     | 54     | 0.3       | 3.9     | 0.82  | 93.4      | 38.1353 | 27.5407 |
| 2009 | 6     | 2   | 4    | 24     | 54     | 0.3       | 3.9     | 0.8   | 94.3      | 38.1353 | 26.6496 |
| 2009 | 6     | 2   | 4    | 34     | 54     | 0.3       | 3.9     | 0.8   | 94.5      | 38.1015 | 26.8477 |
| 2009 | 6     | 2   | 4    | 44     | 54     | 0.3       | 3.9     | 0.8   | 95.4      | 38.1015 | 26.6251 |
| 2009 | 6     | 2   | 4    | 54     | 54     | 0.3       | 3.9     | 0.78  | 93.6      | 38.1015 | 26.1801 |
| 2009 | 6     | 2   | 5    | 4      | 54     | 0.3       | 3.9     | 0.79  | 92.8      | 38.0676 | 26.6007 |
| 2009 | 6     | 2   | 5    | 14     | 54     | 0.3       | 3.9     | 0.75  | 93.5      | 38.0676 | 25.1559 |
| 2009 | 6     | 2   | 5    | 24     | 54     | 0.3       | 3.9     | 0.84  | 90.9      | 38.0676 | 28.2689 |
| 2009 | 6     | 2   | 5    | 34     | 54     | 0.3       | 3.9     | 0.85  | 90.2      | 38.0337 | 28.4652 |
| 2009 | 6     | 2   | 5    | 44     | 54     | 0.3       | 3.9     | 0.84  | 91.1      | 38.0337 | 28.1317 |
| 2009 | 6     | 2   | 5    | 54     | 54     | 0.3       | 3.9     | 0.86  | 93.5      | 38.0337 | 28.6875 |
| 2009 | 6     | 2   | 6    | 4      | 54     | 0.3       | 3.9     | 0.84  | 92        | 37.9998 | 28.1059 |
| 2009 | 6     | 2   | 6    | 14     | 54     | 0.3       | 3.9     | 0.82  | 92.5      | 37.9998 | 27.3287 |
| 2009 | 6     | 2   | 6    | 24     | 54     | 0.3       | 3.9     | 0.75  | 94        | 37.9998 | 24.9987 |
| 2009 | 6     | 2   | 6    | 34     | 54     | 0.3       | 3.9     | 0.84  | 92        | 37.966  | 27.9691 |
| 2009 | 6     | 2   | 6    | 44     | 54     | 0.3       | 3.9     | 0.85  | 92        | 37.966  | 28.3019 |
| 2009 | 6     | 2   | 6    | 54     | 54     | 0.3       | 3.9     | 0.78  | 93.4      | 37.9321 | 25.8384 |
| 2009 | 6     | 2   | 7    | 4      | 54     | 0.3       | 3.9     | 0.84  | 93.1      | 37.9321 | 27.9433 |
| 2009 | 6     | 2   | 7    | 14     | 54     | 0.3       | 3.9     | 0.82  | 92.1      | 37.8982 | 27.3639 |
| 2009 | 6     | 2   | 7    | 24     | 54     | 0.3       | 3.9     | 0.83  | 91.1      | 37.8643 | 27.6705 |
| 2009 | 6     | 2   | 7    | 34     | 54     | 0.3       | 3.9     | 0.73  | 94.9      | 37.7965 | 24.0887 |
| 2009 | 6     | 2   | 7    | 44     | 54     | 0.3       | 3.9     | 0.8   | 93.3      | 37.7625 | 26.3806 |
| 2009 | 6     | 2   | 7    | 54     | 54     | 0.3       | 3.9     | 0.77  | 92.7      | 37.7286 | 25.4751 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 2   | 8    | 4      | 54     | 0.3       | 3.9     | 0.83  | 92.5      | 37.7286 | 27.6784 |
| 2009 | 6     | 2   | 8    | 14     | 54     | 0.3       | 3.9     | 0.72  | 95.5      | 37.6947 | 23.8019 |
| 2009 | 6     | 2   | 8    | 24     | 54     | 0.3       | 3.9     | 0.72  | 96.5      | 37.6947 | 23.692  |
| 2009 | 6     | 2   | 8    | 34     | 54     | 0.3       | 3.9     | 0.75  | 96.5      | 37.6608 | 24.6586 |
| 2009 | 6     | 2   | 8    | 44     | 54     | 0.3       | 3.9     | 0.83  | 94.1      | 37.6608 | 27.297  |
| 2009 | 6     | 2   | 8    | 54     | 54     | 0.3       | 3.9     | 0.72  | 95.2      | 37.6608 | 23.8896 |
| 2009 | 6     | 2   | 9    | 4      | 54     | 0.3       | 3.9     | 0.77  | 94.7      | 37.6608 | 25.3179 |
| 2009 | 6     | 2   | 9    | 14     | 54     | 0.3       | 3.9     | 0.8   | 92.1      | 37.6268 | 26.3926 |
| 2009 | 6     | 2   | 9    | 24     | 54     | 0.3       | 3.9     | 0.76  | 93.5      | 37.6268 | 24.965  |
| 2009 | 6     | 2   | 9    | 34     | 54     | 0.3       | 3.9     | 0.79  | 93.1      | 37.6268 | 25.9532 |
| 2009 | 6     | 2   | 9    | 44     | 54     | 0.3       | 3.9     | 0.79  | 91.2      | 37.5929 | 26.2583 |
| 2009 | 6     | 2   | 9    | 54     | 54     | 0.3       | 3.9     | 0.75  | 93.5      | 37.5929 | 24.7223 |
| 2009 | 6     | 2   | 10   | 4      | 54     | 0.3       | 3.9     | 0.75  | 93.5      | 37.5589 | 24.6993 |
| 2009 | 6     | 2   | 10   | 14     | 54     | 0.3       | 3.9     | 0.77  | 93.9      | 37.5589 | 25.3568 |
| 2009 | 6     | 2   | 10   | 24     | 54     | 0.3       | 3.6     | 0.78  | 93.6      | 37.491  | 25.7471 |
| 2009 | 6     | 2   | 10   | 34     | 54     | 0.3       | 3.6     | 0.8   | 91.9      | 37.457  | 26.2697 |
| 2009 | 6     | 2   | 10   | 44     | 54     | 0.3       | 3.6     | 0.75  | 94.3      | 37.4231 | 24.4979 |
| 2009 | 6     | 2   | 10   | 54     | 54     | 0.3       | 3.6     | 0.83  | 94.1      | 37.3891 | 27.0938 |
| 2009 | 6     | 2   | 11   | 4      | 54     | 0.3       | 3.6     | 0.74  | 94.6      | 37.3551 | 24.1252 |
| 2009 | 6     | 2   | 11   | 14     | 54     | 0.3       | 3.6     | 0.76  | 93.7      | 37.3551 | 24.8879 |
| 2009 | 6     | 2   | 11   | 24     | 54     | 0.3       | 3.6     | 0.77  | 93.9      | 37.3211 | 25.0822 |
| 2009 | 6     | 2   | 11   | 34     | 54     | 0.3       | 3.6     | 0.76  | 93.2      | 37.3211 | 24.7556 |
| 2009 | 6     | 2   | 11   | 44     | 54     | 0.3       | 3.6     | 0.75  | 92        | 37.3211 | 24.5379 |
| 2009 | 6     | 2   | 11   | 54     | 54     | 0.3       | 3.6     | 0.76  | 93.7      | 37.3211 | 24.8645 |
| 2009 | 6     | 2   | 12   | 4      | 54     | 0.3       | 3.6     | 0.75  | 93.3      | 37.3211 | 24.5379 |
| 2009 | 6     | 2   | 12   | 14     | 54     | 0.3       | 3.6     | 0.8   | 92.3      | 37.3211 | 26.3892 |
| 2009 | 6     | 2   | 12   | 24     | 54     | 0.3       | 3.6     | 0.74  | 94.8      | 37.3211 | 24.1025 |
| 2009 | 6     | 2   | 12   | 34     | 54     | 0.3       | 3.6     | 0.72  | 95.2      | 37.2871 | 23.4275 |
| 2009 | 6     | 2   | 12   | 44     | 54     | 0.3       | 3.6     | 0.76  | 93.5      | 37.2532 | 24.9264 |
| 2009 | 6     | 2   | 12   | 54     | 54     | 0.3       | 3.6     | 0.79  | 92.1      | 37.2532 | 25.796  |
| 2009 | 6     | 2   | 13   | 4      | 54     | 0.3       | 3.6     | 0.78  | 93.6      | 37.2192 | 25.5545 |
| 2009 | 6     | 2   | 13   | 14     | 54     | 0.3       | 3.6     | 0.77  | 91.2      | 37.1852 | 25.2049 |
| 2009 | 6     | 2   | 13   | 24     | 54     | 0.3       | 3.6     | 0.74  | 94        | 37.1511 | 24.2059 |
| 2009 | 6     | 2   | 13   | 34     | 54     | 0.3       | 3.6     | 0.73  | 94.9      | 37.1171 | 23.7501 |
| 2009 | 6     | 2   | 13   | 44     | 54     | 0.3       | 3.6     | 0.8   | 95.6      | 37.0831 | 25.9991 |
| 2009 | 6     | 2   | 13   | 54     | 54     | 0.3       | 3.6     | 0.77  | 93.2      | 37.0831 | 25.1335 |
| 2009 | 6     | 2   | 14   | 4      | 54     | 0.3       | 3.6     | 0.82  | 92.3      | 37.0831 | 26.6485 |
| 2009 | 6     | 2   | 14   | 14     | 54     | 0.3       | 3.6     | 0.77  | 91.5      | 37.0831 | 25.1335 |
| 2009 | 6     | 2   | 14   | 24     | 54     | 0.3       | 3.6     | 0.75  | 93        | 37.0491 | 24.3533 |
| 2009 | 6     | 2   | 14   | 34     | 54     | 0.3       | 3.6     | 0.73  | 95.1      | 37.0491 | 23.7052 |
| 2009 | 6     | 2   | 14   | 44     | 54     | 0.3       | 3.6     | 0.72  | 92.6      | 37.0151 | 23.2511 |
| 2009 | 6     | 2   | 14   | 54     | 54     | 0.3       | 3.6     | 0.72  | 93.7      | 37.0151 | 23.359  |
| 2009 | 6     | 2   | 15   | 4      | 54     | 0.3       | 3.6     | 0.77  | 91.2      | 37.0151 | 25.0859 |
| 2009 | 6     | 2   | 15   | 14     | 54     | 0.3       | 3.6     | 0.7   | 91.3      | 36.981  | 22.798  |
| 2009 | 6     | 2   | 15   | 24     | 54     | 0.3       | 3.6     | 0.71  | 94.3      | 36.981  | 22.9057 |
| 2009 | 6     | 2   | 15   | 34     | 54     | 0.3       | 3.6     | 0.72  | 93.9      | 36.947  | 23.207  |
| 2009 | 6     | 2   | 15   | 44     | 54     | 0.3       | 3.6     | 0.77  | 92.7      | 36.947  | 25.0383 |
| 2009 | 6     | 2   | 15   | 54     | 54     | 0.3       | 3.6     | 0.75  | 93.8      | 36.9129 | 24.1533 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 2   | 16   | 4      | 54     | 0.3       | 3.6     | 0.75  | 91.5      | 36.8448 | 24.3222 |
| 2009 | 6     | 2   | 16   | 14     | 54     | 0.3       | 3.6     | 0.75  | 90.7      | 36.8108 | 24.4063 |
| 2009 | 6     | 2   | 16   | 24     | 54     | 0.3       | 3.6     | 0.77  | 92.5      | 36.7427 | 24.6811 |
| 2009 | 6     | 2   | 16   | 34     | 54     | 0.3       | 3.6     | 0.76  | 94.4      | 36.7086 | 24.5505 |
| 2009 | 6     | 2   | 16   | 44     | 54     | 0.3       | 3.6     | 0.74  | 94.3      | 36.7086 | 23.6943 |
| 2009 | 6     | 2   | 16   | 54     | 54     | 0.3       | 3.6     | 0.69  | 94.3      | 36.7427 | 22.324  |
| 2009 | 6     | 2   | 17   | 4      | 54     | 0.3       | 3.6     | 0.76  | 94.7      | 36.6745 | 24.42   |
| 2009 | 6     | 2   | 17   | 14     | 54     | 0.3       | 3.6     | 0.74  | 92.5      | 36.6745 | 23.7785 |
| 2009 | 6     | 2   | 17   | 24     | 54     | 0.3       | 3.6     | 0.71  | 92.6      | 36.6404 | 22.9015 |
| 2009 | 6     | 2   | 17   | 34     | 54     | 0.3       | 3.6     | 0.77  | 94.9      | 36.6745 | 24.6339 |
| 2009 | 6     | 2   | 17   | 44     | 54     | 0.3       | 3.6     | 0.79  | 90        | 36.6404 | 25.3583 |
| 2009 | 6     | 2   | 17   | 54     | 54     | 0.3       | 3.6     | 0.76  | 92.5      | 36.6404 | 24.3966 |
| 2009 | 6     | 2   | 18   | 4      | 54     | 0.3       | 3.6     | 0.74  | 91.5      | 36.6404 | 23.6489 |
| 2009 | 6     | 2   | 18   | 14     | 54     | 0.3       | 3.6     | 0.7   | 95.1      | 36.6063 | 22.2383 |
| 2009 | 6     | 2   | 18   | 24     | 54     | 0.3       | 3.6     | 0.7   | 90        | 36.6063 | 22.3452 |
| 2009 | 6     | 2   | 18   | 34     | 54     | 0.3       | 3.6     | 0.8   | 90        | 36.5723 | 25.8431 |
| 2009 | 6     | 2   | 18   | 44     | 54     | 0.3       | 3.6     | 0.79  | 92.4      | 36.5723 | 25.4163 |
| 2009 | 6     | 2   | 18   | 54     | 54     | 0.3       | 3.6     | 0.78  | 92.7      | 36.5382 | 24.9656 |
| 2009 | 6     | 2   | 19   | 4      | 54     | 0.3       | 3.6     | 0.72  | 91.8      | 36.5382 | 23.0485 |
| 2009 | 6     | 2   | 19   | 14     | 54     | 0.3       | 3.6     | 0.81  | 88.1      | 36.5041 | 26.0064 |
| 2009 | 6     | 2   | 19   | 24     | 54     | 0.3       | 3.6     | 0.75  | 93.8      | 36.47   | 23.8543 |
| 2009 | 6     | 2   | 19   | 34     | 54     | 0.3       | 3.6     | 0.75  | 95.3      | 36.4359 | 23.8313 |
| 2009 | 6     | 2   | 19   | 44     | 54     | 0.3       | 3.6     | 0.74  | 93.5      | 36.4359 | 23.7251 |
| 2009 | 6     | 2   | 19   | 54     | 54     | 0.3       | 3.6     | 0.7   | 95.1      | 36.4359 | 22.344  |
| 2009 | 6     | 2   | 20   | 4      | 54     | 0.3       | 3.6     | 0.75  | 93.5      | 36.3676 | 23.9972 |
| 2009 | 6     | 2   | 20   | 14     | 54     | 0.3       | 3.6     | 0.73  | 93.6      | 36.3335 | 23.127  |
| 2009 | 6     | 2   | 20   | 24     | 54     | 0.3       | 3.6     | 0.75  | 92.3      | 36.3335 | 23.7622 |
| 2009 | 6     | 2   | 20   | 34     | 54     | 0.3       | 3.6     | 0.82  | 90.5      | 36.2994 | 26.0678 |
| 2009 | 6     | 2   | 20   | 44     | 54     | 0.3       | 3.6     | 0.8   | 90.7      | 36.2653 | 25.4078 |
| 2009 | 6     | 2   | 20   | 54     | 54     | 0.3       | 3.6     | 0.77  | 92.2      | 36.2653 | 24.6676 |
| 2009 | 6     | 2   | 21   | 4      | 54     | 0.3       | 3.6     | 0.78  | 93.4      | 36.2653 | 24.6676 |
| 2009 | 6     | 2   | 21   | 14     | 54     | 0.3       | 3.6     | 0.72  | 95.2      | 36.2311 | 22.7431 |
| 2009 | 6     | 2   | 21   | 24     | 54     | 0.3       | 3.6     | 0.82  | 89.8      | 36.197  | 26.0975 |
| 2009 | 6     | 2   | 21   | 34     | 54     | 0.3       | 3.6     | 0.75  | 93.5      | 36.197  | 23.6701 |
| 2009 | 6     | 2   | 21   | 44     | 54     | 0.3       | 3.6     | 0.74  | 90        | 36.197  | 23.6701 |
| 2009 | 6     | 2   | 21   | 54     | 54     | 0.3       | 3.6     | 0.78  | 93.4      | 36.1629 | 24.5957 |
| 2009 | 6     | 2   | 22   | 4      | 54     | 0.3       | 3.6     | 0.79  | 93.8      | 36.1629 | 25.0175 |
| 2009 | 6     | 2   | 22   | 14     | 54     | 0.3       | 3.6     | 0.77  | 90        | 36.1287 | 24.5718 |
| 2009 | 6     | 2   | 22   | 24     | 54     | 0.3       | 3.6     | 0.75  | 92        | 36.1287 | 23.6241 |
| 2009 | 6     | 2   | 22   | 34     | 54     | 0.3       | 3.6     | 0.72  | 92.9      | 36.1287 | 22.6768 |
| 2009 | 6     | 2   | 22   | 44     | 54     | 0.3       | 3.6     | 0.72  | 96.3      | 36.0946 | 22.7598 |
| 2009 | 6     | 2   | 22   | 54     | 54     | 0.3       | 3.6     | 0.76  | 93        | 36.0946 | 24.127  |
| 2009 | 6     | 2   | 23   | 4      | 54     | 0.3       | 3.6     | 0.72  | 93.7      | 36.0946 | 22.7598 |
| 2009 | 6     | 2   | 23   | 14     | 54     | 0.3       | 3.6     | 0.75  | 91        | 36.0604 | 23.7882 |
| 2009 | 6     | 2   | 23   | 24     | 54     | 0.3       | 3.6     | 0.74  | 91.3      | 36.0604 | 23.578  |
| 2009 | 6     | 2   | 23   | 34     | 54     | 0.3       | 3.6     | 0.68  | 92.8      | 36.0263 | 21.5585 |
| 2009 | 6     | 2   | 23   | 44     | 54     | 0.3       | 3.6     | 0.77  | 93.4      | 36.0263 | 24.2899 |
| 2009 | 6     | 2   | 23   | 54     | 54     | 0.3       | 3.6     | 0.75  | 93.5      | 35.9921 | 23.7417 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 3   | 0    | 4      | 54     | 0.3       | 3.6     | 0.74  | 95.1      | 35.958  | 23.1946 |
| 2009 | 6     | 3   | 0    | 14     | 54     | 0.3       | 3.6     | 0.82  | 95.3      | 35.9238 | 25.8944 |
| 2009 | 6     | 3   | 0    | 24     | 54     | 0.3       | 3.6     | 0.79  | 95        | 35.9238 | 24.9516 |
| 2009 | 6     | 3   | 0    | 34     | 54     | 0.3       | 3.6     | 0.73  | 91.6      | 35.8896 | 22.8356 |
| 2009 | 6     | 3   | 0    | 44     | 54     | 0.3       | 3.6     | 0.72  | 94.4      | 35.8554 | 22.7087 |
| 2009 | 6     | 3   | 0    | 54     | 54     | 0.3       | 3.6     | 0.73  | 93.3      | 35.8554 | 23.022  |
| 2009 | 6     | 3   | 1    | 4      | 54     | 0.3       | 3.6     | 0.74  | 90        | 35.8213 | 23.208  |
| 2009 | 6     | 3   | 1    | 14     | 54     | 0.3       | 3.6     | 0.76  | 94        | 35.7871 | 23.7065 |
| 2009 | 6     | 3   | 1    | 24     | 54     | 0.3       | 3.6     | 0.72  | 91        | 35.7871 | 22.6641 |
| 2009 | 6     | 3   | 1    | 34     | 54     | 0.3       | 3.6     | 0.77  | 92.2      | 35.7529 | 24.204  |
| 2009 | 6     | 3   | 1    | 44     | 54     | 0.3       | 3.6     | 0.73  | 92.3      | 35.7529 | 22.9541 |
| 2009 | 6     | 3   | 1    | 54     | 54     | 0.3       | 3.6     | 0.74  | 93.3      | 35.7529 | 23.0582 |
| 2009 | 6     | 3   | 2    | 4      | 54     | 0.3       | 3.6     | 0.74  | 92.6      | 35.7187 | 23.0355 |
| 2009 | 6     | 3   | 2    | 14     | 54     | 0.3       | 3.6     | 0.78  | 90        | 35.7529 | 24.5166 |
| 2009 | 6     | 3   | 2    | 24     | 54     | 0.3       | 3.6     | 0.71  | 94.5      | 35.7187 | 22.3065 |
| 2009 | 6     | 3   | 2    | 34     | 54     | 0.3       | 3.6     | 0.79  | 92.1      | 35.7187 | 24.8048 |
| 2009 | 6     | 3   | 2    | 44     | 54     | 0.3       | 3.6     | 0.7   | 92.2      | 35.6845 | 21.8678 |
| 2009 | 6     | 3   | 2    | 54     | 54     | 0.3       | 3.6     | 0.74  | 94.6      | 35.6845 | 23.0128 |
| 2009 | 6     | 3   | 3    | 4      | 54     | 0.3       | 3.6     | 0.71  | 94        | 35.6845 | 22.0761 |
| 2009 | 6     | 3   | 3    | 14     | 54     | 0.3       | 3.6     | 0.69  | 91.4      | 35.6503 | 21.6381 |
| 2009 | 6     | 3   | 3    | 24     | 54     | 0.3       | 3.6     | 0.75  | 90        | 35.6503 | 23.5092 |
| 2009 | 6     | 3   | 3    | 34     | 54     | 0.3       | 3.6     | 0.73  | 92.3      | 35.6503 | 22.8862 |
| 2009 | 6     | 3   | 3    | 44     | 54     | 0.3       | 3.6     | 0.8   | 92.1      | 35.6503 | 24.9636 |
| 2009 | 6     | 3   | 3    | 54     | 54     | 0.3       | 3.6     | 0.74  | 91        | 35.6503 | 23.0938 |
| 2009 | 6     | 3   | 4    | 4      | 54     | 0.3       | 3.6     | 0.76  | 93        | 35.6161 | 23.5897 |
| 2009 | 6     | 3   | 4    | 14     | 54     | 0.3       | 3.6     | 0.8   | 91.7      | 35.6161 | 24.939  |
| 2009 | 6     | 3   | 4    | 24     | 54     | 0.3       | 3.6     | 0.78  | 92.6      | 35.6161 | 24.5237 |
| 2009 | 6     | 3   | 4    | 34     | 54     | 0.3       | 3.6     | 0.74  | 93.6      | 35.6161 | 22.9673 |
| 2009 | 6     | 3   | 4    | 44     | 54     | 0.3       | 3.6     | 0.73  | 95.2      | 35.5819 | 22.6337 |
| 2009 | 6     | 3   | 4    | 54     | 54     | 0.3       | 3.6     | 0.77  | 95.2      | 35.5819 | 23.8773 |
| 2009 | 6     | 3   | 5    | 4      | 54     | 0.3       | 3.6     | 0.75  | 92.5      | 35.5819 | 23.2554 |
| 2009 | 6     | 3   | 5    | 14     | 54     | 0.3       | 3.6     | 0.72  | 93.9      | 35.5477 | 22.5075 |
| 2009 | 6     | 3   | 5    | 24     | 54     | 0.3       | 3.6     | 0.76  | 95.4      | 35.5477 | 23.7501 |
| 2009 | 6     | 3   | 5    | 34     | 54     | 0.3       | 3.6     | 0.78  | 94.1      | 35.5477 | 24.3716 |
| 2009 | 6     | 3   | 5    | 44     | 54     | 0.3       | 3.6     | 0.73  | 92.6      | 35.5135 | 22.6922 |
| 2009 | 6     | 3   | 5    | 54     | 54     | 0.3       | 3.6     | 0.71  | 93.7      | 35.4793 | 21.9449 |
| 2009 | 6     | 3   | 6    | 4      | 54     | 0.3       | 3.6     | 0.74  | 92.3      | 35.4793 | 22.8763 |
| 2009 | 6     | 3   | 6    | 14     | 54     | 0.3       | 3.6     | 0.76  | 93.5      | 35.4451 | 23.4729 |
| 2009 | 6     | 3   | 6    | 24     | 54     | 0.3       | 3.6     | 0.68  | 95.8      | 35.4108 | 20.9714 |
| 2009 | 6     | 3   | 6    | 34     | 54     | 0.3       | 3.6     | 0.72  | 93.7      | 35.4108 | 22.3146 |
| 2009 | 6     | 3   | 6    | 44     | 54     | 0.3       | 3.6     | 0.76  | 92.5      | 35.4108 | 23.4495 |
| 2009 | 6     | 3   | 6    | 54     | 54     | 0.3       | 3.6     | 0.71  | 92.7      | 35.3424 | 21.8574 |
| 2009 | 6     | 3   | 7    | 4      | 54     | 0.3       | 3.6     | 0.71  | 93.7      | 35.3424 | 21.8574 |
| 2009 | 6     | 3   | 7    | 14     | 54     | 0.3       | 3.6     | 0.68  | 96.1      | 35.3424 | 20.8264 |
| 2009 | 6     | 3   | 7    | 24     | 54     | 0.3       | 3.6     | 0.79  | 92.4      | 35.3082 | 24.408  |
| 2009 | 6     | 3   | 7    | 34     | 54     | 0.3       | 3.6     | 0.75  | 91.3      | 35.3082 | 23.1738 |
| 2009 | 6     | 3   | 7    | 44     | 54     | 0.3       | 3.6     | 0.72  | 96        | 35.3082 | 22.2477 |
| 2009 | 6     | 3   | 7    | 54     | 54     | 0.3       | 3.6     | 0.7   | 93.5      | 35.2739 | 21.7107 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 3   | 8    | 4      | 54     | 0.3       | 3.6     | 0.7   | 91.1      | 35.2739 | 21.6078 |
| 2009 | 6     | 3   | 8    | 14     | 54     | 0.3       | 3.6     | 0.74  | 91.3      | 35.2739 | 22.9452 |
| 2009 | 6     | 3   | 8    | 24     | 54     | 0.3       | 3.6     | 0.69  | 93.3      | 35.2739 | 21.2991 |
| 2009 | 6     | 3   | 8    | 34     | 54     | 0.3       | 3.6     | 0.7   | 92.1      | 35.2739 | 21.7107 |
| 2009 | 6     | 3   | 8    | 44     | 54     | 0.3       | 3.6     | 0.72  | 92.6      | 35.2397 | 22.2031 |
| 2009 | 6     | 3   | 8    | 54     | 54     | 0.3       | 3.6     | 0.67  | 94.7      | 35.2397 | 20.7639 |
| 2009 | 6     | 3   | 9    | 4      | 54     | 0.3       | 3.6     | 0.65  | 95.8      | 35.2397 | 20.0448 |
| 2009 | 6     | 3   | 9    | 14     | 54     | 0.3       | 3.6     | 0.75  | 93.2      | 35.2054 | 23.2068 |
| 2009 | 6     | 3   | 9    | 24     | 54     | 0.3       | 3.6     | 0.72  | 95.8      | 35.2397 | 21.9974 |
| 2009 | 6     | 3   | 9    | 34     | 54     | 0.3       | 3.6     | 0.73  | 91.3      | 35.2054 | 22.3863 |
| 2009 | 6     | 3   | 9    | 44     | 54     | 0.3       | 3.6     | 0.69  | 93.8      | 35.2397 | 21.2777 |
| 2009 | 6     | 3   | 9    | 54     | 54     | 0.3       | 3.6     | 0.67  | 94.8      | 35.2054 | 20.4351 |
| 2009 | 6     | 3   | 10   | 4      | 54     | 0.3       | 3.6     | 0.76  | 91.7      | 35.2054 | 23.6169 |
| 2009 | 6     | 3   | 10   | 14     | 54     | 0.3       | 3.6     | 0.71  | 93.4      | 35.1712 | 21.9532 |
| 2009 | 6     | 3   | 10   | 24     | 54     | 0.3       | 3.6     | 0.67  | 92.3      | 35.1712 | 20.5171 |
| 2009 | 6     | 3   | 10   | 34     | 54     | 0.3       | 3.6     | 0.72  | 91.1      | 35.1712 | 22.0559 |
| 2009 | 6     | 3   | 10   | 44     | 54     | 0.3       | 3.6     | 0.68  | 93.9      | 35.1712 | 21.0299 |
| 2009 | 6     | 3   | 10   | 54     | 54     | 0.3       | 3.6     | 0.69  | 94.3      | 35.1712 | 21.3376 |
| 2009 | 6     | 3   | 11   | 4      | 54     | 0.3       | 3.6     | 0.7   | 91.9      | 35.1369 | 21.4186 |
| 2009 | 6     | 3   | 11   | 14     | 54     | 0.3       | 3.6     | 0.73  | 93.1      | 35.1369 | 22.5464 |
| 2009 | 6     | 3   | 11   | 24     | 54     | 0.3       | 3.6     | 0.71  | 93.4      | 35.1027 | 21.8067 |
| 2009 | 6     | 3   | 11   | 34     | 54     | 0.3       | 3.6     | 0.73  | 92.6      | 35.1027 | 22.4213 |
| 2009 | 6     | 3   | 11   | 44     | 54     | 0.3       | 3.6     | 0.7   | 96.7      | 35.0684 | 21.4778 |
| 2009 | 6     | 3   | 11   | 54     | 54     | 0.3       | 3.6     | 0.74  | 91.8      | 35.0684 | 22.7053 |
| 2009 | 6     | 3   | 12   | 4      | 54     | 0.3       | 3.6     | 0.78  | 92.7      | 35.0342 | 23.9066 |
| 2009 | 6     | 3   | 12   | 14     | 54     | 0.3       | 3.6     | 0.7   | 94.3      | 34.9999 | 21.5365 |
| 2009 | 6     | 3   | 12   | 24     | 54     | 0.3       | 3.6     | 0.72  | 92.1      | 34.9657 | 22.0247 |
| 2009 | 6     | 3   | 12   | 34     | 54     | 0.3       | 3.6     | 0.73  | 92.3      | 34.9314 | 22.3082 |
| 2009 | 6     | 3   | 12   | 44     | 54     | 0.3       | 3.6     | 0.77  | 91        | 34.9314 | 23.6309 |
| 2009 | 6     | 3   | 12   | 54     | 54     | 0.3       | 3.6     | 0.7   | 92.1      | 34.8971 | 21.4711 |
| 2009 | 6     | 3   | 13   | 4      | 54     | 0.3       | 3.6     | 0.76  | 91.2      | 34.8971 | 23.4037 |
| 2009 | 6     | 3   | 13   | 14     | 54     | 0.3       | 3.6     | 0.67  | 96.4      | 34.8971 | 20.4536 |
| 2009 | 6     | 3   | 13   | 24     | 54     | 0.3       | 3.6     | 0.72  | 91.3      | 34.8971 | 21.8783 |
| 2009 | 6     | 3   | 13   | 34     | 54     | 0.3       | 3.6     | 0.71  | 96.6      | 34.8971 | 21.5729 |
| 2009 | 6     | 3   | 13   | 44     | 54     | 0.3       | 3.6     | 0.68  | 94.1      | 34.8971 | 20.8606 |
| 2009 | 6     | 3   | 13   | 54     | 54     | 0.3       | 3.6     | 0.71  | 92.7      | 34.8971 | 21.5729 |
| 2009 | 6     | 3   | 14   | 4      | 54     | 0.3       | 3.6     | 0.71  | 94.5      | 34.8971 | 21.7765 |
| 2009 | 6     | 3   | 14   | 14     | 54     | 0.3       | 3.6     | 0.7   | 88.7      | 34.8971 | 21.3694 |
| 2009 | 6     | 3   | 14   | 24     | 54     | 0.3       | 3.6     | 0.71  | 95.3      | 34.8971 | 21.4711 |
| 2009 | 6     | 3   | 14   | 34     | 54     | 0.3       | 3.6     | 0.69  | 91.9      | 34.8971 | 21.0641 |
| 2009 | 6     | 3   | 14   | 44     | 54     | 0.3       | 3.6     | 0.71  | 95.3      | 34.8286 | 21.4278 |
| 2009 | 6     | 3   | 14   | 54     | 54     | 0.3       | 3.6     | 0.76  | 90.7      | 34.8628 | 23.177  |
| 2009 | 6     | 3   | 15   | 4      | 54     | 0.3       | 3.6     | 0.68  | 91.9      | 34.8286 | 20.7169 |
| 2009 | 6     | 3   | 15   | 14     | 54     | 0.3       | 3.6     | 0.68  | 90.6      | 34.8628 | 20.7378 |
| 2009 | 6     | 3   | 15   | 24     | 54     | 0.3       | 3.6     | 0.74  | 91.3      | 34.8286 | 22.4439 |
| 2009 | 6     | 3   | 15   | 34     | 54     | 0.3       | 3.6     | 0.64  | 96.2      | 34.8286 | 19.3976 |
| 2009 | 6     | 3   | 15   | 44     | 54     | 0.3       | 3.6     | 0.74  | 90.5      | 34.8286 | 22.5455 |
| 2009 | 6     | 3   | 15   | 54     | 54     | 0.3       | 3.6     | 0.74  | 92        | 34.7943 | 22.6242 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 3   | 16   | 4      | 54     | 0.3       | 3.6     | 0.69  | 90.8      | 34.7943 | 21.1019 |
| 2009 | 6     | 3   | 16   | 14     | 54     | 0.3       | 3.6     | 0.74  | 91.3      | 34.7943 | 22.5229 |
| 2009 | 6     | 3   | 16   | 24     | 54     | 0.3       | 3.6     | 0.71  | 92.6      | 34.7943 | 21.7108 |
| 2009 | 6     | 3   | 16   | 34     | 54     | 0.3       | 3.6     | 0.74  | 93.3      | 34.7943 | 22.6242 |
| 2009 | 6     | 3   | 16   | 44     | 54     | 0.3       | 3.6     | 0.76  | 90.5      | 34.7943 | 23.3333 |
| 2009 | 6     | 3   | 16   | 54     | 54     | 0.3       | 3.6     | 0.75  | 91.8      | 34.7943 | 22.7255 |
| 2009 | 6     | 3   | 17   | 4      | 54     | 0.3       | 3.6     | 0.72  | 90        | 34.76   | 21.7904 |
| 2009 | 6     | 3   | 17   | 14     | 54     | 0.3       | 3.6     | 0.75  | 92        | 34.76   | 22.7027 |
| 2009 | 6     | 3   | 17   | 24     | 54     | 0.3       | 3.6     | 0.73  | 90        | 34.76   | 22.196  |
| 2009 | 6     | 3   | 17   | 34     | 54     | 0.3       | 3.6     | 0.68  | 93.1      | 34.76   | 20.574  |
| 2009 | 6     | 3   | 17   | 44     | 54     | 0.3       | 3.6     | 0.74  | 90.8      | 34.76   | 22.6015 |
| 2009 | 6     | 3   | 17   | 54     | 54     | 0.3       | 3.6     | 0.76  | 89.8      | 34.76   | 23.1075 |
| 2009 | 6     | 3   | 18   | 4      | 54     | 0.3       | 3.6     | 0.69  | 91.4      | 34.76   | 20.9794 |
| 2009 | 6     | 3   | 18   | 14     | 54     | 0.3       | 3.6     | 0.74  | 89.7      | 34.76   | 22.6015 |
| 2009 | 6     | 3   | 18   | 24     | 54     | 0.3       | 3.6     | 0.68  | 90        | 34.76   | 20.7767 |
| 2009 | 6     | 3   | 18   | 34     | 54     | 0.3       | 3.6     | 0.76  | 87.3      | 34.7257 | 23.1854 |
| 2009 | 6     | 3   | 18   | 44     | 54     | 0.3       | 3.6     | 0.76  | 86.8      | 34.7257 | 23.1854 |
| 2009 | 6     | 3   | 18   | 54     | 54     | 0.3       | 3.6     | 0.68  | 91.4      | 34.7257 | 20.7558 |
| 2009 | 6     | 3   | 19   | 4      | 54     | 0.3       | 3.6     | 0.68  | 91.1      | 34.7257 | 20.5534 |
| 2009 | 6     | 3   | 19   | 14     | 54     | 0.3       | 3.6     | 0.68  | 88.6      | 34.7257 | 20.5534 |
| 2009 | 6     | 3   | 19   | 24     | 54     | 0.3       | 3.6     | 0.75  | 90        | 34.7257 | 22.9832 |
| 2009 | 6     | 3   | 19   | 34     | 54     | 0.3       | 3.6     | 0.73  | 92.3      | 34.6914 | 22.0502 |
| 2009 | 6     | 3   | 19   | 44     | 54     | 0.3       | 3.6     | 0.72  | 90.3      | 34.6914 | 21.8478 |
| 2009 | 6     | 3   | 19   | 54     | 54     | 0.3       | 3.6     | 0.69  | 91.4      | 34.6914 | 21.0384 |
| 2009 | 6     | 3   | 20   | 4      | 54     | 0.3       | 3.6     | 0.71  | 92.9      | 34.6914 | 21.6454 |
| 2009 | 6     | 3   | 20   | 14     | 54     | 0.3       | 3.6     | 0.7   | 93.2      | 34.6571 | 21.2193 |
| 2009 | 6     | 3   | 20   | 24     | 54     | 0.3       | 3.6     | 0.77  | 91.5      | 34.6571 | 23.4416 |
| 2009 | 6     | 3   | 20   | 34     | 54     | 0.3       | 3.6     | 0.74  | 93.5      | 34.6571 | 22.5335 |
| 2009 | 6     | 3   | 20   | 44     | 54     | 0.3       | 3.6     | 0.74  | 92        | 34.6571 | 22.3314 |
| 2009 | 6     | 3   | 20   | 54     | 54     | 0.3       | 3.6     | 0.73  | 93.1      | 34.6228 | 22.2078 |
| 2009 | 6     | 3   | 21   | 4      | 54     | 0.3       | 3.6     | 0.75  | 92.8      | 34.6228 | 22.8132 |
| 2009 | 6     | 3   | 21   | 14     | 54     | 0.3       | 3.6     | 0.74  | 91.3      | 34.5885 | 22.3873 |
| 2009 | 6     | 3   | 21   | 24     | 54     | 0.3       | 3.6     | 0.74  | 89.2      | 34.5885 | 22.3873 |
| 2009 | 6     | 3   | 21   | 34     | 54     | 0.3       | 3.6     | 0.72  | 92.9      | 34.5885 | 21.7818 |
| 2009 | 6     | 3   | 21   | 44     | 54     | 0.3       | 3.6     | 0.72  | 91.8      | 34.5542 | 21.659  |
| 2009 | 6     | 3   | 21   | 54     | 54     | 0.3       | 3.6     | 0.77  | 89.8      | 34.5542 | 23.2702 |
| 2009 | 6     | 3   | 22   | 4      | 54     | 0.3       | 3.6     | 0.69  | 95.2      | 34.5199 | 20.8318 |
| 2009 | 6     | 3   | 22   | 14     | 54     | 0.3       | 3.6     | 0.74  | 92.6      | 34.4856 | 22.2188 |
| 2009 | 6     | 3   | 22   | 24     | 54     | 0.3       | 3.6     | 0.77  | 92.7      | 34.4856 | 23.1229 |
| 2009 | 6     | 3   | 22   | 34     | 54     | 0.3       | 3.6     | 0.78  | 93.6      | 34.4856 | 23.4241 |
| 2009 | 6     | 3   | 22   | 44     | 54     | 0.3       | 3.6     | 0.76  | 92        | 34.4513 | 23.0995 |
| 2009 | 6     | 3   | 22   | 54     | 54     | 0.3       | 3.6     | 0.74  | 93        | 34.4513 | 22.3974 |
| 2009 | 6     | 3   | 23   | 4      | 54     | 0.3       | 3.6     | 0.74  | 92.3      | 34.4513 | 22.1963 |
| 2009 | 6     | 3   | 23   | 14     | 54     | 0.3       | 3.6     | 0.69  | 92.7      | 34.417  | 20.7685 |
| 2009 | 6     | 3   | 23   | 24     | 54     | 0.3       | 3.6     | 0.76  | 93.5      | 34.417  | 22.9759 |
| 2009 | 6     | 3   | 23   | 34     | 54     | 0.3       | 3.6     | 0.69  | 92.5      | 34.417  | 20.6682 |
| 2009 | 6     | 3   | 23   | 44     | 54     | 0.3       | 3.6     | 0.69  | 95.2      | 34.3827 | 20.6472 |
| 2009 | 6     | 3   | 23   | 54     | 54     | 0.3       | 3.6     | 0.67  | 93.9      | 34.3827 | 20.2463 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 4   | 0    | 4      | 54     | 0.3       | 3.6     | 0.77  | 91.5      | 34.3827 | 23.2529 |
| 2009 | 6     | 4   | 0    | 14     | 54     | 0.3       | 3.6     | 0.73  | 93.4      | 34.3827 | 21.9506 |
| 2009 | 6     | 4   | 0    | 24     | 54     | 0.3       | 3.6     | 0.73  | 90        | 34.3827 | 22.0509 |
| 2009 | 6     | 4   | 0    | 34     | 54     | 0.3       | 3.6     | 0.75  | 92.5      | 34.3484 | 22.6294 |
| 2009 | 6     | 4   | 0    | 44     | 54     | 0.3       | 3.6     | 0.72  | 94.2      | 34.3484 | 21.7279 |
| 2009 | 6     | 4   | 0    | 54     | 54     | 0.3       | 3.6     | 0.73  | 92.3      | 34.3484 | 22.0285 |
| 2009 | 6     | 4   | 1    | 4      | 54     | 0.3       | 3.6     | 0.73  | 91.8      | 34.3484 | 21.9283 |
| 2009 | 6     | 4   | 1    | 14     | 54     | 0.3       | 3.6     | 0.74  | 91.3      | 34.3141 | 22.3065 |
| 2009 | 6     | 4   | 1    | 24     | 54     | 0.3       | 3.6     | 0.73  | 91        | 34.3141 | 21.8059 |
| 2009 | 6     | 4   | 1    | 34     | 54     | 0.3       | 3.6     | 0.75  | 91.8      | 34.3141 | 22.4066 |
| 2009 | 6     | 4   | 1    | 44     | 54     | 0.3       | 3.6     | 0.71  | 92.7      | 34.3141 | 21.2054 |
| 2009 | 6     | 4   | 1    | 54     | 54     | 0.3       | 3.6     | 0.68  | 94.1      | 34.3141 | 20.4052 |
| 2009 | 6     | 4   | 2    | 4      | 54     | 0.3       | 3.6     | 0.71  | 92.7      | 34.3141 | 21.2054 |
| 2009 | 6     | 4   | 2    | 14     | 54     | 0.3       | 3.6     | 0.76  | 93.7      | 34.2797 | 22.8828 |
| 2009 | 6     | 4   | 2    | 24     | 54     | 0.3       | 3.6     | 0.67  | 95.3      | 34.2797 | 20.0847 |
| 2009 | 6     | 4   | 2    | 34     | 54     | 0.3       | 3.6     | 0.67  | 95.4      | 34.2797 | 19.8849 |
| 2009 | 6     | 4   | 2    | 44     | 54     | 0.3       | 3.6     | 0.69  | 93.3      | 34.2797 | 20.784  |
| 2009 | 6     | 4   | 2    | 54     | 54     | 0.3       | 3.6     | 0.77  | 93.4      | 34.2797 | 23.0824 |
| 2009 | 6     | 4   | 3    | 4      | 54     | 0.3       | 3.6     | 0.75  | 91.8      | 34.2797 | 22.5834 |
| 2009 | 6     | 4   | 3    | 14     | 54     | 0.3       | 3.6     | 0.72  | 93.4      | 34.2454 | 21.6616 |
| 2009 | 6     | 4   | 3    | 24     | 54     | 0.3       | 3.6     | 0.76  | 91.5      | 34.2454 | 22.9592 |
| 2009 | 6     | 4   | 3    | 34     | 54     | 0.3       | 3.6     | 0.79  | 92.9      | 34.2454 | 23.5574 |
| 2009 | 6     | 4   | 3    | 44     | 54     | 0.3       | 3.6     | 0.75  | 94.3      | 34.2454 | 22.3609 |
| 2009 | 6     | 4   | 3    | 54     | 54     | 0.3       | 3.6     | 0.78  | 94.4      | 34.2454 | 23.2583 |
| 2009 | 6     | 4   | 4    | 4      | 54     | 0.3       | 3.6     | 0.74  | 91.3      | 34.2454 | 22.3609 |
| 2009 | 6     | 4   | 4    | 14     | 54     | 0.3       | 3.6     | 0.71  | 91.3      | 34.2111 | 21.1406 |
| 2009 | 6     | 4   | 4    | 24     | 54     | 0.3       | 3.6     | 0.71  | 96.1      | 34.2454 | 21.1622 |
| 2009 | 6     | 4   | 4    | 34     | 54     | 0.3       | 3.6     | 0.74  | 91.3      | 34.2111 | 22.1385 |
| 2009 | 6     | 4   | 4    | 44     | 54     | 0.3       | 3.6     | 0.72  | 90        | 34.2111 | 21.5397 |
| 2009 | 6     | 4   | 4    | 54     | 54     | 0.3       | 3.6     | 0.75  | 92.5      | 34.2111 | 22.3381 |
| 2009 | 6     | 4   | 5    | 4      | 54     | 0.3       | 3.6     | 0.68  | 96.1      | 34.2111 | 20.3428 |
| 2009 | 6     | 4   | 5    | 14     | 54     | 0.3       | 3.6     | 0.72  | 90.8      | 34.2111 | 21.6394 |
| 2009 | 6     | 4   | 5    | 24     | 54     | 0.3       | 3.6     | 0.75  | 92.5      | 34.2111 | 22.3381 |
| 2009 | 6     | 4   | 5    | 34     | 54     | 0.3       | 3.6     | 0.7   | 91.3      | 34.2111 | 21.0408 |
| 2009 | 6     | 4   | 5    | 44     | 54     | 0.3       | 3.6     | 0.74  | 93.1      | 34.1768 | 22.0161 |
| 2009 | 6     | 4   | 5    | 54     | 54     | 0.3       | 3.6     | 0.74  | 91.3      | 34.1768 | 22.3153 |
| 2009 | 6     | 4   | 6    | 4      | 54     | 0.3       | 3.6     | 0.72  | 94.4      | 34.1768 | 21.6173 |
| 2009 | 6     | 4   | 6    | 14     | 54     | 0.3       | 3.6     | 0.69  | 93.8      | 34.1768 | 20.7204 |
| 2009 | 6     | 4   | 6    | 24     | 54     | 0.3       | 3.6     | 0.72  | 91        | 34.1768 | 21.6173 |
| 2009 | 6     | 4   | 6    | 34     | 54     | 0.3       | 3.6     | 0.73  | 92.3      | 34.1768 | 21.8167 |
| 2009 | 6     | 4   | 6    | 44     | 54     | 0.3       | 3.6     | 0.73  | 95.7      | 34.1768 | 21.6173 |
| 2009 | 6     | 4   | 6    | 54     | 54     | 0.3       | 3.6     | 0.69  | 93.8      | 34.1768 | 20.7204 |
| 2009 | 6     | 4   | 7    | 4      | 54     | 0.3       | 3.6     | 0.72  | 95.5      | 34.1768 | 21.418  |
| 2009 | 6     | 4   | 7    | 14     | 54     | 0.3       | 3.6     | 0.74  | 91.5      | 34.1768 | 22.0161 |
| 2009 | 6     | 4   | 7    | 24     | 54     | 0.3       | 3.6     | 0.73  | 93.3      | 34.1424 | 21.894  |
| 2009 | 6     | 4   | 7    | 34     | 54     | 0.3       | 3.6     | 0.65  | 94.4      | 34.1424 | 19.3066 |
| 2009 | 6     | 4   | 7    | 44     | 54     | 0.3       | 3.6     | 0.69  | 91.4      | 34.1424 | 20.6992 |
| 2009 | 6     | 4   | 7    | 54     | 54     | 0.3       | 3.6     | 0.71  | 91.6      | 34.1424 | 21.1969 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 4   | 8    | 4      | 54     | 0.3       | 3.6     | 0.73  | 94.4      | 34.1424 | 21.7944 |
| 2009 | 6     | 4   | 8    | 14     | 54     | 0.3       | 3.6     | 0.75  | 94.7      | 34.1424 | 22.4915 |
| 2009 | 6     | 4   | 8    | 24     | 54     | 0.3       | 3.6     | 0.7   | 96.4      | 34.1424 | 20.8983 |
| 2009 | 6     | 4   | 8    | 34     | 54     | 0.3       | 3.6     | 0.73  | 94.4      | 34.1424 | 21.7944 |
| 2009 | 6     | 4   | 8    | 44     | 54     | 0.3       | 3.6     | 0.7   | 96.2      | 34.1424 | 20.8983 |
| 2009 | 6     | 4   | 8    | 54     | 54     | 0.3       | 3.6     | 0.77  | 91.5      | 34.1424 | 23.1872 |
| 2009 | 6     | 4   | 9    | 4      | 54     | 0.3       | 3.6     | 0.72  | 94.7      | 34.1424 | 21.3961 |
| 2009 | 6     | 4   | 9    | 14     | 54     | 0.3       | 3.6     | 0.66  | 94.2      | 34.1424 | 19.8038 |
| 2009 | 6     | 4   | 9    | 24     | 54     | 0.3       | 3.6     | 0.72  | 91        | 34.1081 | 21.4736 |
| 2009 | 6     | 4   | 9    | 34     | 54     | 0.3       | 3.6     | 0.63  | 97.2      | 34.1081 | 18.5917 |
| 2009 | 6     | 4   | 9    | 44     | 54     | 0.3       | 3.6     | 0.71  | 95.1      | 34.1081 | 21.0758 |
| 2009 | 6     | 4   | 9    | 54     | 54     | 0.3       | 3.6     | 0.73  | 90        | 34.1081 | 21.7721 |
| 2009 | 6     | 4   | 10   | 4      | 54     | 0.3       | 3.6     | 0.66  | 94        | 34.1081 | 19.7835 |
| 2009 | 6     | 4   | 10   | 14     | 54     | 0.3       | 3.6     | 0.68  | 95.8      | 34.1081 | 20.181  |
| 2009 | 6     | 4   | 10   | 24     | 54     | 0.3       | 3.6     | 0.66  | 94        | 34.1081 | 19.5848 |
| 2009 | 6     | 4   | 10   | 34     | 54     | 0.3       | 3.6     | 0.63  | 94.8      | 34.1081 | 18.5917 |
| 2009 | 6     | 4   | 10   | 44     | 54     | 0.3       | 3.6     | 0.68  | 94.9      | 34.1081 | 20.3798 |
| 2009 | 6     | 4   | 10   | 54     | 54     | 0.3       | 3.6     | 0.71  | 94        | 34.0738 | 21.0542 |
| 2009 | 6     | 4   | 11   | 4      | 54     | 0.3       | 3.6     | 0.72  | 95        | 34.0738 | 21.3522 |
| 2009 | 6     | 4   | 11   | 14     | 54     | 0.3       | 3.6     | 0.69  | 94.1      | 34.0738 | 20.4582 |
| 2009 | 6     | 4   | 11   | 24     | 54     | 0.3       | 3.6     | 0.62  | 97.9      | 34.0394 | 18.3555 |
| 2009 | 6     | 4   | 11   | 34     | 54     | 0.3       | 3.6     | 0.68  | 95.5      | 34.0394 | 20.2388 |
| 2009 | 6     | 4   | 11   | 44     | 54     | 0.3       | 3.6     | 0.65  | 92.3      | 34.0051 | 19.2275 |
| 2009 | 6     | 4   | 11   | 54     | 54     | 0.3       | 3.6     | 0.73  | 93.1      | 34.0051 | 21.7051 |
| 2009 | 6     | 4   | 12   | 4      | 54     | 0.3       | 3.6     | 0.69  | 92.7      | 34.0051 | 20.4162 |
| 2009 | 6     | 4   | 12   | 14     | 54     | 0.3       | 3.6     | 0.63  | 96        | 33.9707 | 18.5154 |
| 2009 | 6     | 4   | 12   | 24     | 54     | 0.3       | 3.6     | 0.6   | 94.4      | 34.0051 | 17.743  |
| 2009 | 6     | 4   | 12   | 34     | 54     | 0.3       | 3.6     | 0.66  | 92.6      | 33.9707 | 19.6034 |
| 2009 | 6     | 4   | 12   | 44     | 54     | 0.3       | 3.6     | 0.61  | 94        | 33.9707 | 17.9224 |
| 2009 | 6     | 4   | 12   | 54     | 54     | 0.3       | 3.6     | 0.71  | 96.4      | 33.9707 | 20.9893 |
| 2009 | 6     | 4   | 13   | 4      | 54     | 0.3       | 3.6     | 0.74  | 92        | 33.9707 | 21.98   |
| 2009 | 6     | 4   | 13   | 14     | 54     | 0.3       | 3.6     | 0.72  | 92.4      | 33.9707 | 21.3855 |
| 2009 | 6     | 4   | 13   | 24     | 54     | 0.3       | 3.6     | 0.66  | 95.4      | 34.0051 | 19.5245 |
| 2009 | 6     | 4   | 13   | 34     | 54     | 0.3       | 3.6     | 0.63  | 94.2      | 34.0051 | 18.5345 |
| 2009 | 6     | 4   | 13   | 44     | 54     | 0.3       | 3.6     | 0.65  | 92        | 34.0051 | 19.3265 |
| 2009 | 6     | 4   | 13   | 54     | 54     | 0.3       | 3.6     | 0.7   | 92.2      | 34.0394 | 20.7348 |
| 2009 | 6     | 4   | 14   | 4      | 54     | 0.3       | 3.6     | 0.63  | 91.2      | 34.0051 | 18.8314 |
| 2009 | 6     | 4   | 14   | 14     | 54     | 0.3       | 3.6     | 0.59  | 98.6      | 34.0051 | 17.3475 |
| 2009 | 6     | 4   | 14   | 24     | 54     | 0.3       | 3.6     | 0.67  | 96.7      | 34.0051 | 19.8217 |
| 2009 | 6     | 4   | 14   | 34     | 54     | 0.3       | 3.6     | 0.71  | 92.7      | 34.0051 | 21.0109 |
| 2009 | 6     | 4   | 14   | 44     | 54     | 0.3       | 3.6     | 0.64  | 94.7      | 34.0051 | 18.9304 |
| 2009 | 6     | 4   | 14   | 54     | 54     | 0.3       | 3.6     | 0.72  | 93.4      | 34.0051 | 21.4075 |
| 2009 | 6     | 4   | 15   | 4      | 54     | 0.3       | 3.6     | 0.69  | 92.7      | 34.0051 | 20.5153 |
| 2009 | 6     | 4   | 15   | 14     | 54     | 0.3       | 3.6     | 0.64  | 94.1      | 34.0051 | 19.1285 |
| 2009 | 6     | 4   | 15   | 24     | 54     | 0.3       | 3.6     | 0.63  | 94.2      | 34.0051 | 18.7325 |
| 2009 | 6     | 4   | 15   | 34     | 54     | 0.3       | 3.6     | 0.68  | 95.5      | 34.0051 | 20.218  |
| 2009 | 6     | 4   | 15   | 44     | 54     | 0.3       | 3.6     | 0.69  | 91.6      | 34.0051 | 20.4162 |
| 2009 | 6     | 4   | 15   | 54     | 54     | 0.3       | 3.3     | 0.7   | 91.3      | 34.0051 | 20.8127 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 4   | 16   | 4      | 54     | 0.3       | 3.3     | 0.66  | 91.1      | 34.0051 | 19.7226 |
| 2009 | 6     | 4   | 16   | 14     | 54     | 0.3       | 3.3     | 0.67  | 92.8      | 34.0051 | 19.8217 |
| 2009 | 6     | 4   | 16   | 24     | 54     | 0.3       | 3.3     | 0.72  | 89.5      | 33.9707 | 21.2865 |
| 2009 | 6     | 4   | 16   | 34     | 54     | 0.3       | 3.3     | 0.69  | 91.4      | 34.0051 | 20.6144 |
| 2009 | 6     | 4   | 16   | 44     | 54     | 0.3       | 3.3     | 0.65  | 93.7      | 33.9707 | 19.4055 |
| 2009 | 6     | 4   | 16   | 54     | 54     | 0.3       | 3.3     | 0.7   | 91.6      | 34.0051 | 20.9118 |
| 2009 | 6     | 4   | 17   | 4      | 54     | 0.3       | 3.3     | 0.64  | 93.2      | 34.0051 | 19.1285 |
| 2009 | 6     | 4   | 17   | 14     | 54     | 0.3       | 3.3     | 0.62  | 91.5      | 33.9707 | 18.5154 |
| 2009 | 6     | 4   | 17   | 24     | 54     | 0.3       | 3.3     | 0.65  | 93.2      | 33.9707 | 19.3066 |
| 2009 | 6     | 4   | 17   | 34     | 54     | 0.3       | 3.3     | 0.63  | 91.2      | 33.9707 | 18.8121 |
| 2009 | 6     | 4   | 17   | 44     | 54     | 0.3       | 3.3     | 0.67  | 92.5      | 33.9707 | 19.8013 |
| 2009 | 6     | 4   | 17   | 54     | 54     | 0.3       | 3.3     | 0.73  | 90.8      | 33.9707 | 21.5837 |
| 2009 | 6     | 4   | 18   | 4      | 54     | 0.3       | 3.3     | 0.65  | 89.7      | 33.9707 | 19.4055 |
| 2009 | 6     | 4   | 18   | 14     | 54     | 0.3       | 3.3     | 0.66  | 91.4      | 33.9364 | 19.6821 |
| 2009 | 6     | 4   | 18   | 24     | 54     | 0.3       | 3.3     | 0.7   | 93.5      | 33.9707 | 20.7912 |
| 2009 | 6     | 4   | 18   | 34     | 54     | 0.3       | 3.3     | 0.64  | 94.7      | 33.9364 | 18.7927 |
| 2009 | 6     | 4   | 18   | 44     | 54     | 0.3       | 3.3     | 0.68  | 93.9      | 33.9707 | 20.2962 |
| 2009 | 6     | 4   | 18   | 54     | 54     | 0.3       | 3.3     | 0.66  | 96        | 33.9364 | 19.3855 |
| 2009 | 6     | 4   | 19   | 4      | 54     | 0.3       | 3.3     | 0.73  | 92.8      | 33.9364 | 21.7594 |
| 2009 | 6     | 4   | 19   | 14     | 54     | 0.3       | 3.3     | 0.68  | 91.7      | 33.9364 | 20.0775 |
| 2009 | 6     | 4   | 19   | 24     | 54     | 0.3       | 3.3     | 0.7   | 90        | 33.9364 | 20.6709 |
| 2009 | 6     | 4   | 19   | 34     | 54     | 0.3       | 3.3     | 0.73  | 93.1      | 33.9364 | 21.6604 |
| 2009 | 6     | 4   | 19   | 44     | 54     | 0.3       | 3.3     | 0.72  | 90.8      | 33.9364 | 21.2645 |
| 2009 | 6     | 4   | 19   | 54     | 54     | 0.3       | 3.3     | 0.71  | 91.1      | 33.9364 | 21.1656 |
| 2009 | 6     | 4   | 20   | 4      | 54     | 0.3       | 3.3     | 0.69  | 93.5      | 33.9364 | 20.572  |
| 2009 | 6     | 4   | 20   | 14     | 54     | 0.3       | 3.3     | 0.67  | 94.8      | 33.902  | 19.6618 |
| 2009 | 6     | 4   | 20   | 24     | 54     | 0.3       | 3.3     | 0.7   | 93.2      | 33.902  | 20.6496 |
| 2009 | 6     | 4   | 20   | 34     | 54     | 0.3       | 3.3     | 0.71  | 92.4      | 33.902  | 21.1438 |
| 2009 | 6     | 4   | 20   | 44     | 54     | 0.3       | 3.3     | 0.71  | 91.6      | 33.902  | 21.0449 |
| 2009 | 6     | 4   | 20   | 54     | 54     | 0.3       | 3.3     | 0.73  | 91.3      | 33.902  | 21.6381 |
| 2009 | 6     | 4   | 21   | 4      | 54     | 0.3       | 3.3     | 0.67  | 94.8      | 33.902  | 19.6618 |
| 2009 | 6     | 4   | 21   | 14     | 54     | 0.3       | 3.6     | 0.7   | 92.7      | 33.902  | 20.8472 |
| 2009 | 6     | 4   | 21   | 24     | 54     | 0.3       | 3.6     | 0.68  | 94.1      | 33.902  | 20.2544 |
| 2009 | 6     | 4   | 21   | 34     | 54     | 0.3       | 3.6     | 0.67  | 93.1      | 33.902  | 19.8593 |
| 2009 | 6     | 4   | 21   | 44     | 54     | 0.3       | 3.6     | 0.72  | 96.8      | 33.902  | 21.3415 |
| 2009 | 6     | 4   | 21   | 54     | 54     | 0.3       | 3.6     | 0.74  | 92.3      | 33.8677 | 21.9121 |
| 2009 | 6     | 4   | 22   | 4      | 54     | 0.3       | 3.6     | 0.74  | 91.3      | 33.8677 | 22.1097 |
| 2009 | 6     | 4   | 22   | 14     | 54     | 0.3       | 3.6     | 0.66  | 96        | 33.8677 | 19.3456 |
| 2009 | 6     | 4   | 22   | 24     | 54     | 0.3       | 3.6     | 0.74  | 89.5      | 33.8677 | 21.9121 |
| 2009 | 6     | 4   | 22   | 34     | 54     | 0.3       | 3.6     | 0.71  | 91.3      | 33.8677 | 21.1219 |
| 2009 | 6     | 4   | 22   | 44     | 54     | 0.3       | 3.6     | 0.69  | 92.7      | 33.8677 | 20.4309 |
| 2009 | 6     | 4   | 22   | 54     | 54     | 0.3       | 3.6     | 0.75  | 92.8      | 33.8677 | 22.1097 |
| 2009 | 6     | 4   | 23   | 4      | 54     | 0.3       | 3.6     | 0.71  | 91.6      | 33.8677 | 21.0232 |
| 2009 | 6     | 4   | 23   | 14     | 54     | 0.3       | 3.6     | 0.73  | 95.2      | 33.8677 | 21.517  |
| 2009 | 6     | 4   | 23   | 24     | 54     | 0.3       | 3.6     | 0.73  | 94.1      | 33.8677 | 21.6158 |
| 2009 | 6     | 4   | 23   | 34     | 54     | 0.3       | 3.6     | 0.74  | 89.2      | 33.8677 | 22.0109 |
| 2009 | 6     | 4   | 23   | 44     | 54     | 0.3       | 3.6     | 0.68  | 93.3      | 33.8677 | 20.2335 |
| 2009 | 6     | 4   | 23   | 54     | 54     | 0.3       | 3.6     | 0.69  | 93.6      | 33.8333 | 20.3112 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 5   | 0    | 4      | 54     | 0.3       | 3.6     | 0.66  | 89.4      | 33.8333 | 19.5226 |
| 2009 | 6     | 5   | 0    | 14     | 54     | 0.3       | 3.6     | 0.69  | 93.8      | 33.8333 | 20.5084 |
| 2009 | 6     | 5   | 0    | 24     | 54     | 0.3       | 3.6     | 0.75  | 95        | 33.8333 | 22.1856 |
| 2009 | 6     | 5   | 0    | 34     | 54     | 0.3       | 3.6     | 0.7   | 92.1      | 33.8333 | 20.8042 |
| 2009 | 6     | 5   | 0    | 44     | 54     | 0.3       | 3.6     | 0.74  | 90        | 33.8333 | 21.9882 |
| 2009 | 6     | 5   | 0    | 54     | 54     | 0.3       | 3.6     | 0.73  | 93.4      | 33.8333 | 21.5934 |
| 2009 | 6     | 5   | 1    | 4      | 54     | 0.3       | 3.6     | 0.72  | 92.1      | 33.8333 | 21.2974 |
| 2009 | 6     | 5   | 1    | 14     | 54     | 0.3       | 3.6     | 0.7   | 92.7      | 33.8333 | 20.8042 |
| 2009 | 6     | 5   | 1    | 24     | 54     | 0.3       | 3.6     | 0.74  | 89        | 33.8333 | 21.8895 |
| 2009 | 6     | 5   | 1    | 34     | 54     | 0.3       | 3.6     | 0.7   | 93.5      | 33.8333 | 20.607  |
| 2009 | 6     | 5   | 1    | 44     | 54     | 0.3       | 3.6     | 0.68  | 90        | 33.8333 | 20.2126 |
| 2009 | 6     | 5   | 1    | 54     | 54     | 0.3       | 3.6     | 0.76  | 94.5      | 33.8333 | 22.383  |
| 2009 | 6     | 5   | 2    | 4      | 54     | 0.3       | 3.6     | 0.67  | 96.2      | 33.8333 | 19.7197 |
| 2009 | 6     | 5   | 2    | 14     | 54     | 0.3       | 3.6     | 0.7   | 94        | 33.8333 | 20.8042 |
| 2009 | 6     | 5   | 2    | 24     | 54     | 0.3       | 3.6     | 0.7   | 92.7      | 33.8333 | 20.7056 |
| 2009 | 6     | 5   | 2    | 34     | 54     | 0.3       | 3.6     | 0.72  | 92.6      | 33.8333 | 21.1988 |
| 2009 | 6     | 5   | 2    | 44     | 54     | 0.3       | 3.6     | 0.76  | 93.2      | 33.8333 | 22.58   |
| 2009 | 6     | 5   | 2    | 54     | 54     | 0.3       | 3.6     | 0.68  | 93.9      | 33.799  | 20.1917 |
| 2009 | 6     | 5   | 3    | 4      | 54     | 0.3       | 3.6     | 0.72  | 93.7      | 33.8333 | 21.2974 |
| 2009 | 6     | 5   | 3    | 14     | 54     | 0.3       | 3.6     | 0.7   | 95.1      | 33.8333 | 20.7056 |
| 2009 | 6     | 5   | 3    | 24     | 54     | 0.3       | 3.6     | 0.71  | 95        | 33.799  | 21.0783 |
| 2009 | 6     | 5   | 3    | 34     | 54     | 0.3       | 3.6     | 0.76  | 93        | 33.799  | 22.5567 |
| 2009 | 6     | 5   | 3    | 44     | 54     | 0.3       | 3.6     | 0.71  | 92.7      | 33.799  | 20.8812 |
| 2009 | 6     | 5   | 3    | 54     | 54     | 0.3       | 3.6     | 0.71  | 94        | 33.799  | 20.9798 |
| 2009 | 6     | 5   | 4    | 4      | 54     | 0.3       | 3.6     | 0.66  | 97.5      | 33.799  | 19.2072 |
| 2009 | 6     | 5   | 4    | 14     | 54     | 0.3       | 3.6     | 0.71  | 95.3      | 33.799  | 20.9798 |
| 2009 | 6     | 5   | 4    | 24     | 54     | 0.3       | 3.6     | 0.69  | 95.2      | 33.799  | 20.1917 |
| 2009 | 6     | 5   | 4    | 34     | 54     | 0.3       | 3.6     | 0.7   | 99.7      | 33.799  | 20.3886 |
| 2009 | 6     | 5   | 4    | 44     | 54     | 0.3       | 3.6     | 0.69  | 92.7      | 33.799  | 20.2902 |
| 2009 | 6     | 5   | 4    | 54     | 54     | 0.3       | 3.6     | 0.75  | 93.3      | 33.799  | 22.0641 |
| 2009 | 6     | 5   | 5    | 4      | 54     | 0.3       | 3.6     | 0.66  | 90.6      | 33.799  | 19.6009 |
| 2009 | 6     | 5   | 5    | 14     | 54     | 0.3       | 3.6     | 0.72  | 93.9      | 33.799  | 21.2754 |
| 2009 | 6     | 5   | 5    | 24     | 54     | 0.3       | 3.6     | 0.73  | 92.3      | 33.799  | 21.5711 |
| 2009 | 6     | 5   | 5    | 34     | 54     | 0.3       | 3.6     | 0.73  | 91.3      | 33.799  | 21.6697 |
| 2009 | 6     | 5   | 5    | 44     | 54     | 0.3       | 3.6     | 0.67  | 91.7      | 33.799  | 19.8962 |
| 2009 | 6     | 5   | 5    | 54     | 54     | 0.3       | 3.6     | 0.71  | 95        | 33.799  | 20.9798 |
| 2009 | 6     | 5   | 6    | 4      | 54     | 0.3       | 3.3     | 0.71  | 94        | 33.7646 | 21.0565 |
| 2009 | 6     | 5   | 6    | 14     | 54     | 0.3       | 3.3     | 0.64  | 94.1      | 33.7646 | 18.9907 |
| 2009 | 6     | 5   | 6    | 24     | 54     | 0.3       | 3.6     | 0.68  | 92.8      | 33.799  | 19.9947 |
| 2009 | 6     | 5   | 6    | 34     | 54     | 0.3       | 3.3     | 0.67  | 94.8      | 33.7646 | 19.7773 |
| 2009 | 6     | 5   | 6    | 44     | 54     | 0.3       | 3.6     | 0.69  | 92.5      | 33.799  | 20.2902 |
| 2009 | 6     | 5   | 6    | 54     | 54     | 0.3       | 3.3     | 0.69  | 93.8      | 33.7646 | 20.2691 |
| 2009 | 6     | 5   | 7    | 4      | 54     | 0.3       | 3.6     | 0.63  | 95.1      | 33.799  | 18.6168 |
| 2009 | 6     | 5   | 7    | 14     | 54     | 0.3       | 3.6     | 0.68  | 93.9      | 33.799  | 19.9947 |
| 2009 | 6     | 5   | 7    | 24     | 54     | 0.3       | 3.3     | 0.74  | 93.5      | 33.7646 | 21.9427 |
| 2009 | 6     | 5   | 7    | 34     | 54     | 0.3       | 3.6     | 0.75  | 90.3      | 33.799  | 22.1627 |
| 2009 | 6     | 5   | 7    | 44     | 54     | 0.3       | 3.3     | 0.69  | 93.3      | 33.7646 | 20.4659 |
| 2009 | 6     | 5   | 7    | 54     | 54     | 0.3       | 3.6     | 0.68  | 93.3      | 33.799  | 19.9947 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 5   | 8    | 4      | 54     | 0.3       | 3.3     | 0.71  | 95.6      | 33.7646 | 20.8596 |
| 2009 | 6     | 5   | 8    | 14     | 54     | 0.3       | 3.3     | 0.66  | 92.8      | 33.7646 | 19.5806 |
| 2009 | 6     | 5   | 8    | 24     | 54     | 0.3       | 3.6     | 0.68  | 94.1      | 33.799  | 20.0932 |
| 2009 | 6     | 5   | 8    | 34     | 54     | 0.3       | 3.3     | 0.7   | 93        | 33.7646 | 20.5643 |
| 2009 | 6     | 5   | 8    | 44     | 54     | 0.3       | 3.6     | 0.73  | 91.3      | 33.799  | 21.6697 |
| 2009 | 6     | 5   | 8    | 54     | 54     | 0.3       | 3.3     | 0.68  | 95.5      | 33.7646 | 20.0724 |
| 2009 | 6     | 5   | 9    | 4      | 54     | 0.3       | 3.6     | 0.69  | 95.2      | 33.799  | 20.2902 |
| 2009 | 6     | 5   | 9    | 14     | 54     | 0.3       | 3.6     | 0.7   | 93.8      | 33.799  | 20.5857 |
| 2009 | 6     | 5   | 9    | 24     | 54     | 0.3       | 3.3     | 0.7   | 94.8      | 33.7646 | 20.6628 |
| 2009 | 6     | 5   | 9    | 34     | 54     | 0.3       | 3.3     | 0.68  | 95.3      | 33.7646 | 19.974  |
| 2009 | 6     | 5   | 9    | 44     | 54     | 0.3       | 3.3     | 0.72  | 91.8      | 33.7646 | 21.2534 |
| 2009 | 6     | 5   | 9    | 54     | 54     | 0.3       | 3.3     | 0.71  | 95.9      | 33.7646 | 20.7612 |
| 2009 | 6     | 5   | 10   | 4      | 54     | 0.3       | 3.3     | 0.7   | 92.7      | 33.7646 | 20.7612 |
| 2009 | 6     | 5   | 10   | 14     | 54     | 0.3       | 3.6     | 0.64  | 91.5      | 33.799  | 18.8136 |
| 2009 | 6     | 5   | 10   | 24     | 54     | 0.3       | 3.3     | 0.67  | 96.2      | 33.7646 | 19.6789 |
| 2009 | 6     | 5   | 10   | 34     | 54     | 0.3       | 3.3     | 0.72  | 92.4      | 33.7646 | 21.2534 |
| 2009 | 6     | 5   | 10   | 44     | 54     | 0.3       | 3.3     | 0.69  | 97.1      | 33.7646 | 20.3675 |
| 2009 | 6     | 5   | 10   | 54     | 54     | 0.3       | 3.3     | 0.68  | 93.3      | 33.7646 | 20.1708 |
| 2009 | 6     | 5   | 11   | 4      | 54     | 0.3       | 3.3     | 0.7   | 93.5      | 33.7646 | 20.5643 |
| 2009 | 6     | 5   | 11   | 14     | 54     | 0.3       | 3.3     | 0.74  | 89        | 33.7646 | 21.7457 |
| 2009 | 6     | 5   | 11   | 24     | 54     | 0.3       | 3.3     | 0.71  | 93.7      | 33.7646 | 20.958  |
| 2009 | 6     | 5   | 11   | 34     | 54     | 0.3       | 3.3     | 0.67  | 94.5      | 33.7303 | 19.7568 |
| 2009 | 6     | 5   | 11   | 44     | 54     | 0.3       | 3.3     | 0.68  | 95.3      | 33.7646 | 19.8756 |
| 2009 | 6     | 5   | 11   | 54     | 54     | 0.3       | 3.3     | 0.66  | 93.1      | 33.7303 | 19.5603 |
| 2009 | 6     | 5   | 12   | 4      | 54     | 0.3       | 3.3     | 0.65  | 94.1      | 33.6959 | 19.0494 |
| 2009 | 6     | 5   | 12   | 14     | 54     | 0.3       | 3.3     | 0.7   | 96.5      | 33.6959 | 20.4235 |
| 2009 | 6     | 5   | 12   | 24     | 54     | 0.3       | 3.3     | 0.65  | 92.3      | 33.6615 | 19.0296 |
| 2009 | 6     | 5   | 12   | 34     | 54     | 0.3       | 3.3     | 0.6   | 95.4      | 33.6615 | 17.4625 |
| 2009 | 6     | 5   | 12   | 44     | 54     | 0.3       | 3.3     | 0.67  | 95.3      | 33.6615 | 19.7158 |
| 2009 | 6     | 5   | 12   | 54     | 54     | 0.3       | 3.3     | 0.67  | 95.3      | 33.6272 | 19.6953 |
| 2009 | 6     | 5   | 13   | 4      | 54     | 0.3       | 3.3     | 0.71  | 92.7      | 33.6272 | 20.7731 |
| 2009 | 6     | 5   | 13   | 14     | 54     | 0.3       | 3.3     | 0.69  | 91.1      | 33.6272 | 20.2831 |
| 2009 | 6     | 5   | 13   | 24     | 54     | 0.3       | 3.3     | 0.72  | 92.4      | 33.6272 | 21.0672 |
| 2009 | 6     | 5   | 13   | 34     | 54     | 0.3       | 3.3     | 0.68  | 95        | 33.6272 | 19.8912 |
| 2009 | 6     | 5   | 13   | 44     | 54     | 0.3       | 3.3     | 0.64  | 94.1      | 33.6272 | 18.7162 |
| 2009 | 6     | 5   | 13   | 54     | 54     | 0.3       | 3.3     | 0.67  | 93.9      | 33.6272 | 19.5973 |
| 2009 | 6     | 5   | 14   | 4      | 54     | 0.3       | 3.3     | 0.7   | 93        | 33.6272 | 20.4791 |
| 2009 | 6     | 5   | 14   | 14     | 54     | 0.3       | 3.3     | 0.67  | 94.8      | 33.6615 | 19.5197 |
| 2009 | 6     | 5   | 14   | 24     | 54     | 0.3       | 3.3     | 0.6   | 96.6      | 33.6272 | 17.4444 |
| 2009 | 6     | 5   | 14   | 34     | 54     | 0.3       | 3.3     | 0.66  | 95.7      | 33.6615 | 19.4217 |
| 2009 | 6     | 5   | 14   | 44     | 54     | 0.3       | 3.3     | 0.62  | 96.1      | 33.6272 | 18.129  |
| 2009 | 6     | 5   | 14   | 54     | 54     | 0.3       | 3.3     | 0.63  | 94.8      | 33.6272 | 18.4226 |
| 2009 | 6     | 5   | 15   | 4      | 54     | 0.3       | 3.3     | 0.66  | 95.1      | 33.6272 | 19.4015 |
| 2009 | 6     | 5   | 15   | 14     | 54     | 0.3       | 3.3     | 0.65  | 98.4      | 33.6272 | 18.9119 |
| 2009 | 6     | 5   | 15   | 24     | 54     | 0.3       | 3.3     | 0.65  | 94.7      | 33.6272 | 18.9119 |
| 2009 | 6     | 5   | 15   | 34     | 54     | 0.3       | 3.3     | 0.65  | 94        | 33.6272 | 19.1077 |
| 2009 | 6     | 5   | 15   | 44     | 54     | 0.3       | 3.3     | 0.64  | 95.3      | 33.6272 | 18.7162 |
| 2009 | 6     | 5   | 15   | 54     | 54     | 0.3       | 3.3     | 0.71  | 92.7      | 33.6272 | 20.7731 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 5   | 16   | 4      | 54     | 0.3       | 3.3     | 0.65  | 94        | 33.6272 | 19.1077 |
| 2009 | 6     | 5   | 16   | 14     | 54     | 0.3       | 3.3     | 0.66  | 99.5      | 33.6272 | 19.1077 |
| 2009 | 6     | 5   | 16   | 24     | 54     | 0.3       | 3.3     | 0.68  | 92.5      | 33.6272 | 19.9892 |
| 2009 | 6     | 5   | 16   | 34     | 54     | 0.3       | 3.3     | 0.71  | 95.6      | 33.6272 | 20.8711 |
| 2009 | 6     | 5   | 16   | 44     | 54     | 0.3       | 3.3     | 0.72  | 92.1      | 33.6272 | 21.1652 |
| 2009 | 6     | 5   | 16   | 54     | 54     | 0.3       | 3.3     | 0.68  | 95.2      | 33.6272 | 19.9892 |
| 2009 | 6     | 5   | 17   | 4      | 54     | 0.3       | 3.3     | 0.67  | 94.5      | 33.6272 | 19.5973 |
| 2009 | 6     | 5   | 17   | 14     | 54     | 0.3       | 3.3     | 0.66  | 92.6      | 33.6272 | 19.3035 |
| 2009 | 6     | 5   | 17   | 24     | 54     | 0.3       | 3.3     | 0.69  | 94.4      | 33.6615 | 20.2061 |
| 2009 | 6     | 5   | 17   | 34     | 54     | 0.3       | 3.3     | 0.7   | 90.8      | 33.6272 | 20.5771 |
| 2009 | 6     | 5   | 17   | 44     | 54     | 0.3       | 3.3     | 0.63  | 94.2      | 33.5928 | 18.5011 |
| 2009 | 6     | 5   | 17   | 54     | 54     | 0.3       | 3.3     | 0.66  | 96.3      | 33.6272 | 19.3035 |
| 2009 | 6     | 5   | 18   | 4      | 54     | 0.3       | 3.3     | 0.66  | 93.4      | 33.5928 | 19.2834 |
| 2009 | 6     | 5   | 18   | 14     | 54     | 0.3       | 3.3     | 0.63  | 97.8      | 33.5928 | 18.2079 |
| 2009 | 6     | 5   | 18   | 24     | 54     | 0.3       | 3.3     | 0.75  | 91.8      | 33.5928 | 22.123  |
| 2009 | 6     | 5   | 18   | 34     | 54     | 0.3       | 3.3     | 0.68  | 92.8      | 33.5928 | 20.0662 |
| 2009 | 6     | 5   | 18   | 44     | 54     | 0.3       | 3.3     | 0.67  | 97        | 33.5928 | 19.6748 |
| 2009 | 6     | 5   | 18   | 54     | 54     | 0.3       | 3.3     | 0.67  | 93.9      | 33.5928 | 19.6748 |
| 2009 | 6     | 5   | 19   | 4      | 54     | 0.3       | 3.3     | 0.72  | 92.9      | 33.5928 | 21.0453 |
| 2009 | 6     | 5   | 19   | 14     | 54     | 0.3       | 3.3     | 0.74  | 90.8      | 33.5584 | 21.8062 |
| 2009 | 6     | 5   | 19   | 24     | 54     | 0.3       | 3.3     | 0.71  | 91.9      | 33.5584 | 20.7299 |
| 2009 | 6     | 5   | 19   | 34     | 54     | 0.3       | 3.3     | 0.69  | 94.3      | 33.5584 | 20.3386 |
| 2009 | 6     | 5   | 19   | 44     | 54     | 0.3       | 3.3     | 0.69  | 90.5      | 33.5584 | 20.2409 |
| 2009 | 6     | 5   | 19   | 54     | 54     | 0.3       | 3.3     | 0.67  | 93.9      | 33.5584 | 19.752  |
| 2009 | 6     | 5   | 20   | 4      | 54     | 0.3       | 3.3     | 0.69  | 94.6      | 33.5584 | 20.2409 |
| 2009 | 6     | 5   | 20   | 14     | 54     | 0.3       | 3.3     | 0.67  | 92        | 33.5584 | 19.752  |
| 2009 | 6     | 5   | 20   | 24     | 54     | 0.3       | 3.3     | 0.68  | 91.7      | 33.5584 | 20.0453 |
| 2009 | 6     | 5   | 20   | 34     | 54     | 0.3       | 3.3     | 0.67  | 93.9      | 33.5584 | 19.752  |
| 2009 | 6     | 5   | 20   | 44     | 54     | 0.3       | 3.3     | 0.76  | 90.2      | 33.5584 | 22.3935 |
| 2009 | 6     | 5   | 20   | 54     | 54     | 0.3       | 3.3     | 0.73  | 92.6      | 33.5584 | 21.5126 |
| 2009 | 6     | 5   | 21   | 4      | 54     | 0.3       | 3.3     | 0.67  | 92        | 33.5584 | 19.5565 |
| 2009 | 6     | 5   | 21   | 14     | 54     | 0.3       | 3.3     | 0.68  | 94.4      | 33.524  | 19.9267 |
| 2009 | 6     | 5   | 21   | 24     | 54     | 0.3       | 3.3     | 0.73  | 90.8      | 33.524  | 21.3924 |
| 2009 | 6     | 5   | 21   | 34     | 54     | 0.3       | 3.3     | 0.71  | 91.3      | 33.524  | 20.7082 |
| 2009 | 6     | 5   | 21   | 44     | 54     | 0.3       | 3.3     | 0.72  | 93.7      | 33.524  | 21.0014 |
| 2009 | 6     | 5   | 21   | 54     | 54     | 0.3       | 3.3     | 0.77  | 91.2      | 33.524  | 22.6629 |
| 2009 | 6     | 5   | 22   | 4      | 54     | 0.3       | 3.3     | 0.72  | 93.1      | 33.524  | 21.1969 |
| 2009 | 6     | 5   | 22   | 14     | 54     | 0.3       | 3.3     | 0.69  | 94.1      | 33.524  | 20.2197 |
| 2009 | 6     | 5   | 22   | 24     | 54     | 0.3       | 3.3     | 0.71  | 93.2      | 33.524  | 20.7082 |
| 2009 | 6     | 5   | 22   | 34     | 54     | 0.3       | 3.3     | 0.72  | 91.8      | 33.524  | 21.1969 |
| 2009 | 6     | 5   | 22   | 44     | 54     | 0.3       | 3.3     | 0.71  | 93.4      | 33.524  | 20.806  |
| 2009 | 6     | 5   | 22   | 54     | 54     | 0.3       | 3.3     | 0.71  | 93.7      | 33.524  | 20.7082 |
| 2009 | 6     | 5   | 23   | 4      | 54     | 0.3       | 3.3     | 0.64  | 93.8      | 33.4897 | 18.8332 |
| 2009 | 6     | 5   | 23   | 14     | 54     | 0.3       | 3.3     | 0.65  | 93.5      | 33.4897 | 18.9306 |
| 2009 | 6     | 5   | 23   | 24     | 54     | 0.3       | 3.3     | 0.7   | 95.4      | 33.4897 | 20.3938 |
| 2009 | 6     | 5   | 23   | 34     | 54     | 0.3       | 3.3     | 0.7   | 92.1      | 33.4897 | 20.589  |
| 2009 | 6     | 5   | 23   | 44     | 54     | 0.3       | 3.3     | 0.71  | 94.5      | 33.4897 | 20.6866 |
| 2009 | 6     | 5   | 23   | 54     | 54     | 0.3       | 3.3     | 0.73  | 90.8      | 33.4897 | 21.2724 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 6   | 0    | 4      | 54     | 0.3       | 3.3     | 0.69  | 93        | 33.4897 | 20.2962 |
| 2009 | 6     | 6   | 0    | 14     | 54     | 0.3       | 3.3     | 0.68  | 92.2      | 33.4897 | 19.8084 |
| 2009 | 6     | 6   | 0    | 24     | 54     | 0.3       | 3.3     | 0.71  | 94.3      | 33.4897 | 20.6866 |
| 2009 | 6     | 6   | 0    | 34     | 54     | 0.3       | 3.3     | 0.74  | 94.1      | 33.4897 | 21.5654 |
| 2009 | 6     | 6   | 0    | 44     | 54     | 0.3       | 3.3     | 0.74  | 91.3      | 33.4897 | 21.7607 |
| 2009 | 6     | 6   | 0    | 54     | 54     | 0.3       | 3.3     | 0.68  | 92.2      | 33.4897 | 19.8084 |
| 2009 | 6     | 6   | 1    | 4      | 54     | 0.3       | 3.3     | 0.71  | 91.3      | 33.4897 | 20.7842 |
| 2009 | 6     | 6   | 1    | 14     | 54     | 0.3       | 3.3     | 0.69  | 92.7      | 33.4897 | 20.2962 |
| 2009 | 6     | 6   | 1    | 24     | 54     | 0.3       | 3.3     | 0.71  | 92.9      | 33.4553 | 20.665  |
| 2009 | 6     | 6   | 1    | 34     | 54     | 0.3       | 3.3     | 0.72  | 90        | 33.4553 | 21.1526 |
| 2009 | 6     | 6   | 1    | 44     | 54     | 0.3       | 3.3     | 0.64  | 95.6      | 33.4553 | 18.7161 |
| 2009 | 6     | 6   | 1    | 54     | 54     | 0.3       | 3.3     | 0.71  | 93.2      | 33.4553 | 20.7625 |
| 2009 | 6     | 6   | 2    | 4      | 54     | 0.3       | 3.3     | 0.71  | 88.9      | 33.4553 | 20.7625 |
| 2009 | 6     | 6   | 2    | 14     | 54     | 0.3       | 3.3     | 0.72  | 93.2      | 33.4553 | 20.9575 |
| 2009 | 6     | 6   | 2    | 24     | 54     | 0.3       | 3.3     | 0.66  | 95.4      | 33.4553 | 19.2031 |
| 2009 | 6     | 6   | 2    | 34     | 54     | 0.3       | 3.3     | 0.74  | 93.6      | 33.4553 | 21.5428 |
| 2009 | 6     | 6   | 2    | 44     | 54     | 0.3       | 3.3     | 0.7   | 94        | 33.4553 | 20.47   |
| 2009 | 6     | 6   | 2    | 54     | 54     | 0.3       | 3.3     | 0.7   | 93        | 33.4553 | 20.3725 |
| 2009 | 6     | 6   | 3    | 4      | 54     | 0.3       | 3.3     | 0.71  | 95        | 33.4553 | 20.86   |
| 2009 | 6     | 6   | 3    | 14     | 54     | 0.3       | 3.3     | 0.72  | 92.3      | 33.4553 | 21.1526 |
| 2009 | 6     | 6   | 3    | 24     | 54     | 0.3       | 3.3     | 0.77  | 88.8      | 33.4553 | 22.5183 |
| 2009 | 6     | 6   | 3    | 34     | 54     | 0.3       | 3.3     | 0.69  | 92.4      | 33.4553 | 20.275  |
| 2009 | 6     | 6   | 3    | 44     | 54     | 0.3       | 3.3     | 0.7   | 92.1      | 33.4553 | 20.5675 |
| 2009 | 6     | 6   | 3    | 54     | 54     | 0.3       | 3.3     | 0.68  | 97.2      | 33.4553 | 19.8851 |
| 2009 | 6     | 6   | 4    | 4      | 54     | 0.3       | 3.3     | 0.71  | 91.6      | 33.4553 | 20.665  |
| 2009 | 6     | 6   | 4    | 14     | 54     | 0.3       | 3.3     | 0.74  | 93.3      | 33.4553 | 21.6404 |
| 2009 | 6     | 6   | 4    | 24     | 54     | 0.3       | 3.3     | 0.68  | 91.1      | 33.4553 | 19.7876 |
| 2009 | 6     | 6   | 4    | 34     | 54     | 0.3       | 3.3     | 0.64  | 92.7      | 33.4553 | 18.6187 |
| 2009 | 6     | 6   | 4    | 44     | 54     | 0.3       | 3.3     | 0.71  | 95.6      | 33.4553 | 20.665  |
| 2009 | 6     | 6   | 4    | 54     | 54     | 0.3       | 3.3     | 0.7   | 92.7      | 33.4553 | 20.47   |
| 2009 | 6     | 6   | 5    | 4      | 54     | 0.3       | 3.3     | 0.66  | 95.4      | 33.4209 | 19.183  |
| 2009 | 6     | 6   | 5    | 14     | 54     | 0.3       | 3.3     | 0.69  | 91.9      | 33.4209 | 20.2538 |
| 2009 | 6     | 6   | 5    | 24     | 54     | 0.3       | 3.3     | 0.69  | 93.3      | 33.4553 | 20.275  |
| 2009 | 6     | 6   | 5    | 34     | 54     | 0.3       | 3.3     | 0.68  | 90        | 33.4553 | 19.9826 |
| 2009 | 6     | 6   | 5    | 44     | 54     | 0.3       | 3.3     | 0.74  | 92.3      | 33.4553 | 21.5428 |
| 2009 | 6     | 6   | 5    | 54     | 54     | 0.3       | 3.3     | 0.66  | 92.8      | 33.4553 | 19.3979 |
| 2009 | 6     | 6   | 6    | 4      | 54     | 0.3       | 3.3     | 0.69  | 93        | 33.4553 | 20.1775 |
| 2009 | 6     | 6   | 6    | 14     | 54     | 0.3       | 3.3     | 0.7   | 91.3      | 33.4553 | 20.47   |
| 2009 | 6     | 6   | 6    | 24     | 54     | 0.3       | 3.3     | 0.66  | 90.6      | 33.4553 | 19.3005 |
| 2009 | 6     | 6   | 6    | 34     | 54     | 0.3       | 3.3     | 0.67  | 93.9      | 33.4553 | 19.5928 |
| 2009 | 6     | 6   | 6    | 44     | 54     | 0.3       | 3.3     | 0.68  | 95.3      | 33.4209 | 19.6696 |
| 2009 | 6     | 6   | 6    | 54     | 54     | 0.3       | 3.3     | 0.66  | 96.6      | 33.4553 | 19.1057 |
| 2009 | 6     | 6   | 7    | 4      | 54     | 0.3       | 3.3     | 0.69  | 94.4      | 33.4553 | 20.1775 |
| 2009 | 6     | 6   | 7    | 14     | 54     | 0.3       | 3.3     | 0.68  | 94.1      | 33.4553 | 19.9826 |
| 2009 | 6     | 6   | 7    | 24     | 54     | 0.3       | 3.3     | 0.72  | 95        | 33.4553 | 20.9575 |
| 2009 | 6     | 6   | 7    | 34     | 54     | 0.3       | 3.3     | 0.68  | 93.9      | 33.4553 | 19.9826 |
| 2009 | 6     | 6   | 7    | 44     | 54     | 0.3       | 3.3     | 0.67  | 95.6      | 33.4553 | 19.4953 |
| 2009 | 6     | 6   | 7    | 54     | 54     | 0.3       | 3.3     | 0.66  | 96.6      | 33.4553 | 19.1057 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 6   | 8    | 4      | 54     | 0.3       | 3.3     | 0.69  | 91.6      | 33.4553 | 20.1775 |
| 2009 | 6     | 6   | 8    | 14     | 54     | 0.3       | 3.3     | 0.69  | 96.5      | 33.4553 | 20.1775 |
| 2009 | 6     | 6   | 8    | 24     | 54     | 0.3       | 3.3     | 0.67  | 93.6      | 33.4553 | 19.5928 |
| 2009 | 6     | 6   | 8    | 34     | 54     | 0.3       | 3.3     | 0.72  | 93.2      | 33.4553 | 20.9575 |
| 2009 | 6     | 6   | 8    | 44     | 54     | 0.3       | 3.3     | 0.69  | 93.3      | 33.4553 | 20.275  |
| 2009 | 6     | 6   | 8    | 54     | 54     | 0.3       | 3.3     | 0.69  | 94.4      | 33.4553 | 20.1775 |
| 2009 | 6     | 6   | 9    | 4      | 54     | 0.3       | 3.3     | 0.7   | 94.3      | 33.4553 | 20.47   |
| 2009 | 6     | 6   | 9    | 14     | 54     | 0.3       | 3.3     | 0.65  | 96.1      | 33.4553 | 18.9109 |
| 2009 | 6     | 6   | 9    | 24     | 54     | 0.3       | 3.3     | 0.65  | 96.3      | 33.4553 | 19.0083 |
| 2009 | 6     | 6   | 9    | 34     | 54     | 0.3       | 3.3     | 0.67  | 95.3      | 33.4553 | 19.4953 |
| 2009 | 6     | 6   | 9    | 44     | 54     | 0.3       | 3.3     | 0.66  | 95.4      | 33.4553 | 19.2031 |
| 2009 | 6     | 6   | 9    | 54     | 54     | 0.3       | 3.3     | 0.65  | 96.1      | 33.4553 | 18.9109 |
| 2009 | 6     | 6   | 10   | 4      | 54     | 0.3       | 3.3     | 0.65  | 94.1      | 33.4553 | 18.9109 |
| 2009 | 6     | 6   | 10   | 14     | 54     | 0.3       | 3.3     | 0.71  | 94.8      | 33.4553 | 20.665  |
| 2009 | 6     | 6   | 10   | 24     | 54     | 0.3       | 3.3     | 0.73  | 92.1      | 33.4553 | 21.3477 |
| 2009 | 6     | 6   | 10   | 34     | 54     | 0.3       | 3.3     | 0.74  | 93.8      | 33.4553 | 21.738  |
| 2009 | 6     | 6   | 10   | 44     | 54     | 0.3       | 3.3     | 0.63  | 97.2      | 33.4553 | 18.3266 |
| 2009 | 6     | 6   | 10   | 54     | 54     | 0.3       | 3.3     | 0.64  | 98.3      | 33.4553 | 18.424  |
| 2009 | 6     | 6   | 11   | 4      | 54     | 0.3       | 3.3     | 0.66  | 94.9      | 33.4553 | 19.2031 |
| 2009 | 6     | 6   | 11   | 14     | 54     | 0.3       | 3.3     | 0.7   | 96.4      | 33.4553 | 20.47   |
| 2009 | 6     | 6   | 11   | 24     | 54     | 0.3       | 3.3     | 0.63  | 95.4      | 33.4553 | 18.424  |
| 2009 | 6     | 6   | 11   | 34     | 54     | 0.3       | 3.3     | 0.67  | 94.8      | 33.4553 | 19.4953 |
| 2009 | 6     | 6   | 11   | 44     | 54     | 0.3       | 3.3     | 0.69  | 90.5      | 33.4553 | 20.275  |
| 2009 | 6     | 6   | 11   | 54     | 54     | 0.3       | 3.3     | 0.63  | 96.6      | 33.4553 | 18.2293 |
| 2009 | 6     | 6   | 12   | 4      | 54     | 0.3       | 3.3     | 0.67  | 93.9      | 33.4209 | 19.6696 |
| 2009 | 6     | 6   | 12   | 14     | 54     | 0.3       | 3.3     | 0.69  | 95.2      | 33.4553 | 20.08   |
| 2009 | 6     | 6   | 12   | 24     | 54     | 0.3       | 3.3     | 0.64  | 93.2      | 33.4553 | 18.8135 |
| 2009 | 6     | 6   | 12   | 34     | 54     | 0.3       | 3.3     | 0.67  | 94.2      | 33.4553 | 19.6902 |
| 2009 | 6     | 6   | 12   | 44     | 54     | 0.3       | 3.3     | 0.68  | 95.8      | 33.4209 | 19.8643 |
| 2009 | 6     | 6   | 12   | 54     | 54     | 0.3       | 3.3     | 0.7   | 95.1      | 33.4209 | 20.3512 |
| 2009 | 6     | 6   | 13   | 4      | 54     | 0.3       | 3.3     | 0.63  | 91.2      | 33.4209 | 18.502  |
| 2009 | 6     | 6   | 13   | 14     | 54     | 0.3       | 3.3     | 0.67  | 93.1      | 33.4209 | 19.5722 |
| 2009 | 6     | 6   | 13   | 24     | 54     | 0.3       | 3.3     | 0.69  | 92.7      | 33.4209 | 20.1564 |
| 2009 | 6     | 6   | 13   | 34     | 54     | 0.3       | 3.3     | 0.64  | 96.5      | 33.3865 | 18.4826 |
| 2009 | 6     | 6   | 13   | 44     | 54     | 0.3       | 3.3     | 0.66  | 95.1      | 33.4553 | 19.3005 |
| 2009 | 6     | 6   | 13   | 54     | 54     | 0.3       | 3.3     | 0.71  | 95.1      | 33.3865 | 20.6217 |
| 2009 | 6     | 6   | 14   | 4      | 54     | 0.3       | 3.3     | 0.67  | 97.1      | 33.3865 | 19.3573 |
| 2009 | 6     | 6   | 14   | 14     | 54     | 0.3       | 3.3     | 0.61  | 96.8      | 33.3865 | 17.7056 |
| 2009 | 6     | 6   | 14   | 24     | 54     | 0.3       | 3.3     | 0.64  | 94.4      | 33.3522 | 18.6573 |
| 2009 | 6     | 6   | 14   | 34     | 54     | 0.3       | 3.3     | 0.73  | 92.8      | 33.4209 | 21.2279 |
| 2009 | 6     | 6   | 14   | 44     | 54     | 0.3       | 3.3     | 0.63  | 92.7      | 33.3865 | 18.4826 |
| 2009 | 6     | 6   | 14   | 54     | 54     | 0.3       | 3.3     | 0.67  | 92.3      | 33.3522 | 19.4341 |
| 2009 | 6     | 6   | 15   | 4      | 54     | 0.3       | 3.3     | 0.63  | 93        | 33.3178 | 18.3469 |
| 2009 | 6     | 6   | 15   | 14     | 54     | 0.3       | 3.3     | 0.62  | 93        | 33.3522 | 17.978  |
| 2009 | 6     | 6   | 15   | 24     | 54     | 0.3       | 3.3     | 0.64  | 91.8      | 33.3178 | 18.5408 |
| 2009 | 6     | 6   | 15   | 34     | 54     | 0.3       | 3.3     | 0.68  | 94.1      | 33.3522 | 19.9198 |
| 2009 | 6     | 6   | 15   | 44     | 54     | 0.3       | 3.3     | 0.65  | 93.5      | 33.3522 | 19.0457 |
| 2009 | 6     | 6   | 15   | 54     | 54     | 0.3       | 3.3     | 0.67  | 90.8      | 33.3522 | 19.4341 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 6   | 16   | 4      | 54     | 0.3       | 3.3     | 0.64  | 94.7      | 33.3522 | 18.5603 |
| 2009 | 6     | 6   | 16   | 14     | 54     | 0.3       | 3.3     | 0.64  | 92.7      | 33.3178 | 18.5408 |
| 2009 | 6     | 6   | 16   | 24     | 54     | 0.3       | 3.3     | 0.73  | 92.8      | 33.3178 | 21.3555 |
| 2009 | 6     | 6   | 16   | 34     | 54     | 0.3       | 3.3     | 0.65  | 94.9      | 33.3178 | 18.8317 |
| 2009 | 6     | 6   | 16   | 44     | 54     | 0.3       | 3.3     | 0.65  | 94.1      | 33.3178 | 18.8317 |
| 2009 | 6     | 6   | 16   | 54     | 54     | 0.3       | 3.3     | 0.71  | 91.1      | 33.3178 | 20.7727 |
| 2009 | 6     | 6   | 17   | 4      | 54     | 0.3       | 3.3     | 0.69  | 90.8      | 33.3178 | 20.1901 |
| 2009 | 6     | 6   | 17   | 14     | 54     | 0.3       | 3.3     | 0.68  | 91.1      | 33.3178 | 19.8018 |
| 2009 | 6     | 6   | 17   | 24     | 54     | 0.3       | 3.3     | 0.67  | 91.4      | 33.3178 | 19.5107 |
| 2009 | 6     | 6   | 17   | 34     | 54     | 0.3       | 3.3     | 0.7   | 91.9      | 33.3178 | 20.2872 |
| 2009 | 6     | 6   | 17   | 44     | 54     | 0.3       | 3.3     | 0.74  | 95.1      | 33.3178 | 21.647  |
| 2009 | 6     | 6   | 17   | 54     | 54     | 0.3       | 3.3     | 0.66  | 94        | 33.3178 | 19.1227 |
| 2009 | 6     | 6   | 18   | 4      | 54     | 0.3       | 3.3     | 0.63  | 93.3      | 33.3178 | 18.2499 |
| 2009 | 6     | 6   | 18   | 14     | 54     | 0.3       | 3.3     | 0.73  | 89.7      | 33.3178 | 21.1612 |
| 2009 | 6     | 6   | 18   | 24     | 54     | 0.3       | 3.3     | 0.67  | 94.8      | 33.3178 | 19.3167 |
| 2009 | 6     | 6   | 18   | 34     | 54     | 0.3       | 3.3     | 0.66  | 96        | 33.3178 | 19.2197 |
| 2009 | 6     | 6   | 18   | 44     | 54     | 0.3       | 3.3     | 0.65  | 92.9      | 33.3178 | 18.8317 |
| 2009 | 6     | 6   | 18   | 54     | 54     | 0.3       | 3.3     | 0.69  | 93.3      | 33.3178 | 20.093  |
| 2009 | 6     | 6   | 19   | 4      | 54     | 0.3       | 3.3     | 0.68  | 93.1      | 33.3178 | 19.7048 |
| 2009 | 6     | 6   | 19   | 14     | 54     | 0.3       | 3.3     | 0.76  | 92.5      | 33.3178 | 22.0357 |
| 2009 | 6     | 6   | 19   | 24     | 54     | 0.3       | 3.3     | 0.65  | 92.9      | 33.3178 | 18.8317 |
| 2009 | 6     | 6   | 19   | 34     | 54     | 0.3       | 3.3     | 0.72  | 92.6      | 33.3178 | 20.8698 |
| 2009 | 6     | 6   | 19   | 44     | 54     | 0.3       | 3.3     | 0.66  | 96.9      | 33.3178 | 19.0257 |
| 2009 | 6     | 6   | 19   | 54     | 54     | 0.3       | 3.3     | 0.69  | 92.7      | 33.3178 | 20.093  |
| 2009 | 6     | 6   | 20   | 4      | 54     | 0.3       | 3.3     | 0.68  | 91.7      | 33.3178 | 19.7048 |
| 2009 | 6     | 6   | 20   | 14     | 54     | 0.3       | 3.3     | 0.71  | 93.7      | 33.3178 | 20.7727 |
| 2009 | 6     | 6   | 20   | 24     | 54     | 0.3       | 3.3     | 0.73  | 93.9      | 33.3178 | 21.1612 |
| 2009 | 6     | 6   | 20   | 34     | 54     | 0.3       | 3.3     | 0.68  | 93.9      | 33.3178 | 19.8989 |
| 2009 | 6     | 6   | 20   | 44     | 54     | 0.3       | 3.3     | 0.62  | 95.2      | 33.3178 | 17.9591 |
| 2009 | 6     | 6   | 20   | 54     | 54     | 0.3       | 3.3     | 0.72  | 93.2      | 33.3178 | 20.8698 |
| 2009 | 6     | 6   | 21   | 4      | 54     | 0.3       | 3.3     | 0.7   | 94.3      | 33.3178 | 20.4814 |
| 2009 | 6     | 6   | 21   | 14     | 54     | 0.3       | 3.3     | 0.68  | 93.1      | 33.3178 | 19.7048 |
| 2009 | 6     | 6   | 21   | 24     | 54     | 0.3       | 3.3     | 0.7   | 92.4      | 33.3178 | 20.2872 |
| 2009 | 6     | 6   | 21   | 34     | 54     | 0.3       | 3.3     | 0.75  | 91.3      | 33.3178 | 21.8414 |
| 2009 | 6     | 6   | 21   | 44     | 54     | 0.3       | 3.3     | 0.75  | 92.3      | 33.3178 | 21.8414 |
| 2009 | 6     | 6   | 21   | 54     | 54     | 0.3       | 3.3     | 0.71  | 94.5      | 33.3178 | 20.7727 |
| 2009 | 6     | 6   | 22   | 4      | 54     | 0.3       | 3.3     | 0.78  | 91.9      | 33.3178 | 22.9091 |
| 2009 | 6     | 6   | 22   | 14     | 54     | 0.3       | 3.3     | 0.67  | 92.8      | 33.3522 | 19.6284 |
| 2009 | 6     | 6   | 22   | 24     | 54     | 0.3       | 3.3     | 0.71  | 93.2      | 33.3178 | 20.7727 |
| 2009 | 6     | 6   | 22   | 34     | 54     | 0.3       | 3.3     | 0.73  | 94.7      | 33.3522 | 21.1834 |
| 2009 | 6     | 6   | 22   | 44     | 54     | 0.3       | 3.3     | 0.75  | 92        | 33.3522 | 21.9616 |
| 2009 | 6     | 6   | 22   | 54     | 54     | 0.3       | 3.3     | 0.76  | 91.2      | 33.3178 | 22.1329 |
| 2009 | 6     | 6   | 23   | 4      | 54     | 0.3       | 3.3     | 0.74  | 89.7      | 33.3522 | 21.6697 |
| 2009 | 6     | 6   | 23   | 14     | 54     | 0.3       | 3.3     | 0.74  | 91.5      | 33.3865 | 21.4978 |
| 2009 | 6     | 6   | 23   | 24     | 54     | 0.3       | 3.3     | 0.68  | 93.6      | 33.3865 | 19.7462 |
| 2009 | 6     | 6   | 23   | 34     | 54     | 0.3       | 3.3     | 0.66  | 91.7      | 33.3865 | 19.2601 |
| 2009 | 6     | 6   | 23   | 44     | 54     | 0.3       | 3.3     | 0.74  | 91.3      | 33.3865 | 21.4978 |
| 2009 | 6     | 6   | 23   | 54     | 54     | 0.3       | 3.3     | 0.72  | 94.7      | 33.3865 | 21.011  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 7   | 0    | 4      | 54     | 0.3       | 3.3     | 0.73  | 91.5      | 33.3865 | 21.303  |
| 2009 | 6     | 7   | 0    | 14     | 54     | 0.3       | 3.3     | 0.75  | 96        | 33.4209 | 21.9102 |
| 2009 | 6     | 7   | 0    | 24     | 54     | 0.3       | 3.3     | 0.74  | 95.1      | 33.4209 | 21.7152 |
| 2009 | 6     | 7   | 0    | 34     | 54     | 0.3       | 3.3     | 0.73  | 92.3      | 33.4209 | 21.2279 |
| 2009 | 6     | 7   | 0    | 44     | 54     | 0.3       | 3.3     | 0.75  | 93        | 33.4209 | 21.8127 |
| 2009 | 6     | 7   | 0    | 54     | 54     | 0.3       | 3.3     | 0.69  | 94.3      | 33.4209 | 20.2538 |
| 2009 | 6     | 7   | 1    | 4      | 54     | 0.3       | 3.3     | 0.68  | 92.8      | 33.4553 | 19.9826 |
| 2009 | 6     | 7   | 1    | 14     | 54     | 0.3       | 3.3     | 0.73  | 95.2      | 33.4553 | 21.2502 |
| 2009 | 6     | 7   | 1    | 24     | 54     | 0.3       | 3.3     | 0.74  | 92.3      | 33.4553 | 21.738  |
| 2009 | 6     | 7   | 1    | 34     | 54     | 0.3       | 3.3     | 0.71  | 91.3      | 33.4553 | 20.86   |
| 2009 | 6     | 7   | 1    | 44     | 54     | 0.3       | 3.3     | 0.76  | 92.2      | 33.4553 | 22.1284 |
| 2009 | 6     | 7   | 1    | 54     | 54     | 0.3       | 3.3     | 0.78  | 92.2      | 33.4897 | 23.0292 |
| 2009 | 6     | 7   | 2    | 4      | 54     | 0.3       | 3.3     | 0.74  | 94.1      | 33.4897 | 21.5654 |
| 2009 | 6     | 7   | 2    | 14     | 54     | 0.3       | 3.3     | 0.72  | 94.4      | 33.4897 | 21.1748 |
| 2009 | 6     | 7   | 2    | 24     | 54     | 0.3       | 3.3     | 0.76  | 92.7      | 33.4897 | 22.3469 |
| 2009 | 6     | 7   | 2    | 34     | 54     | 0.3       | 3.3     | 0.71  | 92.7      | 33.4897 | 20.7842 |
| 2009 | 6     | 7   | 2    | 44     | 54     | 0.3       | 3.3     | 0.72  | 94.2      | 33.4897 | 21.1748 |
| 2009 | 6     | 7   | 2    | 54     | 54     | 0.3       | 3.3     | 0.73  | 90.8      | 33.4897 | 21.3701 |
| 2009 | 6     | 7   | 3    | 4      | 54     | 0.3       | 3.3     | 0.72  | 94.7      | 33.4897 | 21.0771 |
| 2009 | 6     | 7   | 3    | 14     | 54     | 0.3       | 3.3     | 0.71  | 92.9      | 33.4897 | 20.6866 |
| 2009 | 6     | 7   | 3    | 24     | 54     | 0.3       | 3.3     | 0.69  | 92.2      | 33.4897 | 20.1986 |
| 2009 | 6     | 7   | 3    | 34     | 54     | 0.3       | 3.3     | 0.68  | 93.9      | 33.4897 | 19.8084 |
| 2009 | 6     | 7   | 3    | 44     | 54     | 0.3       | 3.3     | 0.71  | 96.7      | 33.4897 | 20.589  |
| 2009 | 6     | 7   | 3    | 54     | 54     | 0.3       | 3.3     | 0.7   | 93.5      | 33.4897 | 20.3938 |
| 2009 | 6     | 7   | 4    | 4      | 54     | 0.3       | 3.3     | 0.73  | 93.1      | 33.4897 | 21.2724 |
| 2009 | 6     | 7   | 4    | 14     | 54     | 0.3       | 3.3     | 0.76  | 90.7      | 33.4897 | 22.4444 |
| 2009 | 6     | 7   | 4    | 24     | 54     | 0.3       | 3.3     | 0.79  | 93.3      | 33.4897 | 23.1266 |
| 2009 | 6     | 7   | 4    | 34     | 54     | 0.3       | 3.3     | 0.7   | 91.6      | 33.4897 | 20.589  |
| 2009 | 6     | 7   | 4    | 44     | 54     | 0.3       | 3.3     | 0.68  | 94.4      | 33.4897 | 19.9059 |
| 2009 | 6     | 7   | 4    | 54     | 54     | 0.3       | 3.3     | 0.68  | 94.2      | 33.4897 | 19.8084 |
| 2009 | 6     | 7   | 5    | 4      | 54     | 0.3       | 3.3     | 0.72  | 92.6      | 33.4897 | 20.9795 |
| 2009 | 6     | 7   | 5    | 14     | 54     | 0.3       | 3.3     | 0.66  | 91.4      | 33.4897 | 19.2232 |
| 2009 | 6     | 7   | 5    | 24     | 54     | 0.3       | 3.3     | 0.71  | 92.7      | 33.4897 | 20.6866 |
| 2009 | 6     | 7   | 5    | 34     | 54     | 0.3       | 3.3     | 0.72  | 93.7      | 33.4897 | 20.9795 |
| 2009 | 6     | 7   | 5    | 44     | 54     | 0.3       | 3.3     | 0.71  | 92.1      | 33.4897 | 20.8818 |
| 2009 | 6     | 7   | 5    | 54     | 54     | 0.3       | 3.3     | 0.7   | 93.2      | 33.524  | 20.5128 |
| 2009 | 6     | 7   | 6    | 4      | 54     | 0.3       | 3.3     | 0.72  | 95.2      | 33.4897 | 21.0771 |
| 2009 | 6     | 7   | 6    | 14     | 54     | 0.3       | 3.3     | 0.71  | 94.7      | 33.524  | 20.9037 |
| 2009 | 6     | 7   | 6    | 24     | 54     | 0.3       | 3.3     | 0.74  | 92        | 33.524  | 21.6857 |
| 2009 | 6     | 7   | 6    | 34     | 54     | 0.3       | 3.3     | 0.71  | 93.4      | 33.524  | 20.9037 |
| 2009 | 6     | 7   | 6    | 44     | 54     | 0.3       | 3.3     | 0.71  | 93.7      | 33.524  | 20.806  |
| 2009 | 6     | 7   | 6    | 54     | 54     | 0.3       | 3.3     | 0.68  | 94.7      | 33.524  | 19.8291 |
| 2009 | 6     | 7   | 7    | 4      | 54     | 0.3       | 3.3     | 0.69  | 96.6      | 33.524  | 20.1221 |
| 2009 | 6     | 7   | 7    | 14     | 54     | 0.3       | 3.3     | 0.7   | 92.7      | 33.524  | 20.4151 |
| 2009 | 6     | 7   | 7    | 24     | 54     | 0.3       | 3.3     | 0.67  | 94.5      | 33.524  | 19.6338 |
| 2009 | 6     | 7   | 7    | 34     | 54     | 0.3       | 3.3     | 0.7   | 91.6      | 33.524  | 20.4151 |
| 2009 | 6     | 7   | 7    | 44     | 54     | 0.3       | 3.3     | 0.74  | 91.5      | 33.524  | 21.6857 |
| 2009 | 6     | 7   | 7    | 54     | 54     | 0.3       | 3.3     | 0.7   | 91.9      | 33.524  | 20.5128 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 7   | 8    | 4      | 54     | 0.3       | 3.3     | 0.73  | 91.5      | 33.5584 | 21.5126 |
| 2009 | 6     | 7   | 8    | 14     | 54     | 0.3       | 3.3     | 0.67  | 95.4      | 33.5584 | 19.4588 |
| 2009 | 6     | 7   | 8    | 24     | 54     | 0.3       | 3.3     | 0.67  | 93.4      | 33.5584 | 19.6543 |
| 2009 | 6     | 7   | 8    | 34     | 54     | 0.3       | 3.3     | 0.67  | 93.6      | 33.5584 | 19.752  |
| 2009 | 6     | 7   | 8    | 44     | 54     | 0.3       | 3.3     | 0.64  | 91.8      | 33.5584 | 18.7749 |
| 2009 | 6     | 7   | 8    | 54     | 54     | 0.3       | 3.3     | 0.7   | 93.2      | 33.5584 | 20.5342 |
| 2009 | 6     | 7   | 9    | 4      | 54     | 0.3       | 3.3     | 0.7   | 95.4      | 33.5584 | 20.3386 |
| 2009 | 6     | 7   | 9    | 14     | 54     | 0.3       | 3.3     | 0.63  | 95.9      | 33.5584 | 18.4818 |
| 2009 | 6     | 7   | 9    | 24     | 54     | 0.3       | 3.3     | 0.71  | 91.9      | 33.5584 | 20.8277 |
| 2009 | 6     | 7   | 9    | 34     | 54     | 0.3       | 3.3     | 0.68  | 95.8      | 33.5584 | 19.9475 |
| 2009 | 6     | 7   | 9    | 44     | 54     | 0.3       | 3.3     | 0.71  | 94.2      | 33.5928 | 20.9473 |
| 2009 | 6     | 7   | 9    | 54     | 54     | 0.3       | 3.3     | 0.65  | 97.3      | 33.5928 | 18.7944 |
| 2009 | 6     | 7   | 10   | 4      | 54     | 0.3       | 3.3     | 0.7   | 93.5      | 33.5928 | 20.4578 |
| 2009 | 6     | 7   | 10   | 14     | 54     | 0.3       | 3.3     | 0.67  | 94.2      | 33.5928 | 19.7726 |
| 2009 | 6     | 7   | 10   | 24     | 54     | 0.3       | 3.3     | 0.69  | 96.6      | 33.5928 | 20.1641 |
| 2009 | 6     | 7   | 10   | 34     | 54     | 0.3       | 3.3     | 0.74  | 91.5      | 33.5928 | 21.633  |
| 2009 | 6     | 7   | 10   | 44     | 54     | 0.3       | 3.3     | 0.66  | 94        | 33.5928 | 19.4791 |
| 2009 | 6     | 7   | 10   | 54     | 54     | 0.3       | 3.3     | 0.63  | 94.2      | 33.5928 | 18.3056 |
| 2009 | 6     | 7   | 11   | 4      | 54     | 0.3       | 3.3     | 0.7   | 95.1      | 33.5928 | 20.4578 |
| 2009 | 6     | 7   | 11   | 14     | 54     | 0.3       | 3.3     | 0.68  | 93.9      | 33.5928 | 20.0662 |
| 2009 | 6     | 7   | 11   | 24     | 54     | 0.3       | 3.3     | 0.64  | 94.4      | 33.6272 | 18.814  |
| 2009 | 6     | 7   | 11   | 34     | 54     | 0.3       | 3.3     | 0.68  | 93        | 33.6272 | 19.9892 |
| 2009 | 6     | 7   | 11   | 44     | 54     | 0.3       | 3.3     | 0.66  | 92.3      | 33.6272 | 19.4015 |
| 2009 | 6     | 7   | 11   | 54     | 54     | 0.3       | 3.3     | 0.69  | 96.6      | 33.6272 | 20.0871 |
| 2009 | 6     | 7   | 12   | 4      | 54     | 0.3       | 3.3     | 0.63  | 93.9      | 33.6272 | 18.5204 |
| 2009 | 6     | 7   | 12   | 14     | 54     | 0.3       | 3.3     | 0.67  | 98.2      | 33.6272 | 19.4015 |
| 2009 | 6     | 7   | 12   | 24     | 54     | 0.3       | 3.3     | 0.63  | 98.4      | 33.6272 | 18.2269 |
| 2009 | 6     | 7   | 12   | 34     | 54     | 0.3       | 3.3     | 0.63  | 92.7      | 33.6272 | 18.5204 |
| 2009 | 6     | 7   | 12   | 44     | 54     | 0.3       | 3.3     | 0.66  | 93.1      | 33.6272 | 19.4015 |
| 2009 | 6     | 7   | 12   | 54     | 54     | 0.3       | 3.3     | 0.66  | 96.3      | 33.6615 | 19.3236 |
| 2009 | 6     | 7   | 13   | 4      | 54     | 0.3       | 3.3     | 0.7   | 93.2      | 33.6615 | 20.5004 |
| 2009 | 6     | 7   | 13   | 14     | 54     | 0.3       | 3.3     | 0.74  | 93.3      | 33.6615 | 21.8745 |
| 2009 | 6     | 7   | 13   | 24     | 54     | 0.3       | 3.3     | 0.65  | 97.2      | 33.6615 | 19.1276 |
| 2009 | 6     | 7   | 13   | 34     | 54     | 0.3       | 3.3     | 0.71  | 95        | 33.6615 | 20.991  |
| 2009 | 6     | 7   | 13   | 44     | 54     | 0.3       | 3.3     | 0.65  | 95.8      | 33.6959 | 19.0494 |
| 2009 | 6     | 7   | 13   | 54     | 54     | 0.3       | 3.3     | 0.67  | 94.7      | 33.6959 | 19.8344 |
| 2009 | 6     | 7   | 14   | 4      | 54     | 0.3       | 3.3     | 0.66  | 94.2      | 33.6959 | 19.54   |
| 2009 | 6     | 7   | 14   | 14     | 54     | 0.3       | 3.3     | 0.63  | 96        | 33.6959 | 18.3629 |
| 2009 | 6     | 7   | 14   | 24     | 54     | 0.3       | 3.3     | 0.64  | 95.9      | 33.6959 | 18.657  |
| 2009 | 6     | 7   | 14   | 34     | 54     | 0.3       | 3.3     | 0.65  | 94.3      | 33.6959 | 19.1475 |
| 2009 | 6     | 7   | 14   | 44     | 54     | 0.3       | 3.3     | 0.61  | 97.7      | 33.6959 | 17.7747 |
| 2009 | 6     | 7   | 14   | 54     | 54     | 0.3       | 3.3     | 0.64  | 93        | 33.6959 | 18.7551 |
| 2009 | 6     | 7   | 15   | 4      | 54     | 0.3       | 3.3     | 0.65  | 92.9      | 33.6959 | 19.0494 |
| 2009 | 6     | 7   | 15   | 14     | 54     | 0.3       | 3.3     | 0.64  | 91.5      | 33.6959 | 18.9513 |
| 2009 | 6     | 7   | 15   | 24     | 54     | 0.3       | 3.3     | 0.66  | 92.6      | 33.6959 | 19.4419 |
| 2009 | 6     | 7   | 15   | 34     | 54     | 0.3       | 3.3     | 0.66  | 92.6      | 33.6959 | 19.54   |
| 2009 | 6     | 7   | 15   | 44     | 54     | 0.3       | 3.3     | 0.67  | 92.3      | 33.7303 | 19.6585 |
| 2009 | 6     | 7   | 15   | 54     | 54     | 0.3       | 3.3     | 0.64  | 94.4      | 33.6959 | 18.657  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 7   | 16   | 4      | 54     | 0.3       | 3.3     | 0.67  | 97.9      | 33.7303 | 19.4621 |
| 2009 | 6     | 7   | 16   | 14     | 54     | 0.3       | 3.3     | 0.7   | 92.7      | 33.7303 | 20.6413 |
| 2009 | 6     | 7   | 16   | 24     | 54     | 0.3       | 3.3     | 0.71  | 92.9      | 33.6959 | 20.9146 |
| 2009 | 6     | 7   | 16   | 34     | 54     | 0.3       | 3.3     | 0.67  | 91.4      | 33.7303 | 19.7568 |
| 2009 | 6     | 7   | 16   | 44     | 54     | 0.3       | 3.3     | 0.65  | 94.4      | 33.7303 | 19.0692 |
| 2009 | 6     | 7   | 16   | 54     | 54     | 0.3       | 3.3     | 0.63  | 96        | 33.7303 | 18.3819 |
| 2009 | 6     | 7   | 17   | 4      | 54     | 0.3       | 3.3     | 0.68  | 91.4      | 33.7303 | 20.0516 |
| 2009 | 6     | 7   | 17   | 14     | 54     | 0.3       | 3.3     | 0.71  | 90.5      | 33.7303 | 20.9363 |
| 2009 | 6     | 7   | 17   | 24     | 54     | 0.3       | 3.3     | 0.66  | 91.7      | 33.7303 | 19.3638 |
| 2009 | 6     | 7   | 17   | 34     | 54     | 0.3       | 3.3     | 0.64  | 92.1      | 33.7303 | 18.7746 |
| 2009 | 6     | 7   | 17   | 44     | 54     | 0.3       | 3.3     | 0.65  | 93.8      | 33.7303 | 19.1674 |
| 2009 | 6     | 7   | 17   | 54     | 54     | 0.3       | 3.3     | 0.63  | 95.4      | 33.7303 | 18.4801 |
| 2009 | 6     | 7   | 18   | 4      | 54     | 0.3       | 3.3     | 0.7   | 92.2      | 33.7303 | 20.543  |
| 2009 | 6     | 7   | 18   | 14     | 54     | 0.3       | 3.3     | 0.7   | 94.9      | 33.7303 | 20.543  |
| 2009 | 6     | 7   | 18   | 24     | 54     | 0.3       | 3.3     | 0.62  | 94.6      | 33.7303 | 18.1856 |
| 2009 | 6     | 7   | 18   | 34     | 54     | 0.3       | 3.3     | 0.66  | 93.7      | 33.7303 | 19.3638 |
| 2009 | 6     | 7   | 18   | 44     | 54     | 0.3       | 3.3     | 0.68  | 93.9      | 33.7303 | 20.0516 |
| 2009 | 6     | 7   | 18   | 54     | 54     | 0.3       | 3.3     | 0.69  | 92.7      | 33.7303 | 20.3464 |
| 2009 | 6     | 7   | 19   | 4      | 54     | 0.3       | 3.3     | 0.68  | 91.9      | 33.7303 | 19.9533 |
| 2009 | 6     | 7   | 19   | 14     | 54     | 0.3       | 3.3     | 0.61  | 95.9      | 33.7303 | 17.7931 |
| 2009 | 6     | 7   | 19   | 24     | 54     | 0.3       | 3.3     | 0.64  | 92.1      | 33.6959 | 18.7551 |
| 2009 | 6     | 7   | 19   | 34     | 54     | 0.3       | 3.3     | 0.68  | 95.5      | 33.7303 | 20.0516 |
| 2009 | 6     | 7   | 19   | 44     | 54     | 0.3       | 3.3     | 0.71  | 92.9      | 33.7303 | 20.9363 |
| 2009 | 6     | 7   | 19   | 54     | 54     | 0.3       | 3.3     | 0.76  | 91.7      | 33.6959 | 22.4867 |
| 2009 | 6     | 7   | 20   | 4      | 54     | 0.3       | 3.3     | 0.73  | 94.4      | 33.6959 | 21.4058 |
| 2009 | 6     | 7   | 20   | 14     | 54     | 0.3       | 3.3     | 0.67  | 93.9      | 33.6959 | 19.7363 |
| 2009 | 6     | 7   | 20   | 24     | 54     | 0.3       | 3.3     | 0.75  | 90.2      | 33.6959 | 22.2904 |
| 2009 | 6     | 7   | 20   | 34     | 54     | 0.3       | 3.3     | 0.75  | 89        | 33.6959 | 22.1921 |
| 2009 | 6     | 7   | 20   | 44     | 54     | 0.3       | 3.3     | 0.69  | 92.7      | 33.6959 | 20.3253 |
| 2009 | 6     | 7   | 20   | 54     | 54     | 0.3       | 3.3     | 0.75  | 91.5      | 33.6959 | 22.2904 |
| 2009 | 6     | 7   | 21   | 4      | 54     | 0.3       | 3.3     | 0.72  | 93.1      | 33.6959 | 21.2093 |
| 2009 | 6     | 7   | 21   | 14     | 54     | 0.3       | 3.3     | 0.76  | 93.2      | 33.6959 | 22.3887 |
| 2009 | 6     | 7   | 21   | 24     | 54     | 0.3       | 3.3     | 0.7   | 94.3      | 33.6959 | 20.6199 |
| 2009 | 6     | 7   | 21   | 34     | 54     | 0.3       | 3.3     | 0.73  | 91.6      | 33.6959 | 21.4058 |
| 2009 | 6     | 7   | 21   | 44     | 54     | 0.3       | 3.3     | 0.65  | 91.7      | 33.6959 | 19.1475 |
| 2009 | 6     | 7   | 21   | 54     | 54     | 0.3       | 3.3     | 0.73  | 91.3      | 33.6959 | 21.5041 |
| 2009 | 6     | 7   | 22   | 4      | 54     | 0.3       | 3.3     | 0.69  | 93.3      | 33.6959 | 20.2271 |
| 2009 | 6     | 7   | 22   | 14     | 54     | 0.3       | 3.3     | 0.72  | 93.4      | 33.6959 | 21.3076 |
| 2009 | 6     | 7   | 22   | 24     | 54     | 0.3       | 3.3     | 0.72  | 91.3      | 33.6959 | 21.3076 |
| 2009 | 6     | 7   | 22   | 34     | 54     | 0.3       | 3.3     | 0.73  | 94.1      | 33.6959 | 21.4058 |
| 2009 | 6     | 7   | 22   | 44     | 54     | 0.3       | 3.3     | 0.71  | 94.3      | 33.6959 | 20.8164 |
| 2009 | 6     | 7   | 22   | 54     | 54     | 0.3       | 3.3     | 0.73  | 93.9      | 33.6959 | 21.4058 |
| 2009 | 6     | 7   | 23   | 4      | 54     | 0.3       | 3.3     | 0.72  | 91.6      | 33.6615 | 21.2854 |
| 2009 | 6     | 7   | 23   | 14     | 54     | 0.3       | 3.3     | 0.73  | 93.1      | 33.6615 | 21.4818 |
| 2009 | 6     | 7   | 23   | 24     | 54     | 0.3       | 3.3     | 0.72  | 93.1      | 33.6615 | 21.2854 |
| 2009 | 6     | 7   | 23   | 34     | 54     | 0.3       | 3.3     | 0.74  | 92.3      | 33.6615 | 21.7763 |
| 2009 | 6     | 7   | 23   | 44     | 54     | 0.3       | 3.3     | 0.78  | 90        | 33.6615 | 23.1493 |
| 2009 | 6     | 7   | 23   | 54     | 54     | 0.3       | 3.3     | 0.74  | 93.8      | 33.6615 | 21.6781 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 8   | 0    | 4      | 54     | 0.3       | 3.3     | 0.78  | 92.2      | 33.6615 | 22.9533 |
| 2009 | 6     | 8   | 0    | 14     | 54     | 0.3       | 3.3     | 0.74  | 91.3      | 33.6615 | 21.8745 |
| 2009 | 6     | 8   | 0    | 24     | 54     | 0.3       | 3.3     | 0.73  | 91.3      | 33.6615 | 21.5799 |
| 2009 | 6     | 8   | 0    | 34     | 54     | 0.3       | 3.3     | 0.73  | 91.6      | 33.6615 | 21.3836 |
| 2009 | 6     | 8   | 0    | 44     | 54     | 0.3       | 3.3     | 0.75  | 91.5      | 33.6272 | 22.146  |
| 2009 | 6     | 8   | 0    | 54     | 54     | 0.3       | 3.3     | 0.78  | 88.3      | 33.6272 | 22.9295 |
| 2009 | 6     | 8   | 1    | 4      | 54     | 0.3       | 3.3     | 0.72  | 91.3      | 33.6272 | 21.1652 |
| 2009 | 6     | 8   | 1    | 14     | 54     | 0.3       | 3.3     | 0.78  | 92.4      | 33.6272 | 23.0274 |
| 2009 | 6     | 8   | 1    | 24     | 54     | 0.3       | 3.3     | 0.72  | 93.9      | 33.6272 | 21.0672 |
| 2009 | 6     | 8   | 1    | 34     | 54     | 0.3       | 3.3     | 0.75  | 93.5      | 33.6272 | 22.146  |
| 2009 | 6     | 8   | 1    | 44     | 54     | 0.3       | 3.3     | 0.71  | 91.8      | 33.6272 | 20.9692 |
| 2009 | 6     | 8   | 1    | 54     | 54     | 0.3       | 3.3     | 0.76  | 94.7      | 33.6272 | 22.3423 |
| 2009 | 6     | 8   | 2    | 4      | 54     | 0.3       | 3.3     | 0.71  | 94.2      | 33.6272 | 20.9692 |
| 2009 | 6     | 8   | 2    | 14     | 54     | 0.3       | 3.3     | 0.72  | 95.2      | 33.6272 | 21.2633 |
| 2009 | 6     | 8   | 2    | 24     | 54     | 0.3       | 3.3     | 0.76  | 92.5      | 33.5928 | 22.4168 |
| 2009 | 6     | 8   | 2    | 34     | 54     | 0.3       | 3.3     | 0.76  | 92.7      | 33.6272 | 22.3423 |
| 2009 | 6     | 8   | 2    | 44     | 54     | 0.3       | 3.3     | 0.73  | 93.9      | 33.5928 | 21.4371 |
| 2009 | 6     | 8   | 2    | 54     | 54     | 0.3       | 3.3     | 0.73  | 91        | 33.5928 | 21.4371 |
| 2009 | 6     | 8   | 3    | 4      | 54     | 0.3       | 3.3     | 0.73  | 92.1      | 33.5928 | 21.3391 |
| 2009 | 6     | 8   | 3    | 14     | 54     | 0.3       | 3.3     | 0.69  | 93.8      | 33.5928 | 20.3599 |
| 2009 | 6     | 8   | 3    | 24     | 54     | 0.3       | 3.3     | 0.75  | 92        | 33.5928 | 21.927  |
| 2009 | 6     | 8   | 3    | 34     | 54     | 0.3       | 3.3     | 0.7   | 94        | 33.5928 | 20.5557 |
| 2009 | 6     | 8   | 3    | 44     | 54     | 0.3       | 3.3     | 0.71  | 94.7      | 33.5928 | 20.9473 |
| 2009 | 6     | 8   | 3    | 54     | 54     | 0.3       | 3.3     | 0.69  | 94.1      | 33.5928 | 20.262  |
| 2009 | 6     | 8   | 4    | 4      | 54     | 0.3       | 3.3     | 0.65  | 92.6      | 33.5928 | 19.1856 |
| 2009 | 6     | 8   | 4    | 14     | 54     | 0.3       | 3.3     | 0.7   | 92.7      | 33.5584 | 20.4364 |
| 2009 | 6     | 8   | 4    | 24     | 54     | 0.3       | 3.3     | 0.76  | 93        | 33.5584 | 22.2957 |
| 2009 | 6     | 8   | 4    | 34     | 54     | 0.3       | 3.3     | 0.74  | 94.3      | 33.5584 | 21.8062 |
| 2009 | 6     | 8   | 4    | 44     | 54     | 0.3       | 3.3     | 0.67  | 95.4      | 33.5584 | 19.4588 |
| 2009 | 6     | 8   | 4    | 54     | 54     | 0.3       | 3.3     | 0.67  | 95.6      | 33.5584 | 19.6543 |
| 2009 | 6     | 8   | 5    | 4      | 54     | 0.3       | 3.3     | 0.68  | 92.8      | 33.5584 | 19.9475 |
| 2009 | 6     | 8   | 5    | 14     | 54     | 0.3       | 3.3     | 0.68  | 91.9      | 33.5584 | 19.8498 |
| 2009 | 6     | 8   | 5    | 24     | 54     | 0.3       | 3.3     | 0.71  | 93.7      | 33.5584 | 20.7299 |
| 2009 | 6     | 8   | 5    | 34     | 54     | 0.3       | 3.3     | 0.75  | 91.7      | 33.5584 | 22.1978 |
| 2009 | 6     | 8   | 5    | 44     | 54     | 0.3       | 3.3     | 0.69  | 96.6      | 33.5584 | 20.1431 |
| 2009 | 6     | 8   | 5    | 54     | 54     | 0.3       | 3.3     | 0.73  | 92.6      | 33.524  | 21.2946 |
| 2009 | 6     | 8   | 6    | 4      | 54     | 0.3       | 3.3     | 0.74  | 94.8      | 33.524  | 21.6857 |
| 2009 | 6     | 8   | 6    | 14     | 54     | 0.3       | 3.3     | 0.68  | 93.3      | 33.524  | 20.0244 |
| 2009 | 6     | 8   | 6    | 24     | 54     | 0.3       | 3.3     | 0.69  | 96.6      | 33.524  | 20.0244 |
| 2009 | 6     | 8   | 6    | 34     | 54     | 0.3       | 3.3     | 0.72  | 94.7      | 33.524  | 21.1969 |
| 2009 | 6     | 8   | 6    | 44     | 54     | 0.3       | 3.3     | 0.71  | 92.4      | 33.524  | 20.7082 |
| 2009 | 6     | 8   | 6    | 54     | 54     | 0.3       | 3.3     | 0.69  | 93.8      | 33.524  | 20.2197 |
| 2009 | 6     | 8   | 7    | 4      | 54     | 0.3       | 3.3     | 0.63  | 96.2      | 33.524  | 18.4626 |
| 2009 | 6     | 8   | 7    | 14     | 54     | 0.3       | 3.3     | 0.66  | 92.8      | 33.524  | 19.3409 |
| 2009 | 6     | 8   | 7    | 24     | 54     | 0.3       | 3.3     | 0.69  | 93.3      | 33.524  | 20.2197 |
| 2009 | 6     | 8   | 7    | 34     | 54     | 0.3       | 3.3     | 0.66  | 95.1      | 33.524  | 19.3409 |
| 2009 | 6     | 8   | 7    | 44     | 54     | 0.3       | 3.3     | 0.7   | 92.9      | 33.524  | 20.6105 |
| 2009 | 6     | 8   | 7    | 54     | 54     | 0.3       | 3.3     | 0.7   | 92.4      | 33.524  | 20.5128 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 8   | 8    | 4      | 54     | 0.3       | 3.3     | 0.66  | 92.9      | 33.524  | 19.2433 |
| 2009 | 6     | 8   | 8    | 14     | 54     | 0.3       | 3.3     | 0.72  | 91.8      | 33.524  | 21.1969 |
| 2009 | 6     | 8   | 8    | 24     | 54     | 0.3       | 3.3     | 0.65  | 92.3      | 33.524  | 19.1456 |
| 2009 | 6     | 8   | 8    | 34     | 54     | 0.3       | 3.3     | 0.74  | 92.3      | 33.4897 | 21.6631 |
| 2009 | 6     | 8   | 8    | 44     | 54     | 0.3       | 3.3     | 0.67  | 93.4      | 33.4897 | 19.7108 |
| 2009 | 6     | 8   | 8    | 54     | 54     | 0.3       | 3.3     | 0.71  | 91.1      | 33.4897 | 20.7842 |
| 2009 | 6     | 8   | 9    | 4      | 54     | 0.3       | 3.3     | 0.68  | 95.5      | 33.4897 | 19.8084 |
| 2009 | 6     | 8   | 9    | 14     | 54     | 0.3       | 3.3     | 0.7   | 92.4      | 33.4897 | 20.4914 |
| 2009 | 6     | 8   | 9    | 24     | 54     | 0.3       | 3.3     | 0.76  | 91        | 33.4897 | 22.2492 |
| 2009 | 6     | 8   | 9    | 34     | 54     | 0.3       | 3.3     | 0.69  | 92.2      | 33.4897 | 20.2962 |
| 2009 | 6     | 8   | 9    | 44     | 54     | 0.3       | 3.3     | 0.68  | 95        | 33.4553 | 19.8851 |
| 2009 | 6     | 8   | 9    | 54     | 54     | 0.3       | 3.3     | 0.69  | 90.8      | 33.4553 | 20.275  |
| 2009 | 6     | 8   | 10   | 4      | 54     | 0.3       | 3.3     | 0.67  | 94.2      | 33.4553 | 19.4953 |
| 2009 | 6     | 8   | 10   | 14     | 54     | 0.3       | 3.3     | 0.66  | 92.6      | 33.4553 | 19.2031 |
| 2009 | 6     | 8   | 10   | 24     | 54     | 0.3       | 3.3     | 0.63  | 94.8      | 33.4209 | 18.3075 |
| 2009 | 6     | 8   | 10   | 34     | 54     | 0.3       | 3.3     | 0.67  | 93.1      | 33.4209 | 19.5722 |
| 2009 | 6     | 8   | 10   | 44     | 54     | 0.3       | 3.3     | 0.69  | 93        | 33.4209 | 20.059  |
| 2009 | 6     | 8   | 10   | 54     | 54     | 0.3       | 3.3     | 0.68  | 91.7      | 33.4209 | 19.8643 |
| 2009 | 6     | 8   | 11   | 4      | 54     | 0.3       | 3.3     | 0.68  | 94.1      | 33.3865 | 19.8435 |
| 2009 | 6     | 8   | 11   | 14     | 54     | 0.3       | 3.3     | 0.64  | 93.8      | 33.3865 | 18.5797 |
| 2009 | 6     | 8   | 11   | 24     | 54     | 0.3       | 3.3     | 0.68  | 94.4      | 33.3522 | 19.7255 |
| 2009 | 6     | 8   | 11   | 34     | 54     | 0.3       | 3.3     | 0.7   | 94        | 33.3178 | 20.3843 |
| 2009 | 6     | 8   | 11   | 44     | 54     | 0.3       | 3.3     | 0.65  | 92.6      | 33.3178 | 19.0257 |
| 2009 | 6     | 8   | 11   | 54     | 54     | 0.3       | 3.3     | 0.66  | 93.4      | 33.3178 | 19.1227 |
| 2009 | 6     | 8   | 12   | 4      | 54     | 0.3       | 3.3     | 0.68  | 93.9      | 33.2834 | 19.6841 |
| 2009 | 6     | 8   | 12   | 14     | 54     | 0.3       | 3.3     | 0.64  | 96.5      | 33.2834 | 18.4244 |
| 2009 | 6     | 8   | 12   | 24     | 54     | 0.3       | 3.3     | 0.69  | 92.5      | 33.2834 | 19.9749 |
| 2009 | 6     | 8   | 12   | 34     | 54     | 0.3       | 3.3     | 0.64  | 92.4      | 33.3178 | 18.5408 |
| 2009 | 6     | 8   | 12   | 44     | 54     | 0.3       | 3.3     | 0.62  | 95.2      | 33.3178 | 17.8622 |
| 2009 | 6     | 8   | 12   | 54     | 54     | 0.3       | 3.3     | 0.67  | 90.8      | 33.3522 | 19.4341 |
| 2009 | 6     | 8   | 13   | 4      | 54     | 0.3       | 3.3     | 0.69  | 91.4      | 33.2834 | 19.9749 |
| 2009 | 6     | 8   | 13   | 14     | 54     | 0.3       | 3.3     | 0.62  | 91.2      | 33.2834 | 18.0371 |
| 2009 | 6     | 8   | 13   | 24     | 54     | 0.3       | 3.3     | 0.63  | 90        | 33.2834 | 18.3276 |
| 2009 | 6     | 8   | 13   | 34     | 54     | 0.3       | 3.3     | 0.65  | 96.1      | 33.3178 | 18.8317 |
| 2009 | 6     | 8   | 13   | 44     | 54     | 0.3       | 3.3     | 0.6   | 94.4      | 33.2834 | 17.2627 |
| 2009 | 6     | 8   | 13   | 54     | 54     | 0.3       | 3.3     | 0.63  | 95.4      | 33.2834 | 18.2307 |
| 2009 | 6     | 8   | 14   | 4      | 54     | 0.3       | 3.3     | 0.61  | 93.1      | 33.3178 | 17.7653 |
| 2009 | 6     | 8   | 14   | 14     | 54     | 0.3       | 3.3     | 0.64  | 92.9      | 33.3178 | 18.7347 |
| 2009 | 6     | 8   | 14   | 24     | 54     | 0.3       | 3.3     | 0.63  | 95.7      | 33.3178 | 18.3469 |
| 2009 | 6     | 8   | 14   | 34     | 54     | 0.3       | 3.3     | 0.66  | 95.7      | 33.3178 | 19.1227 |
| 2009 | 6     | 8   | 14   | 44     | 54     | 0.3       | 3.3     | 0.64  | 94.1      | 33.2834 | 18.715  |
| 2009 | 6     | 8   | 14   | 54     | 54     | 0.3       | 3.3     | 0.71  | 93.7      | 33.2834 | 20.6538 |
| 2009 | 6     | 8   | 15   | 4      | 54     | 0.3       | 3.3     | 0.66  | 92        | 33.3178 | 19.2197 |
| 2009 | 6     | 8   | 15   | 14     | 54     | 0.3       | 3.3     | 0.63  | 91.5      | 33.2834 | 18.4244 |
| 2009 | 6     | 8   | 15   | 24     | 54     | 0.3       | 3.3     | 0.71  | 94.8      | 33.2834 | 20.5568 |
| 2009 | 6     | 8   | 15   | 34     | 54     | 0.3       | 3.3     | 0.57  | 96.9      | 33.2834 | 16.4889 |
| 2009 | 6     | 8   | 15   | 44     | 54     | 0.3       | 3.3     | 0.68  | 94.9      | 33.2834 | 19.878  |
| 2009 | 6     | 8   | 15   | 54     | 54     | 0.3       | 3.3     | 0.72  | 93.9      | 33.2834 | 20.8479 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 8   | 16   | 4      | 54     | 0.3       | 3.3     | 0.63  | 93        | 33.2834 | 18.2307 |
| 2009 | 6     | 8   | 16   | 14     | 54     | 0.3       | 3.3     | 0.68  | 92.8      | 33.249  | 19.6634 |
| 2009 | 6     | 8   | 16   | 24     | 54     | 0.3       | 3.3     | 0.62  | 94.3      | 33.249  | 17.8247 |
| 2009 | 6     | 8   | 16   | 34     | 54     | 0.3       | 3.3     | 0.67  | 90.3      | 33.249  | 19.5665 |
| 2009 | 6     | 8   | 16   | 44     | 54     | 0.3       | 3.3     | 0.65  | 94.6      | 33.249  | 18.7921 |
| 2009 | 6     | 8   | 16   | 54     | 54     | 0.3       | 3.3     | 0.64  | 93.2      | 33.249  | 18.5985 |
| 2009 | 6     | 8   | 17   | 4      | 54     | 0.3       | 3.3     | 0.71  | 92.7      | 33.249  | 20.5352 |
| 2009 | 6     | 8   | 17   | 14     | 54     | 0.3       | 3.3     | 0.61  | 95.3      | 33.1802 | 17.4976 |
| 2009 | 6     | 8   | 17   | 24     | 54     | 0.3       | 3.3     | 0.67  | 91.1      | 33.249  | 19.4697 |
| 2009 | 6     | 8   | 17   | 34     | 54     | 0.3       | 3.3     | 0.66  | 90.3      | 33.2146 | 19.0624 |
| 2009 | 6     | 8   | 17   | 44     | 54     | 0.3       | 3.3     | 0.66  | 93.1      | 33.1802 | 19.0422 |
| 2009 | 6     | 8   | 17   | 54     | 54     | 0.3       | 3.3     | 0.69  | 92.2      | 33.1802 | 20.0086 |
| 2009 | 6     | 8   | 18   | 4      | 54     | 0.3       | 3.3     | 0.69  | 90.3      | 33.1802 | 20.0086 |
| 2009 | 6     | 8   | 18   | 14     | 54     | 0.3       | 3.3     | 0.69  | 91.1      | 33.1802 | 20.1052 |
| 2009 | 6     | 8   | 18   | 24     | 54     | 0.3       | 3.3     | 0.65  | 93.5      | 33.1458 | 18.8292 |
| 2009 | 6     | 8   | 18   | 34     | 54     | 0.3       | 3.3     | 0.65  | 90.6      | 33.1458 | 18.9257 |
| 2009 | 6     | 8   | 18   | 44     | 54     | 0.3       | 3.3     | 0.69  | 91.4      | 33.1458 | 19.9874 |
| 2009 | 6     | 8   | 18   | 54     | 54     | 0.3       | 3.3     | 0.66  | 91.4      | 33.077  | 19.1745 |
| 2009 | 6     | 8   | 19   | 4      | 54     | 0.3       | 3.3     | 0.68  | 91.1      | 33.077  | 19.7525 |
| 2009 | 6     | 8   | 19   | 14     | 54     | 0.3       | 3.3     | 0.7   | 91.3      | 33.077  | 20.3307 |
| 2009 | 6     | 8   | 19   | 24     | 54     | 0.3       | 3.3     | 0.72  | 91.1      | 33.1114 | 20.7382 |
| 2009 | 6     | 8   | 19   | 34     | 54     | 0.3       | 3.3     | 0.73  | 92.6      | 33.077  | 21.0055 |
| 2009 | 6     | 8   | 19   | 44     | 54     | 0.3       | 3.3     | 0.71  | 93.5      | 33.1114 | 20.4487 |
| 2009 | 6     | 8   | 19   | 54     | 54     | 0.3       | 3.3     | 0.65  | 92.9      | 33.077  | 18.8857 |
| 2009 | 6     | 8   | 20   | 4      | 54     | 0.3       | 3.3     | 0.7   | 94.5      | 33.1114 | 20.3522 |
| 2009 | 6     | 8   | 20   | 14     | 54     | 0.3       | 3.3     | 0.69  | 94.1      | 33.077  | 19.8488 |
| 2009 | 6     | 8   | 20   | 24     | 54     | 0.3       | 3.3     | 0.7   | 94        | 33.077  | 20.2343 |
| 2009 | 6     | 8   | 20   | 34     | 54     | 0.3       | 3.3     | 0.65  | 92.9      | 33.077  | 18.8857 |
| 2009 | 6     | 8   | 20   | 44     | 54     | 0.3       | 3.3     | 0.7   | 91.1      | 33.077  | 20.2343 |
| 2009 | 6     | 8   | 20   | 54     | 54     | 0.3       | 3.3     | 0.68  | 94.1      | 33.077  | 19.6561 |
| 2009 | 6     | 8   | 21   | 4      | 54     | 0.3       | 3.3     | 0.7   | 93.5      | 33.077  | 20.2343 |
| 2009 | 6     | 8   | 21   | 14     | 54     | 0.3       | 3.3     | 0.73  | 92.3      | 33.077  | 21.1019 |
| 2009 | 6     | 8   | 21   | 24     | 54     | 0.3       | 3.3     | 0.68  | 94.1      | 33.077  | 19.7525 |
| 2009 | 6     | 8   | 21   | 34     | 54     | 0.3       | 3.3     | 0.74  | 95.6      | 33.077  | 21.2948 |
| 2009 | 6     | 8   | 21   | 44     | 54     | 0.3       | 3.3     | 0.71  | 94        | 33.077  | 20.427  |
| 2009 | 6     | 8   | 21   | 54     | 54     | 0.3       | 3.3     | 0.7   | 94.3      | 33.0426 | 20.1166 |
| 2009 | 6     | 8   | 22   | 4      | 54     | 0.3       | 3.3     | 0.7   | 94.5      | 33.0426 | 20.3091 |
| 2009 | 6     | 8   | 22   | 14     | 54     | 0.3       | 3.3     | 0.69  | 95.2      | 33.0426 | 19.8278 |
| 2009 | 6     | 8   | 22   | 24     | 54     | 0.3       | 3.3     | 0.69  | 93.8      | 33.0426 | 19.8278 |
| 2009 | 6     | 8   | 22   | 34     | 54     | 0.3       | 3.3     | 0.68  | 91.1      | 33.0426 | 19.6353 |
| 2009 | 6     | 8   | 22   | 44     | 54     | 0.3       | 3.3     | 0.7   | 94.3      | 33.0426 | 20.1166 |
| 2009 | 6     | 8   | 22   | 54     | 54     | 0.3       | 3.3     | 0.72  | 93.9      | 33.0426 | 20.7906 |
| 2009 | 6     | 8   | 23   | 4      | 54     | 0.3       | 3.3     | 0.73  | 96.7      | 33.0082 | 20.8648 |
| 2009 | 6     | 8   | 23   | 14     | 54     | 0.3       | 3.3     | 0.66  | 96        | 33.0082 | 19.0378 |
| 2009 | 6     | 8   | 23   | 24     | 54     | 0.3       | 3.3     | 0.69  | 93.3      | 33.0082 | 19.9991 |
| 2009 | 6     | 8   | 23   | 34     | 54     | 0.3       | 3.3     | 0.74  | 93        | 33.0082 | 21.4422 |
| 2009 | 6     | 8   | 23   | 44     | 54     | 0.3       | 3.3     | 0.69  | 94.9      | 33.0082 | 19.9991 |
| 2009 | 6     | 8   | 23   | 54     | 54     | 0.3       | 3.3     | 0.72  | 93.1      | 33.0082 | 20.7686 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 9   | 0    | 4      | 54     | 0.3       | 3.3     | 0.72  | 94.2      | 33.0082 | 20.6724 |
| 2009 | 6     | 9   | 0    | 14     | 54     | 0.3       | 3.3     | 0.68  | 93.3      | 33.0082 | 19.5184 |
| 2009 | 6     | 9   | 0    | 24     | 54     | 0.3       | 3.3     | 0.73  | 92.6      | 32.9738 | 21.0349 |
| 2009 | 6     | 9   | 0    | 34     | 54     | 0.3       | 3.3     | 0.75  | 91.5      | 33.0082 | 21.8273 |
| 2009 | 6     | 9   | 0    | 44     | 54     | 0.3       | 3.3     | 0.77  | 92.9      | 33.0082 | 22.3086 |
| 2009 | 6     | 9   | 0    | 54     | 54     | 0.3       | 3.3     | 0.67  | 96.8      | 33.0082 | 19.1339 |
| 2009 | 6     | 9   | 1    | 4      | 54     | 0.3       | 3.3     | 0.73  | 90.8      | 33.0082 | 21.1535 |
| 2009 | 6     | 9   | 1    | 14     | 54     | 0.3       | 3.3     | 0.71  | 90.8      | 33.0082 | 20.3838 |
| 2009 | 6     | 9   | 1    | 24     | 54     | 0.3       | 3.3     | 0.68  | 97.5      | 33.0082 | 19.3261 |
| 2009 | 6     | 9   | 1    | 34     | 54     | 0.3       | 3.3     | 0.65  | 94.3      | 33.0082 | 18.8456 |
| 2009 | 6     | 9   | 1    | 44     | 54     | 0.3       | 3.3     | 0.71  | 92.7      | 33.0082 | 20.3838 |
| 2009 | 6     | 9   | 1    | 54     | 54     | 0.3       | 3.3     | 0.69  | 93.8      | 33.0082 | 19.8068 |
| 2009 | 6     | 9   | 2    | 4      | 54     | 0.3       | 3.3     | 0.69  | 94.6      | 33.0082 | 19.9029 |
| 2009 | 6     | 9   | 2    | 14     | 54     | 0.3       | 3.3     | 0.72  | 90.8      | 33.0082 | 20.6724 |
| 2009 | 6     | 9   | 2    | 24     | 54     | 0.3       | 3.3     | 0.66  | 91.4      | 33.0082 | 18.9417 |
| 2009 | 6     | 9   | 2    | 34     | 54     | 0.3       | 3.3     | 0.69  | 94.1      | 33.0082 | 19.9991 |
| 2009 | 6     | 9   | 2    | 44     | 54     | 0.3       | 3.3     | 0.72  | 92.1      | 33.0082 | 20.7686 |
| 2009 | 6     | 9   | 2    | 54     | 54     | 0.3       | 3.3     | 0.75  | 91.5      | 33.0082 | 21.6347 |
| 2009 | 6     | 9   | 3    | 4      | 54     | 0.3       | 3.3     | 0.65  | 92        | 33.0082 | 18.8456 |
| 2009 | 6     | 9   | 3    | 14     | 54     | 0.3       | 3.3     | 0.72  | 94.2      | 33.0082 | 20.6724 |
| 2009 | 6     | 9   | 3    | 24     | 54     | 0.3       | 3.3     | 0.68  | 93.6      | 33.0082 | 19.5184 |
| 2009 | 6     | 9   | 3    | 34     | 54     | 0.3       | 3.3     | 0.71  | 92.6      | 33.0082 | 20.5762 |
| 2009 | 6     | 9   | 3    | 44     | 54     | 0.3       | 3.3     | 0.71  | 93.4      | 33.0426 | 20.5017 |
| 2009 | 6     | 9   | 3    | 54     | 54     | 0.3       | 3.3     | 0.75  | 89.5      | 33.0426 | 21.7541 |
| 2009 | 6     | 9   | 4    | 4      | 54     | 0.3       | 3.3     | 0.68  | 93.3      | 33.0426 | 19.6353 |
| 2009 | 6     | 9   | 4    | 14     | 54     | 0.3       | 3.3     | 0.7   | 90        | 33.0426 | 20.2129 |
| 2009 | 6     | 9   | 4    | 24     | 54     | 0.3       | 3.3     | 0.67  | 90.6      | 33.0426 | 19.2504 |
| 2009 | 6     | 9   | 4    | 34     | 54     | 0.3       | 3.3     | 0.67  | 94.2      | 33.0426 | 19.2504 |
| 2009 | 6     | 9   | 4    | 44     | 54     | 0.3       | 3.3     | 0.71  | 92.4      | 33.0426 | 20.4054 |
| 2009 | 6     | 9   | 4    | 54     | 54     | 0.3       | 3.3     | 0.72  | 91.8      | 33.0426 | 20.8869 |
| 2009 | 6     | 9   | 5    | 4      | 54     | 0.3       | 3.3     | 0.7   | 92.9      | 33.0426 | 20.3091 |
| 2009 | 6     | 9   | 5    | 14     | 54     | 0.3       | 3.3     | 0.69  | 92.7      | 33.0426 | 20.0203 |
| 2009 | 6     | 9   | 5    | 24     | 54     | 0.3       | 3.3     | 0.65  | 95.5      | 33.0426 | 18.7695 |
| 2009 | 6     | 9   | 5    | 34     | 54     | 0.3       | 3.3     | 0.65  | 91.5      | 33.077  | 18.6931 |
| 2009 | 6     | 9   | 5    | 44     | 54     | 0.3       | 3.3     | 0.68  | 92.8      | 33.0426 | 19.6353 |
| 2009 | 6     | 9   | 5    | 54     | 54     | 0.3       | 3.3     | 0.63  | 93.3      | 33.077  | 18.2118 |
| 2009 | 6     | 9   | 6    | 4      | 54     | 0.3       | 3.3     | 0.73  | 91.8      | 33.0426 | 21.0796 |
| 2009 | 6     | 9   | 6    | 14     | 54     | 0.3       | 3.3     | 0.69  | 93.8      | 33.0426 | 19.9241 |
| 2009 | 6     | 9   | 6    | 24     | 54     | 0.3       | 3.3     | 0.65  | 94.3      | 33.0426 | 18.7695 |
| 2009 | 6     | 9   | 6    | 34     | 54     | 0.3       | 3.3     | 0.67  | 91.4      | 33.0426 | 19.3466 |
| 2009 | 6     | 9   | 6    | 44     | 54     | 0.3       | 3.3     | 0.71  | 92.6      | 33.077  | 20.6198 |
| 2009 | 6     | 9   | 6    | 54     | 54     | 0.3       | 3.3     | 0.71  | 94        | 33.077  | 20.6198 |
| 2009 | 6     | 9   | 7    | 4      | 54     | 0.3       | 3.3     | 0.71  | 94.5      | 33.077  | 20.427  |
| 2009 | 6     | 9   | 7    | 14     | 54     | 0.3       | 3.3     | 0.65  | 91.4      | 33.077  | 18.7894 |
| 2009 | 6     | 9   | 7    | 24     | 54     | 0.3       | 3.3     | 0.68  | 94.1      | 33.077  | 19.7525 |
| 2009 | 6     | 9   | 7    | 34     | 54     | 0.3       | 3.3     | 0.71  | 95.6      | 33.077  | 20.3307 |
| 2009 | 6     | 9   | 7    | 44     | 54     | 0.3       | 3.3     | 0.67  | 93.1      | 33.077  | 19.3672 |
| 2009 | 6     | 9   | 7    | 54     | 54     | 0.3       | 3.3     | 0.72  | 91.1      | 33.077  | 20.7162 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 9   | 8    | 4      | 54     | 0.3       | 3.3     | 0.7   | 93        | 33.077  | 20.1379 |
| 2009 | 6     | 9   | 8    | 14     | 54     | 0.3       | 3.3     | 0.64  | 95.3      | 33.077  | 18.4043 |
| 2009 | 6     | 9   | 8    | 24     | 54     | 0.3       | 3.3     | 0.66  | 96        | 33.077  | 18.8857 |
| 2009 | 6     | 9   | 8    | 34     | 54     | 0.3       | 3.3     | 0.66  | 94        | 33.077  | 18.9819 |
| 2009 | 6     | 9   | 8    | 44     | 54     | 0.3       | 3.3     | 0.63  | 94.5      | 33.0426 | 18.0003 |
| 2009 | 6     | 9   | 8    | 54     | 54     | 0.3       | 3.3     | 0.69  | 96        | 33.0426 | 19.9241 |
| 2009 | 6     | 9   | 9    | 4      | 54     | 0.3       | 3.3     | 0.68  | 93.9      | 33.0426 | 19.6353 |
| 2009 | 6     | 9   | 9    | 14     | 54     | 0.3       | 3.3     | 0.61  | 96.4      | 33.0426 | 17.6159 |
| 2009 | 6     | 9   | 9    | 24     | 54     | 0.3       | 3.3     | 0.62  | 93        | 33.0426 | 18.0003 |
| 2009 | 6     | 9   | 9    | 34     | 54     | 0.3       | 3.3     | 0.7   | 90.5      | 33.0426 | 20.1166 |
| 2009 | 6     | 9   | 9    | 44     | 54     | 0.3       | 3.3     | 0.58  | 95.2      | 33.0426 | 16.6554 |
| 2009 | 6     | 9   | 9    | 54     | 54     | 0.3       | 3.3     | 0.63  | 90.9      | 33.0082 | 18.2693 |
| 2009 | 6     | 9   | 10   | 4      | 54     | 0.3       | 3.3     | 0.64  | 93.8      | 32.9738 | 18.5377 |
| 2009 | 6     | 9   | 10   | 14     | 54     | 0.3       | 3.3     | 0.69  | 92.7      | 32.9738 | 19.7858 |
| 2009 | 6     | 9   | 10   | 24     | 54     | 0.3       | 3.3     | 0.62  | 90.6      | 32.9738 | 17.9621 |
| 2009 | 6     | 9   | 10   | 34     | 54     | 0.3       | 3.3     | 0.67  | 92.8      | 32.9738 | 19.3056 |
| 2009 | 6     | 9   | 10   | 44     | 54     | 0.3       | 3.3     | 0.65  | 94.3      | 32.9738 | 18.7297 |
| 2009 | 6     | 9   | 10   | 54     | 54     | 0.3       | 3.3     | 0.69  | 95.2      | 32.9394 | 19.8607 |
| 2009 | 6     | 9   | 11   | 4      | 54     | 0.3       | 3.3     | 0.61  | 94.3      | 32.9394 | 17.4641 |
| 2009 | 6     | 9   | 11   | 14     | 54     | 0.3       | 3.3     | 0.62  | 94.5      | 32.9394 | 17.8472 |
| 2009 | 6     | 9   | 11   | 24     | 54     | 0.3       | 3.3     | 0.66  | 93.7      | 32.9394 | 18.9015 |
| 2009 | 6     | 9   | 11   | 34     | 54     | 0.3       | 3.3     | 0.64  | 95.3      | 32.9394 | 18.3263 |
| 2009 | 6     | 9   | 11   | 44     | 54     | 0.3       | 3.3     | 0.64  | 92.1      | 32.9394 | 18.3263 |
| 2009 | 6     | 9   | 11   | 54     | 54     | 0.3       | 3.3     | 0.61  | 94.6      | 32.9394 | 17.5599 |
| 2009 | 6     | 9   | 12   | 4      | 54     | 0.3       | 3.3     | 0.65  | 92        | 32.9738 | 18.8256 |
| 2009 | 6     | 9   | 12   | 14     | 54     | 0.3       | 3.3     | 0.65  | 93.5      | 32.9394 | 18.8056 |
| 2009 | 6     | 9   | 12   | 24     | 54     | 0.3       | 3.3     | 0.64  | 91.5      | 32.9394 | 18.4222 |
| 2009 | 6     | 9   | 12   | 34     | 54     | 0.3       | 3.3     | 0.66  | 94.3      | 32.9394 | 18.9015 |
| 2009 | 6     | 9   | 12   | 44     | 54     | 0.3       | 3.3     | 0.63  | 90        | 32.9394 | 18.0389 |
| 2009 | 6     | 9   | 12   | 54     | 54     | 0.3       | 3.3     | 0.64  | 96.2      | 32.9394 | 18.2305 |
| 2009 | 6     | 9   | 13   | 4      | 54     | 0.3       | 3.3     | 0.63  | 95.4      | 32.9738 | 18.058  |
| 2009 | 6     | 9   | 13   | 14     | 54     | 0.3       | 3.3     | 0.65  | 95        | 32.9738 | 18.5377 |
| 2009 | 6     | 9   | 13   | 24     | 54     | 0.3       | 3.3     | 0.67  | 94.8      | 32.9394 | 19.0933 |
| 2009 | 6     | 9   | 13   | 34     | 54     | 0.3       | 3.3     | 0.66  | 92.8      | 32.9394 | 19.0933 |
| 2009 | 6     | 9   | 13   | 44     | 54     | 0.3       | 3.3     | 0.67  | 93.9      | 33.0082 | 19.3261 |
| 2009 | 6     | 9   | 13   | 54     | 54     | 0.3       | 3.3     | 0.66  | 92.8      | 32.9738 | 19.1136 |
| 2009 | 6     | 9   | 14   | 4      | 54     | 0.3       | 3.3     | 0.68  | 92.5      | 33.0082 | 19.6145 |
| 2009 | 6     | 9   | 14   | 14     | 54     | 0.3       | 3.3     | 0.63  | 92.4      | 33.0082 | 18.2693 |
| 2009 | 6     | 9   | 14   | 24     | 54     | 0.3       | 3.3     | 0.65  | 94.3      | 32.9738 | 18.7297 |
| 2009 | 6     | 9   | 14   | 34     | 54     | 0.3       | 3.3     | 0.65  | 91.4      | 32.9738 | 18.8256 |
| 2009 | 6     | 9   | 14   | 44     | 54     | 0.3       | 3.3     | 0.64  | 91.2      | 32.9738 | 18.3458 |
| 2009 | 6     | 9   | 14   | 54     | 54     | 0.3       | 3.3     | 0.68  | 91.7      | 32.9394 | 19.5729 |
| 2009 | 6     | 9   | 15   | 4      | 54     | 0.3       | 3.3     | 0.64  | 96.2      | 32.9738 | 18.3458 |
| 2009 | 6     | 9   | 15   | 14     | 54     | 0.3       | 3.3     | 0.61  | 93.1      | 32.9394 | 17.5599 |
| 2009 | 6     | 9   | 15   | 24     | 54     | 0.3       | 3.3     | 0.7   | 93.7      | 32.9738 | 20.2661 |
| 2009 | 6     | 9   | 15   | 34     | 54     | 0.3       | 3.3     | 0.63  | 93.9      | 32.9738 | 18.2499 |
| 2009 | 6     | 9   | 15   | 44     | 54     | 0.3       | 3.3     | 0.62  | 90        | 32.9738 | 17.7703 |
| 2009 | 6     | 9   | 15   | 54     | 54     | 0.3       | 3.3     | 0.64  | 92.7      | 32.9738 | 18.3458 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 9   | 16   | 4      | 54     | 0.3       | 3.3     | 0.65  | 92.6      | 32.9738 | 18.8256 |
| 2009 | 6     | 9   | 16   | 14     | 54     | 0.3       | 3.3     | 0.7   | 90.3      | 32.9738 | 20.0739 |
| 2009 | 6     | 9   | 16   | 24     | 54     | 0.3       | 3.3     | 0.62  | 92.7      | 32.9738 | 17.7703 |
| 2009 | 6     | 9   | 16   | 34     | 54     | 0.3       | 3.3     | 0.63  | 92.1      | 32.9394 | 18.2305 |
| 2009 | 6     | 9   | 16   | 44     | 54     | 0.3       | 3.3     | 0.63  | 91.5      | 32.9394 | 18.2305 |
| 2009 | 6     | 9   | 16   | 54     | 54     | 0.3       | 3.3     | 0.64  | 91.2      | 32.9394 | 18.518  |
| 2009 | 6     | 9   | 17   | 4      | 54     | 0.3       | 3.3     | 0.65  | 90.9      | 32.9394 | 18.8056 |
| 2009 | 6     | 9   | 17   | 14     | 54     | 0.3       | 3.3     | 0.71  | 90        | 32.9394 | 20.5325 |
| 2009 | 6     | 9   | 17   | 24     | 54     | 0.3       | 3.3     | 0.63  | 92.4      | 32.9394 | 18.2305 |
| 2009 | 6     | 9   | 17   | 34     | 54     | 0.3       | 3.3     | 0.6   | 93.1      | 32.9394 | 17.2725 |
| 2009 | 6     | 9   | 17   | 44     | 54     | 0.3       | 3.3     | 0.69  | 94.9      | 32.9394 | 19.7647 |
| 2009 | 6     | 9   | 17   | 54     | 54     | 0.3       | 3.3     | 0.63  | 92.1      | 32.905  | 18.0197 |
| 2009 | 6     | 9   | 18   | 4      | 54     | 0.3       | 3.3     | 0.66  | 94.6      | 32.9394 | 18.9974 |
| 2009 | 6     | 9   | 18   | 14     | 54     | 0.3       | 3.3     | 0.6   | 91.9      | 32.9394 | 17.2725 |
| 2009 | 6     | 9   | 18   | 24     | 54     | 0.3       | 3.3     | 0.67  | 90        | 32.9394 | 19.381  |
| 2009 | 6     | 9   | 18   | 34     | 54     | 0.3       | 3.3     | 0.61  | 94.3      | 32.9394 | 17.5599 |
| 2009 | 6     | 9   | 18   | 44     | 54     | 0.3       | 3.3     | 0.61  | 89.4      | 32.905  | 17.5412 |
| 2009 | 6     | 9   | 18   | 54     | 54     | 0.3       | 3.3     | 0.67  | 92        | 32.905  | 19.1688 |
| 2009 | 6     | 9   | 19   | 4      | 54     | 0.3       | 3.3     | 0.67  | 92.8      | 32.905  | 19.1688 |
| 2009 | 6     | 9   | 19   | 14     | 54     | 0.3       | 3.3     | 0.64  | 92.9      | 32.905  | 18.4983 |
| 2009 | 6     | 9   | 19   | 24     | 54     | 0.3       | 3.3     | 0.65  | 94        | 32.905  | 18.7856 |
| 2009 | 6     | 9   | 19   | 34     | 54     | 0.3       | 3.3     | 0.64  | 96.7      | 32.9394 | 18.4222 |
| 2009 | 6     | 9   | 19   | 44     | 54     | 0.3       | 3.3     | 0.69  | 95.5      | 32.905  | 19.7437 |
| 2009 | 6     | 9   | 19   | 54     | 54     | 0.3       | 3.3     | 0.66  | 96        | 32.905  | 18.9772 |
| 2009 | 6     | 9   | 20   | 4      | 54     | 0.3       | 3.3     | 0.71  | 94.3      | 32.905  | 20.3189 |
| 2009 | 6     | 9   | 20   | 14     | 54     | 0.3       | 3.3     | 0.73  | 91.8      | 32.905  | 21.0861 |
| 2009 | 6     | 9   | 20   | 24     | 54     | 0.3       | 3.3     | 0.69  | 93        | 32.9394 | 19.8607 |
| 2009 | 6     | 9   | 20   | 34     | 54     | 0.3       | 3.3     | 0.68  | 93.6      | 32.905  | 19.552  |
| 2009 | 6     | 9   | 20   | 44     | 54     | 0.3       | 3.3     | 0.67  | 92.5      | 32.905  | 19.1688 |
| 2009 | 6     | 9   | 20   | 54     | 54     | 0.3       | 3.3     | 0.7   | 91.1      | 32.905  | 20.1271 |
| 2009 | 6     | 9   | 21   | 4      | 54     | 0.3       | 3.3     | 0.66  | 96        | 32.905  | 18.9772 |
| 2009 | 6     | 9   | 21   | 14     | 54     | 0.3       | 3.3     | 0.74  | 91.3      | 32.905  | 21.278  |
| 2009 | 6     | 9   | 21   | 24     | 54     | 0.3       | 3.3     | 0.66  | 94.3      | 32.905  | 18.8814 |
| 2009 | 6     | 9   | 21   | 34     | 54     | 0.3       | 3.3     | 0.73  | 93.9      | 32.905  | 20.9902 |
| 2009 | 6     | 9   | 21   | 44     | 54     | 0.3       | 3.3     | 0.72  | 92.6      | 32.905  | 20.6065 |
| 2009 | 6     | 9   | 21   | 54     | 54     | 0.3       | 3.3     | 0.67  | 92.8      | 32.905  | 19.1688 |
| 2009 | 6     | 9   | 22   | 4      | 54     | 0.3       | 3.3     | 0.75  | 93.3      | 32.905  | 21.4699 |
| 2009 | 6     | 9   | 22   | 14     | 54     | 0.3       | 3.3     | 0.68  | 91.9      | 32.905  | 19.552  |
| 2009 | 6     | 9   | 22   | 24     | 54     | 0.3       | 3.3     | 0.7   | 91.9      | 32.905  | 20.1271 |
| 2009 | 6     | 9   | 22   | 34     | 54     | 0.3       | 3.3     | 0.69  | 92.7      | 32.905  | 19.7437 |
| 2009 | 6     | 9   | 22   | 44     | 54     | 0.3       | 3.3     | 0.7   | 94.3      | 32.905  | 20.0313 |
| 2009 | 6     | 9   | 22   | 54     | 54     | 0.3       | 3.3     | 0.71  | 93.2      | 32.905  | 20.5107 |
| 2009 | 6     | 9   | 23   | 4      | 54     | 0.3       | 3.3     | 0.66  | 92.6      | 32.905  | 18.9772 |
| 2009 | 6     | 9   | 23   | 14     | 54     | 0.3       | 3.3     | 0.72  | 89.2      | 32.905  | 20.6065 |
| 2009 | 6     | 9   | 23   | 24     | 54     | 0.3       | 3.3     | 0.68  | 92.2      | 32.905  | 19.6479 |
| 2009 | 6     | 9   | 23   | 34     | 54     | 0.3       | 3.3     | 0.72  | 92.4      | 32.905  | 20.7025 |
| 2009 | 6     | 9   | 23   | 44     | 54     | 0.3       | 3.3     | 0.7   | 91.4      | 32.905  | 20.0313 |
| 2009 | 6     | 9   | 23   | 54     | 54     | 0.3       | 3.3     | 0.67  | 92.8      | 32.905  | 19.1688 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 10  | 0    | 4      | 54     | 0.3       | 3.3     | 0.73  | 91.8      | 32.905  | 20.8943 |
| 2009 | 6     | 10  | 0    | 14     | 54     | 0.3       | 3.3     | 0.71  | 92.7      | 32.905  | 20.3189 |
| 2009 | 6     | 10  | 0    | 24     | 54     | 0.3       | 3.3     | 0.69  | 92.7      | 32.905  | 19.7437 |
| 2009 | 6     | 10  | 0    | 34     | 54     | 0.3       | 3.3     | 0.68  | 92.8      | 32.905  | 19.6479 |
| 2009 | 6     | 10  | 0    | 44     | 54     | 0.3       | 3.3     | 0.71  | 91.6      | 32.905  | 20.3189 |
| 2009 | 6     | 10  | 0    | 54     | 54     | 0.3       | 3.3     | 0.69  | 94.1      | 32.905  | 19.9354 |
| 2009 | 6     | 10  | 1    | 4      | 54     | 0.3       | 3.3     | 0.71  | 93.5      | 32.905  | 20.3189 |
| 2009 | 6     | 10  | 1    | 14     | 54     | 0.3       | 3.3     | 0.66  | 95.1      | 32.905  | 18.9772 |
| 2009 | 6     | 10  | 1    | 24     | 54     | 0.3       | 3.3     | 0.68  | 95        | 32.905  | 19.3604 |
| 2009 | 6     | 10  | 1    | 34     | 54     | 0.3       | 3.3     | 0.73  | 92.8      | 32.905  | 21.0861 |
| 2009 | 6     | 10  | 1    | 44     | 54     | 0.3       | 3.3     | 0.71  | 93.7      | 32.905  | 20.5107 |
| 2009 | 6     | 10  | 1    | 54     | 54     | 0.3       | 3.3     | 0.74  | 90.8      | 32.8706 | 21.2553 |
| 2009 | 6     | 10  | 2    | 4      | 54     | 0.3       | 3.3     | 0.66  | 92.6      | 32.8706 | 18.8613 |
| 2009 | 6     | 10  | 2    | 14     | 54     | 0.3       | 3.3     | 0.72  | 92.1      | 32.905  | 20.7984 |
| 2009 | 6     | 10  | 2    | 24     | 54     | 0.3       | 3.3     | 0.72  | 91        | 32.905  | 20.7025 |
| 2009 | 6     | 10  | 2    | 34     | 54     | 0.3       | 3.3     | 0.7   | 92.7      | 32.905  | 20.1271 |
| 2009 | 6     | 10  | 2    | 44     | 54     | 0.3       | 3.3     | 0.66  | 92.9      | 32.8706 | 18.8613 |
| 2009 | 6     | 10  | 2    | 54     | 54     | 0.3       | 3.3     | 0.67  | 90.3      | 32.8706 | 19.1484 |
| 2009 | 6     | 10  | 3    | 4      | 54     | 0.3       | 3.3     | 0.72  | 91.6      | 32.8706 | 20.5846 |
| 2009 | 6     | 10  | 3    | 14     | 54     | 0.3       | 3.3     | 0.68  | 90.6      | 32.905  | 19.552  |
| 2009 | 6     | 10  | 3    | 24     | 54     | 0.3       | 3.3     | 0.71  | 94.8      | 32.905  | 20.3189 |
| 2009 | 6     | 10  | 3    | 34     | 54     | 0.3       | 3.3     | 0.68  | 91.4      | 32.905  | 19.6479 |
| 2009 | 6     | 10  | 3    | 44     | 54     | 0.3       | 3.3     | 0.74  | 93.3      | 32.8706 | 21.1595 |
| 2009 | 6     | 10  | 3    | 54     | 54     | 0.3       | 3.3     | 0.67  | 92.5      | 32.905  | 19.3604 |
| 2009 | 6     | 10  | 4    | 4      | 54     | 0.3       | 3.3     | 0.67  | 91.7      | 32.905  | 19.1688 |
| 2009 | 6     | 10  | 4    | 14     | 54     | 0.3       | 3.3     | 0.66  | 92.8      | 32.905  | 19.073  |
| 2009 | 6     | 10  | 4    | 24     | 54     | 0.3       | 3.3     | 0.68  | 95.3      | 32.8706 | 19.3398 |
| 2009 | 6     | 10  | 4    | 34     | 54     | 0.3       | 3.3     | 0.7   | 91.9      | 32.905  | 20.223  |
| 2009 | 6     | 10  | 4    | 44     | 54     | 0.3       | 3.3     | 0.68  | 93.3      | 32.905  | 19.552  |
| 2009 | 6     | 10  | 4    | 54     | 54     | 0.3       | 3.3     | 0.66  | 92.8      | 32.905  | 19.073  |
| 2009 | 6     | 10  | 5    | 4      | 54     | 0.3       | 3.3     | 0.74  | 90.8      | 32.905  | 21.3739 |
| 2009 | 6     | 10  | 5    | 14     | 54     | 0.3       | 3.3     | 0.65  | 93.5      | 32.905  | 18.7856 |
| 2009 | 6     | 10  | 5    | 24     | 54     | 0.3       | 3.3     | 0.72  | 92.9      | 32.905  | 20.6065 |
| 2009 | 6     | 10  | 5    | 34     | 54     | 0.3       | 3.3     | 0.71  | 92.4      | 32.905  | 20.5107 |
| 2009 | 6     | 10  | 5    | 44     | 54     | 0.3       | 3.3     | 0.67  | 94.5      | 32.905  | 19.1688 |
| 2009 | 6     | 10  | 5    | 54     | 54     | 0.3       | 3.3     | 0.65  | 95.2      | 32.905  | 18.6899 |
| 2009 | 6     | 10  | 6    | 4      | 54     | 0.3       | 3.3     | 0.67  | 92.2      | 32.905  | 19.2646 |
| 2009 | 6     | 10  | 6    | 14     | 54     | 0.3       | 3.3     | 0.72  | 91.3      | 32.905  | 20.7025 |
| 2009 | 6     | 10  | 6    | 24     | 54     | 0.3       | 3.3     | 0.69  | 92.2      | 32.905  | 19.9354 |
| 2009 | 6     | 10  | 6    | 34     | 54     | 0.3       | 3.3     | 0.76  | 94.2      | 32.905  | 21.7578 |
| 2009 | 6     | 10  | 6    | 44     | 54     | 0.3       | 3.3     | 0.72  | 92.1      | 32.905  | 20.6065 |
| 2009 | 6     | 10  | 6    | 54     | 54     | 0.3       | 3.3     | 0.71  | 95.8      | 32.905  | 20.3189 |
| 2009 | 6     | 10  | 7    | 4      | 54     | 0.3       | 3.3     | 0.69  | 94.9      | 32.905  | 19.7437 |
| 2009 | 6     | 10  | 7    | 14     | 54     | 0.3       | 3.3     | 0.66  | 94.3      | 32.905  | 18.8814 |
| 2009 | 6     | 10  | 7    | 24     | 54     | 0.3       | 3.3     | 0.67  | 94.2      | 32.905  | 19.3604 |
| 2009 | 6     | 10  | 7    | 34     | 54     | 0.3       | 3.3     | 0.71  | 92.7      | 32.905  | 20.3189 |
| 2009 | 6     | 10  | 7    | 44     | 54     | 0.3       | 3.3     | 0.71  | 93.7      | 32.905  | 20.3189 |
| 2009 | 6     | 10  | 7    | 54     | 54     | 0.3       | 3.3     | 0.66  | 91.4      | 32.905  | 19.073  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 10  | 8    | 4      | 54     | 0.3       | 3.3     | 0.61  | 93.1      | 32.905  | 17.4455 |
| 2009 | 6     | 10  | 8    | 14     | 54     | 0.3       | 3.3     | 0.67  | 91.7      | 32.905  | 19.2646 |
| 2009 | 6     | 10  | 8    | 24     | 54     | 0.3       | 3.3     | 0.65  | 93.7      | 32.9394 | 18.8056 |
| 2009 | 6     | 10  | 8    | 34     | 54     | 0.3       | 3.3     | 0.64  | 96.2      | 32.905  | 18.2111 |
| 2009 | 6     | 10  | 8    | 44     | 54     | 0.3       | 3.3     | 0.66  | 91.4      | 32.905  | 19.073  |
| 2009 | 6     | 10  | 8    | 54     | 54     | 0.3       | 3.3     | 0.69  | 92.7      | 32.905  | 19.7437 |
| 2009 | 6     | 10  | 9    | 4      | 54     | 0.3       | 3.3     | 0.63  | 95.7      | 32.9394 | 18.1347 |
| 2009 | 6     | 10  | 9    | 14     | 54     | 0.3       | 3.3     | 0.7   | 92.7      | 32.9394 | 20.0526 |
| 2009 | 6     | 10  | 9    | 24     | 54     | 0.3       | 3.3     | 0.71  | 94        | 32.905  | 20.3189 |
| 2009 | 6     | 10  | 9    | 34     | 54     | 0.3       | 3.3     | 0.61  | 94.9      | 32.9394 | 17.5599 |
| 2009 | 6     | 10  | 9    | 44     | 54     | 0.3       | 3.3     | 0.63  | 92.7      | 32.905  | 18.0197 |
| 2009 | 6     | 10  | 9    | 54     | 54     | 0.3       | 3.3     | 0.69  | 93.3      | 32.9394 | 19.7647 |
| 2009 | 6     | 10  | 10   | 4      | 54     | 0.3       | 3.3     | 0.64  | 98.8      | 32.905  | 18.2111 |
| 2009 | 6     | 10  | 10   | 14     | 54     | 0.3       | 3.3     | 0.69  | 92.2      | 32.9394 | 19.7647 |
| 2009 | 6     | 10  | 10   | 24     | 54     | 0.3       | 3.3     | 0.63  | 97.8      | 32.905  | 18.0197 |
| 2009 | 6     | 10  | 10   | 34     | 54     | 0.3       | 3.3     | 0.72  | 92.6      | 32.9394 | 20.7245 |
| 2009 | 6     | 10  | 10   | 44     | 54     | 0.3       | 3.3     | 0.59  | 93.8      | 32.9394 | 16.9853 |
| 2009 | 6     | 10  | 10   | 54     | 54     | 0.3       | 3.3     | 0.7   | 93.8      | 32.9394 | 20.0526 |
| 2009 | 6     | 10  | 11   | 4      | 54     | 0.3       | 3.3     | 0.67  | 93.4      | 32.9394 | 19.2851 |
| 2009 | 6     | 10  | 11   | 14     | 54     | 0.3       | 3.3     | 0.61  | 92.1      | 32.9394 | 17.6556 |
| 2009 | 6     | 10  | 11   | 24     | 54     | 0.3       | 3.3     | 0.66  | 91.7      | 32.9394 | 18.9015 |
| 2009 | 6     | 10  | 11   | 34     | 54     | 0.3       | 3.3     | 0.63  | 93        | 32.9394 | 18.1347 |
| 2009 | 6     | 10  | 11   | 44     | 54     | 0.3       | 3.3     | 0.61  | 93.7      | 32.9394 | 17.4641 |
| 2009 | 6     | 10  | 11   | 54     | 54     | 0.3       | 3.3     | 0.66  | 95.1      | 32.9394 | 18.9015 |
| 2009 | 6     | 10  | 12   | 4      | 54     | 0.3       | 3.3     | 0.62  | 94        | 32.9394 | 17.7514 |
| 2009 | 6     | 10  | 12   | 14     | 54     | 0.3       | 3.3     | 0.58  | 96.8      | 32.9394 | 16.5067 |
| 2009 | 6     | 10  | 12   | 24     | 54     | 0.3       | 3.3     | 0.69  | 90.5      | 32.9394 | 19.7647 |
| 2009 | 6     | 10  | 12   | 34     | 54     | 0.3       | 3.3     | 0.68  | 91.4      | 32.9394 | 19.5729 |
| 2009 | 6     | 10  | 12   | 44     | 54     | 0.3       | 3.3     | 0.63  | 90.6      | 32.9394 | 18.0389 |
| 2009 | 6     | 10  | 12   | 54     | 54     | 0.3       | 3.3     | 0.65  | 94.6      | 32.9394 | 18.7098 |
| 2009 | 6     | 10  | 13   | 4      | 54     | 0.3       | 3.3     | 0.66  | 92.3      | 32.9394 | 18.9015 |
| 2009 | 6     | 10  | 13   | 14     | 54     | 0.3       | 3.3     | 0.64  | 95        | 32.9394 | 18.3263 |
| 2009 | 6     | 10  | 13   | 24     | 54     | 0.3       | 3.3     | 0.6   | 93.4      | 32.9738 | 17.2909 |
| 2009 | 6     | 10  | 13   | 34     | 54     | 0.3       | 3.3     | 0.63  | 93.9      | 32.9738 | 18.058  |
| 2009 | 6     | 10  | 13   | 44     | 54     | 0.3       | 3.3     | 0.65  | 92.3      | 32.9738 | 18.6337 |
| 2009 | 6     | 10  | 13   | 54     | 54     | 0.3       | 3.3     | 0.67  | 93.7      | 32.9738 | 19.2096 |
| 2009 | 6     | 10  | 14   | 4      | 54     | 0.3       | 3.3     | 0.63  | 96        | 32.9394 | 17.943  |
| 2009 | 6     | 10  | 14   | 14     | 54     | 0.3       | 3.3     | 0.74  | 91        | 32.9394 | 21.3967 |
| 2009 | 6     | 10  | 14   | 24     | 54     | 0.3       | 3.3     | 0.66  | 93.7      | 32.9394 | 19.0933 |
| 2009 | 6     | 10  | 14   | 34     | 54     | 0.3       | 3.3     | 0.66  | 95.1      | 32.9394 | 18.9015 |
| 2009 | 6     | 10  | 14   | 44     | 54     | 0.3       | 3.3     | 0.71  | 94        | 32.9394 | 20.3405 |
| 2009 | 6     | 10  | 14   | 54     | 54     | 0.3       | 3.3     | 0.69  | 91.4      | 32.9738 | 19.8818 |
| 2009 | 6     | 10  | 15   | 4      | 54     | 0.3       | 3.3     | 0.68  | 90.6      | 33.0082 | 19.6145 |
| 2009 | 6     | 10  | 15   | 14     | 54     | 0.3       | 3.3     | 0.64  | 93.5      | 32.9738 | 18.3458 |
| 2009 | 6     | 10  | 15   | 24     | 54     | 0.3       | 3.3     | 0.68  | 91.9      | 32.9738 | 19.4977 |
| 2009 | 6     | 10  | 15   | 34     | 54     | 0.3       | 3.3     | 0.63  | 93.6      | 32.9738 | 18.154  |
| 2009 | 6     | 10  | 15   | 44     | 54     | 0.3       | 3.3     | 0.68  | 93.9      | 33.0082 | 19.6145 |
| 2009 | 6     | 10  | 15   | 54     | 54     | 0.3       | 3.3     | 0.72  | 90        | 32.9738 | 20.6504 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 10  | 16   | 4      | 54     | 0.3       | 3.3     | 0.73  | 90        | 32.9738 | 21.2272 |
| 2009 | 6     | 10  | 16   | 14     | 54     | 0.3       | 3.3     | 0.67  | 94.2      | 32.9738 | 19.2096 |
| 2009 | 6     | 10  | 16   | 24     | 54     | 0.3       | 3.3     | 0.67  | 91.1      | 32.9738 | 19.3056 |
| 2009 | 6     | 10  | 16   | 34     | 54     | 0.3       | 3.3     | 0.69  | 93.5      | 32.9738 | 19.8818 |
| 2009 | 6     | 10  | 16   | 44     | 54     | 0.3       | 3.3     | 0.66  | 91.7      | 32.9738 | 18.9216 |
| 2009 | 6     | 10  | 16   | 54     | 54     | 0.3       | 3.3     | 0.68  | 91.4      | 32.9738 | 19.4977 |
| 2009 | 6     | 10  | 17   | 4      | 54     | 0.3       | 3.3     | 0.68  | 92.8      | 32.9738 | 19.5937 |
| 2009 | 6     | 10  | 17   | 14     | 54     | 0.3       | 3.3     | 0.68  | 92.8      | 32.9738 | 19.6897 |
| 2009 | 6     | 10  | 17   | 24     | 54     | 0.3       | 3.3     | 0.67  | 92.5      | 32.9738 | 19.2096 |
| 2009 | 6     | 10  | 17   | 34     | 54     | 0.3       | 3.3     | 0.72  | 91.3      | 32.9738 | 20.7465 |
| 2009 | 6     | 10  | 17   | 44     | 54     | 0.3       | 3.3     | 0.65  | 96.4      | 32.9738 | 18.5377 |
| 2009 | 6     | 10  | 17   | 54     | 54     | 0.3       | 3.3     | 0.7   | 94.6      | 32.9738 | 20.17   |
| 2009 | 6     | 10  | 18   | 4      | 54     | 0.3       | 3.3     | 0.68  | 90        | 32.9738 | 19.5937 |
| 2009 | 6     | 10  | 18   | 14     | 54     | 0.3       | 3.3     | 0.75  | 92.8      | 32.9738 | 21.6118 |
| 2009 | 6     | 10  | 18   | 24     | 54     | 0.3       | 3.3     | 0.76  | 89        | 32.9738 | 21.9965 |
| 2009 | 6     | 10  | 18   | 34     | 54     | 0.3       | 3.3     | 0.72  | 92.1      | 32.9738 | 20.6504 |
| 2009 | 6     | 10  | 18   | 44     | 54     | 0.3       | 3.3     | 0.72  | 92.4      | 32.9738 | 20.7465 |
| 2009 | 6     | 10  | 18   | 54     | 54     | 0.3       | 3.3     | 0.7   | 92.2      | 32.9738 | 20.0739 |
| 2009 | 6     | 10  | 19   | 4      | 54     | 0.3       | 3.3     | 0.74  | 91.8      | 32.9738 | 21.4195 |
| 2009 | 6     | 10  | 19   | 14     | 54     | 0.3       | 3.3     | 0.76  | 91.5      | 32.9738 | 21.9965 |
| 2009 | 6     | 10  | 19   | 24     | 54     | 0.3       | 3.3     | 0.75  | 91.8      | 33.0082 | 21.5385 |
| 2009 | 6     | 10  | 19   | 34     | 54     | 0.3       | 3.3     | 0.72  | 91        | 32.9738 | 20.7465 |
| 2009 | 6     | 10  | 19   | 44     | 54     | 0.3       | 3.3     | 0.67  | 93.7      | 33.0082 | 19.23   |
| 2009 | 6     | 10  | 19   | 54     | 54     | 0.3       | 3.3     | 0.67  | 92.8      | 33.0082 | 19.3261 |
| 2009 | 6     | 10  | 20   | 4      | 54     | 0.3       | 3.3     | 0.69  | 92.4      | 32.9738 | 19.9779 |
| 2009 | 6     | 10  | 20   | 14     | 54     | 0.3       | 3.3     | 0.75  | 93        | 33.0082 | 21.731  |
| 2009 | 6     | 10  | 20   | 24     | 54     | 0.3       | 3.3     | 0.68  | 95.5      | 33.0082 | 19.6145 |
| 2009 | 6     | 10  | 20   | 34     | 54     | 0.3       | 3.3     | 0.72  | 92.1      | 33.0426 | 20.8869 |
| 2009 | 6     | 10  | 20   | 44     | 54     | 0.3       | 3.3     | 0.71  | 94.3      | 33.0426 | 20.4054 |
| 2009 | 6     | 10  | 20   | 54     | 54     | 0.3       | 3.3     | 0.7   | 91.4      | 33.077  | 20.1379 |
| 2009 | 6     | 10  | 21   | 4      | 54     | 0.3       | 3.3     | 0.71  | 93.2      | 33.077  | 20.6198 |
| 2009 | 6     | 10  | 21   | 14     | 54     | 0.3       | 3.3     | 0.7   | 94        | 33.077  | 20.1379 |
| 2009 | 6     | 10  | 21   | 24     | 54     | 0.3       | 3.3     | 0.68  | 90.3      | 33.1114 | 19.5805 |
| 2009 | 6     | 10  | 21   | 34     | 54     | 0.3       | 3.3     | 0.74  | 93        | 33.1458 | 21.5332 |
| 2009 | 6     | 10  | 21   | 44     | 54     | 0.3       | 3.3     | 0.7   | 94.3      | 33.1458 | 20.2771 |
| 2009 | 6     | 10  | 21   | 54     | 54     | 0.3       | 3.3     | 0.73  | 90.3      | 33.1458 | 21.05   |
| 2009 | 6     | 10  | 22   | 4      | 54     | 0.3       | 3.3     | 0.71  | 90.5      | 33.1458 | 20.6635 |
| 2009 | 6     | 10  | 22   | 14     | 54     | 0.3       | 3.3     | 0.71  | 91.3      | 33.1458 | 20.4703 |
| 2009 | 6     | 10  | 22   | 24     | 54     | 0.3       | 3.3     | 0.69  | 91.4      | 33.1802 | 20.0086 |
| 2009 | 6     | 10  | 22   | 34     | 54     | 0.3       | 3.3     | 0.65  | 90.6      | 33.1802 | 18.7525 |
| 2009 | 6     | 10  | 22   | 44     | 54     | 0.3       | 3.3     | 0.71  | 92.7      | 33.1802 | 20.5886 |
| 2009 | 6     | 10  | 22   | 54     | 54     | 0.3       | 3.3     | 0.7   | 92.4      | 33.1802 | 20.2019 |
| 2009 | 6     | 10  | 23   | 4      | 54     | 0.3       | 3.3     | 0.72  | 93.6      | 33.1802 | 20.9755 |
| 2009 | 6     | 10  | 23   | 14     | 54     | 0.3       | 3.3     | 0.73  | 93.3      | 33.1802 | 21.2657 |
| 2009 | 6     | 10  | 23   | 24     | 54     | 0.3       | 3.3     | 0.72  | 94.4      | 33.2146 | 20.9976 |
| 2009 | 6     | 10  | 23   | 34     | 54     | 0.3       | 3.3     | 0.72  | 92.1      | 33.2146 | 20.804  |
| 2009 | 6     | 10  | 23   | 44     | 54     | 0.3       | 3.3     | 0.75  | 93.5      | 33.2146 | 21.6756 |
| 2009 | 6     | 10  | 23   | 54     | 54     | 0.3       | 3.3     | 0.73  | 90        | 33.2146 | 21.1913 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 11  | 0    | 4      | 54     | 0.3       | 3.3     | 0.67  | 97        | 33.2146 | 19.4492 |
| 2009 | 6     | 11  | 0    | 14     | 54     | 0.3       | 3.3     | 0.73  | 91.6      | 33.2146 | 21.0945 |
| 2009 | 6     | 11  | 0    | 24     | 54     | 0.3       | 3.3     | 0.75  | 90        | 33.2146 | 21.8694 |
| 2009 | 6     | 11  | 0    | 34     | 54     | 0.3       | 3.3     | 0.69  | 94.4      | 33.2146 | 19.9329 |
| 2009 | 6     | 11  | 0    | 44     | 54     | 0.3       | 3.3     | 0.72  | 92.4      | 33.2146 | 20.804  |
| 2009 | 6     | 11  | 0    | 54     | 54     | 0.3       | 3.3     | 0.72  | 93.9      | 33.2146 | 20.804  |
| 2009 | 6     | 11  | 1    | 4      | 54     | 0.3       | 3.3     | 0.68  | 94.7      | 33.2146 | 19.8362 |
| 2009 | 6     | 11  | 1    | 14     | 54     | 0.3       | 3.3     | 0.74  | 95.6      | 33.2146 | 21.2882 |
| 2009 | 6     | 11  | 1    | 24     | 54     | 0.3       | 3.3     | 0.72  | 93.6      | 33.2146 | 20.9976 |
| 2009 | 6     | 11  | 1    | 34     | 54     | 0.3       | 3.3     | 0.75  | 92.8      | 33.2146 | 21.7725 |
| 2009 | 6     | 11  | 1    | 44     | 54     | 0.3       | 3.3     | 0.77  | 92.5      | 33.2146 | 22.257  |
| 2009 | 6     | 11  | 1    | 54     | 54     | 0.3       | 3.3     | 0.73  | 94.7      | 33.249  | 21.1167 |
| 2009 | 6     | 11  | 2    | 4      | 54     | 0.3       | 3.3     | 0.72  | 95.2      | 33.249  | 20.9229 |
| 2009 | 6     | 11  | 2    | 14     | 54     | 0.3       | 3.3     | 0.73  | 91.8      | 33.249  | 21.3106 |
| 2009 | 6     | 11  | 2    | 24     | 54     | 0.3       | 3.3     | 0.7   | 92.4      | 33.2146 | 20.32   |
| 2009 | 6     | 11  | 2    | 34     | 54     | 0.3       | 3.3     | 0.7   | 90.3      | 33.249  | 20.4383 |
| 2009 | 6     | 11  | 2    | 44     | 54     | 0.3       | 3.3     | 0.74  | 89.7      | 33.249  | 21.6015 |
| 2009 | 6     | 11  | 2    | 54     | 54     | 0.3       | 3.3     | 0.71  | 92.4      | 33.249  | 20.5352 |
| 2009 | 6     | 11  | 3    | 4      | 54     | 0.3       | 3.3     | 0.68  | 93.6      | 33.249  | 19.8571 |
| 2009 | 6     | 11  | 3    | 14     | 54     | 0.3       | 3.3     | 0.69  | 95.2      | 33.249  | 19.8571 |
| 2009 | 6     | 11  | 3    | 24     | 54     | 0.3       | 3.3     | 0.73  | 93.1      | 33.249  | 21.2137 |
| 2009 | 6     | 11  | 3    | 34     | 54     | 0.3       | 3.3     | 0.74  | 93.3      | 33.249  | 21.4076 |
| 2009 | 6     | 11  | 3    | 44     | 54     | 0.3       | 3.3     | 0.69  | 93.6      | 33.249  | 19.9539 |
| 2009 | 6     | 11  | 3    | 54     | 54     | 0.3       | 3.3     | 0.7   | 92.7      | 33.249  | 20.3414 |
| 2009 | 6     | 11  | 4    | 4      | 54     | 0.3       | 3.3     | 0.71  | 96.6      | 33.249  | 20.5352 |
| 2009 | 6     | 11  | 4    | 14     | 54     | 0.3       | 3.3     | 0.72  | 92.4      | 33.2834 | 20.8479 |
| 2009 | 6     | 11  | 4    | 24     | 54     | 0.3       | 3.3     | 0.65  | 93.8      | 33.249  | 18.7921 |
| 2009 | 6     | 11  | 4    | 34     | 54     | 0.3       | 3.3     | 0.69  | 91.6      | 33.2834 | 19.9749 |
| 2009 | 6     | 11  | 4    | 44     | 54     | 0.3       | 3.3     | 0.75  | 91        | 33.2834 | 21.8184 |
| 2009 | 6     | 11  | 4    | 54     | 54     | 0.3       | 3.3     | 0.7   | 94.6      | 33.2834 | 20.3628 |
| 2009 | 6     | 11  | 5    | 4      | 54     | 0.3       | 3.3     | 0.71  | 94.2      | 33.2834 | 20.6538 |
| 2009 | 6     | 11  | 5    | 14     | 54     | 0.3       | 3.3     | 0.7   | 93.8      | 33.2834 | 20.3628 |
| 2009 | 6     | 11  | 5    | 24     | 54     | 0.3       | 3.3     | 0.73  | 92.3      | 33.2834 | 21.139  |
| 2009 | 6     | 11  | 5    | 34     | 54     | 0.3       | 3.3     | 0.71  | 95.3      | 33.2834 | 20.4598 |
| 2009 | 6     | 11  | 5    | 44     | 54     | 0.3       | 3.3     | 0.72  | 92.6      | 33.2834 | 20.9449 |
| 2009 | 6     | 11  | 5    | 54     | 54     | 0.3       | 3.3     | 0.69  | 90        | 33.3178 | 20.1901 |
| 2009 | 6     | 11  | 6    | 4      | 54     | 0.3       | 3.3     | 0.73  | 90        | 33.3178 | 21.3555 |
| 2009 | 6     | 11  | 6    | 14     | 54     | 0.3       | 3.3     | 0.7   | 91.9      | 33.3178 | 20.3843 |
| 2009 | 6     | 11  | 6    | 24     | 54     | 0.3       | 3.3     | 0.7   | 93.5      | 33.3178 | 20.4814 |
| 2009 | 6     | 11  | 6    | 34     | 54     | 0.3       | 3.3     | 0.7   | 92.9      | 33.3178 | 20.4814 |
| 2009 | 6     | 11  | 6    | 44     | 54     | 0.3       | 3.3     | 0.66  | 94        | 33.3522 | 19.337  |
| 2009 | 6     | 11  | 6    | 54     | 54     | 0.3       | 3.3     | 0.67  | 92        | 33.3522 | 19.4341 |
| 2009 | 6     | 11  | 7    | 4      | 54     | 0.3       | 3.3     | 0.67  | 94.7      | 33.3865 | 19.649  |
| 2009 | 6     | 11  | 7    | 14     | 54     | 0.3       | 3.3     | 0.75  | 93.5      | 33.3865 | 21.9847 |
| 2009 | 6     | 11  | 7    | 24     | 54     | 0.3       | 3.3     | 0.65  | 95.8      | 33.3865 | 18.8713 |
| 2009 | 6     | 11  | 7    | 34     | 54     | 0.3       | 3.3     | 0.69  | 94.1      | 33.3865 | 20.1353 |
| 2009 | 6     | 11  | 7    | 44     | 54     | 0.3       | 3.3     | 0.7   | 90.5      | 33.3865 | 20.4271 |
| 2009 | 6     | 11  | 7    | 54     | 54     | 0.3       | 3.3     | 0.72  | 93.6      | 33.4209 | 21.1305 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 11  | 8    | 4      | 54     | 0.3       | 3.3     | 0.66  | 93.1      | 33.4209 | 19.3776 |
| 2009 | 6     | 11  | 8    | 14     | 54     | 0.3       | 3.3     | 0.7   | 95.4      | 33.4553 | 20.3725 |
| 2009 | 6     | 11  | 8    | 33     | 17     | 0.3       | 3.3     | 0.73  | 92.3      | 33.4209 | 21.3254 |
| 2009 | 6     | 11  | 8    | 43     | 17     | 0.3       | 3.3     | 0.67  | 92        | 33.4553 | 19.4953 |
| 2009 | 6     | 11  | 8    | 53     | 17     | 0.3       | 3.3     | 0.7   | 94.6      | 33.4553 | 20.3725 |
| 2009 | 6     | 11  | 9    | 3      | 17     | 0.3       | 3.3     | 0.73  | 95.1      | 33.4553 | 21.3477 |
| 2009 | 6     | 11  | 9    | 13     | 17     | 0.3       | 3.3     | 0.69  | 92.2      | 33.4553 | 20.08   |
| 2009 | 6     | 11  | 9    | 23     | 17     | 0.3       | 3.3     | 0.7   | 93        | 33.4553 | 20.3725 |
| 2009 | 6     | 11  | 9    | 33     | 17     | 0.3       | 3.3     | 0.69  | 93        | 33.4553 | 20.275  |
| 2009 | 6     | 11  | 9    | 43     | 17     | 0.3       | 3.3     | 0.63  | 93.3      | 33.4553 | 18.3266 |
| 2009 | 6     | 11  | 9    | 53     | 17     | 0.3       | 3.3     | 0.66  | 94        | 33.4897 | 19.4182 |
| 2009 | 6     | 11  | 10   | 3      | 17     | 0.3       | 3.3     | 0.67  | 93.4      | 33.4897 | 19.7108 |
| 2009 | 6     | 11  | 10   | 13     | 17     | 0.3       | 3.3     | 0.64  | 95.9      | 33.4897 | 18.7357 |
| 2009 | 6     | 11  | 10   | 23     | 17     | 0.3       | 3.3     | 0.69  | 90.3      | 33.4897 | 20.2962 |
| 2009 | 6     | 11  | 10   | 33     | 17     | 0.3       | 3.3     | 0.67  | 92.3      | 33.4897 | 19.5157 |
| 2009 | 6     | 11  | 10   | 43     | 17     | 0.3       | 3.3     | 0.68  | 91.4      | 33.4897 | 20.0035 |
| 2009 | 6     | 11  | 10   | 53     | 17     | 0.3       | 3.3     | 0.67  | 96.2      | 33.4897 | 19.5157 |
| 2009 | 6     | 11  | 11   | 3      | 17     | 0.3       | 3.3     | 0.69  | 93.5      | 33.4897 | 20.2962 |
| 2009 | 6     | 11  | 11   | 13     | 17     | 0.3       | 3.3     | 0.69  | 90.3      | 33.4897 | 20.2962 |
| 2009 | 6     | 11  | 11   | 23     | 17     | 0.3       | 3.3     | 0.64  | 93.2      | 33.4897 | 18.8332 |
| 2009 | 6     | 11  | 11   | 33     | 17     | 0.3       | 3.3     | 0.66  | 94.9      | 33.4897 | 19.2232 |
| 2009 | 6     | 11  | 11   | 43     | 17     | 0.3       | 3.3     | 0.68  | 92.2      | 33.4897 | 20.0035 |
| 2009 | 6     | 11  | 11   | 53     | 17     | 0.3       | 3.3     | 0.68  | 91.7      | 33.4897 | 20.0035 |
| 2009 | 6     | 11  | 12   | 3      | 17     | 0.3       | 3.3     | 0.66  | 93.7      | 33.4897 | 19.3207 |
| 2009 | 6     | 11  | 12   | 13     | 17     | 0.3       | 3.3     | 0.64  | 91.5      | 33.4897 | 18.7357 |
| 2009 | 6     | 11  | 12   | 23     | 17     | 0.3       | 3.3     | 0.62  | 98.5      | 33.4897 | 18.0535 |
| 2009 | 6     | 11  | 12   | 33     | 17     | 0.3       | 3.3     | 0.69  | 93.5      | 33.4897 | 20.1986 |
| 2009 | 6     | 11  | 12   | 43     | 17     | 0.3       | 3.3     | 0.67  | 93.7      | 33.4553 | 19.4953 |
| 2009 | 6     | 11  | 12   | 53     | 17     | 0.3       | 3.3     | 0.62  | 93.3      | 33.524  | 18.2675 |
| 2009 | 6     | 11  | 13   | 3      | 17     | 0.3       | 3.3     | 0.68  | 94.4      | 33.4553 | 19.7876 |
| 2009 | 6     | 11  | 13   | 13     | 17     | 0.3       | 3.3     | 0.66  | 92.3      | 33.4897 | 19.2232 |
| 2009 | 6     | 11  | 13   | 23     | 17     | 0.3       | 3.3     | 0.68  | 93.3      | 33.4897 | 19.8084 |
| 2009 | 6     | 11  | 13   | 33     | 17     | 0.3       | 3.3     | 0.6   | 97.8      | 33.4897 | 17.4691 |
| 2009 | 6     | 11  | 13   | 43     | 17     | 0.3       | 3.3     | 0.65  | 93.8      | 33.4897 | 18.9306 |
| 2009 | 6     | 11  | 13   | 53     | 17     | 0.3       | 3.3     | 0.65  | 96.4      | 33.524  | 18.9504 |
| 2009 | 6     | 11  | 14   | 3      | 17     | 0.3       | 3.3     | 0.6   | 94.1      | 33.4897 | 17.5665 |
| 2009 | 6     | 11  | 14   | 13     | 17     | 0.3       | 3.3     | 0.65  | 93.5      | 33.4553 | 19.1057 |
| 2009 | 6     | 11  | 14   | 23     | 17     | 0.3       | 3.3     | 0.67  | 95.6      | 33.4553 | 19.5928 |
| 2009 | 6     | 11  | 14   | 33     | 17     | 0.3       | 3.3     | 0.64  | 96.2      | 33.4553 | 18.6187 |
| 2009 | 6     | 11  | 14   | 43     | 17     | 0.3       | 3.3     | 0.67  | 94.2      | 33.4897 | 19.5157 |
| 2009 | 6     | 11  | 14   | 53     | 17     | 0.3       | 3.3     | 0.69  | 91.4      | 33.524  | 20.1221 |
| 2009 | 6     | 11  | 15   | 3      | 17     | 0.3       | 3.3     | 0.67  | 92.8      | 33.5584 | 19.6543 |
| 2009 | 6     | 11  | 15   | 13     | 17     | 0.3       | 3.3     | 0.68  | 94.4      | 33.524  | 19.8291 |
| 2009 | 6     | 11  | 15   | 23     | 17     | 0.3       | 3.3     | 0.7   | 90.3      | 33.524  | 20.4151 |
| 2009 | 6     | 11  | 15   | 33     | 17     | 0.3       | 3.3     | 0.64  | 95        | 33.524  | 18.6577 |
| 2009 | 6     | 11  | 15   | 43     | 17     | 0.3       | 3.3     | 0.63  | 94.2      | 33.524  | 18.365  |
| 2009 | 6     | 11  | 15   | 53     | 17     | 0.3       | 3.3     | 0.62  | 96.7      | 33.524  | 18.0724 |
| 2009 | 6     | 11  | 16   | 3      | 17     | 0.3       | 3.3     | 0.67  | 93.1      | 33.524  | 19.7314 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 11  | 16   | 13     | 17     | 0.3       | 3.3     | 0.61  | 93.4      | 33.4897 | 17.9561 |
| 2009 | 6     | 11  | 16   | 23     | 17     | 0.3       | 3.3     | 0.69  | 92.7      | 33.524  | 20.2197 |
| 2009 | 6     | 11  | 16   | 33     | 17     | 0.3       | 3.3     | 0.65  | 94.3      | 33.4897 | 19.1256 |
| 2009 | 6     | 11  | 16   | 43     | 17     | 0.3       | 3.3     | 0.66  | 94.2      | 33.524  | 19.4385 |
| 2009 | 6     | 11  | 16   | 53     | 17     | 0.3       | 3.3     | 0.63  | 94.5      | 33.4897 | 18.4433 |
| 2009 | 6     | 11  | 17   | 3      | 17     | 0.3       | 3.3     | 0.68  | 91.7      | 33.524  | 19.8291 |
| 2009 | 6     | 11  | 17   | 13     | 17     | 0.3       | 3.3     | 0.73  | 90.3      | 33.4897 | 21.3701 |
| 2009 | 6     | 11  | 17   | 23     | 17     | 0.3       | 3.3     | 0.66  | 92.8      | 33.524  | 19.4385 |
| 2009 | 6     | 11  | 17   | 33     | 17     | 0.3       | 3.3     | 0.69  | 93.3      | 33.4897 | 20.1986 |
| 2009 | 6     | 11  | 17   | 43     | 17     | 0.3       | 3.3     | 0.67  | 94.7      | 33.524  | 19.7314 |
| 2009 | 6     | 11  | 17   | 53     | 17     | 0.3       | 3.3     | 0.62  | 93.6      | 33.524  | 18.1699 |
| 2009 | 6     | 11  | 18   | 3      | 17     | 0.3       | 3.3     | 0.65  | 94.7      | 33.4897 | 18.8332 |
| 2009 | 6     | 11  | 18   | 13     | 17     | 0.3       | 3.3     | 0.72  | 94.2      | 33.4897 | 20.9795 |
| 2009 | 6     | 11  | 18   | 23     | 17     | 0.3       | 3.3     | 0.65  | 92.6      | 33.4897 | 19.0281 |
| 2009 | 6     | 11  | 18   | 33     | 17     | 0.3       | 3.3     | 0.69  | 92.7      | 33.4897 | 20.2962 |
| 2009 | 6     | 11  | 18   | 43     | 17     | 0.3       | 3.3     | 0.7   | 89.2      | 33.4897 | 20.3938 |
| 2009 | 6     | 11  | 18   | 53     | 17     | 0.3       | 3.3     | 0.69  | 95.2      | 33.4897 | 20.1986 |
| 2009 | 6     | 11  | 19   | 3      | 17     | 0.3       | 3.3     | 0.68  | 93.3      | 33.4897 | 19.8084 |
| 2009 | 6     | 11  | 19   | 13     | 17     | 0.3       | 3.3     | 0.69  | 90        | 33.4897 | 20.1986 |
| 2009 | 6     | 11  | 19   | 23     | 17     | 0.3       | 3.3     | 0.65  | 91.4      | 33.4897 | 19.1256 |
| 2009 | 6     | 11  | 19   | 33     | 17     | 0.3       | 3.3     | 0.7   | 90        | 33.4897 | 20.4914 |
| 2009 | 6     | 11  | 19   | 43     | 17     | 0.3       | 3.3     | 0.71  | 90.8      | 33.4897 | 20.7842 |
| 2009 | 6     | 11  | 19   | 53     | 17     | 0.3       | 3.3     | 0.71  | 91.6      | 33.4897 | 20.6866 |
| 2009 | 6     | 11  | 20   | 3      | 17     | 0.3       | 3.3     | 0.75  | 92        | 33.4897 | 22.0538 |
| 2009 | 6     | 11  | 20   | 13     | 17     | 0.3       | 3.3     | 0.74  | 92.8      | 33.524  | 21.6857 |
| 2009 | 6     | 11  | 20   | 23     | 17     | 0.3       | 3.3     | 0.7   | 91.6      | 33.4897 | 20.3938 |
| 2009 | 6     | 11  | 20   | 33     | 17     | 0.3       | 3.3     | 0.73  | 94.1      | 33.4897 | 21.2724 |
| 2009 | 6     | 11  | 20   | 43     | 17     | 0.3       | 3.3     | 0.73  | 92.3      | 33.524  | 21.2946 |
| 2009 | 6     | 11  | 20   | 53     | 17     | 0.3       | 3.3     | 0.69  | 93.3      | 33.4897 | 20.2962 |
| 2009 | 6     | 11  | 21   | 3      | 17     | 0.3       | 3.3     | 0.74  | 90.5      | 33.4897 | 21.7607 |
| 2009 | 6     | 11  | 21   | 13     | 17     | 0.3       | 3.3     | 0.74  | 91.3      | 33.4897 | 21.5654 |
| 2009 | 6     | 11  | 21   | 23     | 17     | 0.3       | 3.3     | 0.7   | 92.7      | 33.524  | 20.6105 |
| 2009 | 6     | 11  | 21   | 33     | 17     | 0.3       | 3.3     | 0.7   | 93.8      | 33.524  | 20.5128 |
| 2009 | 6     | 11  | 21   | 43     | 17     | 0.3       | 3.3     | 0.76  | 92.7      | 33.524  | 22.3702 |
| 2009 | 6     | 11  | 21   | 53     | 17     | 0.3       | 3.3     | 0.67  | 94.5      | 33.524  | 19.7314 |
| 2009 | 6     | 11  | 22   | 3      | 17     | 0.3       | 3.3     | 0.68  | 92.8      | 33.524  | 20.0244 |
| 2009 | 6     | 11  | 22   | 13     | 17     | 0.3       | 3.3     | 0.72  | 93.4      | 33.524  | 21.0991 |
| 2009 | 6     | 11  | 22   | 23     | 17     | 0.3       | 3.3     | 0.76  | 90.7      | 33.524  | 22.3702 |
| 2009 | 6     | 11  | 22   | 33     | 17     | 0.3       | 3.3     | 0.75  | 91.8      | 33.5584 | 22.002  |
| 2009 | 6     | 11  | 22   | 43     | 17     | 0.3       | 3.3     | 0.72  | 93.7      | 33.5584 | 21.0233 |
| 2009 | 6     | 11  | 22   | 53     | 17     | 0.3       | 3.3     | 0.72  | 92.6      | 33.5584 | 21.0233 |
| 2009 | 6     | 11  | 23   | 3      | 17     | 0.3       | 3.3     | 0.76  | 92.7      | 33.5584 | 22.1978 |
| 2009 | 6     | 11  | 23   | 13     | 17     | 0.3       | 3.3     | 0.69  | 94.1      | 33.5928 | 20.3599 |
| 2009 | 6     | 11  | 23   | 23     | 17     | 0.3       | 3.3     | 0.71  | 94.3      | 33.5928 | 20.7515 |
| 2009 | 6     | 11  | 23   | 33     | 17     | 0.3       | 3.3     | 0.7   | 90        | 33.5928 | 20.6536 |
| 2009 | 6     | 11  | 23   | 43     | 17     | 0.3       | 3.3     | 0.71  | 91.9      | 33.5928 | 20.8494 |
| 2009 | 6     | 11  | 23   | 53     | 17     | 0.3       | 3.3     | 0.71  | 92.7      | 33.5928 | 20.8494 |
| 2009 | 6     | 12  | 0    | 3      | 17     | 0.3       | 3.3     | 0.72  | 95        | 33.6272 | 21.1652 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 12  | 0    | 13     | 17     | 0.3       | 3.3     | 0.76  | 90.5      | 33.6272 | 22.3423 |
| 2009 | 6     | 12  | 0    | 23     | 17     | 0.3       | 3.3     | 0.76  | 92.7      | 33.5928 | 22.221  |
| 2009 | 6     | 12  | 0    | 33     | 17     | 0.3       | 3.3     | 0.76  | 91.2      | 33.6272 | 22.538  |
| 2009 | 6     | 12  | 0    | 43     | 17     | 0.3       | 3.3     | 0.71  | 92.4      | 33.6272 | 20.9692 |
| 2009 | 6     | 12  | 0    | 53     | 17     | 0.3       | 3.3     | 0.73  | 93.6      | 33.6272 | 21.3614 |
| 2009 | 6     | 12  | 1    | 3      | 17     | 0.3       | 3.3     | 0.78  | 90        | 33.6272 | 23.0274 |
| 2009 | 6     | 12  | 1    | 13     | 17     | 0.3       | 3.3     | 0.76  | 91.2      | 33.6272 | 22.4401 |
| 2009 | 6     | 12  | 1    | 23     | 17     | 0.3       | 3.3     | 0.73  | 91.3      | 33.6272 | 21.4594 |
| 2009 | 6     | 12  | 1    | 33     | 17     | 0.3       | 3.3     | 0.74  | 91.3      | 33.6615 | 21.7763 |
| 2009 | 6     | 12  | 1    | 43     | 17     | 0.3       | 3.3     | 0.68  | 93.3      | 33.6272 | 19.9892 |
| 2009 | 6     | 12  | 1    | 53     | 17     | 0.3       | 3.3     | 0.7   | 91.6      | 33.6272 | 20.4791 |
| 2009 | 6     | 12  | 2    | 3      | 17     | 0.3       | 3.3     | 0.69  | 91.4      | 33.6272 | 20.3811 |
| 2009 | 6     | 12  | 2    | 13     | 17     | 0.3       | 3.3     | 0.75  | 90.7      | 33.6272 | 22.2441 |
| 2009 | 6     | 12  | 2    | 23     | 17     | 0.3       | 3.3     | 0.75  | 94        | 33.6615 | 22.0709 |
| 2009 | 6     | 12  | 2    | 33     | 17     | 0.3       | 3.3     | 0.77  | 93.9      | 33.6615 | 22.7573 |
| 2009 | 6     | 12  | 2    | 43     | 17     | 0.3       | 3.3     | 0.71  | 93.7      | 33.6615 | 20.991  |
| 2009 | 6     | 12  | 2    | 53     | 17     | 0.3       | 3.3     | 0.79  | 90.9      | 33.6272 | 23.4189 |
| 2009 | 6     | 12  | 3    | 3      | 17     | 0.3       | 3.3     | 0.72  | 91        | 33.6615 | 21.1873 |
| 2009 | 6     | 12  | 3    | 13     | 17     | 0.3       | 3.3     | 0.74  | 90.8      | 33.6615 | 21.8745 |
| 2009 | 6     | 12  | 3    | 23     | 17     | 0.3       | 3.3     | 0.77  | 92.4      | 33.6615 | 22.6594 |
| 2009 | 6     | 12  | 3    | 33     | 17     | 0.3       | 3.3     | 0.72  | 91.6      | 33.6615 | 21.2854 |
| 2009 | 6     | 12  | 3    | 43     | 17     | 0.3       | 3.3     | 0.77  | 92.4      | 33.6615 | 22.6594 |
| 2009 | 6     | 12  | 3    | 53     | 17     | 0.3       | 3.3     | 0.77  | 89        | 33.6615 | 22.7573 |
| 2009 | 6     | 12  | 4    | 3      | 17     | 0.3       | 3.3     | 0.74  | 91        | 33.6615 | 21.7763 |
| 2009 | 6     | 12  | 4    | 13     | 17     | 0.3       | 3.3     | 0.75  | 91.8      | 33.6615 | 21.9727 |
| 2009 | 6     | 12  | 4    | 23     | 17     | 0.3       | 3.3     | 0.76  | 91.5      | 33.6615 | 22.3655 |
| 2009 | 6     | 12  | 4    | 33     | 17     | 0.3       | 3.3     | 0.69  | 92.7      | 33.6615 | 20.2061 |
| 2009 | 6     | 12  | 4    | 43     | 17     | 0.3       | 3.3     | 0.76  | 94.9      | 33.6615 | 22.4634 |
| 2009 | 6     | 12  | 4    | 53     | 17     | 0.3       | 3.3     | 0.72  | 91        | 33.6615 | 21.1873 |
| 2009 | 6     | 12  | 5    | 3      | 17     | 0.3       | 3.3     | 0.75  | 94.2      | 33.6615 | 22.1691 |
| 2009 | 6     | 12  | 5    | 13     | 17     | 0.3       | 3.3     | 0.73  | 94.1      | 33.6615 | 21.3836 |
| 2009 | 6     | 12  | 5    | 23     | 17     | 0.3       | 3.3     | 0.78  | 92.6      | 33.6615 | 23.0513 |
| 2009 | 6     | 12  | 5    | 33     | 17     | 0.3       | 3.3     | 0.69  | 91.1      | 33.6615 | 20.2061 |
| 2009 | 6     | 12  | 5    | 43     | 17     | 0.3       | 3.3     | 0.71  | 90        | 33.6615 | 20.991  |
| 2009 | 6     | 12  | 5    | 53     | 17     | 0.3       | 3.3     | 0.72  | 90        | 33.6615 | 21.2854 |
| 2009 | 6     | 12  | 6    | 3      | 17     | 0.3       | 3.3     | 0.75  | 92        | 33.6615 | 22.0709 |
| 2009 | 6     | 12  | 6    | 13     | 17     | 0.3       | 3.3     | 0.76  | 94.2      | 33.6615 | 22.2673 |
| 2009 | 6     | 12  | 6    | 23     | 17     | 0.3       | 3.3     | 0.68  | 95.6      | 33.6615 | 19.8138 |
| 2009 | 6     | 12  | 6    | 33     | 17     | 0.3       | 3.3     | 0.73  | 95.1      | 33.6615 | 21.4818 |
| 2009 | 6     | 12  | 6    | 43     | 17     | 0.3       | 3.3     | 0.68  | 92.8      | 33.6615 | 20.01   |
| 2009 | 6     | 12  | 6    | 53     | 17     | 0.3       | 3.3     | 0.68  | 94.1      | 33.6615 | 20.108  |
| 2009 | 6     | 12  | 7    | 3      | 17     | 0.3       | 3.3     | 0.71  | 92.4      | 33.6615 | 20.7947 |
| 2009 | 6     | 12  | 7    | 13     | 17     | 0.3       | 3.3     | 0.72  | 94.2      | 33.6615 | 21.1873 |
| 2009 | 6     | 12  | 7    | 23     | 17     | 0.3       | 3.3     | 0.72  | 93.7      | 33.6615 | 21.1873 |
| 2009 | 6     | 12  | 7    | 33     | 17     | 0.3       | 3.3     | 0.71  | 92.7      | 33.6615 | 20.8929 |
| 2009 | 6     | 12  | 7    | 43     | 17     | 0.3       | 3.3     | 0.75  | 92.8      | 33.6615 | 22.1691 |
| 2009 | 6     | 12  | 7    | 53     | 17     | 0.3       | 3.3     | 0.71  | 95.6      | 33.6615 | 20.8929 |
| 2009 | 6     | 12  | 8    | 3      | 17     | 0.3       | 3.3     | 0.69  | 92.7      | 33.6615 | 20.3042 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 12  | 8    | 13     | 17     | 0.3       | 3.3     | 0.68  | 92.8      | 33.6615 | 19.9119 |
| 2009 | 6     | 12  | 8    | 23     | 17     | 0.3       | 3.3     | 0.67  | 92.8      | 33.6615 | 19.7158 |
| 2009 | 6     | 12  | 8    | 33     | 17     | 0.3       | 3.3     | 0.71  | 91.8      | 33.6615 | 20.991  |
| 2009 | 6     | 12  | 8    | 43     | 17     | 0.3       | 3.3     | 0.67  | 92.3      | 33.6615 | 19.6177 |
| 2009 | 6     | 12  | 8    | 53     | 17     | 0.3       | 3.3     | 0.73  | 91        | 33.6615 | 21.4818 |
| 2009 | 6     | 12  | 9    | 3      | 17     | 0.3       | 3.3     | 0.71  | 90.8      | 33.6959 | 20.9146 |
| 2009 | 6     | 12  | 9    | 13     | 17     | 0.3       | 3.3     | 0.73  | 93.3      | 33.6959 | 21.6024 |
| 2009 | 6     | 12  | 9    | 23     | 17     | 0.3       | 3.3     | 0.71  | 92.4      | 33.6615 | 20.7947 |
| 2009 | 6     | 12  | 9    | 33     | 17     | 0.3       | 3.3     | 0.76  | 92.2      | 33.6959 | 22.2904 |
| 2009 | 6     | 12  | 9    | 43     | 17     | 0.3       | 3.3     | 0.68  | 93        | 33.6615 | 20.108  |
| 2009 | 6     | 12  | 9    | 53     | 17     | 0.3       | 3.3     | 0.79  | 92.1      | 33.6959 | 23.2714 |
| 2009 | 6     | 12  | 10   | 3      | 17     | 0.3       | 3.3     | 0.64  | 93.5      | 33.6959 | 18.7551 |
| 2009 | 6     | 12  | 10   | 13     | 17     | 0.3       | 3.3     | 0.7   | 95.4      | 33.6959 | 20.6199 |
| 2009 | 6     | 12  | 10   | 23     | 17     | 0.3       | 3.3     | 0.65  | 95.5      | 33.6959 | 19.0494 |
| 2009 | 6     | 12  | 10   | 33     | 17     | 0.3       | 3.3     | 0.67  | 94.8      | 33.6959 | 19.7363 |
| 2009 | 6     | 12  | 10   | 43     | 17     | 0.3       | 3.3     | 0.67  | 94.2      | 33.6959 | 19.6381 |
| 2009 | 6     | 12  | 10   | 53     | 17     | 0.3       | 3.3     | 0.64  | 92.6      | 33.6959 | 18.9513 |
| 2009 | 6     | 12  | 11   | 3      | 17     | 0.3       | 3.3     | 0.6   | 96.6      | 33.6959 | 17.4807 |
| 2009 | 6     | 12  | 11   | 13     | 17     | 0.3       | 3.3     | 0.64  | 92.6      | 33.6959 | 18.8532 |
| 2009 | 6     | 12  | 11   | 23     | 17     | 0.3       | 3.3     | 0.66  | 94.8      | 33.6959 | 19.4419 |
| 2009 | 6     | 12  | 11   | 33     | 17     | 0.3       | 3.3     | 0.71  | 91.1      | 33.6959 | 21.0128 |
| 2009 | 6     | 12  | 11   | 43     | 17     | 0.3       | 3.3     | 0.66  | 95.1      | 33.6959 | 19.3437 |
| 2009 | 6     | 12  | 11   | 53     | 17     | 0.3       | 3.3     | 0.67  | 91.7      | 33.6959 | 19.8344 |
| 2009 | 6     | 12  | 12   | 3      | 17     | 0.3       | 3.3     | 0.64  | 93.5      | 33.7303 | 18.7746 |
| 2009 | 6     | 12  | 12   | 13     | 17     | 0.3       | 3.3     | 0.66  | 96.6      | 33.6959 | 19.3437 |
| 2009 | 6     | 12  | 12   | 23     | 17     | 0.3       | 3.3     | 0.63  | 95.7      | 33.7303 | 18.4801 |
| 2009 | 6     | 12  | 12   | 33     | 17     | 0.3       | 3.3     | 0.65  | 91.7      | 33.7303 | 19.0692 |
| 2009 | 6     | 12  | 12   | 43     | 17     | 0.3       | 3.3     | 0.63  | 93.9      | 33.6959 | 18.4609 |
| 2009 | 6     | 12  | 12   | 53     | 17     | 0.3       | 3.3     | 0.69  | 95.8      | 33.7303 | 20.1499 |
| 2009 | 6     | 12  | 13   | 3      | 17     | 0.3       | 3.3     | 0.69  | 92.7      | 33.7303 | 20.4447 |
| 2009 | 6     | 12  | 13   | 13     | 17     | 0.3       | 3.3     | 0.67  | 94.5      | 33.7303 | 19.6585 |
| 2009 | 6     | 12  | 13   | 23     | 17     | 0.3       | 3.3     | 0.67  | 93.4      | 33.7303 | 19.6585 |
| 2009 | 6     | 12  | 13   | 33     | 17     | 0.3       | 3.3     | 0.63  | 93.9      | 33.7303 | 18.6764 |
| 2009 | 6     | 12  | 13   | 43     | 17     | 0.3       | 3.3     | 0.68  | 91.9      | 33.7303 | 19.9533 |
| 2009 | 6     | 12  | 13   | 53     | 17     | 0.3       | 3.3     | 0.69  | 87.6      | 33.7303 | 20.4447 |
| 2009 | 6     | 12  | 14   | 3      | 17     | 0.3       | 3.3     | 0.67  | 94.8      | 33.7303 | 19.6585 |
| 2009 | 6     | 12  | 14   | 13     | 17     | 0.3       | 3.3     | 0.76  | 91.7      | 33.7303 | 22.6082 |
| 2009 | 6     | 12  | 14   | 23     | 17     | 0.3       | 3.3     | 0.67  | 93.6      | 33.7303 | 19.7568 |
| 2009 | 6     | 12  | 14   | 33     | 17     | 0.3       | 3.3     | 0.68  | 91.9      | 33.7303 | 19.9533 |
| 2009 | 6     | 12  | 14   | 43     | 17     | 0.3       | 3.3     | 0.67  | 93.6      | 33.7303 | 19.855  |
| 2009 | 6     | 12  | 14   | 53     | 17     | 0.3       | 3.3     | 0.65  | 90.9      | 33.6959 | 19.2456 |
| 2009 | 6     | 12  | 15   | 3      | 17     | 0.3       | 3.3     | 0.69  | 90.3      | 33.6959 | 20.3253 |
| 2009 | 6     | 12  | 15   | 13     | 17     | 0.3       | 3.3     | 0.69  | 93        | 33.6959 | 20.3253 |
| 2009 | 6     | 12  | 15   | 23     | 17     | 0.3       | 3.3     | 0.68  | 95.3      | 33.7303 | 19.855  |
| 2009 | 6     | 12  | 15   | 33     | 17     | 0.3       | 3.3     | 0.64  | 93.8      | 33.7303 | 18.8728 |
| 2009 | 6     | 12  | 15   | 43     | 17     | 0.3       | 3.3     | 0.69  | 90.5      | 33.7303 | 20.4447 |
| 2009 | 6     | 12  | 15   | 53     | 17     | 0.3       | 3.3     | 0.64  | 94.1      | 33.6959 | 18.7551 |
| 2009 | 6     | 12  | 16   | 3      | 17     | 0.3       | 3.3     | 0.63  | 90        | 33.6959 | 18.4609 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 12  | 16   | 13     | 17     | 0.3       | 3.3     | 0.62  | 93.9      | 33.6959 | 18.2648 |
| 2009 | 6     | 12  | 16   | 23     | 17     | 0.3       | 3.3     | 0.67  | 91.7      | 33.6959 | 19.8344 |
| 2009 | 6     | 12  | 16   | 33     | 17     | 0.3       | 3.3     | 0.72  | 92.9      | 33.6615 | 21.1873 |
| 2009 | 6     | 12  | 16   | 43     | 17     | 0.3       | 3.3     | 0.66  | 89.4      | 33.6615 | 19.4217 |
| 2009 | 6     | 12  | 16   | 53     | 17     | 0.3       | 3.3     | 0.72  | 92.6      | 33.6959 | 21.1111 |
| 2009 | 6     | 12  | 17   | 3      | 17     | 0.3       | 3.3     | 0.69  | 90        | 33.6959 | 20.2271 |
| 2009 | 6     | 12  | 17   | 13     | 17     | 0.3       | 3.3     | 0.71  | 92.6      | 33.6615 | 20.991  |
| 2009 | 6     | 12  | 17   | 23     | 17     | 0.3       | 3.3     | 0.69  | 92.7      | 33.6615 | 20.4023 |
| 2009 | 6     | 12  | 17   | 33     | 17     | 0.3       | 3.3     | 0.66  | 93.4      | 33.6615 | 19.4217 |
| 2009 | 6     | 12  | 17   | 43     | 17     | 0.3       | 3.3     | 0.67  | 90.3      | 33.6615 | 19.7158 |
| 2009 | 6     | 12  | 17   | 53     | 17     | 0.3       | 3.3     | 0.7   | 92.7      | 33.6615 | 20.5985 |
| 2009 | 6     | 12  | 18   | 3      | 17     | 0.3       | 3.3     | 0.75  | 91.8      | 33.6615 | 22.0709 |
| 2009 | 6     | 12  | 18   | 13     | 17     | 0.3       | 3.3     | 0.75  | 93.3      | 33.6615 | 21.9727 |
| 2009 | 6     | 12  | 18   | 23     | 17     | 0.3       | 3.3     | 0.75  | 89.7      | 33.6272 | 22.146  |
| 2009 | 6     | 12  | 18   | 33     | 17     | 0.3       | 3.3     | 0.69  | 90.3      | 33.6615 | 20.3042 |
| 2009 | 6     | 12  | 18   | 43     | 17     | 0.3       | 3.3     | 0.7   | 92.4      | 33.6272 | 20.5771 |
| 2009 | 6     | 12  | 18   | 53     | 17     | 0.3       | 3.3     | 0.7   | 90        | 33.6615 | 20.5004 |
| 2009 | 6     | 12  | 19   | 3      | 17     | 0.3       | 3.3     | 0.69  | 91.4      | 33.6272 | 20.2831 |
| 2009 | 6     | 12  | 19   | 13     | 17     | 0.3       | 3.3     | 0.76  | 92.2      | 33.6272 | 22.3423 |
| 2009 | 6     | 12  | 19   | 23     | 17     | 0.3       | 3.3     | 0.74  | 91.8      | 33.6272 | 21.6556 |
| 2009 | 6     | 12  | 19   | 33     | 17     | 0.3       | 3.3     | 0.65  | 90.6      | 33.6272 | 19.2056 |
| 2009 | 6     | 12  | 19   | 43     | 17     | 0.3       | 3.3     | 0.7   | 90        | 33.6272 | 20.5771 |
| 2009 | 6     | 12  | 19   | 53     | 17     | 0.3       | 3.3     | 0.7   | 95.9      | 33.6272 | 20.5771 |
| 2009 | 6     | 12  | 20   | 3      | 17     | 0.3       | 3.3     | 0.67  | 90.6      | 33.6272 | 19.5973 |
| 2009 | 6     | 12  | 20   | 13     | 17     | 0.3       | 3.3     | 0.74  | 95.9      | 33.6272 | 21.6556 |
| 2009 | 6     | 12  | 20   | 23     | 17     | 0.3       | 3.3     | 0.76  | 92        | 33.6272 | 22.2441 |
| 2009 | 6     | 12  | 20   | 33     | 17     | 0.3       | 3.3     | 0.71  | 92.1      | 33.6272 | 20.7731 |
| 2009 | 6     | 12  | 20   | 43     | 17     | 0.3       | 3.3     | 0.65  | 94.6      | 33.6272 | 19.1077 |
| 2009 | 6     | 12  | 20   | 53     | 17     | 0.3       | 3.3     | 0.72  | 91.6      | 33.6272 | 21.1652 |
| 2009 | 6     | 12  | 21   | 3      | 17     | 0.3       | 3.3     | 0.73  | 93.4      | 33.6272 | 21.4594 |
| 2009 | 6     | 12  | 21   | 13     | 17     | 0.3       | 3.3     | 0.75  | 91.3      | 33.6272 | 22.146  |
| 2009 | 6     | 12  | 21   | 23     | 17     | 0.3       | 3.3     | 0.69  | 92.4      | 33.5928 | 20.3599 |
| 2009 | 6     | 12  | 21   | 33     | 17     | 0.3       | 3.3     | 0.72  | 92.6      | 33.6272 | 21.0672 |
| 2009 | 6     | 12  | 21   | 43     | 17     | 0.3       | 3.3     | 0.76  | 91        | 33.5928 | 22.5146 |
| 2009 | 6     | 12  | 21   | 53     | 17     | 0.3       | 3.3     | 0.75  | 91.8      | 33.5928 | 22.025  |
| 2009 | 6     | 12  | 22   | 3      | 17     | 0.3       | 3.3     | 0.77  | 92.4      | 33.5928 | 22.6123 |
| 2009 | 6     | 12  | 22   | 13     | 17     | 0.3       | 3.3     | 0.71  | 94        | 33.5928 | 20.8494 |
| 2009 | 6     | 12  | 22   | 23     | 17     | 0.3       | 3.3     | 0.76  | 92.7      | 33.5928 | 22.221  |
| 2009 | 6     | 12  | 22   | 33     | 17     | 0.3       | 3.3     | 0.71  | 93.5      | 33.5928 | 20.7515 |
| 2009 | 6     | 12  | 22   | 43     | 17     | 0.3       | 3.3     | 0.75  | 91.3      | 33.5928 | 22.025  |
| 2009 | 6     | 12  | 22   | 53     | 17     | 0.3       | 3.3     | 0.71  | 91.6      | 33.5928 | 20.9473 |
| 2009 | 6     | 12  | 23   | 3      | 17     | 0.3       | 3.3     | 0.69  | 93        | 33.5928 | 20.262  |
| 2009 | 6     | 12  | 23   | 13     | 17     | 0.3       | 3.3     | 0.73  | 91.3      | 33.5928 | 21.3391 |
| 2009 | 6     | 12  | 23   | 23     | 17     | 0.3       | 3.3     | 0.74  | 91.3      | 33.5928 | 21.731  |
| 2009 | 6     | 12  | 23   | 33     | 17     | 0.3       | 3.3     | 0.76  | 91.5      | 33.5584 | 22.3935 |
| 2009 | 6     | 12  | 23   | 43     | 17     | 0.3       | 3.3     | 0.77  | 92.2      | 33.5928 | 22.5146 |
| 2009 | 6     | 12  | 23   | 53     | 17     | 0.3       | 3.3     | 0.76  | 90        | 33.5928 | 22.319  |
| 2009 | 6     | 13  | 0    | 3      | 17     | 0.3       | 3.3     | 0.75  | 92.3      | 33.5928 | 21.927  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 13  | 0    | 13     | 17     | 0.3       | 3.3     | 0.78  | 91        | 33.5928 | 22.9057 |
| 2009 | 6     | 13  | 0    | 23     | 17     | 0.3       | 3.3     | 0.72  | 93.1      | 33.5928 | 21.1432 |
| 2009 | 6     | 13  | 0    | 33     | 17     | 0.3       | 3.3     | 0.74  | 95.1      | 33.5928 | 21.829  |
| 2009 | 6     | 13  | 0    | 43     | 17     | 0.3       | 3.3     | 0.73  | 90        | 33.5928 | 21.3391 |
| 2009 | 6     | 13  | 0    | 53     | 17     | 0.3       | 3.3     | 0.73  | 95.5      | 33.5584 | 21.219  |
| 2009 | 6     | 13  | 1    | 3      | 17     | 0.3       | 3.3     | 0.74  | 91.3      | 33.5928 | 21.927  |
| 2009 | 6     | 13  | 1    | 13     | 17     | 0.3       | 3.3     | 0.72  | 90        | 33.5928 | 21.1432 |
| 2009 | 6     | 13  | 1    | 23     | 17     | 0.3       | 3.3     | 0.74  | 91        | 33.5584 | 21.7084 |
| 2009 | 6     | 13  | 1    | 33     | 17     | 0.3       | 3.3     | 0.77  | 91.5      | 33.5928 | 22.7101 |
| 2009 | 6     | 13  | 1    | 43     | 17     | 0.3       | 3.3     | 0.76  | 92.2      | 33.5584 | 22.1978 |
| 2009 | 6     | 13  | 1    | 53     | 17     | 0.3       | 3.3     | 0.7   | 94.8      | 33.5584 | 20.5342 |
| 2009 | 6     | 13  | 2    | 3      | 17     | 0.3       | 3.3     | 0.69  | 93.8      | 33.5584 | 20.1431 |
| 2009 | 6     | 13  | 2    | 13     | 17     | 0.3       | 3.3     | 0.78  | 90        | 33.5584 | 23.0772 |
| 2009 | 6     | 13  | 2    | 23     | 17     | 0.3       | 3.3     | 0.71  | 92.1      | 33.5584 | 20.8277 |
| 2009 | 6     | 13  | 2    | 33     | 17     | 0.3       | 3.3     | 0.76  | 90        | 33.5584 | 22.3935 |
| 2009 | 6     | 13  | 2    | 43     | 17     | 0.3       | 3.3     | 0.73  | 92.1      | 33.5584 | 21.5126 |
| 2009 | 6     | 13  | 2    | 53     | 17     | 0.3       | 3.3     | 0.73  | 94.9      | 33.5584 | 21.4147 |
| 2009 | 6     | 13  | 3    | 3      | 17     | 0.3       | 3.3     | 0.73  | 92.3      | 33.5584 | 21.4147 |
| 2009 | 6     | 13  | 3    | 13     | 17     | 0.3       | 3.3     | 0.65  | 94.6      | 33.5584 | 19.0679 |
| 2009 | 6     | 13  | 3    | 23     | 17     | 0.3       | 3.3     | 0.71  | 93.7      | 33.5584 | 20.7299 |
| 2009 | 6     | 13  | 3    | 33     | 17     | 0.3       | 3.3     | 0.67  | 94.7      | 33.5584 | 19.752  |
| 2009 | 6     | 13  | 3    | 43     | 17     | 0.3       | 3.3     | 0.75  | 93.5      | 33.5584 | 21.9041 |
| 2009 | 6     | 13  | 3    | 53     | 17     | 0.3       | 3.3     | 0.71  | 94        | 33.5584 | 20.9255 |
| 2009 | 6     | 13  | 4    | 3      | 17     | 0.3       | 3.3     | 0.74  | 92.3      | 33.5584 | 21.7084 |
| 2009 | 6     | 13  | 4    | 13     | 17     | 0.3       | 3.3     | 0.66  | 90        | 33.524  | 19.2433 |
| 2009 | 6     | 13  | 4    | 23     | 17     | 0.3       | 3.3     | 0.7   | 95.1      | 33.5584 | 20.632  |
| 2009 | 6     | 13  | 4    | 33     | 17     | 0.3       | 3.3     | 0.7   | 94        | 33.524  | 20.6105 |
| 2009 | 6     | 13  | 4    | 43     | 17     | 0.3       | 3.3     | 0.72  | 92.1      | 33.524  | 21.0991 |
| 2009 | 6     | 13  | 4    | 53     | 17     | 0.3       | 3.3     | 0.68  | 91.7      | 33.5584 | 19.8498 |
| 2009 | 6     | 13  | 5    | 3      | 17     | 0.3       | 3.3     | 0.69  | 94.3      | 33.524  | 20.3174 |
| 2009 | 6     | 13  | 5    | 13     | 17     | 0.3       | 3.3     | 0.69  | 94.1      | 33.524  | 20.1221 |
| 2009 | 6     | 13  | 5    | 23     | 17     | 0.3       | 3.3     | 0.71  | 91.8      | 33.524  | 20.9037 |
| 2009 | 6     | 13  | 5    | 33     | 17     | 0.3       | 3.3     | 0.69  | 94.3      | 33.524  | 20.3174 |
| 2009 | 6     | 13  | 5    | 43     | 17     | 0.3       | 3.3     | 0.77  | 90.7      | 33.524  | 22.7605 |
| 2009 | 6     | 13  | 5    | 53     | 17     | 0.3       | 3.3     | 0.66  | 92.3      | 33.524  | 19.3409 |
| 2009 | 6     | 13  | 6    | 3      | 17     | 0.3       | 3.3     | 0.72  | 92.4      | 33.524  | 21.0014 |
| 2009 | 6     | 13  | 6    | 13     | 17     | 0.3       | 3.3     | 0.71  | 92.7      | 33.524  | 20.806  |
| 2009 | 6     | 13  | 6    | 23     | 17     | 0.3       | 3.3     | 0.67  | 92        | 33.524  | 19.7314 |
| 2009 | 6     | 13  | 6    | 33     | 17     | 0.3       | 3.3     | 0.72  | 92.1      | 33.524  | 21.0991 |
| 2009 | 6     | 13  | 6    | 43     | 17     | 0.3       | 3.3     | 0.71  | 92.4      | 33.524  | 20.9037 |
| 2009 | 6     | 13  | 6    | 53     | 17     | 0.3       | 3.3     | 0.69  | 96.6      | 33.524  | 20.0244 |
| 2009 | 6     | 13  | 7    | 3      | 17     | 0.3       | 3.3     | 0.73  | 93.4      | 33.524  | 21.2946 |
| 2009 | 6     | 13  | 7    | 13     | 17     | 0.3       | 3.3     | 0.72  | 94.9      | 33.524  | 21.1969 |
| 2009 | 6     | 13  | 7    | 23     | 17     | 0.3       | 3.3     | 0.69  | 95.2      | 33.524  | 20.2197 |
| 2009 | 6     | 13  | 7    | 33     | 17     | 0.3       | 3.3     | 0.76  | 90.7      | 33.524  | 22.4678 |
| 2009 | 6     | 13  | 7    | 43     | 17     | 0.3       | 3.3     | 0.64  | 91.8      | 33.524  | 18.6577 |
| 2009 | 6     | 13  | 7    | 53     | 17     | 0.3       | 3.3     | 0.76  | 92.5      | 33.524  | 22.1747 |
| 2009 | 6     | 13  | 8    | 3      | 17     | 0.3       | 3.3     | 0.67  | 95.6      | 33.524  | 19.6338 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 13  | 8    | 13     | 17     | 0.3       | 3.3     | 0.67  | 94.2      | 33.4897 | 19.7108 |
| 2009 | 6     | 13  | 8    | 23     | 17     | 0.3       | 3.3     | 0.73  | 91.3      | 33.4897 | 21.2724 |
| 2009 | 6     | 13  | 8    | 33     | 17     | 0.3       | 3.3     | 0.68  | 93        | 33.4897 | 20.0035 |
| 2009 | 6     | 13  | 8    | 43     | 17     | 0.3       | 3.3     | 0.73  | 89        | 33.4897 | 21.4677 |
| 2009 | 6     | 13  | 8    | 53     | 17     | 0.3       | 3.3     | 0.64  | 93.2      | 33.4897 | 18.6382 |
| 2009 | 6     | 13  | 9    | 3      | 17     | 0.3       | 3.3     | 0.7   | 94        | 33.4553 | 20.47   |
| 2009 | 6     | 13  | 9    | 13     | 17     | 0.3       | 3.3     | 0.67  | 93.7      | 33.4553 | 19.4953 |
| 2009 | 6     | 13  | 9    | 23     | 17     | 0.3       | 3.3     | 0.69  | 92.7      | 33.4553 | 20.08   |
| 2009 | 6     | 13  | 9    | 33     | 17     | 0.3       | 3.3     | 0.71  | 90        | 33.4209 | 20.6434 |
| 2009 | 6     | 13  | 9    | 43     | 17     | 0.3       | 3.3     | 0.69  | 92.2      | 33.4209 | 20.059  |
| 2009 | 6     | 13  | 9    | 53     | 17     | 0.3       | 3.3     | 0.74  | 92.3      | 33.4209 | 21.6178 |
| 2009 | 6     | 13  | 10   | 3      | 17     | 0.3       | 3.3     | 0.62  | 93        | 33.4209 | 18.113  |
| 2009 | 6     | 13  | 10   | 13     | 17     | 0.3       | 3.3     | 0.67  | 94.2      | 33.3865 | 19.649  |
| 2009 | 6     | 13  | 10   | 23     | 17     | 0.3       | 3.3     | 0.73  | 90.3      | 33.3865 | 21.2057 |
| 2009 | 6     | 13  | 10   | 33     | 17     | 0.3       | 3.3     | 0.7   | 92.7      | 33.3865 | 20.4271 |
| 2009 | 6     | 13  | 10   | 43     | 17     | 0.3       | 3.3     | 0.64  | 92.7      | 33.3865 | 18.5797 |
| 2009 | 6     | 13  | 10   | 53     | 17     | 0.3       | 3.3     | 0.63  | 97.5      | 33.3865 | 18.094  |
| 2009 | 6     | 13  | 11   | 3      | 17     | 0.3       | 3.3     | 0.65  | 96.1      | 33.3522 | 18.7544 |
| 2009 | 6     | 13  | 11   | 13     | 17     | 0.3       | 3.3     | 0.68  | 90.8      | 33.3522 | 19.9198 |
| 2009 | 6     | 13  | 11   | 23     | 17     | 0.3       | 3.3     | 0.65  | 92.6      | 33.3522 | 19.0457 |
| 2009 | 6     | 13  | 11   | 33     | 17     | 0.3       | 3.3     | 0.67  | 92.2      | 33.4209 | 19.6696 |
| 2009 | 6     | 13  | 11   | 43     | 17     | 0.3       | 3.3     | 0.69  | 93        | 33.3522 | 20.1142 |
| 2009 | 6     | 13  | 11   | 53     | 17     | 0.3       | 3.3     | 0.68  | 96.9      | 33.3865 | 19.7462 |
| 2009 | 6     | 13  | 12   | 3      | 17     | 0.3       | 3.3     | 0.67  | 90.8      | 33.4209 | 19.4749 |
| 2009 | 6     | 13  | 12   | 13     | 17     | 0.3       | 3.3     | 0.73  | 92.6      | 33.3522 | 21.1834 |
| 2009 | 6     | 13  | 12   | 23     | 17     | 0.3       | 3.3     | 0.65  | 92.6      | 33.3522 | 19.0457 |
| 2009 | 6     | 13  | 12   | 33     | 17     | 0.3       | 3.3     | 0.64  | 95.9      | 33.3522 | 18.6573 |
| 2009 | 6     | 13  | 12   | 43     | 17     | 0.3       | 3.3     | 0.63  | 94.5      | 33.3522 | 18.2691 |
| 2009 | 6     | 13  | 12   | 53     | 17     | 0.3       | 3.3     | 0.62  | 97        | 33.3522 | 17.978  |
| 2009 | 6     | 13  | 13   | 3      | 17     | 0.3       | 3.3     | 0.66  | 92.8      | 33.3522 | 19.2399 |
| 2009 | 6     | 13  | 13   | 13     | 17     | 0.3       | 3.3     | 0.7   | 92.7      | 33.3522 | 20.3085 |
| 2009 | 6     | 13  | 13   | 23     | 17     | 0.3       | 3.3     | 0.69  | 93.3      | 33.3522 | 20.017  |
| 2009 | 6     | 13  | 13   | 33     | 17     | 0.3       | 3.3     | 0.66  | 90.9      | 33.3865 | 19.1629 |
| 2009 | 6     | 13  | 13   | 43     | 17     | 0.3       | 3.3     | 0.64  | 91.2      | 33.3865 | 18.5797 |
| 2009 | 6     | 13  | 13   | 53     | 17     | 0.3       | 3.3     | 0.7   | 91.3      | 33.3522 | 20.4057 |
| 2009 | 6     | 13  | 14   | 3      | 17     | 0.3       | 3.3     | 0.67  | 93.9      | 33.3522 | 19.5312 |
| 2009 | 6     | 13  | 14   | 13     | 17     | 0.3       | 3.3     | 0.65  | 92        | 33.3522 | 19.0457 |
| 2009 | 6     | 13  | 14   | 23     | 17     | 0.3       | 3.3     | 0.69  | 90        | 33.3522 | 20.2113 |
| 2009 | 6     | 13  | 14   | 33     | 17     | 0.3       | 3.3     | 0.7   | 92.4      | 33.3865 | 20.4271 |
| 2009 | 6     | 13  | 14   | 43     | 17     | 0.3       | 3.3     | 0.65  | 96.9      | 33.3522 | 18.9486 |
| 2009 | 6     | 13  | 14   | 53     | 17     | 0.3       | 3.3     | 0.67  | 95.6      | 33.3522 | 19.5312 |
| 2009 | 6     | 13  | 15   | 3      | 17     | 0.3       | 3.3     | 0.68  | 92.8      | 33.3522 | 19.7255 |
| 2009 | 6     | 13  | 15   | 13     | 17     | 0.3       | 3.3     | 0.67  | 91.4      | 33.3865 | 19.4545 |
| 2009 | 6     | 13  | 15   | 23     | 17     | 0.3       | 3.3     | 0.65  | 93.8      | 33.3865 | 18.8713 |
| 2009 | 6     | 13  | 15   | 33     | 17     | 0.3       | 3.3     | 0.64  | 92.9      | 33.3865 | 18.7741 |
| 2009 | 6     | 13  | 15   | 43     | 17     | 0.3       | 3.3     | 0.69  | 92.4      | 33.3865 | 20.2325 |
| 2009 | 6     | 13  | 15   | 53     | 17     | 0.3       | 3.3     | 0.73  | 91.8      | 33.3865 | 21.4004 |
| 2009 | 6     | 13  | 16   | 3      | 17     | 0.3       | 3.3     | 0.75  | 90        | 33.3865 | 21.8873 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 13  | 16   | 13     | 17     | 0.3       | 3.3     | 0.74  | 91.5      | 33.3522 | 21.4752 |
| 2009 | 6     | 13  | 16   | 23     | 17     | 0.3       | 3.3     | 0.69  | 93.8      | 33.3522 | 20.2113 |
| 2009 | 6     | 13  | 16   | 33     | 17     | 0.3       | 3.3     | 0.64  | 97.3      | 33.3865 | 18.5797 |
| 2009 | 6     | 13  | 16   | 43     | 17     | 0.3       | 3.3     | 0.79  | 91.2      | 33.3865 | 23.0543 |
| 2009 | 6     | 13  | 16   | 53     | 17     | 0.3       | 3.3     | 0.73  | 91.3      | 33.3522 | 21.3779 |
| 2009 | 6     | 13  | 17   | 3      | 17     | 0.3       | 3.3     | 0.66  | 94        | 33.3522 | 19.2399 |
| 2009 | 6     | 13  | 17   | 13     | 17     | 0.3       | 3.3     | 0.66  | 95.1      | 33.3522 | 19.1428 |
| 2009 | 6     | 13  | 17   | 23     | 17     | 0.3       | 3.3     | 0.66  | 94.3      | 33.3178 | 19.1227 |
| 2009 | 6     | 13  | 17   | 33     | 17     | 0.3       | 3.3     | 0.71  | 91.9      | 33.3178 | 20.5785 |
| 2009 | 6     | 13  | 17   | 43     | 17     | 0.3       | 3.3     | 0.69  | 90.3      | 33.3178 | 20.093  |
| 2009 | 6     | 13  | 17   | 53     | 17     | 0.3       | 3.3     | 0.68  | 91.7      | 33.3178 | 19.8018 |
| 2009 | 6     | 13  | 18   | 3      | 17     | 0.3       | 3.3     | 0.66  | 92.6      | 33.3178 | 19.2197 |
| 2009 | 6     | 13  | 18   | 13     | 17     | 0.3       | 3.3     | 0.72  | 93.6      | 33.3178 | 21.0641 |
| 2009 | 6     | 13  | 18   | 23     | 17     | 0.3       | 3.3     | 0.68  | 95.8      | 33.3178 | 19.6078 |
| 2009 | 6     | 13  | 18   | 33     | 17     | 0.3       | 3.3     | 0.7   | 92.4      | 33.3178 | 20.3843 |
| 2009 | 6     | 13  | 18   | 43     | 17     | 0.3       | 3.3     | 0.65  | 98.7      | 33.3178 | 18.6377 |
| 2009 | 6     | 13  | 18   | 53     | 17     | 0.3       | 3.3     | 0.67  | 93.6      | 33.2834 | 19.5871 |
| 2009 | 6     | 13  | 19   | 3      | 17     | 0.3       | 3.3     | 0.73  | 93.1      | 33.2834 | 21.3331 |
| 2009 | 6     | 13  | 19   | 13     | 17     | 0.3       | 3.3     | 0.72  | 92.9      | 33.2834 | 20.9449 |
| 2009 | 6     | 13  | 19   | 23     | 17     | 0.3       | 3.3     | 0.73  | 91.8      | 33.2834 | 21.139  |
| 2009 | 6     | 13  | 19   | 33     | 17     | 0.3       | 3.3     | 0.71  | 95.3      | 33.2834 | 20.4598 |
| 2009 | 6     | 13  | 19   | 43     | 17     | 0.3       | 3.3     | 0.71  | 94.8      | 33.2834 | 20.5568 |
| 2009 | 6     | 13  | 19   | 53     | 17     | 0.3       | 3.3     | 0.73  | 91.5      | 33.3178 | 21.2584 |
| 2009 | 6     | 13  | 20   | 3      | 17     | 0.3       | 3.3     | 0.71  | 92.9      | 33.2834 | 20.5568 |
| 2009 | 6     | 13  | 20   | 13     | 17     | 0.3       | 3.3     | 0.7   | 93.5      | 33.3178 | 20.2872 |
| 2009 | 6     | 13  | 20   | 23     | 17     | 0.3       | 3.3     | 0.68  | 90.3      | 33.3178 | 19.8018 |
| 2009 | 6     | 13  | 20   | 33     | 17     | 0.3       | 3.3     | 0.65  | 93.2      | 33.2834 | 18.8119 |
| 2009 | 6     | 13  | 20   | 43     | 17     | 0.3       | 3.3     | 0.69  | 90.8      | 33.3178 | 19.996  |
| 2009 | 6     | 13  | 20   | 53     | 17     | 0.3       | 3.3     | 0.69  | 95.2      | 33.3178 | 19.8989 |
| 2009 | 6     | 13  | 21   | 3      | 17     | 0.3       | 3.3     | 0.7   | 88.9      | 33.3178 | 20.4814 |
| 2009 | 6     | 13  | 21   | 13     | 17     | 0.3       | 3.3     | 0.74  | 91.5      | 33.2834 | 21.5272 |
| 2009 | 6     | 13  | 21   | 23     | 17     | 0.3       | 3.3     | 0.66  | 95.7      | 33.2834 | 19.1026 |
| 2009 | 6     | 13  | 21   | 33     | 17     | 0.3       | 3.3     | 0.69  | 92.7      | 33.2834 | 20.1689 |
| 2009 | 6     | 13  | 21   | 43     | 17     | 0.3       | 3.3     | 0.72  | 90.5      | 33.3178 | 20.8698 |
| 2009 | 6     | 13  | 21   | 53     | 17     | 0.3       | 3.3     | 0.69  | 90.3      | 33.2834 | 19.9749 |
| 2009 | 6     | 13  | 22   | 3      | 17     | 0.3       | 3.3     | 0.71  | 92.1      | 33.2834 | 20.7509 |
| 2009 | 6     | 13  | 22   | 13     | 17     | 0.3       | 3.3     | 0.66  | 95.7      | 33.2834 | 19.1026 |
| 2009 | 6     | 13  | 22   | 23     | 17     | 0.3       | 3.3     | 0.67  | 93.4      | 33.2834 | 19.4902 |
| 2009 | 6     | 13  | 22   | 33     | 17     | 0.3       | 3.3     | 0.75  | 94.5      | 33.2834 | 21.7213 |
| 2009 | 6     | 13  | 22   | 43     | 17     | 0.3       | 3.3     | 0.72  | 90.8      | 33.2834 | 20.9449 |
| 2009 | 6     | 13  | 22   | 53     | 17     | 0.3       | 3.3     | 0.75  | 94.8      | 33.249  | 21.7954 |
| 2009 | 6     | 13  | 23   | 3      | 17     | 0.3       | 3.3     | 0.71  | 95.9      | 33.249  | 20.4383 |
| 2009 | 6     | 13  | 23   | 13     | 17     | 0.3       | 3.3     | 0.74  | 94.1      | 33.249  | 21.5045 |
| 2009 | 6     | 13  | 23   | 23     | 17     | 0.3       | 3.3     | 0.73  | 91.3      | 33.249  | 21.3106 |
| 2009 | 6     | 13  | 23   | 33     | 17     | 0.3       | 3.3     | 0.72  | 94.7      | 33.249  | 20.8259 |
| 2009 | 6     | 13  | 23   | 43     | 17     | 0.3       | 3.3     | 0.71  | 94.3      | 33.249  | 20.5352 |
| 2009 | 6     | 13  | 23   | 53     | 17     | 0.3       | 3.3     | 0.7   | 91.6      | 33.249  | 20.3414 |
| 2009 | 6     | 14  | 0    | 3      | 17     | 0.3       | 3.3     | 0.72  | 94.4      | 33.249  | 20.9229 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 14  | 0    | 13     | 17     | 0.3       | 3.3     | 0.74  | 93        | 33.249  | 21.6015 |
| 2009 | 6     | 14  | 0    | 23     | 17     | 0.3       | 3.3     | 0.68  | 95.3      | 33.249  | 19.6634 |
| 2009 | 6     | 14  | 0    | 33     | 17     | 0.3       | 3.3     | 0.73  | 95.7      | 33.249  | 21.2137 |
| 2009 | 6     | 14  | 0    | 43     | 17     | 0.3       | 3.3     | 0.73  | 94.9      | 33.249  | 21.1167 |
| 2009 | 6     | 14  | 0    | 53     | 17     | 0.3       | 3.3     | 0.72  | 91.6      | 33.249  | 21.0198 |
| 2009 | 6     | 14  | 1    | 3      | 17     | 0.3       | 3.3     | 0.75  | 93.7      | 33.249  | 21.8924 |
| 2009 | 6     | 14  | 1    | 13     | 17     | 0.3       | 3.3     | 0.66  | 97.1      | 33.2146 | 19.1591 |
| 2009 | 6     | 14  | 1    | 23     | 17     | 0.3       | 3.3     | 0.72  | 95.8      | 33.249  | 20.729  |
| 2009 | 6     | 14  | 1    | 33     | 17     | 0.3       | 3.3     | 0.75  | 94.7      | 33.2146 | 21.8694 |
| 2009 | 6     | 14  | 1    | 43     | 17     | 0.3       | 3.3     | 0.68  | 94.4      | 33.249  | 19.7602 |
| 2009 | 6     | 14  | 1    | 53     | 17     | 0.3       | 3.3     | 0.73  | 90.3      | 33.2146 | 21.2882 |
| 2009 | 6     | 14  | 2    | 3      | 17     | 0.3       | 3.3     | 0.73  | 92.3      | 33.2146 | 21.1913 |
| 2009 | 6     | 14  | 2    | 13     | 17     | 0.3       | 3.3     | 0.7   | 94.9      | 33.2146 | 20.2232 |
| 2009 | 6     | 14  | 2    | 23     | 17     | 0.3       | 3.3     | 0.74  | 96.4      | 33.2146 | 21.385  |
| 2009 | 6     | 14  | 2    | 33     | 17     | 0.3       | 3.3     | 0.7   | 95.4      | 33.2146 | 20.1264 |
| 2009 | 6     | 14  | 2    | 43     | 17     | 0.3       | 3.3     | 0.74  | 95.1      | 33.2146 | 21.5787 |
| 2009 | 6     | 14  | 2    | 53     | 17     | 0.3       | 3.3     | 0.7   | 93.7      | 33.2146 | 20.4168 |
| 2009 | 6     | 14  | 3    | 3      | 17     | 0.3       | 3.3     | 0.76  | 91.5      | 33.2146 | 22.0632 |
| 2009 | 6     | 14  | 3    | 13     | 17     | 0.3       | 3.3     | 0.72  | 93.4      | 33.2146 | 20.9976 |
| 2009 | 6     | 14  | 3    | 23     | 17     | 0.3       | 3.3     | 0.74  | 93.8      | 33.2146 | 21.385  |
| 2009 | 6     | 14  | 3    | 33     | 17     | 0.3       | 3.3     | 0.76  | 94        | 33.2146 | 22.0632 |
| 2009 | 6     | 14  | 3    | 43     | 17     | 0.3       | 3.3     | 0.76  | 92        | 33.2146 | 22.0632 |
| 2009 | 6     | 14  | 3    | 53     | 17     | 0.3       | 3.3     | 0.71  | 95.6      | 33.2146 | 20.6104 |
| 2009 | 6     | 14  | 4    | 3      | 17     | 0.3       | 3.3     | 0.69  | 94.1      | 33.2146 | 20.1264 |
| 2009 | 6     | 14  | 4    | 13     | 17     | 0.3       | 3.3     | 0.71  | 96.4      | 33.2146 | 20.4168 |
| 2009 | 6     | 14  | 4    | 23     | 17     | 0.3       | 3.3     | 0.72  | 93.7      | 33.2146 | 20.9008 |
| 2009 | 6     | 14  | 4    | 33     | 17     | 0.3       | 3.3     | 0.74  | 93.1      | 33.2146 | 21.4819 |
| 2009 | 6     | 14  | 4    | 43     | 17     | 0.3       | 3.3     | 0.75  | 90        | 33.2146 | 21.9663 |
| 2009 | 6     | 14  | 4    | 53     | 17     | 0.3       | 3.3     | 0.72  | 94.9      | 33.2146 | 20.9976 |
| 2009 | 6     | 14  | 5    | 3      | 17     | 0.3       | 3.3     | 0.68  | 95.8      | 33.2146 | 19.6427 |
| 2009 | 6     | 14  | 5    | 13     | 17     | 0.3       | 3.3     | 0.72  | 90.5      | 33.2146 | 20.9008 |
| 2009 | 6     | 14  | 5    | 23     | 17     | 0.3       | 3.3     | 0.71  | 93.4      | 33.2146 | 20.6104 |
| 2009 | 6     | 14  | 5    | 33     | 17     | 0.3       | 3.3     | 0.74  | 94        | 33.2146 | 21.5787 |
| 2009 | 6     | 14  | 5    | 43     | 17     | 0.3       | 3.3     | 0.74  | 90.5      | 33.2146 | 21.4819 |
| 2009 | 6     | 14  | 5    | 53     | 17     | 0.3       | 3.3     | 0.73  | 92.1      | 33.2146 | 21.0945 |
| 2009 | 6     | 14  | 6    | 3      | 17     | 0.3       | 3.3     | 0.7   | 91.9      | 33.2146 | 20.4168 |
| 2009 | 6     | 14  | 6    | 13     | 17     | 0.3       | 3.3     | 0.71  | 88.2      | 33.2146 | 20.7072 |
| 2009 | 6     | 14  | 6    | 23     | 17     | 0.3       | 3.3     | 0.75  | 92.3      | 33.2146 | 21.6756 |
| 2009 | 6     | 14  | 6    | 33     | 17     | 0.3       | 3.3     | 0.67  | 92.8      | 33.2146 | 19.3525 |
| 2009 | 6     | 14  | 6    | 43     | 17     | 0.3       | 3.3     | 0.75  | 93        | 33.2146 | 21.8694 |
| 2009 | 6     | 14  | 6    | 53     | 17     | 0.3       | 3.3     | 0.68  | 92.5      | 33.2146 | 19.8362 |
| 2009 | 6     | 14  | 7    | 3      | 17     | 0.3       | 3.3     | 0.65  | 94        | 33.2146 | 18.9657 |
| 2009 | 6     | 14  | 7    | 13     | 17     | 0.3       | 3.3     | 0.72  | 93.7      | 33.2146 | 20.804  |
| 2009 | 6     | 14  | 7    | 23     | 17     | 0.3       | 3.3     | 0.68  | 93.9      | 33.1802 | 19.8152 |
| 2009 | 6     | 14  | 7    | 33     | 17     | 0.3       | 3.3     | 0.68  | 94.4      | 33.2146 | 19.8362 |
| 2009 | 6     | 14  | 7    | 43     | 17     | 0.3       | 3.3     | 0.7   | 94.8      | 33.1802 | 20.3953 |
| 2009 | 6     | 14  | 7    | 53     | 17     | 0.3       | 3.3     | 0.7   | 92.7      | 33.1802 | 20.3953 |
| 2009 | 6     | 14  | 8    | 3      | 17     | 0.3       | 3.3     | 0.72  | 95.2      | 33.1802 | 20.7821 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 14  | 8    | 13     | 17     | 0.3       | 3.3     | 0.73  | 91        | 33.1802 | 21.2657 |
| 2009 | 6     | 14  | 8    | 23     | 17     | 0.3       | 3.3     | 0.71  | 92.7      | 33.2146 | 20.6104 |
| 2009 | 6     | 14  | 8    | 33     | 17     | 0.3       | 3.3     | 0.74  | 92.8      | 33.2146 | 21.385  |
| 2009 | 6     | 14  | 8    | 43     | 17     | 0.3       | 3.3     | 0.7   | 93.8      | 33.1802 | 20.2019 |
| 2009 | 6     | 14  | 8    | 53     | 17     | 0.3       | 3.3     | 0.7   | 95.4      | 33.2146 | 20.1264 |
| 2009 | 6     | 14  | 9    | 3      | 17     | 0.3       | 3.3     | 0.71  | 95.3      | 33.1802 | 20.4919 |
| 2009 | 6     | 14  | 9    | 13     | 17     | 0.3       | 3.3     | 0.66  | 94.3      | 33.1802 | 19.1389 |
| 2009 | 6     | 14  | 9    | 23     | 17     | 0.3       | 3.3     | 0.69  | 89.7      | 33.1802 | 20.1052 |
| 2009 | 6     | 14  | 9    | 33     | 17     | 0.3       | 3.3     | 0.67  | 94.2      | 33.1802 | 19.3321 |
| 2009 | 6     | 14  | 9    | 43     | 17     | 0.3       | 3.3     | 0.66  | 92.8      | 33.1802 | 19.2355 |
| 2009 | 6     | 14  | 9    | 53     | 17     | 0.3       | 3.3     | 0.68  | 93.6      | 33.2146 | 19.8362 |
| 2009 | 6     | 14  | 10   | 3      | 17     | 0.3       | 3.3     | 0.65  | 94.4      | 33.2146 | 18.7723 |
| 2009 | 6     | 14  | 10   | 13     | 17     | 0.3       | 3.3     | 0.72  | 90        | 33.2146 | 20.9008 |
| 2009 | 6     | 14  | 10   | 23     | 17     | 0.3       | 3.3     | 0.63  | 93        | 33.1802 | 18.2697 |
| 2009 | 6     | 14  | 10   | 33     | 17     | 0.3       | 3.3     | 0.74  | 92.8      | 33.2146 | 21.5787 |
| 2009 | 6     | 14  | 10   | 43     | 17     | 0.3       | 3.3     | 0.72  | 91.3      | 33.1802 | 20.9755 |
| 2009 | 6     | 14  | 10   | 53     | 17     | 0.3       | 3.3     | 0.71  | 92.9      | 33.2146 | 20.5136 |
| 2009 | 6     | 14  | 11   | 3      | 17     | 0.3       | 3.3     | 0.68  | 93        | 33.1802 | 19.8152 |
| 2009 | 6     | 14  | 11   | 13     | 17     | 0.3       | 3.3     | 0.72  | 92.1      | 33.1802 | 20.7821 |
| 2009 | 6     | 14  | 11   | 23     | 17     | 0.3       | 3.3     | 0.67  | 90.8      | 33.1802 | 19.3321 |
| 2009 | 6     | 14  | 11   | 33     | 17     | 0.3       | 3.3     | 0.69  | 90.3      | 33.2146 | 20.0297 |
| 2009 | 6     | 14  | 11   | 43     | 17     | 0.3       | 3.3     | 0.65  | 91.2      | 33.2146 | 18.7723 |
| 2009 | 6     | 14  | 11   | 53     | 17     | 0.3       | 3.3     | 0.66  | 92        | 33.1802 | 19.2355 |
| 2009 | 6     | 14  | 12   | 3      | 17     | 0.3       | 3.3     | 0.68  | 92.5      | 33.1802 | 19.7186 |
| 2009 | 6     | 14  | 12   | 13     | 17     | 0.3       | 3.3     | 0.65  | 96.6      | 33.1802 | 18.8491 |
| 2009 | 6     | 14  | 12   | 23     | 17     | 0.3       | 3.3     | 0.7   | 91.6      | 33.1802 | 20.2986 |
| 2009 | 6     | 14  | 12   | 33     | 17     | 0.3       | 3.3     | 0.65  | 92.6      | 33.1802 | 18.9457 |
| 2009 | 6     | 14  | 12   | 43     | 17     | 0.3       | 3.3     | 0.67  | 95.4      | 33.1458 | 19.2151 |
| 2009 | 6     | 14  | 12   | 53     | 17     | 0.3       | 3.3     | 0.71  | 95        | 33.1458 | 20.5669 |
| 2009 | 6     | 14  | 13   | 3      | 17     | 0.3       | 3.3     | 0.61  | 96.7      | 33.1458 | 17.6719 |
| 2009 | 6     | 14  | 13   | 13     | 17     | 0.3       | 3.3     | 0.66  | 94.2      | 33.1458 | 19.2151 |
| 2009 | 6     | 14  | 13   | 23     | 17     | 0.3       | 3.3     | 0.61  | 96.5      | 33.1458 | 17.5755 |
| 2009 | 6     | 14  | 13   | 33     | 17     | 0.3       | 3.3     | 0.65  | 93.8      | 33.1458 | 18.7327 |
| 2009 | 6     | 14  | 13   | 43     | 17     | 0.3       | 3.3     | 0.66  | 93.7      | 33.1114 | 19.002  |
| 2009 | 6     | 14  | 13   | 53     | 17     | 0.3       | 3.3     | 0.59  | 94.2      | 33.1114 | 16.8832 |
| 2009 | 6     | 14  | 14   | 3      | 17     | 0.3       | 3.3     | 0.68  | 91.4      | 33.1114 | 19.5805 |
| 2009 | 6     | 14  | 14   | 13     | 17     | 0.3       | 3.3     | 0.65  | 91.7      | 33.077  | 18.6931 |
| 2009 | 6     | 14  | 14   | 23     | 17     | 0.3       | 3.3     | 0.66  | 91.4      | 33.077  | 18.9819 |
| 2009 | 6     | 14  | 14   | 33     | 17     | 0.3       | 3.3     | 0.59  | 94.2      | 33.1114 | 16.8832 |
| 2009 | 6     | 14  | 14   | 43     | 17     | 0.3       | 3.3     | 0.64  | 94.7      | 33.077  | 18.3081 |
| 2009 | 6     | 14  | 14   | 53     | 17     | 0.3       | 3.3     | 0.59  | 92.5      | 33.1114 | 17.0756 |
| 2009 | 6     | 14  | 15   | 3      | 17     | 0.3       | 3.3     | 0.66  | 93.7      | 33.077  | 19.1745 |
| 2009 | 6     | 14  | 15   | 13     | 17     | 0.3       | 3.3     | 0.65  | 92.9      | 33.077  | 18.8857 |
| 2009 | 6     | 14  | 15   | 23     | 17     | 0.3       | 3.3     | 0.71  | 90.8      | 33.1114 | 20.6417 |
| 2009 | 6     | 14  | 15   | 33     | 17     | 0.3       | 3.3     | 0.71  | 90.3      | 33.077  | 20.5234 |
| 2009 | 6     | 14  | 15   | 43     | 17     | 0.3       | 3.3     | 0.64  | 95        | 33.077  | 18.4043 |
| 2009 | 6     | 14  | 15   | 53     | 17     | 0.3       | 3.3     | 0.7   | 95.1      | 33.077  | 20.2343 |
| 2009 | 6     | 14  | 16   | 3      | 17     | 0.3       | 3.3     | 0.67  | 92        | 33.077  | 19.4635 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 14  | 16   | 13     | 17     | 0.3       | 3.3     | 0.73  | 89.7      | 33.077  | 21.0055 |
| 2009 | 6     | 14  | 16   | 23     | 17     | 0.3       | 3.3     | 0.68  | 94.4      | 33.0426 | 19.6353 |
| 2009 | 6     | 14  | 16   | 33     | 17     | 0.3       | 3.3     | 0.64  | 97.7      | 33.077  | 18.2118 |
| 2009 | 6     | 14  | 16   | 43     | 17     | 0.3       | 3.3     | 0.68  | 95.6      | 33.077  | 19.4635 |
| 2009 | 6     | 14  | 16   | 53     | 17     | 0.3       | 3.3     | 0.69  | 93.6      | 33.0426 | 19.8278 |
| 2009 | 6     | 14  | 17   | 3      | 17     | 0.3       | 3.3     | 0.69  | 96.9      | 33.0426 | 19.7316 |
| 2009 | 6     | 14  | 17   | 13     | 17     | 0.3       | 3.3     | 0.66  | 94.9      | 33.077  | 18.9819 |
| 2009 | 6     | 14  | 17   | 23     | 17     | 0.3       | 3.3     | 0.61  | 92.5      | 33.077  | 17.5384 |
| 2009 | 6     | 14  | 17   | 33     | 17     | 0.3       | 3.3     | 0.7   | 93.5      | 33.0426 | 20.3091 |
| 2009 | 6     | 14  | 17   | 43     | 17     | 0.3       | 3.3     | 0.68  | 94.7      | 33.077  | 19.5598 |
| 2009 | 6     | 14  | 17   | 53     | 17     | 0.3       | 3.3     | 0.66  | 94.6      | 33.077  | 19.0782 |
| 2009 | 6     | 14  | 18   | 3      | 17     | 0.3       | 3.3     | 0.7   | 91.6      | 33.0426 | 20.3091 |
| 2009 | 6     | 14  | 18   | 13     | 17     | 0.3       | 3.3     | 0.72  | 89        | 33.077  | 20.9091 |
| 2009 | 6     | 14  | 18   | 23     | 17     | 0.3       | 3.3     | 0.67  | 93.9      | 33.077  | 19.4635 |
| 2009 | 6     | 14  | 18   | 33     | 17     | 0.3       | 3.3     | 0.65  | 92.9      | 33.0426 | 18.7695 |
| 2009 | 6     | 14  | 18   | 43     | 17     | 0.3       | 3.3     | 0.7   | 90.3      | 33.077  | 20.1379 |
| 2009 | 6     | 14  | 18   | 53     | 17     | 0.3       | 3.3     | 0.63  | 93        | 33.0426 | 18.2887 |
| 2009 | 6     | 14  | 19   | 3      | 17     | 0.3       | 3.3     | 0.7   | 92.4      | 33.0426 | 20.2129 |
| 2009 | 6     | 14  | 19   | 13     | 17     | 0.3       | 3.3     | 0.73  | 90.3      | 33.0426 | 21.0796 |
| 2009 | 6     | 14  | 19   | 23     | 17     | 0.3       | 3.3     | 0.68  | 93.3      | 33.0426 | 19.7316 |
| 2009 | 6     | 14  | 19   | 33     | 17     | 0.3       | 3.3     | 0.71  | 94        | 33.0426 | 20.4054 |
| 2009 | 6     | 14  | 19   | 43     | 17     | 0.3       | 3.3     | 0.7   | 92.7      | 33.077  | 20.2343 |
| 2009 | 6     | 14  | 19   | 53     | 17     | 0.3       | 3.3     | 0.63  | 92.7      | 33.077  | 18.3081 |
| 2009 | 6     | 14  | 20   | 3      | 17     | 0.3       | 3.3     | 0.67  | 94.8      | 33.077  | 19.2708 |
| 2009 | 6     | 14  | 20   | 13     | 17     | 0.3       | 3.3     | 0.71  | 92.7      | 33.0426 | 20.5017 |
| 2009 | 6     | 14  | 20   | 23     | 17     | 0.3       | 3.3     | 0.68  | 93.9      | 33.077  | 19.7525 |
| 2009 | 6     | 14  | 20   | 33     | 17     | 0.3       | 3.3     | 0.77  | 93.4      | 33.077  | 22.1631 |
| 2009 | 6     | 14  | 20   | 43     | 17     | 0.3       | 3.3     | 0.76  | 90        | 33.077  | 22.0666 |
| 2009 | 6     | 14  | 20   | 53     | 17     | 0.3       | 3.3     | 0.72  | 92.1      | 33.077  | 20.9091 |
| 2009 | 6     | 14  | 21   | 3      | 17     | 0.3       | 3.3     | 0.7   | 93.5      | 33.077  | 20.1379 |
| 2009 | 6     | 14  | 21   | 13     | 17     | 0.3       | 3.3     | 0.76  | 94.5      | 33.077  | 21.8736 |
| 2009 | 6     | 14  | 21   | 23     | 17     | 0.3       | 3.3     | 0.71  | 92.4      | 33.077  | 20.5234 |
| 2009 | 6     | 14  | 21   | 33     | 17     | 0.3       | 3.3     | 0.72  | 90.5      | 33.077  | 20.7162 |
| 2009 | 6     | 14  | 21   | 43     | 17     | 0.3       | 3.3     | 0.72  | 91        | 33.077  | 20.9091 |
| 2009 | 6     | 14  | 21   | 53     | 17     | 0.3       | 3.3     | 0.7   | 90        | 33.077  | 20.2343 |
| 2009 | 6     | 14  | 22   | 3      | 17     | 0.3       | 3.3     | 0.72  | 92.1      | 33.077  | 20.8127 |
| 2009 | 6     | 14  | 22   | 13     | 17     | 0.3       | 3.3     | 0.69  | 92.7      | 33.077  | 19.9452 |
| 2009 | 6     | 14  | 22   | 23     | 17     | 0.3       | 3.3     | 0.72  | 91.6      | 33.077  | 20.9091 |
| 2009 | 6     | 14  | 22   | 33     | 17     | 0.3       | 3.3     | 0.72  | 93.1      | 33.077  | 20.8127 |
| 2009 | 6     | 14  | 22   | 43     | 17     | 0.3       | 3.3     | 0.77  | 90        | 33.077  | 22.4521 |
| 2009 | 6     | 14  | 22   | 53     | 17     | 0.3       | 3.3     | 0.78  | 92.4      | 33.077  | 22.5484 |
| 2009 | 6     | 14  | 23   | 3      | 17     | 0.3       | 3.3     | 0.73  | 90.5      | 33.077  | 21.0055 |
| 2009 | 6     | 14  | 23   | 13     | 17     | 0.3       | 3.3     | 0.72  | 94.7      | 33.077  | 20.8127 |
| 2009 | 6     | 14  | 23   | 23     | 17     | 0.3       | 3.3     | 0.76  | 93.7      | 33.077  | 22.0666 |
| 2009 | 6     | 14  | 23   | 33     | 17     | 0.3       | 3.3     | 0.68  | 92.5      | 33.1114 | 19.7734 |
| 2009 | 6     | 14  | 23   | 43     | 17     | 0.3       | 3.3     | 0.71  | 90        | 33.077  | 20.5234 |
| 2009 | 6     | 14  | 23   | 53     | 17     | 0.3       | 3.3     | 0.71  | 95.8      | 33.077  | 20.5234 |
| 2009 | 6     | 15  | 0    | 3      | 17     | 0.3       | 3.3     | 0.75  | 92        | 33.1114 | 21.8002 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 15  | 0    | 13     | 17     | 0.3       | 3.3     | 0.73  | 90        | 33.1114 | 21.0277 |
| 2009 | 6     | 15  | 0    | 23     | 17     | 0.3       | 3.3     | 0.73  | 91.3      | 33.1114 | 21.1243 |
| 2009 | 6     | 15  | 0    | 33     | 17     | 0.3       | 3.3     | 0.7   | 92.2      | 33.1114 | 20.1592 |
| 2009 | 6     | 15  | 0    | 43     | 17     | 0.3       | 3.3     | 0.66  | 92.6      | 33.1114 | 19.002  |
| 2009 | 6     | 15  | 0    | 53     | 17     | 0.3       | 3.3     | 0.75  | 92.8      | 33.1458 | 21.7266 |
| 2009 | 6     | 15  | 1    | 3      | 17     | 0.3       | 3.3     | 0.66  | 95.1      | 33.1458 | 19.0221 |
| 2009 | 6     | 15  | 1    | 13     | 17     | 0.3       | 3.3     | 0.67  | 94.5      | 33.1114 | 19.4841 |
| 2009 | 6     | 15  | 1    | 23     | 17     | 0.3       | 3.3     | 0.72  | 91.1      | 33.1114 | 20.7382 |
| 2009 | 6     | 15  | 1    | 33     | 17     | 0.3       | 3.3     | 0.71  | 92.4      | 33.1458 | 20.5669 |
| 2009 | 6     | 15  | 1    | 43     | 17     | 0.3       | 3.3     | 0.73  | 91.3      | 33.1458 | 21.1466 |
| 2009 | 6     | 15  | 1    | 53     | 17     | 0.3       | 3.3     | 0.71  | 92.7      | 33.1458 | 20.4703 |
| 2009 | 6     | 15  | 2    | 3      | 17     | 0.3       | 3.3     | 0.7   | 93        | 33.1802 | 20.2019 |
| 2009 | 6     | 15  | 2    | 13     | 17     | 0.3       | 3.3     | 0.7   | 93.2      | 33.1458 | 20.3737 |
| 2009 | 6     | 15  | 2    | 23     | 17     | 0.3       | 3.3     | 0.69  | 91.4      | 33.1802 | 20.1052 |
| 2009 | 6     | 15  | 2    | 33     | 17     | 0.3       | 3.3     | 0.72  | 92.4      | 33.1802 | 20.8788 |
| 2009 | 6     | 15  | 2    | 43     | 17     | 0.3       | 3.3     | 0.73  | 90        | 33.1802 | 21.3625 |
| 2009 | 6     | 15  | 2    | 53     | 17     | 0.3       | 3.3     | 0.69  | 91.4      | 33.2146 | 20.0297 |
| 2009 | 6     | 15  | 3    | 3      | 17     | 0.3       | 3.3     | 0.74  | 93.1      | 33.1802 | 21.3625 |
| 2009 | 6     | 15  | 3    | 13     | 17     | 0.3       | 3.3     | 0.75  | 93.5      | 33.1802 | 21.8463 |
| 2009 | 6     | 15  | 3    | 23     | 17     | 0.3       | 3.3     | 0.72  | 93.4      | 33.1802 | 20.7821 |
| 2009 | 6     | 15  | 3    | 33     | 17     | 0.3       | 3.3     | 0.71  | 92.6      | 33.2146 | 20.7072 |
| 2009 | 6     | 15  | 3    | 43     | 17     | 0.3       | 3.3     | 0.68  | 94.2      | 33.1802 | 19.622  |
| 2009 | 6     | 15  | 3    | 53     | 17     | 0.3       | 3.3     | 0.79  | 92.1      | 33.2146 | 23.127  |
| 2009 | 6     | 15  | 4    | 3      | 17     | 0.3       | 3.3     | 0.7   | 91.6      | 33.2146 | 20.32   |
| 2009 | 6     | 15  | 4    | 13     | 17     | 0.3       | 3.3     | 0.67  | 94.2      | 33.1802 | 19.5253 |
| 2009 | 6     | 15  | 4    | 23     | 17     | 0.3       | 3.3     | 0.77  | 92.4      | 33.2146 | 22.3537 |
| 2009 | 6     | 15  | 4    | 33     | 17     | 0.3       | 3.3     | 0.72  | 95.7      | 33.2146 | 20.9008 |
| 2009 | 6     | 15  | 4    | 43     | 17     | 0.3       | 3.3     | 0.73  | 90.8      | 33.2146 | 21.0945 |
| 2009 | 6     | 15  | 4    | 53     | 17     | 0.3       | 3.3     | 0.71  | 89.5      | 33.2146 | 20.6104 |
| 2009 | 6     | 15  | 5    | 3      | 17     | 0.3       | 3.3     | 0.72  | 91        | 33.2146 | 20.9008 |
| 2009 | 6     | 15  | 5    | 13     | 17     | 0.3       | 3.3     | 0.75  | 93        | 33.2146 | 21.8694 |
| 2009 | 6     | 15  | 5    | 23     | 17     | 0.3       | 3.3     | 0.73  | 91.8      | 33.2146 | 21.1913 |
| 2009 | 6     | 15  | 5    | 33     | 17     | 0.3       | 3.3     | 0.68  | 95.3      | 33.2146 | 19.5459 |
| 2009 | 6     | 15  | 5    | 43     | 17     | 0.3       | 3.3     | 0.75  | 93.8      | 33.2146 | 21.7725 |
| 2009 | 6     | 15  | 5    | 53     | 17     | 0.3       | 3.3     | 0.71  | 91.3      | 33.2146 | 20.5136 |
| 2009 | 6     | 15  | 6    | 3      | 17     | 0.3       | 3.3     | 0.68  | 91.4      | 33.2146 | 19.6427 |
| 2009 | 6     | 15  | 6    | 13     | 17     | 0.3       | 3.3     | 0.68  | 90.3      | 33.2146 | 19.8362 |
| 2009 | 6     | 15  | 6    | 23     | 17     | 0.3       | 3.3     | 0.71  | 90.3      | 33.2146 | 20.5136 |
| 2009 | 6     | 15  | 6    | 33     | 17     | 0.3       | 3.3     | 0.64  | 93.5      | 33.249  | 18.5018 |
| 2009 | 6     | 15  | 6    | 43     | 17     | 0.3       | 3.3     | 0.69  | 91.1      | 33.2146 | 19.9329 |
| 2009 | 6     | 15  | 6    | 53     | 17     | 0.3       | 3.3     | 0.71  | 93.4      | 33.2146 | 20.6104 |
| 2009 | 6     | 15  | 7    | 3      | 17     | 0.3       | 3.3     | 0.76  | 93.7      | 33.2146 | 21.9663 |
| 2009 | 6     | 15  | 7    | 13     | 17     | 0.3       | 3.3     | 0.69  | 92.7      | 33.2146 | 19.9329 |
| 2009 | 6     | 15  | 7    | 23     | 17     | 0.3       | 3.3     | 0.71  | 92.4      | 33.249  | 20.729  |
| 2009 | 6     | 15  | 7    | 33     | 17     | 0.3       | 3.3     | 0.73  | 89.5      | 33.2146 | 21.385  |
| 2009 | 6     | 15  | 7    | 43     | 17     | 0.3       | 3.3     | 0.66  | 98.3      | 33.2146 | 18.9657 |
| 2009 | 6     | 15  | 7    | 53     | 17     | 0.3       | 3.3     | 0.66  | 93.4      | 33.2146 | 19.0624 |
| 2009 | 6     | 15  | 8    | 3      | 17     | 0.3       | 3.3     | 0.69  | 94.1      | 33.2146 | 20.1264 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 15  | 8    | 13     | 17     | 0.3       | 3.3     | 0.67  | 92        | 33.2146 | 19.4492 |
| 2009 | 6     | 15  | 8    | 23     | 17     | 0.3       | 3.3     | 0.69  | 95.5      | 33.2146 | 19.8362 |
| 2009 | 6     | 15  | 8    | 33     | 17     | 0.3       | 3.3     | 0.66  | 94.6      | 33.2146 | 19.1591 |
| 2009 | 6     | 15  | 8    | 43     | 17     | 0.3       | 3.3     | 0.69  | 91.9      | 33.249  | 20.0508 |
| 2009 | 6     | 15  | 8    | 53     | 17     | 0.3       | 3.3     | 0.68  | 92.8      | 33.249  | 19.6634 |
| 2009 | 6     | 15  | 9    | 3      | 17     | 0.3       | 3.3     | 0.68  | 94.1      | 33.249  | 19.8571 |
| 2009 | 6     | 15  | 9    | 13     | 17     | 0.3       | 3.3     | 0.71  | 93.7      | 33.249  | 20.5352 |
| 2009 | 6     | 15  | 9    | 23     | 17     | 0.3       | 3.3     | 0.65  | 94.9      | 33.249  | 18.7921 |
| 2009 | 6     | 15  | 9    | 33     | 17     | 0.3       | 3.3     | 0.68  | 92.2      | 33.249  | 19.6634 |
| 2009 | 6     | 15  | 9    | 43     | 17     | 0.3       | 3.3     | 0.66  | 92.8      | 33.249  | 19.1793 |
| 2009 | 6     | 15  | 9    | 53     | 17     | 0.3       | 3.3     | 0.68  | 94.1      | 33.249  | 19.8571 |
| 2009 | 6     | 15  | 10   | 3      | 17     | 0.3       | 3.3     | 0.69  | 93        | 33.249  | 20.0508 |
| 2009 | 6     | 15  | 10   | 13     | 17     | 0.3       | 3.3     | 0.64  | 93.5      | 33.249  | 18.5018 |
| 2009 | 6     | 15  | 10   | 23     | 17     | 0.3       | 3.3     | 0.66  | 91.7      | 33.249  | 19.1793 |
| 2009 | 6     | 15  | 10   | 33     | 17     | 0.3       | 3.3     | 0.66  | 95.1      | 33.249  | 19.1793 |
| 2009 | 6     | 15  | 10   | 43     | 17     | 0.3       | 3.3     | 0.69  | 91.6      | 33.249  | 20.1477 |
| 2009 | 6     | 15  | 10   | 53     | 17     | 0.3       | 3.3     | 0.71  | 92.7      | 33.249  | 20.5352 |
| 2009 | 6     | 15  | 11   | 3      | 17     | 0.3       | 3.3     | 0.7   | 92.7      | 33.249  | 20.2445 |
| 2009 | 6     | 15  | 11   | 13     | 17     | 0.3       | 3.3     | 0.61  | 91.2      | 33.249  | 17.8247 |
| 2009 | 6     | 15  | 11   | 23     | 17     | 0.3       | 3.3     | 0.63  | 94.8      | 33.249  | 18.2115 |
| 2009 | 6     | 15  | 11   | 33     | 17     | 0.3       | 3.3     | 0.68  | 92.8      | 33.249  | 19.7602 |
| 2009 | 6     | 15  | 11   | 43     | 17     | 0.3       | 3.3     | 0.72  | 92.9      | 33.249  | 21.0198 |
| 2009 | 6     | 15  | 11   | 53     | 17     | 0.3       | 3.3     | 0.61  | 93.4      | 33.249  | 17.8247 |
| 2009 | 6     | 15  | 12   | 3      | 17     | 0.3       | 3.3     | 0.65  | 91.7      | 33.249  | 18.8889 |
| 2009 | 6     | 15  | 12   | 13     | 17     | 0.3       | 3.3     | 0.61  | 93.7      | 33.249  | 17.8247 |
| 2009 | 6     | 15  | 12   | 23     | 17     | 0.3       | 3.3     | 0.64  | 94.4      | 33.249  | 18.5985 |
| 2009 | 6     | 15  | 12   | 33     | 17     | 0.3       | 3.3     | 0.61  | 96.2      | 33.249  | 17.5346 |
| 2009 | 6     | 15  | 12   | 43     | 17     | 0.3       | 3.3     | 0.66  | 94.2      | 33.249  | 19.2761 |
| 2009 | 6     | 15  | 12   | 53     | 17     | 0.3       | 3.3     | 0.63  | 94.2      | 33.249  | 18.2115 |
| 2009 | 6     | 15  | 13   | 3      | 17     | 0.3       | 3.3     | 0.59  | 94.2      | 33.249  | 16.9546 |
| 2009 | 6     | 15  | 13   | 13     | 17     | 0.3       | 3.3     | 0.66  | 93.7      | 33.2146 | 19.0624 |
| 2009 | 6     | 15  | 13   | 23     | 17     | 0.3       | 3.3     | 0.64  | 92.6      | 33.249  | 18.5985 |
| 2009 | 6     | 15  | 13   | 33     | 17     | 0.3       | 3.3     | 0.61  | 92.8      | 33.249  | 17.728  |
| 2009 | 6     | 15  | 13   | 43     | 17     | 0.3       | 3.3     | 0.72  | 91.3      | 33.249  | 20.8259 |
| 2009 | 6     | 15  | 13   | 53     | 17     | 0.3       | 3.3     | 0.73  | 91.8      | 33.249  | 21.3106 |
| 2009 | 6     | 15  | 14   | 3      | 17     | 0.3       | 3.3     | 0.68  | 90.6      | 33.249  | 19.8571 |
| 2009 | 6     | 15  | 14   | 13     | 17     | 0.3       | 3.3     | 0.69  | 90.8      | 33.249  | 20.0508 |
| 2009 | 6     | 15  | 14   | 23     | 17     | 0.3       | 3.3     | 0.64  | 94.7      | 33.249  | 18.405  |
| 2009 | 6     | 15  | 14   | 33     | 17     | 0.3       | 3.3     | 0.67  | 94.2      | 33.249  | 19.4697 |
| 2009 | 6     | 15  | 14   | 43     | 17     | 0.3       | 3.3     | 0.62  | 93        | 33.249  | 18.0181 |
| 2009 | 6     | 15  | 14   | 53     | 17     | 0.3       | 3.3     | 0.65  | 91.2      | 33.249  | 18.9857 |
| 2009 | 6     | 15  | 15   | 3      | 17     | 0.3       | 3.3     | 0.63  | 90.3      | 33.249  | 18.3083 |
| 2009 | 6     | 15  | 15   | 13     | 17     | 0.3       | 3.3     | 0.67  | 92.5      | 33.2146 | 19.3525 |
| 2009 | 6     | 15  | 15   | 23     | 17     | 0.3       | 3.3     | 0.68  | 94.4      | 33.249  | 19.6634 |
| 2009 | 6     | 15  | 15   | 33     | 17     | 0.3       | 3.3     | 0.69  | 91.6      | 33.249  | 19.9539 |
| 2009 | 6     | 15  | 15   | 43     | 17     | 0.3       | 3.3     | 0.72  | 90.5      | 33.249  | 20.9229 |
| 2009 | 6     | 15  | 15   | 53     | 17     | 0.3       | 3.3     | 0.7   | 92.7      | 33.2146 | 20.2232 |
| 2009 | 6     | 15  | 16   | 3      | 17     | 0.3       | 3.3     | 0.66  | 91.4      | 33.249  | 19.1793 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 15  | 16   | 13     | 17     | 0.3       | 3.3     | 0.67  | 93.9      | 33.249  | 19.3729 |
| 2009 | 6     | 15  | 16   | 23     | 17     | 0.3       | 3.3     | 0.65  | 93.5      | 33.249  | 18.9857 |
| 2009 | 6     | 15  | 16   | 33     | 17     | 0.3       | 3.3     | 0.68  | 94.7      | 33.249  | 19.6634 |
| 2009 | 6     | 15  | 16   | 43     | 17     | 0.3       | 3.3     | 0.7   | 91.3      | 33.249  | 20.4383 |
| 2009 | 6     | 15  | 16   | 53     | 17     | 0.3       | 3.3     | 0.71  | 91.3      | 33.249  | 20.729  |
| 2009 | 6     | 15  | 17   | 3      | 17     | 0.3       | 3.3     | 0.71  | 90.5      | 33.249  | 20.6321 |
| 2009 | 6     | 15  | 17   | 13     | 17     | 0.3       | 3.3     | 0.69  | 95.2      | 33.249  | 19.9539 |
| 2009 | 6     | 15  | 17   | 23     | 17     | 0.3       | 3.3     | 0.69  | 94.4      | 33.249  | 20.0508 |
| 2009 | 6     | 15  | 17   | 33     | 17     | 0.3       | 3.3     | 0.71  | 92.7      | 33.2834 | 20.6538 |
| 2009 | 6     | 15  | 17   | 43     | 17     | 0.3       | 3.3     | 0.76  | 91.5      | 33.2834 | 22.2068 |
| 2009 | 6     | 15  | 17   | 53     | 17     | 0.3       | 3.3     | 0.77  | 94.9      | 33.2834 | 22.3039 |
| 2009 | 6     | 15  | 18   | 3      | 17     | 0.3       | 3.3     | 0.71  | 91.3      | 33.2834 | 20.5568 |
| 2009 | 6     | 15  | 18   | 13     | 17     | 0.3       | 3.3     | 0.68  | 93.6      | 33.2834 | 19.878  |
| 2009 | 6     | 15  | 18   | 23     | 17     | 0.3       | 3.3     | 0.7   | 94.6      | 33.2834 | 20.3628 |
| 2009 | 6     | 15  | 18   | 33     | 17     | 0.3       | 3.3     | 0.69  | 90        | 33.2834 | 19.9749 |
| 2009 | 6     | 15  | 18   | 43     | 17     | 0.3       | 3.3     | 0.76  | 90        | 33.2834 | 22.3039 |
| 2009 | 6     | 15  | 18   | 53     | 17     | 0.3       | 3.3     | 0.73  | 91        | 33.2834 | 21.139  |
| 2009 | 6     | 15  | 19   | 3      | 17     | 0.3       | 3.3     | 0.73  | 90.8      | 33.2834 | 21.3331 |
| 2009 | 6     | 15  | 19   | 13     | 17     | 0.3       | 3.3     | 0.68  | 94.1      | 33.2834 | 19.878  |
| 2009 | 6     | 15  | 19   | 23     | 17     | 0.3       | 3.3     | 0.66  | 93.1      | 33.2834 | 19.1026 |
| 2009 | 6     | 15  | 19   | 33     | 17     | 0.3       | 3.3     | 0.71  | 92.7      | 33.249  | 20.6321 |
| 2009 | 6     | 15  | 19   | 43     | 17     | 0.3       | 3.3     | 0.71  | 96.4      | 33.2834 | 20.4598 |
| 2009 | 6     | 15  | 19   | 53     | 17     | 0.3       | 3.3     | 0.74  | 92.6      | 33.2834 | 21.4301 |
| 2009 | 6     | 15  | 20   | 3      | 17     | 0.3       | 3.3     | 0.71  | 92.9      | 33.2834 | 20.7509 |
| 2009 | 6     | 15  | 20   | 13     | 17     | 0.3       | 3.3     | 0.72  | 95.2      | 33.249  | 21.0198 |
| 2009 | 6     | 15  | 20   | 23     | 17     | 0.3       | 3.3     | 0.73  | 93.1      | 33.2834 | 21.236  |
| 2009 | 6     | 15  | 20   | 33     | 17     | 0.3       | 3.3     | 0.75  | 93.3      | 33.2834 | 21.7213 |
| 2009 | 6     | 15  | 20   | 43     | 17     | 0.3       | 3.3     | 0.77  | 92.9      | 33.2834 | 22.4007 |
| 2009 | 6     | 15  | 20   | 53     | 17     | 0.3       | 3.3     | 0.71  | 93.2      | 33.2834 | 20.7509 |
| 2009 | 6     | 15  | 21   | 3      | 17     | 0.3       | 3.3     | 0.74  | 92.5      | 33.2834 | 21.6242 |
| 2009 | 6     | 15  | 21   | 13     | 17     | 0.3       | 3.3     | 0.75  | 91.8      | 33.2834 | 21.7213 |
| 2009 | 6     | 15  | 21   | 23     | 17     | 0.3       | 3.3     | 0.73  | 90.3      | 33.2834 | 21.3331 |
| 2009 | 6     | 15  | 21   | 33     | 17     | 0.3       | 3.3     | 0.74  | 90        | 33.2834 | 21.6242 |
| 2009 | 6     | 15  | 21   | 43     | 17     | 0.3       | 3.3     | 0.77  | 91.5      | 33.2834 | 22.4976 |
| 2009 | 6     | 15  | 21   | 53     | 17     | 0.3       | 3.3     | 0.76  | 92.7      | 33.2834 | 22.0126 |
| 2009 | 6     | 15  | 22   | 3      | 17     | 0.3       | 3.3     | 0.79  | 92.9      | 33.2834 | 22.885  |
| 2009 | 6     | 15  | 22   | 13     | 17     | 0.3       | 3.3     | 0.72  | 93.7      | 33.2834 | 20.9449 |
| 2009 | 6     | 15  | 22   | 23     | 17     | 0.3       | 3.3     | 0.74  | 93.3      | 33.2834 | 21.6242 |
| 2009 | 6     | 15  | 22   | 33     | 17     | 0.3       | 3.3     | 0.73  | 95.2      | 33.2834 | 21.139  |
| 2009 | 6     | 15  | 22   | 43     | 17     | 0.3       | 3.3     | 0.72  | 94.7      | 33.2834 | 21.0419 |
| 2009 | 6     | 15  | 22   | 53     | 17     | 0.3       | 3.3     | 0.69  | 93.3      | 33.2834 | 20.0719 |
| 2009 | 6     | 15  | 23   | 3      | 17     | 0.3       | 3.3     | 0.73  | 93.3      | 33.2834 | 21.3331 |
| 2009 | 6     | 15  | 23   | 13     | 17     | 0.3       | 3.3     | 0.72  | 94.7      | 33.2834 | 21.0419 |
| 2009 | 6     | 15  | 23   | 23     | 17     | 0.3       | 3.3     | 0.69  | 91.9      | 33.2834 | 20.0719 |
| 2009 | 6     | 15  | 23   | 33     | 17     | 0.3       | 3.3     | 0.76  | 93.2      | 33.2834 | 22.0126 |
| 2009 | 6     | 15  | 23   | 43     | 17     | 0.3       | 3.3     | 0.76  | 92.7      | 33.2834 | 22.1097 |
| 2009 | 6     | 15  | 23   | 53     | 17     | 0.3       | 3.3     | 0.71  | 93.7      | 33.2834 | 20.5568 |
| 2009 | 6     | 16  | 0    | 3      | 17     | 0.3       | 3.3     | 0.71  | 93.4      | 33.2834 | 20.6538 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 16  | 0    | 13     | 17     | 0.3       | 3.3     | 0.72  | 89.7      | 33.2834 | 21.0419 |
| 2009 | 6     | 16  | 0    | 23     | 17     | 0.3       | 3.3     | 0.7   | 95.1      | 33.249  | 20.4383 |
| 2009 | 6     | 16  | 0    | 33     | 17     | 0.3       | 3.3     | 0.74  | 92.8      | 33.249  | 21.6015 |
| 2009 | 6     | 16  | 0    | 43     | 17     | 0.3       | 3.3     | 0.78  | 91.2      | 33.249  | 22.861  |
| 2009 | 6     | 16  | 0    | 53     | 17     | 0.3       | 3.3     | 0.78  | 94.4      | 33.249  | 22.5707 |
| 2009 | 6     | 16  | 1    | 3      | 17     | 0.3       | 3.3     | 0.66  | 93.1      | 33.249  | 19.1793 |
| 2009 | 6     | 16  | 1    | 13     | 17     | 0.3       | 3.3     | 0.75  | 94        | 33.249  | 21.8924 |
| 2009 | 6     | 16  | 1    | 23     | 17     | 0.3       | 3.3     | 0.75  | 93.2      | 33.249  | 21.8924 |
| 2009 | 6     | 16  | 1    | 33     | 17     | 0.3       | 3.3     | 0.69  | 91.9      | 33.249  | 20.0508 |
| 2009 | 6     | 16  | 1    | 43     | 17     | 0.3       | 3.3     | 0.7   | 94.3      | 33.249  | 20.4383 |
| 2009 | 6     | 16  | 1    | 53     | 17     | 0.3       | 3.3     | 0.75  | 92.8      | 33.249  | 21.7954 |
| 2009 | 6     | 16  | 2    | 3      | 17     | 0.3       | 3.3     | 0.71  | 93.4      | 33.249  | 20.6321 |
| 2009 | 6     | 16  | 2    | 13     | 17     | 0.3       | 3.3     | 0.74  | 95.1      | 33.249  | 21.6015 |
| 2009 | 6     | 16  | 2    | 23     | 17     | 0.3       | 3.3     | 0.69  | 93        | 33.249  | 20.1477 |
| 2009 | 6     | 16  | 2    | 33     | 17     | 0.3       | 3.3     | 0.75  | 91.3      | 33.249  | 21.8924 |
| 2009 | 6     | 16  | 2    | 43     | 17     | 0.3       | 3.3     | 0.71  | 96.3      | 33.249  | 20.6321 |
| 2009 | 6     | 16  | 2    | 53     | 17     | 0.3       | 3.3     | 0.72  | 92.4      | 33.249  | 20.8259 |
| 2009 | 6     | 16  | 3    | 3      | 17     | 0.3       | 3.3     | 0.67  | 93.9      | 33.249  | 19.5665 |
| 2009 | 6     | 16  | 3    | 13     | 17     | 0.3       | 3.3     | 0.68  | 92.8      | 33.249  | 19.7602 |
| 2009 | 6     | 16  | 3    | 23     | 17     | 0.3       | 3.3     | 0.68  | 93.3      | 33.249  | 19.8571 |
| 2009 | 6     | 16  | 3    | 33     | 17     | 0.3       | 3.3     | 0.7   | 92.7      | 33.2146 | 20.32   |
| 2009 | 6     | 16  | 3    | 43     | 17     | 0.3       | 3.3     | 0.68  | 93        | 33.249  | 19.8571 |
| 2009 | 6     | 16  | 3    | 53     | 17     | 0.3       | 3.3     | 0.67  | 92.5      | 33.2146 | 19.3525 |
| 2009 | 6     | 16  | 4    | 3      | 17     | 0.3       | 3.3     | 0.7   | 92.4      | 33.2146 | 20.2232 |
| 2009 | 6     | 16  | 4    | 13     | 17     | 0.3       | 3.3     | 0.73  | 91.3      | 33.2146 | 21.2882 |
| 2009 | 6     | 16  | 4    | 23     | 17     | 0.3       | 3.3     | 0.76  | 93.2      | 33.249  | 22.0864 |
| 2009 | 6     | 16  | 4    | 33     | 17     | 0.3       | 3.3     | 0.7   | 95.1      | 33.249  | 20.2445 |
| 2009 | 6     | 16  | 4    | 43     | 17     | 0.3       | 3.3     | 0.72  | 91.8      | 33.249  | 20.8259 |
| 2009 | 6     | 16  | 4    | 53     | 17     | 0.3       | 3.3     | 0.67  | 90        | 33.249  | 19.4697 |
| 2009 | 6     | 16  | 5    | 3      | 17     | 0.3       | 3.3     | 0.69  | 91.6      | 33.249  | 19.9539 |
| 2009 | 6     | 16  | 5    | 13     | 17     | 0.3       | 3.3     | 0.66  | 92.8      | 33.249  | 19.1793 |
| 2009 | 6     | 16  | 5    | 23     | 17     | 0.3       | 3.3     | 0.69  | 90.5      | 33.249  | 20.0508 |
| 2009 | 6     | 16  | 5    | 33     | 17     | 0.3       | 3.3     | 0.73  | 90        | 33.249  | 21.2137 |
| 2009 | 6     | 16  | 5    | 43     | 17     | 0.3       | 3.3     | 0.67  | 93.9      | 33.249  | 19.4697 |
| 2009 | 6     | 16  | 5    | 53     | 17     | 0.3       | 3.3     | 0.71  | 91.3      | 33.249  | 20.729  |
| 2009 | 6     | 16  | 6    | 3      | 17     | 0.3       | 3.3     | 0.7   | 89.7      | 33.249  | 20.2445 |
| 2009 | 6     | 16  | 6    | 13     | 17     | 0.3       | 3.3     | 0.67  | 94.8      | 33.249  | 19.3729 |
| 2009 | 6     | 16  | 6    | 23     | 17     | 0.3       | 3.3     | 0.69  | 91.1      | 33.249  | 20.0508 |
| 2009 | 6     | 16  | 6    | 33     | 17     | 0.3       | 3.3     | 0.68  | 92.8      | 33.249  | 19.7602 |
| 2009 | 6     | 16  | 6    | 43     | 17     | 0.3       | 3.3     | 0.67  | 91.1      | 33.249  | 19.3729 |
| 2009 | 6     | 16  | 6    | 53     | 17     | 0.3       | 3.3     | 0.66  | 94        | 33.249  | 19.0825 |
| 2009 | 6     | 16  | 7    | 3      | 17     | 0.3       | 3.3     | 0.7   | 90.3      | 33.249  | 20.4383 |
| 2009 | 6     | 16  | 7    | 13     | 17     | 0.3       | 3.3     | 0.66  | 94        | 33.249  | 19.2761 |
| 2009 | 6     | 16  | 7    | 23     | 17     | 0.3       | 3.3     | 0.7   | 91.3      | 33.249  | 20.3414 |
| 2009 | 6     | 16  | 7    | 33     | 17     | 0.3       | 3.3     | 0.7   | 93.8      | 33.249  | 20.2445 |
| 2009 | 6     | 16  | 7    | 43     | 17     | 0.3       | 3.3     | 0.63  | 93.6      | 33.249  | 18.405  |
| 2009 | 6     | 16  | 7    | 53     | 17     | 0.3       | 3.3     | 0.7   | 94.3      | 33.249  | 20.2445 |
| 2009 | 6     | 16  | 8    | 3      | 17     | 0.3       | 3.3     | 0.69  | 93.8      | 33.249  | 20.0508 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 16  | 8    | 13     | 17     | 0.3       | 3.3     | 0.69  | 91.4      | 33.249  | 20.1477 |
| 2009 | 6     | 16  | 8    | 23     | 17     | 0.3       | 3.3     | 0.72  | 93.7      | 33.249  | 20.8259 |
| 2009 | 6     | 16  | 8    | 33     | 17     | 0.3       | 3.3     | 0.67  | 93.9      | 33.249  | 19.3729 |
| 2009 | 6     | 16  | 8    | 43     | 17     | 0.3       | 3.3     | 0.75  | 92        | 33.249  | 21.6985 |
| 2009 | 6     | 16  | 8    | 53     | 17     | 0.3       | 3.3     | 0.7   | 93        | 33.249  | 20.2445 |
| 2009 | 6     | 16  | 9    | 3      | 17     | 0.3       | 3.3     | 0.7   | 93.2      | 33.249  | 20.2445 |
| 2009 | 6     | 16  | 9    | 13     | 17     | 0.3       | 3.3     | 0.69  | 91.6      | 33.249  | 19.9539 |
| 2009 | 6     | 16  | 9    | 23     | 17     | 0.3       | 3.3     | 0.71  | 93.7      | 33.249  | 20.6321 |
| 2009 | 6     | 16  | 9    | 33     | 17     | 0.3       | 3.3     | 0.61  | 97        | 33.249  | 17.728  |
| 2009 | 6     | 16  | 9    | 43     | 17     | 0.3       | 3.3     | 0.68  | 91.4      | 33.249  | 19.7602 |
| 2009 | 6     | 16  | 9    | 53     | 17     | 0.3       | 3.3     | 0.69  | 91.4      | 33.2834 | 20.0719 |
| 2009 | 6     | 16  | 10   | 3      | 17     | 0.3       | 3.3     | 0.76  | 92.7      | 33.249  | 22.1834 |
| 2009 | 6     | 16  | 10   | 13     | 17     | 0.3       | 3.3     | 0.67  | 95.3      | 33.249  | 19.3729 |
| 2009 | 6     | 16  | 10   | 23     | 17     | 0.3       | 3.3     | 0.69  | 96.9      | 33.2834 | 19.878  |
| 2009 | 6     | 16  | 10   | 33     | 17     | 0.3       | 3.3     | 0.65  | 92.9      | 33.249  | 18.7921 |
| 2009 | 6     | 16  | 10   | 43     | 17     | 0.3       | 3.3     | 0.72  | 91.8      | 33.249  | 21.0198 |
| 2009 | 6     | 16  | 10   | 53     | 17     | 0.3       | 3.3     | 0.65  | 92.3      | 33.2834 | 18.9088 |
| 2009 | 6     | 16  | 11   | 3      | 17     | 0.3       | 3.3     | 0.67  | 92        | 33.249  | 19.5665 |
| 2009 | 6     | 16  | 11   | 13     | 17     | 0.3       | 3.3     | 0.68  | 96.1      | 33.2834 | 19.5871 |
| 2009 | 6     | 16  | 11   | 23     | 17     | 0.3       | 3.3     | 0.69  | 96        | 33.2834 | 19.878  |
| 2009 | 6     | 16  | 11   | 33     | 17     | 0.3       | 3.3     | 0.7   | 91.1      | 33.249  | 20.2445 |
| 2009 | 6     | 16  | 11   | 43     | 17     | 0.3       | 3.3     | 0.67  | 96.8      | 33.2834 | 19.2964 |
| 2009 | 6     | 16  | 11   | 53     | 17     | 0.3       | 3.3     | 0.7   | 92.9      | 33.249  | 20.4383 |
| 2009 | 6     | 16  | 12   | 3      | 17     | 0.3       | 3.3     | 0.68  | 91.7      | 33.2834 | 19.878  |
| 2009 | 6     | 16  | 12   | 13     | 17     | 0.3       | 3.3     | 0.62  | 96.7      | 33.2834 | 17.9403 |
| 2009 | 6     | 16  | 12   | 23     | 17     | 0.3       | 3.3     | 0.63  | 92.7      | 33.2834 | 18.4244 |
| 2009 | 6     | 16  | 12   | 33     | 17     | 0.3       | 3.3     | 0.71  | 91.8      | 33.2834 | 20.7509 |
| 2009 | 6     | 16  | 12   | 43     | 17     | 0.3       | 3.3     | 0.68  | 95        | 33.2834 | 19.6841 |
| 2009 | 6     | 16  | 12   | 53     | 17     | 0.3       | 3.3     | 0.65  | 96.6      | 33.2834 | 18.9088 |
| 2009 | 6     | 16  | 13   | 3      | 17     | 0.3       | 3.3     | 0.69  | 94.3      | 33.2834 | 20.1689 |
| 2009 | 6     | 16  | 13   | 13     | 17     | 0.3       | 3.3     | 0.66  | 91.1      | 33.2834 | 19.1026 |
| 2009 | 6     | 16  | 13   | 23     | 17     | 0.3       | 3.3     | 0.72  | 92.3      | 33.2834 | 21.0419 |
| 2009 | 6     | 16  | 13   | 33     | 17     | 0.3       | 3.3     | 0.72  | 95.8      | 33.2834 | 20.7509 |
| 2009 | 6     | 16  | 13   | 43     | 17     | 0.3       | 3.3     | 0.67  | 92.3      | 33.2834 | 19.3933 |
| 2009 | 6     | 16  | 13   | 53     | 17     | 0.3       | 3.3     | 0.69  | 94.1      | 33.2834 | 20.1689 |
| 2009 | 6     | 16  | 14   | 3      | 17     | 0.3       | 3.3     | 0.64  | 94.7      | 33.2834 | 18.4244 |
| 2009 | 6     | 16  | 14   | 13     | 17     | 0.3       | 3.3     | 0.64  | 93.2      | 33.2834 | 18.6181 |
| 2009 | 6     | 16  | 14   | 23     | 17     | 0.3       | 3.3     | 0.65  | 94.4      | 33.2834 | 18.8119 |
| 2009 | 6     | 16  | 14   | 33     | 17     | 0.3       | 3.3     | 0.66  | 92.8      | 33.3178 | 19.2197 |
| 2009 | 6     | 16  | 14   | 43     | 17     | 0.3       | 3.3     | 0.69  | 93.3      | 33.2834 | 19.9749 |
| 2009 | 6     | 16  | 14   | 53     | 17     | 0.3       | 3.3     | 0.68  | 91.4      | 33.2834 | 19.781  |
| 2009 | 6     | 16  | 15   | 3      | 17     | 0.3       | 3.3     | 0.64  | 92.9      | 33.2834 | 18.715  |
| 2009 | 6     | 16  | 15   | 13     | 17     | 0.3       | 3.3     | 0.71  | 88.4      | 33.2834 | 20.5568 |
| 2009 | 6     | 16  | 15   | 23     | 17     | 0.3       | 3.3     | 0.65  | 94        | 33.2834 | 19.0057 |
| 2009 | 6     | 16  | 15   | 33     | 17     | 0.3       | 3.3     | 0.66  | 92.3      | 33.2834 | 19.1026 |
| 2009 | 6     | 16  | 15   | 43     | 17     | 0.3       | 3.3     | 0.69  | 94.1      | 33.2834 | 19.9749 |
| 2009 | 6     | 16  | 15   | 53     | 17     | 0.3       | 3.3     | 0.63  | 94.5      | 33.2834 | 18.1339 |
| 2009 | 6     | 16  | 16   | 3      | 17     | 0.3       | 3.3     | 0.67  | 90        | 33.2834 | 19.3933 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 16  | 16   | 13     | 17     | 0.3       | 3.3     | 0.64  | 94.1      | 33.2834 | 18.5213 |
| 2009 | 6     | 16  | 16   | 23     | 17     | 0.3       | 3.3     | 0.64  | 96.5      | 33.2834 | 18.5213 |
| 2009 | 6     | 16  | 16   | 33     | 17     | 0.3       | 3.3     | 0.64  | 96.8      | 33.2834 | 18.4244 |
| 2009 | 6     | 16  | 16   | 43     | 17     | 0.3       | 3.3     | 0.68  | 95.3      | 33.2834 | 19.6841 |
| 2009 | 6     | 16  | 16   | 53     | 17     | 0.3       | 3.3     | 0.58  | 91.9      | 33.2834 | 16.9725 |
| 2009 | 6     | 16  | 17   | 3      | 17     | 0.3       | 3.3     | 0.65  | 95        | 33.2834 | 18.715  |
| 2009 | 6     | 16  | 17   | 13     | 17     | 0.3       | 3.3     | 0.63  | 92.4      | 33.2834 | 18.4244 |
| 2009 | 6     | 16  | 17   | 23     | 17     | 0.3       | 3.3     | 0.65  | 94.4      | 33.3178 | 18.8317 |
| 2009 | 6     | 16  | 17   | 33     | 17     | 0.3       | 3.3     | 0.67  | 91.4      | 33.3178 | 19.4137 |
| 2009 | 6     | 16  | 17   | 43     | 17     | 0.3       | 3.3     | 0.63  | 92.1      | 33.3178 | 18.4438 |
| 2009 | 6     | 16  | 17   | 53     | 17     | 0.3       | 3.3     | 0.64  | 92.1      | 33.3178 | 18.5408 |
| 2009 | 6     | 16  | 18   | 3      | 17     | 0.3       | 3.3     | 0.68  | 92.2      | 33.2834 | 19.878  |
| 2009 | 6     | 16  | 18   | 13     | 17     | 0.3       | 3.3     | 0.69  | 90.5      | 33.2834 | 19.9749 |
| 2009 | 6     | 16  | 18   | 23     | 17     | 0.3       | 3.3     | 0.66  | 92.6      | 33.2834 | 19.1995 |
| 2009 | 6     | 16  | 18   | 33     | 17     | 0.3       | 3.3     | 0.62  | 96.1      | 33.2834 | 17.9403 |
| 2009 | 6     | 16  | 18   | 43     | 17     | 0.3       | 3.3     | 0.63  | 94.8      | 33.2834 | 18.3276 |
| 2009 | 6     | 16  | 18   | 53     | 17     | 0.3       | 3.3     | 0.68  | 93.9      | 33.2834 | 19.6841 |
| 2009 | 6     | 16  | 19   | 3      | 17     | 0.3       | 3.3     | 0.67  | 91.1      | 33.2834 | 19.3933 |
| 2009 | 6     | 16  | 19   | 13     | 17     | 0.3       | 3.3     | 0.69  | 91.9      | 33.2834 | 20.1689 |
| 2009 | 6     | 16  | 19   | 23     | 17     | 0.3       | 3.3     | 0.63  | 94.2      | 33.2834 | 18.2307 |
| 2009 | 6     | 16  | 19   | 33     | 17     | 0.3       | 3.3     | 0.63  | 92.4      | 33.2834 | 18.4244 |
| 2009 | 6     | 16  | 19   | 43     | 17     | 0.3       | 3.3     | 0.7   | 91.6      | 33.2834 | 20.2659 |
| 2009 | 6     | 16  | 19   | 53     | 17     | 0.3       | 3.3     | 0.7   | 95.1      | 33.2834 | 20.1689 |
| 2009 | 6     | 16  | 20   | 3      | 17     | 0.3       | 3.3     | 0.71  | 91.6      | 33.2834 | 20.5568 |
| 2009 | 6     | 16  | 20   | 13     | 17     | 0.3       | 3.3     | 0.71  | 91.1      | 33.2834 | 20.6538 |
| 2009 | 6     | 16  | 20   | 23     | 17     | 0.3       | 3.3     | 0.71  | 92.1      | 33.2834 | 20.5568 |
| 2009 | 6     | 16  | 20   | 33     | 17     | 0.3       | 3.3     | 0.58  | 91.9      | 33.2834 | 16.9725 |
| 2009 | 6     | 16  | 20   | 43     | 17     | 0.3       | 3.3     | 0.62  | 94.3      | 33.2834 | 17.8434 |
| 2009 | 6     | 16  | 20   | 53     | 17     | 0.3       | 3.3     | 0.72  | 91.6      | 33.2834 | 21.0419 |
| 2009 | 6     | 16  | 21   | 3      | 17     | 0.3       | 3.3     | 0.69  | 92.7      | 33.2834 | 20.1689 |
| 2009 | 6     | 16  | 21   | 13     | 17     | 0.3       | 3.3     | 0.72  | 92.1      | 33.2834 | 21.0419 |
| 2009 | 6     | 16  | 21   | 23     | 17     | 0.3       | 3.3     | 0.69  | 94.4      | 33.2834 | 20.0719 |
| 2009 | 6     | 16  | 21   | 33     | 17     | 0.3       | 3.3     | 0.66  | 92.8      | 33.2834 | 19.1995 |
| 2009 | 6     | 16  | 21   | 43     | 17     | 0.3       | 3.3     | 0.7   | 93.5      | 33.2834 | 20.2659 |
| 2009 | 6     | 16  | 21   | 53     | 17     | 0.3       | 3.3     | 0.72  | 90.5      | 33.2834 | 20.8479 |
| 2009 | 6     | 16  | 22   | 3      | 17     | 0.3       | 3.3     | 0.71  | 94        | 33.2834 | 20.7509 |
| 2009 | 6     | 16  | 22   | 13     | 17     | 0.3       | 3.3     | 0.7   | 92.4      | 33.2834 | 20.3628 |
| 2009 | 6     | 16  | 22   | 23     | 17     | 0.3       | 3.3     | 0.68  | 92.5      | 33.2834 | 19.6841 |
| 2009 | 6     | 16  | 22   | 33     | 17     | 0.3       | 3.3     | 0.73  | 92.3      | 33.2834 | 21.3331 |
| 2009 | 6     | 16  | 22   | 43     | 17     | 0.3       | 3.3     | 0.7   | 95.7      | 33.2834 | 20.2659 |
| 2009 | 6     | 16  | 22   | 53     | 17     | 0.3       | 3.3     | 0.66  | 94.2      | 33.2834 | 19.2964 |
| 2009 | 6     | 16  | 23   | 3      | 17     | 0.3       | 3.3     | 0.71  | 96.3      | 33.2834 | 20.6538 |
| 2009 | 6     | 16  | 23   | 13     | 17     | 0.3       | 3.3     | 0.69  | 93.3      | 33.2834 | 19.9749 |
| 2009 | 6     | 16  | 23   | 23     | 17     | 0.3       | 3.3     | 0.72  | 88.4      | 33.2834 | 20.8479 |
| 2009 | 6     | 16  | 23   | 33     | 17     | 0.3       | 3.3     | 0.78  | 92.2      | 33.2834 | 22.6913 |
| 2009 | 6     | 16  | 23   | 43     | 17     | 0.3       | 3.3     | 0.72  | 91        | 33.2834 | 20.9449 |
| 2009 | 6     | 16  | 23   | 53     | 17     | 0.3       | 3.3     | 0.76  | 91.7      | 33.2834 | 22.2068 |
| 2009 | 6     | 17  | 0    | 3      | 17     | 0.3       | 3.3     | 0.74  | 91.8      | 33.2834 | 21.6242 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 17  | 0    | 13     | 17     | 0.3       | 3.3     | 0.76  | 92.7      | 33.2834 | 22.2068 |
| 2009 | 6     | 17  | 0    | 23     | 17     | 0.3       | 3.3     | 0.7   | 91.6      | 33.2834 | 20.3628 |
| 2009 | 6     | 17  | 0    | 33     | 17     | 0.3       | 3.3     | 0.75  | 91.3      | 33.249  | 21.8924 |
| 2009 | 6     | 17  | 0    | 43     | 17     | 0.3       | 3.3     | 0.64  | 96.2      | 33.2834 | 18.5213 |
| 2009 | 6     | 17  | 0    | 53     | 17     | 0.3       | 3.3     | 0.77  | 91.2      | 33.2834 | 22.4976 |
| 2009 | 6     | 17  | 1    | 3      | 17     | 0.3       | 3.3     | 0.76  | 93        | 33.2834 | 22.1097 |
| 2009 | 6     | 17  | 1    | 13     | 17     | 0.3       | 3.3     | 0.76  | 93.2      | 33.249  | 21.9894 |
| 2009 | 6     | 17  | 1    | 23     | 17     | 0.3       | 3.3     | 0.76  | 92        | 33.249  | 22.0864 |
| 2009 | 6     | 17  | 1    | 33     | 17     | 0.3       | 3.3     | 0.72  | 92.6      | 33.2834 | 20.8479 |
| 2009 | 6     | 17  | 1    | 43     | 17     | 0.3       | 3.3     | 0.72  | 92.6      | 33.249  | 21.0198 |
| 2009 | 6     | 17  | 1    | 53     | 17     | 0.3       | 3.3     | 0.73  | 92.8      | 33.249  | 21.1167 |
| 2009 | 6     | 17  | 2    | 3      | 17     | 0.3       | 3.3     | 0.69  | 94.7      | 33.249  | 19.9539 |
| 2009 | 6     | 17  | 2    | 13     | 17     | 0.3       | 3.3     | 0.71  | 93.2      | 33.249  | 20.729  |
| 2009 | 6     | 17  | 2    | 23     | 17     | 0.3       | 3.3     | 0.72  | 92.3      | 33.249  | 21.0198 |
| 2009 | 6     | 17  | 2    | 33     | 17     | 0.3       | 3.3     | 0.77  | 93.7      | 33.249  | 22.2804 |
| 2009 | 6     | 17  | 2    | 43     | 17     | 0.3       | 3.3     | 0.73  | 94.6      | 33.249  | 21.3106 |
| 2009 | 6     | 17  | 2    | 53     | 17     | 0.3       | 3.3     | 0.73  | 91.3      | 33.249  | 21.1167 |
| 2009 | 6     | 17  | 3    | 3      | 17     | 0.3       | 3.3     | 0.77  | 93.4      | 33.249  | 22.3772 |
| 2009 | 6     | 17  | 3    | 13     | 17     | 0.3       | 3.3     | 0.76  | 94        | 33.249  | 21.9894 |
| 2009 | 6     | 17  | 3    | 23     | 17     | 0.3       | 3.3     | 0.68  | 93.9      | 33.249  | 19.7602 |
| 2009 | 6     | 17  | 3    | 33     | 17     | 0.3       | 3.3     | 0.73  | 92.3      | 33.249  | 21.2137 |
| 2009 | 6     | 17  | 3    | 43     | 17     | 0.3       | 3.3     | 0.72  | 89.7      | 33.249  | 21.0198 |
| 2009 | 6     | 17  | 3    | 53     | 17     | 0.3       | 3.3     | 0.75  | 90        | 33.249  | 21.8924 |
| 2009 | 6     | 17  | 4    | 3      | 17     | 0.3       | 3.3     | 0.77  | 91.2      | 33.249  | 22.3772 |
| 2009 | 6     | 17  | 4    | 13     | 17     | 0.3       | 3.3     | 0.72  | 92.3      | 33.249  | 21.0198 |
| 2009 | 6     | 17  | 4    | 23     | 17     | 0.3       | 3.3     | 0.75  | 92.3      | 33.249  | 21.7954 |
| 2009 | 6     | 17  | 4    | 33     | 17     | 0.3       | 3.3     | 0.73  | 95.1      | 33.249  | 21.2137 |
| 2009 | 6     | 17  | 4    | 43     | 17     | 0.3       | 3.3     | 0.71  | 94        | 33.249  | 20.729  |
| 2009 | 6     | 17  | 4    | 53     | 17     | 0.3       | 3.3     | 0.72  | 90        | 33.249  | 21.0198 |
| 2009 | 6     | 17  | 5    | 3      | 17     | 0.3       | 3.3     | 0.76  | 93.2      | 33.249  | 22.0864 |
| 2009 | 6     | 17  | 5    | 13     | 17     | 0.3       | 3.3     | 0.7   | 95.1      | 33.249  | 20.2445 |
| 2009 | 6     | 17  | 5    | 23     | 17     | 0.3       | 3.3     | 0.75  | 90.8      | 33.249  | 21.7954 |
| 2009 | 6     | 17  | 5    | 33     | 17     | 0.3       | 3.3     | 0.75  | 90.3      | 33.249  | 21.7954 |
| 2009 | 6     | 17  | 5    | 43     | 17     | 0.3       | 3.3     | 0.75  | 92        | 33.249  | 21.7954 |
| 2009 | 6     | 17  | 5    | 53     | 17     | 0.3       | 3.3     | 0.68  | 93.3      | 33.249  | 19.8571 |
| 2009 | 6     | 17  | 6    | 3      | 17     | 0.3       | 3.3     | 0.75  | 92.3      | 33.249  | 21.7954 |
| 2009 | 6     | 17  | 6    | 13     | 17     | 0.3       | 3.3     | 0.73  | 94.9      | 33.249  | 21.3106 |
| 2009 | 6     | 17  | 6    | 23     | 17     | 0.3       | 3.3     | 0.7   | 92.4      | 33.249  | 20.2445 |
| 2009 | 6     | 17  | 6    | 33     | 17     | 0.3       | 3.3     | 0.71  | 95.1      | 33.249  | 20.5352 |
| 2009 | 6     | 17  | 6    | 43     | 17     | 0.3       | 3.3     | 0.68  | 94.4      | 33.249  | 19.6634 |
| 2009 | 6     | 17  | 6    | 53     | 17     | 0.3       | 3.3     | 0.71  | 90        | 33.249  | 20.729  |
| 2009 | 6     | 17  | 7    | 3      | 17     | 0.3       | 3.3     | 0.71  | 91.8      | 33.249  | 20.729  |
| 2009 | 6     | 17  | 7    | 13     | 17     | 0.3       | 3.3     | 0.71  | 90.5      | 33.249  | 20.729  |
| 2009 | 6     | 17  | 7    | 23     | 17     | 0.3       | 3.3     | 0.74  | 92.8      | 33.249  | 21.6015 |
| 2009 | 6     | 17  | 7    | 33     | 17     | 0.3       | 3.3     | 0.66  | 94.2      | 33.249  | 19.2761 |
| 2009 | 6     | 17  | 7    | 43     | 17     | 0.3       | 3.3     | 0.74  | 91.3      | 33.249  | 21.5045 |
| 2009 | 6     | 17  | 7    | 53     | 17     | 0.3       | 3.3     | 0.68  | 93        | 33.249  | 19.7602 |
| 2009 | 6     | 17  | 8    | 3      | 17     | 0.3       | 3.3     | 0.71  | 92.6      | 33.249  | 20.729  |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 17  | 8    | 13     | 17     | 0.3       | 3.3     | 0.71  | 95.6      | 33.249  | 20.4383 |
| 2009 | 6     | 17  | 8    | 23     | 17     | 0.3       | 3.3     | 0.75  | 95        | 33.249  | 21.8924 |
| 2009 | 6     | 17  | 8    | 33     | 17     | 0.3       | 3.3     | 0.71  | 93.2      | 33.249  | 20.5352 |
| 2009 | 6     | 17  | 8    | 43     | 17     | 0.3       | 3.3     | 0.72  | 92.6      | 33.249  | 20.8259 |
| 2009 | 6     | 17  | 8    | 53     | 17     | 0.3       | 3.3     | 0.71  | 91.3      | 33.249  | 20.729  |
| 2009 | 6     | 17  | 9    | 3      | 17     | 0.3       | 3.3     | 0.7   | 92.7      | 33.249  | 20.3414 |
| 2009 | 6     | 17  | 9    | 13     | 17     | 0.3       | 3.3     | 0.72  | 93.7      | 33.249  | 20.8259 |
| 2009 | 6     | 17  | 9    | 23     | 17     | 0.3       | 3.3     | 0.63  | 94.8      | 33.249  | 18.2115 |
| 2009 | 6     | 17  | 9    | 33     | 17     | 0.3       | 3.3     | 0.72  | 93.7      | 33.249  | 20.8259 |
| 2009 | 6     | 17  | 9    | 43     | 17     | 0.3       | 3.3     | 0.68  | 95.5      | 33.249  | 19.6634 |
| 2009 | 6     | 17  | 9    | 53     | 17     | 0.3       | 3.3     | 0.75  | 93.5      | 33.249  | 21.6985 |
| 2009 | 6     | 17  | 10   | 3      | 17     | 0.3       | 3.3     | 0.72  | 94.2      | 33.2834 | 20.9449 |
| 2009 | 6     | 17  | 10   | 13     | 17     | 0.3       | 3.3     | 0.76  | 95.4      | 33.249  | 22.1834 |
| 2009 | 6     | 17  | 10   | 23     | 17     | 0.3       | 3.3     | 0.63  | 94.5      | 33.249  | 18.2115 |
| 2009 | 6     | 17  | 10   | 33     | 17     | 0.3       | 3.3     | 0.7   | 94.3      | 33.249  | 20.3414 |
| 2009 | 6     | 17  | 10   | 43     | 17     | 0.3       | 3.3     | 0.68  | 97        | 33.249  | 19.5665 |
| 2009 | 6     | 17  | 10   | 53     | 17     | 0.3       | 3.3     | 0.67  | 93.4      | 33.2834 | 19.4902 |
| 2009 | 6     | 17  | 11   | 3      | 17     | 0.3       | 3.3     | 0.65  | 94.3      | 33.249  | 18.9857 |
| 2009 | 6     | 17  | 11   | 13     | 17     | 0.3       | 3.3     | 0.7   | 94.6      | 33.2834 | 20.2659 |
| 2009 | 6     | 17  | 11   | 23     | 17     | 0.3       | 3.3     | 0.66  | 95.7      | 33.249  | 19.0825 |
| 2009 | 6     | 17  | 11   | 33     | 17     | 0.3       | 3.3     | 0.66  | 95.1      | 33.2834 | 19.1026 |
| 2009 | 6     | 17  | 11   | 43     | 17     | 0.3       | 3.3     | 0.7   | 91.4      | 33.2834 | 20.2659 |
| 2009 | 6     | 17  | 11   | 53     | 17     | 0.3       | 3.3     | 0.65  | 97.3      | 33.2834 | 18.6181 |
| 2009 | 6     | 17  | 12   | 3      | 17     | 0.3       | 3.3     | 0.69  | 94.6      | 33.2834 | 20.0719 |
| 2009 | 6     | 17  | 12   | 13     | 17     | 0.3       | 3.3     | 0.62  | 96.1      | 33.2834 | 17.8434 |
| 2009 | 6     | 17  | 12   | 23     | 17     | 0.3       | 3.3     | 0.66  | 90.9      | 33.2834 | 19.1995 |
| 2009 | 6     | 17  | 12   | 33     | 17     | 0.3       | 3.3     | 0.64  | 94.4      | 33.2834 | 18.715  |
| 2009 | 6     | 17  | 12   | 43     | 17     | 0.3       | 3.3     | 0.65  | 93.2      | 33.2834 | 18.9088 |
| 2009 | 6     | 17  | 12   | 53     | 17     | 0.3       | 3.3     | 0.67  | 92        | 33.2834 | 19.4902 |
| 2009 | 6     | 17  | 13   | 3      | 17     | 0.3       | 3.3     | 0.65  | 91.2      | 33.2834 | 18.8119 |
| 2009 | 6     | 17  | 13   | 13     | 17     | 0.3       | 3.3     | 0.66  | 94.9      | 33.2834 | 19.0057 |
| 2009 | 6     | 17  | 13   | 23     | 17     | 0.3       | 3.3     | 0.62  | 95.8      | 33.2834 | 17.8434 |
| 2009 | 6     | 17  | 13   | 33     | 17     | 0.3       | 3.3     | 0.72  | 93.9      | 33.2834 | 20.9449 |
| 2009 | 6     | 17  | 13   | 43     | 17     | 0.3       | 3.3     | 0.69  | 90        | 33.3178 | 19.996  |
| 2009 | 6     | 17  | 13   | 53     | 17     | 0.3       | 3.3     | 0.71  | 92.1      | 33.3178 | 20.7727 |
| 2009 | 6     | 17  | 14   | 3      | 17     | 0.3       | 3.3     | 0.65  | 94.7      | 33.3178 | 18.7347 |
| 2009 | 6     | 17  | 14   | 13     | 17     | 0.3       | 3.3     | 0.67  | 95.3      | 33.3178 | 19.5107 |
| 2009 | 6     | 17  | 14   | 23     | 17     | 0.3       | 3.3     | 0.7   | 94        | 33.3178 | 20.2872 |
| 2009 | 6     | 17  | 14   | 33     | 17     | 0.3       | 3.3     | 0.66  | 90        | 33.3178 | 19.1227 |
| 2009 | 6     | 17  | 14   | 43     | 17     | 0.3       | 3.3     | 0.65  | 92.9      | 33.3178 | 18.8317 |
| 2009 | 6     | 17  | 14   | 53     | 17     | 0.3       | 3.3     | 0.62  | 93        | 33.3178 | 18.153  |
| 2009 | 6     | 17  | 15   | 3      | 17     | 0.3       | 3.3     | 0.66  | 93.7      | 33.3178 | 19.1227 |
| 2009 | 6     | 17  | 15   | 13     | 17     | 0.3       | 3.3     | 0.67  | 91.4      | 33.3178 | 19.5107 |
| 2009 | 6     | 17  | 15   | 23     | 17     | 0.3       | 3.3     | 0.67  | 92.8      | 33.3178 | 19.4137 |
| 2009 | 6     | 17  | 15   | 33     | 17     | 0.3       | 3.3     | 0.66  | 93.1      | 33.3178 | 19.3167 |
| 2009 | 6     | 17  | 15   | 43     | 17     | 0.3       | 3.3     | 0.66  | 93.4      | 33.3178 | 19.2197 |
| 2009 | 6     | 17  | 15   | 53     | 17     | 0.3       | 3.3     | 0.62  | 94.9      | 33.3178 | 17.8622 |
| 2009 | 6     | 17  | 16   | 3      | 17     | 0.3       | 3.3     | 0.7   | 93.5      | 33.3178 | 20.4814 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 17  | 16   | 13     | 17     | 0.3       | 3.3     | 0.64  | 94.4      | 33.3178 | 18.5408 |
| 2009 | 6     | 17  | 16   | 23     | 17     | 0.3       | 3.3     | 0.68  | 91.7      | 33.3178 | 19.8018 |
| 2009 | 6     | 17  | 16   | 33     | 17     | 0.3       | 3.3     | 0.66  | 93.4      | 33.3178 | 19.1227 |
| 2009 | 6     | 17  | 16   | 43     | 17     | 0.3       | 3.3     | 0.67  | 93.9      | 33.3178 | 19.6078 |
| 2009 | 6     | 17  | 16   | 53     | 17     | 0.3       | 3.3     | 0.68  | 93        | 33.3178 | 19.8018 |
| 2009 | 6     | 17  | 17   | 3      | 17     | 0.3       | 3.3     | 0.68  | 92.8      | 33.3178 | 19.8018 |
| 2009 | 6     | 17  | 17   | 13     | 17     | 0.3       | 3.3     | 0.69  | 90.3      | 33.3178 | 20.093  |
| 2009 | 6     | 17  | 17   | 23     | 17     | 0.3       | 3.3     | 0.61  | 94        | 33.3178 | 17.5715 |
| 2009 | 6     | 17  | 17   | 33     | 17     | 0.3       | 3.3     | 0.66  | 94.8      | 33.2834 | 19.1995 |
| 2009 | 6     | 17  | 17   | 43     | 17     | 0.3       | 3.3     | 0.69  | 92.7      | 33.3178 | 20.1901 |
| 2009 | 6     | 17  | 17   | 53     | 17     | 0.3       | 3.3     | 0.65  | 94        | 33.3178 | 18.9287 |
| 2009 | 6     | 17  | 18   | 3      | 17     | 0.3       | 3.3     | 0.67  | 91.1      | 33.3178 | 19.4137 |
| 2009 | 6     | 17  | 18   | 13     | 17     | 0.3       | 3.3     | 0.72  | 93.2      | 33.3178 | 20.8698 |
| 2009 | 6     | 17  | 18   | 23     | 17     | 0.3       | 3.3     | 0.68  | 94.4      | 33.3178 | 19.7048 |
| 2009 | 6     | 17  | 18   | 33     | 17     | 0.3       | 3.3     | 0.68  | 97.2      | 33.3178 | 19.8018 |
| 2009 | 6     | 17  | 18   | 43     | 17     | 0.3       | 3.3     | 0.69  | 90.3      | 33.3178 | 20.093  |
| 2009 | 6     | 17  | 18   | 53     | 17     | 0.3       | 3.3     | 0.73  | 94.4      | 33.3178 | 21.1612 |
| 2009 | 6     | 17  | 19   | 3      | 17     | 0.3       | 3.3     | 0.67  | 91.4      | 33.3178 | 19.4137 |
| 2009 | 6     | 17  | 19   | 13     | 17     | 0.3       | 3.3     | 0.71  | 93.2      | 33.2834 | 20.5568 |
| 2009 | 6     | 17  | 19   | 23     | 17     | 0.3       | 3.3     | 0.74  | 93.3      | 33.2834 | 21.6242 |
| 2009 | 6     | 17  | 19   | 33     | 17     | 0.3       | 3.3     | 0.71  | 91.6      | 33.3178 | 20.5785 |
| 2009 | 6     | 17  | 19   | 43     | 17     | 0.3       | 3.3     | 0.71  | 90.8      | 33.2834 | 20.7509 |
| 2009 | 6     | 17  | 19   | 53     | 17     | 0.3       | 3.3     | 0.76  | 92.7      | 33.2834 | 22.2068 |
| 2009 | 6     | 17  | 20   | 3      | 17     | 0.3       | 3.3     | 0.69  | 90.8      | 33.2834 | 19.9749 |
| 2009 | 6     | 17  | 20   | 13     | 17     | 0.3       | 3.3     | 0.71  | 92.9      | 33.3178 | 20.5785 |
| 2009 | 6     | 17  | 20   | 23     | 17     | 0.3       | 3.3     | 0.69  | 94.6      | 33.2834 | 20.1689 |
| 2009 | 6     | 17  | 20   | 33     | 17     | 0.3       | 3.3     | 0.67  | 93.4      | 33.2834 | 19.5871 |
| 2009 | 6     | 17  | 20   | 43     | 17     | 0.3       | 3.3     | 0.68  | 97.2      | 33.2834 | 19.6841 |
| 2009 | 6     | 17  | 20   | 53     | 17     | 0.3       | 3.3     | 0.72  | 92.9      | 33.2834 | 20.9449 |
| 2009 | 6     | 17  | 21   | 3      | 17     | 0.3       | 3.3     | 0.64  | 97.7      | 33.2834 | 18.3276 |
| 2009 | 6     | 17  | 21   | 13     | 17     | 0.3       | 3.3     | 0.73  | 94.1      | 33.2834 | 21.139  |
| 2009 | 6     | 17  | 21   | 23     | 17     | 0.3       | 3.3     | 0.71  | 92.7      | 33.3178 | 20.5785 |
| 2009 | 6     | 17  | 21   | 33     | 17     | 0.3       | 3.3     | 0.77  | 95.1      | 33.3178 | 22.4242 |
| 2009 | 6     | 17  | 21   | 43     | 17     | 0.3       | 3.3     | 0.68  | 91.7      | 33.3178 | 19.7048 |
| 2009 | 6     | 17  | 21   | 53     | 17     | 0.3       | 3.3     | 0.69  | 94.6      | 33.3178 | 20.1901 |
| 2009 | 6     | 17  | 22   | 3      | 17     | 0.3       | 3.3     | 0.73  | 92.6      | 33.3178 | 21.1612 |
| 2009 | 6     | 17  | 22   | 13     | 17     | 0.3       | 3.3     | 0.69  | 94.6      | 33.2834 | 20.1689 |
| 2009 | 6     | 17  | 22   | 23     | 17     | 0.3       | 3.3     | 0.67  | 91.4      | 33.2834 | 19.3933 |
| 2009 | 6     | 17  | 22   | 33     | 17     | 0.3       | 3.3     | 0.74  | 93.6      | 33.3178 | 21.4527 |
| 2009 | 6     | 17  | 22   | 43     | 17     | 0.3       | 3.3     | 0.68  | 93        | 33.2834 | 19.781  |
| 2009 | 6     | 17  | 22   | 53     | 17     | 0.3       | 3.3     | 0.73  | 94.6      | 33.2834 | 21.236  |
| 2009 | 6     | 17  | 23   | 3      | 17     | 0.3       | 3.3     | 0.7   | 94.3      | 33.249  | 20.4383 |
| 2009 | 6     | 17  | 23   | 13     | 17     | 0.3       | 3.3     | 0.77  | 92.2      | 33.2834 | 22.5944 |
| 2009 | 6     | 17  | 23   | 23     | 17     | 0.3       | 3.3     | 0.65  | 96.1      | 33.2834 | 18.8119 |
| 2009 | 6     | 17  | 23   | 33     | 17     | 0.3       | 3.3     | 0.69  | 92.4      | 33.2834 | 20.1689 |
| 2009 | 6     | 17  | 23   | 43     | 17     | 0.3       | 3.3     | 0.67  | 95.6      | 33.2834 | 19.3933 |
| 2009 | 6     | 17  | 23   | 53     | 17     | 0.3       | 3.3     | 0.69  | 94.3      | 33.2834 | 20.1689 |
| 2009 | 6     | 18  | 0    | 3      | 17     | 0.3       | 3.3     | 0.71  | 94        | 33.2834 | 20.7509 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 18  | 0    | 13     | 17     | 0.3       | 3.3     | 0.7   | 94        | 33.2834 | 20.4598 |
| 2009 | 6     | 18  | 0    | 23     | 17     | 0.3       | 3.3     | 0.74  | 89.5      | 33.2834 | 21.6242 |
| 2009 | 6     | 18  | 0    | 33     | 17     | 0.3       | 3.3     | 0.72  | 91.6      | 33.249  | 20.9229 |
| 2009 | 6     | 18  | 0    | 43     | 17     | 0.3       | 3.3     | 0.66  | 94.3      | 33.249  | 19.1793 |
| 2009 | 6     | 18  | 0    | 53     | 17     | 0.3       | 3.3     | 0.74  | 92.5      | 33.249  | 21.6015 |
| 2009 | 6     | 18  | 1    | 3      | 17     | 0.3       | 3.3     | 0.73  | 90        | 33.249  | 21.2137 |
| 2009 | 6     | 18  | 1    | 13     | 17     | 0.3       | 3.3     | 0.7   | 95.7      | 33.249  | 20.2445 |
| 2009 | 6     | 18  | 1    | 23     | 17     | 0.3       | 3.3     | 0.75  | 93.3      | 33.249  | 21.6985 |
| 2009 | 6     | 18  | 1    | 33     | 17     | 0.3       | 3.3     | 0.7   | 94        | 33.249  | 20.3414 |
| 2009 | 6     | 18  | 1    | 43     | 17     | 0.3       | 3.3     | 0.78  | 93.6      | 33.249  | 22.5707 |
| 2009 | 6     | 18  | 1    | 53     | 17     | 0.3       | 3.3     | 0.7   | 94        | 33.249  | 20.3414 |
| 2009 | 6     | 18  | 2    | 3      | 17     | 0.3       | 3.3     | 0.71  | 92.9      | 33.249  | 20.729  |
| 2009 | 6     | 18  | 2    | 13     | 17     | 0.3       | 3.3     | 0.71  | 94        | 33.249  | 20.6321 |
| 2009 | 6     | 18  | 2    | 23     | 17     | 0.3       | 3.3     | 0.71  | 92.1      | 33.249  | 20.5352 |
| 2009 | 6     | 18  | 2    | 33     | 17     | 0.3       | 3.3     | 0.66  | 94.2      | 33.249  | 19.2761 |
| 2009 | 6     | 18  | 2    | 43     | 17     | 0.3       | 3.3     | 0.73  | 92.1      | 33.249  | 21.2137 |
| 2009 | 6     | 18  | 2    | 53     | 17     | 0.3       | 3.3     | 0.73  | 90.8      | 33.249  | 21.3106 |
| 2009 | 6     | 18  | 3    | 3      | 17     | 0.3       | 3.3     | 0.67  | 93.4      | 33.249  | 19.3729 |
| 2009 | 6     | 18  | 3    | 13     | 17     | 0.3       | 3.3     | 0.67  | 95.3      | 33.2834 | 19.4902 |
| 2009 | 6     | 18  | 3    | 23     | 17     | 0.3       | 3.3     | 0.7   | 94.6      | 33.249  | 20.2445 |
| 2009 | 6     | 18  | 3    | 33     | 17     | 0.3       | 3.3     | 0.75  | 93.8      | 33.2834 | 21.8184 |
| 2009 | 6     | 18  | 3    | 43     | 17     | 0.3       | 3.3     | 0.72  | 95        | 33.249  | 20.9229 |
| 2009 | 6     | 18  | 3    | 53     | 17     | 0.3       | 3.3     | 0.72  | 94.2      | 33.249  | 20.8259 |
| 2009 | 6     | 18  | 4    | 3      | 17     | 0.3       | 3.3     | 0.74  | 94.1      | 33.249  | 21.5045 |
| 2009 | 6     | 18  | 4    | 13     | 17     | 0.3       | 3.3     | 0.73  | 90        | 33.249  | 21.1167 |
| 2009 | 6     | 18  | 4    | 23     | 17     | 0.3       | 3.3     | 0.61  | 96.5      | 33.249  | 17.6313 |
| 2009 | 6     | 18  | 4    | 33     | 17     | 0.3       | 3.3     | 0.69  | 93        | 33.2834 | 20.0719 |
| 2009 | 6     | 18  | 4    | 43     | 17     | 0.3       | 3.3     | 0.75  | 95.3      | 33.249  | 21.6985 |
| 2009 | 6     | 18  | 4    | 53     | 17     | 0.3       | 3.3     | 0.67  | 95.1      | 33.249  | 19.2761 |
| 2009 | 6     | 18  | 5    | 3      | 17     | 0.3       | 3.3     | 0.69  | 94.1      | 33.2834 | 20.0719 |
| 2009 | 6     | 18  | 5    | 13     | 17     | 0.3       | 3.3     | 0.71  | 94.5      | 33.2834 | 20.6538 |
| 2009 | 6     | 18  | 5    | 23     | 17     | 0.3       | 3.3     | 0.67  | 93.4      | 33.2834 | 19.4902 |
| 2009 | 6     | 18  | 5    | 33     | 17     | 0.3       | 3.3     | 0.69  | 92.4      | 33.2834 | 20.1689 |
| 2009 | 6     | 18  | 5    | 43     | 17     | 0.3       | 3.3     | 0.73  | 94.1      | 33.2834 | 21.3331 |
| 2009 | 6     | 18  | 5    | 53     | 17     | 0.3       | 3.3     | 0.71  | 90        | 33.2834 | 20.5568 |
| 2009 | 6     | 18  | 6    | 3      | 17     | 0.3       | 3.3     | 0.75  | 92        | 33.2834 | 21.7213 |
| 2009 | 6     | 18  | 6    | 13     | 17     | 0.3       | 3.3     | 0.67  | 95.4      | 33.2834 | 19.2964 |
| 2009 | 6     | 18  | 6    | 23     | 17     | 0.3       | 3.3     | 0.66  | 96.2      | 33.2834 | 19.1995 |
| 2009 | 6     | 18  | 6    | 33     | 17     | 0.3       | 3.3     | 0.71  | 94        | 33.2834 | 20.5568 |
| 2009 | 6     | 18  | 6    | 43     | 17     | 0.3       | 3.3     | 0.69  | 93.3      | 33.2834 | 19.9749 |
| 2009 | 6     | 18  | 6    | 53     | 17     | 0.3       | 3.3     | 0.72  | 94.2      | 33.2834 | 21.0419 |
| 2009 | 6     | 18  | 7    | 3      | 17     | 0.3       | 3.3     | 0.73  | 91.5      | 33.2834 | 21.236  |
| 2009 | 6     | 18  | 7    | 13     | 17     | 0.3       | 3.3     | 0.66  | 93.7      | 33.2834 | 19.1026 |
| 2009 | 6     | 18  | 7    | 23     | 17     | 0.3       | 3.3     | 0.64  | 93.5      | 33.2834 | 18.5213 |
| 2009 | 6     | 18  | 7    | 33     | 17     | 0.3       | 3.3     | 0.71  | 97.2      | 33.2834 | 20.4598 |
| 2009 | 6     | 18  | 7    | 43     | 17     | 0.3       | 3.3     | 0.68  | 90        | 33.2834 | 19.6841 |
| 2009 | 6     | 18  | 7    | 53     | 17     | 0.3       | 3.3     | 0.7   | 93.2      | 33.2834 | 20.2659 |
| 2009 | 6     | 18  | 8    | 3      | 17     | 0.3       | 3.3     | 0.69  | 92.7      | 33.2834 | 19.9749 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 18  | 8    | 13     | 17     | 0.3       | 3.3     | 0.69  | 93.3      | 33.2834 | 20.1689 |
| 2009 | 6     | 18  | 8    | 23     | 17     | 0.3       | 3.3     | 0.64  | 94.4      | 33.2834 | 18.715  |
| 2009 | 6     | 18  | 8    | 33     | 17     | 0.3       | 3.3     | 0.68  | 94.4      | 33.2834 | 19.878  |
| 2009 | 6     | 18  | 8    | 43     | 17     | 0.3       | 3.3     | 0.72  | 93.4      | 33.2834 | 21.0419 |
| 2009 | 6     | 18  | 8    | 53     | 17     | 0.3       | 3.3     | 0.65  | 96.4      | 33.2834 | 18.8119 |
| 2009 | 6     | 18  | 9    | 3      | 17     | 0.3       | 3.3     | 0.74  | 95.6      | 33.2834 | 21.6242 |
| 2009 | 6     | 18  | 9    | 13     | 17     | 0.3       | 3.3     | 0.67  | 93.6      | 33.2834 | 19.5871 |
| 2009 | 6     | 18  | 9    | 23     | 17     | 0.3       | 3.3     | 0.7   | 93        | 33.2834 | 20.2659 |
| 2009 | 6     | 18  | 9    | 33     | 17     | 0.3       | 3.3     | 0.7   | 93.7      | 33.2834 | 20.4598 |
| 2009 | 6     | 18  | 9    | 43     | 17     | 0.3       | 3.3     | 0.6   | 98.8      | 33.2834 | 17.2627 |
| 2009 | 6     | 18  | 9    | 53     | 17     | 0.3       | 3.3     | 0.65  | 94.4      | 33.2834 | 18.8119 |
| 2009 | 6     | 18  | 10   | 3      | 17     | 0.3       | 3.3     | 0.63  | 96.2      | 33.2834 | 18.3276 |
| 2009 | 6     | 18  | 10   | 13     | 17     | 0.3       | 3.3     | 0.68  | 96.1      | 33.2834 | 19.6841 |
| 2009 | 6     | 18  | 10   | 23     | 17     | 0.3       | 3.3     | 0.71  | 94.8      | 33.2834 | 20.5568 |
| 2009 | 6     | 18  | 10   | 33     | 17     | 0.3       | 3.3     | 0.67  | 95.1      | 33.2834 | 19.2964 |
| 2009 | 6     | 18  | 10   | 43     | 17     | 0.3       | 3.3     | 0.67  | 92.3      | 33.2834 | 19.3933 |
| 2009 | 6     | 18  | 10   | 53     | 17     | 0.3       | 3.3     | 0.66  | 96        | 33.2834 | 19.1026 |
| 2009 | 6     | 18  | 11   | 3      | 17     | 0.3       | 3.3     | 0.68  | 92.8      | 33.2834 | 19.878  |
| 2009 | 6     | 18  | 11   | 13     | 17     | 0.3       | 3.3     | 0.76  | 90.5      | 33.2834 | 22.3039 |
| 2009 | 6     | 18  | 11   | 23     | 17     | 0.3       | 3.3     | 0.7   | 91.3      | 33.2834 | 20.4598 |
| 2009 | 6     | 18  | 11   | 33     | 17     | 0.3       | 3.3     | 0.63  | 91.8      | 33.2834 | 18.3276 |
| 2009 | 6     | 18  | 11   | 43     | 17     | 0.3       | 3.3     | 0.67  | 93.9      | 33.2834 | 19.4902 |
| 2009 | 6     | 18  | 11   | 53     | 17     | 0.3       | 3.3     | 0.66  | 95.2      | 33.2834 | 19.0057 |
| 2009 | 6     | 18  | 12   | 3      | 17     | 0.3       | 3.3     | 0.63  | 93.6      | 33.2834 | 18.2307 |
| 2009 | 6     | 18  | 12   | 13     | 17     | 0.3       | 3.3     | 0.68  | 95.3      | 33.2834 | 19.6841 |
| 2009 | 6     | 18  | 12   | 23     | 17     | 0.3       | 3.3     | 0.66  | 92.8      | 33.2834 | 19.2964 |
| 2009 | 6     | 18  | 12   | 33     | 17     | 0.3       | 3.3     | 0.67  | 92.5      | 33.2834 | 19.5871 |
| 2009 | 6     | 18  | 12   | 43     | 17     | 0.3       | 3.3     | 0.65  | 94.6      | 33.2834 | 18.9088 |
| 2009 | 6     | 18  | 12   | 53     | 17     | 0.3       | 3.3     | 0.59  | 95.1      | 33.2834 | 17.0692 |
| 2009 | 6     | 18  | 13   | 3      | 17     | 0.3       | 3.3     | 0.62  | 93.3      | 33.249  | 18.0181 |
| 2009 | 6     | 18  | 13   | 13     | 17     | 0.3       | 3.3     | 0.64  | 89.4      | 33.249  | 18.5985 |
| 2009 | 6     | 18  | 13   | 23     | 17     | 0.3       | 3.3     | 0.66  | 94.6      | 33.249  | 19.1793 |
| 2009 | 6     | 18  | 13   | 33     | 17     | 0.3       | 3.3     | 0.64  | 95.9      | 33.249  | 18.5018 |
| 2009 | 6     | 18  | 13   | 43     | 17     | 0.3       | 3.3     | 0.73  | 91.3      | 33.249  | 21.2137 |
| 2009 | 6     | 18  | 13   | 53     | 17     | 0.3       | 3.3     | 0.59  | 94.1      | 33.249  | 17.1479 |
| 2009 | 6     | 18  | 14   | 3      | 17     | 0.3       | 3.3     | 0.66  | 92.6      | 33.249  | 19.0825 |
| 2009 | 6     | 18  | 14   | 13     | 17     | 0.3       | 3.3     | 0.64  | 93.2      | 33.249  | 18.5018 |
| 2009 | 6     | 18  | 14   | 23     | 17     | 0.3       | 3.3     | 0.73  | 90.3      | 33.2146 | 21.2882 |
| 2009 | 6     | 18  | 14   | 33     | 17     | 0.3       | 3.3     | 0.66  | 94.5      | 33.2146 | 19.2558 |
| 2009 | 6     | 18  | 14   | 43     | 17     | 0.3       | 3.3     | 0.62  | 96.4      | 33.2146 | 17.8059 |
| 2009 | 6     | 18  | 14   | 53     | 17     | 0.3       | 3.3     | 0.7   | 90        | 33.2146 | 20.2232 |
| 2009 | 6     | 18  | 15   | 3      | 17     | 0.3       | 3.3     | 0.61  | 94.3      | 33.2146 | 17.6127 |
| 2009 | 6     | 18  | 15   | 13     | 17     | 0.3       | 3.3     | 0.67  | 93.9      | 33.2146 | 19.5459 |
| 2009 | 6     | 18  | 15   | 23     | 17     | 0.3       | 3.3     | 0.63  | 94.1      | 33.249  | 18.405  |
| 2009 | 6     | 18  | 15   | 33     | 17     | 0.3       | 3.3     | 0.57  | 95.3      | 33.249  | 16.5681 |
| 2009 | 6     | 18  | 15   | 43     | 17     | 0.3       | 3.3     | 0.64  | 93.2      | 33.2146 | 18.6756 |
| 2009 | 6     | 18  | 15   | 53     | 17     | 0.3       | 3.3     | 0.63  | 93.6      | 33.2146 | 18.289  |
| 2009 | 6     | 18  | 16   | 3      | 17     | 0.3       | 3.3     | 0.67  | 91.7      | 33.2146 | 19.3525 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 18  | 16   | 13     | 17     | 0.3       | 3.3     | 0.68  | 92.8      | 33.249  | 19.7602 |
| 2009 | 6     | 18  | 16   | 23     | 17     | 0.3       | 3.3     | 0.66  | 92.9      | 33.249  | 19.0825 |
| 2009 | 6     | 18  | 16   | 33     | 17     | 0.3       | 3.3     | 0.68  | 94.1      | 33.249  | 19.8571 |
| 2009 | 6     | 18  | 16   | 43     | 17     | 0.3       | 3.3     | 0.63  | 93.6      | 33.249  | 18.405  |
| 2009 | 6     | 18  | 16   | 53     | 17     | 0.3       | 3.3     | 0.69  | 92.5      | 33.249  | 20.0508 |
| 2009 | 6     | 18  | 17   | 3      | 17     | 0.3       | 3.3     | 0.69  | 92.7      | 33.249  | 19.9539 |
| 2009 | 6     | 18  | 17   | 13     | 17     | 0.3       | 3.3     | 0.68  | 95        | 33.249  | 19.6634 |
| 2009 | 6     | 18  | 17   | 23     | 17     | 0.3       | 3.3     | 0.61  | 94.6      | 33.2834 | 17.7466 |
| 2009 | 6     | 18  | 17   | 33     | 17     | 0.3       | 3.3     | 0.65  | 92.6      | 33.3178 | 18.8317 |
| 2009 | 6     | 18  | 17   | 43     | 17     | 0.3       | 3.3     | 0.71  | 91.9      | 33.2834 | 20.5568 |
| 2009 | 6     | 18  | 17   | 53     | 17     | 0.3       | 3.3     | 0.67  | 91.7      | 33.2834 | 19.3933 |
| 2009 | 6     | 18  | 18   | 3      | 17     | 0.3       | 3.3     | 0.68  | 93.6      | 33.3178 | 19.8989 |
| 2009 | 6     | 18  | 18   | 13     | 17     | 0.3       | 3.3     | 0.64  | 92.3      | 33.3178 | 18.7347 |
| 2009 | 6     | 18  | 18   | 23     | 17     | 0.3       | 3.3     | 0.63  | 95.1      | 33.3178 | 18.3469 |
| 2009 | 6     | 18  | 18   | 33     | 17     | 0.3       | 3.3     | 0.67  | 93.1      | 33.3522 | 19.5312 |
| 2009 | 6     | 18  | 18   | 43     | 17     | 0.3       | 3.3     | 0.68  | 95        | 33.3522 | 19.6284 |
| 2009 | 6     | 18  | 18   | 53     | 17     | 0.3       | 3.3     | 0.59  | 94.8      | 33.3865 | 17.1231 |
| 2009 | 6     | 18  | 19   | 3      | 17     | 0.3       | 3.3     | 0.69  | 94.4      | 33.3865 | 20.038  |
| 2009 | 6     | 18  | 19   | 13     | 17     | 0.3       | 3.3     | 0.65  | 91.4      | 33.3865 | 18.9685 |
| 2009 | 6     | 18  | 19   | 23     | 17     | 0.3       | 3.3     | 0.67  | 93.1      | 33.3865 | 19.649  |
| 2009 | 6     | 18  | 19   | 33     | 17     | 0.3       | 3.3     | 0.75  | 92.3      | 33.4209 | 21.8127 |
| 2009 | 6     | 18  | 19   | 43     | 17     | 0.3       | 3.3     | 0.66  | 94.3      | 33.4209 | 19.183  |
| 2009 | 6     | 18  | 19   | 53     | 17     | 0.3       | 3.3     | 0.72  | 95.2      | 33.4553 | 21.1526 |
| 2009 | 6     | 18  | 20   | 3      | 17     | 0.3       | 3.3     | 0.77  | 91        | 33.4553 | 22.713  |
| 2009 | 6     | 18  | 20   | 13     | 17     | 0.3       | 3.3     | 0.68  | 93.1      | 33.4553 | 19.7876 |
| 2009 | 6     | 18  | 20   | 23     | 17     | 0.3       | 3.3     | 0.67  | 91.4      | 33.4897 | 19.5157 |
| 2009 | 6     | 18  | 20   | 33     | 17     | 0.3       | 3.3     | 0.69  | 91.6      | 33.4897 | 20.101  |
| 2009 | 6     | 18  | 20   | 43     | 17     | 0.3       | 3.3     | 0.74  | 93.6      | 33.4897 | 21.5654 |
| 2009 | 6     | 18  | 20   | 53     | 17     | 0.3       | 3.3     | 0.69  | 94.4      | 33.4897 | 20.1986 |
| 2009 | 6     | 18  | 21   | 3      | 17     | 0.3       | 3.3     | 0.72  | 94.2      | 33.4897 | 21.1748 |
| 2009 | 6     | 18  | 21   | 13     | 17     | 0.3       | 3.3     | 0.74  | 92.5      | 33.4897 | 21.7607 |
| 2009 | 6     | 18  | 21   | 23     | 17     | 0.3       | 3.3     | 0.79  | 91.7      | 33.4897 | 23.2241 |
| 2009 | 6     | 18  | 21   | 33     | 17     | 0.3       | 3.3     | 0.7   | 92.4      | 33.4897 | 20.3938 |
| 2009 | 6     | 18  | 21   | 43     | 17     | 0.3       | 3.3     | 0.72  | 92.9      | 33.524  | 21.0014 |
| 2009 | 6     | 18  | 21   | 53     | 17     | 0.3       | 3.3     | 0.73  | 91.3      | 33.524  | 21.4902 |
| 2009 | 6     | 18  | 22   | 3      | 17     | 0.3       | 3.3     | 0.73  | 92.3      | 33.524  | 21.3924 |
| 2009 | 6     | 18  | 22   | 13     | 17     | 0.3       | 3.3     | 0.73  | 89.5      | 33.524  | 21.3924 |
| 2009 | 6     | 18  | 22   | 23     | 17     | 0.3       | 3.3     | 0.72  | 91        | 33.524  | 21.0991 |
| 2009 | 6     | 18  | 22   | 33     | 17     | 0.3       | 3.3     | 0.73  | 90.5      | 33.524  | 21.3924 |
| 2009 | 6     | 18  | 22   | 43     | 17     | 0.3       | 3.3     | 0.74  | 92        | 33.524  | 21.7835 |
| 2009 | 6     | 18  | 22   | 53     | 17     | 0.3       | 3.3     | 0.71  | 93.7      | 33.5584 | 20.9255 |
| 2009 | 6     | 18  | 23   | 3      | 17     | 0.3       | 3.3     | 0.76  | 91.5      | 33.524  | 22.2725 |
| 2009 | 6     | 18  | 23   | 13     | 17     | 0.3       | 3.3     | 0.7   | 92.1      | 33.5584 | 20.632  |
| 2009 | 6     | 18  | 23   | 23     | 17     | 0.3       | 3.3     | 0.73  | 95.1      | 33.5584 | 21.5126 |
| 2009 | 6     | 18  | 23   | 33     | 17     | 0.3       | 3.3     | 0.73  | 91        | 33.5584 | 21.4147 |
| 2009 | 6     | 18  | 23   | 43     | 17     | 0.3       | 3.3     | 0.72  | 92.6      | 33.5584 | 21.0233 |
| 2009 | 6     | 18  | 23   | 53     | 17     | 0.3       | 3.3     | 0.69  | 97.6      | 33.5584 | 20.1431 |
| 2009 | 6     | 19  | 0    | 3      | 17     | 0.3       | 3.3     | 0.77  | 89        | 33.5584 | 22.6865 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 19  | 0    | 13     | 17     | 0.3       | 3.3     | 0.74  | 92.6      | 33.5928 | 21.633  |
| 2009 | 6     | 19  | 0    | 23     | 17     | 0.3       | 3.3     | 0.72  | 90.8      | 33.5928 | 21.1432 |
| 2009 | 6     | 19  | 0    | 33     | 17     | 0.3       | 3.3     | 0.71  | 93.2      | 33.5928 | 20.9473 |
| 2009 | 6     | 19  | 0    | 43     | 17     | 0.3       | 3.3     | 0.77  | 93.4      | 33.5928 | 22.7101 |
| 2009 | 6     | 19  | 0    | 53     | 17     | 0.3       | 3.3     | 0.76  | 92        | 33.6272 | 22.538  |
| 2009 | 6     | 19  | 1    | 3      | 17     | 0.3       | 3.3     | 0.74  | 92.5      | 33.6615 | 21.7763 |
| 2009 | 6     | 19  | 1    | 13     | 17     | 0.3       | 3.3     | 0.71  | 91.6      | 33.6959 | 20.9146 |
| 2009 | 6     | 19  | 1    | 23     | 17     | 0.3       | 3.3     | 0.71  | 92.9      | 33.7303 | 20.9363 |
| 2009 | 6     | 19  | 1    | 33     | 17     | 0.3       | 3.3     | 0.72  | 94.5      | 33.7646 | 21.1549 |
| 2009 | 6     | 19  | 1    | 43     | 17     | 0.3       | 3.3     | 0.72  | 93.4      | 33.7646 | 21.2534 |
| 2009 | 6     | 19  | 1    | 53     | 17     | 0.3       | 3.3     | 0.8   | 92.4      | 33.7646 | 23.6145 |
| 2009 | 6     | 19  | 2    | 3      | 17     | 0.3       | 3.3     | 0.71  | 90        | 33.799  | 20.8812 |
| 2009 | 6     | 19  | 2    | 13     | 17     | 0.3       | 3.3     | 0.8   | 91.2      | 33.799  | 23.6389 |
| 2009 | 6     | 19  | 2    | 23     | 17     | 0.3       | 3.3     | 0.78  | 92.4      | 33.799  | 23.0485 |
| 2009 | 6     | 19  | 2    | 33     | 17     | 0.3       | 3.3     | 0.73  | 94.1      | 33.8333 | 21.6921 |
| 2009 | 6     | 19  | 2    | 43     | 17     | 0.3       | 3.3     | 0.76  | 92.2      | 33.8333 | 22.58   |
| 2009 | 6     | 19  | 2    | 53     | 17     | 0.3       | 3.3     | 0.72  | 89.5      | 33.8333 | 21.3961 |
| 2009 | 6     | 19  | 3    | 3      | 17     | 0.3       | 3.3     | 0.75  | 92.8      | 33.8333 | 22.2843 |
| 2009 | 6     | 19  | 3    | 13     | 17     | 0.3       | 3.3     | 0.72  | 91.3      | 33.8333 | 21.1988 |
| 2009 | 6     | 19  | 3    | 23     | 17     | 0.3       | 3.3     | 0.78  | 91.9      | 33.8333 | 23.2693 |
| 2009 | 6     | 19  | 3    | 33     | 17     | 0.3       | 3.3     | 0.76  | 90        | 33.8333 | 22.6784 |
| 2009 | 6     | 19  | 3    | 43     | 17     | 0.3       | 3.3     | 0.76  | 93.7      | 33.8677 | 22.4061 |
| 2009 | 6     | 19  | 3    | 53     | 17     | 0.3       | 3.3     | 0.77  | 91        | 33.8677 | 22.899  |
| 2009 | 6     | 19  | 4    | 3      | 17     | 0.3       | 3.3     | 0.77  | 90.5      | 33.8677 | 22.9976 |
| 2009 | 6     | 19  | 4    | 13     | 17     | 0.3       | 3.3     | 0.74  | 92        | 33.8677 | 21.8133 |
| 2009 | 6     | 19  | 4    | 23     | 17     | 0.3       | 3.3     | 0.75  | 89.5      | 33.902  | 22.2315 |
| 2009 | 6     | 19  | 4    | 33     | 17     | 0.3       | 3.3     | 0.77  | 94.2      | 33.902  | 22.7252 |
| 2009 | 6     | 19  | 4    | 43     | 17     | 0.3       | 3.3     | 0.76  | 91.5      | 33.902  | 22.6266 |
| 2009 | 6     | 19  | 4    | 53     | 17     | 0.3       | 3.3     | 0.67  | 93.1      | 33.902  | 19.958  |
| 2009 | 6     | 19  | 5    | 3      | 17     | 0.3       | 3.3     | 0.7   | 94        | 33.9364 | 20.6709 |
| 2009 | 6     | 19  | 5    | 13     | 17     | 0.3       | 3.3     | 0.79  | 91.7      | 33.9707 | 23.4643 |
| 2009 | 6     | 19  | 5    | 23     | 17     | 0.3       | 3.3     | 0.77  | 92.7      | 34.0051 | 22.9934 |
| 2009 | 6     | 19  | 5    | 33     | 17     | 0.3       | 3.3     | 0.71  | 93.2      | 34.0051 | 21.1101 |
| 2009 | 6     | 19  | 5    | 43     | 17     | 0.3       | 3.3     | 0.76  | 90        | 34.0394 | 22.6207 |
| 2009 | 6     | 19  | 5    | 53     | 17     | 0.3       | 3.3     | 0.74  | 89.7      | 34.0738 | 22.0479 |
| 2009 | 6     | 19  | 6    | 3      | 17     | 0.3       | 3.3     | 0.77  | 91.2      | 34.1081 | 22.9649 |
| 2009 | 6     | 19  | 6    | 13     | 17     | 0.3       | 3.3     | 0.74  | 90        | 34.1081 | 22.1701 |
| 2009 | 6     | 19  | 6    | 23     | 17     | 0.3       | 3.6     | 0.76  | 92.7      | 34.1424 | 22.7896 |
| 2009 | 6     | 19  | 6    | 33     | 17     | 0.3       | 3.6     | 0.77  | 90        | 34.1424 | 22.9884 |
| 2009 | 6     | 19  | 6    | 43     | 17     | 0.3       | 3.6     | 0.71  | 94.2      | 34.1768 | 21.3183 |
| 2009 | 6     | 19  | 6    | 53     | 17     | 0.3       | 3.6     | 0.72  | 92.6      | 34.1768 | 21.5176 |
| 2009 | 6     | 19  | 7    | 3      | 17     | 0.3       | 3.6     | 0.7   | 91.9      | 34.1768 | 20.9197 |
| 2009 | 6     | 19  | 7    | 13     | 17     | 0.3       | 3.6     | 0.73  | 90.5      | 34.1768 | 21.717  |
| 2009 | 6     | 19  | 7    | 23     | 17     | 0.3       | 3.6     | 0.68  | 95.8      | 34.1768 | 20.322  |
| 2009 | 6     | 19  | 7    | 33     | 17     | 0.3       | 3.6     | 0.67  | 94.8      | 34.1768 | 20.0232 |
| 2009 | 6     | 19  | 7    | 43     | 17     | 0.3       | 3.6     | 0.7   | 91.1      | 34.2111 | 21.0408 |
| 2009 | 6     | 19  | 7    | 53     | 17     | 0.3       | 3.6     | 0.77  | 90.2      | 34.2111 | 23.0354 |
| 2009 | 6     | 19  | 8    | 3      | 17     | 0.3       | 3.6     | 0.67  | 92.5      | 34.2111 | 19.944  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 19  | 8    | 13     | 17     | 0.3       | 3.6     | 0.71  | 92.7      | 34.2454 | 21.2621 |
| 2009 | 6     | 19  | 8    | 23     | 17     | 0.3       | 3.6     | 0.75  | 89.3      | 34.2454 | 22.6601 |
| 2009 | 6     | 19  | 8    | 33     | 17     | 0.3       | 3.6     | 0.69  | 91.9      | 34.2454 | 20.7628 |
| 2009 | 6     | 19  | 8    | 43     | 17     | 0.3       | 3.6     | 0.69  | 94.4      | 34.2454 | 20.663  |
| 2009 | 6     | 19  | 8    | 53     | 17     | 0.3       | 3.6     | 0.7   | 94.6      | 34.2797 | 20.9839 |
| 2009 | 6     | 19  | 9    | 3      | 17     | 0.3       | 3.6     | 0.69  | 93        | 34.2797 | 20.5842 |
| 2009 | 6     | 19  | 9    | 13     | 17     | 0.3       | 3.6     | 0.66  | 97.4      | 34.2797 | 19.5854 |
| 2009 | 6     | 19  | 9    | 23     | 17     | 0.3       | 3.6     | 0.73  | 93.6      | 34.2797 | 21.7837 |
| 2009 | 6     | 19  | 9    | 33     | 17     | 0.3       | 3.6     | 0.69  | 92.5      | 34.3141 | 20.6052 |
| 2009 | 6     | 19  | 9    | 43     | 17     | 0.3       | 3.6     | 0.69  | 94.4      | 34.3141 | 20.6052 |
| 2009 | 6     | 19  | 9    | 53     | 17     | 0.3       | 3.6     | 0.7   | 92.4      | 34.3141 | 21.0053 |
| 2009 | 6     | 19  | 10   | 3      | 17     | 0.3       | 3.6     | 0.71  | 91.3      | 34.3484 | 21.4274 |
| 2009 | 6     | 19  | 10   | 13     | 17     | 0.3       | 3.6     | 0.75  | 90.8      | 34.3484 | 22.6294 |
| 2009 | 6     | 19  | 10   | 23     | 17     | 0.3       | 3.6     | 0.73  | 91.8      | 34.3827 | 22.0509 |
| 2009 | 6     | 19  | 10   | 33     | 17     | 0.3       | 3.6     | 0.7   | 91.4      | 34.3827 | 20.9479 |
| 2009 | 6     | 19  | 10   | 43     | 17     | 0.3       | 3.6     | 0.7   | 91.6      | 34.417  | 20.9692 |
| 2009 | 6     | 19  | 10   | 53     | 17     | 0.3       | 3.6     | 0.73  | 91.3      | 34.417  | 22.0734 |
| 2009 | 6     | 19  | 11   | 3      | 17     | 0.3       | 3.6     | 0.62  | 93        | 34.4513 | 18.6821 |
| 2009 | 6     | 19  | 11   | 13     | 17     | 0.3       | 3.6     | 0.7   | 91.4      | 34.4513 | 20.9905 |
| 2009 | 6     | 19  | 11   | 23     | 17     | 0.3       | 3.6     | 0.71  | 90.8      | 34.4856 | 21.414  |
| 2009 | 6     | 19  | 11   | 33     | 17     | 0.3       | 3.6     | 0.69  | 90.3      | 34.5199 | 20.7311 |
| 2009 | 6     | 19  | 11   | 43     | 17     | 0.3       | 3.6     | 0.76  | 89.8      | 34.5199 | 22.9453 |
| 2009 | 6     | 19  | 11   | 53     | 17     | 0.3       | 3.6     | 0.69  | 93.3      | 34.5199 | 20.8318 |
| 2009 | 6     | 19  | 12   | 3      | 17     | 0.3       | 3.6     | 0.67  | 92        | 34.5542 | 20.3493 |
| 2009 | 6     | 19  | 12   | 13     | 17     | 0.3       | 3.6     | 0.74  | 91.8      | 34.5542 | 22.3647 |
| 2009 | 6     | 19  | 12   | 23     | 17     | 0.3       | 3.6     | 0.7   | 91.3      | 34.5542 | 21.2559 |
| 2009 | 6     | 19  | 12   | 33     | 17     | 0.3       | 3.6     | 0.69  | 93.5      | 34.5885 | 20.9748 |
| 2009 | 6     | 19  | 12   | 43     | 17     | 0.3       | 3.6     | 0.7   | 91.6      | 34.5885 | 21.0756 |
| 2009 | 6     | 19  | 12   | 53     | 17     | 0.3       | 3.6     | 0.73  | 92.6      | 34.6228 | 22.0058 |
| 2009 | 6     | 19  | 13   | 3      | 17     | 0.3       | 3.6     | 0.7   | 92.9      | 34.6228 | 21.2989 |
| 2009 | 6     | 19  | 13   | 13     | 17     | 0.3       | 3.6     | 0.68  | 92.5      | 34.6228 | 20.6932 |
| 2009 | 6     | 19  | 13   | 23     | 17     | 0.3       | 3.6     | 0.69  | 92.7      | 34.6571 | 20.8151 |
| 2009 | 6     | 19  | 13   | 33     | 17     | 0.3       | 3.6     | 0.69  | 89.2      | 34.6571 | 20.8151 |
| 2009 | 6     | 19  | 13   | 43     | 17     | 0.3       | 3.6     | 0.73  | 90.8      | 34.6914 | 22.0502 |
| 2009 | 6     | 19  | 13   | 53     | 17     | 0.3       | 3.6     | 0.7   | 92.9      | 34.6571 | 21.3204 |
| 2009 | 6     | 19  | 14   | 3      | 17     | 0.3       | 3.6     | 0.68  | 92.2      | 34.6914 | 20.5327 |
| 2009 | 6     | 19  | 14   | 13     | 17     | 0.3       | 3.6     | 0.69  | 92.5      | 34.6914 | 20.8361 |
| 2009 | 6     | 19  | 14   | 23     | 17     | 0.3       | 3.6     | 0.7   | 91.1      | 34.7257 | 21.3633 |
| 2009 | 6     | 19  | 14   | 33     | 17     | 0.3       | 3.6     | 0.72  | 91.8      | 34.7257 | 21.9711 |
| 2009 | 6     | 19  | 14   | 43     | 17     | 0.3       | 3.6     | 0.75  | 91        | 34.7257 | 22.8821 |
| 2009 | 6     | 19  | 14   | 53     | 17     | 0.3       | 3.6     | 0.74  | 93.6      | 34.7257 | 22.4777 |
| 2009 | 6     | 19  | 15   | 3      | 17     | 0.3       | 3.6     | 0.66  | 92.3      | 34.7257 | 20.0474 |
| 2009 | 6     | 19  | 15   | 13     | 17     | 0.3       | 3.6     | 0.71  | 92.1      | 34.76   | 21.5876 |
| 2009 | 6     | 19  | 15   | 23     | 17     | 0.3       | 3.6     | 0.68  | 94.2      | 34.76   | 20.574  |
| 2009 | 6     | 19  | 15   | 33     | 17     | 0.3       | 3.6     | 0.72  | 93.9      | 34.76   | 21.7904 |
| 2009 | 6     | 19  | 15   | 43     | 17     | 0.3       | 3.6     | 0.72  | 91.6      | 34.76   | 21.9932 |
| 2009 | 6     | 19  | 15   | 53     | 17     | 0.3       | 3.6     | 0.74  | 94.1      | 34.7943 | 22.4214 |
| 2009 | 6     | 19  | 16   | 3      | 17     | 0.3       | 3.6     | 0.74  | 92.3      | 34.7943 | 22.4214 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 19  | 16   | 13     | 17     | 0.3       | 3.6     | 0.66  | 95.7      | 34.7943 | 20.0877 |
| 2009 | 6     | 19  | 16   | 23     | 17     | 0.3       | 3.6     | 0.71  | 93.2      | 34.7943 | 21.5078 |
| 2009 | 6     | 19  | 16   | 33     | 17     | 0.3       | 3.6     | 0.76  | 93.7      | 34.8286 | 23.2552 |
| 2009 | 6     | 19  | 16   | 43     | 17     | 0.3       | 3.6     | 0.74  | 95.3      | 34.8286 | 22.6468 |
| 2009 | 6     | 19  | 16   | 53     | 17     | 0.3       | 3.6     | 0.67  | 93.1      | 34.8286 | 20.5139 |
| 2009 | 6     | 19  | 17   | 3      | 17     | 0.3       | 3.6     | 0.69  | 94.4      | 34.8628 | 20.941  |
| 2009 | 6     | 19  | 17   | 13     | 17     | 0.3       | 3.6     | 0.66  | 93.4      | 34.8628 | 20.0265 |
| 2009 | 6     | 19  | 17   | 23     | 17     | 0.3       | 3.6     | 0.71  | 90.8      | 34.8628 | 21.7544 |
| 2009 | 6     | 19  | 17   | 33     | 17     | 0.3       | 3.6     | 0.69  | 90        | 34.8971 | 20.9623 |
| 2009 | 6     | 19  | 17   | 43     | 17     | 0.3       | 3.6     | 0.73  | 92.6      | 34.8971 | 22.1838 |
| 2009 | 6     | 19  | 17   | 53     | 17     | 0.3       | 3.6     | 0.71  | 93.2      | 34.8628 | 21.6527 |
| 2009 | 6     | 19  | 18   | 3      | 17     | 0.3       | 3.6     | 0.75  | 93        | 34.8971 | 22.7941 |
| 2009 | 6     | 19  | 18   | 13     | 17     | 0.3       | 3.6     | 0.76  | 88.8      | 34.8971 | 23.3021 |
| 2009 | 6     | 19  | 18   | 23     | 17     | 0.3       | 3.6     | 0.76  | 92.5      | 34.9314 | 23.224  |
| 2009 | 6     | 19  | 18   | 33     | 17     | 0.3       | 3.6     | 0.78  | 90        | 34.9314 | 23.8344 |
| 2009 | 6     | 19  | 18   | 43     | 17     | 0.3       | 3.6     | 0.79  | 91.2      | 34.9657 | 24.3677 |
| 2009 | 6     | 19  | 18   | 53     | 17     | 0.3       | 3.6     | 0.8   | 90.7      | 34.9657 | 24.6734 |
| 2009 | 6     | 19  | 19   | 3      | 17     | 0.3       | 3.6     | 0.76  | 91.2      | 34.9999 | 23.271  |
| 2009 | 6     | 19  | 19   | 13     | 17     | 0.3       | 3.6     | 0.75  | 94.7      | 35.0342 | 23.0904 |
| 2009 | 6     | 19  | 19   | 23     | 17     | 0.3       | 3.6     | 0.74  | 92.5      | 35.0684 | 22.8074 |
| 2009 | 6     | 19  | 19   | 33     | 17     | 0.3       | 3.6     | 0.82  | 90        | 35.0684 | 25.1569 |
| 2009 | 6     | 19  | 19   | 43     | 17     | 0.3       | 3.6     | 0.72  | 92.4      | 35.0684 | 22.0916 |
| 2009 | 6     | 19  | 19   | 53     | 17     | 0.3       | 3.6     | 0.72  | 94.4      | 35.0684 | 22.0916 |
| 2009 | 6     | 19  | 20   | 3      | 17     | 0.3       | 3.6     | 0.79  | 93.6      | 35.1027 | 24.2616 |
| 2009 | 6     | 19  | 20   | 13     | 17     | 0.3       | 3.6     | 0.75  | 90        | 35.1369 | 23.2626 |
| 2009 | 6     | 19  | 20   | 23     | 17     | 0.3       | 3.6     | 0.76  | 90        | 35.1369 | 23.5696 |
| 2009 | 6     | 19  | 20   | 33     | 17     | 0.3       | 3.6     | 0.75  | 94        | 35.1369 | 22.9556 |
| 2009 | 6     | 19  | 20   | 43     | 17     | 0.3       | 3.6     | 0.73  | 94.7      | 35.1369 | 22.3413 |
| 2009 | 6     | 19  | 20   | 53     | 17     | 0.3       | 3.6     | 0.8   | 90        | 35.1369 | 24.6956 |
| 2009 | 6     | 19  | 21   | 3      | 17     | 0.3       | 3.6     | 0.74  | 92.8      | 35.1369 | 22.751  |
| 2009 | 6     | 19  | 21   | 13     | 17     | 0.3       | 3.6     | 0.71  | 92.4      | 35.1712 | 21.9532 |
| 2009 | 6     | 19  | 21   | 23     | 17     | 0.3       | 3.6     | 0.73  | 89.7      | 35.1712 | 22.6715 |
| 2009 | 6     | 19  | 21   | 33     | 17     | 0.3       | 3.6     | 0.86  | 91.3      | 35.1712 | 26.6686 |
| 2009 | 6     | 19  | 21   | 43     | 17     | 0.3       | 3.6     | 0.74  | 91.5      | 35.1712 | 22.8763 |
| 2009 | 6     | 19  | 21   | 53     | 17     | 0.3       | 3.6     | 0.8   | 92.8      | 35.1712 | 24.8229 |
| 2009 | 6     | 19  | 22   | 3      | 17     | 0.3       | 3.6     | 0.79  | 91.9      | 35.2054 | 24.3348 |
| 2009 | 6     | 19  | 22   | 13     | 17     | 0.3       | 3.6     | 0.75  | 92        | 35.2054 | 23.1043 |
| 2009 | 6     | 19  | 22   | 23     | 17     | 0.3       | 3.6     | 0.82  | 91.8      | 35.2054 | 25.2582 |
| 2009 | 6     | 19  | 22   | 33     | 17     | 0.3       | 3.6     | 0.75  | 91.3      | 35.2054 | 23.2068 |
| 2009 | 6     | 19  | 22   | 43     | 17     | 0.3       | 3.6     | 0.71  | 94.5      | 35.2397 | 21.7918 |
| 2009 | 6     | 19  | 22   | 53     | 17     | 0.3       | 3.6     | 0.71  | 95.6      | 35.2397 | 21.7918 |
| 2009 | 6     | 19  | 23   | 3      | 17     | 0.3       | 3.6     | 0.83  | 91.1      | 35.2397 | 25.5917 |
| 2009 | 6     | 19  | 23   | 13     | 17     | 0.3       | 3.6     | 0.81  | 93        | 35.2397 | 24.9754 |
| 2009 | 6     | 19  | 23   | 23     | 17     | 0.3       | 3.6     | 0.74  | 90.8      | 35.2739 | 22.9452 |
| 2009 | 6     | 19  | 23   | 33     | 17     | 0.3       | 3.6     | 0.78  | 92.4      | 35.2739 | 24.0753 |
| 2009 | 6     | 19  | 23   | 43     | 17     | 0.3       | 3.6     | 0.76  | 92.5      | 35.3082 | 23.4823 |
| 2009 | 6     | 19  | 23   | 53     | 17     | 0.3       | 3.6     | 0.72  | 91.3      | 35.3424 | 22.1668 |
| 2009 | 6     | 20  | 0    | 3      | 17     | 0.3       | 3.6     | 0.8   | 94.7      | 35.3766 | 24.663  |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 20  | 0    | 13     | 17     | 0.3       | 3.6     | 0.8   | 87.7      | 35.4108 | 24.9972 |
| 2009 | 6     | 20  | 0    | 23     | 17     | 0.3       | 3.6     | 0.76  | 93.7      | 35.4108 | 23.6558 |
| 2009 | 6     | 20  | 0    | 33     | 17     | 0.3       | 3.6     | 0.78  | 93.9      | 35.4451 | 24.0924 |
| 2009 | 6     | 20  | 0    | 43     | 17     | 0.3       | 3.6     | 0.84  | 90.9      | 35.4451 | 26.0555 |
| 2009 | 6     | 20  | 0    | 53     | 17     | 0.3       | 3.6     | 0.73  | 94.4      | 35.4451 | 22.6471 |
| 2009 | 6     | 20  | 1    | 3      | 17     | 0.3       | 3.6     | 0.77  | 90        | 35.4451 | 23.9892 |
| 2009 | 6     | 20  | 1    | 13     | 17     | 0.3       | 3.6     | 0.8   | 91.9      | 35.4451 | 24.9188 |
| 2009 | 6     | 20  | 1    | 23     | 17     | 0.3       | 3.6     | 0.79  | 90.5      | 35.4793 | 24.53   |
| 2009 | 6     | 20  | 1    | 33     | 17     | 0.3       | 3.6     | 0.74  | 90.3      | 35.4793 | 23.1862 |
| 2009 | 6     | 20  | 1    | 43     | 17     | 0.3       | 3.6     | 0.78  | 90        | 35.4793 | 24.4266 |
| 2009 | 6     | 20  | 1    | 53     | 17     | 0.3       | 3.6     | 0.76  | 92.5      | 35.4793 | 23.4963 |
| 2009 | 6     | 20  | 2    | 3      | 17     | 0.3       | 3.6     | 0.78  | 94.1      | 35.4793 | 24.2198 |
| 2009 | 6     | 20  | 2    | 13     | 17     | 0.3       | 3.6     | 0.77  | 94.7      | 35.4793 | 23.8063 |
| 2009 | 6     | 20  | 2    | 23     | 17     | 0.3       | 3.6     | 0.79  | 93.1      | 35.5135 | 24.4509 |
| 2009 | 6     | 20  | 2    | 33     | 17     | 0.3       | 3.6     | 0.72  | 95.2      | 35.5135 | 22.3814 |
| 2009 | 6     | 20  | 2    | 43     | 17     | 0.3       | 3.6     | 0.77  | 88.5      | 35.5135 | 23.9335 |
| 2009 | 6     | 20  | 2    | 53     | 17     | 0.3       | 3.6     | 0.75  | 92.5      | 35.5135 | 23.4162 |
| 2009 | 6     | 20  | 3    | 3      | 17     | 0.3       | 3.6     | 0.77  | 91.5      | 35.5477 | 23.9572 |
| 2009 | 6     | 20  | 3    | 13     | 17     | 0.3       | 3.6     | 0.76  | 92.5      | 35.5477 | 23.543  |
| 2009 | 6     | 20  | 3    | 23     | 17     | 0.3       | 3.6     | 0.76  | 94.2      | 35.5477 | 23.6465 |
| 2009 | 6     | 20  | 3    | 33     | 17     | 0.3       | 3.6     | 0.76  | 94.7      | 35.5477 | 23.6465 |
| 2009 | 6     | 20  | 3    | 43     | 17     | 0.3       | 3.6     | 0.77  | 93.4      | 35.5819 | 23.8773 |
| 2009 | 6     | 20  | 3    | 53     | 17     | 0.3       | 3.6     | 0.76  | 93.7      | 35.6161 | 23.7972 |
| 2009 | 6     | 20  | 4    | 3      | 17     | 0.3       | 3.6     | 0.77  | 92.9      | 35.6503 | 23.9247 |
| 2009 | 6     | 20  | 4    | 13     | 17     | 0.3       | 3.6     | 0.71  | 94.2      | 35.6503 | 22.1583 |
| 2009 | 6     | 20  | 4    | 23     | 17     | 0.3       | 3.6     | 0.83  | 93.8      | 35.6845 | 26.0288 |
| 2009 | 6     | 20  | 4    | 33     | 17     | 0.3       | 3.6     | 0.76  | 93        | 35.7187 | 23.6598 |
| 2009 | 6     | 20  | 4    | 43     | 17     | 0.3       | 3.6     | 0.78  | 91.9      | 35.7529 | 24.4124 |
| 2009 | 6     | 20  | 4    | 53     | 17     | 0.3       | 3.6     | 0.78  | 94.6      | 35.7529 | 24.3082 |
| 2009 | 6     | 20  | 5    | 3      | 17     | 0.3       | 3.6     | 0.78  | 91.2      | 35.7871 | 24.5408 |
| 2009 | 6     | 20  | 5    | 13     | 17     | 0.3       | 3.6     | 0.76  | 93.7      | 35.7871 | 23.7065 |
| 2009 | 6     | 20  | 5    | 23     | 17     | 0.3       | 3.6     | 0.77  | 92.7      | 35.7871 | 24.2279 |
| 2009 | 6     | 20  | 5    | 33     | 17     | 0.3       | 3.6     | 0.79  | 93.3      | 35.7871 | 24.7494 |
| 2009 | 6     | 20  | 5    | 43     | 17     | 0.3       | 3.6     | 0.74  | 91        | 35.8213 | 23.3124 |
| 2009 | 6     | 20  | 5    | 53     | 17     | 0.3       | 3.6     | 0.79  | 93.8      | 35.8213 | 24.6694 |
| 2009 | 6     | 20  | 6    | 3      | 17     | 0.3       | 3.6     | 0.75  | 91.3      | 35.8213 | 23.5211 |
| 2009 | 6     | 20  | 6    | 13     | 17     | 0.3       | 3.6     | 0.77  | 91.2      | 35.8213 | 24.1474 |
| 2009 | 6     | 20  | 6    | 23     | 17     | 0.3       | 3.6     | 0.77  | 90.7      | 35.8213 | 24.1474 |
| 2009 | 6     | 20  | 6    | 33     | 17     | 0.3       | 3.6     | 0.76  | 90        | 35.8554 | 24.0666 |
| 2009 | 6     | 20  | 6    | 43     | 17     | 0.3       | 3.6     | 0.79  | 93.1      | 35.8554 | 24.6936 |
| 2009 | 6     | 20  | 6    | 53     | 17     | 0.3       | 3.6     | 0.73  | 94.9      | 35.8554 | 23.022  |
| 2009 | 6     | 20  | 7    | 3      | 17     | 0.3       | 3.6     | 0.73  | 93.1      | 35.8554 | 23.022  |
| 2009 | 6     | 20  | 7    | 13     | 17     | 0.3       | 3.6     | 0.75  | 95        | 35.8554 | 23.6487 |
| 2009 | 6     | 20  | 7    | 23     | 17     | 0.3       | 3.6     | 0.81  | 93.5      | 35.8896 | 25.4504 |
| 2009 | 6     | 20  | 7    | 33     | 17     | 0.3       | 3.6     | 0.82  | 94.1      | 35.8896 | 25.7644 |
| 2009 | 6     | 20  | 7    | 43     | 17     | 0.3       | 3.6     | 0.71  | 92.7      | 35.8896 | 22.3121 |
| 2009 | 6     | 20  | 7    | 53     | 17     | 0.3       | 3.6     | 0.78  | 93.6      | 35.8896 | 24.5087 |
| 2009 | 6     | 20  | 8    | 3      | 17     | 0.3       | 3.6     | 0.78  | 93.1      | 35.9238 | 24.5327 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 20  | 8    | 13     | 17     | 0.3       | 3.6     | 0.79  | 92.1      | 35.9238 | 24.9516 |
| 2009 | 6     | 20  | 8    | 23     | 17     | 0.3       | 3.6     | 0.84  | 91.8      | 35.9238 | 26.4184 |
| 2009 | 6     | 20  | 8    | 33     | 17     | 0.3       | 3.6     | 0.75  | 92.5      | 35.9238 | 23.5905 |
| 2009 | 6     | 20  | 8    | 43     | 17     | 0.3       | 3.6     | 0.74  | 90.3      | 35.958  | 23.2994 |
| 2009 | 6     | 20  | 8    | 53     | 17     | 0.3       | 3.6     | 0.72  | 95.2      | 35.958  | 22.566  |
| 2009 | 6     | 20  | 9    | 3      | 17     | 0.3       | 3.6     | 0.75  | 91.2      | 35.958  | 23.8232 |
| 2009 | 6     | 20  | 9    | 13     | 17     | 0.3       | 3.6     | 0.79  | 93.1      | 35.958  | 24.8713 |
| 2009 | 6     | 20  | 9    | 23     | 17     | 0.3       | 3.6     | 0.71  | 93.4      | 35.958  | 22.461  |
| 2009 | 6     | 20  | 9    | 33     | 17     | 0.3       | 3.6     | 0.76  | 94.9      | 35.9921 | 24.0563 |
| 2009 | 6     | 20  | 9    | 43     | 17     | 0.3       | 3.6     | 0.77  | 94.4      | 36.0263 | 24.2899 |
| 2009 | 6     | 20  | 9    | 53     | 17     | 0.3       | 3.6     | 0.8   | 94.5      | 36.0263 | 25.2351 |
| 2009 | 6     | 20  | 10   | 3      | 17     | 0.3       | 3.6     | 0.77  | 91.2      | 36.0263 | 24.4999 |
| 2009 | 6     | 20  | 10   | 13     | 17     | 0.3       | 3.6     | 0.72  | 93.6      | 36.0263 | 22.8203 |
| 2009 | 6     | 20  | 10   | 23     | 17     | 0.3       | 3.6     | 0.73  | 95.4      | 36.0263 | 23.0302 |
| 2009 | 6     | 20  | 10   | 33     | 17     | 0.3       | 3.6     | 0.73  | 94.1      | 36.0263 | 22.9253 |
| 2009 | 6     | 20  | 10   | 43     | 17     | 0.3       | 3.6     | 0.7   | 95.4      | 36.0263 | 21.874  |
| 2009 | 6     | 20  | 10   | 53     | 17     | 0.3       | 3.6     | 0.76  | 93.5      | 36.0604 | 24.1034 |
| 2009 | 6     | 20  | 11   | 3      | 17     | 0.3       | 3.6     | 0.73  | 94.1      | 36.0604 | 23.0527 |
| 2009 | 6     | 20  | 11   | 13     | 17     | 0.3       | 3.6     | 0.73  | 94.1      | 36.0604 | 22.9477 |
| 2009 | 6     | 20  | 11   | 23     | 17     | 0.3       | 3.6     | 0.73  | 93.9      | 36.0946 | 23.0753 |
| 2009 | 6     | 20  | 11   | 33     | 17     | 0.3       | 3.6     | 0.74  | 95.1      | 36.0604 | 23.2628 |
| 2009 | 6     | 20  | 11   | 43     | 17     | 0.3       | 3.6     | 0.72  | 93.6      | 36.0946 | 22.865  |
| 2009 | 6     | 20  | 11   | 53     | 17     | 0.3       | 3.6     | 0.73  | 92.1      | 36.0946 | 22.9701 |
| 2009 | 6     | 20  | 12   | 3      | 17     | 0.3       | 3.6     | 0.67  | 96.4      | 36.0946 | 21.1795 |
| 2009 | 6     | 20  | 12   | 13     | 17     | 0.3       | 3.6     | 0.72  | 95.2      | 36.0946 | 22.7598 |
| 2009 | 6     | 20  | 12   | 23     | 17     | 0.3       | 3.6     | 0.7   | 93.5      | 36.0946 | 22.233  |
| 2009 | 6     | 20  | 12   | 33     | 17     | 0.3       | 3.6     | 0.73  | 96.2      | 36.0946 | 22.865  |
| 2009 | 6     | 20  | 12   | 43     | 17     | 0.3       | 3.6     | 0.65  | 94.6      | 36.0946 | 20.5477 |
| 2009 | 6     | 20  | 12   | 53     | 17     | 0.3       | 3.6     | 0.7   | 93.5      | 36.0946 | 22.1276 |
| 2009 | 6     | 20  | 13   | 3      | 17     | 0.3       | 3.6     | 0.74  | 92        | 36.0946 | 23.4959 |
| 2009 | 6     | 20  | 13   | 13     | 17     | 0.3       | 3.6     | 0.68  | 95        | 36.0946 | 21.3901 |
| 2009 | 6     | 20  | 13   | 23     | 17     | 0.3       | 3.6     | 0.69  | 91.4      | 36.0946 | 21.9169 |
| 2009 | 6     | 20  | 13   | 33     | 17     | 0.3       | 3.6     | 0.71  | 94.8      | 36.0946 | 22.3384 |
| 2009 | 6     | 20  | 13   | 43     | 17     | 0.3       | 3.6     | 0.71  | 91.6      | 36.0946 | 22.5492 |
| 2009 | 6     | 20  | 13   | 53     | 17     | 0.3       | 3.6     | 0.7   | 92.7      | 36.0946 | 22.233  |
| 2009 | 6     | 20  | 14   | 3      | 17     | 0.3       | 3.6     | 0.74  | 93.3      | 36.1287 | 23.5188 |
| 2009 | 6     | 20  | 14   | 13     | 17     | 0.3       | 3.6     | 0.71  | 91.8      | 36.1287 | 22.5713 |
| 2009 | 6     | 20  | 14   | 23     | 17     | 0.3       | 3.6     | 0.63  | 94.8      | 36.1629 | 19.9551 |
| 2009 | 6     | 20  | 14   | 33     | 17     | 0.3       | 3.6     | 0.69  | 95.4      | 36.1629 | 21.8542 |
| 2009 | 6     | 20  | 14   | 43     | 17     | 0.3       | 3.6     | 0.75  | 93.5      | 36.1287 | 23.8346 |
| 2009 | 6     | 20  | 14   | 53     | 17     | 0.3       | 3.6     | 0.69  | 93.5      | 36.1287 | 21.9383 |
| 2009 | 6     | 20  | 15   | 3      | 17     | 0.3       | 3.6     | 0.73  | 94.4      | 36.1287 | 23.0978 |
| 2009 | 6     | 20  | 15   | 13     | 17     | 0.3       | 3.6     | 0.7   | 96        | 36.1629 | 21.9598 |
| 2009 | 6     | 20  | 15   | 23     | 17     | 0.3       | 3.6     | 0.69  | 91.6      | 36.1629 | 21.7486 |
| 2009 | 6     | 20  | 15   | 33     | 17     | 0.3       | 3.6     | 0.75  | 92.5      | 36.1629 | 23.7525 |
| 2009 | 6     | 20  | 15   | 43     | 17     | 0.3       | 3.6     | 0.74  | 90.3      | 36.1629 | 23.6471 |
| 2009 | 6     | 20  | 15   | 53     | 17     | 0.3       | 3.6     | 0.73  | 93.1      | 36.1629 | 23.0149 |
| 2009 | 6     | 20  | 16   | 3      | 17     | 0.3       | 3.6     | 0.78  | 88.5      | 36.1629 | 24.7011 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 20  | 16   | 13     | 17     | 0.3       | 3.6     | 0.75  | 91.2      | 36.1629 | 23.9633 |
| 2009 | 6     | 20  | 16   | 23     | 17     | 0.3       | 3.6     | 0.71  | 94.2      | 36.1629 | 22.4877 |
| 2009 | 6     | 20  | 16   | 33     | 17     | 0.3       | 3.6     | 0.75  | 93.5      | 36.1629 | 23.7525 |
| 2009 | 6     | 20  | 16   | 43     | 17     | 0.3       | 3.6     | 0.71  | 94.2      | 36.1629 | 22.5933 |
| 2009 | 6     | 20  | 16   | 53     | 17     | 0.3       | 3.6     | 0.79  | 91.2      | 36.2994 | 25.2207 |
| 2009 | 6     | 20  | 17   | 3      | 17     | 0.3       | 3.6     | 0.71  | 94.2      | 36.197  | 22.6154 |
| 2009 | 6     | 20  | 17   | 13     | 17     | 0.3       | 3.6     | 0.7   | 95.7      | 36.1629 | 22.0653 |
| 2009 | 6     | 20  | 17   | 23     | 17     | 0.3       | 3.6     | 0.82  | 89.1      | 36.1629 | 25.9667 |
| 2009 | 6     | 20  | 17   | 33     | 17     | 0.3       | 3.6     | 0.71  | 92.9      | 36.1629 | 22.3821 |
| 2009 | 6     | 20  | 17   | 43     | 17     | 0.3       | 3.6     | 0.75  | 91.5      | 36.197  | 23.9866 |
| 2009 | 6     | 20  | 17   | 53     | 17     | 0.3       | 3.6     | 0.76  | 93.9      | 36.197  | 24.1976 |
| 2009 | 6     | 20  | 18   | 3      | 17     | 0.3       | 3.6     | 0.77  | 90.5      | 36.1629 | 24.5957 |
| 2009 | 6     | 20  | 18   | 13     | 17     | 0.3       | 3.6     | 0.75  | 95.5      | 36.1629 | 23.7525 |
| 2009 | 6     | 20  | 18   | 23     | 17     | 0.3       | 3.6     | 0.78  | 91.7      | 36.1629 | 24.8066 |
| 2009 | 6     | 20  | 18   | 33     | 17     | 0.3       | 3.6     | 0.71  | 93.4      | 36.1629 | 22.5933 |
| 2009 | 6     | 20  | 18   | 43     | 17     | 0.3       | 3.6     | 0.79  | 92.6      | 36.1629 | 25.0175 |
| 2009 | 6     | 20  | 18   | 53     | 17     | 0.3       | 3.6     | 0.75  | 93.3      | 36.1629 | 23.6471 |
| 2009 | 6     | 20  | 19   | 3      | 17     | 0.3       | 3.6     | 0.76  | 93.2      | 36.197  | 23.9866 |
| 2009 | 6     | 20  | 19   | 13     | 17     | 0.3       | 3.6     | 0.75  | 93.8      | 36.1629 | 23.6471 |
| 2009 | 6     | 20  | 19   | 23     | 17     | 0.3       | 3.6     | 0.7   | 92.4      | 36.197  | 22.2983 |
| 2009 | 6     | 20  | 19   | 33     | 17     | 0.3       | 3.6     | 0.77  | 94.2      | 36.1629 | 24.3849 |
| 2009 | 6     | 20  | 19   | 43     | 17     | 0.3       | 3.6     | 0.75  | 91.5      | 36.1629 | 23.6471 |
| 2009 | 6     | 20  | 19   | 53     | 17     | 0.3       | 3.6     | 0.76  | 92        | 36.197  | 24.3031 |
| 2009 | 6     | 20  | 20   | 3      | 17     | 0.3       | 3.6     | 0.76  | 92        | 36.197  | 24.3031 |
| 2009 | 6     | 20  | 20   | 13     | 17     | 0.3       | 3.6     | 0.81  | 92.1      | 36.197  | 25.8864 |
| 2009 | 6     | 20  | 20   | 23     | 17     | 0.3       | 3.6     | 0.8   | 92.8      | 36.197  | 25.3585 |
| 2009 | 6     | 20  | 20   | 33     | 17     | 0.3       | 3.6     | 0.78  | 91.9      | 36.197  | 24.7252 |
| 2009 | 6     | 20  | 20   | 43     | 17     | 0.3       | 3.6     | 0.77  | 93.7      | 36.197  | 24.4086 |
| 2009 | 6     | 20  | 20   | 53     | 17     | 0.3       | 3.6     | 0.7   | 94.6      | 36.2311 | 22.1084 |
| 2009 | 6     | 20  | 21   | 3      | 17     | 0.3       | 3.6     | 0.74  | 93.3      | 36.2311 | 23.482  |
| 2009 | 6     | 20  | 21   | 13     | 17     | 0.3       | 3.6     | 0.74  | 94        | 36.2311 | 23.5876 |
| 2009 | 6     | 20  | 21   | 23     | 17     | 0.3       | 3.6     | 0.77  | 93.2      | 36.2311 | 24.3268 |
| 2009 | 6     | 20  | 21   | 33     | 17     | 0.3       | 3.6     | 0.79  | 92.6      | 36.2653 | 25.302  |
| 2009 | 6     | 20  | 21   | 43     | 17     | 0.3       | 3.6     | 0.83  | 96.6      | 36.2994 | 26.2796 |
| 2009 | 6     | 20  | 21   | 53     | 17     | 0.3       | 3.6     | 0.81  | 90        | 36.2653 | 25.9367 |
| 2009 | 6     | 20  | 22   | 3      | 17     | 0.3       | 3.6     | 0.78  | 93.6      | 36.2653 | 24.879  |
| 2009 | 6     | 20  | 22   | 13     | 17     | 0.3       | 3.6     | 0.76  | 94.2      | 36.2653 | 24.139  |
| 2009 | 6     | 20  | 22   | 23     | 17     | 0.3       | 3.6     | 0.8   | 93.5      | 36.2653 | 25.4078 |
| 2009 | 6     | 20  | 22   | 33     | 17     | 0.3       | 3.6     | 0.81  | 93        | 36.2653 | 25.9367 |
| 2009 | 6     | 20  | 22   | 43     | 17     | 0.3       | 3.6     | 0.83  | 94.3      | 36.2994 | 26.2796 |
| 2009 | 6     | 20  | 22   | 53     | 17     | 0.3       | 3.6     | 0.81  | 92.8      | 36.2653 | 25.7251 |
| 2009 | 6     | 20  | 23   | 3      | 17     | 0.3       | 3.6     | 0.79  | 96.9      | 36.2994 | 25.009  |
| 2009 | 6     | 20  | 23   | 13     | 17     | 0.3       | 3.6     | 0.75  | 95.8      | 36.2994 | 23.6334 |
| 2009 | 6     | 20  | 23   | 23     | 17     | 0.3       | 3.6     | 0.76  | 95.5      | 36.2994 | 24.0566 |
| 2009 | 6     | 20  | 23   | 33     | 17     | 0.3       | 3.6     | 0.81  | 92.3      | 36.2994 | 25.9619 |
| 2009 | 6     | 20  | 23   | 43     | 17     | 0.3       | 3.6     | 0.84  | 92.7      | 36.2994 | 26.7033 |
| 2009 | 6     | 20  | 23   | 53     | 17     | 0.3       | 3.6     | 0.79  | 95        | 36.2994 | 25.1149 |
| 2009 | 6     | 21  | 0    | 3      | 17     | 0.3       | 3.6     | 0.83  | 93.4      | 36.2994 | 26.4914 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 21  | 0    | 13     | 17     | 0.3       | 3.6     | 0.79  | 92.4      | 36.2994 | 25.3266 |
| 2009 | 6     | 21  | 0    | 23     | 17     | 0.3       | 3.6     | 0.83  | 90        | 36.2994 | 26.3855 |
| 2009 | 6     | 21  | 0    | 33     | 17     | 0.3       | 3.6     | 0.82  | 92.3      | 36.2994 | 26.2796 |
| 2009 | 6     | 21  | 0    | 43     | 17     | 0.3       | 3.6     | 0.76  | 92.5      | 36.2994 | 24.0566 |
| 2009 | 6     | 21  | 0    | 53     | 17     | 0.3       | 3.6     | 0.8   | 93.5      | 36.2994 | 25.4325 |
| 2009 | 6     | 21  | 1    | 3      | 17     | 0.3       | 3.6     | 0.84  | 90        | 36.2994 | 26.9151 |
| 2009 | 6     | 21  | 1    | 13     | 17     | 0.3       | 3.6     | 0.8   | 93.3      | 36.2994 | 25.5383 |
| 2009 | 6     | 21  | 1    | 23     | 17     | 0.3       | 3.6     | 0.85  | 92.2      | 36.2994 | 27.0211 |
| 2009 | 6     | 21  | 1    | 33     | 17     | 0.3       | 3.6     | 0.77  | 93.9      | 36.2994 | 24.374  |
| 2009 | 6     | 21  | 1    | 43     | 17     | 0.3       | 3.6     | 0.79  | 93.8      | 36.2994 | 25.2207 |
| 2009 | 6     | 21  | 1    | 53     | 17     | 0.3       | 3.6     | 0.79  | 91.7      | 36.2994 | 25.1149 |
| 2009 | 6     | 21  | 2    | 3      | 17     | 0.3       | 3.6     | 0.81  | 89.1      | 36.2653 | 25.8309 |
| 2009 | 6     | 21  | 2    | 13     | 17     | 0.3       | 3.6     | 0.77  | 93.7      | 36.2994 | 24.4798 |
| 2009 | 6     | 21  | 2    | 23     | 17     | 0.3       | 3.6     | 0.84  | 92.9      | 36.2994 | 26.8092 |
| 2009 | 6     | 21  | 2    | 33     | 17     | 0.3       | 3.6     | 0.77  | 93.7      | 36.2994 | 24.374  |
| 2009 | 6     | 21  | 2    | 43     | 17     | 0.3       | 3.6     | 0.75  | 91.8      | 36.2994 | 23.7392 |
| 2009 | 6     | 21  | 2    | 53     | 17     | 0.3       | 3.6     | 0.77  | 94.9      | 36.2994 | 24.374  |
| 2009 | 6     | 21  | 3    | 3      | 17     | 0.3       | 3.6     | 0.81  | 93        | 36.2653 | 25.8309 |
| 2009 | 6     | 21  | 3    | 13     | 17     | 0.3       | 3.6     | 0.8   | 92.8      | 36.2653 | 25.6194 |
| 2009 | 6     | 21  | 3    | 23     | 17     | 0.3       | 3.6     | 0.8   | 94.3      | 36.2653 | 25.302  |
| 2009 | 6     | 21  | 3    | 33     | 17     | 0.3       | 3.6     | 0.84  | 91.8      | 36.2653 | 26.889  |
| 2009 | 6     | 21  | 3    | 43     | 17     | 0.3       | 3.6     | 0.78  | 96        | 36.2653 | 24.6676 |
| 2009 | 6     | 21  | 3    | 53     | 17     | 0.3       | 3.6     | 0.81  | 91.2      | 36.2653 | 25.9367 |
| 2009 | 6     | 21  | 4    | 3      | 17     | 0.3       | 3.6     | 0.77  | 92        | 36.2653 | 24.4561 |
| 2009 | 6     | 21  | 4    | 13     | 17     | 0.3       | 3.6     | 0.78  | 91.9      | 36.2653 | 24.7733 |
| 2009 | 6     | 21  | 4    | 23     | 17     | 0.3       | 3.6     | 0.89  | 92.5      | 36.2653 | 28.2653 |
| 2009 | 6     | 21  | 4    | 33     | 17     | 0.3       | 3.6     | 0.85  | 89.6      | 36.2653 | 26.9949 |
| 2009 | 6     | 21  | 4    | 43     | 17     | 0.3       | 3.6     | 0.76  | 92        | 36.2653 | 24.2447 |
| 2009 | 6     | 21  | 4    | 53     | 17     | 0.3       | 3.6     | 0.8   | 90        | 36.2653 | 25.5136 |
| 2009 | 6     | 21  | 5    | 3      | 17     | 0.3       | 3.6     | 0.81  | 91.6      | 36.2653 | 25.9367 |
| 2009 | 6     | 21  | 5    | 13     | 17     | 0.3       | 3.6     | 0.8   | 94.5      | 36.2311 | 25.4888 |
| 2009 | 6     | 21  | 5    | 23     | 17     | 0.3       | 3.6     | 0.78  | 89.8      | 36.2311 | 24.9605 |
| 2009 | 6     | 21  | 5    | 33     | 17     | 0.3       | 3.6     | 0.84  | 91.1      | 36.2311 | 26.6515 |
| 2009 | 6     | 21  | 5    | 43     | 17     | 0.3       | 3.6     | 0.74  | 93.5      | 36.2311 | 23.5876 |
| 2009 | 6     | 21  | 5    | 53     | 17     | 0.3       | 3.6     | 0.8   | 90.9      | 36.2311 | 25.5945 |
| 2009 | 6     | 21  | 6    | 3      | 17     | 0.3       | 3.6     | 0.74  | 94.1      | 36.2311 | 23.482  |
| 2009 | 6     | 21  | 6    | 13     | 17     | 0.3       | 3.6     | 0.79  | 92.1      | 36.2311 | 25.0662 |
| 2009 | 6     | 21  | 6    | 23     | 17     | 0.3       | 3.6     | 0.81  | 95.6      | 36.2311 | 25.5945 |
| 2009 | 6     | 21  | 6    | 33     | 17     | 0.3       | 3.6     | 0.74  | 94.8      | 36.2311 | 23.3764 |
| 2009 | 6     | 21  | 6    | 43     | 17     | 0.3       | 3.6     | 0.74  | 94        | 36.2311 | 23.5876 |
| 2009 | 6     | 21  | 6    | 53     | 17     | 0.3       | 3.6     | 0.8   | 92.4      | 36.2311 | 25.3831 |
| 2009 | 6     | 21  | 7    | 3      | 17     | 0.3       | 3.6     | 0.75  | 93.2      | 36.2311 | 23.9043 |
| 2009 | 6     | 21  | 7    | 13     | 17     | 0.3       | 3.6     | 0.8   | 92.3      | 36.2311 | 25.5945 |
| 2009 | 6     | 21  | 7    | 23     | 17     | 0.3       | 3.6     | 0.77  | 92.2      | 36.2311 | 24.4324 |
| 2009 | 6     | 21  | 7    | 33     | 17     | 0.3       | 3.6     | 0.86  | 93.1      | 36.2311 | 27.3917 |
| 2009 | 6     | 21  | 7    | 43     | 17     | 0.3       | 3.6     | 0.75  | 92        | 36.2311 | 23.9043 |
| 2009 | 6     | 21  | 7    | 53     | 17     | 0.3       | 3.6     | 0.74  | 94.6      | 36.2311 | 23.482  |
| 2009 | 6     | 21  | 8    | 3      | 17     | 0.3       | 3.6     | 0.79  | 92.6      | 36.2311 | 25.2775 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 21  | 8    | 13     | 17     | 0.3       | 3.6     | 0.81  | 93        | 36.2311 | 25.9115 |
| 2009 | 6     | 21  | 8    | 23     | 17     | 0.3       | 3.6     | 0.78  | 92.4      | 36.2311 | 24.9605 |
| 2009 | 6     | 21  | 8    | 33     | 17     | 0.3       | 3.6     | 0.73  | 96        | 36.2311 | 22.9542 |
| 2009 | 6     | 21  | 8    | 43     | 17     | 0.3       | 3.6     | 0.74  | 95.1      | 36.2311 | 23.482  |
| 2009 | 6     | 21  | 8    | 53     | 17     | 0.3       | 3.6     | 0.75  | 93.5      | 36.197  | 23.8811 |
| 2009 | 6     | 21  | 9    | 3      | 17     | 0.3       | 3.6     | 0.73  | 92.6      | 36.197  | 23.2483 |
| 2009 | 6     | 21  | 9    | 13     | 17     | 0.3       | 3.6     | 0.68  | 94.9      | 36.197  | 21.6642 |
| 2009 | 6     | 21  | 9    | 23     | 17     | 0.3       | 3.6     | 0.75  | 92.3      | 36.2311 | 23.7987 |
| 2009 | 6     | 21  | 9    | 33     | 17     | 0.3       | 3.6     | 0.79  | 93.4      | 36.2311 | 24.9605 |
| 2009 | 6     | 21  | 9    | 43     | 17     | 0.3       | 3.6     | 0.67  | 92.8      | 36.2311 | 21.2623 |
| 2009 | 6     | 21  | 9    | 53     | 17     | 0.3       | 3.6     | 0.77  | 93.7      | 36.197  | 24.5141 |
| 2009 | 6     | 21  | 10   | 3      | 17     | 0.3       | 3.6     | 0.75  | 92.5      | 36.197  | 23.7756 |
| 2009 | 6     | 21  | 10   | 13     | 17     | 0.3       | 3.6     | 0.75  | 95        | 36.197  | 23.7756 |
| 2009 | 6     | 21  | 10   | 23     | 17     | 0.3       | 3.6     | 0.77  | 92.5      | 36.197  | 24.3031 |
| 2009 | 6     | 21  | 10   | 33     | 17     | 0.3       | 3.6     | 0.79  | 92.4      | 36.197  | 25.1474 |
| 2009 | 6     | 21  | 10   | 43     | 17     | 0.3       | 3.6     | 0.76  | 93        | 36.197  | 24.0921 |
| 2009 | 6     | 21  | 10   | 53     | 17     | 0.3       | 3.6     | 0.8   | 90.7      | 36.197  | 25.5696 |
| 2009 | 6     | 21  | 11   | 3      | 17     | 0.3       | 3.6     | 0.81  | 91.4      | 36.197  | 25.7808 |
| 2009 | 6     | 21  | 11   | 13     | 17     | 0.3       | 3.6     | 0.79  | 91.2      | 36.197  | 25.0418 |
| 2009 | 6     | 21  | 11   | 23     | 17     | 0.3       | 3.6     | 0.75  | 95        | 36.197  | 23.8811 |
| 2009 | 6     | 21  | 11   | 33     | 17     | 0.3       | 3.6     | 0.78  | 90        | 36.197  | 24.9363 |
| 2009 | 6     | 21  | 11   | 43     | 17     | 0.3       | 3.6     | 0.71  | 92.7      | 36.197  | 22.404  |
| 2009 | 6     | 21  | 11   | 53     | 17     | 0.3       | 3.6     | 0.66  | 95.1      | 36.197  | 20.9248 |
| 2009 | 6     | 21  | 12   | 3      | 17     | 0.3       | 3.6     | 0.75  | 94        | 36.197  | 23.8811 |
| 2009 | 6     | 21  | 12   | 13     | 17     | 0.3       | 3.6     | 0.69  | 94.9      | 36.197  | 21.8755 |
| 2009 | 6     | 21  | 12   | 23     | 17     | 0.3       | 3.6     | 0.68  | 93.9      | 36.197  | 21.6642 |
| 2009 | 6     | 21  | 12   | 33     | 17     | 0.3       | 3.6     | 0.73  | 91.8      | 36.1629 | 23.2256 |
| 2009 | 6     | 21  | 12   | 43     | 17     | 0.3       | 3.6     | 0.72  | 92.9      | 36.1629 | 22.8043 |
| 2009 | 6     | 21  | 12   | 53     | 17     | 0.3       | 3.6     | 0.79  | 90        | 36.1629 | 25.2284 |
| 2009 | 6     | 21  | 13   | 3      | 17     | 0.3       | 3.6     | 0.73  | 93.9      | 36.1287 | 23.0978 |
| 2009 | 6     | 21  | 13   | 13     | 17     | 0.3       | 3.6     | 0.73  | 92.8      | 36.1287 | 23.0978 |
| 2009 | 6     | 21  | 13   | 23     | 17     | 0.3       | 3.6     | 0.75  | 93.5      | 36.1287 | 23.7294 |
| 2009 | 6     | 21  | 13   | 33     | 17     | 0.3       | 3.6     | 0.69  | 96        | 36.0946 | 21.6008 |
| 2009 | 6     | 21  | 13   | 43     | 17     | 0.3       | 3.6     | 0.7   | 93.2      | 36.0604 | 22.106  |
| 2009 | 6     | 21  | 13   | 53     | 17     | 0.3       | 3.6     | 0.72  | 92.3      | 36.0946 | 22.865  |
| 2009 | 6     | 21  | 14   | 3      | 17     | 0.3       | 3.6     | 0.72  | 92.4      | 36.0604 | 22.6325 |
| 2009 | 6     | 21  | 14   | 13     | 17     | 0.3       | 3.6     | 0.73  | 92.1      | 36.0946 | 23.1804 |
| 2009 | 6     | 21  | 14   | 23     | 17     | 0.3       | 3.6     | 0.66  | 95.4      | 36.0604 | 20.7379 |
| 2009 | 6     | 21  | 14   | 33     | 17     | 0.3       | 3.6     | 0.74  | 92.6      | 36.0604 | 23.2628 |
| 2009 | 6     | 21  | 14   | 43     | 17     | 0.3       | 3.6     | 0.72  | 90        | 36.0604 | 22.8426 |
| 2009 | 6     | 21  | 14   | 53     | 17     | 0.3       | 3.6     | 0.68  | 94.4      | 36.0604 | 21.5797 |
| 2009 | 6     | 21  | 15   | 3      | 17     | 0.3       | 3.6     | 0.69  | 93.6      | 36.0263 | 21.6637 |
| 2009 | 6     | 21  | 15   | 13     | 17     | 0.3       | 3.6     | 0.72  | 94.4      | 36.0263 | 22.7154 |
| 2009 | 6     | 21  | 15   | 23     | 17     | 0.3       | 3.6     | 0.77  | 89.5      | 36.0263 | 24.2899 |
| 2009 | 6     | 21  | 15   | 33     | 17     | 0.3       | 3.6     | 0.76  | 89.8      | 36.0604 | 24.2085 |
| 2009 | 6     | 21  | 15   | 43     | 17     | 0.3       | 3.6     | 0.75  | 92.5      | 36.0263 | 23.555  |
| 2009 | 6     | 21  | 15   | 53     | 17     | 0.3       | 3.6     | 0.77  | 93.4      | 36.0263 | 24.3949 |
| 2009 | 6     | 21  | 16   | 3      | 17     | 0.3       | 3.6     | 0.74  | 95.4      | 36.0263 | 23.2401 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 21  | 16   | 13     | 17     | 0.3       | 3.6     | 0.77  | 91.7      | 36.0263 | 24.2899 |
| 2009 | 6     | 21  | 16   | 23     | 17     | 0.3       | 3.6     | 0.75  | 93.5      | 36.0263 | 23.555  |
| 2009 | 6     | 21  | 16   | 33     | 17     | 0.3       | 3.6     | 0.8   | 90.5      | 36.0263 | 25.4453 |
| 2009 | 6     | 21  | 16   | 43     | 17     | 0.3       | 3.6     | 0.71  | 95        | 36.0263 | 22.5051 |
| 2009 | 6     | 21  | 16   | 53     | 17     | 0.3       | 3.6     | 0.73  | 92.6      | 36.0263 | 23.1351 |
| 2009 | 6     | 21  | 17   | 3      | 17     | 0.3       | 3.6     | 0.76  | 92.2      | 36.0263 | 24.0799 |
| 2009 | 6     | 21  | 17   | 13     | 17     | 0.3       | 3.6     | 0.81  | 92.6      | 36.0263 | 25.5503 |
| 2009 | 6     | 21  | 17   | 23     | 17     | 0.3       | 3.6     | 0.76  | 92.5      | 36.0263 | 23.8699 |
| 2009 | 6     | 21  | 17   | 33     | 17     | 0.3       | 3.6     | 0.77  | 91.2      | 36.0263 | 24.4999 |
| 2009 | 6     | 21  | 17   | 43     | 17     | 0.3       | 3.6     | 0.7   | 94.3      | 36.0263 | 22.1895 |
| 2009 | 6     | 21  | 17   | 53     | 17     | 0.3       | 3.6     | 0.74  | 92.8      | 36.0263 | 23.45   |
| 2009 | 6     | 21  | 18   | 3      | 17     | 0.3       | 3.6     | 0.77  | 92.5      | 36.0263 | 24.1849 |
| 2009 | 6     | 21  | 18   | 13     | 17     | 0.3       | 3.6     | 0.78  | 90.5      | 36.0263 | 24.815  |
| 2009 | 6     | 21  | 18   | 23     | 17     | 0.3       | 3.6     | 0.7   | 91.1      | 36.0263 | 21.9792 |
| 2009 | 6     | 21  | 18   | 33     | 17     | 0.3       | 3.6     | 0.69  | 94.3      | 35.9921 | 21.8526 |
| 2009 | 6     | 21  | 18   | 43     | 17     | 0.3       | 3.6     | 0.81  | 90        | 36.0263 | 25.6554 |
| 2009 | 6     | 21  | 18   | 53     | 17     | 0.3       | 3.6     | 0.75  | 91.5      | 36.0263 | 23.66   |
| 2009 | 6     | 21  | 19   | 3      | 17     | 0.3       | 3.6     | 0.75  | 92.3      | 36.0263 | 23.7649 |
| 2009 | 6     | 21  | 19   | 13     | 17     | 0.3       | 3.6     | 0.73  | 93.3      | 35.9921 | 23.1125 |
| 2009 | 6     | 21  | 19   | 23     | 17     | 0.3       | 3.6     | 0.75  | 91.8      | 36.0263 | 23.7649 |
| 2009 | 6     | 21  | 19   | 33     | 17     | 0.3       | 3.6     | 0.76  | 93.2      | 36.0263 | 23.8699 |
| 2009 | 6     | 21  | 19   | 43     | 17     | 0.3       | 3.6     | 0.74  | 92.8      | 35.9921 | 23.4271 |
| 2009 | 6     | 21  | 19   | 53     | 17     | 0.3       | 3.6     | 0.78  | 94.3      | 35.9921 | 24.6858 |
| 2009 | 6     | 21  | 20   | 3      | 17     | 0.3       | 3.6     | 0.77  | 91.2      | 35.9921 | 24.371  |
| 2009 | 6     | 21  | 20   | 13     | 17     | 0.3       | 3.6     | 0.79  | 90.7      | 35.9921 | 24.8956 |
| 2009 | 6     | 21  | 20   | 23     | 17     | 0.3       | 3.6     | 0.77  | 92.5      | 35.9921 | 24.1612 |
| 2009 | 6     | 21  | 20   | 33     | 17     | 0.3       | 3.6     | 0.77  | 89.5      | 35.9921 | 24.2661 |
| 2009 | 6     | 21  | 20   | 43     | 17     | 0.3       | 3.6     | 0.83  | 92.3      | 36.0263 | 26.391  |
| 2009 | 6     | 21  | 20   | 53     | 17     | 0.3       | 3.6     | 0.8   | 90.7      | 35.9921 | 25.2105 |
| 2009 | 6     | 21  | 21   | 3      | 17     | 0.3       | 3.6     | 0.78  | 93.6      | 35.9921 | 24.476  |
| 2009 | 6     | 21  | 21   | 13     | 17     | 0.3       | 3.6     | 0.75  | 90.3      | 35.9921 | 23.7417 |
| 2009 | 6     | 21  | 21   | 23     | 17     | 0.3       | 3.6     | 0.78  | 92.7      | 35.9921 | 24.476  |
| 2009 | 6     | 21  | 21   | 33     | 17     | 0.3       | 3.6     | 0.75  | 91.8      | 35.9921 | 23.7417 |
| 2009 | 6     | 21  | 21   | 43     | 17     | 0.3       | 3.6     | 0.83  | 90.9      | 35.9921 | 26.3652 |
| 2009 | 6     | 21  | 21   | 53     | 17     | 0.3       | 3.6     | 0.8   | 92.3      | 35.9921 | 25.4204 |
| 2009 | 6     | 21  | 22   | 3      | 17     | 0.3       | 3.6     | 0.8   | 92.8      | 35.9921 | 25.4204 |
| 2009 | 6     | 21  | 22   | 13     | 17     | 0.3       | 3.6     | 0.76  | 92.5      | 35.9921 | 23.8466 |
| 2009 | 6     | 21  | 22   | 23     | 17     | 0.3       | 3.6     | 0.8   | 92.6      | 35.9921 | 25.2105 |
| 2009 | 6     | 21  | 22   | 33     | 17     | 0.3       | 3.6     | 0.77  | 94.2      | 35.9921 | 24.1612 |
| 2009 | 6     | 21  | 22   | 43     | 17     | 0.3       | 3.6     | 0.79  | 92.1      | 35.9921 | 24.8956 |
| 2009 | 6     | 21  | 22   | 53     | 17     | 0.3       | 3.6     | 0.77  | 92        | 35.9921 | 24.2661 |
| 2009 | 6     | 21  | 23   | 3      | 17     | 0.3       | 3.6     | 0.78  | 92.4      | 35.9921 | 24.6858 |
| 2009 | 6     | 21  | 23   | 13     | 17     | 0.3       | 3.6     | 0.78  | 90.5      | 35.9921 | 24.6858 |
| 2009 | 6     | 21  | 23   | 23     | 17     | 0.3       | 3.6     | 0.78  | 93.6      | 35.9921 | 24.6858 |
| 2009 | 6     | 21  | 23   | 33     | 17     | 0.3       | 3.6     | 0.76  | 92        | 35.9921 | 23.9515 |
| 2009 | 6     | 21  | 23   | 43     | 17     | 0.3       | 3.6     | 0.78  | 93.4      | 35.9921 | 24.5809 |
| 2009 | 6     | 21  | 23   | 53     | 17     | 0.3       | 3.6     | 0.77  | 92        | 35.9921 | 24.2661 |
| 2009 | 6     | 22  | 0    | 3      | 17     | 0.3       | 3.6     | 0.8   | 92.3      | 35.9921 | 25.4204 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 22  | 0    | 13     | 17     | 0.3       | 3.6     | 0.77  | 92.9      | 35.9921 | 24.371  |
| 2009 | 6     | 22  | 0    | 23     | 17     | 0.3       | 3.6     | 0.78  | 93.9      | 35.9921 | 24.476  |
| 2009 | 6     | 22  | 0    | 33     | 17     | 0.3       | 3.6     | 0.77  | 92.4      | 35.9921 | 24.371  |
| 2009 | 6     | 22  | 0    | 43     | 17     | 0.3       | 3.6     | 0.78  | 93.9      | 35.9921 | 24.476  |
| 2009 | 6     | 22  | 0    | 53     | 17     | 0.3       | 3.6     | 0.77  | 91.7      | 35.9921 | 24.476  |
| 2009 | 6     | 22  | 1    | 3      | 17     | 0.3       | 3.6     | 0.79  | 94.3      | 35.9921 | 25.0006 |
| 2009 | 6     | 22  | 1    | 13     | 17     | 0.3       | 3.6     | 0.76  | 91.5      | 35.9921 | 23.9515 |
| 2009 | 6     | 22  | 1    | 23     | 17     | 0.3       | 3.6     | 0.8   | 93.8      | 36.0263 | 25.1301 |
| 2009 | 6     | 22  | 1    | 33     | 17     | 0.3       | 3.6     | 0.85  | 92.9      | 36.0263 | 26.9166 |
| 2009 | 6     | 22  | 1    | 43     | 17     | 0.3       | 3.6     | 0.83  | 94.6      | 36.0604 | 26.1012 |
| 2009 | 6     | 22  | 1    | 53     | 17     | 0.3       | 3.6     | 0.84  | 92        | 36.0604 | 26.522  |
| 2009 | 6     | 22  | 2    | 3      | 17     | 0.3       | 3.6     | 0.81  | 93.7      | 36.0604 | 25.6805 |
| 2009 | 6     | 22  | 2    | 13     | 17     | 0.3       | 3.6     | 0.77  | 91.2      | 36.0946 | 24.5478 |
| 2009 | 6     | 22  | 2    | 23     | 17     | 0.3       | 3.6     | 0.78  | 95.8      | 36.1287 | 24.6771 |
| 2009 | 6     | 22  | 2    | 33     | 17     | 0.3       | 3.6     | 0.81  | 92.3      | 36.0946 | 25.6003 |
| 2009 | 6     | 22  | 2    | 43     | 17     | 0.3       | 3.6     | 0.81  | 93.3      | 36.1287 | 25.6253 |
| 2009 | 6     | 22  | 2    | 53     | 17     | 0.3       | 3.6     | 0.76  | 95.2      | 36.1287 | 24.1505 |
| 2009 | 6     | 22  | 3    | 3      | 17     | 0.3       | 3.6     | 0.76  | 93.2      | 36.1287 | 23.9399 |
| 2009 | 6     | 22  | 3    | 13     | 17     | 0.3       | 3.6     | 0.8   | 94.9      | 36.1287 | 25.4145 |
| 2009 | 6     | 22  | 3    | 23     | 17     | 0.3       | 3.6     | 0.73  | 94.4      | 36.1629 | 23.0149 |
| 2009 | 6     | 22  | 3    | 33     | 17     | 0.3       | 3.6     | 0.75  | 94.5      | 36.1287 | 23.6241 |
| 2009 | 6     | 22  | 3    | 43     | 17     | 0.3       | 3.6     | 0.76  | 94        | 36.1287 | 23.9399 |
| 2009 | 6     | 22  | 3    | 53     | 17     | 0.3       | 3.6     | 0.83  | 92.7      | 36.1629 | 26.4942 |
| 2009 | 6     | 22  | 4    | 3      | 17     | 0.3       | 3.6     | 0.74  | 95.8      | 36.1629 | 23.4364 |
| 2009 | 6     | 22  | 4    | 13     | 17     | 0.3       | 3.6     | 0.76  | 96.7      | 36.1629 | 23.8579 |
| 2009 | 6     | 22  | 4    | 23     | 17     | 0.3       | 3.6     | 0.8   | 91.4      | 36.1629 | 25.4393 |
| 2009 | 6     | 22  | 4    | 33     | 17     | 0.3       | 3.6     | 0.79  | 92.4      | 36.1629 | 25.0175 |
| 2009 | 6     | 22  | 4    | 43     | 17     | 0.3       | 3.6     | 0.77  | 92.9      | 36.1629 | 24.2795 |
| 2009 | 6     | 22  | 4    | 53     | 17     | 0.3       | 3.6     | 0.79  | 94.7      | 36.1629 | 25.1229 |
| 2009 | 6     | 22  | 5    | 3      | 17     | 0.3       | 3.6     | 0.82  | 92.3      | 36.197  | 25.9919 |
| 2009 | 6     | 22  | 5    | 13     | 17     | 0.3       | 3.6     | 0.81  | 94.2      | 36.197  | 25.5696 |
| 2009 | 6     | 22  | 5    | 23     | 17     | 0.3       | 3.6     | 0.83  | 95.4      | 36.197  | 26.4144 |
| 2009 | 6     | 22  | 5    | 33     | 17     | 0.3       | 3.6     | 0.82  | 93.2      | 36.197  | 25.9919 |
| 2009 | 6     | 22  | 5    | 43     | 17     | 0.3       | 3.6     | 0.78  | 93.6      | 36.197  | 24.8307 |
| 2009 | 6     | 22  | 5    | 53     | 17     | 0.3       | 3.6     | 0.79  | 95.9      | 36.197  | 25.1474 |
| 2009 | 6     | 22  | 6    | 3      | 17     | 0.3       | 3.6     | 0.8   | 92.1      | 36.197  | 25.3585 |
| 2009 | 6     | 22  | 6    | 13     | 17     | 0.3       | 3.6     | 0.79  | 95.5      | 36.197  | 25.0418 |
| 2009 | 6     | 22  | 6    | 23     | 17     | 0.3       | 3.6     | 0.76  | 94.9      | 36.197  | 24.0921 |
| 2009 | 6     | 22  | 6    | 33     | 17     | 0.3       | 3.6     | 0.77  | 95.6      | 36.197  | 24.5141 |
| 2009 | 6     | 22  | 6    | 43     | 17     | 0.3       | 3.6     | 0.76  | 94.7      | 36.197  | 24.1976 |
| 2009 | 6     | 22  | 6    | 53     | 17     | 0.3       | 3.6     | 0.73  | 94.6      | 36.197  | 23.2483 |
| 2009 | 6     | 22  | 7    | 3      | 17     | 0.3       | 3.6     | 0.76  | 96.2      | 36.197  | 24.0921 |
| 2009 | 6     | 22  | 7    | 13     | 17     | 0.3       | 3.6     | 0.76  | 94.9      | 36.197  | 24.0921 |
| 2009 | 6     | 22  | 7    | 23     | 17     | 0.3       | 3.6     | 0.77  | 93.4      | 36.197  | 24.4086 |
| 2009 | 6     | 22  | 7    | 33     | 17     | 0.3       | 3.6     | 0.72  | 97        | 36.197  | 22.8265 |
| 2009 | 6     | 22  | 7    | 43     | 17     | 0.3       | 3.6     | 0.76  | 94.7      | 36.197  | 24.1976 |
| 2009 | 6     | 22  | 7    | 53     | 17     | 0.3       | 3.6     | 0.75  | 94        | 36.197  | 23.6701 |
| 2009 | 6     | 22  | 8    | 3      | 17     | 0.3       | 3.6     | 0.79  | 94.8      | 36.197  | 24.9363 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 22  | 8    | 13     | 17     | 0.3       | 3.6     | 0.76  | 94.2      | 36.197  | 24.1976 |
| 2009 | 6     | 22  | 8    | 23     | 17     | 0.3       | 3.6     | 0.72  | 95        | 36.197  | 22.8265 |
| 2009 | 6     | 22  | 8    | 33     | 17     | 0.3       | 3.6     | 0.81  | 92.5      | 36.2311 | 25.8058 |
| 2009 | 6     | 22  | 8    | 43     | 17     | 0.3       | 3.6     | 0.76  | 93.7      | 36.197  | 24.0921 |
| 2009 | 6     | 22  | 8    | 53     | 17     | 0.3       | 3.6     | 0.81  | 92.5      | 36.2311 | 25.8058 |
| 2009 | 6     | 22  | 9    | 3      | 17     | 0.3       | 3.6     | 0.77  | 94.4      | 36.2311 | 24.3268 |
| 2009 | 6     | 22  | 9    | 13     | 17     | 0.3       | 3.6     | 0.79  | 95.5      | 36.2311 | 25.0662 |
| 2009 | 6     | 22  | 9    | 23     | 17     | 0.3       | 3.6     | 0.77  | 92.2      | 36.2311 | 24.538  |
| 2009 | 6     | 22  | 9    | 33     | 17     | 0.3       | 3.6     | 0.75  | 94.5      | 36.2311 | 23.6932 |
| 2009 | 6     | 22  | 9    | 43     | 17     | 0.3       | 3.6     | 0.75  | 93.5      | 36.2311 | 23.7987 |
| 2009 | 6     | 22  | 9    | 53     | 17     | 0.3       | 3.6     | 0.76  | 92.2      | 36.2311 | 24.1155 |
| 2009 | 6     | 22  | 10   | 3      | 17     | 0.3       | 3.6     | 0.71  | 95.3      | 36.2653 | 22.6595 |
| 2009 | 6     | 22  | 10   | 13     | 17     | 0.3       | 3.6     | 0.73  | 91.8      | 36.2311 | 23.0598 |
| 2009 | 6     | 22  | 10   | 23     | 17     | 0.3       | 3.6     | 0.77  | 91.5      | 36.2311 | 24.538  |
| 2009 | 6     | 22  | 10   | 33     | 17     | 0.3       | 3.6     | 0.77  | 92.2      | 36.2653 | 24.4561 |
| 2009 | 6     | 22  | 10   | 43     | 17     | 0.3       | 3.6     | 0.74  | 94.3      | 36.2653 | 23.6105 |
| 2009 | 6     | 22  | 10   | 53     | 17     | 0.3       | 3.6     | 0.7   | 94.8      | 36.2653 | 22.2359 |
| 2009 | 6     | 22  | 11   | 3      | 17     | 0.3       | 3.6     | 0.72  | 91.3      | 36.2994 | 22.8931 |
| 2009 | 6     | 22  | 11   | 13     | 17     | 0.3       | 3.6     | 0.73  | 91.3      | 36.2994 | 23.3161 |
| 2009 | 6     | 22  | 11   | 23     | 17     | 0.3       | 3.6     | 0.68  | 93.3      | 36.2653 | 21.7064 |
| 2009 | 6     | 22  | 11   | 33     | 17     | 0.3       | 3.6     | 0.7   | 95.1      | 36.2653 | 22.2359 |
| 2009 | 6     | 22  | 11   | 43     | 17     | 0.3       | 3.6     | 0.77  | 95.4      | 36.2653 | 24.3504 |
| 2009 | 6     | 22  | 11   | 53     | 17     | 0.3       | 3.6     | 0.73  | 96.5      | 36.2653 | 22.9765 |
| 2009 | 6     | 22  | 12   | 3      | 17     | 0.3       | 3.6     | 0.74  | 92        | 36.2653 | 23.3992 |
| 2009 | 6     | 22  | 12   | 13     | 17     | 0.3       | 3.6     | 0.75  | 95        | 36.2653 | 23.9276 |
| 2009 | 6     | 22  | 12   | 23     | 17     | 0.3       | 3.6     | 0.7   | 93.2      | 36.2653 | 22.3418 |
| 2009 | 6     | 22  | 12   | 33     | 17     | 0.3       | 3.6     | 0.72  | 92.1      | 36.2653 | 22.8709 |
| 2009 | 6     | 22  | 12   | 43     | 17     | 0.3       | 3.6     | 0.79  | 92.4      | 36.2653 | 25.0905 |
| 2009 | 6     | 22  | 12   | 53     | 17     | 0.3       | 3.6     | 0.68  | 95.6      | 36.2653 | 21.3889 |
| 2009 | 6     | 22  | 13   | 3      | 17     | 0.3       | 3.6     | 0.71  | 95.3      | 36.2653 | 22.4477 |
| 2009 | 6     | 22  | 13   | 13     | 17     | 0.3       | 3.6     | 0.73  | 91.8      | 36.2994 | 23.3161 |
| 2009 | 6     | 22  | 13   | 23     | 17     | 0.3       | 3.6     | 0.77  | 89        | 36.2994 | 24.6915 |
| 2009 | 6     | 22  | 13   | 33     | 17     | 0.3       | 3.6     | 0.78  | 91.2      | 36.2994 | 24.9032 |
| 2009 | 6     | 22  | 13   | 43     | 17     | 0.3       | 3.6     | 0.7   | 95.4      | 36.2994 | 22.1515 |
| 2009 | 6     | 22  | 13   | 53     | 17     | 0.3       | 3.6     | 0.77  | 91.2      | 36.2994 | 24.5857 |
| 2009 | 6     | 22  | 14   | 3      | 17     | 0.3       | 3.6     | 0.64  | 95.3      | 36.2994 | 20.2448 |
| 2009 | 6     | 22  | 14   | 13     | 17     | 0.3       | 3.6     | 0.72  | 94.2      | 36.2994 | 22.9988 |
| 2009 | 6     | 22  | 14   | 23     | 17     | 0.3       | 3.6     | 0.73  | 95.4      | 36.2994 | 23.1046 |
| 2009 | 6     | 22  | 14   | 33     | 17     | 0.3       | 3.6     | 0.71  | 94.2      | 36.2994 | 22.6816 |
| 2009 | 6     | 22  | 14   | 43     | 17     | 0.3       | 3.6     | 0.8   | 90.2      | 36.2994 | 25.5383 |
| 2009 | 6     | 22  | 14   | 53     | 17     | 0.3       | 3.6     | 0.73  | 92.3      | 36.2994 | 23.3161 |
| 2009 | 6     | 22  | 15   | 3      | 17     | 0.3       | 3.6     | 0.78  | 90.5      | 36.3335 | 24.9273 |
| 2009 | 6     | 22  | 15   | 13     | 17     | 0.3       | 3.6     | 0.74  | 94.3      | 36.3335 | 23.5505 |
| 2009 | 6     | 22  | 15   | 23     | 17     | 0.3       | 3.6     | 0.73  | 93.9      | 36.3335 | 23.127  |
| 2009 | 6     | 22  | 15   | 33     | 17     | 0.3       | 3.6     | 0.79  | 91.2      | 36.3335 | 25.2452 |
| 2009 | 6     | 22  | 15   | 43     | 17     | 0.3       | 3.6     | 0.74  | 95.6      | 36.3335 | 23.5505 |
| 2009 | 6     | 22  | 15   | 53     | 17     | 0.3       | 3.6     | 0.69  | 96.9      | 36.3335 | 21.7487 |
| 2009 | 6     | 22  | 16   | 3      | 17     | 0.3       | 3.6     | 0.78  | 93.1      | 36.3335 | 24.9273 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 22  | 16   | 13     | 17     | 0.3       | 3.6     | 0.71  | 93.2      | 36.3335 | 22.7036 |
| 2009 | 6     | 22  | 16   | 23     | 17     | 0.3       | 3.6     | 0.8   | 95.4      | 36.3335 | 25.4571 |
| 2009 | 6     | 22  | 16   | 33     | 17     | 0.3       | 3.6     | 0.77  | 92.5      | 36.3335 | 24.3977 |
| 2009 | 6     | 22  | 16   | 43     | 17     | 0.3       | 3.6     | 0.7   | 94.8      | 36.3335 | 22.3852 |
| 2009 | 6     | 22  | 16   | 53     | 17     | 0.3       | 3.6     | 0.71  | 93.4      | 36.3335 | 22.5975 |
| 2009 | 6     | 22  | 17   | 3      | 17     | 0.3       | 3.6     | 0.73  | 95.7      | 36.3335 | 23.0211 |
| 2009 | 6     | 22  | 17   | 13     | 17     | 0.3       | 3.6     | 0.82  | 92.1      | 36.3335 | 26.1991 |
| 2009 | 6     | 22  | 17   | 23     | 17     | 0.3       | 3.6     | 0.79  | 94.1      | 36.3676 | 25.1636 |
| 2009 | 6     | 22  | 17   | 33     | 17     | 0.3       | 3.6     | 0.75  | 93.2      | 36.3676 | 23.9972 |
| 2009 | 6     | 22  | 17   | 43     | 17     | 0.3       | 3.6     | 0.76  | 91.5      | 36.3676 | 24.4213 |
| 2009 | 6     | 22  | 17   | 53     | 17     | 0.3       | 3.6     | 0.74  | 94        | 36.3676 | 23.6793 |
| 2009 | 6     | 23  | 10   | 32     | 5      | 0.3       | 3.6     | 0.71  | 93.2      | 36.7086 | 22.9455 |
| 2009 | 6     | 23  | 10   | 42     | 5      | 0.3       | 3.6     | 0.77  | 94.2      | 36.7086 | 24.7646 |
| 2009 | 6     | 23  | 10   | 52     | 5      | 0.3       | 3.6     | 0.74  | 91.3      | 36.7086 | 23.9083 |
| 2009 | 6     | 23  | 11   | 2      | 5      | 0.3       | 3.6     | 0.78  | 94.6      | 36.7427 | 25.1098 |
| 2009 | 6     | 23  | 11   | 12     | 5      | 0.3       | 3.6     | 0.72  | 91.6      | 36.7086 | 23.1594 |
| 2009 | 6     | 23  | 11   | 22     | 5      | 0.3       | 3.6     | 0.71  | 94.3      | 36.7086 | 22.7315 |
| 2009 | 6     | 23  | 11   | 32     | 5      | 0.3       | 3.6     | 0.71  | 92.9      | 36.7086 | 22.9455 |
| 2009 | 6     | 23  | 11   | 42     | 5      | 0.3       | 3.6     | 0.73  | 92.6      | 36.7086 | 23.3734 |
| 2009 | 6     | 23  | 11   | 52     | 5      | 0.3       | 3.6     | 0.7   | 94.3      | 36.7086 | 22.517  |
| 2009 | 6     | 23  | 12   | 2      | 5      | 0.3       | 3.6     | 0.71  | 97.2      | 36.7086 | 22.6243 |
| 2009 | 6     | 23  | 12   | 7      | 13     | 0.3       | 3.6     | 0.7   | 95.1      | 36.7427 | 22.5386 |
| 2009 | 6     | 23  | 12   | 17     | 13     | 0.3       | 3.6     | 0.72  | 94.7      | 36.7086 | 23.2664 |
| 2009 | 6     | 23  | 12   | 27     | 13     | 0.3       | 3.6     | 0.67  | 94.7      | 36.7086 | 21.6594 |
| 2009 | 6     | 23  | 12   | 37     | 13     | 0.3       | 3.6     | 0.79  | 91.4      | 36.7086 | 25.5141 |
| 2009 | 6     | 23  | 12   | 47     | 13     | 0.3       | 3.6     | 0.73  | 94.1      | 36.7427 | 23.3957 |
| 2009 | 6     | 23  | 12   | 57     | 13     | 0.3       | 3.6     | 0.72  | 92.6      | 36.7427 | 23.2887 |
| 2009 | 6     | 23  | 13   | 7      | 13     | 0.3       | 3.6     | 0.73  | 91        | 36.7086 | 23.5873 |
| 2009 | 6     | 23  | 13   | 17     | 13     | 0.3       | 3.6     | 0.74  | 94        | 36.7427 | 23.9312 |
| 2009 | 6     | 23  | 13   | 27     | 13     | 0.3       | 3.6     | 0.73  | 94.4      | 36.7427 | 23.3957 |
| 2009 | 6     | 23  | 13   | 37     | 13     | 0.3       | 3.6     | 0.72  | 92.6      | 36.7427 | 23.2887 |
| 2009 | 6     | 23  | 13   | 47     | 13     | 0.3       | 3.6     | 0.7   | 93.5      | 36.7427 | 22.646  |
| 2009 | 6     | 23  | 13   | 57     | 13     | 0.3       | 3.6     | 0.74  | 92.5      | 36.7427 | 23.8241 |
| 2009 | 6     | 23  | 14   | 7      | 13     | 0.3       | 3.6     | 0.7   | 94.3      | 36.7427 | 22.4313 |
| 2009 | 6     | 23  | 14   | 17     | 13     | 0.3       | 3.6     | 0.75  | 92.8      | 36.7427 | 24.2526 |
| 2009 | 6     | 23  | 14   | 27     | 13     | 0.3       | 3.6     | 0.74  | 94.1      | 36.7427 | 23.717  |
| 2009 | 6     | 23  | 14   | 37     | 13     | 0.3       | 3.6     | 0.71  | 93.7      | 36.7767 | 22.9894 |
| 2009 | 6     | 23  | 14   | 47     | 13     | 0.3       | 3.6     | 0.71  | 91.9      | 36.7427 | 22.7533 |
| 2009 | 6     | 23  | 14   | 57     | 13     | 0.3       | 3.6     | 0.72  | 94.7      | 36.7427 | 23.0745 |
| 2009 | 6     | 23  | 15   | 7      | 13     | 0.3       | 3.6     | 0.68  | 93.6      | 36.7767 | 22.0231 |
| 2009 | 6     | 23  | 15   | 17     | 13     | 0.3       | 3.6     | 0.67  | 95        | 36.7427 | 21.5729 |
| 2009 | 6     | 23  | 15   | 27     | 13     | 0.3       | 3.6     | 0.71  | 95.8      | 36.7767 | 22.7751 |
| 2009 | 6     | 23  | 15   | 37     | 13     | 0.3       | 3.6     | 0.76  | 91.5      | 36.7767 | 24.7048 |
| 2009 | 6     | 23  | 15   | 47     | 13     | 0.3       | 3.6     | 0.71  | 91.9      | 36.7767 | 22.7751 |
| 2009 | 6     | 23  | 15   | 57     | 13     | 0.3       | 3.6     | 0.7   | 89.7      | 36.7767 | 22.6677 |
| 2009 | 6     | 23  | 16   | 7      | 13     | 0.3       | 3.6     | 0.75  | 93        | 36.7767 | 24.2758 |
| 2009 | 6     | 23  | 16   | 17     | 13     | 0.3       | 3.6     | 0.73  | 94.1      | 36.7767 | 23.4181 |
| 2009 | 6     | 23  | 16   | 27     | 13     | 0.3       | 3.6     | 0.7   | 92.1      | 36.7767 | 22.6677 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 23  | 16   | 37     | 13     | 0.3       | 3.6     | 0.75  | 91.8      | 36.7767 | 24.0613 |
| 2009 | 6     | 23  | 16   | 47     | 13     | 0.3       | 3.6     | 0.77  | 90.2      | 36.7427 | 24.8954 |
| 2009 | 6     | 23  | 16   | 57     | 13     | 0.3       | 3.6     | 0.75  | 95        | 36.7427 | 24.2526 |
| 2009 | 6     | 23  | 17   | 7      | 13     | 0.3       | 3.6     | 0.82  | 94.1      | 36.7767 | 26.5287 |
| 2009 | 6     | 23  | 17   | 17     | 13     | 0.3       | 3.6     | 0.74  | 92.5      | 36.7767 | 23.9541 |
| 2009 | 6     | 23  | 17   | 27     | 13     | 0.3       | 3.6     | 0.81  | 91.2      | 36.7767 | 26.0994 |
| 2009 | 6     | 23  | 17   | 37     | 13     | 0.3       | 3.6     | 0.73  | 94.9      | 36.7427 | 23.5028 |
| 2009 | 6     | 23  | 17   | 47     | 13     | 0.3       | 3.6     | 0.82  | 90.9      | 36.7427 | 26.3962 |
| 2009 | 6     | 23  | 17   | 57     | 13     | 0.3       | 3.6     | 0.75  | 92        | 36.7767 | 24.1686 |
| 2009 | 6     | 23  | 18   | 7      | 13     | 0.3       | 3.6     | 0.77  | 92.7      | 36.7767 | 24.9193 |
| 2009 | 6     | 23  | 18   | 17     | 13     | 0.3       | 3.6     | 0.69  | 94.1      | 36.7427 | 22.1093 |
| 2009 | 6     | 23  | 18   | 27     | 13     | 0.3       | 3.6     | 0.77  | 93.9      | 36.7427 | 24.6811 |
| 2009 | 6     | 23  | 18   | 37     | 13     | 0.3       | 3.6     | 0.84  | 92.9      | 36.7427 | 27.0396 |
| 2009 | 6     | 23  | 18   | 47     | 13     | 0.3       | 3.6     | 0.8   | 91.2      | 36.7427 | 25.9673 |
| 2009 | 6     | 23  | 18   | 57     | 13     | 0.3       | 3.6     | 0.75  | 93.7      | 36.7427 | 24.2526 |
| 2009 | 6     | 23  | 19   | 7      | 13     | 0.3       | 3.6     | 0.74  | 94.3      | 36.7767 | 23.7397 |
| 2009 | 6     | 23  | 19   | 17     | 13     | 0.3       | 3.6     | 0.76  | 90.2      | 36.7427 | 24.4669 |
| 2009 | 6     | 23  | 19   | 27     | 13     | 0.3       | 3.6     | 0.72  | 95.5      | 36.7427 | 23.0745 |
| 2009 | 6     | 23  | 19   | 37     | 13     | 0.3       | 3.6     | 0.73  | 92.3      | 36.7427 | 23.5028 |
| 2009 | 6     | 23  | 19   | 47     | 13     | 0.3       | 3.6     | 0.75  | 93        | 36.7427 | 24.2526 |
| 2009 | 6     | 23  | 19   | 57     | 13     | 0.3       | 3.6     | 0.79  | 91        | 36.7427 | 25.4313 |
| 2009 | 6     | 23  | 20   | 7      | 13     | 0.3       | 3.6     | 0.84  | 95.6      | 36.7427 | 26.9324 |
| 2009 | 6     | 23  | 20   | 17     | 13     | 0.3       | 3.6     | 0.8   | 93.1      | 36.7427 | 25.7529 |
| 2009 | 6     | 23  | 20   | 27     | 13     | 0.3       | 3.6     | 0.84  | 93.6      | 36.7427 | 27.1469 |
| 2009 | 6     | 23  | 20   | 37     | 13     | 0.3       | 3.6     | 0.77  | 93.4      | 36.7427 | 24.8954 |
| 2009 | 6     | 23  | 20   | 47     | 13     | 0.3       | 3.6     | 0.8   | 92.1      | 36.7427 | 25.9673 |
| 2009 | 6     | 23  | 20   | 57     | 13     | 0.3       | 3.6     | 0.81  | 92.5      | 36.7427 | 26.2889 |
| 2009 | 6     | 23  | 21   | 7      | 13     | 0.3       | 3.6     | 0.83  | 92.3      | 36.7427 | 26.7179 |
| 2009 | 6     | 23  | 21   | 17     | 13     | 0.3       | 3.6     | 0.78  | 95.6      | 36.7427 | 25.0026 |
| 2009 | 6     | 23  | 21   | 27     | 13     | 0.3       | 3.6     | 0.77  | 91.7      | 36.7427 | 24.8954 |
| 2009 | 6     | 23  | 21   | 37     | 13     | 0.3       | 3.6     | 0.82  | 93.7      | 36.7427 | 26.2889 |
| 2009 | 6     | 23  | 21   | 47     | 13     | 0.3       | 3.6     | 0.76  | 93.7      | 36.7427 | 24.574  |
| 2009 | 6     | 23  | 21   | 57     | 13     | 0.3       | 3.6     | 0.85  | 92        | 36.7427 | 27.3614 |
| 2009 | 6     | 23  | 22   | 7      | 13     | 0.3       | 3.6     | 0.79  | 95        | 36.7427 | 25.5385 |
| 2009 | 6     | 23  | 22   | 17     | 13     | 0.3       | 3.6     | 0.82  | 90.2      | 36.7427 | 26.6106 |
| 2009 | 6     | 23  | 22   | 27     | 13     | 0.3       | 3.6     | 0.81  | 95.5      | 36.7427 | 26.1817 |
| 2009 | 6     | 23  | 22   | 37     | 13     | 0.3       | 3.6     | 0.87  | 91.7      | 36.7427 | 28.0051 |
| 2009 | 6     | 23  | 22   | 47     | 13     | 0.3       | 3.6     | 0.78  | 95.1      | 36.7427 | 25.1098 |
| 2009 | 6     | 23  | 22   | 57     | 13     | 0.3       | 3.6     | 0.82  | 88.9      | 36.7427 | 26.5034 |
| 2009 | 6     | 23  | 23   | 7      | 13     | 0.3       | 3.6     | 0.79  | 93.6      | 36.7427 | 25.4313 |
| 2009 | 6     | 23  | 23   | 17     | 13     | 0.3       | 3.6     | 0.82  | 94.4      | 36.7427 | 26.3962 |
| 2009 | 6     | 23  | 23   | 27     | 13     | 0.3       | 3.6     | 0.78  | 93.4      | 36.7427 | 25.2169 |
| 2009 | 6     | 23  | 23   | 37     | 13     | 0.3       | 3.6     | 0.74  | 93.3      | 36.7427 | 23.9312 |
| 2009 | 6     | 23  | 23   | 47     | 13     | 0.3       | 3.6     | 0.79  | 93.6      | 36.7427 | 25.3241 |
| 2009 | 6     | 23  | 23   | 57     | 13     | 0.3       | 3.6     | 0.76  | 93        | 36.7427 | 24.574  |
| 2009 | 6     | 24  | 0    | 7      | 13     | 0.3       | 3.6     | 0.81  | 92.1      | 36.7427 | 26.2889 |
| 2009 | 6     | 24  | 0    | 17     | 13     | 0.3       | 3.6     | 0.81  | 91.2      | 36.7427 | 26.0745 |
| 2009 | 6     | 24  | 0    | 27     | 13     | 0.3       | 3.6     | 0.83  | 90.9      | 36.7427 | 26.8251 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 24  | 0    | 37     | 13     | 0.3       | 3.6     | 0.78  | 93.2      | 36.7427 | 25.0026 |
| 2009 | 6     | 24  | 0    | 47     | 13     | 0.3       | 3.6     | 0.82  | 94.4      | 36.7427 | 26.2889 |
| 2009 | 6     | 24  | 0    | 57     | 13     | 0.3       | 3.6     | 0.81  | 91.2      | 36.7427 | 26.1817 |
| 2009 | 6     | 24  | 1    | 7      | 13     | 0.3       | 3.6     | 0.78  | 95.1      | 36.7427 | 25.0026 |
| 2009 | 6     | 24  | 1    | 17     | 13     | 0.3       | 3.6     | 0.77  | 91.2      | 36.7427 | 25.0026 |
| 2009 | 6     | 24  | 1    | 27     | 13     | 0.3       | 3.6     | 0.82  | 91.8      | 36.7427 | 26.3962 |
| 2009 | 6     | 24  | 1    | 37     | 13     | 0.3       | 3.6     | 0.79  | 90        | 36.7427 | 25.5385 |
| 2009 | 6     | 24  | 1    | 47     | 13     | 0.3       | 3.6     | 0.77  | 93.7      | 36.7427 | 24.6811 |
| 2009 | 6     | 24  | 1    | 57     | 13     | 0.3       | 3.6     | 0.81  | 94        | 36.7427 | 25.9673 |
| 2009 | 6     | 24  | 2    | 7      | 13     | 0.3       | 3.6     | 0.82  | 93.2      | 36.7427 | 26.5034 |
| 2009 | 6     | 24  | 2    | 17     | 13     | 0.3       | 3.6     | 0.82  | 94.1      | 36.7767 | 26.4214 |
| 2009 | 6     | 24  | 2    | 27     | 13     | 0.3       | 3.6     | 0.86  | 92        | 36.7427 | 27.6833 |
| 2009 | 6     | 24  | 2    | 37     | 13     | 0.3       | 3.6     | 0.79  | 92.4      | 36.7427 | 25.4313 |
| 2009 | 6     | 24  | 2    | 47     | 13     | 0.3       | 3.6     | 0.86  | 92.2      | 36.7767 | 27.8171 |
| 2009 | 6     | 24  | 2    | 57     | 13     | 0.3       | 3.6     | 0.8   | 90.5      | 36.7767 | 25.7775 |
| 2009 | 6     | 24  | 3    | 7      | 13     | 0.3       | 3.6     | 0.81  | 94.4      | 36.7767 | 26.0994 |
| 2009 | 6     | 24  | 3    | 17     | 13     | 0.3       | 3.6     | 0.78  | 92.2      | 36.7767 | 25.2411 |
| 2009 | 6     | 24  | 3    | 27     | 13     | 0.3       | 3.6     | 0.79  | 91.2      | 36.8108 | 25.6947 |
| 2009 | 6     | 24  | 3    | 37     | 13     | 0.3       | 3.6     | 0.83  | 92.7      | 36.7767 | 26.8508 |
| 2009 | 6     | 24  | 3    | 47     | 13     | 0.3       | 3.6     | 0.86  | 92.2      | 36.8108 | 27.9512 |
| 2009 | 6     | 24  | 3    | 57     | 13     | 0.3       | 3.6     | 0.79  | 93.8      | 36.8108 | 25.48   |
| 2009 | 6     | 24  | 4    | 7      | 13     | 0.3       | 3.6     | 0.8   | 93.8      | 36.8108 | 25.8021 |
| 2009 | 6     | 24  | 4    | 17     | 13     | 0.3       | 3.6     | 0.86  | 92.4      | 36.8448 | 27.8703 |
| 2009 | 6     | 24  | 4    | 27     | 13     | 0.3       | 3.6     | 0.79  | 92.1      | 36.8789 | 25.5286 |
| 2009 | 6     | 24  | 4    | 37     | 13     | 0.3       | 3.6     | 0.79  | 93.3      | 36.8789 | 25.6362 |
| 2009 | 6     | 24  | 4    | 47     | 13     | 0.3       | 3.6     | 0.79  | 92.9      | 36.8789 | 25.421  |
| 2009 | 6     | 24  | 4    | 57     | 13     | 0.3       | 3.6     | 0.79  | 94.5      | 36.8789 | 25.421  |
| 2009 | 6     | 24  | 5    | 7      | 13     | 0.3       | 3.6     | 0.82  | 94.8      | 36.8789 | 26.6048 |
| 2009 | 6     | 24  | 5    | 17     | 13     | 0.3       | 3.6     | 0.78  | 94.8      | 36.8789 | 25.2058 |
| 2009 | 6     | 24  | 5    | 27     | 13     | 0.3       | 3.6     | 0.81  | 92.1      | 36.8789 | 26.1742 |
| 2009 | 6     | 24  | 5    | 37     | 13     | 0.3       | 3.6     | 0.84  | 92.7      | 36.8789 | 27.3584 |
| 2009 | 6     | 24  | 5    | 47     | 13     | 0.3       | 3.6     | 0.81  | 95.5      | 36.8789 | 26.2819 |
| 2009 | 6     | 24  | 5    | 57     | 13     | 0.3       | 3.6     | 0.81  | 93.5      | 36.8789 | 26.2819 |
| 2009 | 6     | 24  | 6    | 7      | 13     | 0.3       | 3.6     | 0.82  | 92.1      | 36.9129 | 26.5224 |
| 2009 | 6     | 24  | 6    | 17     | 13     | 0.3       | 3.6     | 0.84  | 91.8      | 36.8789 | 27.1431 |
| 2009 | 6     | 24  | 6    | 27     | 13     | 0.3       | 3.6     | 0.76  | 93        | 36.9129 | 24.5839 |
| 2009 | 6     | 24  | 6    | 37     | 13     | 0.3       | 3.6     | 0.76  | 94.7      | 36.9129 | 24.5839 |
| 2009 | 6     | 24  | 6    | 47     | 13     | 0.3       | 3.6     | 0.78  | 94.6      | 36.9129 | 25.1222 |
| 2009 | 6     | 24  | 6    | 57     | 13     | 0.3       | 3.6     | 0.79  | 94.1      | 36.9129 | 25.4452 |
| 2009 | 6     | 24  | 7    | 7      | 13     | 0.3       | 3.6     | 0.81  | 94.4      | 36.9129 | 26.0915 |
| 2009 | 6     | 24  | 7    | 17     | 13     | 0.3       | 3.6     | 0.78  | 93.6      | 36.9129 | 25.1222 |
| 2009 | 6     | 24  | 7    | 27     | 13     | 0.3       | 3.6     | 0.81  | 92.6      | 36.9129 | 26.1992 |
| 2009 | 6     | 24  | 7    | 37     | 13     | 0.3       | 3.6     | 0.79  | 92.1      | 36.9129 | 25.5529 |
| 2009 | 6     | 24  | 7    | 47     | 13     | 0.3       | 3.6     | 0.84  | 94        | 36.9129 | 27.1689 |
| 2009 | 6     | 24  | 7    | 57     | 13     | 0.3       | 3.6     | 0.8   | 94.5      | 36.9129 | 25.876  |
| 2009 | 6     | 24  | 8    | 7      | 13     | 0.3       | 3.6     | 0.75  | 96.3      | 36.9129 | 24.1533 |
| 2009 | 6     | 24  | 8    | 17     | 13     | 0.3       | 3.6     | 0.79  | 91.9      | 36.9129 | 25.5529 |
| 2009 | 6     | 24  | 8    | 27     | 13     | 0.3       | 3.6     | 0.78  | 93.9      | 36.9129 | 25.1222 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 24  | 8    | 37     | 13     | 0.3       | 3.6     | 0.82  | 94.3      | 36.9129 | 26.6301 |
| 2009 | 6     | 24  | 8    | 47     | 13     | 0.3       | 3.6     | 0.79  | 91        | 36.9129 | 25.6606 |
| 2009 | 6     | 24  | 8    | 57     | 13     | 0.3       | 3.6     | 0.76  | 94.9      | 36.9129 | 24.6915 |
| 2009 | 6     | 24  | 9    | 7      | 13     | 0.3       | 3.6     | 0.79  | 92.8      | 36.9129 | 25.7683 |
| 2009 | 6     | 24  | 9    | 17     | 13     | 0.3       | 3.6     | 0.78  | 90.7      | 36.9129 | 25.3375 |
| 2009 | 6     | 24  | 9    | 27     | 13     | 0.3       | 3.6     | 0.76  | 94.9      | 36.9129 | 24.6915 |
| 2009 | 6     | 24  | 9    | 37     | 13     | 0.3       | 3.6     | 0.72  | 92.6      | 36.9129 | 23.2925 |
| 2009 | 6     | 24  | 9    | 47     | 13     | 0.3       | 3.6     | 0.79  | 91.9      | 36.9129 | 25.7683 |
| 2009 | 6     | 24  | 9    | 57     | 13     | 0.3       | 3.6     | 0.77  | 92.7      | 36.9129 | 24.7992 |
| 2009 | 6     | 24  | 10   | 7      | 13     | 0.3       | 3.6     | 0.79  | 92.1      | 36.9129 | 25.6606 |
| 2009 | 6     | 24  | 10   | 17     | 13     | 0.3       | 3.6     | 0.75  | 92.3      | 36.9129 | 24.1533 |
| 2009 | 6     | 24  | 10   | 27     | 13     | 0.3       | 3.6     | 0.76  | 95.7      | 36.9129 | 24.6915 |
| 2009 | 6     | 24  | 10   | 37     | 13     | 0.3       | 3.6     | 0.73  | 93.1      | 36.9129 | 23.5077 |
| 2009 | 6     | 24  | 10   | 47     | 13     | 0.3       | 3.6     | 0.78  | 93.6      | 36.9129 | 25.3375 |
| 2009 | 6     | 24  | 10   | 57     | 13     | 0.3       | 3.6     | 0.77  | 92.4      | 36.9129 | 25.1222 |
| 2009 | 6     | 24  | 11   | 7      | 13     | 0.3       | 3.6     | 0.79  | 95.7      | 36.9129 | 25.4452 |
| 2009 | 6     | 24  | 11   | 17     | 13     | 0.3       | 3.6     | 0.74  | 95.6      | 36.9129 | 24.0457 |
| 2009 | 6     | 24  | 11   | 27     | 13     | 0.3       | 3.6     | 0.73  | 93.6      | 36.9129 | 23.7229 |
| 2009 | 6     | 24  | 11   | 37     | 13     | 0.3       | 3.6     | 0.77  | 90.7      | 36.8789 | 24.9907 |
| 2009 | 6     | 24  | 11   | 47     | 13     | 0.3       | 3.6     | 0.73  | 91.3      | 36.8789 | 23.5928 |
| 2009 | 6     | 24  | 11   | 57     | 13     | 0.3       | 3.6     | 0.69  | 93.8      | 36.8789 | 22.4096 |
| 2009 | 6     | 24  | 12   | 7      | 13     | 0.3       | 3.6     | 0.75  | 93        | 36.8448 | 24.2148 |
| 2009 | 6     | 24  | 12   | 17     | 13     | 0.3       | 3.6     | 0.71  | 94.5      | 36.8448 | 22.8187 |
| 2009 | 6     | 24  | 12   | 27     | 13     | 0.3       | 3.6     | 0.72  | 91.6      | 36.8108 | 23.2259 |
| 2009 | 6     | 24  | 12   | 37     | 13     | 0.3       | 3.6     | 0.73  | 95.1      | 36.8108 | 23.5478 |
| 2009 | 6     | 24  | 12   | 47     | 13     | 0.3       | 3.6     | 0.73  | 94.9      | 36.8108 | 23.4405 |
| 2009 | 6     | 24  | 12   | 57     | 13     | 0.3       | 3.6     | 0.75  | 92.8      | 36.8108 | 24.0843 |
| 2009 | 6     | 24  | 13   | 7      | 13     | 0.3       | 3.6     | 0.73  | 92.1      | 36.8108 | 23.5478 |
| 2009 | 6     | 24  | 13   | 17     | 13     | 0.3       | 3.6     | 0.76  | 93.2      | 36.8108 | 24.621  |
| 2009 | 6     | 24  | 13   | 27     | 13     | 0.3       | 3.6     | 0.68  | 95.5      | 36.8108 | 21.8292 |
| 2009 | 6     | 24  | 13   | 37     | 13     | 0.3       | 3.6     | 0.71  | 91.6      | 36.7767 | 22.8823 |
| 2009 | 6     | 24  | 13   | 47     | 13     | 0.3       | 3.6     | 0.7   | 92.9      | 36.7767 | 22.6677 |
| 2009 | 6     | 24  | 13   | 57     | 13     | 0.3       | 3.6     | 0.73  | 92.8      | 36.7767 | 23.4181 |
| 2009 | 6     | 24  | 14   | 7      | 13     | 0.3       | 3.6     | 0.78  | 91.4      | 36.7767 | 25.3483 |
| 2009 | 6     | 24  | 14   | 17     | 13     | 0.3       | 3.6     | 0.75  | 90.8      | 36.7767 | 24.2758 |
| 2009 | 6     | 24  | 14   | 27     | 13     | 0.3       | 3.6     | 0.78  | 94.4      | 36.7767 | 25.0265 |
| 2009 | 6     | 24  | 14   | 37     | 13     | 0.3       | 3.6     | 0.81  | 93.3      | 36.7767 | 26.0994 |
| 2009 | 6     | 24  | 14   | 47     | 13     | 0.3       | 3.6     | 0.76  | 94.2      | 36.7767 | 24.383  |
| 2009 | 6     | 24  | 14   | 57     | 13     | 0.3       | 3.6     | 0.75  | 93.5      | 36.7767 | 24.0613 |
| 2009 | 6     | 24  | 15   | 7      | 13     | 0.3       | 3.6     | 0.72  | 93.9      | 36.7767 | 23.2038 |
| 2009 | 6     | 24  | 15   | 17     | 13     | 0.3       | 3.6     | 0.78  | 92.2      | 36.7767 | 25.1338 |
| 2009 | 6     | 24  | 15   | 27     | 13     | 0.3       | 3.6     | 0.77  | 90        | 36.7767 | 24.812  |
| 2009 | 6     | 24  | 15   | 37     | 13     | 0.3       | 3.6     | 0.74  | 92        | 36.7767 | 23.9541 |
| 2009 | 6     | 24  | 15   | 47     | 13     | 0.3       | 3.6     | 0.77  | 91.5      | 36.7767 | 24.812  |
| 2009 | 6     | 24  | 15   | 57     | 13     | 0.3       | 3.6     | 0.8   | 91.2      | 36.7427 | 25.8601 |
| 2009 | 6     | 24  | 16   | 7      | 13     | 0.3       | 3.6     | 0.79  | 92.9      | 36.7427 | 25.3241 |
| 2009 | 6     | 24  | 16   | 17     | 13     | 0.3       | 3.6     | 0.81  | 92.1      | 36.7427 | 26.1817 |
| 2009 | 6     | 24  | 16   | 27     | 13     | 0.3       | 3.6     | 0.82  | 91.6      | 36.7427 | 26.5034 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 24  | 16   | 37     | 13     | 0.3       | 3.6     | 0.8   | 93        | 36.7427 | 25.8601 |
| 2009 | 6     | 24  | 16   | 47     | 13     | 0.3       | 3.6     | 0.77  | 91.2      | 36.7427 | 24.7883 |
| 2009 | 6     | 24  | 16   | 57     | 13     | 0.3       | 3.6     | 0.74  | 92.8      | 36.7427 | 23.9312 |
| 2009 | 6     | 24  | 17   | 7      | 13     | 0.3       | 3.6     | 0.74  | 94.6      | 36.7427 | 23.9312 |
| 2009 | 6     | 24  | 17   | 17     | 13     | 0.3       | 3.6     | 0.79  | 90.5      | 36.7086 | 25.6211 |
| 2009 | 6     | 24  | 17   | 27     | 13     | 0.3       | 3.6     | 0.76  | 92.5      | 36.7086 | 24.5505 |
| 2009 | 6     | 24  | 17   | 37     | 13     | 0.3       | 3.6     | 0.8   | 87.9      | 36.7086 | 25.9424 |
| 2009 | 6     | 24  | 17   | 47     | 13     | 0.3       | 3.6     | 0.74  | 91.5      | 36.7086 | 23.9083 |
| 2009 | 6     | 24  | 17   | 57     | 13     | 0.3       | 3.6     | 0.77  | 93.7      | 36.7086 | 24.7646 |
| 2009 | 6     | 24  | 18   | 7      | 13     | 0.3       | 3.6     | 0.74  | 91        | 36.7086 | 23.8013 |
| 2009 | 6     | 24  | 18   | 17     | 13     | 0.3       | 3.6     | 0.82  | 91.6      | 36.7086 | 26.478  |
| 2009 | 6     | 24  | 18   | 27     | 13     | 0.3       | 3.6     | 0.79  | 90        | 36.7086 | 25.407  |
| 2009 | 6     | 24  | 18   | 37     | 13     | 0.3       | 3.6     | 0.76  | 93.7      | 36.6745 | 24.3131 |
| 2009 | 6     | 24  | 18   | 47     | 13     | 0.3       | 3.6     | 0.75  | 94        | 36.6745 | 24.0993 |
| 2009 | 6     | 24  | 18   | 57     | 13     | 0.3       | 3.6     | 0.81  | 91.4      | 36.6745 | 26.2386 |
| 2009 | 6     | 24  | 19   | 7      | 13     | 0.3       | 3.6     | 0.85  | 89.3      | 36.6745 | 27.4162 |
| 2009 | 6     | 24  | 19   | 17     | 13     | 0.3       | 3.6     | 0.79  | 93.6      | 36.6745 | 25.3826 |
| 2009 | 6     | 24  | 19   | 27     | 13     | 0.3       | 3.6     | 0.75  | 92.8      | 36.6745 | 24.2062 |
| 2009 | 6     | 24  | 19   | 37     | 13     | 0.3       | 3.6     | 0.75  | 90        | 36.6745 | 24.0993 |
| 2009 | 6     | 24  | 19   | 47     | 13     | 0.3       | 3.6     | 0.78  | 90.7      | 36.6745 | 25.1687 |
| 2009 | 6     | 24  | 19   | 57     | 13     | 0.3       | 3.6     | 0.83  | 90.9      | 36.6745 | 26.6668 |
| 2009 | 6     | 24  | 20   | 7      | 13     | 0.3       | 3.6     | 0.77  | 93.7      | 36.6745 | 24.7409 |
| 2009 | 6     | 24  | 20   | 17     | 13     | 0.3       | 3.6     | 0.75  | 93.3      | 36.7086 | 24.1224 |
| 2009 | 6     | 24  | 20   | 27     | 13     | 0.3       | 3.6     | 0.77  | 91.9      | 36.7086 | 24.9787 |
| 2009 | 6     | 24  | 20   | 37     | 13     | 0.3       | 3.6     | 0.74  | 93.8      | 36.7086 | 23.9083 |
| 2009 | 6     | 24  | 20   | 47     | 13     | 0.3       | 3.6     | 0.77  | 93.2      | 36.7086 | 24.7646 |
| 2009 | 6     | 24  | 20   | 57     | 13     | 0.3       | 3.6     | 0.82  | 91.2      | 36.7086 | 26.3709 |
| 2009 | 6     | 24  | 21   | 7      | 13     | 0.3       | 3.6     | 0.83  | 92        | 36.7427 | 26.7179 |
| 2009 | 6     | 24  | 21   | 17     | 13     | 0.3       | 3.6     | 0.79  | 90        | 36.7427 | 25.5385 |
| 2009 | 6     | 24  | 21   | 27     | 13     | 0.3       | 3.6     | 0.77  | 94.7      | 36.7427 | 24.6811 |
| 2009 | 6     | 24  | 21   | 37     | 13     | 0.3       | 3.6     | 0.83  | 89.5      | 36.7427 | 26.8251 |
| 2009 | 6     | 24  | 21   | 47     | 13     | 0.3       | 3.6     | 0.79  | 90.5      | 36.7427 | 25.6457 |
| 2009 | 6     | 24  | 21   | 57     | 13     | 0.3       | 3.6     | 0.85  | 92.2      | 36.7767 | 27.6023 |
| 2009 | 6     | 24  | 22   | 7      | 13     | 0.3       | 3.6     | 0.79  | 93.3      | 36.7767 | 25.4556 |
| 2009 | 6     | 24  | 22   | 17     | 13     | 0.3       | 3.6     | 0.81  | 93.2      | 36.7767 | 26.3141 |
| 2009 | 6     | 24  | 22   | 27     | 13     | 0.3       | 3.6     | 0.83  | 90        | 36.7767 | 26.9581 |
| 2009 | 6     | 24  | 22   | 37     | 13     | 0.3       | 3.6     | 0.82  | 92.5      | 36.8108 | 26.6615 |
| 2009 | 6     | 24  | 22   | 47     | 13     | 0.3       | 3.6     | 0.88  | 90.2      | 36.8108 | 28.5963 |
| 2009 | 6     | 24  | 22   | 57     | 13     | 0.3       | 3.6     | 0.82  | 92.1      | 36.8108 | 26.6615 |
| 2009 | 6     | 24  | 23   | 7      | 13     | 0.3       | 3.6     | 0.8   | 90.2      | 36.8108 | 25.9095 |
| 2009 | 6     | 24  | 23   | 17     | 13     | 0.3       | 3.6     | 0.81  | 93.7      | 36.8448 | 26.2568 |
| 2009 | 6     | 24  | 23   | 27     | 13     | 0.3       | 3.6     | 0.79  | 93.1      | 36.8448 | 25.6118 |
| 2009 | 6     | 24  | 23   | 37     | 13     | 0.3       | 3.6     | 0.84  | 93.1      | 36.8789 | 27.3584 |
| 2009 | 6     | 24  | 23   | 47     | 13     | 0.3       | 3.6     | 0.81  | 93.3      | 36.9129 | 26.0915 |
| 2009 | 6     | 24  | 23   | 57     | 13     | 0.3       | 3.6     | 0.77  | 92.4      | 36.9129 | 25.1222 |
| 2009 | 6     | 25  | 0    | 7      | 13     | 0.3       | 3.6     | 0.81  | 94.2      | 36.947  | 26.1163 |
| 2009 | 6     | 25  | 0    | 17     | 13     | 0.3       | 3.6     | 0.79  | 92.6      | 36.947  | 25.7928 |
| 2009 | 6     | 25  | 0    | 27     | 13     | 0.3       | 3.6     | 0.82  | 90.9      | 36.981  | 26.6808 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 25  | 0    | 37     | 13     | 0.3       | 3.6     | 0.85  | 94.4      | 36.981  | 27.5445 |
| 2009 | 6     | 25  | 0    | 47     | 13     | 0.3       | 3.6     | 0.87  | 93.9      | 36.981  | 28.1926 |
| 2009 | 6     | 25  | 0    | 57     | 13     | 0.3       | 3.6     | 0.77  | 93.7      | 36.981  | 24.9542 |
| 2009 | 6     | 25  | 1    | 7      | 13     | 0.3       | 3.6     | 0.8   | 91.9      | 37.0151 | 26.0579 |
| 2009 | 6     | 25  | 1    | 17     | 13     | 0.3       | 3.6     | 0.83  | 91.1      | 37.0151 | 27.1384 |
| 2009 | 6     | 25  | 1    | 27     | 13     | 0.3       | 3.6     | 0.8   | 91.9      | 37.0151 | 26.0579 |
| 2009 | 6     | 25  | 1    | 37     | 13     | 0.3       | 3.6     | 0.79  | 93.6      | 37.0151 | 25.6259 |
| 2009 | 6     | 25  | 1    | 47     | 13     | 0.3       | 3.6     | 0.82  | 90.2      | 37.0491 | 26.6233 |
| 2009 | 6     | 25  | 1    | 57     | 13     | 0.3       | 3.6     | 0.79  | 92.6      | 37.0491 | 25.8664 |
| 2009 | 6     | 25  | 2    | 7      | 13     | 0.3       | 3.6     | 0.8   | 93.5      | 37.0491 | 25.9745 |
| 2009 | 6     | 25  | 2    | 17     | 13     | 0.3       | 3.6     | 0.82  | 92.3      | 37.0491 | 26.7315 |
| 2009 | 6     | 25  | 2    | 27     | 13     | 0.3       | 3.6     | 0.84  | 90.9      | 37.0491 | 27.3805 |
| 2009 | 6     | 25  | 2    | 37     | 13     | 0.3       | 3.6     | 0.8   | 92.8      | 37.0491 | 25.9745 |
| 2009 | 6     | 25  | 2    | 47     | 13     | 0.3       | 3.6     | 0.81  | 90.9      | 37.0491 | 26.2989 |
| 2009 | 6     | 25  | 2    | 57     | 13     | 0.3       | 3.6     | 0.77  | 93.9      | 37.0831 | 25.0253 |
| 2009 | 6     | 25  | 3    | 7      | 13     | 0.3       | 3.6     | 0.83  | 92.3      | 37.0831 | 27.1898 |
| 2009 | 6     | 25  | 3    | 17     | 13     | 0.3       | 3.6     | 0.81  | 92.5      | 37.0831 | 26.432  |
| 2009 | 6     | 25  | 3    | 27     | 13     | 0.3       | 3.6     | 0.79  | 94.5      | 37.0831 | 25.5663 |
| 2009 | 6     | 25  | 3    | 37     | 13     | 0.3       | 3.6     | 0.79  | 90.2      | 37.0831 | 25.8909 |
| 2009 | 6     | 25  | 3    | 47     | 13     | 0.3       | 3.6     | 0.85  | 93.1      | 37.0831 | 27.623  |
| 2009 | 6     | 25  | 3    | 57     | 13     | 0.3       | 3.6     | 0.78  | 93.9      | 37.0831 | 25.3499 |
| 2009 | 6     | 25  | 4    | 7      | 13     | 0.3       | 3.6     | 0.81  | 96.3      | 37.0831 | 26.3238 |
| 2009 | 6     | 25  | 4    | 17     | 13     | 0.3       | 3.6     | 0.79  | 96.2      | 37.0831 | 25.4581 |
| 2009 | 6     | 25  | 4    | 27     | 13     | 0.3       | 3.6     | 0.83  | 94.1      | 37.0831 | 27.0816 |
| 2009 | 6     | 25  | 4    | 37     | 13     | 0.3       | 3.6     | 0.83  | 92.7      | 37.0831 | 27.1898 |
| 2009 | 6     | 25  | 4    | 47     | 13     | 0.3       | 3.6     | 0.75  | 95        | 37.0831 | 24.3764 |
| 2009 | 6     | 25  | 4    | 57     | 13     | 0.3       | 3.6     | 0.83  | 94.3      | 37.1171 | 26.9988 |
| 2009 | 6     | 25  | 5    | 7      | 13     | 0.3       | 3.6     | 0.81  | 94        | 37.1171 | 26.3487 |
| 2009 | 6     | 25  | 5    | 17     | 13     | 0.3       | 3.6     | 0.78  | 94.8      | 37.0831 | 25.3499 |
| 2009 | 6     | 25  | 5    | 27     | 13     | 0.3       | 3.6     | 0.77  | 93.7      | 37.1171 | 24.9408 |
| 2009 | 6     | 25  | 5    | 37     | 13     | 0.3       | 3.6     | 0.79  | 91.4      | 37.1171 | 25.9154 |
| 2009 | 6     | 25  | 5    | 47     | 13     | 0.3       | 3.6     | 0.75  | 95        | 37.1171 | 24.3995 |
| 2009 | 6     | 25  | 5    | 57     | 13     | 0.3       | 3.6     | 0.79  | 92.6      | 37.1171 | 25.9154 |
| 2009 | 6     | 25  | 6    | 7      | 13     | 0.3       | 3.6     | 0.82  | 93.4      | 37.1171 | 26.6738 |
| 2009 | 6     | 25  | 6    | 17     | 13     | 0.3       | 3.6     | 0.77  | 93.2      | 37.1171 | 24.9408 |
| 2009 | 6     | 25  | 6    | 27     | 13     | 0.3       | 3.6     | 0.81  | 93.3      | 37.1511 | 26.2652 |
| 2009 | 6     | 25  | 6    | 37     | 13     | 0.3       | 3.6     | 0.79  | 93.6      | 37.1511 | 25.7231 |
| 2009 | 6     | 25  | 6    | 47     | 13     | 0.3       | 3.6     | 0.76  | 93.7      | 37.1511 | 24.856  |
| 2009 | 6     | 25  | 6    | 57     | 13     | 0.3       | 3.6     | 0.74  | 93.8      | 37.1511 | 23.9892 |
| 2009 | 6     | 25  | 7    | 7      | 13     | 0.3       | 3.6     | 0.81  | 92.6      | 37.1511 | 26.3736 |
| 2009 | 6     | 25  | 7    | 17     | 13     | 0.3       | 3.6     | 0.79  | 95        | 37.1511 | 25.7231 |
| 2009 | 6     | 25  | 7    | 27     | 13     | 0.3       | 3.6     | 0.84  | 90.9      | 37.1511 | 27.4583 |
| 2009 | 6     | 25  | 7    | 37     | 13     | 0.3       | 3.6     | 0.78  | 92.4      | 37.1511 | 25.3979 |
| 2009 | 6     | 25  | 7    | 47     | 13     | 0.3       | 3.6     | 0.82  | 92.1      | 37.1511 | 26.699  |
| 2009 | 6     | 25  | 7    | 57     | 13     | 0.3       | 3.6     | 0.82  | 91.1      | 37.1511 | 26.9159 |
| 2009 | 6     | 25  | 8    | 7      | 13     | 0.3       | 3.6     | 0.78  | 92.2      | 37.1852 | 25.4219 |
| 2009 | 6     | 25  | 8    | 17     | 13     | 0.3       | 3.6     | 0.85  | 90.2      | 37.1511 | 27.6753 |
| 2009 | 6     | 25  | 8    | 27     | 13     | 0.3       | 3.6     | 0.76  | 92        | 37.1511 | 24.856  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 25  | 8    | 37     | 13     | 0.3       | 3.6     | 0.72  | 94.2      | 37.1511 | 23.5559 |
| 2009 | 6     | 25  | 8    | 47     | 13     | 0.3       | 3.6     | 0.75  | 96        | 37.1511 | 24.3142 |
| 2009 | 6     | 25  | 8    | 57     | 13     | 0.3       | 3.6     | 0.71  | 92.6      | 37.1511 | 23.2311 |
| 2009 | 6     | 25  | 9    | 7      | 13     | 0.3       | 3.6     | 0.8   | 95.9      | 37.1171 | 26.1321 |
| 2009 | 6     | 25  | 9    | 17     | 13     | 0.3       | 3.6     | 0.8   | 94.5      | 37.1511 | 25.9399 |
| 2009 | 6     | 25  | 9    | 27     | 13     | 0.3       | 3.6     | 0.83  | 93.4      | 37.1171 | 26.9988 |
| 2009 | 6     | 25  | 9    | 37     | 13     | 0.3       | 3.6     | 0.76  | 93.5      | 37.1171 | 24.8325 |
| 2009 | 6     | 25  | 9    | 47     | 13     | 0.3       | 3.6     | 0.77  | 91.9      | 37.1171 | 25.1573 |
| 2009 | 6     | 25  | 9    | 57     | 13     | 0.3       | 3.6     | 0.78  | 93.4      | 37.1171 | 25.3739 |
| 2009 | 6     | 25  | 10   | 7      | 13     | 0.3       | 3.6     | 0.76  | 92.5      | 37.1171 | 24.7242 |
| 2009 | 6     | 25  | 10   | 17     | 13     | 0.3       | 3.6     | 0.78  | 90.2      | 37.1171 | 25.3739 |
| 2009 | 6     | 25  | 10   | 27     | 13     | 0.3       | 3.6     | 0.78  | 92.4      | 37.1171 | 25.5905 |
| 2009 | 6     | 25  | 10   | 37     | 13     | 0.3       | 3.6     | 0.82  | 92.5      | 37.0831 | 26.7568 |
| 2009 | 6     | 25  | 10   | 47     | 13     | 0.3       | 3.6     | 0.77  | 92.7      | 37.0831 | 24.9172 |
| 2009 | 6     | 25  | 10   | 57     | 13     | 0.3       | 3.6     | 0.71  | 94.5      | 37.1171 | 23.1009 |
| 2009 | 6     | 25  | 11   | 7      | 13     | 0.3       | 3.6     | 0.78  | 91.9      | 37.0831 | 25.5663 |
| 2009 | 6     | 25  | 11   | 17     | 13     | 0.3       | 3.6     | 0.75  | 96.3      | 37.0831 | 24.1601 |
| 2009 | 6     | 25  | 11   | 27     | 13     | 0.3       | 3.6     | 0.79  | 92.9      | 37.0831 | 25.7827 |
| 2009 | 6     | 25  | 11   | 37     | 13     | 0.3       | 3.6     | 0.77  | 92.4      | 37.0831 | 25.0253 |
| 2009 | 6     | 25  | 11   | 47     | 13     | 0.3       | 3.6     | 0.83  | 91.6      | 37.0831 | 27.0816 |
| 2009 | 6     | 25  | 11   | 57     | 13     | 0.3       | 3.6     | 0.75  | 94.5      | 37.0831 | 24.2682 |
| 2009 | 6     | 25  | 12   | 7      | 13     | 0.3       | 3.6     | 0.78  | 92.9      | 37.0831 | 25.2417 |
| 2009 | 6     | 25  | 12   | 17     | 13     | 0.3       | 3.6     | 0.74  | 93.6      | 37.0831 | 24.052  |
| 2009 | 6     | 25  | 12   | 27     | 13     | 0.3       | 3.6     | 0.77  | 89.8      | 37.0831 | 25.1335 |
| 2009 | 6     | 25  | 12   | 37     | 13     | 0.3       | 3.6     | 0.73  | 95.7      | 37.1171 | 23.6419 |
| 2009 | 6     | 25  | 12   | 47     | 13     | 0.3       | 3.6     | 0.75  | 95.8      | 37.0831 | 24.2682 |
| 2009 | 6     | 25  | 12   | 57     | 13     | 0.3       | 3.6     | 0.78  | 93.2      | 37.0831 | 25.2417 |
| 2009 | 6     | 25  | 13   | 7      | 13     | 0.3       | 3.6     | 0.77  | 93.7      | 37.1171 | 24.9408 |
| 2009 | 6     | 25  | 13   | 17     | 13     | 0.3       | 3.6     | 0.75  | 93.8      | 37.1171 | 24.2912 |
| 2009 | 6     | 25  | 13   | 27     | 13     | 0.3       | 3.6     | 0.71  | 92.6      | 37.1171 | 23.2091 |
| 2009 | 6     | 25  | 13   | 37     | 13     | 0.3       | 3.6     | 0.79  | 90.5      | 37.1171 | 25.6988 |
| 2009 | 6     | 25  | 13   | 47     | 13     | 0.3       | 3.6     | 0.75  | 95.5      | 37.1171 | 24.2912 |
| 2009 | 6     | 25  | 13   | 57     | 13     | 0.3       | 3.6     | 0.79  | 92.9      | 37.1171 | 25.6988 |
| 2009 | 6     | 25  | 14   | 7      | 13     | 0.3       | 3.6     | 0.83  | 88.4      | 37.1171 | 27.1072 |
| 2009 | 6     | 25  | 14   | 17     | 13     | 0.3       | 3.6     | 0.74  | 93.3      | 37.1171 | 23.9665 |
| 2009 | 6     | 25  | 14   | 27     | 13     | 0.3       | 3.6     | 0.77  | 89.3      | 37.1171 | 25.049  |
| 2009 | 6     | 25  | 14   | 37     | 13     | 0.3       | 3.6     | 0.8   | 90.2      | 37.1171 | 26.0237 |
| 2009 | 6     | 25  | 14   | 47     | 13     | 0.3       | 3.6     | 0.75  | 90        | 37.1171 | 24.616  |
| 2009 | 6     | 25  | 14   | 57     | 13     | 0.3       | 3.6     | 0.75  | 93.7      | 37.0831 | 24.4845 |
| 2009 | 6     | 25  | 15   | 7      | 13     | 0.3       | 3.6     | 0.8   | 90.2      | 37.1171 | 26.0237 |
| 2009 | 6     | 25  | 15   | 17     | 13     | 0.3       | 3.6     | 0.74  | 90        | 37.1171 | 24.2912 |
| 2009 | 6     | 25  | 15   | 27     | 13     | 0.3       | 3.6     | 0.74  | 91.3      | 37.0831 | 23.9439 |
| 2009 | 6     | 25  | 15   | 37     | 13     | 0.3       | 3.6     | 0.85  | 90.9      | 37.0831 | 27.623  |
| 2009 | 6     | 25  | 15   | 47     | 13     | 0.3       | 3.6     | 0.84  | 91.3      | 37.0831 | 27.4064 |
| 2009 | 6     | 25  | 15   | 57     | 13     | 0.3       | 3.6     | 0.82  | 88.6      | 37.1171 | 26.6738 |
| 2009 | 6     | 25  | 16   | 7      | 13     | 0.3       | 3.6     | 0.77  | 94.9      | 37.0831 | 24.9172 |
| 2009 | 6     | 25  | 16   | 17     | 13     | 0.3       | 3.6     | 0.76  | 91.7      | 37.0831 | 24.809  |
| 2009 | 6     | 25  | 16   | 27     | 13     | 0.3       | 3.6     | 0.73  | 90        | 37.0491 | 23.9212 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 25  | 16   | 37     | 13     | 0.3       | 3.6     | 0.79  | 91        | 37.0831 | 25.6745 |
| 2009 | 6     | 25  | 16   | 47     | 13     | 0.3       | 3.6     | 0.76  | 91.5      | 37.0831 | 24.9172 |
| 2009 | 6     | 25  | 16   | 57     | 13     | 0.3       | 3.6     | 0.76  | 95.4      | 37.0831 | 24.809  |
| 2009 | 6     | 25  | 17   | 7      | 13     | 0.3       | 3.6     | 0.77  | 91.9      | 37.0831 | 25.2417 |
| 2009 | 6     | 25  | 17   | 17     | 13     | 0.3       | 3.6     | 0.83  | 89.1      | 37.0831 | 26.9733 |
| 2009 | 6     | 25  | 17   | 27     | 13     | 0.3       | 3.6     | 0.75  | 93.7      | 37.0491 | 24.4613 |
| 2009 | 6     | 25  | 17   | 37     | 13     | 0.3       | 3.6     | 0.78  | 91.4      | 37.0491 | 25.434  |
| 2009 | 6     | 25  | 17   | 47     | 13     | 0.3       | 3.6     | 0.79  | 92.6      | 37.0491 | 25.7583 |
| 2009 | 6     | 25  | 17   | 57     | 13     | 0.3       | 3.6     | 0.84  | 89.1      | 37.0491 | 27.3805 |
| 2009 | 6     | 25  | 18   | 7      | 13     | 0.3       | 3.6     | 0.81  | 92.3      | 37.0491 | 26.5152 |
| 2009 | 6     | 25  | 18   | 17     | 13     | 0.3       | 3.6     | 0.72  | 93.9      | 37.0831 | 23.4033 |
| 2009 | 6     | 25  | 18   | 27     | 13     | 0.3       | 3.6     | 0.8   | 86.7      | 37.0491 | 26.0826 |
| 2009 | 6     | 25  | 18   | 37     | 13     | 0.3       | 3.6     | 0.8   | 93.1      | 37.0491 | 25.9745 |
| 2009 | 6     | 25  | 18   | 47     | 13     | 0.3       | 3.6     | 0.81  | 90.9      | 37.0831 | 26.432  |
| 2009 | 6     | 25  | 18   | 57     | 13     | 0.3       | 3.6     | 0.79  | 92.4      | 37.0831 | 25.7827 |
| 2009 | 6     | 25  | 19   | 7      | 13     | 0.3       | 3.6     | 0.74  | 95.3      | 37.0831 | 24.1601 |
| 2009 | 6     | 25  | 19   | 17     | 13     | 0.3       | 3.6     | 0.83  | 94.3      | 37.0831 | 26.865  |
| 2009 | 6     | 25  | 19   | 27     | 13     | 0.3       | 3.6     | 0.77  | 90        | 37.0831 | 25.1335 |
| 2009 | 6     | 25  | 19   | 37     | 13     | 0.3       | 3.6     | 0.79  | 91.4      | 37.0831 | 25.7827 |
| 2009 | 6     | 25  | 19   | 47     | 13     | 0.3       | 3.6     | 0.75  | 91        | 37.1171 | 24.616  |
| 2009 | 6     | 25  | 19   | 57     | 13     | 0.3       | 3.6     | 0.85  | 91.3      | 37.0831 | 27.623  |
| 2009 | 6     | 25  | 20   | 7      | 13     | 0.3       | 3.6     | 0.83  | 87.3      | 37.0831 | 27.0816 |
| 2009 | 6     | 25  | 20   | 17     | 13     | 0.3       | 3.6     | 0.79  | 92.4      | 37.0831 | 25.7827 |
| 2009 | 6     | 25  | 20   | 27     | 13     | 0.3       | 3.6     | 0.77  | 93.7      | 37.0831 | 25.1335 |
| 2009 | 6     | 25  | 20   | 37     | 13     | 0.3       | 3.6     | 0.82  | 91.2      | 37.0831 | 26.6485 |
| 2009 | 6     | 25  | 20   | 47     | 13     | 0.3       | 3.6     | 0.81  | 92.3      | 37.1171 | 26.5654 |
| 2009 | 6     | 25  | 20   | 57     | 13     | 0.3       | 3.6     | 0.75  | 93.8      | 37.1171 | 24.3995 |
| 2009 | 6     | 25  | 21   | 7      | 13     | 0.3       | 3.6     | 0.82  | 91.6      | 37.1171 | 26.7821 |
| 2009 | 6     | 25  | 21   | 17     | 13     | 0.3       | 3.6     | 0.83  | 90.7      | 37.1171 | 27.2156 |
| 2009 | 6     | 25  | 21   | 27     | 13     | 0.3       | 3.6     | 0.8   | 94.2      | 37.1171 | 26.1321 |
| 2009 | 6     | 25  | 21   | 37     | 13     | 0.3       | 3.6     | 0.81  | 93.2      | 37.1171 | 26.5654 |
| 2009 | 6     | 25  | 21   | 47     | 13     | 0.3       | 3.6     | 0.8   | 93.8      | 37.1171 | 26.1321 |
| 2009 | 6     | 25  | 21   | 57     | 13     | 0.3       | 3.6     | 0.81  | 91.2      | 37.0831 | 26.3238 |
| 2009 | 6     | 25  | 22   | 7      | 13     | 0.3       | 3.6     | 0.88  | 89.4      | 37.1171 | 28.6249 |
| 2009 | 6     | 25  | 22   | 17     | 13     | 0.3       | 3.6     | 0.83  | 91.1      | 37.1171 | 26.9988 |
| 2009 | 6     | 25  | 22   | 27     | 13     | 0.3       | 3.6     | 0.8   | 94.5      | 37.1171 | 25.9154 |
| 2009 | 6     | 25  | 22   | 37     | 13     | 0.3       | 3.6     | 0.82  | 93.5      | 37.1171 | 26.5654 |
| 2009 | 6     | 25  | 22   | 47     | 13     | 0.3       | 3.6     | 0.81  | 93.3      | 37.1171 | 26.2404 |
| 2009 | 6     | 25  | 22   | 57     | 13     | 0.3       | 3.6     | 0.79  | 93.8      | 37.1171 | 25.5905 |
| 2009 | 6     | 25  | 23   | 7      | 13     | 0.3       | 3.6     | 0.84  | 93.8      | 37.1171 | 27.324  |
| 2009 | 6     | 25  | 23   | 17     | 13     | 0.3       | 3.6     | 0.79  | 92.4      | 37.1171 | 25.9154 |
| 2009 | 6     | 25  | 23   | 27     | 13     | 0.3       | 3.6     | 0.83  | 92.5      | 37.1171 | 27.2156 |
| 2009 | 6     | 25  | 23   | 37     | 13     | 0.3       | 3.6     | 0.87  | 93        | 37.1171 | 28.408  |
| 2009 | 6     | 25  | 23   | 47     | 13     | 0.3       | 3.6     | 0.74  | 95.6      | 37.1171 | 24.183  |
| 2009 | 6     | 25  | 23   | 57     | 13     | 0.3       | 3.6     | 0.8   | 94.9      | 37.1171 | 26.1321 |
| 2009 | 6     | 26  | 0    | 7      | 13     | 0.3       | 3.6     | 0.78  | 90.2      | 37.1171 | 25.3739 |
| 2009 | 6     | 26  | 0    | 17     | 13     | 0.3       | 3.6     | 0.79  | 91        | 37.1171 | 25.8071 |
| 2009 | 6     | 26  | 0    | 27     | 13     | 0.3       | 3.6     | 0.82  | 91.6      | 37.1171 | 26.8905 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 26  | 0    | 37     | 13     | 0.3       | 3.6     | 0.79  | 95.5      | 37.1171 | 25.5905 |
| 2009 | 6     | 26  | 0    | 47     | 13     | 0.3       | 3.6     | 0.84  | 91.8      | 37.1511 | 27.5668 |
| 2009 | 6     | 26  | 0    | 57     | 13     | 0.3       | 3.6     | 0.8   | 94.2      | 37.1511 | 26.1568 |
| 2009 | 6     | 26  | 1    | 7      | 13     | 0.3       | 3.6     | 0.78  | 92.4      | 37.1511 | 25.6147 |
| 2009 | 6     | 26  | 1    | 17     | 13     | 0.3       | 3.6     | 0.86  | 92.2      | 37.1511 | 28.1093 |
| 2009 | 6     | 26  | 1    | 27     | 13     | 0.3       | 3.6     | 0.81  | 92.8      | 37.1511 | 26.3736 |
| 2009 | 6     | 26  | 1    | 37     | 13     | 0.3       | 3.6     | 0.85  | 90.9      | 37.1511 | 27.6753 |
| 2009 | 6     | 26  | 1    | 47     | 13     | 0.3       | 3.6     | 0.85  | 89.8      | 37.1511 | 27.7838 |
| 2009 | 6     | 26  | 1    | 57     | 13     | 0.3       | 3.6     | 0.82  | 90.2      | 37.1852 | 26.7242 |
| 2009 | 6     | 26  | 2    | 7      | 13     | 0.3       | 3.6     | 0.79  | 94.5      | 37.1852 | 25.7474 |
| 2009 | 6     | 26  | 2    | 17     | 13     | 0.3       | 3.6     | 0.77  | 94.9      | 37.2192 | 25.2287 |
| 2009 | 6     | 26  | 2    | 27     | 13     | 0.3       | 3.6     | 0.86  | 92.6      | 37.2192 | 28.0537 |
| 2009 | 6     | 26  | 2    | 37     | 13     | 0.3       | 3.6     | 0.83  | 92.5      | 37.2532 | 27.3185 |
| 2009 | 6     | 26  | 2    | 47     | 13     | 0.3       | 3.6     | 0.77  | 93.7      | 37.2871 | 25.0587 |
| 2009 | 6     | 26  | 2    | 57     | 13     | 0.3       | 3.6     | 0.85  | 93.3      | 37.2532 | 27.8625 |
| 2009 | 6     | 26  | 3    | 7      | 13     | 0.3       | 3.6     | 0.83  | 92.5      | 37.3211 | 27.152  |
| 2009 | 6     | 26  | 3    | 17     | 13     | 0.3       | 3.6     | 0.84  | 90        | 37.3211 | 27.5879 |
| 2009 | 6     | 26  | 3    | 27     | 13     | 0.3       | 3.6     | 0.83  | 91.4      | 37.3211 | 27.3699 |
| 2009 | 6     | 26  | 3    | 37     | 13     | 0.3       | 3.6     | 0.82  | 92.5      | 37.3211 | 26.8251 |
| 2009 | 6     | 26  | 3    | 47     | 13     | 0.3       | 3.6     | 0.8   | 90.9      | 37.3551 | 26.305  |
| 2009 | 6     | 26  | 3    | 57     | 13     | 0.3       | 3.6     | 0.82  | 94.8      | 37.3551 | 26.9593 |
| 2009 | 6     | 26  | 4    | 7      | 13     | 0.3       | 3.6     | 0.8   | 91.2      | 37.3551 | 26.414  |
| 2009 | 6     | 26  | 4    | 17     | 13     | 0.3       | 3.6     | 0.79  | 93.3      | 37.3891 | 26.0023 |
| 2009 | 6     | 26  | 4    | 27     | 13     | 0.3       | 3.6     | 0.81  | 93.5      | 37.3891 | 26.548  |
| 2009 | 6     | 26  | 4    | 37     | 13     | 0.3       | 3.6     | 0.83  | 91.8      | 37.3891 | 27.203  |
| 2009 | 6     | 26  | 4    | 47     | 13     | 0.3       | 3.6     | 0.82  | 93.7      | 37.3891 | 26.9846 |
| 2009 | 6     | 26  | 4    | 57     | 13     | 0.3       | 3.6     | 0.81  | 93        | 37.3891 | 26.6571 |
| 2009 | 6     | 26  | 5    | 7      | 13     | 0.3       | 3.6     | 0.84  | 90.7      | 37.3891 | 27.749  |
| 2009 | 6     | 26  | 5    | 17     | 13     | 0.3       | 3.6     | 0.81  | 92.1      | 37.4231 | 26.7914 |
| 2009 | 6     | 26  | 5    | 27     | 13     | 0.3       | 3.6     | 0.76  | 91.7      | 37.4231 | 24.9346 |
| 2009 | 6     | 26  | 5    | 37     | 13     | 0.3       | 3.6     | 0.77  | 91.9      | 37.4231 | 25.3714 |
| 2009 | 6     | 26  | 5    | 47     | 13     | 0.3       | 3.6     | 0.85  | 93.1      | 37.4231 | 27.8843 |
| 2009 | 6     | 26  | 5    | 57     | 13     | 0.3       | 3.6     | 0.78  | 91.9      | 37.4231 | 25.8082 |
| 2009 | 6     | 26  | 6    | 7      | 13     | 0.3       | 3.6     | 0.79  | 92.1      | 37.4231 | 25.9174 |
| 2009 | 6     | 26  | 6    | 17     | 13     | 0.3       | 3.6     | 0.84  | 91.8      | 37.457  | 27.5822 |
| 2009 | 6     | 26  | 6    | 27     | 13     | 0.3       | 3.6     | 0.82  | 91.2      | 37.4231 | 26.9007 |
| 2009 | 6     | 26  | 6    | 37     | 13     | 0.3       | 3.6     | 0.83  | 91.1      | 37.457  | 27.254  |
| 2009 | 6     | 26  | 6    | 47     | 13     | 0.3       | 3.6     | 0.81  | 93.3      | 37.457  | 26.4884 |
| 2009 | 6     | 26  | 6    | 57     | 13     | 0.3       | 3.6     | 0.87  | 93.5      | 37.457  | 28.6765 |
| 2009 | 6     | 26  | 7    | 7      | 13     | 0.3       | 3.6     | 0.78  | 93.4      | 37.491  | 25.7471 |
| 2009 | 6     | 26  | 7    | 17     | 13     | 0.3       | 3.6     | 0.76  | 91.7      | 37.491  | 25.2001 |
| 2009 | 6     | 26  | 7    | 27     | 13     | 0.3       | 3.6     | 0.76  | 91.2      | 37.491  | 25.2001 |
| 2009 | 6     | 26  | 7    | 37     | 13     | 0.3       | 3.6     | 0.8   | 92.1      | 37.491  | 26.2943 |
| 2009 | 6     | 26  | 7    | 47     | 13     | 0.3       | 3.6     | 0.79  | 94.5      | 37.525  | 26.0998 |
| 2009 | 6     | 26  | 7    | 57     | 13     | 0.3       | 3.6     | 0.83  | 92        | 37.525  | 27.305  |
| 2009 | 6     | 26  | 8    | 7      | 13     | 0.3       | 3.9     | 0.74  | 92.8      | 37.5589 | 24.3706 |
| 2009 | 6     | 26  | 8    | 17     | 13     | 0.3       | 3.9     | 0.78  | 92.4      | 37.5589 | 25.9049 |
| 2009 | 6     | 26  | 8    | 27     | 13     | 0.3       | 3.9     | 0.73  | 93.3      | 37.5929 | 24.1741 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 26  | 8    | 37     | 13     | 0.3       | 3.9     | 0.78  | 93.6      | 37.5589 | 25.576  |
| 2009 | 6     | 26  | 8    | 47     | 13     | 0.3       | 3.9     | 0.83  | 93.9      | 37.5929 | 27.2462 |
| 2009 | 6     | 26  | 8    | 57     | 13     | 0.3       | 3.9     | 0.76  | 91.2      | 37.6268 | 25.1845 |
| 2009 | 6     | 26  | 9    | 7      | 13     | 0.3       | 3.9     | 0.77  | 93.2      | 37.6268 | 25.2943 |
| 2009 | 6     | 26  | 9    | 17     | 13     | 0.3       | 3.9     | 0.78  | 96.3      | 37.6268 | 25.7336 |
| 2009 | 6     | 26  | 9    | 27     | 13     | 0.3       | 3.9     | 0.8   | 91.9      | 37.6608 | 26.4172 |
| 2009 | 6     | 26  | 9    | 37     | 13     | 0.3       | 3.9     | 0.75  | 93.5      | 37.6608 | 24.7684 |
| 2009 | 6     | 26  | 9    | 47     | 13     | 0.3       | 3.9     | 0.81  | 93.3      | 37.6608 | 26.7471 |
| 2009 | 6     | 26  | 9    | 57     | 13     | 0.3       | 3.9     | 0.73  | 95.1      | 37.6947 | 24.2417 |
| 2009 | 6     | 26  | 10   | 7      | 13     | 0.3       | 3.9     | 0.83  | 90.9      | 37.6947 | 27.5426 |
| 2009 | 6     | 26  | 10   | 17     | 13     | 0.3       | 3.9     | 0.8   | 92.8      | 37.7286 | 26.4663 |
| 2009 | 6     | 26  | 10   | 27     | 13     | 0.3       | 3.9     | 0.82  | 90.9      | 37.7286 | 27.1274 |
| 2009 | 6     | 26  | 10   | 37     | 13     | 0.3       | 3.9     | 0.78  | 93.1      | 37.7286 | 25.8055 |
| 2009 | 6     | 26  | 10   | 47     | 13     | 0.3       | 3.9     | 0.79  | 94.1      | 37.7286 | 26.1359 |
| 2009 | 6     | 26  | 10   | 57     | 13     | 0.3       | 3.9     | 0.79  | 93.3      | 37.7625 | 26.2704 |
| 2009 | 6     | 26  | 11   | 7      | 13     | 0.3       | 3.9     | 0.78  | 95.8      | 37.7286 | 25.8055 |
| 2009 | 6     | 26  | 11   | 17     | 13     | 0.3       | 3.9     | 0.85  | 94        | 37.7625 | 28.0351 |
| 2009 | 6     | 26  | 11   | 27     | 13     | 0.3       | 3.9     | 0.81  | 91.9      | 37.7625 | 26.932  |
| 2009 | 6     | 26  | 11   | 37     | 13     | 0.3       | 3.9     | 0.78  | 91.9      | 37.7625 | 26.0499 |
| 2009 | 6     | 26  | 11   | 47     | 13     | 0.3       | 3.9     | 0.75  | 92.5      | 37.7625 | 24.9477 |
| 2009 | 6     | 26  | 11   | 57     | 13     | 0.3       | 3.9     | 0.78  | 92.2      | 37.7625 | 25.9397 |
| 2009 | 6     | 26  | 12   | 7      | 13     | 0.3       | 3.9     | 0.75  | 91.8      | 37.7965 | 24.8606 |
| 2009 | 6     | 26  | 12   | 17     | 13     | 0.3       | 3.9     | 0.74  | 93        | 37.7965 | 24.64   |
| 2009 | 6     | 26  | 12   | 27     | 13     | 0.3       | 3.9     | 0.77  | 93.2      | 37.7625 | 25.4987 |
| 2009 | 6     | 26  | 12   | 37     | 13     | 0.3       | 3.9     | 0.75  | 93.8      | 37.7965 | 24.8606 |
| 2009 | 6     | 26  | 12   | 47     | 13     | 0.3       | 3.9     | 0.78  | 94.6      | 37.7965 | 25.8534 |
| 2009 | 6     | 26  | 12   | 57     | 13     | 0.3       | 3.9     | 0.75  | 91.8      | 37.7965 | 24.7503 |
| 2009 | 6     | 26  | 13   | 7      | 13     | 0.3       | 3.9     | 0.79  | 92.1      | 37.7965 | 26.1844 |
| 2009 | 6     | 26  | 13   | 17     | 13     | 0.3       | 3.9     | 0.79  | 93.3      | 37.7965 | 26.1844 |
| 2009 | 6     | 26  | 13   | 27     | 13     | 0.3       | 3.9     | 0.71  | 94        | 37.7965 | 23.6478 |
| 2009 | 6     | 26  | 13   | 37     | 13     | 0.3       | 3.9     | 0.77  | 93.7      | 37.8304 | 25.4356 |
| 2009 | 6     | 26  | 13   | 47     | 13     | 0.3       | 3.9     | 0.74  | 91.3      | 37.8304 | 24.4421 |
| 2009 | 6     | 26  | 13   | 57     | 13     | 0.3       | 3.9     | 0.75  | 92.8      | 37.8304 | 24.994  |
| 2009 | 6     | 26  | 14   | 7      | 13     | 0.3       | 3.9     | 0.77  | 95.3      | 37.8643 | 25.6802 |
| 2009 | 6     | 26  | 14   | 17     | 13     | 0.3       | 3.9     | 0.74  | 94.3      | 37.8304 | 24.5525 |
| 2009 | 6     | 26  | 14   | 27     | 13     | 0.3       | 3.9     | 0.76  | 93.7      | 37.8304 | 25.2148 |
| 2009 | 6     | 26  | 14   | 37     | 13     | 0.3       | 3.9     | 0.72  | 94.2      | 37.8643 | 23.9125 |
| 2009 | 6     | 26  | 14   | 47     | 13     | 0.3       | 3.9     | 0.72  | 92.1      | 37.8643 | 23.8021 |
| 2009 | 6     | 26  | 14   | 57     | 13     | 0.3       | 3.9     | 0.71  | 96.6      | 37.8643 | 23.5812 |
| 2009 | 6     | 26  | 15   | 7      | 13     | 0.3       | 3.9     | 0.72  | 96        | 37.8643 | 23.8021 |
| 2009 | 6     | 26  | 15   | 17     | 13     | 0.3       | 3.9     | 0.79  | 93.8      | 37.8982 | 26.3678 |
| 2009 | 6     | 26  | 15   | 27     | 13     | 0.3       | 3.6     | 0.81  | 91.6      | 37.8643 | 26.8963 |
| 2009 | 6     | 26  | 15   | 37     | 13     | 0.3       | 3.6     | 0.79  | 91        | 37.8643 | 26.3434 |
| 2009 | 6     | 26  | 15   | 47     | 13     | 0.3       | 3.9     | 0.76  | 94.5      | 37.8982 | 25.1509 |
| 2009 | 6     | 26  | 15   | 57     | 13     | 0.3       | 3.9     | 0.78  | 92.2      | 37.8982 | 26.1465 |
| 2009 | 6     | 26  | 16   | 7      | 13     | 0.3       | 3.9     | 0.85  | 93.5      | 37.8982 | 28.4712 |
| 2009 | 6     | 26  | 16   | 17     | 13     | 0.3       | 3.9     | 0.75  | 97.5      | 37.8982 | 24.9297 |
| 2009 | 6     | 26  | 16   | 27     | 13     | 0.3       | 3.9     | 0.75  | 95.3      | 37.9321 | 24.842  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 26  | 16   | 37     | 13     | 0.3       | 3.9     | 0.74  | 91        | 37.9321 | 24.51   |
| 2009 | 6     | 26  | 16   | 47     | 13     | 0.3       | 3.9     | 0.76  | 95.9      | 37.8982 | 25.2615 |
| 2009 | 6     | 26  | 16   | 57     | 13     | 0.3       | 3.9     | 0.8   | 90.2      | 37.9321 | 26.6137 |
| 2009 | 6     | 26  | 17   | 7      | 13     | 0.3       | 3.9     | 0.79  | 90.9      | 37.9321 | 26.5029 |
| 2009 | 6     | 26  | 17   | 17     | 13     | 0.3       | 3.9     | 0.78  | 90.5      | 37.9321 | 25.9491 |
| 2009 | 6     | 26  | 17   | 27     | 13     | 0.3       | 3.9     | 0.81  | 91.6      | 37.9321 | 26.946  |
| 2009 | 6     | 26  | 17   | 37     | 13     | 0.3       | 3.9     | 0.79  | 90.7      | 37.966  | 26.5274 |
| 2009 | 6     | 26  | 17   | 47     | 13     | 0.3       | 3.9     | 0.84  | 92.9      | 37.9321 | 28.165  |
| 2009 | 6     | 26  | 17   | 57     | 13     | 0.3       | 3.9     | 0.78  | 91.5      | 37.9321 | 25.9491 |
| 2009 | 6     | 26  | 18   | 7      | 13     | 0.3       | 3.9     | 0.81  | 91.2      | 37.9321 | 27.1676 |
| 2009 | 6     | 26  | 18   | 17     | 13     | 0.3       | 3.9     | 0.79  | 94        | 37.966  | 26.4165 |
| 2009 | 6     | 26  | 18   | 27     | 13     | 0.3       | 3.9     | 0.8   | 92.1      | 37.966  | 26.7491 |
| 2009 | 6     | 26  | 18   | 37     | 13     | 0.3       | 3.9     | 0.78  | 91.9      | 37.966  | 25.9731 |
| 2009 | 6     | 26  | 18   | 47     | 13     | 0.3       | 3.9     | 0.81  | 90        | 37.966  | 27.0818 |
| 2009 | 6     | 26  | 18   | 57     | 13     | 0.3       | 3.9     | 0.77  | 93.4      | 37.966  | 25.6406 |
| 2009 | 6     | 26  | 19   | 7      | 13     | 0.3       | 3.9     | 0.78  | 93.6      | 37.966  | 26.0839 |
| 2009 | 6     | 26  | 19   | 17     | 13     | 0.3       | 3.9     | 0.83  | 91.1      | 37.966  | 27.6363 |
| 2009 | 6     | 26  | 19   | 27     | 13     | 0.3       | 3.9     | 0.74  | 91.8      | 37.9998 | 24.5552 |
| 2009 | 6     | 26  | 19   | 37     | 13     | 0.3       | 3.9     | 0.81  | 94.4      | 37.9998 | 26.9957 |
| 2009 | 6     | 26  | 19   | 47     | 13     | 0.3       | 3.9     | 0.84  | 92.2      | 37.9998 | 28.2169 |
| 2009 | 6     | 26  | 19   | 57     | 13     | 0.3       | 3.9     | 0.81  | 91.8      | 37.9998 | 27.2177 |
| 2009 | 6     | 26  | 20   | 7      | 13     | 0.3       | 3.9     | 0.79  | 90        | 37.9998 | 26.5518 |
| 2009 | 6     | 26  | 20   | 17     | 13     | 0.3       | 3.9     | 0.81  | 92.5      | 37.9998 | 27.1067 |
| 2009 | 6     | 26  | 20   | 27     | 13     | 0.3       | 3.9     | 0.85  | 92        | 37.9998 | 28.439  |
| 2009 | 6     | 26  | 20   | 37     | 13     | 0.3       | 3.9     | 0.84  | 93.8      | 38.0337 | 27.9095 |
| 2009 | 6     | 26  | 20   | 47     | 13     | 0.3       | 3.9     | 0.81  | 94        | 38.0337 | 27.0206 |
| 2009 | 6     | 26  | 20   | 57     | 13     | 0.3       | 3.9     | 0.87  | 94.1      | 38.0337 | 28.9099 |
| 2009 | 6     | 26  | 21   | 7      | 13     | 0.3       | 3.9     | 0.81  | 92.5      | 38.0337 | 27.2428 |
| 2009 | 6     | 26  | 21   | 17     | 13     | 0.3       | 3.9     | 0.9   | 92.9      | 38.0337 | 30.1331 |
| 2009 | 6     | 26  | 21   | 27     | 13     | 0.3       | 3.9     | 0.85  | 90        | 38.0337 | 28.5764 |
| 2009 | 6     | 26  | 21   | 37     | 13     | 0.3       | 3.9     | 0.85  | 90        | 38.0337 | 28.5764 |
| 2009 | 6     | 26  | 21   | 47     | 13     | 0.3       | 3.9     | 0.86  | 90.9      | 38.0337 | 28.6875 |
| 2009 | 6     | 26  | 21   | 57     | 13     | 0.3       | 3.9     | 0.88  | 90.9      | 38.0337 | 29.577  |
| 2009 | 6     | 26  | 22   | 7      | 13     | 0.3       | 3.9     | 0.85  | 91.8      | 38.0337 | 28.5764 |
| 2009 | 6     | 26  | 22   | 17     | 13     | 0.3       | 3.9     | 0.82  | 92.5      | 38.0337 | 27.465  |
| 2009 | 6     | 26  | 22   | 27     | 13     | 0.3       | 3.9     | 0.84  | 93.6      | 38.0337 | 28.1317 |
| 2009 | 6     | 26  | 22   | 37     | 13     | 0.3       | 3.9     | 0.89  | 90.4      | 38.0676 | 29.7155 |
| 2009 | 6     | 26  | 22   | 47     | 13     | 0.3       | 3.9     | 0.84  | 92.2      | 38.0676 | 28.1576 |
| 2009 | 6     | 26  | 22   | 57     | 13     | 0.3       | 3.9     | 0.84  | 92.7      | 38.0676 | 28.2689 |
| 2009 | 6     | 26  | 23   | 7      | 13     | 0.3       | 3.9     | 0.82  | 93.9      | 38.0676 | 27.379  |
| 2009 | 6     | 26  | 23   | 17     | 13     | 0.3       | 3.9     | 0.86  | 93.7      | 38.0676 | 28.8252 |
| 2009 | 6     | 26  | 23   | 27     | 13     | 0.3       | 3.9     | 0.85  | 92.4      | 38.0676 | 28.4914 |
| 2009 | 6     | 26  | 23   | 37     | 13     | 0.3       | 3.9     | 0.83  | 92        | 38.0676 | 27.9351 |
| 2009 | 6     | 26  | 23   | 47     | 13     | 0.3       | 3.9     | 0.8   | 94.5      | 38.1015 | 26.8477 |
| 2009 | 6     | 26  | 23   | 57     | 13     | 0.3       | 3.9     | 0.83  | 92.3      | 38.1015 | 27.7381 |
| 2009 | 6     | 27  | 0    | 7      | 13     | 0.3       | 3.9     | 0.8   | 95.2      | 38.1015 | 26.8477 |
| 2009 | 6     | 27  | 0    | 17     | 13     | 0.3       | 3.9     | 0.83  | 95        | 38.1015 | 27.7381 |
| 2009 | 6     | 27  | 0    | 27     | 13     | 0.3       | 3.9     | 0.81  | 93.7      | 38.1353 | 27.0951 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 27  | 0    | 37     | 13     | 0.3       | 3.9     | 0.8   | 93        | 38.1692 | 26.897  |
| 2009 | 6     | 27  | 0    | 47     | 13     | 0.3       | 3.9     | 0.77  | 92.4      | 38.203  | 25.8059 |
| 2009 | 6     | 27  | 0    | 57     | 13     | 0.3       | 3.9     | 0.84  | 92.9      | 38.203  | 28.261  |
| 2009 | 6     | 27  | 1    | 7      | 13     | 0.3       | 3.9     | 0.85  | 90.9      | 38.203  | 28.4844 |
| 2009 | 6     | 27  | 1    | 17     | 13     | 0.3       | 3.9     | 0.86  | 91.5      | 38.2369 | 28.9575 |
| 2009 | 6     | 27  | 1    | 27     | 13     | 0.3       | 3.9     | 0.84  | 92.2      | 38.2369 | 28.1751 |
| 2009 | 6     | 27  | 1    | 37     | 13     | 0.3       | 3.9     | 0.89  | 92.9      | 38.2707 | 30.103  |
| 2009 | 6     | 27  | 1    | 47     | 13     | 0.3       | 3.9     | 0.85  | 92.7      | 38.2707 | 28.5365 |
| 2009 | 6     | 27  | 1    | 57     | 13     | 0.3       | 3.9     | 0.84  | 92.2      | 38.2707 | 28.2009 |
| 2009 | 6     | 27  | 2    | 7      | 13     | 0.3       | 3.9     | 0.88  | 91.7      | 38.2707 | 29.7673 |
| 2009 | 6     | 27  | 2    | 17     | 13     | 0.3       | 3.9     | 0.85  | 91.1      | 38.2707 | 28.7602 |
| 2009 | 6     | 27  | 2    | 27     | 13     | 0.3       | 3.9     | 0.85  | 90.7      | 38.2707 | 28.6483 |
| 2009 | 6     | 27  | 2    | 37     | 13     | 0.3       | 3.9     | 0.83  | 95        | 38.2707 | 27.8654 |
| 2009 | 6     | 27  | 2    | 47     | 13     | 0.3       | 3.9     | 0.83  | 95.4      | 38.2707 | 27.9772 |
| 2009 | 6     | 27  | 2    | 57     | 13     | 0.3       | 3.9     | 0.83  | 91.6      | 38.2707 | 27.8654 |
| 2009 | 6     | 27  | 3    | 7      | 13     | 0.3       | 3.9     | 0.84  | 94.3      | 38.2707 | 28.2009 |
| 2009 | 6     | 27  | 3    | 17     | 13     | 0.3       | 3.9     | 0.81  | 92.3      | 38.3046 | 27.4431 |
| 2009 | 6     | 27  | 3    | 27     | 13     | 0.3       | 3.9     | 0.81  | 93.7      | 38.3046 | 27.2193 |
| 2009 | 6     | 27  | 3    | 37     | 13     | 0.3       | 3.9     | 0.86  | 91.1      | 38.3046 | 29.1224 |
| 2009 | 6     | 27  | 3    | 47     | 13     | 0.3       | 3.9     | 0.89  | 90        | 38.3046 | 30.1305 |
| 2009 | 6     | 27  | 3    | 57     | 13     | 0.3       | 3.9     | 0.87  | 92.2      | 38.3046 | 29.4584 |
| 2009 | 6     | 27  | 4    | 7      | 13     | 0.3       | 3.9     | 0.85  | 94.9      | 38.2707 | 28.5365 |
| 2009 | 6     | 27  | 4    | 17     | 13     | 0.3       | 3.9     | 0.86  | 94.4      | 38.3046 | 28.7864 |
| 2009 | 6     | 27  | 4    | 27     | 13     | 0.3       | 3.9     | 0.8   | 91.2      | 38.3046 | 27.1074 |
| 2009 | 6     | 27  | 4    | 37     | 13     | 0.3       | 3.9     | 0.89  | 93        | 38.3046 | 29.9065 |
| 2009 | 6     | 27  | 4    | 47     | 13     | 0.3       | 3.9     | 0.89  | 92.9      | 38.3046 | 30.1305 |
| 2009 | 6     | 27  | 4    | 57     | 13     | 0.3       | 3.9     | 0.88  | 93        | 38.3046 | 29.6824 |
| 2009 | 6     | 27  | 5    | 7      | 13     | 0.3       | 3.9     | 0.9   | 91        | 38.3046 | 30.3546 |
| 2009 | 6     | 27  | 5    | 17     | 13     | 0.3       | 3.9     | 0.8   | 92.6      | 38.3046 | 26.9955 |
| 2009 | 6     | 27  | 5    | 27     | 13     | 0.3       | 3.9     | 0.87  | 92.2      | 38.3046 | 29.3464 |
| 2009 | 6     | 27  | 5    | 37     | 13     | 0.3       | 3.9     | 0.86  | 91.1      | 38.3046 | 29.1224 |
| 2009 | 6     | 27  | 5    | 47     | 13     | 0.3       | 3.9     | 0.81  | 93.2      | 38.3046 | 27.3312 |
| 2009 | 6     | 27  | 5    | 57     | 13     | 0.3       | 3.9     | 0.83  | 94.3      | 38.3046 | 27.8908 |
| 2009 | 6     | 27  | 6    | 7      | 13     | 0.3       | 3.9     | 0.87  | 94.3      | 38.3046 | 29.2344 |
| 2009 | 6     | 27  | 6    | 17     | 13     | 0.3       | 3.9     | 0.87  | 92.8      | 38.3046 | 29.2344 |
| 2009 | 6     | 27  | 6    | 27     | 13     | 0.3       | 3.9     | 0.79  | 91.9      | 38.3046 | 26.5479 |
| 2009 | 6     | 27  | 6    | 37     | 13     | 0.3       | 3.9     | 0.74  | 99.2      | 38.3046 | 24.535  |
| 2009 | 6     | 27  | 6    | 47     | 13     | 0.3       | 3.9     | 0.82  | 90.2      | 38.3046 | 27.555  |
| 2009 | 6     | 27  | 6    | 57     | 13     | 0.3       | 3.9     | 0.83  | 91.1      | 38.3046 | 28.0027 |
| 2009 | 6     | 27  | 7    | 7      | 13     | 0.3       | 3.9     | 0.8   | 91.2      | 38.3046 | 27.1074 |
| 2009 | 6     | 27  | 7    | 17     | 13     | 0.3       | 3.9     | 0.75  | 95.2      | 38.3384 | 25.3407 |
| 2009 | 6     | 27  | 7    | 27     | 13     | 0.3       | 3.9     | 0.84  | 92.9      | 38.3384 | 28.2524 |
| 2009 | 6     | 27  | 7    | 37     | 13     | 0.3       | 3.9     | 0.85  | 93.1      | 38.3384 | 28.5886 |
| 2009 | 6     | 27  | 7    | 47     | 13     | 0.3       | 3.9     | 0.83  | 93.6      | 38.3384 | 27.9162 |
| 2009 | 6     | 27  | 7    | 57     | 13     | 0.3       | 3.9     | 0.84  | 92.9      | 38.3384 | 28.4765 |
| 2009 | 6     | 27  | 8    | 7      | 13     | 0.3       | 3.9     | 0.81  | 92.5      | 38.3384 | 27.3561 |
| 2009 | 6     | 27  | 8    | 17     | 13     | 0.3       | 3.9     | 0.84  | 93.1      | 38.3722 | 28.2781 |
| 2009 | 6     | 27  | 8    | 27     | 13     | 0.3       | 3.9     | 0.79  | 95.9      | 38.3722 | 26.7084 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 27  | 8    | 37     | 13     | 0.3       | 3.9     | 0.84  | 91.8      | 38.3384 | 28.2524 |
| 2009 | 6     | 27  | 8    | 47     | 13     | 0.3       | 3.9     | 0.79  | 92.6      | 38.3722 | 26.8205 |
| 2009 | 6     | 27  | 8    | 57     | 13     | 0.3       | 3.9     | 0.77  | 92.4      | 38.3384 | 25.9004 |
| 2009 | 6     | 27  | 9    | 7      | 13     | 0.3       | 3.9     | 0.83  | 93.6      | 38.3722 | 27.9417 |
| 2009 | 6     | 27  | 9    | 17     | 13     | 0.3       | 3.9     | 0.85  | 91.5      | 38.3722 | 28.7268 |
| 2009 | 6     | 27  | 9    | 27     | 13     | 0.3       | 3.9     | 0.79  | 92.4      | 38.3384 | 26.6841 |
| 2009 | 6     | 27  | 9    | 37     | 13     | 0.3       | 3.9     | 0.74  | 96.4      | 38.3722 | 24.8038 |
| 2009 | 6     | 27  | 9    | 47     | 13     | 0.3       | 3.9     | 0.76  | 96.4      | 38.3722 | 25.4758 |
| 2009 | 6     | 27  | 9    | 57     | 13     | 0.3       | 3.9     | 0.83  | 95.2      | 38.3722 | 27.9417 |
| 2009 | 6     | 27  | 10   | 7      | 13     | 0.3       | 3.9     | 0.84  | 92.5      | 38.3722 | 28.5024 |
| 2009 | 6     | 27  | 10   | 17     | 13     | 0.3       | 3.9     | 0.79  | 91.7      | 38.3722 | 26.5963 |
| 2009 | 6     | 27  | 10   | 27     | 13     | 0.3       | 3.9     | 0.71  | 94.2      | 38.3384 | 23.8862 |
| 2009 | 6     | 27  | 10   | 37     | 13     | 0.3       | 3.9     | 0.85  | 93.5      | 38.3722 | 28.7268 |
| 2009 | 6     | 27  | 10   | 47     | 13     | 0.3       | 3.9     | 0.83  | 93.8      | 38.3384 | 28.0283 |
| 2009 | 6     | 27  | 10   | 57     | 13     | 0.3       | 3.9     | 0.78  | 95.5      | 38.3384 | 26.2362 |
| 2009 | 6     | 27  | 11   | 7      | 13     | 0.3       | 3.9     | 0.81  | 93.2      | 38.3722 | 27.381  |
| 2009 | 6     | 27  | 11   | 17     | 13     | 0.3       | 3.9     | 0.76  | 93.7      | 38.3722 | 25.4758 |
| 2009 | 6     | 27  | 11   | 27     | 13     | 0.3       | 3.9     | 0.77  | 96.3      | 38.3384 | 25.9004 |
| 2009 | 6     | 27  | 11   | 37     | 13     | 0.3       | 3.9     | 0.79  | 90.5      | 38.3722 | 26.8205 |
| 2009 | 6     | 27  | 11   | 47     | 13     | 0.3       | 3.9     | 0.81  | 94.4      | 38.3384 | 27.2441 |
| 2009 | 6     | 27  | 11   | 57     | 13     | 0.3       | 3.9     | 0.8   | 94.2      | 38.3722 | 27.0447 |
| 2009 | 6     | 27  | 12   | 7      | 13     | 0.3       | 3.9     | 0.78  | 93.6      | 38.3384 | 26.2362 |
| 2009 | 6     | 27  | 12   | 17     | 13     | 0.3       | 3.9     | 0.81  | 94        | 38.3722 | 27.1568 |
| 2009 | 6     | 27  | 12   | 27     | 13     | 0.3       | 3.9     | 0.8   | 93.5      | 38.3722 | 26.9326 |
| 2009 | 6     | 27  | 12   | 37     | 13     | 0.3       | 3.9     | 0.79  | 91.9      | 38.3722 | 26.7084 |
| 2009 | 6     | 27  | 12   | 47     | 13     | 0.3       | 3.9     | 0.73  | 94.9      | 38.3722 | 24.6918 |
| 2009 | 6     | 27  | 12   | 57     | 13     | 0.3       | 3.9     | 0.75  | 91.5      | 38.3722 | 25.2518 |
| 2009 | 6     | 27  | 13   | 7      | 13     | 0.3       | 3.9     | 0.75  | 94.3      | 38.3722 | 25.1398 |
| 2009 | 6     | 27  | 13   | 17     | 13     | 0.3       | 3.9     | 0.78  | 90.2      | 38.3722 | 26.3722 |
| 2009 | 6     | 27  | 13   | 27     | 13     | 0.3       | 3.9     | 0.78  | 93.6      | 38.3722 | 26.1481 |
| 2009 | 6     | 27  | 13   | 37     | 13     | 0.3       | 3.9     | 0.74  | 91.3      | 38.3722 | 25.0278 |
| 2009 | 6     | 27  | 13   | 47     | 13     | 0.3       | 3.9     | 0.77  | 94.9      | 38.3722 | 25.924  |
| 2009 | 6     | 27  | 13   | 57     | 13     | 0.3       | 3.9     | 0.81  | 92.3      | 38.3722 | 27.381  |
| 2009 | 6     | 27  | 14   | 7      | 13     | 0.3       | 3.9     | 0.77  | 90        | 38.3722 | 25.924  |
| 2009 | 6     | 27  | 14   | 17     | 13     | 0.3       | 3.9     | 0.73  | 94.7      | 38.3722 | 24.4678 |
| 2009 | 6     | 27  | 14   | 27     | 13     | 0.3       | 3.9     | 0.76  | 92.5      | 38.3722 | 25.4758 |
| 2009 | 6     | 27  | 14   | 37     | 13     | 0.3       | 3.9     | 0.73  | 96        | 38.406  | 24.378  |
| 2009 | 6     | 27  | 14   | 47     | 13     | 0.3       | 3.9     | 0.74  | 95.3      | 38.3722 | 25.0278 |
| 2009 | 6     | 27  | 14   | 57     | 13     | 0.3       | 3.9     | 0.74  | 93.1      | 38.3722 | 24.8038 |
| 2009 | 6     | 27  | 15   | 7      | 13     | 0.3       | 3.9     | 0.79  | 94.8      | 38.406  | 26.5084 |
| 2009 | 6     | 27  | 15   | 17     | 13     | 0.3       | 3.9     | 0.76  | 92.5      | 38.3722 | 25.6999 |
| 2009 | 6     | 27  | 15   | 27     | 13     | 0.3       | 3.9     | 0.8   | 92.3      | 38.3722 | 27.0447 |
| 2009 | 6     | 27  | 15   | 37     | 13     | 0.3       | 3.9     | 0.76  | 93.2      | 38.3722 | 25.4758 |
| 2009 | 6     | 27  | 15   | 47     | 13     | 0.3       | 3.9     | 0.78  | 93.6      | 38.3722 | 26.1481 |
| 2009 | 6     | 27  | 15   | 57     | 13     | 0.3       | 3.9     | 0.77  | 92.9      | 38.3722 | 25.924  |
| 2009 | 6     | 27  | 16   | 7      | 13     | 0.3       | 3.9     | 0.82  | 92.5      | 38.3384 | 27.6922 |
| 2009 | 6     | 27  | 16   | 17     | 13     | 0.3       | 3.9     | 0.76  | 94.2      | 38.3722 | 25.5878 |
| 2009 | 6     | 27  | 16   | 27     | 13     | 0.3       | 3.9     | 0.8   | 93.3      | 38.3722 | 27.0447 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 27  | 16   | 37     | 13     | 0.3       | 3.9     | 0.8   | 92.4      | 38.3722 | 26.9326 |
| 2009 | 6     | 27  | 16   | 47     | 13     | 0.3       | 3.9     | 0.82  | 93.2      | 38.3384 | 27.8042 |
| 2009 | 6     | 27  | 16   | 57     | 13     | 0.3       | 3.9     | 0.79  | 95.3      | 38.3722 | 26.4843 |
| 2009 | 6     | 27  | 17   | 7      | 13     | 0.3       | 3.9     | 0.76  | 93.7      | 38.3722 | 25.6999 |
| 2009 | 6     | 27  | 17   | 17     | 13     | 0.3       | 3.9     | 0.81  | 91.9      | 38.3384 | 27.3561 |
| 2009 | 6     | 27  | 17   | 27     | 13     | 0.3       | 3.9     | 0.83  | 90        | 38.3384 | 28.1403 |
| 2009 | 6     | 27  | 17   | 37     | 13     | 0.3       | 3.9     | 0.84  | 94        | 38.3384 | 28.2524 |
| 2009 | 6     | 27  | 17   | 47     | 13     | 0.3       | 3.9     | 0.77  | 93.9      | 38.3046 | 25.9886 |
| 2009 | 6     | 27  | 17   | 57     | 13     | 0.3       | 3.9     | 0.81  | 90        | 38.3384 | 27.2441 |
| 2009 | 6     | 27  | 18   | 7      | 13     | 0.3       | 3.9     | 0.79  | 95.3      | 38.3384 | 26.4602 |
| 2009 | 6     | 27  | 18   | 17     | 13     | 0.3       | 3.9     | 0.85  | 90.7      | 38.3384 | 28.5886 |
| 2009 | 6     | 27  | 18   | 27     | 13     | 0.3       | 3.9     | 0.85  | 90        | 38.3046 | 28.5625 |
| 2009 | 6     | 27  | 18   | 37     | 13     | 0.3       | 3.9     | 0.79  | 92.6      | 38.3046 | 26.5479 |
| 2009 | 6     | 27  | 18   | 47     | 13     | 0.3       | 3.9     | 0.79  | 92.9      | 38.3046 | 26.6598 |
| 2009 | 6     | 27  | 18   | 57     | 13     | 0.3       | 3.9     | 0.78  | 92.6      | 38.3384 | 26.3482 |
| 2009 | 6     | 27  | 19   | 7      | 13     | 0.3       | 3.9     | 0.84  | 92.7      | 38.3384 | 28.3644 |
| 2009 | 6     | 27  | 19   | 17     | 13     | 0.3       | 3.9     | 0.87  | 90        | 38.3046 | 29.2344 |
| 2009 | 6     | 27  | 19   | 27     | 13     | 0.3       | 3.9     | 0.87  | 92.2      | 38.3046 | 29.3464 |
| 2009 | 6     | 27  | 19   | 37     | 13     | 0.3       | 3.9     | 0.83  | 91.6      | 38.3384 | 28.0283 |
| 2009 | 6     | 27  | 19   | 47     | 13     | 0.3       | 3.9     | 0.83  | 92.5      | 38.3384 | 28.0283 |
| 2009 | 6     | 27  | 19   | 57     | 13     | 0.3       | 3.9     | 0.84  | 93.6      | 38.3384 | 28.2524 |
| 2009 | 6     | 27  | 20   | 7      | 13     | 0.3       | 3.9     | 0.86  | 91.5      | 38.3384 | 29.149  |
| 2009 | 6     | 27  | 20   | 17     | 13     | 0.3       | 3.9     | 0.84  | 92        | 38.3384 | 28.3644 |
| 2009 | 6     | 27  | 20   | 27     | 13     | 0.3       | 3.9     | 0.82  | 91.6      | 38.3384 | 27.8042 |
| 2009 | 6     | 27  | 20   | 37     | 13     | 0.3       | 3.9     | 0.84  | 92.9      | 38.3384 | 28.4765 |
| 2009 | 6     | 27  | 20   | 47     | 13     | 0.3       | 3.9     | 0.83  | 93.9      | 38.3384 | 27.9162 |
| 2009 | 6     | 27  | 20   | 57     | 13     | 0.3       | 3.9     | 0.84  | 97.2      | 38.3722 | 28.1659 |
| 2009 | 6     | 27  | 21   | 7      | 13     | 0.3       | 3.9     | 0.83  | 90        | 38.3384 | 28.1403 |
| 2009 | 6     | 27  | 21   | 17     | 13     | 0.3       | 3.9     | 0.89  | 93.4      | 38.3722 | 30.1854 |
| 2009 | 6     | 27  | 21   | 27     | 13     | 0.3       | 3.9     | 0.8   | 92.1      | 38.3722 | 27.0447 |
| 2009 | 6     | 27  | 21   | 37     | 13     | 0.3       | 3.9     | 0.87  | 92.6      | 38.3384 | 29.261  |
| 2009 | 6     | 27  | 21   | 47     | 13     | 0.3       | 3.9     | 0.84  | 92.9      | 38.3722 | 28.5024 |
| 2009 | 6     | 27  | 21   | 57     | 13     | 0.3       | 3.9     | 0.88  | 92.6      | 38.3384 | 29.5974 |
| 2009 | 6     | 27  | 22   | 7      | 13     | 0.3       | 3.9     | 0.9   | 92.7      | 38.3722 | 30.5222 |
| 2009 | 6     | 27  | 22   | 17     | 13     | 0.3       | 3.9     | 0.82  | 91.4      | 38.3722 | 27.8295 |
| 2009 | 6     | 27  | 22   | 27     | 13     | 0.3       | 3.9     | 0.85  | 94.2      | 38.3384 | 28.7006 |
| 2009 | 6     | 27  | 22   | 37     | 13     | 0.3       | 3.9     | 0.79  | 91.7      | 38.3722 | 26.7084 |
| 2009 | 6     | 27  | 22   | 47     | 13     | 0.3       | 3.9     | 0.82  | 91.8      | 38.3722 | 27.7174 |
| 2009 | 6     | 27  | 22   | 57     | 13     | 0.3       | 3.9     | 0.84  | 94        | 38.3722 | 28.2781 |
| 2009 | 6     | 27  | 23   | 7      | 13     | 0.3       | 3.9     | 0.76  | 90.5      | 38.3722 | 25.6999 |
| 2009 | 6     | 27  | 23   | 17     | 13     | 0.3       | 3.9     | 0.89  | 91.3      | 38.3722 | 29.961  |
| 2009 | 6     | 27  | 23   | 27     | 13     | 0.3       | 3.9     | 0.82  | 91.6      | 38.3722 | 27.7174 |
| 2009 | 6     | 27  | 23   | 37     | 13     | 0.3       | 3.9     | 0.86  | 94.2      | 38.3722 | 28.9511 |
| 2009 | 6     | 27  | 23   | 47     | 13     | 0.3       | 3.9     | 0.85  | 92.6      | 38.3722 | 28.8389 |
| 2009 | 6     | 27  | 23   | 57     | 13     | 0.3       | 3.9     | 0.82  | 92.3      | 38.3384 | 27.6922 |
| 2009 | 6     | 28  | 0    | 7      | 13     | 0.3       | 3.9     | 0.84  | 91.8      | 38.3722 | 28.2781 |
| 2009 | 6     | 28  | 0    | 17     | 13     | 0.3       | 3.9     | 0.87  | 94.1      | 38.3722 | 29.1755 |
| 2009 | 6     | 28  | 0    | 27     | 13     | 0.3       | 3.9     | 0.85  | 93.8      | 38.3722 | 28.5024 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 28  | 0    | 37     | 13     | 0.3       | 3.9     | 0.77  | 93.7      | 38.3722 | 26.036  |
| 2009 | 6     | 28  | 0    | 47     | 13     | 0.3       | 3.9     | 0.87  | 92.4      | 38.3722 | 29.2877 |
| 2009 | 6     | 28  | 0    | 57     | 13     | 0.3       | 3.9     | 0.85  | 91.1      | 38.3722 | 28.7268 |
| 2009 | 6     | 28  | 1    | 7      | 13     | 0.3       | 3.9     | 0.8   | 94.5      | 38.3384 | 27.0201 |
| 2009 | 6     | 28  | 1    | 17     | 13     | 0.3       | 3.9     | 0.9   | 92.3      | 38.3722 | 30.2977 |
| 2009 | 6     | 28  | 1    | 27     | 13     | 0.3       | 3.9     | 0.88  | 91.5      | 38.3722 | 29.7365 |
| 2009 | 6     | 28  | 1    | 37     | 13     | 0.3       | 3.9     | 0.87  | 90.2      | 38.3722 | 29.5121 |
| 2009 | 6     | 28  | 1    | 47     | 13     | 0.3       | 3.9     | 0.88  | 91.3      | 38.3722 | 29.7365 |
| 2009 | 6     | 28  | 1    | 57     | 13     | 0.3       | 3.9     | 0.87  | 92.8      | 38.3384 | 29.261  |
| 2009 | 6     | 28  | 2    | 7      | 13     | 0.3       | 3.9     | 0.78  | 94.8      | 38.3384 | 26.2362 |
| 2009 | 6     | 28  | 2    | 17     | 13     | 0.3       | 3.9     | 0.83  | 93.2      | 38.3384 | 28.0283 |
| 2009 | 6     | 28  | 2    | 27     | 13     | 0.3       | 3.9     | 0.8   | 94        | 38.3384 | 26.9081 |
| 2009 | 6     | 28  | 2    | 37     | 13     | 0.3       | 3.9     | 0.86  | 90.9      | 38.3384 | 29.149  |
| 2009 | 6     | 28  | 2    | 47     | 13     | 0.3       | 3.9     | 0.87  | 95        | 38.3384 | 29.261  |
| 2009 | 6     | 28  | 2    | 57     | 13     | 0.3       | 3.9     | 0.85  | 92.2      | 38.3384 | 28.5886 |
| 2009 | 6     | 28  | 3    | 7      | 13     | 0.3       | 3.9     | 0.83  | 92.3      | 38.3384 | 28.0283 |
| 2009 | 6     | 28  | 3    | 17     | 13     | 0.3       | 3.9     | 0.81  | 94.4      | 38.3384 | 27.2441 |
| 2009 | 6     | 28  | 3    | 27     | 13     | 0.3       | 3.9     | 0.82  | 94.3      | 38.3384 | 27.6922 |
| 2009 | 6     | 28  | 3    | 37     | 13     | 0.3       | 3.9     | 0.85  | 94.2      | 38.3384 | 28.4765 |
| 2009 | 6     | 28  | 3    | 47     | 13     | 0.3       | 3.9     | 0.82  | 93.5      | 38.3722 | 27.4931 |
| 2009 | 6     | 28  | 3    | 57     | 13     | 0.3       | 3.9     | 0.79  | 94.1      | 38.3384 | 26.5721 |
| 2009 | 6     | 28  | 4    | 7      | 13     | 0.3       | 3.9     | 0.86  | 94.8      | 38.3384 | 29.0369 |
| 2009 | 6     | 28  | 4    | 17     | 13     | 0.3       | 3.9     | 0.81  | 96.7      | 38.3722 | 27.2689 |
| 2009 | 6     | 28  | 4    | 27     | 13     | 0.3       | 3.9     | 0.84  | 93.1      | 38.3722 | 28.3903 |
| 2009 | 6     | 28  | 4    | 37     | 13     | 0.3       | 3.9     | 0.85  | 90.9      | 38.3722 | 28.8389 |
| 2009 | 6     | 28  | 4    | 47     | 13     | 0.3       | 3.9     | 0.84  | 91.6      | 38.3722 | 28.3903 |
| 2009 | 6     | 28  | 4    | 57     | 13     | 0.3       | 3.9     | 0.79  | 94.5      | 38.3384 | 26.6841 |
| 2009 | 6     | 28  | 5    | 7      | 13     | 0.3       | 3.9     | 0.83  | 93.6      | 38.3722 | 27.8295 |
| 2009 | 6     | 28  | 5    | 17     | 13     | 0.3       | 3.9     | 0.83  | 93.9      | 38.3722 | 27.8295 |
| 2009 | 6     | 28  | 5    | 27     | 13     | 0.3       | 3.9     | 0.76  | 95.9      | 38.3722 | 25.5878 |
| 2009 | 6     | 28  | 5    | 37     | 13     | 0.3       | 3.9     | 0.84  | 90        | 38.3722 | 28.3903 |
| 2009 | 6     | 28  | 5    | 47     | 13     | 0.3       | 3.9     | 0.85  | 92.9      | 38.3722 | 28.7268 |
| 2009 | 6     | 28  | 5    | 57     | 13     | 0.3       | 3.9     | 0.84  | 90.4      | 38.3722 | 28.2781 |
| 2009 | 6     | 28  | 6    | 7      | 13     | 0.3       | 3.9     | 0.82  | 93.7      | 38.3722 | 27.6053 |
| 2009 | 6     | 28  | 6    | 17     | 13     | 0.3       | 3.9     | 0.82  | 90.9      | 38.3722 | 27.8295 |
| 2009 | 6     | 28  | 6    | 27     | 13     | 0.3       | 3.9     | 0.87  | 94.3      | 38.3722 | 29.1755 |
| 2009 | 6     | 28  | 6    | 37     | 13     | 0.3       | 3.9     | 0.86  | 92.8      | 38.406  | 29.0898 |
| 2009 | 6     | 28  | 6    | 47     | 13     | 0.3       | 3.9     | 0.9   | 91.7      | 38.406  | 30.4376 |
| 2009 | 6     | 28  | 6    | 57     | 13     | 0.3       | 3.9     | 0.82  | 93.9      | 38.406  | 27.5182 |
| 2009 | 6     | 28  | 7    | 7      | 13     | 0.3       | 3.9     | 0.78  | 92.4      | 38.406  | 26.3962 |
| 2009 | 6     | 28  | 7    | 17     | 13     | 0.3       | 3.9     | 0.84  | 91.3      | 38.406  | 28.5284 |
| 2009 | 6     | 28  | 7    | 27     | 13     | 0.3       | 3.9     | 0.92  | 94.7      | 38.4398 | 31.0276 |
| 2009 | 6     | 28  | 7    | 37     | 13     | 0.3       | 3.9     | 0.84  | 91.6      | 38.4398 | 28.3296 |
| 2009 | 6     | 28  | 7    | 47     | 13     | 0.3       | 3.9     | 0.83  | 93.2      | 38.4398 | 27.9925 |
| 2009 | 6     | 28  | 7    | 57     | 13     | 0.3       | 3.9     | 0.87  | 90.2      | 38.4398 | 29.341  |
| 2009 | 6     | 28  | 8    | 7      | 13     | 0.3       | 3.9     | 0.83  | 91.8      | 38.4398 | 28.2172 |
| 2009 | 6     | 28  | 8    | 17     | 13     | 0.3       | 3.9     | 0.77  | 92.7      | 38.4398 | 25.9712 |
| 2009 | 6     | 28  | 8    | 27     | 13     | 0.3       | 3.9     | 0.81  | 93.2      | 38.4398 | 27.4309 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 28  | 8    | 37     | 13     | 0.3       | 3.9     | 0.79  | 95        | 38.4398 | 26.6447 |
| 2009 | 6     | 28  | 8    | 47     | 13     | 0.3       | 3.9     | 0.87  | 90.4      | 38.4398 | 29.341  |
| 2009 | 6     | 28  | 8    | 57     | 13     | 0.3       | 3.9     | 0.76  | 91.7      | 38.4398 | 25.8589 |
| 2009 | 6     | 28  | 9    | 7      | 13     | 0.3       | 3.9     | 0.83  | 95.4      | 38.4398 | 27.9925 |
| 2009 | 6     | 28  | 9    | 17     | 13     | 0.3       | 3.9     | 0.79  | 95        | 38.4736 | 26.5566 |
| 2009 | 6     | 28  | 9    | 27     | 13     | 0.3       | 3.9     | 0.84  | 93.1      | 38.4736 | 28.5802 |
| 2009 | 6     | 28  | 9    | 37     | 13     | 0.3       | 3.9     | 0.84  | 92        | 38.4398 | 28.3296 |
| 2009 | 6     | 28  | 9    | 47     | 13     | 0.3       | 3.9     | 0.74  | 96.8      | 38.4398 | 24.9611 |
| 2009 | 6     | 28  | 9    | 57     | 13     | 0.3       | 3.9     | 0.79  | 95.7      | 38.4398 | 26.5325 |
| 2009 | 6     | 28  | 10   | 7      | 13     | 0.3       | 3.9     | 0.85  | 94        | 38.4398 | 28.5543 |
| 2009 | 6     | 28  | 10   | 17     | 13     | 0.3       | 3.9     | 0.9   | 92.7      | 38.4398 | 30.5777 |
| 2009 | 6     | 28  | 10   | 27     | 13     | 0.3       | 3.9     | 0.81  | 92.5      | 38.4398 | 27.4309 |
| 2009 | 6     | 28  | 10   | 37     | 13     | 0.3       | 3.9     | 0.8   | 94.5      | 38.4398 | 27.0939 |
| 2009 | 6     | 28  | 10   | 47     | 13     | 0.3       | 3.9     | 0.8   | 94.7      | 38.4398 | 26.9816 |
| 2009 | 6     | 28  | 10   | 57     | 13     | 0.3       | 3.9     | 0.82  | 92.1      | 38.406  | 27.7426 |
| 2009 | 6     | 28  | 11   | 7      | 13     | 0.3       | 3.9     | 0.74  | 95.6      | 38.4398 | 24.9611 |
| 2009 | 6     | 28  | 11   | 17     | 13     | 0.3       | 3.9     | 0.79  | 90.9      | 38.4398 | 26.8693 |
| 2009 | 6     | 28  | 11   | 27     | 13     | 0.3       | 3.9     | 0.76  | 91.7      | 38.406  | 25.7233 |
| 2009 | 6     | 28  | 11   | 37     | 13     | 0.3       | 3.9     | 0.85  | 90.2      | 38.406  | 28.7529 |
| 2009 | 6     | 28  | 11   | 47     | 13     | 0.3       | 3.9     | 0.79  | 95.5      | 38.406  | 26.5084 |
| 2009 | 6     | 28  | 11   | 57     | 13     | 0.3       | 3.9     | 0.78  | 93.4      | 38.406  | 26.284  |
| 2009 | 6     | 28  | 12   | 7      | 13     | 0.3       | 3.9     | 0.76  | 93        | 38.4398 | 25.7467 |
| 2009 | 6     | 28  | 12   | 17     | 13     | 0.3       | 3.9     | 0.77  | 93.4      | 38.4398 | 25.9712 |
| 2009 | 6     | 28  | 12   | 27     | 13     | 0.3       | 3.9     | 0.79  | 93.6      | 38.4398 | 26.5325 |
| 2009 | 6     | 28  | 12   | 37     | 13     | 0.3       | 3.9     | 0.82  | 94.3      | 38.406  | 27.7426 |
| 2009 | 6     | 28  | 12   | 47     | 13     | 0.3       | 3.9     | 0.77  | 94.1      | 38.4398 | 26.0834 |
| 2009 | 6     | 28  | 12   | 57     | 13     | 0.3       | 3.9     | 0.78  | 94.4      | 38.4398 | 26.1957 |
| 2009 | 6     | 28  | 13   | 7      | 13     | 0.3       | 3.9     | 0.74  | 93.3      | 38.4398 | 24.9611 |
| 2009 | 6     | 28  | 13   | 17     | 13     | 0.3       | 3.9     | 0.77  | 92.7      | 38.4398 | 25.8589 |
| 2009 | 6     | 28  | 13   | 27     | 13     | 0.3       | 3.9     | 0.78  | 94.1      | 38.4398 | 26.3079 |
| 2009 | 6     | 28  | 13   | 37     | 13     | 0.3       | 3.9     | 0.79  | 91.2      | 38.4398 | 26.6447 |
| 2009 | 6     | 28  | 13   | 47     | 13     | 0.3       | 3.9     | 0.78  | 90.7      | 38.4398 | 26.4202 |
| 2009 | 6     | 28  | 13   | 57     | 13     | 0.3       | 3.9     | 0.76  | 91.7      | 38.4398 | 25.7467 |
| 2009 | 6     | 28  | 14   | 7      | 13     | 0.3       | 3.9     | 0.77  | 94.6      | 38.4398 | 25.9712 |
| 2009 | 6     | 28  | 14   | 17     | 13     | 0.3       | 3.9     | 0.86  | 92.2      | 38.4398 | 29.0038 |
| 2009 | 6     | 28  | 14   | 27     | 13     | 0.3       | 3.9     | 0.76  | 90        | 38.4736 | 25.8824 |
| 2009 | 6     | 28  | 14   | 37     | 13     | 0.3       | 3.9     | 0.81  | 91.2      | 38.4398 | 27.3185 |
| 2009 | 6     | 28  | 14   | 47     | 13     | 0.3       | 3.9     | 0.76  | 94.7      | 38.4736 | 25.6577 |
| 2009 | 6     | 28  | 14   | 57     | 13     | 0.3       | 3.9     | 0.79  | 95.3      | 38.4736 | 26.5566 |
| 2009 | 6     | 28  | 15   | 7      | 13     | 0.3       | 3.9     | 0.8   | 93.5      | 38.4736 | 26.8937 |
| 2009 | 6     | 28  | 15   | 17     | 13     | 0.3       | 3.9     | 0.79  | 92.1      | 38.4398 | 26.757  |
| 2009 | 6     | 28  | 15   | 27     | 13     | 0.3       | 3.9     | 0.75  | 93.8      | 38.4736 | 25.3207 |
| 2009 | 6     | 28  | 15   | 37     | 13     | 0.3       | 3.9     | 0.79  | 96.4      | 38.4736 | 26.5566 |
| 2009 | 6     | 28  | 15   | 47     | 13     | 0.3       | 3.9     | 0.87  | 90.4      | 38.4736 | 29.3676 |
| 2009 | 6     | 28  | 15   | 57     | 13     | 0.3       | 3.9     | 0.79  | 91        | 38.4736 | 26.7813 |
| 2009 | 6     | 28  | 16   | 7      | 13     | 0.3       | 3.9     | 0.79  | 93.8      | 38.4736 | 26.669  |
| 2009 | 6     | 28  | 16   | 17     | 13     | 0.3       | 3.9     | 0.81  | 90.7      | 38.4398 | 27.4309 |
| 2009 | 6     | 28  | 16   | 27     | 13     | 0.3       | 3.9     | 0.79  | 94.3      | 38.4398 | 26.5325 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 28  | 16   | 37     | 13     | 0.3       | 3.9     | 0.84  | 93.3      | 38.4398 | 28.5543 |
| 2009 | 6     | 28  | 16   | 47     | 13     | 0.3       | 3.9     | 0.78  | 93.4      | 38.4398 | 26.4202 |
| 2009 | 6     | 28  | 16   | 57     | 13     | 0.3       | 3.9     | 0.77  | 93.9      | 38.4736 | 25.9947 |
| 2009 | 6     | 28  | 17   | 7      | 13     | 0.3       | 3.9     | 0.83  | 91.6      | 38.4398 | 28.1049 |
| 2009 | 6     | 28  | 17   | 17     | 13     | 0.3       | 3.9     | 0.83  | 91.4      | 38.4398 | 28.2172 |
| 2009 | 6     | 28  | 17   | 27     | 13     | 0.3       | 3.9     | 0.81  | 94.6      | 38.4398 | 27.4309 |
| 2009 | 6     | 28  | 17   | 37     | 13     | 0.3       | 3.9     | 0.79  | 92.9      | 38.4398 | 26.757  |
| 2009 | 6     | 28  | 17   | 47     | 13     | 0.3       | 3.9     | 0.77  | 92.7      | 38.4398 | 26.0834 |
| 2009 | 6     | 28  | 17   | 57     | 13     | 0.3       | 3.9     | 0.86  | 93.7      | 38.4398 | 29.0038 |
| 2009 | 6     | 28  | 18   | 7      | 13     | 0.3       | 3.9     | 0.87  | 90        | 38.4398 | 29.341  |
| 2009 | 6     | 28  | 18   | 17     | 13     | 0.3       | 3.9     | 0.84  | 91.6      | 38.4398 | 28.3296 |
| 2009 | 6     | 28  | 18   | 27     | 13     | 0.3       | 3.9     | 0.82  | 92.7      | 38.4398 | 27.7678 |
| 2009 | 6     | 28  | 18   | 37     | 13     | 0.3       | 3.9     | 0.82  | 93.4      | 38.4398 | 27.6555 |
| 2009 | 6     | 28  | 18   | 47     | 13     | 0.3       | 3.9     | 0.84  | 92.2      | 38.4398 | 28.5543 |
| 2009 | 6     | 28  | 18   | 57     | 13     | 0.3       | 3.9     | 0.83  | 91.4      | 38.4398 | 28.2172 |
| 2009 | 6     | 28  | 19   | 7      | 13     | 0.3       | 3.9     | 0.85  | 91.5      | 38.4398 | 28.779  |
| 2009 | 6     | 28  | 19   | 17     | 13     | 0.3       | 3.9     | 0.86  | 91.7      | 38.4398 | 29.1162 |
| 2009 | 6     | 28  | 19   | 27     | 13     | 0.3       | 3.9     | 0.79  | 92.6      | 38.4398 | 26.8693 |
| 2009 | 6     | 28  | 19   | 37     | 13     | 0.3       | 3.9     | 0.86  | 92.4      | 38.4398 | 29.1162 |
| 2009 | 6     | 28  | 19   | 47     | 13     | 0.3       | 3.9     | 0.83  | 93.4      | 38.4736 | 28.1304 |
| 2009 | 6     | 28  | 19   | 57     | 13     | 0.3       | 3.9     | 0.86  | 90.9      | 38.4736 | 29.2551 |
| 2009 | 6     | 28  | 20   | 7      | 13     | 0.3       | 3.9     | 0.88  | 91.1      | 38.4398 | 29.7906 |
| 2009 | 6     | 28  | 20   | 17     | 13     | 0.3       | 3.9     | 0.87  | 92.2      | 38.4398 | 29.4534 |
| 2009 | 6     | 28  | 20   | 27     | 13     | 0.3       | 3.9     | 0.84  | 94.7      | 38.4398 | 28.2172 |
| 2009 | 6     | 28  | 20   | 37     | 13     | 0.3       | 3.9     | 0.83  | 92.3      | 38.4736 | 28.2428 |
| 2009 | 6     | 28  | 20   | 47     | 13     | 0.3       | 3.9     | 0.81  | 91.2      | 38.4736 | 27.5682 |
| 2009 | 6     | 28  | 20   | 57     | 13     | 0.3       | 3.9     | 0.81  | 92.8      | 38.4736 | 27.3434 |
| 2009 | 6     | 28  | 21   | 7      | 13     | 0.3       | 3.9     | 0.85  | 90.9      | 38.4736 | 28.9177 |
| 2009 | 6     | 28  | 21   | 17     | 13     | 0.3       | 3.9     | 0.84  | 94.9      | 38.4736 | 28.4678 |
| 2009 | 6     | 28  | 21   | 27     | 13     | 0.3       | 3.9     | 0.81  | 93.5      | 38.4736 | 27.4558 |
| 2009 | 6     | 28  | 21   | 37     | 13     | 0.3       | 3.9     | 0.87  | 87.4      | 38.4736 | 29.5927 |
| 2009 | 6     | 28  | 21   | 47     | 13     | 0.3       | 3.9     | 0.85  | 92.2      | 38.4736 | 28.9177 |
| 2009 | 6     | 28  | 21   | 57     | 13     | 0.3       | 3.9     | 0.89  | 91.5      | 38.4736 | 30.1553 |
| 2009 | 6     | 28  | 22   | 7      | 13     | 0.3       | 3.9     | 0.86  | 92.8      | 38.4398 | 29.1162 |
| 2009 | 6     | 28  | 22   | 17     | 13     | 0.3       | 3.9     | 0.86  | 90.7      | 38.4736 | 29.2551 |
| 2009 | 6     | 28  | 22   | 27     | 13     | 0.3       | 3.9     | 0.86  | 92.2      | 38.4736 | 29.1426 |
| 2009 | 6     | 28  | 22   | 37     | 13     | 0.3       | 3.9     | 0.85  | 90.9      | 38.4736 | 28.9177 |
| 2009 | 6     | 28  | 22   | 47     | 13     | 0.3       | 3.9     | 0.85  | 94.4      | 38.4736 | 28.5802 |
| 2009 | 6     | 28  | 22   | 57     | 13     | 0.3       | 3.9     | 0.87  | 90.9      | 38.4398 | 29.5658 |
| 2009 | 6     | 28  | 23   | 7      | 13     | 0.3       | 3.9     | 0.81  | 90.7      | 38.4736 | 27.4558 |
| 2009 | 6     | 28  | 23   | 17     | 13     | 0.3       | 3.9     | 0.87  | 92.2      | 38.4736 | 29.3676 |
| 2009 | 6     | 28  | 23   | 27     | 13     | 0.3       | 3.9     | 0.84  | 92.5      | 38.4736 | 28.3553 |
| 2009 | 6     | 28  | 23   | 37     | 13     | 0.3       | 3.9     | 0.84  | 91.6      | 38.4736 | 28.5802 |
| 2009 | 6     | 28  | 23   | 47     | 13     | 0.3       | 3.9     | 0.87  | 90        | 38.4398 | 29.5658 |
| 2009 | 6     | 28  | 23   | 57     | 13     | 0.3       | 3.9     | 0.83  | 91.4      | 38.4736 | 28.0179 |
| 2009 | 6     | 29  | 0    | 7      | 13     | 0.3       | 3.9     | 0.89  | 93        | 38.4736 | 30.1553 |
| 2009 | 6     | 29  | 0    | 17     | 13     | 0.3       | 3.9     | 0.82  | 90.9      | 38.4398 | 27.8802 |
| 2009 | 6     | 29  | 0    | 27     | 13     | 0.3       | 3.9     | 0.89  | 90.2      | 38.4736 | 30.0427 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 29  | 0    | 37     | 13     | 0.3       | 3.9     | 0.83  | 92        | 38.4398 | 28.2172 |
| 2009 | 6     | 29  | 0    | 47     | 13     | 0.3       | 3.9     | 0.87  | 93        | 38.4398 | 29.341  |
| 2009 | 6     | 29  | 0    | 57     | 13     | 0.3       | 3.9     | 0.83  | 92        | 38.4398 | 27.9925 |
| 2009 | 6     | 29  | 1    | 7      | 13     | 0.3       | 3.9     | 0.87  | 90        | 38.4398 | 29.4534 |
| 2009 | 6     | 29  | 1    | 17     | 13     | 0.3       | 3.9     | 0.84  | 92.9      | 38.4398 | 28.3296 |
| 2009 | 6     | 29  | 1    | 27     | 13     | 0.3       | 3.9     | 0.85  | 92.2      | 38.4398 | 28.6667 |
| 2009 | 6     | 29  | 1    | 37     | 13     | 0.3       | 3.9     | 0.85  | 92.2      | 38.4398 | 28.8914 |
| 2009 | 6     | 29  | 1    | 47     | 13     | 0.3       | 3.9     | 0.82  | 93.4      | 38.4398 | 27.8802 |
| 2009 | 6     | 29  | 1    | 57     | 13     | 0.3       | 3.9     | 0.87  | 93.9      | 38.4736 | 29.4801 |
| 2009 | 6     | 29  | 2    | 7      | 13     | 0.3       | 3.9     | 0.8   | 94.5      | 38.4398 | 27.0939 |
| 2009 | 6     | 29  | 2    | 17     | 13     | 0.3       | 3.9     | 0.87  | 91.1      | 38.4398 | 29.4534 |
| 2009 | 6     | 29  | 2    | 27     | 13     | 0.3       | 3.9     | 0.81  | 92.5      | 38.4398 | 27.5432 |
| 2009 | 6     | 29  | 2    | 37     | 13     | 0.3       | 3.9     | 0.84  | 93.4      | 38.4736 | 28.3553 |
| 2009 | 6     | 29  | 2    | 47     | 13     | 0.3       | 3.9     | 0.86  | 93.9      | 38.4736 | 29.2551 |
| 2009 | 6     | 29  | 2    | 57     | 13     | 0.3       | 3.9     | 0.88  | 91.1      | 38.4736 | 29.9302 |
| 2009 | 6     | 29  | 3    | 7      | 13     | 0.3       | 3.9     | 0.84  | 94.3      | 38.4736 | 28.2428 |
| 2009 | 6     | 29  | 3    | 17     | 13     | 0.3       | 3.9     | 0.86  | 90.9      | 38.4736 | 29.2551 |
| 2009 | 6     | 29  | 3    | 27     | 13     | 0.3       | 3.9     | 0.84  | 93.4      | 38.4736 | 28.3553 |
| 2009 | 6     | 29  | 3    | 37     | 13     | 0.3       | 3.9     | 0.89  | 93        | 38.4736 | 30.1553 |
| 2009 | 6     | 29  | 3    | 47     | 13     | 0.3       | 3.9     | 0.77  | 93.4      | 38.4736 | 26.1071 |
| 2009 | 6     | 29  | 3    | 57     | 13     | 0.3       | 3.9     | 0.88  | 93.2      | 38.4736 | 29.9302 |
| 2009 | 6     | 29  | 4    | 7      | 13     | 0.3       | 3.9     | 0.83  | 90        | 38.4736 | 28.0179 |
| 2009 | 6     | 29  | 4    | 17     | 13     | 0.3       | 3.9     | 0.87  | 94.1      | 38.4736 | 29.5927 |
| 2009 | 6     | 29  | 4    | 27     | 13     | 0.3       | 3.9     | 0.82  | 92.3      | 38.5074 | 27.8183 |
| 2009 | 6     | 29  | 4    | 37     | 13     | 0.3       | 3.9     | 0.85  | 93.1      | 38.5074 | 28.8313 |
| 2009 | 6     | 29  | 4    | 47     | 13     | 0.3       | 3.9     | 0.86  | 90.9      | 38.5074 | 29.2817 |
| 2009 | 6     | 29  | 4    | 57     | 13     | 0.3       | 3.9     | 0.81  | 92.3      | 38.5074 | 27.3682 |
| 2009 | 6     | 29  | 5    | 7      | 13     | 0.3       | 3.9     | 0.84  | 92.7      | 38.5074 | 28.381  |
| 2009 | 6     | 29  | 5    | 17     | 13     | 0.3       | 3.9     | 0.83  | 93.2      | 38.5412 | 28.1814 |
| 2009 | 6     | 29  | 5    | 27     | 13     | 0.3       | 3.9     | 0.84  | 92.9      | 38.5074 | 28.4936 |
| 2009 | 6     | 29  | 5    | 37     | 13     | 0.3       | 3.9     | 0.88  | 91.1      | 38.5412 | 29.9845 |
| 2009 | 6     | 29  | 5    | 47     | 13     | 0.3       | 3.9     | 0.81  | 93.3      | 38.5412 | 27.2803 |
| 2009 | 6     | 29  | 5    | 57     | 13     | 0.3       | 3.9     | 0.86  | 92.2      | 38.575  | 29.1091 |
| 2009 | 6     | 29  | 6    | 7      | 13     | 0.3       | 3.9     | 0.86  | 92.2      | 38.575  | 29.1091 |
| 2009 | 6     | 29  | 6    | 17     | 13     | 0.3       | 3.9     | 0.83  | 91.1      | 38.6088 | 28.2324 |
| 2009 | 6     | 29  | 6    | 27     | 13     | 0.3       | 3.9     | 0.83  | 94.5      | 38.575  | 28.2069 |
| 2009 | 6     | 29  | 6    | 37     | 13     | 0.3       | 3.9     | 0.86  | 90.2      | 38.6088 | 29.1355 |
| 2009 | 6     | 29  | 6    | 47     | 13     | 0.3       | 3.9     | 0.81  | 93.3      | 38.6088 | 27.3297 |
| 2009 | 6     | 29  | 6    | 57     | 13     | 0.3       | 3.9     | 0.79  | 91.7      | 38.6426 | 26.7899 |
| 2009 | 6     | 29  | 7    | 7      | 13     | 0.3       | 3.9     | 0.83  | 93.2      | 38.6426 | 28.3709 |
| 2009 | 6     | 29  | 7    | 17     | 13     | 0.3       | 3.9     | 0.76  | 95.2      | 38.6426 | 25.7741 |
| 2009 | 6     | 29  | 7    | 27     | 13     | 0.3       | 3.9     | 0.86  | 92.9      | 38.6426 | 29.1618 |
| 2009 | 6     | 29  | 7    | 37     | 13     | 0.3       | 3.9     | 0.86  | 92        | 38.6426 | 29.2748 |
| 2009 | 6     | 29  | 7    | 47     | 13     | 0.3       | 3.9     | 0.8   | 93.8      | 38.6426 | 27.2415 |
| 2009 | 6     | 29  | 7    | 57     | 13     | 0.3       | 3.9     | 0.82  | 92.7      | 38.6426 | 27.9191 |
| 2009 | 6     | 29  | 8    | 7      | 13     | 0.3       | 3.9     | 0.83  | 92.3      | 38.6426 | 28.2579 |
| 2009 | 6     | 29  | 8    | 17     | 13     | 0.3       | 3.9     | 0.83  | 93.6      | 38.6426 | 28.032  |
| 2009 | 6     | 29  | 8    | 27     | 13     | 0.3       | 3.9     | 0.85  | 95.3      | 38.6426 | 28.8228 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 29  | 8    | 37     | 13     | 0.3       | 3.9     | 0.82  | 93.2      | 38.6426 | 27.9191 |
| 2009 | 6     | 29  | 8    | 47     | 13     | 0.3       | 3.9     | 0.89  | 91.1      | 38.6763 | 30.4325 |
| 2009 | 6     | 29  | 8    | 57     | 13     | 0.3       | 3.9     | 0.81  | 92.3      | 38.6426 | 27.6932 |
| 2009 | 6     | 29  | 9    | 7      | 13     | 0.3       | 3.9     | 0.8   | 92.3      | 38.6763 | 27.2661 |
| 2009 | 6     | 29  | 9    | 17     | 13     | 0.3       | 3.9     | 0.83  | 92.9      | 38.6763 | 28.3965 |
| 2009 | 6     | 29  | 9    | 27     | 13     | 0.3       | 3.9     | 0.82  | 95        | 38.6763 | 27.9443 |
| 2009 | 6     | 29  | 9    | 37     | 13     | 0.3       | 3.9     | 0.84  | 92.5      | 38.6763 | 28.6227 |
| 2009 | 6     | 29  | 9    | 47     | 13     | 0.3       | 3.9     | 0.81  | 93.7      | 38.6426 | 27.4674 |
| 2009 | 6     | 29  | 9    | 57     | 13     | 0.3       | 3.9     | 0.85  | 93.7      | 38.6426 | 29.0488 |
| 2009 | 6     | 29  | 10   | 7      | 13     | 0.3       | 3.9     | 0.8   | 92.1      | 38.6426 | 27.3544 |
| 2009 | 6     | 29  | 10   | 17     | 13     | 0.3       | 3.9     | 0.8   | 92.1      | 38.6426 | 27.3544 |
| 2009 | 6     | 29  | 10   | 27     | 13     | 0.3       | 3.9     | 0.89  | 91.9      | 38.6426 | 30.1789 |
| 2009 | 6     | 29  | 10   | 37     | 13     | 0.3       | 3.9     | 0.78  | 90.2      | 38.6426 | 26.5641 |
| 2009 | 6     | 29  | 10   | 47     | 13     | 0.3       | 3.9     | 0.82  | 92.5      | 38.6763 | 27.8312 |
| 2009 | 6     | 29  | 10   | 57     | 13     | 0.3       | 3.9     | 0.78  | 92.9      | 38.6426 | 26.4513 |
| 2009 | 6     | 29  | 11   | 7      | 13     | 0.3       | 3.9     | 0.86  | 93.3      | 38.6426 | 29.3878 |
| 2009 | 6     | 29  | 11   | 17     | 13     | 0.3       | 3.9     | 0.79  | 93.6      | 38.6426 | 26.677  |
| 2009 | 6     | 29  | 11   | 27     | 13     | 0.3       | 3.9     | 0.79  | 91.9      | 38.6088 | 26.8785 |
| 2009 | 6     | 29  | 11   | 37     | 13     | 0.3       | 3.9     | 0.84  | 91.1      | 38.6088 | 28.4582 |
| 2009 | 6     | 29  | 11   | 47     | 13     | 0.3       | 3.9     | 0.81  | 91.4      | 38.575  | 27.4178 |
| 2009 | 6     | 29  | 11   | 57     | 13     | 0.3       | 3.9     | 0.75  | 94        | 38.6088 | 25.2999 |
| 2009 | 6     | 29  | 12   | 7      | 13     | 0.3       | 3.9     | 0.76  | 95.2      | 38.575  | 25.7276 |
| 2009 | 6     | 29  | 12   | 17     | 13     | 0.3       | 3.9     | 0.78  | 94.1      | 38.575  | 26.4035 |
| 2009 | 6     | 29  | 12   | 27     | 13     | 0.3       | 3.9     | 0.81  | 90.2      | 38.575  | 27.6432 |
| 2009 | 6     | 29  | 12   | 37     | 13     | 0.3       | 3.9     | 0.81  | 92.1      | 38.6088 | 27.4426 |
| 2009 | 6     | 29  | 12   | 47     | 13     | 0.3       | 3.9     | 0.81  | 91.4      | 38.575  | 27.5305 |
| 2009 | 6     | 29  | 12   | 57     | 13     | 0.3       | 3.9     | 0.8   | 89.1      | 38.575  | 27.305  |
| 2009 | 6     | 29  | 13   | 7      | 13     | 0.3       | 3.9     | 0.8   | 92.1      | 38.575  | 27.1923 |
| 2009 | 6     | 29  | 13   | 17     | 13     | 0.3       | 3.9     | 0.84  | 93.8      | 38.6088 | 28.571  |
| 2009 | 6     | 29  | 13   | 27     | 13     | 0.3       | 3.9     | 0.78  | 92.4      | 38.6088 | 26.4274 |
| 2009 | 6     | 29  | 13   | 37     | 13     | 0.3       | 3.9     | 0.76  | 91.5      | 38.575  | 25.8402 |
| 2009 | 6     | 29  | 13   | 47     | 13     | 0.3       | 3.9     | 0.79  | 91.2      | 38.6088 | 26.9913 |
| 2009 | 6     | 29  | 13   | 57     | 13     | 0.3       | 3.9     | 0.75  | 92.5      | 38.575  | 25.277  |
| 2009 | 6     | 29  | 14   | 7      | 13     | 0.3       | 3.9     | 0.83  | 90.5      | 38.575  | 28.2069 |
| 2009 | 6     | 29  | 14   | 17     | 13     | 0.3       | 3.9     | 0.78  | 91        | 38.575  | 26.5162 |
| 2009 | 6     | 29  | 14   | 27     | 13     | 0.3       | 3.9     | 0.76  | 92.7      | 38.575  | 25.8402 |
| 2009 | 6     | 29  | 14   | 37     | 13     | 0.3       | 3.9     | 0.8   | 92.4      | 38.575  | 27.0796 |
| 2009 | 6     | 29  | 14   | 47     | 13     | 0.3       | 3.9     | 0.71  | 95        | 38.575  | 24.0386 |
| 2009 | 6     | 29  | 14   | 57     | 13     | 0.3       | 3.9     | 0.79  | 91.2      | 38.575  | 26.7415 |
| 2009 | 6     | 29  | 15   | 7      | 13     | 0.3       | 3.9     | 0.8   | 92.6      | 38.575  | 27.305  |
| 2009 | 6     | 29  | 15   | 17     | 13     | 0.3       | 3.9     | 0.78  | 92.4      | 38.5412 | 26.4922 |
| 2009 | 6     | 29  | 15   | 27     | 13     | 0.3       | 3.9     | 0.78  | 92.6      | 38.575  | 26.6288 |
| 2009 | 6     | 29  | 15   | 37     | 13     | 0.3       | 3.9     | 0.75  | 93.3      | 38.575  | 25.277  |
| 2009 | 6     | 29  | 15   | 47     | 13     | 0.3       | 3.9     | 0.81  | 93.5      | 38.575  | 27.305  |
| 2009 | 6     | 29  | 15   | 57     | 13     | 0.3       | 3.9     | 0.78  | 93.6      | 38.575  | 26.4035 |
| 2009 | 6     | 29  | 16   | 7      | 13     | 0.3       | 3.9     | 0.78  | 91.9      | 38.575  | 26.4035 |
| 2009 | 6     | 29  | 16   | 17     | 13     | 0.3       | 3.9     | 0.81  | 92.5      | 38.575  | 27.5305 |
| 2009 | 6     | 29  | 16   | 27     | 13     | 0.3       | 3.9     | 0.8   | 91.7      | 38.575  | 27.0796 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 29  | 16   | 37     | 13     | 0.3       | 3.9     | 0.78  | 91.9      | 38.5412 | 26.3796 |
| 2009 | 6     | 29  | 16   | 47     | 13     | 0.3       | 3.9     | 0.83  | 89.8      | 38.5412 | 28.2941 |
| 2009 | 6     | 29  | 16   | 57     | 13     | 0.3       | 3.9     | 0.82  | 93.4      | 38.5412 | 27.9561 |
| 2009 | 6     | 29  | 17   | 7      | 13     | 0.3       | 3.9     | 0.79  | 92.6      | 38.5412 | 26.7173 |
| 2009 | 6     | 29  | 17   | 17     | 13     | 0.3       | 3.9     | 0.81  | 92.3      | 38.575  | 27.5305 |
| 2009 | 6     | 29  | 17   | 27     | 13     | 0.3       | 3.9     | 0.8   | 92.3      | 38.575  | 27.305  |
| 2009 | 6     | 29  | 17   | 37     | 13     | 0.3       | 3.9     | 0.82  | 92.7      | 38.575  | 27.8687 |
| 2009 | 6     | 29  | 17   | 47     | 13     | 0.3       | 3.9     | 0.75  | 92.5      | 38.5412 | 25.4792 |
| 2009 | 6     | 29  | 17   | 57     | 13     | 0.3       | 3.9     | 0.89  | 89.6      | 38.5412 | 30.0972 |
| 2009 | 6     | 29  | 18   | 7      | 13     | 0.3       | 3.9     | 0.84  | 90        | 38.5412 | 28.4067 |
| 2009 | 6     | 29  | 18   | 17     | 13     | 0.3       | 3.9     | 0.86  | 90.9      | 38.5412 | 29.0828 |
| 2009 | 6     | 29  | 18   | 27     | 13     | 0.3       | 3.9     | 0.84  | 92.7      | 38.575  | 28.5452 |
| 2009 | 6     | 29  | 18   | 37     | 13     | 0.3       | 3.9     | 0.79  | 94.1      | 38.5412 | 26.6048 |
| 2009 | 6     | 29  | 18   | 47     | 13     | 0.3       | 3.9     | 0.84  | 93.8      | 38.5412 | 28.2941 |
| 2009 | 6     | 29  | 18   | 57     | 13     | 0.3       | 3.9     | 0.85  | 90.7      | 38.5412 | 28.8574 |
| 2009 | 6     | 29  | 19   | 7      | 13     | 0.3       | 3.9     | 0.78  | 93.8      | 38.5412 | 26.4922 |
| 2009 | 6     | 29  | 19   | 17     | 13     | 0.3       | 3.9     | 0.79  | 90.2      | 38.5412 | 26.9425 |
| 2009 | 6     | 29  | 19   | 27     | 13     | 0.3       | 3.9     | 0.88  | 91.9      | 38.5412 | 29.9845 |
| 2009 | 6     | 29  | 19   | 37     | 13     | 0.3       | 3.9     | 0.86  | 92.2      | 38.5412 | 29.1955 |
| 2009 | 6     | 29  | 19   | 47     | 13     | 0.3       | 3.9     | 0.83  | 93.4      | 38.5412 | 28.2941 |
| 2009 | 6     | 29  | 19   | 57     | 13     | 0.3       | 3.9     | 0.78  | 93.6      | 38.5412 | 26.267  |
| 2009 | 6     | 29  | 20   | 7      | 13     | 0.3       | 3.9     | 0.86  | 91.5      | 38.5412 | 29.3082 |
| 2009 | 6     | 29  | 20   | 17     | 13     | 0.3       | 3.9     | 0.9   | 91.3      | 38.575  | 30.5759 |
| 2009 | 6     | 29  | 20   | 27     | 13     | 0.3       | 3.9     | 0.82  | 93.2      | 38.575  | 27.7559 |
| 2009 | 6     | 29  | 20   | 37     | 13     | 0.3       | 3.9     | 0.8   | 93.5      | 38.575  | 27.1923 |
| 2009 | 6     | 29  | 20   | 47     | 13     | 0.3       | 3.9     | 0.88  | 93.4      | 38.575  | 29.786  |
| 2009 | 6     | 29  | 20   | 57     | 13     | 0.3       | 3.9     | 0.85  | 93.5      | 38.5412 | 28.9701 |
| 2009 | 6     | 29  | 21   | 7      | 13     | 0.3       | 3.9     | 0.87  | 92.2      | 38.575  | 29.4475 |
| 2009 | 6     | 29  | 21   | 17     | 13     | 0.3       | 3.9     | 0.85  | 92        | 38.575  | 28.8835 |
| 2009 | 6     | 29  | 21   | 27     | 13     | 0.3       | 3.9     | 0.9   | 91.5      | 38.575  | 30.463  |
| 2009 | 6     | 29  | 21   | 37     | 13     | 0.3       | 3.9     | 0.85  | 89.8      | 38.575  | 28.9963 |
| 2009 | 6     | 29  | 21   | 47     | 13     | 0.3       | 3.9     | 0.9   | 91.2      | 38.575  | 30.6887 |
| 2009 | 6     | 29  | 21   | 57     | 13     | 0.3       | 3.9     | 0.82  | 91.8      | 38.575  | 27.8687 |
| 2009 | 6     | 29  | 22   | 7      | 13     | 0.3       | 3.9     | 0.86  | 91.5      | 38.575  | 29.3347 |
| 2009 | 6     | 29  | 22   | 17     | 13     | 0.3       | 3.9     | 0.8   | 92.1      | 38.575  | 27.0796 |
| 2009 | 6     | 29  | 22   | 27     | 13     | 0.3       | 3.9     | 0.88  | 94.1      | 38.575  | 29.786  |
| 2009 | 6     | 29  | 22   | 37     | 13     | 0.3       | 3.9     | 0.85  | 93.1      | 38.6088 | 28.9097 |
| 2009 | 6     | 29  | 22   | 47     | 13     | 0.3       | 3.9     | 0.85  | 92.9      | 38.6088 | 29.0226 |
| 2009 | 6     | 29  | 22   | 57     | 13     | 0.3       | 3.9     | 0.85  | 90.9      | 38.6426 | 29.0488 |
| 2009 | 6     | 29  | 23   | 7      | 13     | 0.3       | 3.9     | 0.87  | 92        | 38.6426 | 29.5008 |
| 2009 | 6     | 29  | 23   | 17     | 13     | 0.3       | 3.9     | 0.84  | 94.5      | 38.6426 | 28.5968 |
| 2009 | 6     | 29  | 23   | 27     | 13     | 0.3       | 3.9     | 0.81  | 91.6      | 38.6426 | 27.4674 |
| 2009 | 6     | 29  | 23   | 37     | 13     | 0.3       | 3.9     | 0.9   | 93.8      | 38.6426 | 30.5181 |
| 2009 | 6     | 29  | 23   | 47     | 13     | 0.3       | 3.9     | 0.9   | 91.2      | 38.6763 | 30.772  |
| 2009 | 6     | 29  | 23   | 57     | 13     | 0.3       | 3.9     | 0.91  | 90.8      | 38.6763 | 30.8851 |
| 2009 | 6     | 30  | 0    | 7      | 13     | 0.3       | 3.9     | 0.9   | 92.1      | 38.6763 | 30.772  |
| 2009 | 6     | 30  | 0    | 17     | 13     | 0.3       | 3.9     | 0.88  | 88.5      | 38.6763 | 29.8668 |
| 2009 | 6     | 30  | 0    | 27     | 13     | 0.3       | 3.9     | 0.89  | 93.2      | 38.7101 | 30.2334 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 30  | 0    | 37     | 13     | 0.3       | 3.9     | 0.86  | 90.4      | 38.7101 | 29.3276 |
| 2009 | 6     | 30  | 0    | 47     | 13     | 0.3       | 3.9     | 0.8   | 93.5      | 38.7101 | 27.2907 |
| 2009 | 6     | 30  | 0    | 57     | 13     | 0.3       | 3.9     | 0.85  | 92.7      | 38.7101 | 28.988  |
| 2009 | 6     | 30  | 1    | 7      | 13     | 0.3       | 3.9     | 0.92  | 90.8      | 38.7101 | 31.4794 |
| 2009 | 6     | 30  | 1    | 17     | 13     | 0.3       | 3.9     | 0.92  | 92.5      | 38.7101 | 31.3661 |
| 2009 | 6     | 30  | 1    | 27     | 13     | 0.3       | 3.9     | 0.84  | 93.4      | 38.7439 | 28.561  |
| 2009 | 6     | 30  | 1    | 37     | 13     | 0.3       | 3.9     | 0.85  | 90.2      | 38.7439 | 29.1274 |
| 2009 | 6     | 30  | 1    | 47     | 13     | 0.3       | 3.9     | 0.81  | 93.5      | 38.7439 | 27.5417 |
| 2009 | 6     | 30  | 1    | 57     | 13     | 0.3       | 3.9     | 0.89  | 90.8      | 38.7439 | 30.2606 |
| 2009 | 6     | 30  | 2    | 7      | 13     | 0.3       | 3.9     | 0.83  | 91.6      | 38.7439 | 28.4477 |
| 2009 | 6     | 30  | 2    | 17     | 13     | 0.3       | 3.9     | 0.81  | 92.5      | 38.7439 | 27.7682 |
| 2009 | 6     | 30  | 2    | 27     | 13     | 0.3       | 3.9     | 0.8   | 92.6      | 38.7439 | 27.2021 |
| 2009 | 6     | 30  | 2    | 37     | 13     | 0.3       | 3.9     | 0.87  | 90.6      | 38.7439 | 29.8073 |
| 2009 | 6     | 30  | 2    | 47     | 13     | 0.3       | 3.9     | 0.83  | 91.6      | 38.7439 | 28.2212 |
| 2009 | 6     | 30  | 2    | 57     | 13     | 0.3       | 3.9     | 0.86  | 91.7      | 38.7439 | 29.4673 |
| 2009 | 6     | 30  | 3    | 7      | 13     | 0.3       | 3.9     | 0.88  | 92.6      | 38.7439 | 29.9206 |
| 2009 | 6     | 30  | 3    | 17     | 13     | 0.3       | 3.9     | 0.88  | 94        | 38.7439 | 30.1473 |
| 2009 | 6     | 30  | 3    | 27     | 13     | 0.3       | 3.9     | 0.82  | 91.6      | 38.7439 | 27.9947 |
| 2009 | 6     | 30  | 3    | 37     | 13     | 0.3       | 3.9     | 0.83  | 91.4      | 38.7776 | 28.4734 |
| 2009 | 6     | 30  | 3    | 47     | 13     | 0.3       | 3.9     | 0.88  | 94.1      | 38.7776 | 29.9476 |
| 2009 | 6     | 30  | 3    | 57     | 13     | 0.3       | 3.9     | 0.85  | 93.1      | 38.7776 | 28.9269 |
| 2009 | 6     | 30  | 4    | 7      | 13     | 0.3       | 3.9     | 0.85  | 93.7      | 38.7776 | 29.1537 |
| 2009 | 6     | 30  | 4    | 17     | 13     | 0.3       | 3.9     | 0.84  | 91.8      | 38.7776 | 28.7001 |
| 2009 | 6     | 30  | 4    | 27     | 13     | 0.3       | 3.9     | 0.86  | 92.9      | 38.7776 | 29.2671 |
| 2009 | 6     | 30  | 4    | 37     | 13     | 0.3       | 3.9     | 0.83  | 92        | 38.7776 | 28.2466 |
| 2009 | 6     | 30  | 4    | 47     | 13     | 0.3       | 3.9     | 0.87  | 93.9      | 38.7776 | 29.6073 |
| 2009 | 6     | 30  | 4    | 57     | 13     | 0.3       | 3.9     | 0.75  | 95.5      | 38.7776 | 25.4142 |
| 2009 | 6     | 30  | 5    | 7      | 13     | 0.3       | 3.9     | 0.85  | 94.7      | 38.7776 | 28.9269 |
| 2009 | 6     | 30  | 5    | 17     | 13     | 0.3       | 3.9     | 0.85  | 92.9      | 38.7776 | 29.0403 |
| 2009 | 6     | 30  | 5    | 27     | 13     | 0.3       | 3.9     | 0.86  | 92.4      | 38.7776 | 29.4939 |
| 2009 | 6     | 30  | 5    | 37     | 13     | 0.3       | 3.9     | 0.78  | 90        | 38.7776 | 26.6601 |
| 2009 | 6     | 30  | 5    | 47     | 13     | 0.3       | 3.9     | 0.86  | 92.8      | 38.7776 | 29.4939 |
| 2009 | 6     | 30  | 5    | 57     | 13     | 0.3       | 3.9     | 0.86  | 91.3      | 38.7776 | 29.2671 |
| 2009 | 6     | 30  | 6    | 7      | 13     | 0.3       | 3.9     | 0.82  | 94.4      | 38.7776 | 27.9066 |
| 2009 | 6     | 30  | 6    | 17     | 13     | 0.3       | 3.9     | 0.82  | 91.2      | 38.8114 | 27.9317 |
| 2009 | 6     | 30  | 6    | 27     | 13     | 0.3       | 3.9     | 0.8   | 93.3      | 38.8114 | 27.3645 |
| 2009 | 6     | 30  | 6    | 37     | 13     | 0.3       | 3.9     | 0.81  | 91.2      | 38.8114 | 27.8183 |
| 2009 | 6     | 30  | 6    | 47     | 13     | 0.3       | 3.9     | 0.83  | 93.2      | 38.8114 | 28.2721 |
| 2009 | 6     | 30  | 6    | 57     | 13     | 0.3       | 3.9     | 0.84  | 92        | 38.8114 | 28.6125 |
| 2009 | 6     | 30  | 7    | 7      | 13     | 0.3       | 3.9     | 0.86  | 90.7      | 38.8114 | 29.5205 |
| 2009 | 6     | 30  | 7    | 17     | 13     | 0.3       | 3.9     | 0.85  | 92        | 38.8114 | 28.953  |
| 2009 | 6     | 30  | 7    | 27     | 13     | 0.3       | 3.9     | 0.83  | 90.9      | 38.8114 | 28.499  |
| 2009 | 6     | 30  | 7    | 37     | 13     | 0.3       | 3.9     | 0.84  | 92.7      | 38.8114 | 28.8395 |
| 2009 | 6     | 30  | 7    | 47     | 13     | 0.3       | 3.9     | 0.83  | 93.4      | 38.8114 | 28.2721 |
| 2009 | 6     | 30  | 7    | 57     | 13     | 0.3       | 3.9     | 0.79  | 91.2      | 38.8114 | 27.0243 |
| 2009 | 6     | 30  | 8    | 7      | 13     | 0.3       | 3.9     | 0.87  | 94.1      | 38.8451 | 29.5471 |
| 2009 | 6     | 30  | 8    | 17     | 13     | 0.3       | 3.9     | 0.81  | 92.5      | 38.8451 | 27.8433 |
| 2009 | 6     | 30  | 8    | 27     | 13     | 0.3       | 3.9     | 0.87  | 91.9      | 38.8451 | 29.7743 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 30  | 8    | 37     | 13     | 0.3       | 3.9     | 0.77  | 94.2      | 38.8451 | 26.2542 |
| 2009 | 6     | 30  | 8    | 47     | 13     | 0.3       | 3.9     | 0.89  | 92.7      | 38.8451 | 30.5698 |
| 2009 | 6     | 30  | 8    | 57     | 13     | 0.3       | 3.9     | 0.88  | 91.9      | 38.8451 | 30.1152 |
| 2009 | 6     | 30  | 9    | 7      | 13     | 0.3       | 3.9     | 0.87  | 91.5      | 38.8451 | 29.7743 |
| 2009 | 6     | 30  | 9    | 17     | 13     | 0.3       | 3.9     | 0.79  | 92.9      | 38.8451 | 26.9351 |
| 2009 | 6     | 30  | 9    | 27     | 13     | 0.3       | 3.9     | 0.85  | 94.4      | 38.8451 | 28.8654 |
| 2009 | 6     | 30  | 9    | 37     | 13     | 0.3       | 3.9     | 0.82  | 91.2      | 38.8451 | 27.9569 |
| 2009 | 6     | 30  | 9    | 47     | 13     | 0.3       | 3.9     | 0.81  | 93.5      | 38.8451 | 27.5027 |
| 2009 | 6     | 30  | 9    | 57     | 13     | 0.3       | 3.9     | 0.78  | 91.7      | 38.8451 | 26.5947 |
| 2009 | 6     | 30  | 10   | 7      | 13     | 0.3       | 3.9     | 0.8   | 92.3      | 38.8451 | 27.3892 |
| 2009 | 6     | 30  | 10   | 17     | 13     | 0.3       | 3.9     | 0.82  | 93.7      | 38.8451 | 27.9569 |
| 2009 | 6     | 30  | 10   | 27     | 13     | 0.3       | 3.9     | 0.83  | 92.5      | 38.8788 | 28.5503 |
| 2009 | 6     | 30  | 10   | 37     | 13     | 0.3       | 3.9     | 0.82  | 95        | 38.8788 | 28.0957 |
| 2009 | 6     | 30  | 10   | 47     | 13     | 0.3       | 3.9     | 0.79  | 94.5      | 38.8788 | 26.9594 |
| 2009 | 6     | 30  | 10   | 57     | 13     | 0.3       | 3.9     | 0.85  | 92        | 38.8788 | 29.1188 |
| 2009 | 6     | 30  | 11   | 7      | 13     | 0.3       | 3.9     | 0.77  | 95.6      | 38.8788 | 26.1643 |
| 2009 | 6     | 30  | 11   | 17     | 13     | 0.3       | 3.9     | 0.75  | 94        | 38.8788 | 25.483  |
| 2009 | 6     | 30  | 11   | 27     | 13     | 0.3       | 3.9     | 0.8   | 94.5      | 38.8788 | 27.4138 |
| 2009 | 6     | 30  | 11   | 37     | 13     | 0.3       | 3.9     | 0.8   | 91.6      | 38.8788 | 27.4138 |
| 2009 | 6     | 30  | 11   | 47     | 13     | 0.3       | 3.9     | 0.81  | 92.3      | 38.8788 | 27.7547 |
| 2009 | 6     | 30  | 11   | 57     | 13     | 0.3       | 3.9     | 0.84  | 93.8      | 38.8788 | 28.7777 |
| 2009 | 6     | 30  | 12   | 7      | 13     | 0.3       | 3.9     | 0.8   | 94.5      | 38.8788 | 27.1866 |
| 2009 | 6     | 30  | 12   | 17     | 13     | 0.3       | 3.9     | 0.82  | 94.4      | 38.8788 | 27.982  |
| 2009 | 6     | 30  | 12   | 27     | 13     | 0.3       | 3.9     | 0.79  | 92.4      | 38.8788 | 27.073  |
| 2009 | 6     | 30  | 12   | 37     | 13     | 0.3       | 3.9     | 0.83  | 91.6      | 38.8788 | 28.323  |
| 2009 | 6     | 30  | 12   | 47     | 13     | 0.3       | 3.9     | 0.83  | 93.9      | 38.8788 | 28.323  |
| 2009 | 6     | 30  | 12   | 57     | 13     | 0.3       | 3.9     | 0.8   | 92.6      | 38.8788 | 27.5274 |
| 2009 | 6     | 30  | 13   | 7      | 13     | 0.3       | 3.9     | 0.74  | 94.1      | 38.9125 | 25.2786 |
| 2009 | 6     | 30  | 13   | 17     | 13     | 0.3       | 3.9     | 0.81  | 91.8      | 38.8788 | 27.8684 |
| 2009 | 6     | 30  | 13   | 27     | 13     | 0.3       | 3.9     | 0.8   | 92.4      | 38.9125 | 27.3247 |
| 2009 | 6     | 30  | 13   | 37     | 13     | 0.3       | 3.9     | 0.76  | 93.7      | 38.9125 | 26.0741 |
| 2009 | 6     | 30  | 13   | 47     | 13     | 0.3       | 3.9     | 0.78  | 92.2      | 38.9125 | 26.8699 |
| 2009 | 6     | 30  | 13   | 57     | 13     | 0.3       | 3.9     | 0.78  | 93.6      | 38.9125 | 26.6425 |
| 2009 | 6     | 30  | 14   | 7      | 13     | 0.3       | 3.9     | 0.77  | 93.2      | 38.9125 | 26.1878 |
| 2009 | 6     | 30  | 14   | 17     | 13     | 0.3       | 3.9     | 0.81  | 92.5      | 38.9125 | 27.8934 |
| 2009 | 6     | 30  | 14   | 27     | 13     | 0.3       | 3.9     | 0.73  | 94.1      | 38.9125 | 25.0514 |
| 2009 | 6     | 30  | 14   | 37     | 13     | 0.3       | 3.9     | 0.82  | 91.6      | 38.9125 | 28.2347 |
| 2009 | 6     | 30  | 14   | 47     | 13     | 0.3       | 3.9     | 0.81  | 92.3      | 38.9125 | 27.6659 |
| 2009 | 6     | 30  | 14   | 57     | 13     | 0.3       | 3.9     | 0.79  | 93.1      | 38.9125 | 26.9836 |
| 2009 | 6     | 30  | 15   | 7      | 13     | 0.3       | 3.9     | 0.77  | 91.2      | 38.9125 | 26.5288 |
| 2009 | 6     | 30  | 15   | 17     | 13     | 0.3       | 3.9     | 0.81  | 92.5      | 38.9125 | 27.7797 |
| 2009 | 6     | 30  | 15   | 27     | 13     | 0.3       | 3.9     | 0.86  | 90.4      | 38.9125 | 29.6002 |
| 2009 | 6     | 30  | 15   | 37     | 13     | 0.3       | 3.9     | 0.75  | 94.5      | 38.9463 | 25.7562 |
| 2009 | 6     | 30  | 15   | 47     | 13     | 0.3       | 3.9     | 0.77  | 92.7      | 38.9463 | 26.4388 |
| 2009 | 6     | 30  | 15   | 57     | 13     | 0.3       | 3.9     | 0.81  | 92.3      | 38.9125 | 27.6659 |
| 2009 | 6     | 30  | 16   | 7      | 13     | 0.3       | 3.9     | 0.79  | 94.8      | 38.9463 | 27.0078 |
| 2009 | 6     | 30  | 16   | 17     | 13     | 0.3       | 3.9     | 0.76  | 95.2      | 38.9125 | 25.8468 |
| 2009 | 6     | 30  | 16   | 27     | 13     | 0.3       | 3.9     | 0.82  | 93.9      | 38.9125 | 28.1209 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 30  | 16   | 37     | 13     | 0.3       | 3.9     | 0.82  | 93        | 38.9463 | 28.0323 |
| 2009 | 6     | 30  | 16   | 47     | 13     | 0.3       | 3.9     | 0.85  | 92        | 38.9125 | 29.0311 |
| 2009 | 6     | 30  | 16   | 57     | 13     | 0.3       | 3.9     | 0.88  | 91.3      | 38.9125 | 30.2832 |
| 2009 | 6     | 30  | 17   | 7      | 13     | 0.3       | 3.9     | 0.81  | 91.2      | 38.9463 | 27.9184 |
| 2009 | 6     | 30  | 17   | 17     | 13     | 0.3       | 3.9     | 0.91  | 90.4      | 38.9125 | 31.0803 |
| 2009 | 6     | 30  | 17   | 27     | 13     | 0.3       | 3.9     | 0.81  | 91.4      | 38.9125 | 27.6659 |
| 2009 | 6     | 30  | 17   | 37     | 13     | 0.3       | 3.9     | 0.78  | 94.1      | 38.9463 | 26.7802 |
| 2009 | 6     | 30  | 17   | 47     | 13     | 0.3       | 3.9     | 0.79  | 95.2      | 38.9125 | 26.9836 |
| 2009 | 6     | 30  | 17   | 57     | 13     | 0.3       | 3.9     | 0.9   | 91.5      | 38.9463 | 30.7662 |
| 2009 | 6     | 30  | 18   | 7      | 13     | 0.3       | 3.9     | 0.77  | 92.7      | 38.9463 | 26.325  |
| 2009 | 6     | 30  | 18   | 17     | 13     | 0.3       | 3.9     | 0.85  | 92.2      | 38.9463 | 29.0572 |
| 2009 | 6     | 30  | 18   | 27     | 13     | 0.3       | 3.9     | 0.86  | 92.4      | 38.9463 | 29.5128 |
| 2009 | 6     | 30  | 18   | 37     | 13     | 0.3       | 3.9     | 0.85  | 92.2      | 38.9463 | 29.285  |
| 2009 | 6     | 30  | 18   | 47     | 13     | 0.3       | 3.9     | 0.88  | 93.9      | 38.9463 | 30.0825 |
| 2009 | 6     | 30  | 18   | 57     | 13     | 0.3       | 3.9     | 0.92  | 92.7      | 38.9463 | 31.5642 |
| 2009 | 6     | 30  | 19   | 7      | 13     | 0.3       | 3.9     | 0.82  | 92.5      | 38.9463 | 28.1461 |
| 2009 | 6     | 30  | 19   | 17     | 13     | 0.3       | 3.9     | 0.84  | 93.8      | 38.9463 | 28.7155 |
| 2009 | 6     | 30  | 19   | 27     | 13     | 0.3       | 3.9     | 0.84  | 93.4      | 38.9463 | 28.8294 |
| 2009 | 6     | 30  | 19   | 37     | 13     | 0.3       | 3.9     | 0.86  | 91.3      | 38.9463 | 29.5128 |
| 2009 | 6     | 30  | 19   | 47     | 13     | 0.3       | 3.9     | 0.85  | 93.3      | 38.9463 | 29.1711 |
| 2009 | 6     | 30  | 19   | 57     | 13     | 0.3       | 3.9     | 0.88  | 93.2      | 38.9463 | 30.0825 |
| 2009 | 6     | 30  | 20   | 7      | 13     | 0.3       | 3.9     | 0.84  | 92.7      | 38.9463 | 28.8294 |
| 2009 | 6     | 30  | 20   | 17     | 13     | 0.3       | 3.9     | 0.82  | 91.1      | 38.9463 | 28.1461 |
| 2009 | 6     | 30  | 20   | 27     | 13     | 0.3       | 3.9     | 0.84  | 92.5      | 38.9463 | 28.9433 |
| 2009 | 6     | 30  | 20   | 37     | 13     | 0.3       | 3.9     | 0.85  | 91.8      | 38.9463 | 29.1711 |
| 2009 | 6     | 30  | 20   | 47     | 13     | 0.3       | 3.9     | 0.85  | 93.8      | 38.9463 | 29.1711 |
| 2009 | 6     | 30  | 20   | 57     | 13     | 0.3       | 3.9     | 0.84  | 92.2      | 38.9463 | 28.7155 |
| 2009 | 6     | 30  | 21   | 7      | 13     | 0.3       | 3.9     | 0.83  | 91.8      | 38.9463 | 28.3739 |
| 2009 | 6     | 30  | 21   | 17     | 13     | 0.3       | 3.9     | 0.84  | 93.8      | 38.9463 | 28.8294 |
| 2009 | 6     | 30  | 21   | 27     | 13     | 0.3       | 3.9     | 0.9   | 90.2      | 38.9463 | 30.9942 |
| 2009 | 6     | 30  | 21   | 37     | 13     | 0.3       | 3.9     | 0.85  | 91.8      | 38.9463 | 29.1711 |
| 2009 | 6     | 30  | 21   | 47     | 13     | 0.3       | 3.9     | 0.8   | 92.6      | 38.9463 | 27.5769 |
| 2009 | 6     | 30  | 21   | 57     | 13     | 0.3       | 3.9     | 0.89  | 92.3      | 38.9463 | 30.6523 |
| 2009 | 6     | 30  | 22   | 7      | 13     | 0.3       | 3.9     | 0.86  | 92        | 38.9463 | 29.6268 |
| 2009 | 6     | 30  | 22   | 17     | 13     | 0.3       | 3.9     | 0.83  | 94.3      | 38.9463 | 28.26   |
| 2009 | 6     | 30  | 22   | 27     | 13     | 0.3       | 3.9     | 0.84  | 91.8      | 38.9463 | 28.9433 |
| 2009 | 6     | 30  | 22   | 37     | 13     | 0.3       | 3.9     | 0.84  | 91.8      | 38.9463 | 28.7155 |
| 2009 | 6     | 30  | 22   | 47     | 13     | 0.3       | 3.9     | 0.88  | 92.8      | 38.98   | 30.1095 |
| 2009 | 6     | 30  | 22   | 57     | 13     | 0.3       | 3.9     | 0.84  | 93.8      | 38.98   | 28.8552 |
| 2009 | 6     | 30  | 23   | 7      | 13     | 0.3       | 3.9     | 0.86  | 93.7      | 38.98   | 29.4253 |
| 2009 | 6     | 30  | 23   | 17     | 13     | 0.3       | 3.9     | 0.86  | 92.2      | 38.9463 | 29.6268 |
| 2009 | 6     | 30  | 23   | 27     | 13     | 0.3       | 3.9     | 0.81  | 92.3      | 38.98   | 27.7156 |
| 2009 | 6     | 30  | 23   | 37     | 13     | 0.3       | 3.9     | 0.85  | 94.2      | 38.98   | 29.1972 |
| 2009 | 6     | 30  | 23   | 47     | 13     | 0.3       | 3.9     | 0.88  | 92.6      | 38.98   | 30.3376 |
| 2009 | 6     | 30  | 23   | 57     | 13     | 0.3       | 3.9     | 0.88  | 90.6      | 38.98   | 30.1095 |

# Billy Lake Return

|         |      |
|---------|------|
| STA     | 0213 |
| YEAR    | 2009 |
| MO      | 6    |
| CFS1    | 1.1  |
| CFS2    | 1.4  |
| CFS3    | 1.3  |
| CFS4    | 1.3  |
| CFS5    | 1.2  |
| CFS6    | 1.1  |
| CFS7    | 1.1  |
| CFS8    | 1.1  |
| CFS9    | 1    |
| CFS10   | 1    |
| CFS11   | 0.96 |
| CFS12   | 0.91 |
| CFS13   | 0.85 |
| CFS14   | 0.82 |
| CFS15   | 0.82 |
| CFS16   | 0.82 |
| CFS17   | 0.82 |
| CFS18   | 0.82 |
| CFS19   | 0.78 |
| CFS20   | 0.76 |
| CFS21   | 0.81 |
| CFS22   | 0.9  |
| CFS23   | 0.95 |
| CFS24   | 1    |
| CFS25   | 1    |
| CFS26   | 1    |
| CFS27   | 1.1  |
| CFS28   | 1.1  |
| CFS29   | 1.1  |
| CFS30   | 1.33 |
| CFS31   | 0    |
| TOTALAF | 60   |
| AVECFS  | 1.01 |
| PEAKCFS | 1.4  |
| DY      | 2    |
| TIME    | 600  |
| MINCFS  | 0.71 |
| DY      | 19   |
| TIME    | 1800 |



"0213 WY 2010"

|          |       |      |
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| 06/02/09 | 21:30 | 0.31 |

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AquaCalc Pro (tm) by JBS Instruments (c)2006

S/N: 000000EC1426

Firmware Version: AQP-1V1.2.1

File Version: V1.5

Gage ID: 090629 MOUK

User ID: BFA

Meter name: PYGMY std2

Meter id: 0-00B

Meter type: PYGMY

Meter Standard: SAE

Meter Revs/Pulses: 1/1

Meter Const.S1: 0.9604

Meter Const.O1: 0.0312

Beg Time: 06/29/09 13:23

End Time: 06/29/09 14:07

Meas Time: 0.73

Section Diff: -0.97

Beg Gage height: 4.38

End Gage height: 0

Beg Staff height: 4.53

End Staff height: 0

Estimated Q: 65.53

Adjusted Q: 64.76

Measure time: 40

Measure standard: SAE

Measure equipment: TopSet Rod

Max Vertical Q: 5%

Measure Start at: REW

Vertical Count: 18

Section Velocity: 1.19

Section Width: 18

Section Area: 54.38

Section Q: 64.56

Section Diff: -0.97

Section Pct Err: -1.50%

Section WetPerim: 28.65

Section Hyd Rad: 1.9

| VERT | DIST | TDPTH | EDPTH | OBS | TIME  | REVS | CLOCK | MVEL | OVEL | VVEL | SSAREA | SSQ  | SSPCT |
|------|------|-------|-------|-----|-------|------|-------|------|------|------|--------|------|-------|
| 1    | 0    | 0     | 0     | E   |       |      | 13:23 |      |      | 0    | 0      | 0    | 0.00% |
| 2    | 1    | 2.7   | 2.7   | o6  | 40.1  | 34   | 13:27 | 0.85 | 0.85 | 0.85 | 2.7    | 2.28 | 3.50% |
| 3    | 2    | 3.58  | 3.58  | o2  | 40.12 | 48   | 13:30 | 1.18 | 1.18 |      |        |      |       |
| 3    | 2    | 3.58  | 3.58  | o6  | 40.51 | 44   | 13:29 | 1.07 | 1.07 |      |        |      |       |
| 3    | 2    | 3.58  | 3.58  | o8  | 40.15 | 32   | 13:28 | 0.8  | 0.8  | 1.03 | 3.58   | 3.69 | 5.70% |
| 4    | 3    | 4.17  | 4.17  | o2  | 40.25 | 49   | 13:32 | 1.2  | 1.2  |      |        |      |       |
| 4    | 3    | 4.17  | 4.17  | o6  | 41.31 | 37   | 13:33 | 0.89 | 0.89 |      |        |      |       |
| 4    | 3    | 4.17  | 4.17  | o8  | 40.62 | 34   | 13:34 | 0.84 | 0.84 | 0.95 | 4.17   | 3.98 | 6.20% |
| 5    | 4    | 4.38  | 4.38  | o2  | 40.35 | 50   | 13:37 | 1.22 | 1.22 |      |        |      |       |
| 5    | 4    | 4.38  | 4.38  | o6  | 40.34 | 48   | 13:36 | 1.17 | 1.17 |      |        |      |       |
| 5    | 4    | 4.38  | 4.38  | o8  | 40.66 | 45   | 13:36 | 1.09 | 1.09 | 1.17 | 4.38   | 5.11 | 7.90% |
| 6    | 5    | 4.35  | 4.35  | o2  | 40.49 | 57   | 13:39 | 1.38 | 1.38 |      |        |      |       |

|    |    |      |      |    |       |    |       |      |      |      |      |      |       |
|----|----|------|------|----|-------|----|-------|------|------|------|------|------|-------|
| 6  | 5  | 4.35 | 4.35 | o6 | 40.55 | 54 | 13:40 | 1.31 | 1.31 |      |      |      |       |
| 6  | 5  | 4.35 | 4.35 | o8 | 40.3  | 51 | 13:41 | 1.25 | 1.25 | 1.31 | 4.35 | 5.71 | 8.80% |
| 7  | 6  | 3.99 | 3.99 | o2 | 40.49 | 54 | 13:45 | 1.31 | 1.31 |      |      |      |       |
| 7  | 6  | 3.99 | 3.99 | o6 | 40.48 | 57 | 13:44 | 1.38 | 1.38 |      |      |      |       |
| 7  | 6  | 3.99 | 3.99 | o8 | 40.23 | 52 | 13:43 | 1.27 | 1.27 | 1.34 | 3.99 | 5.34 | 8.30% |
| 8  | 7  | 3.3  | 3.3  | o6 | 40.45 | 55 | 13:46 | 1.34 | 1.34 | 1.34 | 3.3  | 4.41 | 6.80% |
| 9  | 8  | 0    | 0    | E  |       |    | 13:23 |      |      | 0    | 0    | 0    | 0.00% |
| 10 | 10 | 0    | 0    | E  |       |    | 13:23 |      |      | 0    | 0    | 0    | 0.00% |
| 11 | 11 | 3.4  | 3.4  | o6 | 40.61 | 51 | 13:49 | 1.24 | 1.24 | 1.24 | 3.4  | 4.21 | 6.50% |
| 12 | 12 | 4.18 | 4.18 | o2 | 40.06 | 58 | 13:52 | 1.42 | 1.42 |      |      |      |       |
| 12 | 12 | 4.18 | 4.18 | o6 | 40.3  | 50 | 13:51 | 1.22 | 1.22 |      |      |      |       |
| 12 | 12 | 4.18 | 4.18 | o8 | 40.36 | 40 | 13:50 | 0.98 | 0.98 | 1.21 | 4.18 | 5.07 | 7.90% |
| 13 | 13 | 4.42 | 4.42 | o2 | 40.53 | 58 | 13:53 | 1.41 | 1.41 |      |      |      |       |
| 13 | 13 | 4.42 | 4.42 | o6 | 40.05 | 56 | 13:54 | 1.37 | 1.37 |      |      |      |       |
| 13 | 13 | 4.42 | 4.42 | o8 | 40.43 | 42 | 13:55 | 1.03 | 1.03 | 1.3  | 4.42 | 5.73 | 8.90% |
| 14 | 14 | 4.53 | 4.53 | o2 | 40.5  | 56 | 13:59 | 1.36 | 1.36 |      |      |      |       |
| 14 | 14 | 4.53 | 4.53 | o6 | 40.26 | 56 | 13:58 | 1.37 | 1.37 |      |      |      |       |
| 14 | 14 | 4.53 | 4.53 | o8 | 40.6  | 44 | 13:57 | 1.07 | 1.07 | 1.29 | 4.53 | 5.85 | 9.10% |
| 15 | 15 | 4.38 | 4.38 | o2 | 40.2  | 54 | 14:00 | 1.32 | 1.32 |      |      |      |       |
| 15 | 15 | 4.38 | 4.38 | o6 | 40.49 | 52 | 14:01 | 1.26 | 1.26 |      |      |      |       |
| 15 | 15 | 4.38 | 4.38 | o8 | 40.11 | 43 | 14:02 | 1.06 | 1.06 | 1.23 | 4.38 | 5.38 | 8.30% |
| 16 | 16 | 3.8  | 3.8  | o2 | 40.34 | 43 | 14:06 | 1.05 | 1.05 |      |      |      |       |
| 16 | 16 | 3.8  | 3.8  | o6 | 40.58 | 51 | 14:05 | 1.24 | 1.24 |      |      |      |       |
| 16 | 16 | 3.8  | 3.8  | o8 | 40.41 | 43 | 14:04 | 1.05 | 1.05 | 1.15 | 3.8  | 4.36 | 6.80% |
| 17 | 17 | 3.2  | 3.2  | o6 | 40.53 | 44 | 14:07 | 1.07 | 1.07 | 1.07 | 3.2  | 3.44 | 5.30% |
| 18 | 18 | 0    | 0    | E  |       |    | 13:24 |      |      | 0    | 0    | 0    | 0.00% |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 1   | 0    | 2      | 53     | 1.85      | -0.039    | 3.668 | 0.01      | 0.007     | 0         | 49.5 | 51.6 | 56.3 | 150        | 157        | 0          | 35     | 37     |
| 2009 | 6     | 1   | 0    | 12     | 53     | 1.86      | -0.039    | 3.668 | 0.013     | 0.01      | 0         | 49   | 51.2 | 56.3 | 150        | 157        | 0          | 36     | 38     |
| 2009 | 6     | 1   | 0    | 22     | 53     | 1.857     | -0.013    | 3.665 | 0.016     | 0.013     | 0         | 49.5 | 51.6 | 56.8 | 151        | 157        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 0    | 32     | 53     | 1.877     | -0.023    | 3.665 | 0.01      | 0.007     | 0         | 49.5 | 51.6 | 56.8 | 150        | 157        | 0          | 35     | 37     |
| 2009 | 6     | 1   | 0    | 42     | 53     | 1.896     | -0.066    | 3.661 | 0.013     | 0.01      | 0         | 49.5 | 51.6 | 56.3 | 151        | 157        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 0    | 52     | 53     | 1.886     | -0.066    | 3.661 | 0.016     | 0.013     | 0         | 49.5 | 52   | 56.8 | 151        | 158        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 1    | 2      | 53     | 1.916     | -0.026    | 3.658 | 0.016     | 0.013     | 0         | 49.5 | 52   | 55.9 | 151        | 158        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 1    | 12     | 53     | 1.847     | -0.043    | 3.658 | 0.013     | 0.01      | 0         | 49.9 | 51.6 | 55.9 | 151        | 158        | 0          | 35     | 38     |
| 2009 | 6     | 1   | 1    | 22     | 53     | 1.86      | -0.046    | 3.655 | 0.013     | 0.01      | 0         | 49.5 | 52   | 55.5 | 151        | 158        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 1    | 32     | 53     | 1.847     | -0.01     | 3.655 | 0.013     | 0.01      | 0         | 49.5 | 52.5 | 56.3 | 152        | 158        | 0          | 37     | 36     |
| 2009 | 6     | 1   | 1    | 42     | 53     | 1.867     | -0.013    | 3.655 | 0.01      | 0.007     | 0         | 49.5 | 52   | 57.2 | 151        | 158        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 1    | 52     | 53     | 1.87      | -0.007    | 3.655 | 0.01      | 0.007     | 0         | 49.5 | 51.6 | 58   | 151        | 158        | 0          | 36     | 38     |
| 2009 | 6     | 1   | 2    | 2      | 53     | 1.883     | -0.03     | 3.652 | 0.013     | 0.01      | 0         | 49.5 | 52   | 55.9 | 151        | 158        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 2    | 12     | 53     | 1.85      | -0.007    | 3.652 | 0.013     | 0.01      | 0         | 49.5 | 52   | 58   | 152        | 158        | 0          | 37     | 37     |
| 2009 | 6     | 1   | 2    | 22     | 53     | 1.88      | -0.026    | 3.652 | 0.016     | 0.013     | 0         | 49.9 | 52.5 | 58   | 152        | 159        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 2    | 32     | 53     | 1.893     | -0.03     | 3.652 | 0.01      | 0.007     | 0         | 49.9 | 52   | 58   | 152        | 158        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 2    | 42     | 53     | 1.873     | -0.069    | 3.648 | 0.013     | 0.01      | 0         | 49.9 | 52   | 57.2 | 152        | 158        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 2    | 52     | 53     | 1.886     | -0.069    | 3.648 | 0.016     | 0.013     | 0         | 49.9 | 52.5 | 58.5 | 152        | 159        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 3    | 2      | 53     | 1.88      | -0.023    | 3.648 | 0.01      | 0.007     | 0         | 49.9 | 52.5 | 58.9 | 152        | 159        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 3    | 12     | 53     | 1.9       | -0.036    | 3.648 | 0.01      | 0.007     | 0         | 49.9 | 52   | 58.9 | 152        | 159        | 0          | 36     | 38     |
| 2009 | 6     | 1   | 3    | 22     | 53     | 1.89      | -0.049    | 3.645 | 0.013     | 0.01      | 0         | 49.9 | 52.5 | 56.3 | 152        | 159        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 3    | 32     | 53     | 1.87      | -0.016    | 3.645 | 0.016     | 0.013     | 0         | 50.3 | 52   | 58.9 | 153        | 159        | 0          | 36     | 38     |
| 2009 | 6     | 1   | 3    | 42     | 53     | 1.88      | -0.03     | 3.645 | 0.016     | 0.013     | 0         | 49.9 | 52.5 | 58.9 | 152        | 159        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 3    | 52     | 53     | 1.88      | -0.03     | 3.645 | 0.013     | 0.01      | 0         | 50.3 | 52.5 | 58   | 153        | 159        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 4    | 2      | 53     | 1.89      | 0         | 3.645 | 0.016     | 0.013     | 0         | 50.3 | 52.9 | 57.6 | 153        | 160        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 4    | 12     | 53     | 1.893     | -0.056    | 3.642 | 0.013     | 0.01      | 0         | 49.9 | 52.9 | 58.5 | 153        | 160        | 0          | 37     | 37     |
| 2009 | 6     | 1   | 4    | 22     | 53     | 1.857     | -0.092    | 3.642 | 0.01      | 0.007     | 0         | 50.3 | 53.3 | 59.8 | 153        | 160        | 0          | 36     | 36     |
| 2009 | 6     | 1   | 4    | 32     | 53     | 1.873     | -0.062    | 3.642 | 0.01      | 0.007     | 0         | 50.7 | 52.9 | 57.6 | 154        | 160        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 4    | 42     | 53     | 1.857     | -0.016    | 3.642 | 0.016     | 0.013     | 0         | 50.3 | 52.5 | 58.5 | 153        | 160        | 0          | 36     | 38     |
| 2009 | 6     | 1   | 4    | 52     | 53     | 1.906     | -0.069    | 3.638 | 0.016     | 0.013     | 0         | 49.9 | 52.5 | 58   | 153        | 160        | 0          | 37     | 38     |
| 2009 | 6     | 1   | 5    | 2      | 53     | 1.867     | -0.049    | 3.638 | 0.013     | 0.01      | 0         | 50.3 | 52.5 | 58.5 | 153        | 160        | 0          | 36     | 38     |
| 2009 | 6     | 1   | 5    | 12     | 53     | 1.903     | -0.102    | 3.638 | 0.013     | 0.01      | 0         | 50.3 | 52   | 57.2 | 153        | 159        | 0          | 36     | 38     |
| 2009 | 6     | 1   | 5    | 22     | 53     | 1.926     | -0.069    | 3.635 | 0.013     | 0.01      | 0         | 49.9 | 52.9 | 58   | 152        | 159        | 0          | 36     | 36     |
| 2009 | 6     | 1   | 5    | 32     | 53     | 1.864     | -0.036    | 3.635 | 0.01      | 0.007     | 0         | 50.3 | 52   | 57.6 | 153        | 159        | 0          | 36     | 38     |
| 2009 | 6     | 1   | 5    | 42     | 53     | 1.923     | -0.118    | 3.635 | 0.01      | 0.007     | 0         | 50.3 | 52.9 | 56.3 | 153        | 160        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 5    | 52     | 53     | 1.906     | -0.049    | 3.632 | 0.013     | 0.01      | 0         | 49.9 | 52.5 | 56.8 | 152        | 159        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 6    | 2      | 53     | 1.88      | -0.062    | 3.632 | 0.013     | 0.01      | 0         | 49.5 | 52.5 | 57.2 | 152        | 159        | 0          | 37     | 37     |
| 2009 | 6     | 1   | 6    | 12     | 53     | 1.929     | -0.174    | 3.629 | 0.01      | 0.007     | 0         | 49.9 | 52.5 | 55.9 | 153        | 159        | 0          | 37     | 37     |
| 2009 | 6     | 1   | 6    | 22     | 53     | 1.893     | -0.052    | 3.629 | 0.013     | 0.01      | 0         | 49.5 | 52   | 56.8 | 152        | 159        | 0          | 37     | 38     |
| 2009 | 6     | 1   | 6    | 32     | 53     | 1.929     | -0.085    | 3.625 | 0.013     | 0.01      | 0         | 49.9 | 52.5 | 56.3 | 152        | 159        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 6    | 42     | 53     | 1.896     | -0.125    | 3.622 | 0.01      | 0.007     | 0         | 50.3 | 52.9 | 56.8 | 153        | 160        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 6    | 52     | 53     | 1.909     | -0.21     | 3.622 | 0.016     | 0.013     | 0         | 49.9 | 52.5 | 58   | 153        | 160        | 0          | 37     | 38     |
| 2009 | 6     | 1   | 7    | 2      | 53     | 1.916     | -0.108    | 3.619 | 0.016     | 0.013     | 0         | 50.3 | 52.5 | 55   | 153        | 160        | 0          | 36     | 38     |
| 2009 | 6     | 1   | 7    | 12     | 53     | 1.886     | -0.102    | 3.615 | 0.016     | 0.013     | 0         | 50.3 | 52.5 | 56.3 | 153        | 159        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 7    | 22     | 53     | 1.909     | -0.115    | 3.612 | 0.013     | 0.01      | 0         | 50.3 | 52.9 | 56.3 | 153        | 160        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 7    | 32     | 53     | 1.903     | -0.082    | 3.612 | 0.016     | 0.013     | 0         | 49.5 | 52.9 | 56.3 | 152        | 160        | 0          | 37     | 37     |
| 2009 | 6     | 1   | 7    | 42     | 53     | 1.9       | -0.118    | 3.609 | 0.013     | 0.01      | 0         | 49.9 | 52.5 | 56.3 | 153        | 160        | 0          | 37     | 38     |
| 2009 | 6     | 1   | 7    | 52     | 53     | 1.89      | -0.151    | 3.609 | 0.013     | 0.01      | 0         | 50.7 | 52.5 | 55.9 | 153        | 160        | 0          | 35     | 38     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 1   | 8    | 2      | 53     | 1.89      | -0.177    | 3.606 | 0.01      | 0.007     | 0         | 49.9 | 52.9 | 56.8 | 153        | 160        | 0          | 37     | 37     |
| 2009 | 6     | 1   | 8    | 12     | 53     | 1.906     | -0.125    | 3.606 | 0.016     | 0.013     | 0         | 50.3 | 52.9 | 57.2 | 153        | 160        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 8    | 22     | 53     | 1.88      | -0.115    | 3.606 | 0.013     | 0.01      | 0         | 50.3 | 52.5 | 58.5 | 153        | 159        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 8    | 32     | 53     | 1.906     | -0.157    | 3.602 | 0.016     | 0.013     | 0         | 49.9 | 52.9 | 58.5 | 153        | 160        | 0          | 37     | 37     |
| 2009 | 6     | 1   | 8    | 42     | 53     | 1.919     | -0.164    | 3.602 | 0.013     | 0.01      | 0         | 49.9 | 52.9 | 58   | 153        | 160        | 0          | 37     | 37     |
| 2009 | 6     | 1   | 8    | 52     | 53     | 1.903     | -0.138    | 3.602 | 0.016     | 0.013     | 0         | 50.3 | 52.9 | 58   | 153        | 160        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 9    | 2      | 53     | 1.942     | -0.148    | 3.599 | 0.013     | 0.01      | 0         | 49.9 | 52.5 | 59.3 | 153        | 160        | 0          | 37     | 38     |
| 2009 | 6     | 1   | 9    | 12     | 53     | 1.864     | -0.154    | 3.599 | 0.013     | 0.01      | 0         | 50.3 | 52.9 | 58.5 | 153        | 160        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 9    | 22     | 53     | 1.893     | -0.167    | 3.596 | 0.013     | 0.01      | 0         | 50.3 | 52.9 | 58.5 | 153        | 160        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 9    | 32     | 53     | 1.9       | -0.174    | 3.596 | 0.01      | 0.007     | 0         | 49.9 | 52.5 | 57.6 | 153        | 160        | 0          | 37     | 38     |
| 2009 | 6     | 1   | 9    | 42     | 53     | 1.909     | -0.164    | 3.596 | 0.013     | 0.01      | 0         | 50.3 | 52.5 | 58.5 | 153        | 159        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 9    | 52     | 53     | 1.873     | -0.19     | 3.593 | 0.013     | 0.01      | 0         | 50.3 | 52.5 | 58.5 | 153        | 160        | 0          | 36     | 38     |
| 2009 | 6     | 1   | 10   | 2      | 53     | 1.88      | -0.194    | 3.593 | 0.016     | 0.013     | 0         | 50.3 | 52.9 | 58   | 153        | 160        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 10   | 12     | 53     | 1.929     | -0.184    | 3.589 | 0.013     | 0.01      | 0         | 49.9 | 52   | 56.8 | 153        | 159        | 0          | 37     | 38     |
| 2009 | 6     | 1   | 10   | 22     | 53     | 1.88      | -0.154    | 3.586 | 0.013     | 0.01      | 0         | 50.3 | 52.5 | 58   | 153        | 159        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 10   | 32     | 53     | 1.9       | -0.118    | 3.586 | 0.01      | 0.007     | 0         | 50.7 | 52.5 | 56.3 | 153        | 160        | 0          | 35     | 38     |
| 2009 | 6     | 1   | 10   | 42     | 53     | 1.89      | -0.112    | 3.579 | 0.013     | 0.01      | 0         | 49.9 | 52   | 56.8 | 153        | 159        | 0          | 37     | 38     |
| 2009 | 6     | 1   | 10   | 52     | 53     | 1.886     | -0.161    | 3.576 | 0.01      | 0.007     | 0         | 49.9 | 52.5 | 57.2 | 152        | 159        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 11   | 2      | 53     | 1.913     | -0.157    | 3.573 | 0.016     | 0.013     | 0         | 49.9 | 52.9 | 55.9 | 152        | 159        | 0          | 36     | 36     |
| 2009 | 6     | 1   | 11   | 12     | 53     | 1.893     | -0.112    | 3.573 | 0.013     | 0.01      | 0         | 49.9 | 52.5 | 56.3 | 152        | 159        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 11   | 22     | 53     | 1.9       | -0.131    | 3.57  | 0.013     | 0.01      | 0         | 49.9 | 51.6 | 57.6 | 152        | 158        | 0          | 36     | 38     |
| 2009 | 6     | 1   | 11   | 32     | 53     | 1.857     | -0.144    | 3.57  | 0.013     | 0.01      | 0         | 50.3 | 52.9 | 58.9 | 152        | 159        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 11   | 42     | 53     | 1.87      | -0.157    | 3.566 | 0.013     | 0.01      | 0         | 49.5 | 52   | 58.5 | 151        | 158        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 11   | 52     | 53     | 1.87      | -0.161    | 3.566 | 0.01      | 0.007     | 0         | 49.9 | 52   | 59.8 | 152        | 158        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 12   | 2      | 53     | 1.909     | -0.167    | 3.563 | 0.016     | 0.013     | 0         | 49.5 | 52   | 59.3 | 151        | 158        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 12   | 12     | 53     | 1.916     | -0.108    | 3.563 | 0.016     | 0.016     | 0         | 49.5 | 52   | 58.5 | 151        | 158        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 12   | 22     | 53     | 1.9       | -0.187    | 3.563 | 0.013     | 0.01      | 0         | 49.5 | 52   | 59.8 | 151        | 158        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 12   | 32     | 53     | 1.9       | -0.131    | 3.56  | 0.013     | 0.01      | 0         | 49.5 | 51.6 | 59.3 | 151        | 157        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 12   | 42     | 53     | 1.896     | -0.171    | 3.56  | 0.013     | 0.01      | 0         | 49.5 | 51.6 | 58.9 | 151        | 157        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 12   | 52     | 53     | 1.873     | -0.075    | 3.556 | 0.016     | 0.013     | 0         | 49   | 51.6 | 58.5 | 150        | 157        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 13   | 2      | 53     | 1.9       | -0.21     | 3.556 | 0.013     | 0.01      | 0         | 49.5 | 51.6 | 57.2 | 151        | 158        | 0          | 36     | 38     |
| 2009 | 6     | 1   | 13   | 12     | 53     | 1.89      | -0.2      | 3.55  | 0.013     | 0.01      | 0         | 49.5 | 51.2 | 57.6 | 151        | 157        | 0          | 36     | 38     |
| 2009 | 6     | 1   | 13   | 22     | 53     | 1.909     | -0.089    | 3.547 | 0.016     | 0.016     | 0         | 49   | 51.2 | 57.2 | 151        | 157        | 0          | 37     | 38     |
| 2009 | 6     | 1   | 13   | 32     | 53     | 1.837     | -0.098    | 3.543 | 0.01      | 0.007     | 0         | 49.5 | 51.6 | 56.3 | 151        | 157        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 13   | 42     | 53     | 1.89      | -0.177    | 3.537 | 0.013     | 0.01      | 0         | 49   | 51.2 | 57.2 | 150        | 156        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 13   | 52     | 53     | 1.923     | -0.138    | 3.537 | 0.016     | 0.013     | 0         | 49   | 50.7 | 56.8 | 150        | 156        | 0          | 36     | 38     |
| 2009 | 6     | 1   | 14   | 2      | 53     | 1.893     | -0.069    | 3.533 | 0.013     | 0.01      | 0         | 49   | 50.7 | 57.2 | 150        | 156        | 0          | 36     | 38     |
| 2009 | 6     | 1   | 14   | 12     | 53     | 1.844     | -0.177    | 3.533 | 0.01      | 0.007     | 0         | 49   | 51.6 | 58   | 150        | 157        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 14   | 22     | 53     | 1.906     | -0.177    | 3.53  | 0.01      | 0.007     | 0         | 49   | 51.2 | 59.3 | 150        | 157        | 0          | 36     | 38     |
| 2009 | 6     | 1   | 14   | 32     | 53     | 1.909     | -0.213    | 3.53  | 0.013     | 0.01      | 0         | 49   | 50.7 | 58.9 | 150        | 156        | 0          | 36     | 38     |
| 2009 | 6     | 1   | 14   | 42     | 53     | 1.87      | -0.249    | 3.53  | 0.01      | 0.007     | 0         | 49   | 51.2 | 59.8 | 150        | 156        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 14   | 52     | 53     | 1.87      | -0.203    | 3.53  | 0.013     | 0.01      | 0         | 49   | 51.6 | 59.3 | 150        | 157        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 15   | 2      | 53     | 1.9       | -0.161    | 3.527 | 0.016     | 0.013     | 0         | 49   | 51.2 | 60.2 | 150        | 156        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 15   | 12     | 53     | 1.903     | -0.256    | 3.527 | 0.016     | 0.013     | 0         | 49.5 | 51.6 | 57.6 | 151        | 158        | 0          | 36     | 38     |
| 2009 | 6     | 1   | 15   | 22     | 53     | 1.88      | -0.157    | 3.524 | 0.016     | 0.016     | 0         | 50.7 | 53.3 | 58.9 | 154        | 161        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 15   | 32     | 53     | 1.877     | -0.049    | 3.524 | 0.013     | 0.01      | 0         | 50.3 | 52.5 | 58.9 | 153        | 159        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 15   | 42     | 53     | 1.873     | -0.121    | 3.524 | 0.016     | 0.013     | 0         | 50.3 | 52.9 | 58.5 | 153        | 160        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 15   | 52     | 53     | 1.906     | -0.069    | 3.52  | 0.016     | 0.013     | 0         | 49.9 | 52.5 | 58.5 | 152        | 159        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 1   | 16   | 2      | 53     | 1.886     | -0.194    | 3.517 | 0.016     | 0.016     | 0         | 49.9 | 52.5 | 58   | 152        | 159        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 16   | 12     | 53     | 1.896     | -0.177    | 3.514 | 0.016     | 0.013     | 0         | 49.5 | 51.6 | 56.8 | 151        | 158        | 0          | 36     | 38     |
| 2009 | 6     | 1   | 16   | 22     | 53     | 1.886     | -0.108    | 3.51  | 0.01      | 0.007     | 0         | 49.5 | 52   | 56.8 | 151        | 158        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 16   | 32     | 53     | 1.877     | -0.24     | 3.507 | 0.013     | 0.01      | 0         | 50.3 | 52.5 | 55.5 | 152        | 159        | 0          | 35     | 37     |
| 2009 | 6     | 1   | 16   | 42     | 53     | 1.877     | -0.144    | 3.504 | 0.013     | 0.01      | 0         | 49.9 | 52.5 | 57.2 | 152        | 159        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 16   | 52     | 53     | 1.864     | -0.135    | 3.501 | 0.01      | 0.007     | 0         | 50.7 | 52.5 | 55.5 | 153        | 159        | 0          | 35     | 37     |
| 2009 | 6     | 1   | 17   | 2      | 53     | 1.896     | -0.131    | 3.501 | 0.016     | 0.013     | 0         | 50.3 | 52.5 | 57.6 | 153        | 160        | 0          | 36     | 38     |
| 2009 | 6     | 1   | 17   | 12     | 53     | 1.854     | -0.105    | 3.497 | 0.016     | 0.013     | 0         | 50.3 | 52.5 | 57.2 | 153        | 160        | 0          | 36     | 38     |
| 2009 | 6     | 1   | 17   | 22     | 53     | 1.903     | -0.171    | 3.497 | 0.016     | 0.013     | 0         | 50.3 | 52.9 | 57.6 | 153        | 160        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 17   | 32     | 53     | 1.913     | -0.043    | 3.494 | 0.01      | 0.007     | 0         | 50.3 | 52.9 | 58.5 | 153        | 160        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 17   | 42     | 53     | 1.893     | -0.112    | 3.494 | 0.01      | 0.007     | 0         | 50.3 | 52.9 | 58.5 | 153        | 160        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 17   | 52     | 53     | 1.89      | -0.105    | 3.494 | 0.013     | 0.01      | 0         | 49.9 | 52.9 | 59.3 | 153        | 160        | 0          | 37     | 37     |
| 2009 | 6     | 1   | 18   | 2      | 53     | 1.87      | -0.112    | 3.491 | 0.013     | 0.01      | 0         | 50.3 | 52.5 | 58   | 153        | 159        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 18   | 12     | 53     | 1.864     | -0.056    | 3.491 | 0.016     | 0.016     | 0         | 49.9 | 52.5 | 59.8 | 153        | 159        | 0          | 37     | 37     |
| 2009 | 6     | 1   | 18   | 22     | 53     | 1.87      | -0.184    | 3.491 | 0.013     | 0.01      | 0         | 49.9 | 52   | 58.5 | 152        | 159        | 0          | 36     | 38     |
| 2009 | 6     | 1   | 18   | 32     | 53     | 1.893     | -0.184    | 3.488 | 0.013     | 0.01      | 0         | 49.9 | 52.5 | 59.8 | 152        | 159        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 18   | 42     | 53     | 1.87      | -0.082    | 3.488 | 0.016     | 0.013     | 0         | 49.9 | 52.5 | 58.5 | 152        | 159        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 18   | 52     | 53     | 1.906     | -0.138    | 3.484 | 0.016     | 0.013     | 0         | 49.9 | 52   | 58   | 152        | 159        | 0          | 36     | 38     |
| 2009 | 6     | 1   | 19   | 2      | 53     | 1.857     | -0.157    | 3.484 | 0.016     | 0.016     | 0         | 49.9 | 52   | 57.6 | 152        | 159        | 0          | 36     | 38     |
| 2009 | 6     | 1   | 19   | 12     | 53     | 1.9       | -0.141    | 3.481 | 0.01      | 0.007     | 0         | 49.9 | 52.5 | 57.6 | 152        | 159        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 19   | 22     | 53     | 1.89      | -0.187    | 3.481 | 0.01      | 0.007     | 0         | 50.7 | 52.5 | 58.5 | 153        | 159        | 0          | 35     | 37     |
| 2009 | 6     | 1   | 19   | 32     | 53     | 1.834     | -0.19     | 3.474 | 0.016     | 0.013     | 0         | 50.3 | 52.9 | 58   | 152        | 159        | 0          | 35     | 36     |
| 2009 | 6     | 1   | 19   | 42     | 53     | 1.893     | -0.197    | 3.474 | 0.013     | 0.01      | 0         | 49.5 | 52   | 57.2 | 152        | 159        | 0          | 37     | 38     |
| 2009 | 6     | 1   | 19   | 52     | 53     | 1.883     | -0.194    | 3.468 | 0.013     | 0.01      | 0         | 49.5 | 52.5 | 57.6 | 151        | 159        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 20   | 2      | 53     | 1.89      | -0.174    | 3.468 | 0.013     | 0.01      | 0         | 49.9 | 52   | 55.9 | 152        | 158        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 20   | 12     | 53     | 1.854     | -0.174    | 3.461 | 0.013     | 0.01      | 0         | 49.9 | 52   | 56.3 | 152        | 158        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 20   | 22     | 53     | 1.877     | -0.151    | 3.461 | 0.016     | 0.013     | 0         | 49.5 | 52   | 57.2 | 151        | 158        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 20   | 32     | 53     | 1.877     | -0.174    | 3.458 | 0.013     | 0.01      | 0         | 49.9 | 51.6 | 55.9 | 152        | 158        | 0          | 36     | 38     |
| 2009 | 6     | 1   | 20   | 42     | 53     | 1.909     | -0.164    | 3.458 | 0.01      | 0.007     | 0         | 49.9 | 52.5 | 57.6 | 152        | 159        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 20   | 52     | 53     | 1.86      | -0.095    | 3.455 | 0.013     | 0.01      | 0         | 49.9 | 52   | 59.3 | 152        | 159        | 0          | 36     | 38     |
| 2009 | 6     | 1   | 21   | 2      | 53     | 1.877     | -0.171    | 3.455 | 0.016     | 0.013     | 0         | 49.5 | 52   | 58   | 151        | 158        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 21   | 12     | 53     | 1.85      | -0.226    | 3.455 | 0.01      | 0.007     | 0         | 49.9 | 52   | 58.9 | 152        | 158        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 21   | 22     | 53     | 1.847     | -0.151    | 3.451 | 0.016     | 0.013     | 0         | 49.9 | 51.6 | 59.3 | 152        | 158        | 0          | 36     | 38     |
| 2009 | 6     | 1   | 21   | 32     | 53     | 1.864     | -0.18     | 3.451 | 0.016     | 0.013     | 0         | 49.5 | 52.5 | 58.9 | 151        | 158        | 0          | 36     | 36     |
| 2009 | 6     | 1   | 21   | 42     | 53     | 1.9       | -0.19     | 3.451 | 0.01      | 0.007     | 0         | 49.9 | 51.6 | 58.9 | 152        | 158        | 0          | 36     | 38     |
| 2009 | 6     | 1   | 21   | 52     | 53     | 1.86      | -0.164    | 3.448 | 0.013     | 0.01      | 0         | 49.5 | 52   | 58.9 | 151        | 158        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 22   | 2      | 53     | 1.854     | -0.184    | 3.448 | 0.01      | 0.007     | 0         | 49.5 | 52   | 60.2 | 151        | 158        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 22   | 12     | 53     | 1.87      | -0.24     | 3.445 | 0.01      | 0.007     | 0         | 49.5 | 52   | 60.2 | 151        | 158        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 22   | 22     | 53     | 1.847     | -0.161    | 3.445 | 0.013     | 0.01      | 0         | 49.9 | 52.5 | 58   | 152        | 158        | 0          | 36     | 36     |
| 2009 | 6     | 1   | 22   | 32     | 53     | 1.864     | -0.144    | 3.442 | 0.013     | 0.01      | 0         | 49.9 | 51.6 | 57.6 | 152        | 158        | 0          | 36     | 38     |
| 2009 | 6     | 1   | 22   | 42     | 53     | 1.88      | -0.115    | 3.442 | 0.01      | 0.007     | 0         | 49.9 | 52.5 | 57.6 | 152        | 159        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 22   | 52     | 53     | 1.857     | -0.085    | 3.438 | 0.016     | 0.013     | 0         | 49.9 | 52.5 | 58   | 152        | 159        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 23   | 2      | 53     | 1.886     | -0.144    | 3.435 | 0.013     | 0.01      | 0         | 49.5 | 52   | 57.6 | 151        | 158        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 23   | 12     | 53     | 1.896     | -0.089    | 3.432 | 0.013     | 0.01      | 0         | 50.3 | 52.5 | 56.3 | 152        | 159        | 0          | 35     | 37     |
| 2009 | 6     | 1   | 23   | 22     | 53     | 1.886     | -0.151    | 3.428 | 0.01      | 0.007     | 0         | 49.9 | 52   | 56.3 | 152        | 159        | 0          | 36     | 38     |
| 2009 | 6     | 1   | 23   | 32     | 53     | 1.886     | -0.092    | 3.422 | 0.016     | 0.016     | 0         | 50.3 | 52.9 | 56.8 | 153        | 160        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 23   | 42     | 53     | 1.88      | -0.039    | 3.419 | 0.016     | 0.013     | 0         | 50.3 | 52.9 | 56.3 | 153        | 160        | 0          | 36     | 37     |
| 2009 | 6     | 1   | 23   | 52     | 53     | 1.896     | -0.112    | 3.419 | 0.013     | 0.01      | 0         | 50.7 | 52.9 | 56.8 | 153        | 160        | 0          | 35     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 2   | 0    | 2      | 53     | 1.844     | -0.154    | 3.419 | 0.013     | 0.01      | 0         | 50.3 | 52.5 | 56.8 | 153        | 160        | 0          | 36     | 38     |
| 2009 | 6     | 2   | 0    | 12     | 53     | 1.877     | -0.164    | 3.415 | 0.01      | 0.007     | 0         | 50.7 | 52.9 | 57.6 | 154        | 160        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 0    | 22     | 53     | 1.85      | -0.098    | 3.415 | 0.013     | 0.01      | 0         | 50.3 | 52.5 | 58   | 153        | 160        | 0          | 36     | 38     |
| 2009 | 6     | 2   | 0    | 32     | 53     | 1.847     | -0.075    | 3.412 | 0.013     | 0.01      | 0         | 51.2 | 53.3 | 59.8 | 154        | 161        | 0          | 35     | 37     |
| 2009 | 6     | 2   | 0    | 42     | 53     | 1.86      | -0.144    | 3.412 | 0.013     | 0.01      | 0         | 50.7 | 53.3 | 58.5 | 154        | 161        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 0    | 52     | 53     | 1.864     | -0.121    | 3.409 | 0.016     | 0.013     | 0         | 50.3 | 52.9 | 58   | 153        | 160        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 1    | 2      | 53     | 1.873     | -0.151    | 3.409 | 0.016     | 0.013     | 0         | 50.3 | 52.9 | 59.3 | 153        | 160        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 1    | 12     | 53     | 1.827     | -0.194    | 3.409 | 0.016     | 0.016     | 0         | 50.3 | 52.5 | 58   | 153        | 160        | 0          | 36     | 38     |
| 2009 | 6     | 2   | 1    | 22     | 53     | 1.873     | -0.121    | 3.406 | 0.013     | 0.01      | 0         | 49.9 | 53.3 | 58.9 | 153        | 160        | 0          | 37     | 36     |
| 2009 | 6     | 2   | 1    | 32     | 53     | 1.85      | -0.148    | 3.406 | 0.013     | 0.01      | 0         | 50.3 | 52.9 | 58   | 153        | 160        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 1    | 42     | 53     | 1.864     | -0.098    | 3.402 | 0.01      | 0.007     | 0         | 50.7 | 52.9 | 58.5 | 153        | 160        | 0          | 35     | 37     |
| 2009 | 6     | 2   | 1    | 52     | 53     | 1.89      | -0.141    | 3.402 | 0.016     | 0.013     | 0         | 50.3 | 52.9 | 57.6 | 153        | 160        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 2    | 2      | 53     | 1.864     | -0.167    | 3.399 | 0.016     | 0.013     | 0         | 50.7 | 52.9 | 57.2 | 154        | 160        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 2    | 12     | 53     | 1.841     | -0.112    | 3.396 | 0.01      | 0.007     | 0         | 50.3 | 52.5 | 56.8 | 153        | 160        | 0          | 36     | 38     |
| 2009 | 6     | 2   | 2    | 22     | 53     | 1.85      | -0.112    | 3.392 | 0.01      | 0.007     | 0         | 50.7 | 53.3 | 56.3 | 154        | 161        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 2    | 32     | 53     | 1.864     | -0.089    | 3.389 | 0.016     | 0.013     | 0         | 50.7 | 53.3 | 55.5 | 154        | 161        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 2    | 42     | 53     | 1.824     | -0.128    | 3.386 | 0.013     | 0.01      | 0         | 50.7 | 52.9 | 55.9 | 154        | 161        | 0          | 36     | 38     |
| 2009 | 6     | 2   | 2    | 52     | 53     | 1.87      | -0.121    | 3.383 | 0.013     | 0.01      | 0         | 50.7 | 53.3 | 55.9 | 154        | 161        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 3    | 2      | 53     | 1.864     | -0.167    | 3.379 | 0.016     | 0.016     | 0         | 51.2 | 53.8 | 55.9 | 155        | 162        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 3    | 12     | 53     | 1.877     | -0.141    | 3.376 | 0.016     | 0.013     | 0         | 51.2 | 52.9 | 56.8 | 154        | 161        | 0          | 35     | 38     |
| 2009 | 6     | 2   | 3    | 22     | 53     | 1.854     | -0.2      | 3.376 | 0.01      | 0.007     | 0         | 51.2 | 53.8 | 56.8 | 155        | 162        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 3    | 32     | 53     | 1.864     | -0.177    | 3.373 | 0.016     | 0.013     | 0         | 50.7 | 53.8 | 58   | 155        | 162        | 0          | 37     | 37     |
| 2009 | 6     | 2   | 3    | 42     | 53     | 1.841     | -0.092    | 3.373 | 0.016     | 0.013     | 0         | 50.7 | 53.8 | 57.2 | 155        | 162        | 0          | 37     | 37     |
| 2009 | 6     | 2   | 3    | 52     | 53     | 1.841     | -0.125    | 3.369 | 0.01      | 0.007     | 0         | 51.2 | 53.8 | 57.2 | 155        | 162        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 4    | 2      | 53     | 1.841     | -0.213    | 3.369 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 59.8 | 155        | 162        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 4    | 12     | 53     | 1.854     | -0.144    | 3.369 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 58.5 | 155        | 162        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 4    | 22     | 53     | 1.867     | -0.046    | 3.366 | 0.013     | 0.01      | 0         | 51.2 | 53.3 | 58.5 | 155        | 162        | 0          | 36     | 38     |
| 2009 | 6     | 2   | 4    | 32     | 53     | 1.847     | -0.135    | 3.366 | 0.016     | 0.013     | 0         | 51.6 | 53.8 | 57.6 | 156        | 162        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 4    | 42     | 53     | 1.814     | -0.125    | 3.366 | 0.013     | 0.01      | 0         | 50.7 | 53.8 | 58.5 | 155        | 162        | 0          | 37     | 37     |
| 2009 | 6     | 2   | 4    | 52     | 53     | 1.841     | -0.167    | 3.363 | 0.016     | 0.013     | 0         | 51.6 | 53.8 | 58   | 156        | 163        | 0          | 36     | 38     |
| 2009 | 6     | 2   | 5    | 2      | 53     | 1.847     | -0.069    | 3.363 | 0.016     | 0.013     | 0         | 51.6 | 53.8 | 58   | 156        | 163        | 0          | 36     | 38     |
| 2009 | 6     | 2   | 5    | 12     | 53     | 1.87      | -0.161    | 3.36  | 0.016     | 0.016     | 0         | 50.7 | 53.3 | 58   | 155        | 162        | 0          | 37     | 38     |
| 2009 | 6     | 2   | 5    | 22     | 53     | 1.867     | -0.079    | 3.36  | 0.013     | 0.01      | 0         | 51.6 | 53.8 | 57.2 | 156        | 162        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 5    | 32     | 53     | 1.841     | -0.174    | 3.356 | 0.013     | 0.01      | 0         | 51.2 | 54.2 | 58   | 156        | 163        | 0          | 37     | 37     |
| 2009 | 6     | 2   | 5    | 42     | 53     | 1.864     | -0.121    | 3.356 | 0.016     | 0.013     | 0         | 51.6 | 53.8 | 55.9 | 156        | 163        | 0          | 36     | 38     |
| 2009 | 6     | 2   | 5    | 52     | 53     | 1.847     | -0.138    | 3.353 | 0.013     | 0.01      | 0         | 51.2 | 53.8 | 56.3 | 156        | 163        | 0          | 37     | 38     |
| 2009 | 6     | 2   | 6    | 2      | 53     | 1.867     | -0.157    | 3.35  | 0.016     | 0.013     | 0         | 51.6 | 53.8 | 56.3 | 156        | 163        | 0          | 36     | 38     |
| 2009 | 6     | 2   | 6    | 12     | 53     | 1.857     | -0.118    | 3.346 | 0.013     | 0.01      | 0         | 51.6 | 53.3 | 55   | 156        | 162        | 0          | 36     | 38     |
| 2009 | 6     | 2   | 6    | 22     | 53     | 1.87      | -0.144    | 3.343 | 0.016     | 0.013     | 0         | 51.6 | 53.8 | 55.9 | 156        | 163        | 0          | 36     | 38     |
| 2009 | 6     | 2   | 6    | 32     | 53     | 1.87      | -0.098    | 3.337 | 0.016     | 0.013     | 0         | 51.2 | 53.3 | 56.3 | 155        | 162        | 0          | 36     | 38     |
| 2009 | 6     | 2   | 6    | 42     | 53     | 1.834     | -0.115    | 3.337 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 55.9 | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 6    | 52     | 53     | 1.883     | -0.043    | 3.333 | 0.016     | 0.016     | 0         | 51.2 | 53.8 | 57.6 | 156        | 163        | 0          | 37     | 38     |
| 2009 | 6     | 2   | 7    | 2      | 53     | 1.847     | -0.141    | 3.333 | 0.013     | 0.01      | 0         | 51.6 | 54.6 | 57.2 | 156        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 2   | 7    | 12     | 53     | 1.864     | -0.092    | 3.33  | 0.013     | 0.01      | 0         | 51.2 | 53.8 | 56.3 | 155        | 162        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 7    | 22     | 53     | 1.834     | -0.072    | 3.33  | 0.013     | 0.01      | 0         | 51.2 | 53.8 | 57.6 | 155        | 162        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 7    | 32     | 53     | 1.841     | -0.085    | 3.327 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 57.2 | 156        | 162        | 0          | 37     | 37     |
| 2009 | 6     | 2   | 7    | 42     | 53     | 1.854     | -0.135    | 3.327 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 59.3 | 155        | 162        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 7    | 52     | 53     | 1.827     | -0.19     | 3.327 | 0.013     | 0.01      | 0         | 51.2 | 53.3 | 59.8 | 156        | 162        | 0          | 37     | 38     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 2   | 8    | 2      | 53     | 1.873     | -0.161    | 3.323 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 58   | 156        | 163        | 0          | 37     | 38     |
| 2009 | 6     | 2   | 8    | 12     | 53     | 1.857     | -0.154    | 3.323 | 0.016     | 0.013     | 0         | 51.6 | 53.8 | 58.5 | 156        | 163        | 0          | 36     | 38     |
| 2009 | 6     | 2   | 8    | 22     | 53     | 1.857     | -0.072    | 3.323 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 57.6 | 156        | 163        | 0          | 37     | 38     |
| 2009 | 6     | 2   | 8    | 32     | 53     | 1.9       | -0.098    | 3.32  | 0.01      | 0.007     | 0         | 51.6 | 54.2 | 57.2 | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 8    | 42     | 53     | 1.808     | -0.016    | 3.32  | 0.013     | 0.01      | 0         | 51.6 | 53.8 | 58   | 156        | 163        | 0          | 36     | 38     |
| 2009 | 6     | 2   | 8    | 52     | 53     | 1.821     | -0.118    | 3.32  | 0.013     | 0.01      | 0         | 51.2 | 53.8 | 59.3 | 156        | 163        | 0          | 37     | 38     |
| 2009 | 6     | 2   | 9    | 2      | 53     | 1.86      | -0.092    | 3.317 | 0.016     | 0.016     | 0         | 51.2 | 53.8 | 56.8 | 156        | 162        | 0          | 37     | 37     |
| 2009 | 6     | 2   | 9    | 12     | 53     | 1.87      | -0.184    | 3.314 | 0.016     | 0.016     | 0         | 51.6 | 54.2 | 55.5 | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 9    | 22     | 53     | 1.821     | -0.092    | 3.31  | 0.016     | 0.016     | 0         | 51.6 | 53.8 | 56.3 | 156        | 163        | 0          | 36     | 38     |
| 2009 | 6     | 2   | 9    | 32     | 53     | 1.814     | -0.092    | 3.307 | 0.016     | 0.016     | 0         | 51.2 | 53.8 | 55.5 | 156        | 163        | 0          | 37     | 38     |
| 2009 | 6     | 2   | 9    | 42     | 53     | 1.824     | -0.066    | 3.304 | 0.016     | 0.016     | 0         | 52   | 53.8 | 56.3 | 157        | 163        | 0          | 36     | 38     |
| 2009 | 6     | 2   | 9    | 52     | 53     | 1.85      | -0.095    | 3.297 | 0.013     | 0.01      | 0         | 51.2 | 53.8 | 57.6 | 156        | 163        | 0          | 37     | 38     |
| 2009 | 6     | 2   | 10   | 2      | 53     | 1.847     | -0.098    | 3.297 | 0.013     | 0.01      | 0         | 51.2 | 54.2 | 56.8 | 156        | 163        | 0          | 37     | 37     |
| 2009 | 6     | 2   | 10   | 12     | 53     | 1.795     | -0.066    | 3.294 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 57.6 | 157        | 164        | 0          | 37     | 38     |
| 2009 | 6     | 2   | 10   | 22     | 53     | 1.821     | -0.092    | 3.294 | 0.016     | 0.013     | 0         | 51.6 | 53.8 | 58   | 156        | 163        | 0          | 36     | 38     |
| 2009 | 6     | 2   | 10   | 32     | 53     | 1.854     | -0.049    | 3.291 | 0.013     | 0.01      | 0         | 51.2 | 54.2 | 58.5 | 156        | 163        | 0          | 37     | 37     |
| 2009 | 6     | 2   | 10   | 42     | 53     | 1.86      | -0.131    | 3.291 | 0.013     | 0.01      | 0         | 50.7 | 54.2 | 58   | 156        | 163        | 0          | 38     | 37     |
| 2009 | 6     | 2   | 10   | 52     | 53     | 1.9       | -0.141    | 3.287 | 0.016     | 0.013     | 0         | 51.6 | 53.8 | 57.6 | 156        | 162        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 11   | 2      | 53     | 1.811     | -0.092    | 3.287 | 0.01      | 0.007     | 0         | 51.6 | 53.8 | 58.5 | 156        | 163        | 0          | 36     | 38     |
| 2009 | 6     | 2   | 11   | 12     | 53     | 1.85      | -0.102    | 3.287 | 0.01      | 0.007     | 0         | 51.2 | 53.8 | 59.3 | 156        | 163        | 0          | 37     | 38     |
| 2009 | 6     | 2   | 11   | 22     | 53     | 1.854     | -0.046    | 3.284 | 0.016     | 0.013     | 0         | 51.6 | 53.8 | 57.6 | 156        | 163        | 0          | 36     | 38     |
| 2009 | 6     | 2   | 11   | 32     | 53     | 1.827     | -0.039    | 3.284 | 0.013     | 0.01      | 0         | 51.6 | 54.2 | 58   | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 11   | 42     | 53     | 1.841     | -0.128    | 3.284 | 0.016     | 0.013     | 0         | 51.2 | 54.2 | 58   | 156        | 163        | 0          | 37     | 37     |
| 2009 | 6     | 2   | 11   | 52     | 53     | 1.824     | -0.062    | 3.281 | 0.013     | 0.01      | 0         | 51.2 | 53.8 | 58   | 156        | 163        | 0          | 37     | 38     |
| 2009 | 6     | 2   | 12   | 2      | 53     | 1.824     | -0.062    | 3.278 | 0.01      | 0.007     | 0         | 51.2 | 53.3 | 56.8 | 155        | 162        | 0          | 36     | 38     |
| 2009 | 6     | 2   | 12   | 12     | 53     | 1.834     | -0.062    | 3.274 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 57.2 | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 12   | 22     | 53     | 1.831     | -0.072    | 3.274 | 0.016     | 0.016     | 0         | 51.6 | 54.6 | 57.6 | 157        | 164        | 0          | 37     | 37     |
| 2009 | 6     | 2   | 12   | 32     | 53     | 1.86      | -0.105    | 3.271 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 53.3 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 12   | 42     | 53     | 1.824     | -0.082    | 3.264 | 0.01      | 0.007     | 0         | 52.9 | 55.5 | 56.3 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 12   | 52     | 53     | 1.847     | -0.072    | 3.264 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 56.3 | 158        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 13   | 2      | 53     | 1.88      | -0.062    | 3.261 | 0.013     | 0.01      | 0         | 52   | 54.2 | 58   | 157        | 164        | 0          | 36     | 38     |
| 2009 | 6     | 2   | 13   | 12     | 53     | 1.818     | -0.052    | 3.258 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 57.2 | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 13   | 22     | 53     | 1.841     | -0.082    | 3.258 | 0.016     | 0.016     | 0         | 51.6 | 53.8 | 58.5 | 156        | 163        | 0          | 36     | 38     |
| 2009 | 6     | 2   | 13   | 32     | 53     | 1.837     | -0.082    | 3.255 | 0.013     | 0.01      | 0         | 51.2 | 53.8 | 58.5 | 155        | 162        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 13   | 42     | 53     | 1.847     | -0.112    | 3.255 | 0.016     | 0.013     | 0         | 51.2 | 54.2 | 58.5 | 155        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 13   | 52     | 53     | 1.831     | -0.066    | 3.251 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 59.8 | 155        | 162        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 14   | 2      | 53     | 1.818     | -0.095    | 3.251 | 0.016     | 0.013     | 0         | 51.2 | 53.3 | 58.5 | 155        | 162        | 0          | 36     | 38     |
| 2009 | 6     | 2   | 14   | 12     | 53     | 1.811     | -0.072    | 3.251 | 0.013     | 0.01      | 0         | 51.6 | 53.8 | 59.8 | 156        | 163        | 0          | 36     | 38     |
| 2009 | 6     | 2   | 14   | 22     | 53     | 1.814     | -0.052    | 3.248 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 58.5 | 157        | 164        | 0          | 37     | 38     |
| 2009 | 6     | 2   | 14   | 32     | 53     | 1.854     | -0.049    | 3.248 | 0.013     | 0.01      | 0         | 51.6 | 54.2 | 58.5 | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 14   | 42     | 53     | 1.86      | -0.079    | 3.248 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 58.5 | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 14   | 52     | 53     | 1.811     | -0.052    | 3.241 | 0.013     | 0.01      | 0         | 52   | 54.2 | 58.5 | 157        | 164        | 0          | 36     | 38     |
| 2009 | 6     | 2   | 15   | 2      | 53     | 1.778     | -0.075    | 3.238 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 58   | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 15   | 12     | 53     | 1.831     | -0.112    | 3.235 | 0.016     | 0.016     | 0         | 51.6 | 53.8 | 57.2 | 156        | 162        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 15   | 22     | 53     | 1.831     | -0.131    | 3.232 | 0.016     | 0.013     | 0         | 51.2 | 53.3 | 57.2 | 156        | 162        | 0          | 37     | 38     |
| 2009 | 6     | 2   | 15   | 32     | 53     | 1.821     | -0.105    | 3.225 | 0.013     | 0.01      | 0         | 51.6 | 53.8 | 57.6 | 156        | 162        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 15   | 42     | 53     | 1.847     | -0.026    | 3.225 | 0.013     | 0.01      | 0         | 51.2 | 53.8 | 57.2 | 156        | 162        | 0          | 37     | 37     |
| 2009 | 6     | 2   | 15   | 52     | 53     | 1.831     | -0.115    | 3.222 | 0.016     | 0.013     | 0         | 51.6 | 53.3 | 57.6 | 156        | 162        | 0          | 36     | 38     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 2   | 16   | 2      | 53     | 1.844     | -0.144    | 3.222 | 0.013     | 0.01      | 0         | 51.6 | 53.8 | 58.5 | 156        | 162        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 16   | 12     | 53     | 1.814     | -0.203    | 3.219 | 0.016     | 0.013     | 0         | 50.7 | 53.3 | 58   | 155        | 162        | 0          | 37     | 38     |
| 2009 | 6     | 2   | 16   | 22     | 53     | 1.85      | -0.154    | 3.219 | 0.016     | 0.016     | 0         | 51.2 | 53.8 | 57.6 | 155        | 162        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 16   | 32     | 53     | 1.808     | -0.121    | 3.215 | 0.016     | 0.016     | 0         | 50.7 | 53.3 | 59.8 | 155        | 161        | 0          | 37     | 37     |
| 2009 | 6     | 2   | 16   | 42     | 53     | 1.785     | -0.075    | 3.215 | 0.01      | 0.007     | 0         | 50.7 | 53.8 | 58.5 | 154        | 161        | 0          | 36     | 36     |
| 2009 | 6     | 2   | 16   | 52     | 53     | 1.834     | -0.102    | 3.215 | 0.016     | 0.013     | 0         | 50.7 | 53.3 | 59.8 | 154        | 161        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 17   | 2      | 53     | 1.804     | -0.082    | 3.215 | 0.013     | 0.01      | 0         | 50.7 | 53.3 | 59.3 | 154        | 161        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 17   | 12     | 53     | 1.831     | -0.082    | 3.212 | 0.013     | 0.01      | 0         | 50.7 | 53.3 | 59.8 | 154        | 161        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 17   | 22     | 53     | 1.847     | -0.098    | 3.212 | 0.016     | 0.013     | 0         | 51.2 | 52.9 | 59.3 | 155        | 161        | 0          | 36     | 38     |
| 2009 | 6     | 2   | 17   | 32     | 53     | 1.834     | -0.062    | 3.209 | 0.016     | 0.013     | 0         | 52   | 54.6 | 58   | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 17   | 42     | 53     | 1.837     | -0.059    | 3.209 | 0.013     | 0.01      | 0         | 52   | 55   | 56.3 | 157        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 17   | 52     | 53     | 1.821     | -0.079    | 3.202 | 0.01      | 0.007     | 0         | 52   | 54.6 | 56.3 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 18   | 2      | 53     | 1.86      | -0.046    | 3.205 | 0.016     | 0.013     | 0         | 52   | 54.6 | 56.8 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 18   | 12     | 53     | 1.795     | -0.118    | 3.199 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 55   | 158        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 18   | 22     | 53     | 1.87      | -0.082    | 3.196 | 0.016     | 0.013     | 0         | 52.5 | 55.5 | 56.3 | 159        | 166        | 0          | 37     | 37     |
| 2009 | 6     | 2   | 18   | 32     | 53     | 1.821     | -0.062    | 3.186 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 58.9 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 18   | 42     | 53     | 1.831     | -0.03     | 3.192 | 0.016     | 0.016     | 0         | 52.5 | 55   | 55.9 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 18   | 52     | 53     | 1.834     | -0.082    | 3.189 | 0.013     | 0.01      | 0         | 52.5 | 55   | 57.2 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 19   | 2      | 53     | 1.824     | -0.046    | 3.182 | 0.013     | 0.01      | 0         | 52   | 54.6 | 58   | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 19   | 12     | 53     | 1.821     | -0.059    | 3.182 | 0.013     | 0.01      | 0         | 52   | 54.6 | 59.3 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 19   | 22     | 53     | 1.818     | -0.062    | 3.182 | 0.016     | 0.016     | 0         | 52   | 54.2 | 59.3 | 157        | 164        | 0          | 36     | 38     |
| 2009 | 6     | 2   | 19   | 32     | 53     | 1.864     | -0.059    | 3.179 | 0.013     | 0.01      | 0         | 51.6 | 54.2 | 58.9 | 157        | 163        | 0          | 37     | 37     |
| 2009 | 6     | 2   | 19   | 42     | 53     | 1.85      | -0.092    | 3.179 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 59.3 | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 19   | 52     | 53     | 1.811     | -0.033    | 3.179 | 0.016     | 0.016     | 0         | 51.6 | 54.2 | 59.8 | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 20   | 2      | 53     | 1.864     | -0.102    | 3.179 | 0.016     | 0.013     | 0         | 51.6 | 54.6 | 58.9 | 156        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 2   | 20   | 12     | 53     | 1.831     | -0.098    | 3.176 | 0.016     | 0.016     | 0         | 51.6 | 54.2 | 58   | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 20   | 22     | 53     | 1.818     | -0.089    | 3.176 | 0.016     | 0.013     | 0         | 52.5 | 53.8 | 59.3 | 157        | 163        | 0          | 35     | 38     |
| 2009 | 6     | 2   | 20   | 32     | 53     | 1.847     | -0.079    | 3.173 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 58.9 | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 20   | 42     | 53     | 1.844     | -0.056    | 3.169 | 0.013     | 0.01      | 0         | 51.6 | 54.2 | 58.9 | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 20   | 52     | 53     | 1.841     | -0.066    | 3.173 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 58   | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 21   | 2      | 53     | 1.837     | -0.059    | 3.169 | 0.013     | 0.01      | 0         | 52   | 54.2 | 56.3 | 156        | 163        | 0          | 35     | 37     |
| 2009 | 6     | 2   | 21   | 12     | 53     | 1.841     | -0.062    | 3.166 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 57.2 | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 21   | 22     | 53     | 1.804     | -0.043    | 3.163 | 0.016     | 0.016     | 0         | 52   | 54.2 | 56.8 | 156        | 163        | 0          | 35     | 37     |
| 2009 | 6     | 2   | 21   | 32     | 53     | 1.808     | -0.075    | 3.159 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 57.2 | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 21   | 42     | 53     | 1.844     | -0.105    | 3.156 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 55.9 | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 21   | 52     | 53     | 1.811     | -0.115    | 3.153 | 0.013     | 0.01      | 0         | 51.6 | 54.2 | 57.2 | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 22   | 2      | 53     | 1.811     | -0.062    | 3.153 | 0.016     | 0.016     | 0         | 51.6 | 54.2 | 56.8 | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 22   | 12     | 53     | 1.814     | -0.092    | 3.15  | 0.016     | 0.016     | 0         | 51.6 | 53.8 | 57.6 | 156        | 163        | 0          | 36     | 38     |
| 2009 | 6     | 2   | 22   | 22     | 53     | 1.814     | -0.075    | 3.146 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 58.5 | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 22   | 32     | 53     | 1.824     | -0.112    | 3.143 | 0.01      | 0.007     | 0         | 51.6 | 54.2 | 58.5 | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 22   | 42     | 53     | 1.827     | -0.102    | 3.143 | 0.016     | 0.016     | 0         | 52   | 53.8 | 59.3 | 156        | 163        | 0          | 35     | 38     |
| 2009 | 6     | 2   | 22   | 52     | 53     | 1.827     | -0.075    | 3.143 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 59.8 | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 23   | 2      | 53     | 1.821     | -0.062    | 3.143 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 59.3 | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 23   | 12     | 53     | 1.811     | -0.098    | 3.14  | 0.016     | 0.013     | 0         | 51.6 | 54.6 | 58   | 156        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 2   | 23   | 22     | 53     | 1.844     | -0.161    | 3.14  | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 58.5 | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 23   | 32     | 53     | 1.867     | -0.174    | 3.136 | 0.013     | 0.01      | 0         | 52   | 53.8 | 60.2 | 156        | 163        | 0          | 35     | 38     |
| 2009 | 6     | 2   | 23   | 42     | 53     | 1.824     | -0.174    | 3.136 | 0.016     | 0.016     | 0         | 51.6 | 54.2 | 58.9 | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 2   | 23   | 52     | 53     | 1.824     | -0.138    | 3.136 | 0.013     | 0.01      | 0         | 51.6 | 54.2 | 58.5 | 156        | 163        | 0          | 36     | 37     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 3   | 0    | 2      | 53     | 1.795     | -0.121    | 3.133 | 0.016     | 0.013     | 0         | 51.6 | 54.6 | 58.5 | 156        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 3   | 0    | 12     | 53     | 1.818     | -0.197    | 3.133 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 58.5 | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 0    | 22     | 53     | 1.818     | -0.115    | 3.13  | 0.013     | 0.01      | 0         | 51.6 | 54.2 | 57.2 | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 0    | 32     | 53     | 1.775     | -0.203    | 3.127 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 57.2 | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 0    | 42     | 53     | 1.844     | -0.128    | 3.123 | 0.016     | 0.016     | 0         | 51.6 | 54.2 | 56.8 | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 0    | 52     | 53     | 1.824     | -0.151    | 3.123 | 0.013     | 0.01      | 0         | 52   | 54.6 | 55.5 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 1    | 2      | 53     | 1.831     | -0.105    | 3.123 | 0.016     | 0.013     | 0         | 52.5 | 53.8 | 57.2 | 157        | 163        | 0          | 35     | 38     |
| 2009 | 6     | 3   | 1    | 12     | 53     | 1.821     | -0.062    | 3.12  | 0.016     | 0.016     | 0         | 52.5 | 54.6 | 57.6 | 158        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 1    | 22     | 53     | 1.808     | -0.131    | 3.114 | 0.013     | 0.01      | 0         | 52   | 54.6 | 55.9 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 1    | 32     | 53     | 1.864     | -0.115    | 3.114 | 0.013     | 0.01      | 0         | 52   | 54.2 | 58   | 157        | 164        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 1    | 42     | 53     | 1.808     | -0.141    | 3.11  | 0.016     | 0.013     | 0         | 52   | 54.6 | 56.8 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 1    | 52     | 53     | 1.831     | -0.128    | 3.107 | 0.01      | 0.007     | 0         | 52   | 55   | 57.2 | 158        | 165        | 0          | 37     | 37     |
| 2009 | 6     | 3   | 2    | 2      | 53     | 1.854     | -0.112    | 3.104 | 0.013     | 0.01      | 0         | 52   | 54.6 | 58   | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 2    | 12     | 53     | 1.811     | -0.148    | 3.104 | 0.01      | 0.007     | 0         | 52   | 54.6 | 58.5 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 2    | 22     | 53     | 1.811     | -0.161    | 3.104 | 0.016     | 0.016     | 0         | 52   | 54.6 | 58   | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 2    | 32     | 53     | 1.837     | -0.164    | 3.1   | 0.016     | 0.016     | 0         | 52   | 54.6 | 57.2 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 2    | 42     | 53     | 1.831     | -0.131    | 3.1   | 0.016     | 0.016     | 0         | 52   | 54.6 | 58.9 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 2    | 52     | 53     | 1.795     | -0.19     | 3.1   | 0.01      | 0.007     | 0         | 52   | 54.6 | 59.3 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 3    | 2      | 53     | 1.804     | -0.154    | 3.097 | 0.016     | 0.013     | 0         | 51.6 | 54.6 | 59.3 | 157        | 164        | 0          | 37     | 37     |
| 2009 | 6     | 3   | 3    | 12     | 53     | 1.824     | -0.174    | 3.097 | 0.013     | 0.01      | 0         | 52   | 54.2 | 59.3 | 157        | 164        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 3    | 22     | 53     | 1.831     | -0.2      | 3.097 | 0.016     | 0.016     | 0         | 52   | 54.6 | 58.9 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 3    | 32     | 53     | 1.795     | -0.171    | 3.094 | 0.016     | 0.013     | 0         | 53.3 | 55   | 58   | 159        | 166        | 0          | 35     | 38     |
| 2009 | 6     | 3   | 3    | 42     | 53     | 1.795     | -0.154    | 3.094 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 58   | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 3    | 52     | 53     | 1.844     | -0.194    | 3.091 | 0.016     | 0.013     | 0         | 56.8 | 58.9 | 55   | 168        | 174        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 4    | 2      | 53     | 1.854     | -0.18     | 3.091 | 0.016     | 0.013     | 0         | 52.5 | 55   | 57.6 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 4    | 12     | 53     | 1.85      | -0.151    | 3.087 | 0.016     | 0.013     | 0         | 52   | 54.6 | 58.5 | 158        | 164        | 0          | 37     | 37     |
| 2009 | 6     | 3   | 4    | 22     | 53     | 1.847     | -0.164    | 3.084 | 0.013     | 0.01      | 0         | 52.5 | 54.2 | 57.6 | 158        | 164        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 4    | 32     | 53     | 1.85      | -0.197    | 3.081 | 0.016     | 0.016     | 0         | 52   | 54.6 | 56.8 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 4    | 42     | 53     | 1.824     | -0.171    | 3.077 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 56.3 | 158        | 165        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 4    | 52     | 53     | 1.841     | -0.187    | 3.074 | 0.016     | 0.013     | 0         | 52.5 | 55   | 55.9 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 5    | 2      | 53     | 1.847     | -0.174    | 3.071 | 0.013     | 0.01      | 0         | 52.5 | 54.6 | 55.5 | 158        | 165        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 5    | 12     | 53     | 1.854     | -0.154    | 3.068 | 0.013     | 0.01      | 0         | 52.5 | 54.6 | 56.8 | 158        | 165        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 5    | 22     | 53     | 1.818     | -0.194    | 3.068 | 0.01      | 0.007     | 0         | 52.5 | 55   | 56.3 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 5    | 32     | 53     | 1.818     | -0.184    | 3.064 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 55.9 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 5    | 42     | 53     | 1.864     | -0.115    | 3.061 | 0.016     | 0.016     | 0         | 52.9 | 55   | 57.2 | 159        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 5    | 52     | 53     | 1.844     | -0.174    | 3.061 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 56.8 | 160        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 3   | 6    | 2      | 53     | 1.827     | -0.164    | 3.061 | 0.016     | 0.016     | 0         | 52.5 | 55.5 | 57.6 | 159        | 166        | 0          | 37     | 37     |
| 2009 | 6     | 3   | 6    | 12     | 53     | 1.87      | -0.164    | 3.058 | 0.013     | 0.01      | 0         | 52.9 | 55.5 | 58.5 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 6    | 22     | 53     | 1.837     | -0.161    | 3.058 | 0.013     | 0.01      | 0         | 52.9 | 55.5 | 57.6 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 6    | 32     | 53     | 1.824     | -0.207    | 3.058 | 0.016     | 0.016     | 0         | 52.9 | 55   | 58.9 | 159        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 6    | 42     | 53     | 1.844     | -0.197    | 3.054 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 58.5 | 158        | 165        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 6    | 52     | 53     | 1.847     | -0.154    | 3.054 | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 58   | 159        | 165        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 7    | 2      | 53     | 1.841     | -0.203    | 3.054 | 0.016     | 0.013     | 0         | 52.5 | 55   | 58.9 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 7    | 12     | 53     | 1.857     | -0.174    | 3.054 | 0.016     | 0.016     | 0         | 52.9 | 54.6 | 60.6 | 159        | 165        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 7    | 22     | 53     | 1.824     | -0.121    | 3.051 | 0.02      | 0.016     | 0         | 52.5 | 55   | 58.5 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 7    | 32     | 53     | 1.854     | -0.135    | 3.048 | 0.016     | 0.013     | 0         | 52.9 | 54.6 | 60.2 | 158        | 165        | 0          | 35     | 38     |
| 2009 | 6     | 3   | 7    | 42     | 53     | 1.86      | -0.184    | 3.048 | 0.016     | 0.013     | 0         | 52   | 54.6 | 58.5 | 158        | 165        | 0          | 37     | 38     |
| 2009 | 6     | 3   | 7    | 52     | 53     | 1.831     | -0.128    | 3.048 | 0.016     | 0.016     | 0         | 52.5 | 54.6 | 58   | 158        | 165        | 0          | 36     | 38     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 3   | 8    | 2      | 53     | 1.841     | -0.203    | 3.045 | 0.016     | 0.013     | 0         | 52.5 | 55   | 57.2 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 8    | 12     | 53     | 1.85      | -0.194    | 3.041 | 0.016     | 0.016     | 0         | 52.5 | 54.6 | 56.8 | 158        | 165        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 8    | 22     | 53     | 1.824     | -0.138    | 3.038 | 0.016     | 0.013     | 0         | 52.9 | 54.6 | 56.8 | 158        | 165        | 0          | 35     | 38     |
| 2009 | 6     | 3   | 8    | 32     | 53     | 1.847     | -0.121    | 3.035 | 0.02      | 0.016     | 0         | 52.9 | 55.5 | 55.5 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 8    | 42     | 53     | 1.844     | -0.207    | 3.031 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 56.8 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 8    | 52     | 53     | 1.831     | -0.19     | 3.028 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 57.2 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 9    | 2      | 53     | 1.808     | -0.151    | 3.025 | 0.016     | 0.013     | 0         | 52.9 | 55   | 57.2 | 159        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 9    | 12     | 53     | 1.795     | -0.154    | 3.022 | 0.016     | 0.016     | 0         | 52.9 | 55   | 57.6 | 159        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 9    | 22     | 53     | 1.791     | -0.144    | 3.022 | 0.016     | 0.013     | 0         | 52.5 | 55.5 | 58   | 159        | 166        | 0          | 37     | 37     |
| 2009 | 6     | 3   | 9    | 32     | 53     | 1.844     | -0.085    | 3.022 | 0.016     | 0.013     | 0         | 53.3 | 55   | 57.6 | 160        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 9    | 42     | 53     | 1.762     | -0.072    | 3.028 | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 53.3 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 9    | 52     | 53     | 1.785     | -0.082    | 3.018 | 0.02      | 0.016     | 0         | 56.3 | 58.5 | 54.2 | 167        | 174        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 10   | 2      | 53     | 1.795     | -0.128    | 3.015 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 54.2 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 10   | 12     | 53     | 1.808     | -0.141    | 3.015 | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 57.6 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 10   | 22     | 53     | 1.808     | -0.112    | 3.015 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 57.2 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 3   | 10   | 32     | 53     | 1.818     | -0.164    | 3.015 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 58.9 | 161        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 10   | 42     | 53     | 1.831     | -0.154    | 3.012 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 58   | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 10   | 52     | 53     | 1.847     | -0.177    | 3.012 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 59.8 | 160        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 11   | 2      | 53     | 1.834     | -0.164    | 3.012 | 0.016     | 0.013     | 0         | 52.9 | 55.9 | 57.6 | 160        | 167        | 0          | 37     | 37     |
| 2009 | 6     | 3   | 11   | 12     | 53     | 1.788     | -0.144    | 3.009 | 0.016     | 0.013     | 0         | 53.3 | 55   | 60.2 | 160        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 11   | 22     | 53     | 1.841     | -0.131    | 3.009 | 0.016     | 0.013     | 0         | 53.3 | 55   | 58.5 | 160        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 11   | 32     | 53     | 1.768     | -0.157    | 3.005 | 0.016     | 0.016     | 0         | 52.5 | 55   | 58   | 159        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 3   | 11   | 42     | 53     | 1.778     | -0.141    | 3.005 | 0.013     | 0.01      | 0         | 52.5 | 55.5 | 56.3 | 159        | 166        | 0          | 37     | 37     |
| 2009 | 6     | 3   | 11   | 52     | 53     | 1.841     | -0.144    | 3.002 | 0.013     | 0.01      | 0         | 52.9 | 55   | 58   | 159        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 12   | 2      | 53     | 1.775     | -0.164    | 3.002 | 0.016     | 0.016     | 0         | 52.9 | 55   | 55.9 | 159        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 12   | 12     | 53     | 1.795     | -0.148    | 2.995 | 0.016     | 0.016     | 0         | 52   | 54.6 | 55.5 | 158        | 165        | 0          | 37     | 38     |
| 2009 | 6     | 3   | 12   | 22     | 53     | 1.755     | -0.217    | 2.992 | 0.013     | 0.01      | 0         | 52.9 | 55   | 56.3 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 12   | 32     | 53     | 1.814     | -0.167    | 2.989 | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 55.9 | 159        | 165        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 12   | 42     | 53     | 1.791     | -0.151    | 2.986 | 0.016     | 0.013     | 0         | 52   | 54.6 | 56.8 | 158        | 165        | 0          | 37     | 38     |
| 2009 | 6     | 3   | 12   | 52     | 53     | 1.844     | -0.141    | 2.982 | 0.023     | 0.02      | 0         | 52.5 | 55   | 56.3 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 13   | 2      | 53     | 1.788     | -0.102    | 2.982 | 0.016     | 0.013     | 0         | 52.5 | 55   | 56.8 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 13   | 12     | 53     | 1.831     | -0.174    | 2.979 | 0.016     | 0.013     | 0         | 52   | 54.6 | 58   | 158        | 165        | 0          | 37     | 38     |
| 2009 | 6     | 3   | 13   | 22     | 53     | 1.824     | -0.144    | 2.979 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 57.2 | 158        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 13   | 32     | 53     | 1.804     | -0.157    | 2.979 | 0.016     | 0.013     | 0         | 52.5 | 54.2 | 57.6 | 158        | 164        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 13   | 42     | 53     | 1.821     | -0.154    | 2.979 | 0.013     | 0.01      | 0         | 51.6 | 54.2 | 59.3 | 157        | 164        | 0          | 37     | 38     |
| 2009 | 6     | 3   | 13   | 52     | 53     | 1.798     | -0.177    | 2.976 | 0.01      | 0.007     | 0         | 52.9 | 55   | 56.8 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 14   | 2      | 53     | 1.804     | -0.108    | 2.976 | 0.016     | 0.013     | 0         | 53.3 | 55   | 58   | 160        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 14   | 12     | 53     | 1.791     | -0.135    | 2.976 | 0.016     | 0.013     | 0         | 52.9 | 55   | 57.2 | 159        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 14   | 22     | 53     | 1.765     | -0.108    | 2.972 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 57.2 | 160        | 166        | 0          | 37     | 37     |
| 2009 | 6     | 3   | 14   | 32     | 53     | 1.781     | -0.092    | 2.972 | 0.016     | 0.013     | 0         | 52.9 | 55   | 57.2 | 159        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 14   | 42     | 53     | 1.791     | -0.131    | 2.969 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 58   | 159        | 165        | 0          | 37     | 38     |
| 2009 | 6     | 3   | 14   | 52     | 53     | 1.808     | -0.112    | 2.969 | 0.016     | 0.013     | 0         | 52   | 55   | 57.6 | 158        | 165        | 0          | 37     | 37     |
| 2009 | 6     | 3   | 15   | 2      | 53     | 1.765     | -0.089    | 2.966 | 0.016     | 0.013     | 0         | 52.9 | 54.6 | 57.2 | 159        | 165        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 15   | 12     | 53     | 1.791     | -0.072    | 2.966 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 56.8 | 160        | 167        | 0          | 37     | 38     |
| 2009 | 6     | 3   | 15   | 22     | 53     | 1.824     | -0.092    | 2.966 | 0.016     | 0.013     | 0         | 54.2 | 55.9 | 55.5 | 162        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 15   | 32     | 53     | 1.808     | -0.144    | 2.963 | 0.016     | 0.013     | 0         | 53.8 | 55.5 | 55.9 | 161        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 15   | 42     | 53     | 1.791     | -0.2      | 2.959 | 0.013     | 0.01      | 0         | 52.9 | 55.9 | 55.9 | 160        | 167        | 0          | 37     | 37     |
| 2009 | 6     | 3   | 15   | 52     | 53     | 1.808     | -0.102    | 2.956 | 0.016     | 0.013     | 0         | 52.9 | 55   | 55.9 | 160        | 166        | 0          | 37     | 38     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 3   | 16   | 2      | 53     | 1.798     | -0.157    | 2.956 | 0.016     | 0.013     | 0         | 52.9 | 55   | 55   | 160        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 3   | 16   | 12     | 53     | 1.827     | -0.121    | 2.949 | 0.02      | 0.016     | 0         | 53.8 | 55.9 | 54.2 | 161        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 16   | 22     | 53     | 1.818     | -0.164    | 2.949 | 0.016     | 0.016     | 0         | 54.2 | 57.2 | 53.3 | 163        | 170        | 0          | 37     | 37     |
| 2009 | 6     | 3   | 16   | 32     | 53     | 1.811     | -0.125    | 2.949 | 0.016     | 0.013     | 0         | 55   | 57.2 | 52.9 | 165        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 3   | 16   | 42     | 53     | 1.765     | -0.039    | 2.949 | 0.016     | 0.013     | 0         | 55.5 | 58.5 | 52.9 | 166        | 173        | 0          | 37     | 37     |
| 2009 | 6     | 3   | 16   | 52     | 53     | 1.821     | -0.102    | 2.949 | 0.02      | 0.016     | 0         | 56.8 | 58.5 | 54.2 | 168        | 174        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 17   | 2      | 53     | 1.795     | -0.118    | 2.949 | 0.016     | 0.013     | 0         | 56.3 | 59.3 | 52.9 | 168        | 175        | 0          | 37     | 37     |
| 2009 | 6     | 3   | 17   | 12     | 53     | 1.791     | -0.131    | 2.949 | 0.016     | 0.013     | 0         | 56.3 | 58   | 52.5 | 167        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 17   | 22     | 53     | 1.791     | -0.167    | 2.946 | 0.016     | 0.013     | 0         | 55.9 | 58   | 52.9 | 166        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 17   | 32     | 53     | 1.762     | -0.138    | 2.943 | 0.016     | 0.016     | 0         | 55.5 | 58.5 | 52.9 | 166        | 173        | 0          | 37     | 37     |
| 2009 | 6     | 3   | 17   | 42     | 53     | 1.831     | -0.102    | 2.943 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 53.8 | 166        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 3   | 17   | 52     | 53     | 1.788     | -0.125    | 2.943 | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 53.8 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 18   | 2      | 53     | 1.775     | -0.174    | 2.943 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 54.6 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 18   | 12     | 53     | 1.814     | -0.098    | 2.94  | 0.013     | 0.01      | 0         | 55   | 56.8 | 55.9 | 164        | 171        | 0          | 36     | 39     |
| 2009 | 6     | 3   | 18   | 22     | 53     | 1.798     | -0.082    | 2.94  | 0.013     | 0.01      | 0         | 54.6 | 57.2 | 55.9 | 164        | 170        | 0          | 37     | 37     |
| 2009 | 6     | 3   | 18   | 32     | 53     | 1.795     | -0.138    | 2.94  | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 56.8 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 18   | 42     | 53     | 1.798     | -0.125    | 2.936 | 0.016     | 0.013     | 0         | 54.6 | 56.3 | 56.3 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 18   | 52     | 53     | 1.788     | -0.148    | 2.936 | 0.016     | 0.016     | 0         | 54.2 | 55.9 | 56.8 | 162        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 19   | 2      | 53     | 1.801     | -0.141    | 2.936 | 0.016     | 0.013     | 0         | 54.2 | 55.9 | 57.6 | 162        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 19   | 12     | 53     | 1.811     | -0.121    | 2.936 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 55.9 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 3   | 19   | 22     | 53     | 1.778     | -0.095    | 2.936 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 58.5 | 161        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 19   | 32     | 53     | 1.837     | -0.151    | 2.933 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 57.6 | 160        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 19   | 42     | 53     | 1.827     | -0.194    | 2.933 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 58   | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 19   | 52     | 53     | 1.818     | -0.187    | 2.933 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 57.6 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 20   | 2      | 53     | 1.791     | -0.177    | 2.93  | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 58.9 | 161        | 167        | 0          | 37     | 37     |
| 2009 | 6     | 3   | 20   | 12     | 53     | 1.788     | -0.144    | 2.93  | 0.016     | 0.016     | 0         | 53.8 | 55.5 | 57.2 | 161        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 20   | 22     | 53     | 1.785     | -0.171    | 2.927 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 57.2 | 160        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 20   | 32     | 53     | 1.801     | -0.177    | 2.927 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 58   | 160        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 20   | 42     | 53     | 1.785     | -0.167    | 2.927 | 0.016     | 0.013     | 0         | 52.9 | 55   | 57.2 | 160        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 3   | 20   | 52     | 53     | 1.811     | -0.217    | 2.927 | 0.016     | 0.016     | 0         | 53.3 | 55   | 58   | 160        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 21   | 2      | 53     | 1.785     | -0.141    | 2.92  | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 55.9 | 159        | 166        | 0          | 36     | 39     |
| 2009 | 6     | 3   | 21   | 12     | 53     | 1.791     | -0.187    | 2.92  | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 55.9 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 21   | 22     | 53     | 1.808     | -0.148    | 2.917 | 0.016     | 0.016     | 0         | 52.9 | 55   | 54.6 | 159        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 21   | 32     | 53     | 1.821     | -0.135    | 2.913 | 0.016     | 0.016     | 0         | 52.9 | 55   | 55.5 | 159        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 21   | 42     | 53     | 1.808     | -0.148    | 2.91  | 0.016     | 0.013     | 0         | 52.9 | 55   | 55.9 | 159        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 21   | 52     | 53     | 1.811     | -0.151    | 2.91  | 0.016     | 0.016     | 0         | 52.5 | 55.5 | 55.9 | 159        | 166        | 0          | 37     | 37     |
| 2009 | 6     | 3   | 22   | 2      | 53     | 1.759     | -0.115    | 2.904 | 0.02      | 0.016     | 0         | 52.5 | 54.6 | 55.5 | 159        | 165        | 0          | 37     | 38     |
| 2009 | 6     | 3   | 22   | 12     | 53     | 1.752     | -0.151    | 2.904 | 0.016     | 0.013     | 0         | 52.5 | 55   | 57.6 | 159        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 3   | 22   | 22     | 53     | 1.818     | -0.131    | 2.904 | 0.016     | 0.013     | 0         | 52.5 | 55   | 57.2 | 159        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 3   | 22   | 32     | 53     | 1.781     | -0.203    | 2.9   | 0.016     | 0.016     | 0         | 52.9 | 55   | 57.2 | 159        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 22   | 42     | 53     | 1.791     | -0.128    | 2.9   | 0.02      | 0.016     | 0         | 52.9 | 55   | 56.3 | 159        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 22   | 52     | 53     | 1.798     | -0.144    | 2.897 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 57.2 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 23   | 2      | 53     | 1.808     | -0.167    | 2.897 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 58   | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 3   | 23   | 12     | 53     | 1.804     | -0.151    | 2.897 | 0.016     | 0.013     | 0         | 53.3 | 55   | 57.6 | 159        | 166        | 0          | 35     | 38     |
| 2009 | 6     | 3   | 23   | 22     | 53     | 1.821     | -0.131    | 2.897 | 0.016     | 0.013     | 0         | 52.5 | 55   | 58.5 | 159        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 3   | 23   | 32     | 53     | 1.788     | -0.164    | 2.894 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 57.6 | 159        | 166        | 0          | 37     | 39     |
| 2009 | 6     | 3   | 23   | 42     | 53     | 1.804     | -0.174    | 2.894 | 0.016     | 0.013     | 0         | 52.9 | 55   | 58.5 | 159        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 3   | 23   | 52     | 53     | 1.824     | -0.121    | 2.894 | 0.013     | 0.01      | 0         | 52.5 | 55   | 59.3 | 159        | 166        | 0          | 37     | 38     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 4   | 0    | 2      | 53     | 1.768     | -0.125    | 2.894 | 0.016     | 0.013     | 0         | 52.5 | 55   | 58.5 | 159        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 0    | 12     | 53     | 1.785     | -0.135    | 2.89  | 0.016     | 0.016     | 0         | 53.3 | 55   | 59.3 | 160        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 4   | 0    | 22     | 53     | 1.804     | -0.164    | 2.89  | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 59.8 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 4   | 0    | 32     | 53     | 1.827     | -0.131    | 2.89  | 0.016     | 0.013     | 0         | 52.5 | 55   | 59.8 | 159        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 0    | 42     | 53     | 1.808     | -0.118    | 2.89  | 0.016     | 0.013     | 0         | 52.9 | 55   | 59.3 | 160        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 0    | 52     | 53     | 1.804     | -0.138    | 2.887 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 58.5 | 160        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 4   | 1    | 2      | 53     | 1.811     | -0.164    | 2.887 | 0.016     | 0.013     | 0         | 52.9 | 55   | 59.3 | 159        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 4   | 1    | 12     | 53     | 1.827     | -0.161    | 2.884 | 0.016     | 0.016     | 0         | 52.5 | 55.9 | 58.5 | 159        | 167        | 0          | 37     | 37     |
| 2009 | 6     | 4   | 1    | 22     | 53     | 1.798     | -0.161    | 2.884 | 0.016     | 0.016     | 0         | 52.9 | 54.6 | 58   | 160        | 166        | 0          | 37     | 39     |
| 2009 | 6     | 4   | 1    | 32     | 53     | 1.765     | -0.115    | 2.881 | 0.013     | 0.01      | 0         | 52.9 | 55   | 55.5 | 160        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 1    | 42     | 53     | 1.768     | -0.121    | 2.881 | 0.016     | 0.016     | 0         | 53.3 | 55   | 57.2 | 160        | 167        | 0          | 36     | 39     |
| 2009 | 6     | 4   | 1    | 52     | 53     | 1.814     | -0.174    | 2.877 | 0.016     | 0.013     | 0         | 52.9 | 55   | 56.3 | 160        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 2    | 2      | 53     | 1.768     | -0.115    | 2.877 | 0.016     | 0.016     | 0         | 52.9 | 55   | 57.2 | 160        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 2    | 12     | 53     | 1.778     | -0.187    | 2.874 | 0.016     | 0.016     | 0         | 52.9 | 55   | 56.8 | 160        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 2    | 22     | 53     | 1.808     | -0.141    | 2.871 | 0.016     | 0.013     | 0         | 52.9 | 55   | 55.5 | 159        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 4   | 2    | 32     | 53     | 1.821     | -0.174    | 2.867 | 0.016     | 0.013     | 0         | 52.9 | 55   | 55.5 | 160        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 2    | 42     | 53     | 1.801     | -0.154    | 2.864 | 0.016     | 0.016     | 0         | 52.5 | 55   | 55   | 159        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 2    | 52     | 53     | 1.785     | -0.108    | 2.861 | 0.016     | 0.013     | 0         | 52   | 54.6 | 55.5 | 159        | 166        | 0          | 38     | 39     |
| 2009 | 6     | 4   | 3    | 2      | 53     | 1.791     | -0.154    | 2.861 | 0.02      | 0.016     | 0         | 52.5 | 55.5 | 56.3 | 159        | 166        | 0          | 37     | 37     |
| 2009 | 6     | 4   | 3    | 12     | 53     | 1.772     | -0.177    | 2.858 | 0.016     | 0.013     | 0         | 52.5 | 55   | 56.3 | 159        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 3    | 22     | 53     | 1.788     | -0.194    | 2.858 | 0.016     | 0.013     | 0         | 52.5 | 55   | 55.9 | 159        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 3    | 32     | 53     | 1.781     | -0.135    | 2.858 | 0.016     | 0.013     | 0         | 52.5 | 55   | 57.6 | 159        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 3    | 42     | 53     | 1.808     | -0.203    | 2.854 | 0.016     | 0.013     | 0         | 52.9 | 55   | 58   | 159        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 4   | 3    | 52     | 53     | 1.788     | -0.148    | 2.854 | 0.016     | 0.016     | 0         | 52.9 | 55   | 57.2 | 159        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 4   | 4    | 2      | 53     | 1.791     | -0.125    | 2.854 | 0.016     | 0.016     | 0         | 52.5 | 55   | 57.6 | 159        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 4    | 12     | 53     | 1.785     | -0.151    | 2.851 | 0.016     | 0.013     | 0         | 52.9 | 55   | 58   | 159        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 4   | 4    | 22     | 53     | 1.781     | -0.217    | 2.851 | 0.016     | 0.013     | 0         | 52.5 | 55.5 | 58   | 159        | 166        | 0          | 37     | 37     |
| 2009 | 6     | 4   | 4    | 32     | 53     | 1.801     | -0.157    | 2.851 | 0.013     | 0.01      | 0         | 52.9 | 55   | 57.6 | 159        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 4   | 4    | 42     | 53     | 1.791     | -0.197    | 2.851 | 0.016     | 0.013     | 0         | 52.5 | 55   | 59.3 | 159        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 4    | 52     | 53     | 1.749     | -0.144    | 2.848 | 0.016     | 0.016     | 0         | 52.9 | 55   | 58   | 159        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 4   | 5    | 2      | 53     | 1.759     | -0.177    | 2.848 | 0.016     | 0.013     | 0         | 52.5 | 55   | 59.8 | 160        | 166        | 0          | 38     | 38     |
| 2009 | 6     | 4   | 5    | 12     | 53     | 1.827     | -0.131    | 2.848 | 0.02      | 0.016     | 0         | 52.9 | 55   | 58.5 | 160        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 5    | 22     | 53     | 1.788     | -0.174    | 2.848 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 58.5 | 160        | 167        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 5    | 32     | 53     | 1.804     | -0.18     | 2.844 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 58.9 | 160        | 167        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 5    | 42     | 53     | 1.814     | -0.144    | 2.844 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 58   | 160        | 167        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 5    | 52     | 53     | 1.768     | -0.118    | 2.844 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 58   | 160        | 167        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 6    | 2      | 53     | 1.804     | -0.187    | 2.844 | 0.016     | 0.013     | 0         | 52.9 | 55.9 | 58.9 | 160        | 167        | 0          | 37     | 37     |
| 2009 | 6     | 4   | 6    | 12     | 53     | 1.745     | -0.148    | 2.841 | 0.016     | 0.016     | 0         | 52.9 | 55   | 58.5 | 160        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 6    | 22     | 53     | 1.824     | -0.154    | 2.841 | 0.016     | 0.013     | 0         | 52.5 | 55   | 58.5 | 159        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 6    | 32     | 53     | 1.804     | -0.184    | 2.841 | 0.016     | 0.013     | 0         | 52.5 | 55   | 58.9 | 159        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 6    | 42     | 53     | 1.844     | -0.148    | 2.838 | 0.016     | 0.013     | 0         | 52   | 54.6 | 58   | 159        | 165        | 0          | 38     | 38     |
| 2009 | 6     | 4   | 6    | 52     | 53     | 1.801     | -0.171    | 2.838 | 0.016     | 0.013     | 0         | 52.5 | 55   | 57.6 | 159        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 7    | 2      | 53     | 1.791     | -0.148    | 2.838 | 0.013     | 0.01      | 0         | 52.5 | 55   | 57.6 | 159        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 7    | 12     | 53     | 1.801     | -0.131    | 2.835 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 55.9 | 160        | 167        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 7    | 22     | 53     | 1.739     | -0.141    | 2.835 | 0.016     | 0.016     | 0         | 52.9 | 55   | 57.2 | 160        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 7    | 32     | 53     | 1.808     | -0.171    | 2.831 | 0.016     | 0.016     | 0         | 52.9 | 55   | 56.3 | 160        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 7    | 42     | 53     | 1.804     | -0.157    | 2.831 | 0.016     | 0.013     | 0         | 53.3 | 55   | 55.9 | 160        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 4   | 7    | 52     | 53     | 1.824     | -0.2      | 2.828 | 0.016     | 0.013     | 0         | 52.5 | 55   | 54.6 | 159        | 166        | 0          | 37     | 38     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 4   | 8    | 2      | 53     | 1.804     | -0.161    | 2.828 | 0.016     | 0.013     | 0         | 52.5 | 55.5 | 56.8 | 159        | 166        | 0          | 37     | 37     |
| 2009 | 6     | 4   | 8    | 12     | 53     | 1.762     | -0.207    | 2.825 | 0.016     | 0.016     | 0         | 52.5 | 55   | 55.5 | 159        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 8    | 22     | 53     | 1.808     | -0.144    | 2.822 | 0.016     | 0.013     | 0         | 52.9 | 55   | 55   | 160        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 8    | 32     | 53     | 1.745     | -0.197    | 2.822 | 0.016     | 0.013     | 0         | 52.9 | 55   | 56.3 | 160        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 8    | 42     | 53     | 1.814     | -0.121    | 2.818 | 0.016     | 0.016     | 0         | 52.5 | 55   | 57.2 | 160        | 166        | 0          | 38     | 38     |
| 2009 | 6     | 4   | 8    | 52     | 53     | 1.788     | -0.141    | 2.815 | 0.013     | 0.01      | 0         | 52.9 | 55   | 56.3 | 160        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 9    | 2      | 53     | 1.814     | -0.115    | 2.815 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 56.3 | 160        | 167        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 9    | 12     | 53     | 1.818     | -0.141    | 2.812 | 0.02      | 0.016     | 0         | 52.9 | 54.6 | 57.2 | 160        | 166        | 0          | 37     | 39     |
| 2009 | 6     | 4   | 9    | 22     | 53     | 1.781     | -0.148    | 2.812 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 57.6 | 160        | 167        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 9    | 32     | 53     | 1.775     | -0.21     | 2.812 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 58   | 160        | 167        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 9    | 42     | 53     | 1.765     | -0.157    | 2.812 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 57.2 | 160        | 166        | 0          | 36     | 39     |
| 2009 | 6     | 4   | 9    | 52     | 53     | 1.778     | -0.131    | 2.808 | 0.016     | 0.013     | 0         | 52.9 | 55   | 58   | 160        | 167        | 0          | 37     | 39     |
| 2009 | 6     | 4   | 10   | 2      | 53     | 1.781     | -0.164    | 2.808 | 0.016     | 0.013     | 0         | 52.9 | 55   | 58   | 160        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 10   | 12     | 53     | 1.798     | -0.164    | 2.808 | 0.016     | 0.013     | 0         | 52   | 55   | 59.3 | 159        | 166        | 0          | 38     | 38     |
| 2009 | 6     | 4   | 10   | 22     | 53     | 1.759     | -0.197    | 2.808 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 58.9 | 160        | 166        | 0          | 38     | 39     |
| 2009 | 6     | 4   | 10   | 32     | 53     | 1.772     | -0.144    | 2.808 | 0.016     | 0.013     | 0         | 52.5 | 55   | 59.3 | 159        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 10   | 42     | 53     | 1.788     | -0.161    | 2.805 | 0.02      | 0.016     | 0         | 52.9 | 55   | 59.3 | 160        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 10   | 52     | 53     | 1.804     | -0.141    | 2.805 | 0.016     | 0.016     | 0         | 52.9 | 55   | 59.3 | 160        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 11   | 2      | 53     | 1.798     | -0.187    | 2.805 | 0.016     | 0.013     | 0         | 52   | 55   | 60.2 | 159        | 166        | 0          | 38     | 38     |
| 2009 | 6     | 4   | 11   | 12     | 53     | 1.775     | -0.118    | 2.805 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 58.9 | 160        | 167        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 11   | 22     | 53     | 1.791     | -0.164    | 2.805 | 0.016     | 0.016     | 0         | 52.9 | 54.6 | 61.1 | 160        | 166        | 0          | 37     | 39     |
| 2009 | 6     | 4   | 11   | 32     | 53     | 1.811     | -0.171    | 2.805 | 0.016     | 0.016     | 0         | 52.5 | 55   | 59.3 | 159        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 11   | 42     | 53     | 1.814     | -0.171    | 2.805 | 0.016     | 0.016     | 0         | 52.5 | 55   | 59.3 | 159        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 11   | 52     | 53     | 1.808     | -0.112    | 2.802 | 0.016     | 0.013     | 0         | 52   | 55   | 60.2 | 159        | 166        | 0          | 38     | 38     |
| 2009 | 6     | 4   | 12   | 2      | 53     | 1.781     | -0.167    | 2.802 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 59.8 | 159        | 166        | 0          | 37     | 39     |
| 2009 | 6     | 4   | 12   | 12     | 53     | 1.778     | -0.246    | 2.802 | 0.016     | 0.016     | 0         | 52.9 | 55   | 58   | 160        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 12   | 22     | 53     | 1.804     | -0.19     | 2.802 | 0.02      | 0.016     | 0         | 52.5 | 55   | 58   | 159        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 12   | 32     | 53     | 1.739     | -0.197    | 2.799 | 0.016     | 0.013     | 0         | 52.9 | 54.6 | 58   | 159        | 166        | 0          | 36     | 39     |
| 2009 | 6     | 4   | 12   | 42     | 53     | 1.775     | -0.223    | 2.799 | 0.016     | 0.016     | 0         | 52.5 | 55   | 57.2 | 159        | 166        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 12   | 52     | 53     | 1.768     | -0.135    | 2.795 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 56.3 | 159        | 165        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 13   | 2      | 53     | 1.752     | -0.115    | 2.795 | 0.016     | 0.013     | 0         | 52.9 | 54.6 | 57.2 | 159        | 165        | 0          | 36     | 38     |
| 2009 | 6     | 4   | 13   | 12     | 53     | 1.781     | -0.131    | 2.792 | 0.016     | 0.013     | 0         | 52.9 | 55   | 56.8 | 160        | 167        | 0          | 37     | 39     |
| 2009 | 6     | 4   | 13   | 22     | 53     | 1.759     | -0.118    | 2.792 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 55.5 | 161        | 167        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 13   | 32     | 53     | 1.762     | -0.154    | 2.792 | 0.016     | 0.016     | 0         | 52.9 | 55.9 | 55   | 161        | 168        | 0          | 38     | 38     |
| 2009 | 6     | 4   | 13   | 42     | 53     | 1.745     | -0.112    | 2.789 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 55.5 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 13   | 52     | 53     | 1.772     | -0.131    | 2.789 | 0.02      | 0.016     | 0         | 54.6 | 56.3 | 55.5 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 4   | 14   | 2      | 53     | 1.778     | -0.089    | 2.785 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 56.3 | 163        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 14   | 12     | 53     | 1.775     | -0.19     | 2.782 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 55.5 | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 4   | 14   | 22     | 53     | 1.749     | -0.062    | 2.782 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 56.3 | 163        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 14   | 32     | 53     | 1.755     | -0.115    | 2.779 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 55.9 | 163        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 14   | 42     | 53     | 1.801     | -0.056    | 2.779 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 57.6 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 4   | 14   | 52     | 53     | 1.808     | -0.085    | 2.779 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 58   | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 4   | 15   | 2      | 53     | 1.742     | -0.128    | 2.779 | 0.016     | 0.013     | 0         | 54.2 | 56.8 | 56.3 | 163        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 15   | 12     | 53     | 1.726     | -0.115    | 2.779 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 57.2 | 163        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 15   | 22     | 53     | 1.755     | -0.049    | 2.776 | 0.013     | 0.01      | 0         | 54.6 | 56.8 | 55.9 | 164        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 15   | 32     | 53     | 1.752     | -0.072    | 2.779 | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 55.5 | 164        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 15   | 42     | 53     | 1.736     | -0.089    | 2.776 | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 56.8 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 4   | 15   | 52     | 53     | 1.752     | -0.128    | 2.776 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 58   | 162        | 169        | 0          | 37     | 38     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 4   | 16   | 2      | 53     | 1.739     | -0.105    | 2.772 | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 57.2 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 4   | 16   | 12     | 53     | 1.742     | -0.066    | 2.772 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 57.6 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 4   | 16   | 22     | 53     | 1.699     | -0.062    | 2.772 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 56.3 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 4   | 16   | 32     | 53     | 1.749     | -0.148    | 2.772 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 55.9 | 163        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 16   | 42     | 53     | 1.742     | -0.108    | 2.772 | 0.016     | 0.016     | 0         | 54.6 | 56.3 | 57.2 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 4   | 16   | 52     | 53     | 1.762     | -0.039    | 2.769 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 57.2 | 162        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 17   | 2      | 53     | 1.755     | -0.072    | 2.769 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 56.8 | 163        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 17   | 12     | 53     | 1.788     | -0.154    | 2.766 | 0.02      | 0.016     | 0         | 53.8 | 55.9 | 56.8 | 162        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 17   | 22     | 53     | 1.742     | -0.085    | 2.769 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 56.3 | 162        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 17   | 32     | 53     | 1.742     | -0.098    | 2.766 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 56.3 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 4   | 17   | 42     | 53     | 1.745     | -0.128    | 2.762 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 57.6 | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 4   | 17   | 52     | 53     | 1.745     | -0.056    | 2.762 | 0.016     | 0.013     | 0         | 54.2 | 55.9 | 55.9 | 162        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 4   | 18   | 2      | 53     | 1.765     | -0.108    | 2.762 | 0.016     | 0.016     | 0         | 54.2 | 55.9 | 57.2 | 162        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 4   | 18   | 12     | 53     | 1.768     | -0.082    | 2.759 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 55.9 | 162        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 18   | 22     | 53     | 1.749     | -0.043    | 2.759 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 56.3 | 162        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 18   | 32     | 53     | 1.736     | -0.154    | 2.756 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 55.9 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 18   | 42     | 53     | 1.755     | -0.102    | 2.753 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 55.5 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 18   | 52     | 53     | 1.814     | -0.164    | 2.753 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 55.5 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 19   | 2      | 53     | 1.745     | -0.118    | 2.753 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 56.3 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 19   | 12     | 53     | 1.775     | -0.105    | 2.749 | 0.013     | 0.01      | 0         | 53.3 | 55.9 | 56.3 | 161        | 167        | 0          | 37     | 37     |
| 2009 | 6     | 4   | 19   | 22     | 53     | 1.745     | -0.121    | 2.749 | 0.02      | 0.016     | 0         | 53.3 | 55.5 | 56.3 | 161        | 167        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 19   | 32     | 53     | 1.765     | -0.066    | 2.746 | 0.016     | 0.016     | 0         | 53.8 | 55   | 55.9 | 161        | 167        | 0          | 36     | 39     |
| 2009 | 6     | 4   | 19   | 42     | 53     | 1.778     | -0.059    | 2.746 | 0.02      | 0.016     | 0         | 53.8 | 55.5 | 57.6 | 161        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 4   | 19   | 52     | 53     | 1.745     | -0.095    | 2.743 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 56.3 | 160        | 167        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 20   | 2      | 53     | 1.713     | -0.125    | 2.743 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 56.3 | 160        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 4   | 20   | 12     | 53     | 1.778     | -0.138    | 2.746 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 55.5 | 161        | 167        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 20   | 22     | 53     | 1.762     | -0.108    | 2.743 | 0.016     | 0.016     | 0         | 53.3 | 56.3 | 56.8 | 161        | 168        | 0          | 37     | 37     |
| 2009 | 6     | 4   | 20   | 32     | 53     | 1.755     | -0.164    | 2.743 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 58   | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 20   | 42     | 53     | 1.745     | -0.082    | 2.743 | 0.023     | 0.023     | 0         | 53.8 | 56.3 | 57.6 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 4   | 20   | 52     | 53     | 1.745     | -0.121    | 2.743 | 0.016     | 0.013     | 0         | 53.3 | 56.3 | 56.3 | 161        | 168        | 0          | 37     | 37     |
| 2009 | 6     | 4   | 21   | 2      | 53     | 1.742     | -0.105    | 2.743 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 57.2 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 21   | 12     | 53     | 1.759     | -0.148    | 2.74  | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 57.2 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 21   | 22     | 53     | 1.749     | -0.095    | 2.74  | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 58.9 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 21   | 32     | 53     | 1.772     | -0.085    | 2.74  | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 57.6 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 21   | 42     | 53     | 1.775     | -0.056    | 2.74  | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 57.6 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 4   | 21   | 52     | 53     | 1.752     | -0.115    | 2.74  | 0.02      | 0.016     | 0         | 53.3 | 55.9 | 58.5 | 161        | 167        | 0          | 37     | 37     |
| 2009 | 6     | 4   | 22   | 2      | 53     | 1.765     | -0.187    | 2.74  | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 59.3 | 161        | 167        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 22   | 12     | 53     | 1.759     | -0.157    | 2.736 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 58.9 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 4   | 22   | 22     | 53     | 1.749     | -0.115    | 2.736 | 0.02      | 0.016     | 0         | 53.8 | 55.9 | 59.8 | 161        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 4   | 22   | 32     | 53     | 1.739     | -0.128    | 2.736 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 59.3 | 161        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 4   | 22   | 42     | 53     | 1.768     | -0.151    | 2.736 | 0.02      | 0.016     | 0         | 53.8 | 55.9 | 59.3 | 161        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 4   | 22   | 52     | 53     | 1.772     | -0.128    | 2.736 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 59.3 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 23   | 2      | 53     | 1.768     | -0.135    | 2.736 | 0.02      | 0.016     | 0         | 53.8 | 56.3 | 56.8 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 4   | 23   | 12     | 53     | 1.742     | -0.161    | 2.736 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 58   | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 4   | 23   | 22     | 53     | 1.755     | -0.171    | 2.736 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 57.6 | 161        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 4   | 23   | 32     | 53     | 1.765     | -0.125    | 2.733 | 0.02      | 0.016     | 0         | 53.3 | 55.5 | 58.9 | 161        | 167        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 23   | 42     | 53     | 1.788     | -0.171    | 2.733 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 57.6 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 4   | 23   | 52     | 53     | 1.785     | -0.135    | 2.733 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 58   | 161        | 168        | 0          | 37     | 38     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 5   | 0    | 2      | 53     | 1.759     | -0.164    | 2.73  | 0.016     | 0.013     | 0         | 53.8 | 55.5 | 57.2 | 161        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 0    | 12     | 53     | 1.762     | -0.098    | 2.73  | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 57.2 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 0    | 22     | 53     | 1.775     | -0.157    | 2.73  | 0.02      | 0.016     | 0         | 53.8 | 55.9 | 55.5 | 161        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 0    | 32     | 53     | 1.791     | -0.131    | 2.726 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 55.9 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 0    | 42     | 53     | 1.768     | -0.171    | 2.726 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 58   | 162        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 0    | 52     | 53     | 1.775     | -0.141    | 2.726 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 55.5 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 5   | 1    | 2      | 53     | 1.768     | -0.121    | 2.723 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 56.3 | 161        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 1    | 12     | 53     | 1.772     | -0.157    | 2.723 | 0.016     | 0.016     | 0         | 54.2 | 55.9 | 55   | 162        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 1    | 22     | 53     | 1.768     | -0.095    | 2.72  | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 54.6 | 162        | 168        | 0          | 37     | 37     |
| 2009 | 6     | 5   | 1    | 32     | 53     | 1.762     | -0.072    | 2.72  | 0.016     | 0.016     | 0         | 54.2 | 55.9 | 54.6 | 162        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 1    | 42     | 53     | 1.736     | -0.144    | 2.72  | 0.02      | 0.016     | 0         | 54.2 | 55.9 | 54.6 | 162        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 1    | 52     | 53     | 1.778     | -0.157    | 2.717 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 55.5 | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 2    | 2      | 53     | 1.732     | -0.108    | 2.717 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 55.5 | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 2    | 12     | 53     | 1.788     | -0.069    | 2.713 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 54.6 | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 2    | 22     | 53     | 1.775     | -0.121    | 2.713 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 55.5 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 5   | 2    | 32     | 53     | 1.745     | -0.151    | 2.71  | 0.016     | 0.016     | 0         | 54.2 | 55.9 | 55.9 | 162        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 2    | 42     | 53     | 1.765     | -0.151    | 2.71  | 0.016     | 0.013     | 0         | 53.8 | 56.8 | 56.3 | 162        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 5   | 2    | 52     | 53     | 1.749     | -0.22     | 2.71  | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 55   | 162        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 3    | 2      | 53     | 1.736     | -0.115    | 2.71  | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 55.9 | 162        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 3    | 12     | 53     | 1.772     | -0.174    | 2.707 | 0.016     | 0.016     | 0         | 54.2 | 55.9 | 56.3 | 162        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 3    | 22     | 53     | 1.772     | -0.128    | 2.707 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 55.9 | 162        | 168        | 0          | 37     | 37     |
| 2009 | 6     | 5   | 3    | 32     | 53     | 1.742     | -0.187    | 2.707 | 0.02      | 0.016     | 0         | 54.2 | 55.9 | 57.2 | 162        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 3    | 42     | 53     | 1.722     | -0.125    | 2.707 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 57.2 | 162        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 3    | 52     | 53     | 1.801     | -0.174    | 2.707 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 56.3 | 162        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 4    | 2      | 53     | 1.775     | -0.157    | 2.703 | 0.016     | 0.016     | 0         | 53.8 | 56.8 | 56.3 | 162        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 5   | 4    | 12     | 53     | 1.739     | -0.105    | 2.703 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 57.6 | 162        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 4    | 22     | 53     | 1.729     | -0.108    | 2.703 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 56.3 | 162        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 4    | 32     | 53     | 1.768     | -0.148    | 2.703 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 56.8 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 4    | 42     | 53     | 1.788     | -0.167    | 2.703 | 0.016     | 0.013     | 0         | 53.8 | 56.8 | 56.8 | 162        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 5   | 4    | 52     | 53     | 1.742     | -0.167    | 2.7   | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 56.8 | 162        | 169        | 0          | 37     | 39     |
| 2009 | 6     | 5   | 5    | 2      | 53     | 1.749     | -0.125    | 2.7   | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 57.6 | 162        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 5    | 12     | 53     | 1.765     | -0.098    | 2.7   | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 56.8 | 163        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 5    | 22     | 53     | 1.755     | -0.177    | 2.7   | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 57.6 | 163        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 5   | 5    | 32     | 53     | 1.729     | -0.154    | 2.7   | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 56.8 | 163        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 5    | 42     | 53     | 1.801     | -0.164    | 2.7   | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 56.8 | 163        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 5    | 52     | 53     | 1.719     | -0.174    | 2.7   | 0.023     | 0.02      | 0         | 54.2 | 56.3 | 57.2 | 163        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 6    | 2      | 53     | 1.765     | -0.197    | 2.7   | 0.013     | 0.01      | 0         | 54.2 | 55.9 | 57.2 | 163        | 169        | 0          | 37     | 39     |
| 2009 | 6     | 5   | 6    | 12     | 53     | 1.739     | -0.089    | 2.697 | 0.016     | 0.016     | 0         | 53.3 | 56.3 | 57.2 | 162        | 169        | 0          | 38     | 38     |
| 2009 | 6     | 5   | 6    | 22     | 53     | 1.762     | -0.148    | 2.697 | 0.016     | 0.016     | 0         | 53.8 | 55.5 | 57.2 | 162        | 168        | 0          | 37     | 39     |
| 2009 | 6     | 5   | 6    | 32     | 53     | 1.759     | -0.18     | 2.697 | 0.02      | 0.016     | 0         | 53.8 | 56.3 | 58   | 162        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 6    | 42     | 53     | 1.781     | -0.125    | 2.697 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 57.2 | 162        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 6    | 52     | 53     | 1.762     | -0.092    | 2.697 | 0.02      | 0.016     | 0         | 53.8 | 55.9 | 58   | 162        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 7    | 2      | 53     | 1.785     | -0.144    | 2.697 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 58   | 161        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 7    | 12     | 53     | 1.804     | -0.141    | 2.697 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 58   | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 7    | 22     | 53     | 1.791     | -0.148    | 2.697 | 0.02      | 0.016     | 0         | 53.3 | 55.9 | 58.9 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 7    | 32     | 53     | 1.706     | -0.22     | 2.694 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 58   | 162        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 7    | 42     | 53     | 1.765     | -0.141    | 2.694 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 58.5 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 5   | 7    | 52     | 53     | 1.69      | -0.108    | 2.694 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 58.5 | 162        | 168        | 0          | 37     | 38     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 5   | 8    | 2      | 53     | 1.719     | -0.213    | 2.694 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 57.6 | 163        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 8    | 12     | 53     | 1.768     | -0.246    | 2.694 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 57.6 | 163        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 8    | 22     | 53     | 1.745     | -0.157    | 2.694 | 0.016     | 0.016     | 0         | 53.8 | 56.8 | 58.9 | 162        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 5   | 8    | 32     | 53     | 1.716     | -0.085    | 2.694 | 0.016     | 0.016     | 0         | 53.3 | 56.3 | 57.6 | 162        | 169        | 0          | 38     | 38     |
| 2009 | 6     | 5   | 8    | 42     | 53     | 1.752     | -0.105    | 2.694 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 59.3 | 162        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 8    | 52     | 53     | 1.745     | -0.138    | 2.694 | 0.016     | 0.013     | 0         | 53.8 | 55.5 | 58.5 | 162        | 168        | 0          | 37     | 39     |
| 2009 | 6     | 5   | 9    | 2      | 53     | 1.785     | -0.105    | 2.694 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 58.9 | 162        | 169        | 0          | 37     | 39     |
| 2009 | 6     | 5   | 9    | 12     | 53     | 1.775     | -0.151    | 2.69  | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 58   | 162        | 168        | 0          | 38     | 38     |
| 2009 | 6     | 5   | 9    | 22     | 53     | 1.768     | -0.144    | 2.69  | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 58.5 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 9    | 32     | 53     | 1.772     | -0.135    | 2.69  | 0.02      | 0.016     | 0         | 53.8 | 55.9 | 57.6 | 162        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 9    | 42     | 53     | 1.752     | -0.135    | 2.69  | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 58.9 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 9    | 52     | 53     | 1.775     | -0.151    | 2.69  | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 58.5 | 162        | 169        | 0          | 37     | 39     |
| 2009 | 6     | 5   | 10   | 2      | 53     | 1.765     | -0.135    | 2.69  | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 58.5 | 162        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 10   | 12     | 53     | 1.765     | -0.154    | 2.69  | 0.016     | 0.016     | 0         | 53.8 | 55.5 | 58   | 162        | 168        | 0          | 37     | 39     |
| 2009 | 6     | 5   | 10   | 22     | 53     | 1.768     | -0.121    | 2.69  | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 58   | 164        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 10   | 32     | 53     | 1.778     | -0.118    | 2.69  | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 57.6 | 162        | 168        | 0          | 37     | 37     |
| 2009 | 6     | 5   | 10   | 42     | 53     | 1.729     | -0.135    | 2.69  | 0.02      | 0.016     | 0         | 53.8 | 55.9 | 58   | 162        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 10   | 52     | 53     | 1.795     | -0.131    | 2.69  | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 58.9 | 162        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 11   | 2      | 53     | 1.775     | -0.194    | 2.69  | 0.016     | 0.013     | 0         | 53.8 | 55.5 | 59.3 | 162        | 168        | 0          | 37     | 39     |
| 2009 | 6     | 5   | 11   | 12     | 53     | 1.749     | -0.18     | 2.687 | 0.02      | 0.016     | 0         | 53.3 | 55.9 | 59.3 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 11   | 22     | 53     | 1.732     | -0.187    | 2.69  | 0.02      | 0.016     | 0         | 53.3 | 55.5 | 59.3 | 161        | 168        | 0          | 37     | 39     |
| 2009 | 6     | 5   | 11   | 32     | 53     | 1.765     | -0.144    | 2.687 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 58.9 | 162        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 11   | 42     | 53     | 1.775     | -0.115    | 2.687 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 58   | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 11   | 52     | 53     | 1.772     | -0.2      | 2.687 | 0.013     | 0.01      | 0         | 53.3 | 55.9 | 58.9 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 12   | 2      | 53     | 1.759     | -0.131    | 2.687 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 57.6 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 12   | 12     | 53     | 1.755     | -0.187    | 2.687 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 58.5 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 12   | 22     | 53     | 1.788     | -0.059    | 2.687 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 58.5 | 161        | 167        | 0          | 38     | 38     |
| 2009 | 6     | 5   | 12   | 32     | 53     | 1.752     | -0.105    | 2.687 | 0.016     | 0.016     | 0         | 53.8 | 55.5 | 58.5 | 161        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 12   | 42     | 53     | 1.752     | -0.138    | 2.687 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 58.9 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 12   | 52     | 53     | 1.785     | -0.213    | 2.687 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 58   | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 5   | 13   | 2      | 53     | 1.781     | -0.125    | 2.687 | 0.02      | 0.016     | 0         | 53.3 | 55.5 | 57.6 | 161        | 167        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 13   | 12     | 53     | 1.745     | -0.22     | 2.687 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 58.5 | 161        | 167        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 13   | 22     | 53     | 1.755     | -0.161    | 2.684 | 0.02      | 0.016     | 0         | 53.3 | 55.9 | 57.2 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 13   | 32     | 53     | 1.785     | -0.184    | 2.684 | 0.016     | 0.013     | 0         | 53.8 | 55.5 | 55.5 | 161        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 13   | 42     | 53     | 1.726     | -0.138    | 2.684 | 0.02      | 0.016     | 0         | 53.3 | 55   | 57.2 | 161        | 167        | 0          | 37     | 39     |
| 2009 | 6     | 5   | 13   | 52     | 53     | 1.775     | -0.151    | 2.68  | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 57.2 | 160        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 14   | 2      | 53     | 1.752     | -0.151    | 2.68  | 0.016     | 0.013     | 0         | 52.9 | 55   | 56.8 | 160        | 167        | 0          | 37     | 39     |
| 2009 | 6     | 5   | 14   | 12     | 53     | 1.768     | -0.187    | 2.68  | 0.016     | 0.016     | 0         | 52.5 | 55.5 | 56.3 | 160        | 167        | 0          | 38     | 38     |
| 2009 | 6     | 5   | 14   | 22     | 53     | 1.759     | -0.174    | 2.68  | 0.016     | 0.016     | 0         | 53.8 | 55.5 | 56.8 | 161        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 14   | 32     | 53     | 1.742     | -0.207    | 2.68  | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 56.3 | 161        | 167        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 14   | 42     | 53     | 1.778     | -0.085    | 2.677 | 0.02      | 0.016     | 0         | 52.5 | 55.5 | 57.6 | 160        | 167        | 0          | 38     | 38     |
| 2009 | 6     | 5   | 14   | 52     | 53     | 1.795     | -0.138    | 2.677 | 0.016     | 0.016     | 0         | 52.5 | 55.5 | 57.2 | 160        | 167        | 0          | 38     | 38     |
| 2009 | 6     | 5   | 15   | 2      | 53     | 1.788     | -0.112    | 2.674 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 56.8 | 160        | 167        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 15   | 12     | 53     | 1.749     | -0.121    | 2.677 | 0.016     | 0.016     | 0         | 53.8 | 55.5 | 55.5 | 161        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 15   | 22     | 53     | 1.765     | -0.098    | 2.674 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 55   | 161        | 168        | 0          | 37     | 39     |
| 2009 | 6     | 5   | 15   | 32     | 53     | 1.788     | -0.112    | 2.671 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 56.3 | 161        | 167        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 15   | 42     | 53     | 1.719     | -0.138    | 2.671 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 56.8 | 161        | 167        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 15   | 52     | 53     | 1.752     | -0.138    | 2.671 | 0.016     | 0.016     | 0         | 53.8 | 55.5 | 57.2 | 161        | 167        | 0          | 36     | 38     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 5   | 16   | 2      | 53     | 1.745     | -0.098    | 2.671 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 56.8 | 161        | 167        | 0          | 37     | 37     |
| 2009 | 6     | 5   | 16   | 12     | 53     | 1.719     | -0.171    | 2.667 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 57.6 | 160        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 16   | 22     | 53     | 1.742     | -0.079    | 2.667 | 0.016     | 0.016     | 0         | 53.8 | 55.5 | 56.3 | 161        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 16   | 32     | 53     | 1.791     | -0.177    | 2.667 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 57.2 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 16   | 42     | 53     | 1.755     | -0.112    | 2.667 | 0.02      | 0.016     | 0         | 53.8 | 55.9 | 56.8 | 162        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 16   | 52     | 53     | 1.778     | -0.144    | 2.667 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 55.5 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 5   | 17   | 2      | 53     | 1.719     | -0.131    | 2.667 | 0.016     | 0.016     | 0         | 54.6 | 56.3 | 57.2 | 163        | 170        | 0          | 36     | 39     |
| 2009 | 6     | 5   | 17   | 12     | 53     | 1.752     | -0.144    | 2.667 | 0.016     | 0.016     | 0         | 55   | 56.3 | 57.2 | 164        | 170        | 0          | 36     | 39     |
| 2009 | 6     | 5   | 17   | 22     | 53     | 1.739     | -0.138    | 2.671 | 0.013     | 0.01      | 0         | 54.6 | 56.8 | 56.8 | 164        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 17   | 32     | 53     | 1.775     | -0.131    | 2.667 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 55.9 | 163        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 17   | 42     | 53     | 1.699     | -0.128    | 2.667 | 0.016     | 0.016     | 0         | 55   | 56.8 | 57.2 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 17   | 52     | 53     | 1.762     | -0.095    | 2.667 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 55.5 | 163        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 18   | 2      | 53     | 1.759     | -0.171    | 2.667 | 0.016     | 0.016     | 0         | 55   | 56.8 | 56.8 | 164        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 5   | 18   | 12     | 53     | 1.762     | -0.154    | 2.667 | 0.02      | 0.016     | 0         | 53.8 | 56.8 | 56.8 | 162        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 5   | 18   | 22     | 53     | 1.752     | -0.157    | 2.667 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 57.6 | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 18   | 32     | 53     | 1.781     | -0.157    | 2.664 | 0.016     | 0.016     | 0         | 54.2 | 55.9 | 58   | 162        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 18   | 42     | 53     | 1.772     | -0.138    | 2.667 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 58.5 | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 18   | 52     | 53     | 1.765     | -0.131    | 2.664 | 0.016     | 0.016     | 0         | 54.2 | 55.9 | 59.3 | 162        | 169        | 0          | 36     | 39     |
| 2009 | 6     | 5   | 19   | 2      | 53     | 1.759     | -0.164    | 2.664 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 58.9 | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 19   | 12     | 53     | 1.772     | -0.144    | 2.664 | 0.02      | 0.016     | 0         | 53.8 | 56.3 | 58   | 162        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 19   | 22     | 53     | 1.778     | -0.115    | 2.664 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 58   | 162        | 168        | 0          | 37     | 37     |
| 2009 | 6     | 5   | 19   | 32     | 53     | 1.742     | -0.161    | 2.664 | 0.02      | 0.016     | 0         | 53.8 | 55.9 | 58   | 161        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 19   | 42     | 53     | 1.768     | -0.118    | 2.664 | 0.02      | 0.016     | 0         | 53.8 | 55.9 | 58   | 162        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 19   | 52     | 53     | 1.759     | -0.118    | 2.664 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 58.9 | 161        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 20   | 2      | 53     | 1.752     | -0.164    | 2.664 | 0.02      | 0.016     | 0         | 54.2 | 55.9 | 58.5 | 162        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 20   | 12     | 53     | 1.755     | -0.131    | 2.664 | 0.02      | 0.016     | 0         | 53.3 | 55.9 | 58.5 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 20   | 22     | 53     | 1.709     | -0.115    | 2.664 | 0.023     | 0.02      | 0         | 53.8 | 56.3 | 58.5 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 5   | 20   | 32     | 53     | 1.781     | -0.157    | 2.664 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 59.3 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 5   | 20   | 42     | 53     | 1.749     | -0.128    | 2.664 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 58.9 | 162        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 20   | 52     | 53     | 1.742     | -0.112    | 2.664 | 0.02      | 0.016     | 0         | 53.8 | 56.3 | 57.6 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 5   | 21   | 2      | 53     | 1.722     | -0.128    | 2.664 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 60.2 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 21   | 12     | 53     | 1.729     | -0.164    | 2.664 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 59.3 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 5   | 21   | 22     | 53     | 1.772     | -0.22     | 2.664 | 0.02      | 0.016     | 0         | 54.2 | 55.9 | 59.3 | 162        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 21   | 32     | 53     | 1.755     | -0.154    | 2.661 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 58   | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 21   | 42     | 53     | 1.745     | -0.118    | 2.664 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 58.9 | 161        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 21   | 52     | 53     | 1.788     | -0.128    | 2.664 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 58   | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 5   | 22   | 2      | 53     | 1.749     | -0.171    | 2.661 | 0.02      | 0.016     | 0         | 53.8 | 55.9 | 59.8 | 161        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 22   | 12     | 53     | 1.739     | -0.125    | 2.661 | 0.016     | 0.016     | 0         | 53.3 | 56.3 | 59.8 | 161        | 168        | 0          | 37     | 37     |
| 2009 | 6     | 5   | 22   | 22     | 53     | 1.791     | -0.167    | 2.664 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 59.8 | 161        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 22   | 32     | 53     | 1.752     | -0.112    | 2.661 | 0.02      | 0.016     | 0         | 53.3 | 55.9 | 58.9 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 22   | 42     | 53     | 1.781     | -0.174    | 2.661 | 0.02      | 0.016     | 0         | 53.8 | 55.9 | 59.8 | 161        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 5   | 22   | 52     | 53     | 1.795     | -0.171    | 2.661 | 0.02      | 0.016     | 0         | 53.3 | 56.3 | 59.8 | 161        | 168        | 0          | 37     | 37     |
| 2009 | 6     | 5   | 23   | 2      | 53     | 1.729     | -0.069    | 2.661 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 59.3 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 23   | 12     | 53     | 1.765     | -0.105    | 2.661 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 58.5 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 5   | 23   | 22     | 53     | 1.772     | -0.154    | 2.661 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 58.5 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 5   | 23   | 32     | 53     | 1.772     | -0.121    | 2.661 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 58   | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 23   | 42     | 53     | 1.772     | -0.115    | 2.661 | 0.02      | 0.016     | 0         | 53.3 | 55.9 | 57.6 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 5   | 23   | 52     | 53     | 1.772     | -0.164    | 2.661 | 0.02      | 0.016     | 0         | 54.2 | 55.9 | 58.9 | 162        | 168        | 0          | 36     | 38     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 6   | 0    | 2      | 53     | 1.762     | -0.171    | 2.661 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 58.5 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 6   | 0    | 12     | 53     | 1.759     | -0.125    | 2.661 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 58.5 | 161        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 0    | 22     | 53     | 1.749     | -0.128    | 2.661 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 58.9 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 0    | 32     | 53     | 1.801     | -0.151    | 2.661 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 59.3 | 161        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 0    | 42     | 53     | 1.778     | -0.128    | 2.657 | 0.016     | 0.013     | 0         | 54.2 | 55.9 | 58.5 | 162        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 0    | 52     | 53     | 1.759     | -0.164    | 2.657 | 0.016     | 0.013     | 0         | 54.2 | 55.9 | 58.5 | 162        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 1    | 2      | 53     | 1.745     | -0.151    | 2.657 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 58.5 | 161        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 1    | 12     | 53     | 1.765     | -0.105    | 2.657 | 0.02      | 0.016     | 0         | 53.8 | 56.3 | 58   | 162        | 168        | 0          | 37     | 37     |
| 2009 | 6     | 6   | 1    | 22     | 53     | 1.778     | -0.115    | 2.657 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 58.9 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 6   | 1    | 32     | 53     | 1.781     | -0.112    | 2.657 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 56.3 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 6   | 1    | 42     | 53     | 1.739     | -0.154    | 2.657 | 0.02      | 0.016     | 0         | 53.8 | 55.9 | 58   | 162        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 1    | 52     | 53     | 1.772     | -0.125    | 2.657 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 57.2 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 6   | 2    | 2      | 53     | 1.716     | -0.128    | 2.654 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 56.8 | 162        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 2    | 12     | 53     | 1.749     | -0.151    | 2.654 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 57.6 | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 2    | 22     | 53     | 1.778     | -0.164    | 2.654 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 58   | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 2    | 32     | 53     | 1.772     | -0.095    | 2.654 | 0.016     | 0.016     | 0         | 54.6 | 56.3 | 56.8 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 2    | 42     | 53     | 1.762     | -0.115    | 2.654 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 57.2 | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 2    | 52     | 53     | 1.785     | -0.135    | 2.654 | 0.016     | 0.016     | 0         | 54.6 | 56.3 | 57.2 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 3    | 2      | 53     | 1.726     | -0.161    | 2.654 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 55.9 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 6   | 3    | 12     | 53     | 1.759     | -0.151    | 2.654 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 55.5 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 6   | 3    | 22     | 53     | 1.745     | -0.118    | 2.651 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 57.2 | 163        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 3    | 32     | 53     | 1.745     | -0.144    | 2.651 | 0.016     | 0.016     | 0         | 54.6 | 55.9 | 57.6 | 163        | 169        | 0          | 36     | 39     |
| 2009 | 6     | 6   | 3    | 42     | 53     | 1.736     | -0.141    | 2.651 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 55.9 | 163        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 3    | 52     | 53     | 1.736     | -0.092    | 2.651 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 56.3 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 6   | 4    | 2      | 53     | 1.765     | -0.112    | 2.651 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 55.9 | 163        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 4    | 12     | 53     | 1.732     | -0.213    | 2.651 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 55.9 | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 4    | 22     | 53     | 1.795     | -0.135    | 2.651 | 0.016     | 0.016     | 0         | 54.6 | 56.3 | 56.3 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 4    | 32     | 53     | 1.768     | -0.187    | 2.651 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 56.8 | 163        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 4    | 42     | 53     | 1.788     | -0.092    | 2.651 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 56.8 | 163        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 4    | 52     | 53     | 1.791     | -0.184    | 2.648 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 53.8 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 5    | 2      | 53     | 1.781     | -0.144    | 2.648 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 57.2 | 163        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 5    | 12     | 53     | 1.759     | -0.131    | 2.648 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 56.3 | 164        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 5    | 22     | 53     | 1.752     | -0.135    | 2.648 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 55.9 | 164        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 5    | 32     | 53     | 1.791     | -0.089    | 2.648 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 54.2 | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 5    | 42     | 53     | 1.798     | -0.141    | 2.648 | 0.016     | 0.016     | 0         | 55   | 57.2 | 56.3 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 5    | 52     | 53     | 1.772     | -0.115    | 2.648 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 56.3 | 164        | 170        | 0          | 37     | 37     |
| 2009 | 6     | 6   | 6    | 2      | 53     | 1.739     | -0.131    | 2.644 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 55.5 | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 6    | 12     | 53     | 1.795     | -0.144    | 2.644 | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 55   | 164        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 6    | 22     | 53     | 1.772     | -0.157    | 2.648 | 0.016     | 0.013     | 0         | 54.2 | 56.8 | 56.3 | 163        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 6    | 32     | 53     | 1.716     | -0.148    | 2.648 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 55.9 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 6   | 6    | 42     | 53     | 1.759     | -0.174    | 2.644 | 0.016     | 0.013     | 0         | 54.2 | 56.8 | 55.9 | 163        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 6    | 52     | 53     | 1.785     | -0.138    | 2.648 | 0.02      | 0.016     | 0         | 54.2 | 56.3 | 55.9 | 163        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 7    | 2      | 53     | 1.785     | -0.108    | 2.644 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 56.3 | 163        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 6   | 7    | 12     | 53     | 1.765     | -0.148    | 2.648 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 55.9 | 162        | 169        | 0          | 37     | 39     |
| 2009 | 6     | 6   | 7    | 22     | 53     | 1.762     | -0.148    | 2.644 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 55.9 | 163        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 7    | 32     | 53     | 1.742     | -0.131    | 2.644 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 55.5 | 163        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 7    | 42     | 53     | 1.755     | -0.148    | 2.644 | 0.016     | 0.013     | 0         | 54.2 | 56.8 | 56.3 | 163        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 6   | 7    | 52     | 53     | 1.768     | -0.102    | 2.644 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 56.8 | 163        | 169        | 0          | 37     | 38     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 6   | 8    | 2      | 53     | 1.772     | -0.171    | 2.644 | 0.016     | 0.013     | 0         | 53.8 | 56.8 | 55.9 | 162        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 6   | 8    | 12     | 53     | 1.709     | -0.194    | 2.641 | 0.02      | 0.016     | 0         | 53.8 | 56.3 | 55.9 | 163        | 169        | 0          | 38     | 38     |
| 2009 | 6     | 6   | 8    | 22     | 53     | 1.742     | -0.157    | 2.641 | 0.016     | 0.016     | 0         | 54.2 | 55.9 | 56.3 | 163        | 169        | 0          | 37     | 39     |
| 2009 | 6     | 6   | 8    | 32     | 53     | 1.768     | -0.092    | 2.641 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 55.9 | 163        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 8    | 42     | 53     | 1.736     | -0.128    | 2.641 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 55.9 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 8    | 52     | 53     | 1.749     | -0.167    | 2.638 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 55.9 | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 9    | 2      | 53     | 1.785     | -0.151    | 2.638 | 0.02      | 0.016     | 0         | 55   | 56.8 | 56.3 | 165        | 171        | 0          | 37     | 39     |
| 2009 | 6     | 6   | 9    | 12     | 53     | 1.729     | -0.167    | 2.641 | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 55   | 164        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 9    | 22     | 53     | 1.775     | -0.125    | 2.638 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 55.9 | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 9    | 32     | 53     | 1.729     | -0.079    | 2.638 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 55   | 164        | 170        | 0          | 37     | 37     |
| 2009 | 6     | 6   | 9    | 42     | 53     | 1.762     | -0.187    | 2.635 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 55.5 | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 9    | 52     | 53     | 1.742     | -0.115    | 2.635 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 53.8 | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 10   | 2      | 53     | 1.729     | -0.069    | 2.635 | 0.016     | 0.013     | 0         | 55   | 58   | 55.5 | 165        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 6   | 10   | 12     | 53     | 1.775     | -0.167    | 2.635 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 55.9 | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 10   | 22     | 53     | 1.739     | -0.164    | 2.635 | 0.02      | 0.016     | 0         | 55.5 | 58   | 54.2 | 166        | 173        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 10   | 32     | 53     | 1.768     | -0.154    | 2.631 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 55.5 | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 10   | 42     | 53     | 1.762     | -0.135    | 2.635 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 54.6 | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 10   | 52     | 53     | 1.745     | -0.151    | 2.631 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 55.5 | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 11   | 2      | 53     | 1.732     | -0.157    | 2.631 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 54.6 | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 11   | 12     | 53     | 1.752     | -0.128    | 2.631 | 0.016     | 0.016     | 0         | 55   | 57.2 | 55.5 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 11   | 22     | 53     | 1.722     | -0.125    | 2.628 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 55   | 164        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 11   | 32     | 53     | 1.785     | -0.052    | 2.628 | 0.016     | 0.016     | 0         | 55   | 56.8 | 55   | 164        | 171        | 0          | 36     | 39     |
| 2009 | 6     | 6   | 11   | 42     | 53     | 1.778     | -0.151    | 2.628 | 0.02      | 0.016     | 0         | 54.6 | 57.6 | 55.9 | 164        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 6   | 11   | 52     | 53     | 1.752     | -0.098    | 2.628 | 0.02      | 0.016     | 0         | 54.6 | 57.6 | 55.9 | 164        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 6   | 12   | 2      | 53     | 1.719     | -0.18     | 2.628 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 55   | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 12   | 12     | 53     | 1.752     | -0.148    | 2.625 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 55.9 | 163        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 12   | 22     | 53     | 1.765     | -0.102    | 2.628 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 57.2 | 164        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 12   | 32     | 53     | 1.775     | -0.154    | 2.625 | 0.016     | 0.016     | 0         | 55   | 56.3 | 55.9 | 164        | 170        | 0          | 36     | 39     |
| 2009 | 6     | 6   | 12   | 42     | 53     | 1.765     | -0.135    | 2.625 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 55.9 | 163        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 12   | 52     | 53     | 1.755     | -0.115    | 2.625 | 0.016     | 0.013     | 0         | 54.2 | 56.8 | 57.2 | 163        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 13   | 2      | 53     | 1.772     | -0.18     | 2.625 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 57.6 | 163        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 13   | 12     | 53     | 1.785     | -0.171    | 2.625 | 0.016     | 0.016     | 0         | 54.6 | 56.3 | 57.2 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 13   | 22     | 53     | 1.755     | -0.148    | 2.625 | 0.016     | 0.016     | 0         | 54.6 | 55.9 | 57.2 | 163        | 169        | 0          | 36     | 39     |
| 2009 | 6     | 6   | 13   | 32     | 53     | 1.745     | -0.148    | 2.625 | 0.02      | 0.016     | 0         | 54.2 | 56.3 | 56.8 | 163        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 13   | 42     | 53     | 1.722     | -0.154    | 2.625 | 0.02      | 0.016     | 0         | 53.8 | 56.8 | 57.2 | 162        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 6   | 13   | 52     | 53     | 1.765     | -0.174    | 2.625 | 0.016     | 0.013     | 0         | 54.2 | 55.9 | 57.2 | 163        | 169        | 0          | 37     | 39     |
| 2009 | 6     | 6   | 14   | 2      | 53     | 1.798     | -0.184    | 2.625 | 0.02      | 0.016     | 0         | 54.2 | 55.9 | 57.6 | 162        | 169        | 0          | 36     | 39     |
| 2009 | 6     | 6   | 14   | 12     | 53     | 1.749     | -0.115    | 2.625 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 58   | 162        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 14   | 22     | 53     | 1.736     | -0.164    | 2.625 | 0.02      | 0.016     | 0         | 54.2 | 56.3 | 55.9 | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 14   | 32     | 53     | 1.759     | -0.167    | 2.625 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 58.9 | 162        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 14   | 42     | 53     | 1.785     | -0.125    | 2.625 | 0.02      | 0.016     | 0         | 53.8 | 56.3 | 58.5 | 162        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 14   | 52     | 53     | 1.765     | -0.144    | 2.625 | 0.02      | 0.016     | 0         | 53.8 | 56.3 | 57.6 | 162        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 15   | 2      | 53     | 1.696     | -0.095    | 2.625 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 58   | 162        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 15   | 12     | 53     | 1.732     | -0.115    | 2.625 | 0.02      | 0.016     | 0         | 53.8 | 56.8 | 56.8 | 162        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 6   | 15   | 22     | 53     | 1.755     | -0.095    | 2.625 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 58.5 | 162        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 15   | 32     | 53     | 1.752     | -0.115    | 2.621 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 57.6 | 163        | 169        | 0          | 38     | 38     |
| 2009 | 6     | 6   | 15   | 42     | 53     | 1.795     | -0.125    | 2.621 | 0.02      | 0.016     | 0         | 54.2 | 56.3 | 57.6 | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 15   | 52     | 53     | 1.765     | -0.095    | 2.621 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 57.6 | 164        | 170        | 0          | 37     | 38     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 6   | 16   | 2      | 53     | 1.736     | -0.105    | 2.625 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 58.9 | 163        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 16   | 12     | 53     | 1.772     | -0.157    | 2.625 | 0.016     | 0.016     | 0         | 54.6 | 56.3 | 58   | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 16   | 22     | 53     | 1.781     | -0.128    | 2.621 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 57.6 | 162        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 16   | 32     | 53     | 1.772     | -0.092    | 2.621 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 57.6 | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 16   | 42     | 53     | 1.752     | -0.164    | 2.621 | 0.02      | 0.016     | 0         | 53.8 | 56.3 | 58.9 | 162        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 16   | 52     | 53     | 1.791     | -0.157    | 2.621 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 58.5 | 162        | 169        | 0          | 37     | 39     |
| 2009 | 6     | 6   | 17   | 2      | 53     | 1.752     | -0.069    | 2.625 | 0.02      | 0.016     | 0         | 53.8 | 56.3 | 58.5 | 162        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 17   | 12     | 53     | 1.745     | -0.102    | 2.621 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 58   | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 6   | 17   | 22     | 53     | 1.719     | -0.049    | 2.621 | 0.02      | 0.016     | 0         | 54.2 | 56.3 | 58   | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 17   | 32     | 53     | 1.755     | -0.128    | 2.625 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 57.2 | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 17   | 42     | 53     | 1.722     | -0.135    | 2.621 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 59.8 | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 17   | 52     | 53     | 1.706     | -0.112    | 2.621 | 0.016     | 0.013     | 0         | 53.3 | 56.3 | 57.2 | 162        | 169        | 0          | 38     | 38     |
| 2009 | 6     | 6   | 18   | 2      | 53     | 1.762     | -0.125    | 2.621 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 58.5 | 163        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 18   | 12     | 53     | 1.755     | -0.157    | 2.625 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 58   | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 18   | 22     | 53     | 1.768     | -0.108    | 2.621 | 0.016     | 0.016     | 0         | 55   | 57.6 | 58.9 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 6   | 18   | 32     | 53     | 1.778     | -0.161    | 2.621 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 58.5 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 18   | 42     | 53     | 1.742     | -0.171    | 2.621 | 0.016     | 0.016     | 0         | 54.2 | 57.2 | 57.6 | 163        | 170        | 0          | 37     | 37     |
| 2009 | 6     | 6   | 18   | 52     | 53     | 1.729     | -0.161    | 2.621 | 0.016     | 0.016     | 0         | 54.6 | 56.3 | 57.6 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 19   | 2      | 53     | 1.755     | -0.138    | 2.621 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 59.3 | 163        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 19   | 12     | 53     | 1.749     | -0.19     | 2.621 | 0.02      | 0.016     | 0         | 54.2 | 56.3 | 58   | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 19   | 22     | 53     | 1.752     | -0.138    | 2.621 | 0.016     | 0.016     | 0         | 54.6 | 56.3 | 58.9 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 19   | 32     | 53     | 1.788     | -0.167    | 2.625 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 58.9 | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 19   | 42     | 53     | 1.736     | -0.138    | 2.621 | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 59.3 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 6   | 19   | 52     | 53     | 1.765     | -0.085    | 2.625 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 58.5 | 163        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 20   | 2      | 53     | 1.791     | -0.112    | 2.625 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 58.9 | 163        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 6   | 20   | 12     | 53     | 1.765     | -0.157    | 2.625 | 0.016     | 0.016     | 0         | 54.6 | 56.3 | 58.5 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 20   | 22     | 53     | 1.762     | -0.115    | 2.625 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 58   | 163        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 6   | 20   | 32     | 53     | 1.788     | -0.157    | 2.625 | 0.02      | 0.016     | 0         | 54.6 | 56.3 | 59.3 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 20   | 42     | 53     | 1.759     | -0.144    | 2.625 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 57.6 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 20   | 52     | 53     | 1.762     | -0.161    | 2.621 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 60.2 | 163        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 6   | 21   | 2      | 53     | 1.722     | -0.118    | 2.625 | 0.016     | 0.016     | 0         | 54.6 | 56.3 | 57.6 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 21   | 12     | 53     | 1.759     | -0.154    | 2.625 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 58   | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 6   | 21   | 22     | 53     | 1.739     | -0.108    | 2.625 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 58   | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 21   | 32     | 53     | 1.755     | -0.144    | 2.621 | 0.023     | 0.02      | 0         | 53.8 | 56.8 | 58   | 162        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 6   | 21   | 42     | 53     | 1.745     | -0.062    | 2.621 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 60.2 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 6   | 21   | 52     | 53     | 1.736     | -0.177    | 2.621 | 0.016     | 0.013     | 0         | 54.2 | 56.8 | 60.2 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 6   | 22   | 2      | 53     | 1.768     | -0.102    | 2.621 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 58.9 | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 22   | 12     | 53     | 1.781     | -0.085    | 2.621 | 0.02      | 0.016     | 0         | 53.8 | 56.3 | 58   | 162        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 22   | 22     | 53     | 1.729     | -0.118    | 2.621 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 58   | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 22   | 32     | 53     | 1.736     | -0.167    | 2.621 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 59.3 | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 22   | 42     | 53     | 1.752     | -0.072    | 2.621 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 58.5 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 6   | 22   | 52     | 53     | 1.759     | -0.128    | 2.621 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 58.5 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 6   | 23   | 2      | 53     | 1.722     | -0.082    | 2.621 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 58.9 | 162        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 23   | 12     | 53     | 1.752     | -0.128    | 2.621 | 0.016     | 0.016     | 0         | 54.6 | 56.3 | 58.9 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 23   | 22     | 53     | 1.713     | -0.112    | 2.621 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 56.3 | 163        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 23   | 32     | 53     | 1.713     | -0.121    | 2.621 | 0.016     | 0.016     | 0         | 54.6 | 56.3 | 58.5 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 6   | 23   | 42     | 53     | 1.785     | -0.174    | 2.621 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 58   | 163        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 6   | 23   | 52     | 53     | 1.798     | -0.167    | 2.621 | 0.023     | 0.02      | 0         | 54.2 | 56.8 | 58.5 | 163        | 170        | 0          | 37     | 38     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 7   | 0    | 2      | 53     | 1.703     | -0.157    | 2.621 | 0.023     | 0.02      | 0         | 54.2 | 56.8 | 57.6 | 163        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 0    | 12     | 53     | 1.788     | -0.164    | 2.618 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 58   | 163        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 0    | 22     | 53     | 1.745     | -0.118    | 2.618 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 57.6 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 0    | 32     | 53     | 1.736     | -0.089    | 2.618 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 58.5 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 0    | 42     | 53     | 1.775     | -0.125    | 2.618 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 57.6 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 0    | 52     | 53     | 1.722     | -0.118    | 2.618 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 55.9 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 1    | 2      | 53     | 1.726     | -0.161    | 2.618 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 57.6 | 163        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 1    | 12     | 53     | 1.736     | -0.171    | 2.618 | 0.016     | 0.016     | 0         | 55   | 57.2 | 57.2 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 1    | 22     | 53     | 1.755     | -0.141    | 2.618 | 0.016     | 0.016     | 0         | 55   | 57.2 | 57.2 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 1    | 32     | 53     | 1.768     | -0.098    | 2.615 | 0.016     | 0.016     | 0         | 55   | 57.2 | 55.9 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 1    | 42     | 53     | 1.709     | -0.108    | 2.618 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 57.6 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 1    | 52     | 53     | 1.791     | -0.141    | 2.615 | 0.016     | 0.016     | 0         | 55   | 56.8 | 57.6 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 2    | 2      | 53     | 1.808     | -0.135    | 2.618 | 0.023     | 0.02      | 0         | 54.2 | 57.2 | 55.9 | 164        | 170        | 0          | 38     | 37     |
| 2009 | 6     | 7   | 2    | 12     | 53     | 1.745     | -0.161    | 2.615 | 0.02      | 0.016     | 0         | 55   | 56.8 | 55   | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 2    | 22     | 53     | 1.755     | -0.108    | 2.615 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 57.2 | 164        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 2    | 32     | 53     | 1.742     | -0.085    | 2.615 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 55.9 | 164        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 2    | 42     | 53     | 1.762     | -0.148    | 2.615 | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 56.8 | 164        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 2    | 52     | 53     | 1.722     | -0.098    | 2.615 | 0.016     | 0.016     | 0         | 55   | 56.8 | 57.2 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 3    | 2      | 53     | 1.762     | -0.157    | 2.615 | 0.016     | 0.016     | 0         | 55   | 56.8 | 54.6 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 3    | 12     | 53     | 1.785     | -0.089    | 2.615 | 0.016     | 0.013     | 0         | 55   | 56.8 | 57.2 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 3    | 22     | 53     | 1.752     | -0.151    | 2.615 | 0.016     | 0.016     | 0         | 55   | 56.8 | 55   | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 3    | 32     | 53     | 1.755     | -0.092    | 2.615 | 0.016     | 0.016     | 0         | 55   | 56.8 | 54.6 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 3    | 42     | 53     | 1.772     | -0.154    | 2.612 | 0.016     | 0.013     | 0         | 55   | 57.2 | 55.5 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 3    | 52     | 53     | 1.759     | -0.164    | 2.612 | 0.016     | 0.013     | 0         | 54.6 | 57.6 | 56.3 | 164        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 7   | 4    | 2      | 53     | 1.759     | -0.105    | 2.612 | 0.016     | 0.016     | 0         | 54.6 | 57.6 | 56.3 | 164        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 7   | 4    | 12     | 53     | 1.739     | -0.128    | 2.612 | 0.02      | 0.016     | 0         | 55   | 57.2 | 55.9 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 4    | 22     | 53     | 1.791     | -0.148    | 2.615 | 0.016     | 0.013     | 0         | 55   | 57.6 | 55.5 | 165        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 7   | 4    | 32     | 53     | 1.752     | -0.164    | 2.612 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 56.8 | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 4    | 42     | 53     | 1.726     | -0.151    | 2.612 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 55.5 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 4    | 52     | 53     | 1.775     | -0.171    | 2.612 | 0.016     | 0.016     | 0         | 55   | 57.6 | 55.5 | 165        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 5    | 2      | 53     | 1.804     | -0.135    | 2.612 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 56.8 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 5    | 12     | 53     | 1.736     | -0.19     | 2.612 | 0.02      | 0.016     | 0         | 55   | 57.2 | 55   | 165        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 5    | 22     | 53     | 1.759     | -0.095    | 2.612 | 0.016     | 0.013     | 0         | 55   | 57.6 | 55.5 | 165        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 5    | 32     | 53     | 1.673     | -0.098    | 2.608 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 54.6 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 5    | 42     | 53     | 1.762     | -0.108    | 2.612 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 54.6 | 165        | 172        | 0          | 36     | 39     |
| 2009 | 6     | 7   | 5    | 52     | 53     | 1.736     | -0.118    | 2.612 | 0.016     | 0.013     | 0         | 54.6 | 57.6 | 54.6 | 165        | 172        | 0          | 38     | 38     |
| 2009 | 6     | 7   | 6    | 2      | 53     | 1.749     | -0.105    | 2.612 | 0.016     | 0.016     | 0         | 55.5 | 58   | 56.8 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 6    | 12     | 53     | 1.729     | -0.138    | 2.608 | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 55   | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 6    | 22     | 53     | 1.713     | -0.157    | 2.608 | 0.016     | 0.016     | 0         | 55   | 57.2 | 55   | 165        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 6    | 32     | 53     | 1.716     | -0.161    | 2.608 | 0.02      | 0.016     | 0         | 55.5 | 57.2 | 55.9 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 6    | 42     | 53     | 1.755     | -0.115    | 2.612 | 0.02      | 0.016     | 0         | 55   | 57.2 | 55.9 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 6    | 52     | 53     | 1.752     | -0.131    | 2.608 | 0.016     | 0.016     | 0         | 55   | 57.2 | 55.9 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 7    | 2      | 53     | 1.775     | -0.105    | 2.608 | 0.016     | 0.013     | 0         | 55   | 57.2 | 55.9 | 165        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 7    | 12     | 53     | 1.765     | -0.128    | 2.608 | 0.02      | 0.016     | 0         | 54.6 | 57.6 | 55.5 | 164        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 7   | 7    | 22     | 53     | 1.762     | -0.157    | 2.608 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 55.9 | 164        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 7    | 32     | 53     | 1.709     | -0.164    | 2.608 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 55.5 | 164        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 7    | 42     | 53     | 1.732     | -0.151    | 2.608 | 0.016     | 0.016     | 0         | 55   | 56.8 | 55.9 | 164        | 171        | 0          | 36     | 39     |
| 2009 | 6     | 7   | 7    | 52     | 53     | 1.736     | -0.135    | 2.608 | 0.016     | 0.013     | 0         | 55   | 57.2 | 55.9 | 164        | 171        | 0          | 36     | 38     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 7   | 8    | 2      | 53     | 1.716     | -0.154    | 2.608 | 0.016     | 0.016     | 0         | 54.6 | 57.6 | 56.3 | 164        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 7   | 8    | 12     | 53     | 1.719     | -0.151    | 2.608 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 56.3 | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 8    | 22     | 53     | 1.768     | -0.167    | 2.605 | 0.02      | 0.016     | 0         | 55   | 57.6 | 55   | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 8    | 32     | 53     | 1.722     | -0.03     | 2.608 | 0.016     | 0.013     | 0         | 55   | 57.2 | 55.9 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 8    | 42     | 53     | 1.752     | -0.112    | 2.605 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 55   | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 8    | 52     | 53     | 1.775     | -0.148    | 2.605 | 0.016     | 0.016     | 0         | 55   | 57.2 | 54.6 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 9    | 2      | 53     | 1.749     | -0.157    | 2.605 | 0.016     | 0.016     | 0         | 55   | 56.8 | 55   | 164        | 171        | 0          | 36     | 39     |
| 2009 | 6     | 7   | 9    | 12     | 53     | 1.686     | -0.138    | 2.605 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 55.5 | 165        | 171        | 0          | 38     | 38     |
| 2009 | 6     | 7   | 9    | 22     | 53     | 1.739     | -0.105    | 2.605 | 0.02      | 0.016     | 0         | 54.6 | 57.6 | 55.5 | 164        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 7   | 9    | 32     | 53     | 1.726     | -0.128    | 2.605 | 0.016     | 0.016     | 0         | 55   | 57.2 | 55.9 | 165        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 9    | 42     | 53     | 1.749     | -0.138    | 2.602 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 55.9 | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 9    | 52     | 53     | 1.706     | -0.141    | 2.602 | 0.016     | 0.016     | 0         | 55   | 57.2 | 55   | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 10   | 2      | 53     | 1.726     | -0.135    | 2.602 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 55.5 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 10   | 12     | 53     | 1.781     | -0.102    | 2.602 | 0.016     | 0.016     | 0         | 54.6 | 57.6 | 54.6 | 164        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 7   | 10   | 22     | 53     | 1.732     | -0.177    | 2.602 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 55.5 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 10   | 32     | 53     | 1.775     | -0.052    | 2.598 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 55.5 | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 10   | 42     | 53     | 1.749     | -0.164    | 2.598 | 0.02      | 0.016     | 0         | 55.5 | 57.2 | 55.5 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 10   | 52     | 53     | 1.755     | -0.125    | 2.598 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 55.5 | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 11   | 2      | 53     | 1.742     | -0.138    | 2.595 | 0.02      | 0.016     | 0         | 55   | 57.2 | 55.5 | 165        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 11   | 12     | 53     | 1.736     | -0.069    | 2.595 | 0.02      | 0.016     | 0         | 55   | 57.2 | 55.9 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 11   | 22     | 53     | 1.742     | -0.128    | 2.598 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 54.2 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 11   | 32     | 53     | 1.755     | -0.19     | 2.598 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 55.9 | 164        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 11   | 42     | 53     | 1.768     | -0.19     | 2.595 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 55.5 | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 11   | 52     | 53     | 1.742     | -0.115    | 2.595 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 55   | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 12   | 2      | 53     | 1.742     | -0.125    | 2.598 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 55   | 164        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 12   | 12     | 53     | 1.706     | -0.164    | 2.595 | 0.016     | 0.013     | 0         | 54.6 | 57.6 | 55.5 | 164        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 7   | 12   | 22     | 53     | 1.719     | -0.128    | 2.595 | 0.016     | 0.016     | 0         | 55   | 56.8 | 57.6 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 12   | 32     | 53     | 1.755     | -0.095    | 2.598 | 0.016     | 0.016     | 0         | 55   | 56.8 | 55   | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 12   | 42     | 53     | 1.745     | -0.148    | 2.595 | 0.016     | 0.016     | 0         | 55   | 56.8 | 55   | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 12   | 52     | 53     | 1.719     | -0.128    | 2.595 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 55.5 | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 13   | 2      | 53     | 1.749     | -0.2      | 2.595 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 55.9 | 164        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 13   | 12     | 53     | 1.739     | -0.128    | 2.595 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 56.8 | 164        | 170        | 0          | 38     | 38     |
| 2009 | 6     | 7   | 13   | 22     | 53     | 1.745     | -0.138    | 2.595 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 57.2 | 163        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 13   | 32     | 53     | 1.739     | -0.138    | 2.595 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 57.2 | 164        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 13   | 42     | 53     | 1.736     | -0.148    | 2.595 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 55.9 | 163        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 13   | 52     | 53     | 1.739     | -0.079    | 2.595 | 0.016     | 0.013     | 0         | 55   | 56.8 | 57.6 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 14   | 2      | 53     | 1.759     | -0.18     | 2.595 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 54.6 | 164        | 170        | 0          | 37     | 37     |
| 2009 | 6     | 7   | 14   | 12     | 53     | 1.765     | -0.115    | 2.595 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 56.3 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 14   | 22     | 53     | 1.716     | -0.128    | 2.592 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 56.8 | 163        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 14   | 32     | 53     | 1.791     | -0.135    | 2.595 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 56.3 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 14   | 42     | 53     | 1.732     | -0.18     | 2.595 | 0.016     | 0.013     | 0         | 54.6 | 56.3 | 56.8 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 14   | 52     | 53     | 1.732     | -0.121    | 2.595 | 0.016     | 0.016     | 0         | 54.2 | 57.2 | 55.9 | 163        | 170        | 0          | 37     | 37     |
| 2009 | 6     | 7   | 15   | 2      | 53     | 1.755     | -0.18     | 2.592 | 0.02      | 0.016     | 0         | 54.6 | 56.3 | 57.2 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 15   | 12     | 53     | 1.713     | -0.164    | 2.595 | 0.016     | 0.016     | 0         | 54.6 | 56.3 | 56.3 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 15   | 22     | 53     | 1.732     | -0.184    | 2.592 | 0.02      | 0.016     | 0         | 55   | 56.8 | 56.3 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 15   | 32     | 53     | 1.772     | -0.092    | 2.592 | 0.016     | 0.016     | 0         | 54.6 | 56.3 | 56.3 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 15   | 42     | 53     | 1.745     | -0.141    | 2.595 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 58   | 163        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 15   | 52     | 53     | 1.788     | -0.075    | 2.595 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 56.8 | 163        | 169        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 7   | 16   | 2      | 53     | 1.732     | -0.131    | 2.595 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 57.6 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 16   | 12     | 53     | 1.749     | -0.144    | 2.595 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 56.3 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 16   | 22     | 53     | 1.762     | -0.148    | 2.592 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 56.8 | 166        | 172        | 0          | 36     | 36     |
| 2009 | 6     | 7   | 16   | 32     | 53     | 1.755     | -0.108    | 2.595 | 0.02      | 0.016     | 0         | 55.9 | 57.6 | 55.9 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 16   | 42     | 53     | 1.703     | -0.21     | 2.595 | 0.02      | 0.016     | 0         | 55   | 57.6 | 56.8 | 165        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 7   | 16   | 52     | 53     | 1.736     | -0.098    | 2.595 | 0.016     | 0.013     | 0         | 55.5 | 58   | 56.3 | 166        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 7   | 17   | 2      | 53     | 1.762     | -0.138    | 2.595 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 57.6 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 17   | 12     | 53     | 1.765     | -0.148    | 2.595 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 56.8 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 17   | 22     | 53     | 1.706     | -0.108    | 2.595 | 0.016     | 0.016     | 0         | 55   | 57.6 | 58.9 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 17   | 32     | 53     | 1.703     | -0.128    | 2.595 | 0.016     | 0.016     | 0         | 54.6 | 57.6 | 57.2 | 164        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 7   | 17   | 42     | 53     | 1.732     | -0.118    | 2.595 | 0.016     | 0.016     | 0         | 54.6 | 57.6 | 56.3 | 164        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 7   | 17   | 52     | 53     | 1.755     | -0.138    | 2.595 | 0.02      | 0.016     | 0         | 55   | 56.8 | 58.5 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 18   | 2      | 53     | 1.699     | -0.128    | 2.595 | 0.016     | 0.016     | 0         | 55   | 57.2 | 56.3 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 18   | 12     | 53     | 1.768     | -0.148    | 2.595 | 0.02      | 0.016     | 0         | 55   | 56.8 | 56.3 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 18   | 22     | 53     | 1.772     | -0.154    | 2.595 | 0.016     | 0.016     | 0         | 55   | 57.2 | 56.8 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 18   | 32     | 53     | 1.772     | -0.118    | 2.595 | 0.02      | 0.016     | 0         | 55   | 57.2 | 56.3 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 18   | 42     | 53     | 1.752     | -0.115    | 2.595 | 0.016     | 0.016     | 0         | 55   | 57.2 | 56.8 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 18   | 52     | 53     | 1.742     | -0.102    | 2.595 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 57.2 | 164        | 170        | 0          | 37     | 37     |
| 2009 | 6     | 7   | 19   | 2      | 53     | 1.706     | -0.105    | 2.595 | 0.02      | 0.016     | 0         | 55   | 56.8 | 58   | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 19   | 12     | 53     | 1.716     | -0.164    | 2.595 | 0.016     | 0.016     | 0         | 55   | 57.2 | 57.2 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 19   | 22     | 53     | 1.729     | -0.167    | 2.595 | 0.013     | 0.01      | 0         | 55   | 57.2 | 58   | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 19   | 32     | 53     | 1.739     | -0.118    | 2.595 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 57.2 | 164        | 170        | 0          | 37     | 37     |
| 2009 | 6     | 7   | 19   | 42     | 53     | 1.729     | -0.151    | 2.598 | 0.016     | 0.016     | 0         | 55   | 58   | 56.8 | 164        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 7   | 19   | 52     | 53     | 1.719     | -0.098    | 2.595 | 0.016     | 0.016     | 0         | 54.6 | 57.6 | 57.2 | 164        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 7   | 20   | 2      | 53     | 1.709     | -0.164    | 2.598 | 0.02      | 0.016     | 0         | 55   | 57.6 | 58.5 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 20   | 12     | 53     | 1.706     | -0.082    | 2.598 | 0.016     | 0.016     | 0         | 55   | 57.2 | 58   | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 20   | 22     | 53     | 1.752     | -0.148    | 2.598 | 0.016     | 0.016     | 0         | 55   | 57.2 | 57.2 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 20   | 32     | 53     | 1.709     | -0.167    | 2.598 | 0.02      | 0.016     | 0         | 55   | 57.6 | 55.9 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 20   | 42     | 53     | 1.722     | -0.121    | 2.598 | 0.02      | 0.016     | 0         | 55   | 57.6 | 56.8 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 20   | 52     | 53     | 1.739     | -0.141    | 2.598 | 0.02      | 0.016     | 0         | 55   | 57.6 | 56.8 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 21   | 2      | 53     | 1.772     | -0.148    | 2.598 | 0.016     | 0.016     | 0         | 55   | 57.2 | 55.5 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 21   | 12     | 53     | 1.709     | -0.105    | 2.598 | 0.02      | 0.016     | 0         | 55.5 | 57.2 | 57.2 | 164        | 171        | 0          | 35     | 38     |
| 2009 | 6     | 7   | 21   | 22     | 53     | 1.722     | -0.125    | 2.598 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 57.2 | 163        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 7   | 21   | 32     | 53     | 1.739     | -0.161    | 2.598 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 58.5 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 21   | 42     | 53     | 1.699     | -0.184    | 2.598 | 0.016     | 0.016     | 0         | 55   | 57.2 | 57.6 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 21   | 52     | 53     | 1.742     | -0.174    | 2.598 | 0.016     | 0.016     | 0         | 55   | 57.2 | 58.5 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 22   | 2      | 53     | 1.693     | -0.072    | 2.598 | 0.016     | 0.016     | 0         | 54.2 | 57.6 | 58.9 | 163        | 170        | 0          | 37     | 36     |
| 2009 | 6     | 7   | 22   | 12     | 53     | 1.742     | -0.089    | 2.598 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 57.6 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 22   | 22     | 53     | 1.722     | -0.089    | 2.598 | 0.016     | 0.016     | 0         | 55   | 57.2 | 58   | 163        | 170        | 0          | 35     | 37     |
| 2009 | 6     | 7   | 22   | 32     | 53     | 1.719     | -0.21     | 2.598 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 57.2 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 22   | 42     | 53     | 1.693     | -0.161    | 2.598 | 0.02      | 0.016     | 0         | 55   | 57.2 | 57.6 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 22   | 52     | 53     | 1.736     | -0.138    | 2.598 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 57.2 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 23   | 2      | 53     | 1.699     | -0.115    | 2.598 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 57.6 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 23   | 12     | 53     | 1.732     | -0.092    | 2.602 | 0.02      | 0.016     | 0         | 55   | 57.2 | 57.2 | 163        | 170        | 0          | 35     | 37     |
| 2009 | 6     | 7   | 23   | 22     | 53     | 1.732     | -0.102    | 2.602 | 0.016     | 0.016     | 0         | 55   | 57.2 | 57.2 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 7   | 23   | 32     | 53     | 1.775     | -0.141    | 2.602 | 0.02      | 0.016     | 0         | 55   | 56.8 | 57.6 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 7   | 23   | 42     | 53     | 1.722     | -0.164    | 2.602 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 57.2 | 164        | 170        | 0          | 35     | 37     |
| 2009 | 6     | 7   | 23   | 52     | 53     | 1.778     | -0.121    | 2.602 | 0.016     | 0.016     | 0         | 55   | 57.2 | 57.6 | 164        | 170        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 8   | 0    | 2      | 53     | 1.755     | -0.105    | 2.602 | 0.016     | 0.016     | 0         | 54.6 | 57.6 | 58   | 164        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 8   | 0    | 12     | 53     | 1.736     | -0.141    | 2.602 | 0.016     | 0.016     | 0         | 55   | 57.2 | 56.8 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 0    | 22     | 53     | 1.742     | -0.121    | 2.598 | 0.02      | 0.016     | 0         | 55   | 57.2 | 57.6 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 0    | 32     | 53     | 1.752     | -0.151    | 2.598 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 56.8 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 0    | 42     | 53     | 1.736     | -0.157    | 2.602 | 0.02      | 0.016     | 0         | 55.5 | 57.2 | 55.9 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 0    | 52     | 53     | 1.709     | -0.144    | 2.602 | 0.02      | 0.016     | 0         | 55.5 | 57.2 | 55   | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 1    | 2      | 53     | 1.742     | -0.141    | 2.602 | 0.02      | 0.016     | 0         | 55   | 57.6 | 55.5 | 165        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 8   | 1    | 12     | 53     | 1.762     | -0.161    | 2.602 | 0.02      | 0.016     | 0         | 55.5 | 58   | 55.5 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 1    | 22     | 53     | 1.749     | -0.171    | 2.602 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 55.5 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 1    | 32     | 53     | 1.722     | -0.141    | 2.602 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 56.3 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 1    | 42     | 53     | 1.745     | -0.102    | 2.602 | 0.02      | 0.016     | 0         | 55   | 57.6 | 55.5 | 165        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 8   | 1    | 52     | 53     | 1.709     | -0.141    | 2.602 | 0.016     | 0.016     | 0         | 55.5 | 58   | 55.5 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 2    | 2      | 53     | 1.762     | -0.161    | 2.602 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 54.6 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 2    | 12     | 53     | 1.755     | -0.092    | 2.602 | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 55.5 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 2    | 22     | 53     | 1.739     | -0.174    | 2.605 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 55.9 | 165        | 172        | 0          | 35     | 38     |
| 2009 | 6     | 8   | 2    | 32     | 53     | 1.739     | -0.125    | 2.602 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 56.3 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 2    | 42     | 53     | 1.749     | -0.135    | 2.602 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 54.6 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 2    | 52     | 53     | 1.742     | -0.118    | 2.602 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 55.5 | 166        | 172        | 0          | 36     | 36     |
| 2009 | 6     | 8   | 3    | 2      | 53     | 1.768     | -0.135    | 2.605 | 0.016     | 0.016     | 0         | 55.5 | 58.5 | 55.5 | 165        | 172        | 0          | 36     | 36     |
| 2009 | 6     | 8   | 3    | 12     | 53     | 1.706     | -0.112    | 2.605 | 0.016     | 0.013     | 0         | 55.9 | 57.6 | 55   | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 3    | 22     | 53     | 1.745     | -0.151    | 2.605 | 0.02      | 0.016     | 0         | 55.5 | 58   | 55   | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 3    | 32     | 53     | 1.713     | -0.161    | 2.605 | 0.02      | 0.016     | 0         | 55.9 | 57.6 | 53.8 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 3    | 42     | 53     | 1.785     | -0.184    | 2.608 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 55.9 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 3    | 52     | 53     | 1.768     | -0.092    | 2.608 | 0.02      | 0.016     | 0         | 55.9 | 58   | 53.8 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 4    | 2      | 53     | 1.739     | -0.128    | 2.608 | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 54.2 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 4    | 12     | 53     | 1.755     | -0.161    | 2.608 | 0.02      | 0.016     | 0         | 55.9 | 58   | 53.8 | 166        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 4    | 22     | 53     | 1.772     | -0.144    | 2.608 | 0.02      | 0.016     | 0         | 55.9 | 57.6 | 54.2 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 4    | 32     | 53     | 1.742     | -0.207    | 2.612 | 0.016     | 0.016     | 0         | 55.9 | 58   | 54.2 | 166        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 4    | 42     | 53     | 1.732     | -0.135    | 2.612 | 0.016     | 0.013     | 0         | 55.9 | 58   | 55.9 | 166        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 4    | 52     | 53     | 1.729     | -0.154    | 2.612 | 0.016     | 0.016     | 0         | 55.9 | 58   | 55.5 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 5    | 2      | 53     | 1.778     | -0.19     | 2.612 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 54.2 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 5    | 12     | 53     | 1.765     | -0.184    | 2.612 | 0.02      | 0.016     | 0         | 55.9 | 58   | 54.6 | 166        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 5    | 22     | 53     | 1.755     | -0.144    | 2.615 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 55.5 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 5    | 32     | 53     | 1.739     | -0.112    | 2.612 | 0.016     | 0.016     | 0         | 56.3 | 58.9 | 55.5 | 167        | 174        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 5    | 42     | 53     | 1.768     | -0.151    | 2.615 | 0.02      | 0.016     | 0         | 56.3 | 58.5 | 54.6 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 5    | 52     | 53     | 1.775     | -0.157    | 2.615 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 54.6 | 167        | 174        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 6    | 2      | 53     | 1.719     | -0.085    | 2.615 | 0.026     | 0.023     | 0         | 56.3 | 58   | 54.2 | 167        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 6    | 12     | 53     | 1.693     | -0.164    | 2.615 | 0.016     | 0.016     | 0         | 56.3 | 58   | 55   | 167        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 6    | 22     | 53     | 1.752     | -0.131    | 2.615 | 0.02      | 0.016     | 0         | 56.3 | 58.5 | 55.5 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 6    | 32     | 53     | 1.752     | -0.18     | 2.615 | 0.02      | 0.016     | 0         | 56.3 | 58.5 | 56.3 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 6    | 42     | 53     | 1.752     | -0.125    | 2.618 | 0.016     | 0.016     | 0         | 55.5 | 58   | 55   | 166        | 173        | 0          | 37     | 38     |
| 2009 | 6     | 8   | 6    | 52     | 53     | 1.762     | -0.075    | 2.618 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 56.3 | 166        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 8   | 7    | 2      | 53     | 1.716     | -0.167    | 2.615 | 0.016     | 0.013     | 0         | 55   | 58   | 56.8 | 165        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 8   | 7    | 12     | 53     | 1.722     | -0.171    | 2.618 | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 56.8 | 166        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 8   | 7    | 22     | 53     | 1.765     | -0.138    | 2.618 | 0.02      | 0.016     | 0         | 55   | 57.6 | 56.8 | 165        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 8   | 7    | 32     | 53     | 1.706     | -0.089    | 2.618 | 0.02      | 0.016     | 0         | 55.5 | 58   | 56.3 | 166        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 8   | 7    | 42     | 53     | 1.726     | -0.164    | 2.618 | 0.016     | 0.013     | 0         | 55.9 | 58   | 56.3 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 7    | 52     | 53     | 1.778     | -0.128    | 2.618 | 0.016     | 0.013     | 0         | 55.9 | 57.6 | 56.3 | 166        | 172        | 0          | 36     | 38     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 8   | 8    | 2      | 53     | 1.716     | -0.161    | 2.618 | 0.02      | 0.016     | 0         | 55.9 | 57.6 | 57.6 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 8    | 12     | 53     | 1.745     | -0.157    | 2.618 | 0.016     | 0.016     | 0         | 55.5 | 58   | 57.2 | 166        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 8   | 8    | 22     | 53     | 1.755     | -0.171    | 2.618 | 0.016     | 0.016     | 0         | 55.5 | 58   | 57.2 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 8    | 32     | 53     | 1.765     | -0.157    | 2.618 | 0.02      | 0.016     | 0         | 55.5 | 58   | 57.2 | 166        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 8   | 8    | 42     | 53     | 1.781     | -0.128    | 2.618 | 0.023     | 0.02      | 0         | 55.5 | 58   | 57.2 | 166        | 173        | 0          | 37     | 38     |
| 2009 | 6     | 8   | 8    | 52     | 53     | 1.716     | -0.125    | 2.618 | 0.016     | 0.013     | 0         | 55.9 | 57.6 | 56.8 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 9    | 2      | 53     | 1.742     | -0.2      | 2.618 | 0.016     | 0.013     | 0         | 55.5 | 58   | 58   | 166        | 173        | 0          | 37     | 38     |
| 2009 | 6     | 8   | 9    | 12     | 53     | 1.745     | -0.167    | 2.618 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 58   | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 9    | 22     | 53     | 1.745     | -0.141    | 2.618 | 0.016     | 0.016     | 0         | 55.9 | 58   | 57.2 | 166        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 9    | 32     | 53     | 1.719     | -0.102    | 2.618 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 57.6 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 9    | 42     | 53     | 1.755     | -0.131    | 2.618 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 57.2 | 166        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 8   | 9    | 52     | 53     | 1.729     | -0.128    | 2.618 | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 57.2 | 166        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 8   | 10   | 2      | 53     | 1.732     | -0.18     | 2.618 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 56.3 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 10   | 12     | 53     | 1.742     | -0.098    | 2.618 | 0.016     | 0.016     | 0         | 55.9 | 58   | 58   | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 10   | 22     | 53     | 1.752     | -0.157    | 2.618 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 57.6 | 166        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 8   | 10   | 32     | 53     | 1.749     | -0.118    | 2.618 | 0.016     | 0.016     | 0         | 55.5 | 58   | 56.3 | 166        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 8   | 10   | 42     | 53     | 1.719     | -0.187    | 2.618 | 0.02      | 0.016     | 0         | 55   | 58   | 58.5 | 165        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 8   | 10   | 52     | 53     | 1.768     | -0.167    | 2.618 | 0.016     | 0.013     | 0         | 55   | 57.6 | 56.8 | 165        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 8   | 11   | 2      | 53     | 1.752     | -0.18     | 2.618 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 57.2 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 11   | 12     | 53     | 1.729     | -0.141    | 2.618 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 58   | 166        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 8   | 11   | 22     | 53     | 1.745     | -0.112    | 2.618 | 0.016     | 0.013     | 0         | 55.5 | 58   | 58.5 | 166        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 8   | 11   | 32     | 53     | 1.749     | -0.085    | 2.618 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 58.5 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 11   | 42     | 53     | 1.765     | -0.059    | 2.618 | 0.016     | 0.013     | 0         | 55   | 57.6 | 57.6 | 165        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 8   | 11   | 52     | 53     | 1.749     | -0.164    | 2.618 | 0.02      | 0.016     | 0         | 55   | 57.6 | 58   | 165        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 8   | 12   | 2      | 53     | 1.716     | -0.138    | 2.618 | 0.016     | 0.016     | 0         | 55.5 | 58   | 57.2 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 12   | 12     | 53     | 1.749     | -0.171    | 2.618 | 0.016     | 0.016     | 0         | 55.5 | 58   | 57.2 | 166        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 8   | 12   | 22     | 53     | 1.739     | -0.095    | 2.618 | 0.016     | 0.016     | 0         | 55   | 57.2 | 58   | 165        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 8   | 12   | 32     | 53     | 1.765     | -0.167    | 2.618 | 0.016     | 0.016     | 0         | 56.8 | 58.5 | 56.8 | 168        | 174        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 12   | 42     | 53     | 1.719     | -0.128    | 2.621 | 0.016     | 0.016     | 0         | 55.9 | 58   | 57.6 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 12   | 52     | 53     | 1.762     | -0.138    | 2.621 | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 57.2 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 13   | 2      | 53     | 1.791     | -0.102    | 2.618 | 0.02      | 0.016     | 0         | 55   | 57.2 | 57.6 | 165        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 8   | 13   | 12     | 53     | 1.716     | -0.131    | 2.621 | 0.016     | 0.016     | 0         | 55   | 57.2 | 58   | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 13   | 22     | 53     | 1.726     | -0.131    | 2.621 | 0.016     | 0.016     | 0         | 55   | 57.6 | 56.8 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 13   | 32     | 53     | 1.703     | -0.108    | 2.621 | 0.016     | 0.013     | 0         | 55   | 57.2 | 56.8 | 165        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 8   | 13   | 42     | 53     | 1.759     | -0.121    | 2.621 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 56.3 | 167        | 173        | 0          | 37     | 37     |
| 2009 | 6     | 8   | 13   | 52     | 53     | 1.722     | -0.167    | 2.621 | 0.016     | 0.016     | 0         | 55.9 | 58   | 58   | 167        | 173        | 0          | 37     | 38     |
| 2009 | 6     | 8   | 14   | 2      | 53     | 1.716     | -0.118    | 2.621 | 0.02      | 0.016     | 0         | 55   | 57.6 | 57.6 | 165        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 8   | 14   | 12     | 53     | 1.732     | -0.148    | 2.621 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 56.8 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 14   | 22     | 53     | 1.759     | -0.157    | 2.621 | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 55.9 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 14   | 32     | 53     | 1.752     | -0.075    | 2.621 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 55.9 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 14   | 42     | 53     | 1.739     | -0.121    | 2.621 | 0.016     | 0.016     | 0         | 55   | 57.2 | 57.2 | 165        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 8   | 14   | 52     | 53     | 1.762     | -0.105    | 2.621 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 57.2 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 15   | 2      | 53     | 1.765     | -0.121    | 2.621 | 0.016     | 0.016     | 0         | 55.5 | 58   | 56.3 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 15   | 12     | 53     | 1.749     | -0.18     | 2.621 | 0.02      | 0.016     | 0         | 55.5 | 58.5 | 55.9 | 166        | 173        | 0          | 37     | 37     |
| 2009 | 6     | 8   | 15   | 22     | 53     | 1.709     | -0.066    | 2.621 | 0.02      | 0.016     | 0         | 55.5 | 58   | 55.9 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 15   | 32     | 53     | 1.716     | -0.098    | 2.621 | 0.016     | 0.016     | 0         | 54.6 | 57.6 | 56.3 | 164        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 8   | 15   | 42     | 53     | 1.749     | -0.059    | 2.621 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 55.9 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 15   | 52     | 53     | 1.732     | -0.161    | 2.621 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 56.3 | 165        | 171        | 0          | 36     | 38     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 8   | 16   | 2      | 53     | 1.716     | -0.085    | 2.621 | 0.02      | 0.016     | 0         | 55.5 | 57.2 | 56.3 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 16   | 12     | 53     | 1.736     | -0.121    | 2.621 | 0.02      | 0.016     | 0         | 55   | 57.2 | 57.6 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 16   | 22     | 53     | 1.762     | -0.102    | 2.618 | 0.013     | 0.01      | 0         | 54.6 | 57.6 | 56.3 | 164        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 8   | 16   | 32     | 53     | 1.742     | -0.085    | 2.618 | 0.02      | 0.016     | 0         | 55   | 57.2 | 56.3 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 16   | 42     | 53     | 1.709     | -0.062    | 2.621 | 0.016     | 0.013     | 0         | 55.5 | 57.2 | 55.5 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 16   | 52     | 53     | 1.775     | -0.079    | 2.621 | 0.016     | 0.013     | 0         | 55   | 57.2 | 57.6 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 17   | 2      | 53     | 1.713     | -0.141    | 2.618 | 0.016     | 0.016     | 0         | 55   | 56.8 | 55.9 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 17   | 12     | 53     | 1.755     | -0.092    | 2.621 | 0.02      | 0.016     | 0         | 55   | 56.8 | 57.2 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 17   | 22     | 53     | 1.739     | -0.098    | 2.618 | 0.016     | 0.013     | 0         | 55   | 57.6 | 55.5 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 17   | 32     | 53     | 1.742     | -0.115    | 2.618 | 0.02      | 0.016     | 0         | 55.5 | 56.8 | 56.3 | 164        | 170        | 0          | 35     | 38     |
| 2009 | 6     | 8   | 17   | 42     | 53     | 1.739     | -0.161    | 2.618 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 56.8 | 164        | 170        | 0          | 37     | 37     |
| 2009 | 6     | 8   | 17   | 52     | 53     | 1.732     | -0.141    | 2.618 | 0.016     | 0.016     | 0         | 56.8 | 58.5 | 54.6 | 167        | 173        | 0          | 35     | 37     |
| 2009 | 6     | 8   | 18   | 2      | 53     | 1.742     | -0.098    | 2.618 | 0.016     | 0.013     | 0         | 56.8 | 58.9 | 55   | 168        | 174        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 18   | 12     | 53     | 1.739     | -0.131    | 2.618 | 0.02      | 0.016     | 0         | 55.9 | 58.5 | 56.3 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 18   | 22     | 53     | 1.768     | -0.138    | 2.618 | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 57.6 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 18   | 32     | 53     | 1.703     | -0.138    | 2.621 | 0.02      | 0.016     | 0         | 55   | 57.2 | 55.9 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 18   | 42     | 53     | 1.759     | -0.128    | 2.618 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 55.9 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 18   | 52     | 53     | 1.765     | -0.105    | 2.618 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 55.5 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 19   | 2      | 53     | 1.732     | -0.184    | 2.618 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 56.3 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 19   | 12     | 53     | 1.732     | -0.092    | 2.618 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 55.9 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 19   | 22     | 53     | 1.745     | -0.144    | 2.618 | 0.016     | 0.016     | 0         | 55   | 56.8 | 58   | 163        | 169        | 0          | 35     | 37     |
| 2009 | 6     | 8   | 19   | 32     | 53     | 1.719     | -0.026    | 2.618 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 55.5 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 19   | 42     | 53     | 1.742     | -0.197    | 2.618 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 55.9 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 19   | 52     | 53     | 1.713     | -0.187    | 2.618 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 56.3 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 20   | 2      | 53     | 1.693     | -0.075    | 2.618 | 0.02      | 0.016     | 0         | 55.9 | 57.6 | 54.6 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 20   | 12     | 53     | 1.768     | -0.138    | 2.618 | 0.02      | 0.016     | 0         | 55.9 | 58   | 54.6 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 20   | 22     | 53     | 1.745     | -0.18     | 2.618 | 0.016     | 0.016     | 0         | 55   | 57.2 | 55.5 | 165        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 8   | 20   | 32     | 53     | 1.729     | -0.148    | 2.615 | 0.016     | 0.016     | 0         | 55   | 57.6 | 55.9 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 20   | 42     | 53     | 1.749     | -0.167    | 2.615 | 0.016     | 0.016     | 0         | 55   | 57.2 | 55.5 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 20   | 52     | 53     | 1.719     | -0.131    | 2.618 | 0.02      | 0.016     | 0         | 54.6 | 57.6 | 55   | 163        | 170        | 0          | 36     | 36     |
| 2009 | 6     | 8   | 21   | 2      | 53     | 1.732     | -0.174    | 2.615 | 0.016     | 0.013     | 0         | 54.2 | 56.8 | 55.9 | 163        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 8   | 21   | 12     | 53     | 1.775     | -0.164    | 2.618 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 55.9 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 8   | 21   | 22     | 53     | 1.739     | -0.171    | 2.615 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 55.9 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 21   | 32     | 53     | 1.752     | -0.089    | 2.615 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 56.3 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 21   | 42     | 53     | 1.745     | -0.174    | 2.615 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 55.5 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 21   | 52     | 53     | 1.759     | -0.157    | 2.615 | 0.02      | 0.016     | 0         | 55   | 56.8 | 55.9 | 163        | 169        | 0          | 35     | 37     |
| 2009 | 6     | 8   | 22   | 2      | 53     | 1.716     | -0.151    | 2.615 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 55.5 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 22   | 12     | 53     | 1.752     | -0.141    | 2.615 | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 55.9 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 22   | 22     | 53     | 1.719     | -0.138    | 2.615 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 56.8 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 22   | 32     | 53     | 1.713     | -0.167    | 2.612 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 56.8 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 22   | 42     | 53     | 1.722     | -0.121    | 2.615 | 0.016     | 0.016     | 0         | 55   | 56.8 | 56.3 | 163        | 169        | 0          | 35     | 37     |
| 2009 | 6     | 8   | 22   | 52     | 53     | 1.765     | -0.151    | 2.612 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 56.3 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 23   | 2      | 53     | 1.762     | -0.141    | 2.612 | 0.016     | 0.013     | 0         | 55   | 56.8 | 56.3 | 163        | 169        | 0          | 35     | 37     |
| 2009 | 6     | 8   | 23   | 12     | 53     | 1.713     | -0.154    | 2.608 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 56.8 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 23   | 22     | 53     | 1.749     | -0.148    | 2.608 | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 55   | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 23   | 32     | 53     | 1.775     | -0.118    | 2.612 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 55.9 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 23   | 42     | 53     | 1.729     | -0.171    | 2.608 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 54.6 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 8   | 23   | 52     | 53     | 1.752     | -0.148    | 2.608 | 0.016     | 0.016     | 0         | 55   | 56.8 | 57.2 | 163        | 170        | 0          | 35     | 38     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 9   | 0    | 2      | 53     | 1.722     | -0.148    | 2.608 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 56.3 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 0    | 12     | 53     | 1.716     | -0.167    | 2.608 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 55   | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 9   | 0    | 22     | 53     | 1.745     | -0.154    | 2.608 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 55.9 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 0    | 32     | 53     | 1.732     | -0.098    | 2.608 | 0.02      | 0.016     | 0         | 54.6 | 57.6 | 56.3 | 163        | 170        | 0          | 36     | 36     |
| 2009 | 6     | 9   | 0    | 42     | 53     | 1.759     | -0.102    | 2.605 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 55   | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 0    | 52     | 53     | 1.788     | -0.098    | 2.605 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 55.9 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 1    | 2      | 53     | 1.768     | -0.18     | 2.605 | 0.02      | 0.016     | 0         | 55   | 57.2 | 56.3 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 1    | 12     | 53     | 1.706     | -0.174    | 2.605 | 0.02      | 0.016     | 0         | 55   | 57.6 | 56.3 | 164        | 170        | 0          | 36     | 36     |
| 2009 | 6     | 9   | 1    | 22     | 53     | 1.667     | -0.095    | 2.605 | 0.02      | 0.016     | 0         | 55   | 57.2 | 57.2 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 1    | 32     | 53     | 1.716     | -0.098    | 2.605 | 0.016     | 0.016     | 0         | 55   | 57.2 | 56.8 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 1    | 42     | 53     | 1.732     | -0.157    | 2.605 | 0.02      | 0.016     | 0         | 55   | 58   | 55.9 | 164        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 9   | 1    | 52     | 53     | 1.732     | -0.108    | 2.605 | 0.02      | 0.016     | 0         | 55.5 | 57.2 | 56.3 | 164        | 171        | 0          | 35     | 38     |
| 2009 | 6     | 9   | 2    | 2      | 53     | 1.739     | -0.138    | 2.605 | 0.016     | 0.016     | 0         | 55   | 57.6 | 56.8 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 2    | 12     | 53     | 1.719     | -0.089    | 2.602 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 56.8 | 164        | 171        | 0          | 35     | 37     |
| 2009 | 6     | 9   | 2    | 22     | 53     | 1.749     | -0.121    | 2.602 | 0.02      | 0.016     | 0         | 55   | 57.6 | 56.3 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 2    | 32     | 53     | 1.703     | -0.144    | 2.602 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 56.3 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 2    | 42     | 53     | 1.759     | -0.121    | 2.602 | 0.016     | 0.016     | 0         | 55   | 57.2 | 56.3 | 165        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 9   | 2    | 52     | 53     | 1.706     | -0.118    | 2.602 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 57.2 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 3    | 2      | 53     | 1.732     | -0.161    | 2.602 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 56.8 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 3    | 12     | 53     | 1.729     | -0.171    | 2.602 | 0.02      | 0.016     | 0         | 55.5 | 58   | 56.3 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 3    | 22     | 53     | 1.739     | -0.092    | 2.598 | 0.016     | 0.013     | 0         | 55.9 | 58   | 58.5 | 165        | 172        | 0          | 35     | 37     |
| 2009 | 6     | 9   | 3    | 32     | 53     | 1.759     | -0.151    | 2.598 | 0.02      | 0.016     | 0         | 55.5 | 58   | 56.8 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 3    | 42     | 53     | 1.772     | -0.167    | 2.598 | 0.023     | 0.02      | 0         | 55.5 | 58   | 58   | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 3    | 52     | 53     | 1.765     | -0.184    | 2.598 | 0.02      | 0.016     | 0         | 55.5 | 58   | 56.3 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 4    | 2      | 53     | 1.778     | -0.197    | 2.598 | 0.02      | 0.016     | 0         | 55.5 | 58   | 56.8 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 4    | 12     | 53     | 1.745     | -0.174    | 2.598 | 0.013     | 0.01      | 0         | 55.5 | 58   | 56.3 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 4    | 22     | 53     | 1.749     | -0.108    | 2.598 | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 56.8 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 9   | 4    | 32     | 53     | 1.772     | -0.138    | 2.598 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 58   | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 9   | 4    | 42     | 53     | 1.713     | -0.154    | 2.595 | 0.016     | 0.016     | 0         | 55.5 | 58   | 57.2 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 4    | 52     | 53     | 1.749     | -0.18     | 2.595 | 0.016     | 0.016     | 0         | 55.9 | 58   | 55.9 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 5    | 2      | 53     | 1.739     | -0.203    | 2.595 | 0.016     | 0.013     | 0         | 55.9 | 58   | 57.2 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 5    | 12     | 53     | 1.742     | -0.079    | 2.595 | 0.016     | 0.016     | 0         | 55.5 | 58   | 56.8 | 166        | 173        | 0          | 37     | 38     |
| 2009 | 6     | 9   | 5    | 22     | 53     | 1.745     | -0.2      | 2.595 | 0.02      | 0.016     | 0         | 55.9 | 58   | 55.9 | 167        | 173        | 0          | 37     | 38     |
| 2009 | 6     | 9   | 5    | 32     | 53     | 1.729     | -0.22     | 2.595 | 0.02      | 0.016     | 0         | 55.9 | 58   | 55.5 | 166        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 9   | 5    | 42     | 53     | 1.762     | -0.128    | 2.595 | 0.016     | 0.013     | 0         | 56.3 | 58   | 56.3 | 167        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 9   | 5    | 52     | 53     | 1.749     | -0.098    | 2.595 | 0.023     | 0.02      | 0         | 55.9 | 58.5 | 55.9 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 6    | 2      | 53     | 1.765     | -0.161    | 2.595 | 0.016     | 0.013     | 0         | 55.9 | 58   | 57.2 | 166        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 9   | 6    | 12     | 53     | 1.713     | -0.108    | 2.595 | 0.016     | 0.013     | 0         | 55.9 | 58.5 | 55.9 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 6    | 22     | 53     | 1.709     | -0.161    | 2.592 | 0.016     | 0.016     | 0         | 55.5 | 58.5 | 56.8 | 166        | 173        | 0          | 37     | 37     |
| 2009 | 6     | 9   | 6    | 32     | 53     | 1.736     | -0.108    | 2.592 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 55.9 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 9   | 6    | 42     | 53     | 1.686     | -0.141    | 2.592 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 58   | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 9   | 6    | 52     | 53     | 1.726     | -0.095    | 2.592 | 0.02      | 0.016     | 0         | 55.9 | 58   | 58   | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 7    | 2      | 53     | 1.749     | -0.148    | 2.592 | 0.02      | 0.016     | 0         | 55.5 | 58   | 58   | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 7    | 12     | 53     | 1.759     | -0.18     | 2.592 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 57.6 | 166        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 9   | 7    | 22     | 53     | 1.732     | -0.121    | 2.592 | 0.016     | 0.016     | 0         | 55.9 | 58   | 56.8 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 7    | 32     | 53     | 1.749     | -0.171    | 2.592 | 0.016     | 0.016     | 0         | 55.5 | 58.5 | 55.9 | 166        | 173        | 0          | 37     | 37     |
| 2009 | 6     | 9   | 7    | 42     | 53     | 1.742     | -0.112    | 2.589 | 0.016     | 0.013     | 0         | 55.9 | 58   | 56.3 | 166        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 9   | 7    | 52     | 53     | 1.736     | -0.154    | 2.589 | 0.02      | 0.016     | 0         | 55.9 | 58.5 | 55.5 | 166        | 173        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 9   | 8    | 2      | 53     | 1.752     | -0.138    | 2.589 | 0.016     | 0.016     | 0         | 55.5 | 58   | 56.3 | 166        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 9   | 8    | 12     | 53     | 1.755     | -0.164    | 2.589 | 0.02      | 0.016     | 0         | 55.9 | 58.5 | 58   | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 8    | 22     | 53     | 1.745     | -0.148    | 2.589 | 0.02      | 0.016     | 0         | 55.9 | 58   | 58.5 | 166        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 9   | 8    | 32     | 53     | 1.749     | -0.082    | 2.589 | 0.016     | 0.013     | 0         | 55.9 | 57.6 | 57.2 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 9   | 8    | 42     | 53     | 1.749     | -0.138    | 2.589 | 0.016     | 0.013     | 0         | 55.9 | 58   | 57.6 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 8    | 52     | 53     | 1.67      | -0.069    | 2.589 | 0.016     | 0.013     | 0         | 55.9 | 58   | 58.5 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 9    | 2      | 53     | 1.732     | -0.141    | 2.589 | 0.016     | 0.013     | 0         | 55.5 | 58   | 56.8 | 166        | 173        | 0          | 37     | 38     |
| 2009 | 6     | 9   | 9    | 12     | 53     | 1.729     | -0.098    | 2.589 | 0.016     | 0.013     | 0         | 55.9 | 58   | 57.6 | 167        | 173        | 0          | 37     | 38     |
| 2009 | 6     | 9   | 9    | 22     | 53     | 1.713     | -0.161    | 2.589 | 0.016     | 0.016     | 0         | 55.9 | 58   | 57.6 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 9    | 32     | 53     | 1.713     | -0.161    | 2.589 | 0.016     | 0.013     | 0         | 55.9 | 57.6 | 57.2 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 9   | 9    | 42     | 53     | 1.742     | -0.112    | 2.589 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 56.8 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 9    | 52     | 53     | 1.765     | -0.144    | 2.589 | 0.016     | 0.016     | 0         | 55   | 57.6 | 57.6 | 165        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 9   | 10   | 2      | 53     | 1.736     | -0.138    | 2.585 | 0.016     | 0.013     | 0         | 55.5 | 58   | 56.8 | 166        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 9   | 10   | 12     | 53     | 1.732     | -0.118    | 2.585 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 57.2 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 9   | 10   | 22     | 53     | 1.781     | -0.167    | 2.585 | 0.016     | 0.016     | 0         | 55.9 | 58   | 57.6 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 10   | 32     | 53     | 1.762     | -0.177    | 2.585 | 0.016     | 0.016     | 0         | 55.9 | 58   | 57.2 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 10   | 42     | 53     | 1.729     | -0.223    | 2.585 | 0.02      | 0.016     | 0         | 55.5 | 58.5 | 58.9 | 166        | 173        | 0          | 37     | 37     |
| 2009 | 6     | 9   | 10   | 52     | 53     | 1.713     | -0.112    | 2.585 | 0.02      | 0.016     | 0         | 55.9 | 58   | 57.6 | 166        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 9   | 11   | 2      | 53     | 1.699     | -0.203    | 2.585 | 0.02      | 0.016     | 0         | 55.5 | 58   | 58   | 166        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 9   | 11   | 12     | 53     | 1.709     | -0.066    | 2.585 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 57.2 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 9   | 11   | 22     | 53     | 1.709     | -0.125    | 2.585 | 0.02      | 0.016     | 0         | 55.5 | 58   | 58.5 | 166        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 9   | 11   | 32     | 53     | 1.752     | -0.108    | 2.585 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 58.5 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 9   | 11   | 42     | 53     | 1.749     | -0.092    | 2.585 | 0.02      | 0.016     | 0         | 55.9 | 58   | 56.3 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 11   | 52     | 53     | 1.729     | -0.108    | 2.585 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 57.6 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 9   | 12   | 2      | 53     | 1.762     | -0.161    | 2.585 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 57.6 | 166        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 9   | 12   | 12     | 53     | 1.755     | -0.154    | 2.585 | 0.016     | 0.016     | 0         | 55   | 57.2 | 57.2 | 165        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 9   | 12   | 22     | 53     | 1.742     | -0.148    | 2.582 | 0.02      | 0.016     | 0         | 55.5 | 57.2 | 57.2 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 9   | 12   | 32     | 53     | 1.732     | -0.187    | 2.582 | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 57.2 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 9   | 12   | 42     | 53     | 1.732     | -0.105    | 2.582 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 55.9 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 9   | 12   | 52     | 53     | 1.719     | -0.141    | 2.582 | 0.016     | 0.016     | 0         | 55   | 57.6 | 55   | 165        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 9   | 13   | 2      | 53     | 1.729     | -0.157    | 2.579 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 56.8 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 13   | 12     | 53     | 1.68      | -0.108    | 2.579 | 0.02      | 0.016     | 0         | 55.5 | 58   | 55.5 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 13   | 22     | 53     | 1.686     | -0.184    | 2.579 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 57.2 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 13   | 32     | 53     | 1.732     | -0.118    | 2.579 | 0.02      | 0.016     | 0         | 55   | 57.6 | 56.3 | 165        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 9   | 13   | 42     | 53     | 1.716     | -0.089    | 2.579 | 0.02      | 0.016     | 0         | 58.9 | 60.6 | 52.5 | 173        | 179        | 0          | 36     | 38     |
| 2009 | 6     | 9   | 13   | 52     | 53     | 1.765     | -0.151    | 2.575 | 0.02      | 0.016     | 0         | 57.6 | 59.3 | 52   | 170        | 176        | 0          | 36     | 38     |
| 2009 | 6     | 9   | 14   | 2      | 53     | 1.677     | -0.066    | 2.579 | 0.016     | 0.013     | 0         | 57.6 | 59.8 | 52.9 | 170        | 176        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 14   | 12     | 53     | 1.703     | -0.154    | 2.572 | 0.016     | 0.016     | 0         | 57.6 | 59.3 | 52.9 | 170        | 176        | 0          | 36     | 38     |
| 2009 | 6     | 9   | 14   | 22     | 53     | 1.683     | -0.013    | 2.575 | 0.016     | 0.016     | 0         | 56.8 | 58.9 | 55   | 168        | 175        | 0          | 36     | 38     |
| 2009 | 6     | 9   | 14   | 32     | 53     | 1.709     | -0.003    | 2.572 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 55   | 167        | 174        | 0          | 37     | 38     |
| 2009 | 6     | 9   | 14   | 42     | 53     | 1.693     | -0.161    | 2.572 | 0.016     | 0.016     | 0         | 56.3 | 58   | 55   | 167        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 9   | 14   | 52     | 53     | 1.742     | -0.131    | 2.569 | 0.016     | 0.016     | 0         | 55.9 | 58   | 53.8 | 166        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 9   | 15   | 2      | 53     | 1.703     | -0.089    | 2.572 | 0.023     | 0.02      | 0         | 55.5 | 58   | 55.9 | 166        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 9   | 15   | 12     | 53     | 1.709     | -0.144    | 2.569 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 54.6 | 166        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 9   | 15   | 22     | 53     | 1.722     | -0.115    | 2.569 | 0.02      | 0.016     | 0         | 55.5 | 58   | 54.6 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 15   | 32     | 53     | 1.703     | -0.089    | 2.569 | 0.02      | 0.016     | 0         | 55.9 | 58   | 55.9 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 15   | 42     | 53     | 1.722     | -0.075    | 2.569 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 55.9 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 15   | 52     | 53     | 1.657     | -0.112    | 2.566 | 0.016     | 0.013     | 0         | 55.9 | 58.5 | 55   | 166        | 172        | 0          | 36     | 36     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 9   | 16   | 2      | 53     | 1.745     | -0.112    | 2.569 | 0.016     | 0.016     | 0         | 55.9 | 58   | 57.2 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 16   | 12     | 53     | 1.713     | -0.141    | 2.566 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 55.5 | 166        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 9   | 16   | 22     | 53     | 1.722     | -0.141    | 2.566 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 55.5 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 9   | 16   | 32     | 53     | 1.703     | -0.118    | 2.566 | 0.016     | 0.016     | 0         | 55   | 57.6 | 56.3 | 165        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 9   | 16   | 42     | 53     | 1.673     | -0.102    | 2.566 | 0.016     | 0.016     | 0         | 55.5 | 58   | 55.5 | 165        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 9   | 16   | 52     | 53     | 1.713     | -0.066    | 2.562 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 55.9 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 17   | 2      | 53     | 1.768     | -0.128    | 2.562 | 0.02      | 0.016     | 0         | 55.5 | 58   | 56.8 | 165        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 9   | 17   | 12     | 53     | 1.772     | -0.069    | 2.562 | 0.016     | 0.016     | 0         | 55   | 57.6 | 56.8 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 17   | 22     | 53     | 1.739     | -0.154    | 2.562 | 0.02      | 0.016     | 0         | 55   | 57.6 | 54.6 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 17   | 32     | 53     | 1.722     | -0.144    | 2.562 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 56.8 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 17   | 42     | 53     | 1.749     | -0.098    | 2.562 | 0.016     | 0.013     | 0         | 55.9 | 57.6 | 57.6 | 165        | 171        | 0          | 35     | 37     |
| 2009 | 6     | 9   | 17   | 52     | 53     | 1.719     | -0.115    | 2.562 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 57.2 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 18   | 2      | 53     | 1.772     | -0.138    | 2.562 | 0.02      | 0.016     | 0         | 55   | 57.6 | 56.3 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 18   | 12     | 53     | 1.716     | -0.144    | 2.562 | 0.016     | 0.013     | 0         | 55   | 57.6 | 56.8 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 18   | 22     | 53     | 1.719     | -0.098    | 2.562 | 0.016     | 0.016     | 0         | 55   | 56.8 | 57.2 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 9   | 18   | 32     | 53     | 1.752     | -0.105    | 2.562 | 0.016     | 0.016     | 0         | 55   | 57.6 | 58   | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 18   | 42     | 53     | 1.709     | -0.151    | 2.562 | 0.016     | 0.016     | 0         | 55.9 | 57.2 | 56.8 | 165        | 170        | 0          | 35     | 37     |
| 2009 | 6     | 9   | 18   | 52     | 53     | 1.745     | -0.207    | 2.562 | 0.016     | 0.013     | 0         | 55   | 57.6 | 55   | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 19   | 2      | 53     | 1.722     | -0.138    | 2.562 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 55.9 | 164        | 171        | 0          | 35     | 37     |
| 2009 | 6     | 9   | 19   | 12     | 53     | 1.683     | -0.135    | 2.562 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 58   | 164        | 170        | 0          | 35     | 36     |
| 2009 | 6     | 9   | 19   | 22     | 53     | 1.706     | -0.121    | 2.562 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 58   | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 19   | 32     | 53     | 1.732     | -0.141    | 2.562 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 57.2 | 165        | 172        | 0          | 35     | 36     |
| 2009 | 6     | 9   | 19   | 42     | 53     | 1.716     | -0.161    | 2.562 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 56.8 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 19   | 52     | 53     | 1.749     | -0.203    | 2.562 | 0.02      | 0.016     | 0         | 55   | 57.6 | 58.5 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 20   | 2      | 53     | 1.709     | -0.161    | 2.562 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 57.6 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 20   | 12     | 53     | 1.736     | -0.098    | 2.562 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 58   | 164        | 171        | 0          | 35     | 37     |
| 2009 | 6     | 9   | 20   | 22     | 53     | 1.732     | -0.115    | 2.562 | 0.016     | 0.013     | 0         | 55   | 57.6 | 57.6 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 20   | 32     | 53     | 1.713     | -0.138    | 2.562 | 0.016     | 0.013     | 0         | 55   | 58   | 57.2 | 164        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 9   | 20   | 42     | 53     | 1.745     | -0.171    | 2.562 | 0.016     | 0.013     | 0         | 55   | 57.6 | 57.6 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 20   | 52     | 53     | 1.703     | -0.118    | 2.562 | 0.023     | 0.02      | 0         | 55   | 58   | 56.8 | 164        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 9   | 21   | 2      | 53     | 1.732     | -0.138    | 2.562 | 0.02      | 0.016     | 0         | 55   | 57.6 | 58.5 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 21   | 12     | 53     | 1.739     | -0.118    | 2.562 | 0.016     | 0.016     | 0         | 55   | 57.2 | 56.8 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 21   | 22     | 53     | 1.699     | -0.138    | 2.562 | 0.016     | 0.016     | 0         | 54.6 | 57.6 | 57.2 | 164        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 9   | 21   | 32     | 53     | 1.722     | -0.164    | 2.562 | 0.016     | 0.013     | 0         | 55   | 57.6 | 58   | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 21   | 42     | 53     | 1.68      | -0.171    | 2.562 | 0.02      | 0.016     | 0         | 55   | 57.2 | 58   | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 21   | 52     | 53     | 1.703     | -0.157    | 2.562 | 0.016     | 0.013     | 0         | 55   | 57.2 | 57.6 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 22   | 2      | 53     | 1.759     | -0.128    | 2.562 | 0.016     | 0.016     | 0         | 55   | 56.8 | 56.8 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 9   | 22   | 12     | 53     | 1.709     | -0.161    | 2.562 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 58   | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 22   | 22     | 53     | 1.755     | -0.131    | 2.562 | 0.016     | 0.013     | 0         | 55   | 56.8 | 57.2 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 9   | 22   | 32     | 53     | 1.742     | -0.151    | 2.562 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 56.3 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 22   | 42     | 53     | 1.706     | -0.177    | 2.559 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 58   | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 9   | 22   | 52     | 53     | 1.722     | -0.154    | 2.562 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 58.5 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 23   | 2      | 53     | 1.703     | -0.21     | 2.562 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 57.2 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 23   | 12     | 53     | 1.706     | -0.154    | 2.559 | 0.016     | 0.016     | 0         | 55.5 | 58   | 56.3 | 164        | 171        | 0          | 35     | 36     |
| 2009 | 6     | 9   | 23   | 22     | 53     | 1.729     | -0.167    | 2.559 | 0.023     | 0.02      | 0         | 55   | 57.6 | 57.2 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 23   | 32     | 53     | 1.759     | -0.161    | 2.559 | 0.016     | 0.016     | 0         | 55   | 57.2 | 58   | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 23   | 42     | 53     | 1.755     | -0.154    | 2.562 | 0.02      | 0.016     | 0         | 55   | 57.2 | 57.6 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 9   | 23   | 52     | 53     | 1.759     | -0.141    | 2.559 | 0.016     | 0.016     | 0         | 55   | 57.2 | 58   | 164        | 170        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 10  | 0    | 2      | 53     | 1.732     | -0.131    | 2.559 | 0.016     | 0.016     | 0         | 55   | 57.6 | 58.9 | 164        | 170        | 0          | 36     | 36     |
| 2009 | 6     | 10  | 0    | 12     | 53     | 1.729     | -0.154    | 2.559 | 0.02      | 0.016     | 0         | 55   | 57.2 | 58   | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 0    | 22     | 53     | 1.726     | -0.075    | 2.559 | 0.016     | 0.013     | 0         | 55   | 57.6 | 58.5 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 0    | 32     | 53     | 1.729     | -0.157    | 2.559 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 58   | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 0    | 42     | 53     | 1.706     | -0.184    | 2.559 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 58.9 | 164        | 171        | 0          | 35     | 37     |
| 2009 | 6     | 10  | 0    | 52     | 53     | 1.742     | -0.141    | 2.559 | 0.016     | 0.016     | 0         | 55.9 | 57.2 | 57.2 | 165        | 171        | 0          | 35     | 38     |
| 2009 | 6     | 10  | 1    | 2      | 53     | 1.742     | -0.118    | 2.559 | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 58.9 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 1    | 12     | 53     | 1.759     | -0.043    | 2.559 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 57.2 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 1    | 22     | 53     | 1.736     | -0.197    | 2.559 | 0.016     | 0.013     | 0         | 55.5 | 58   | 56.8 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 1    | 32     | 53     | 1.745     | -0.125    | 2.559 | 0.016     | 0.016     | 0         | 55.9 | 58   | 57.6 | 165        | 172        | 0          | 35     | 37     |
| 2009 | 6     | 10  | 1    | 42     | 53     | 1.716     | -0.115    | 2.559 | 0.016     | 0.016     | 0         | 55.5 | 58   | 57.6 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 1    | 52     | 53     | 1.722     | -0.059    | 2.559 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 58.9 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 2    | 2      | 53     | 1.752     | -0.167    | 2.559 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 57.2 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 2    | 12     | 53     | 1.706     | -0.128    | 2.556 | 0.02      | 0.016     | 0         | 55.5 | 58   | 56.8 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 2    | 22     | 53     | 1.706     | -0.075    | 2.556 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 57.6 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 2    | 32     | 53     | 1.719     | -0.18     | 2.556 | 0.016     | 0.016     | 0         | 55.9 | 58   | 57.2 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 2    | 42     | 53     | 1.716     | -0.108    | 2.556 | 0.02      | 0.016     | 0         | 55.9 | 57.6 | 57.2 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 2    | 52     | 53     | 1.719     | -0.135    | 2.556 | 0.016     | 0.016     | 0         | 55.5 | 58   | 56.3 | 166        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 10  | 3    | 2      | 53     | 1.722     | -0.141    | 2.556 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 56.3 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 3    | 12     | 53     | 1.749     | -0.108    | 2.556 | 0.016     | 0.013     | 0         | 55.9 | 57.6 | 56.3 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 3    | 22     | 53     | 1.713     | -0.105    | 2.556 | 0.02      | 0.016     | 0         | 55.5 | 58.5 | 56.3 | 166        | 172        | 0          | 37     | 36     |
| 2009 | 6     | 10  | 3    | 32     | 53     | 1.722     | -0.115    | 2.556 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 57.6 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 3    | 42     | 53     | 1.755     | -0.118    | 2.556 | 0.02      | 0.016     | 0         | 55.9 | 58   | 57.2 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 3    | 52     | 53     | 1.713     | -0.079    | 2.556 | 0.016     | 0.013     | 0         | 55.9 | 58   | 57.2 | 166        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 4    | 2      | 53     | 1.726     | -0.121    | 2.556 | 0.016     | 0.016     | 0         | 55.5 | 58.5 | 56.3 | 166        | 173        | 0          | 37     | 37     |
| 2009 | 6     | 10  | 4    | 12     | 53     | 1.752     | -0.141    | 2.556 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 58.5 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 4    | 22     | 53     | 1.768     | -0.125    | 2.556 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 56.3 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 4    | 32     | 53     | 1.732     | -0.207    | 2.556 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 57.2 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 4    | 42     | 53     | 1.716     | -0.18     | 2.552 | 0.02      | 0.016     | 0         | 55.9 | 58   | 57.2 | 166        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 4    | 52     | 53     | 1.719     | -0.131    | 2.552 | 0.016     | 0.013     | 0         | 56.3 | 58   | 55.5 | 166        | 173        | 0          | 35     | 38     |
| 2009 | 6     | 10  | 5    | 2      | 53     | 1.716     | -0.154    | 2.552 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 58   | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 5    | 12     | 53     | 1.716     | -0.112    | 2.552 | 0.02      | 0.016     | 0         | 55.9 | 58.5 | 56.3 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 5    | 22     | 53     | 1.732     | -0.125    | 2.552 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 55.9 | 167        | 173        | 0          | 37     | 37     |
| 2009 | 6     | 10  | 5    | 32     | 53     | 1.726     | -0.121    | 2.552 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 56.3 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 5    | 42     | 53     | 1.736     | -0.174    | 2.552 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 55.5 | 167        | 174        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 5    | 52     | 53     | 1.729     | -0.092    | 2.552 | 0.016     | 0.016     | 0         | 56.8 | 58   | 57.2 | 167        | 173        | 0          | 35     | 38     |
| 2009 | 6     | 10  | 6    | 2      | 53     | 1.719     | -0.079    | 2.552 | 0.02      | 0.016     | 0         | 55.9 | 58.5 | 57.6 | 167        | 173        | 0          | 37     | 37     |
| 2009 | 6     | 10  | 6    | 12     | 53     | 1.722     | -0.148    | 2.552 | 0.016     | 0.016     | 0         | 55.5 | 58.5 | 58   | 166        | 173        | 0          | 37     | 37     |
| 2009 | 6     | 10  | 6    | 22     | 53     | 1.759     | -0.092    | 2.552 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 56.3 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 6    | 32     | 53     | 1.722     | -0.108    | 2.552 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 57.6 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 6    | 42     | 53     | 1.736     | -0.108    | 2.552 | 0.016     | 0.013     | 0         | 55.9 | 58   | 57.6 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 6    | 52     | 53     | 1.69      | -0.125    | 2.552 | 0.016     | 0.016     | 0         | 55.9 | 58   | 56.8 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 7    | 2      | 53     | 1.732     | -0.079    | 2.552 | 0.016     | 0.016     | 0         | 55.9 | 58   | 57.2 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 7    | 12     | 53     | 1.722     | -0.105    | 2.552 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 57.2 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 7    | 22     | 53     | 1.762     | -0.138    | 2.549 | 0.016     | 0.013     | 0         | 55.9 | 57.6 | 57.6 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 7    | 32     | 53     | 1.693     | -0.108    | 2.549 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 56.8 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 7    | 42     | 53     | 1.745     | -0.102    | 2.549 | 0.02      | 0.016     | 0         | 56.3 | 58   | 56.3 | 167        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 7    | 52     | 53     | 1.729     | -0.141    | 2.549 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 57.2 | 166        | 173        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 10  | 8    | 2      | 53     | 1.709     | -0.089    | 2.549 | 0.016     | 0.013     | 0         | 55.5 | 58   | 57.2 | 166        | 173        | 0          | 37     | 38     |
| 2009 | 6     | 10  | 8    | 12     | 53     | 1.739     | -0.161    | 2.549 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 58.5 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 8    | 22     | 53     | 1.729     | -0.141    | 2.549 | 0.02      | 0.016     | 0         | 55.9 | 58   | 57.6 | 166        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 8    | 32     | 53     | 1.709     | -0.098    | 2.549 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 58.9 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 8    | 42     | 53     | 1.736     | -0.154    | 2.549 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 57.2 | 166        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 10  | 8    | 52     | 53     | 1.719     | -0.144    | 2.549 | 0.023     | 0.02      | 0         | 55.9 | 58   | 58.9 | 166        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 9    | 2      | 53     | 1.742     | -0.092    | 2.549 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 56.3 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 9    | 12     | 53     | 1.742     | -0.092    | 2.549 | 0.016     | 0.016     | 0         | 55.9 | 58   | 57.2 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 9    | 22     | 53     | 1.742     | -0.148    | 2.549 | 0.016     | 0.016     | 0         | 55.9 | 58   | 58   | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 9    | 32     | 53     | 1.736     | -0.108    | 2.549 | 0.02      | 0.016     | 0         | 55.9 | 58   | 56.8 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 9    | 42     | 53     | 1.729     | -0.135    | 2.549 | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 58   | 166        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 10  | 9    | 52     | 53     | 1.749     | -0.138    | 2.549 | 0.016     | 0.013     | 0         | 55.9 | 57.6 | 57.2 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 10   | 2      | 53     | 1.742     | -0.098    | 2.549 | 0.02      | 0.016     | 0         | 55.5 | 58   | 57.6 | 166        | 173        | 0          | 37     | 38     |
| 2009 | 6     | 10  | 10   | 12     | 53     | 1.713     | -0.131    | 2.549 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 57.2 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 10   | 22     | 53     | 1.736     | -0.105    | 2.549 | 0.016     | 0.013     | 0         | 56.3 | 58.5 | 55.5 | 166        | 173        | 0          | 35     | 37     |
| 2009 | 6     | 10  | 10   | 32     | 53     | 1.713     | -0.075    | 2.549 | 0.02      | 0.016     | 0         | 55.5 | 58   | 57.6 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 10   | 42     | 53     | 1.772     | -0.177    | 2.549 | 0.016     | 0.016     | 0         | 56.3 | 58   | 58   | 166        | 172        | 0          | 35     | 37     |
| 2009 | 6     | 10  | 10   | 52     | 53     | 1.722     | -0.102    | 2.549 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 58.5 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 11   | 2      | 53     | 1.696     | -0.056    | 2.549 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 57.2 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 11   | 12     | 53     | 1.732     | -0.095    | 2.549 | 0.016     | 0.013     | 0         | 55   | 57.6 | 57.6 | 165        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 10  | 11   | 22     | 53     | 1.673     | -0.161    | 2.549 | 0.023     | 0.02      | 0         | 55.5 | 57.6 | 58   | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 11   | 32     | 53     | 1.703     | -0.121    | 2.549 | 0.02      | 0.016     | 0         | 55.5 | 57.2 | 55.9 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 11   | 42     | 53     | 1.736     | -0.105    | 2.549 | 0.02      | 0.016     | 0         | 55   | 57.6 | 57.2 | 165        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 10  | 11   | 52     | 53     | 1.699     | -0.105    | 2.549 | 0.02      | 0.016     | 0         | 55   | 57.6 | 58   | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 12   | 2      | 53     | 1.765     | -0.148    | 2.549 | 0.016     | 0.013     | 0         | 55.5 | 58   | 58.5 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 12   | 12     | 53     | 1.785     | -0.082    | 2.549 | 0.016     | 0.016     | 0         | 54.6 | 57.6 | 58.5 | 164        | 170        | 0          | 37     | 36     |
| 2009 | 6     | 10  | 12   | 22     | 53     | 1.699     | -0.112    | 2.549 | 0.02      | 0.016     | 0         | 55   | 57.2 | 57.2 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 12   | 32     | 53     | 1.742     | -0.144    | 2.549 | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 59.8 | 164        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 10  | 12   | 42     | 53     | 1.719     | -0.118    | 2.549 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 59.3 | 164        | 170        | 0          | 37     | 37     |
| 2009 | 6     | 10  | 12   | 52     | 53     | 1.742     | -0.135    | 2.549 | 0.016     | 0.013     | 0         | 55   | 57.2 | 58   | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 13   | 2      | 53     | 1.706     | -0.131    | 2.549 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 58   | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 13   | 12     | 53     | 1.722     | -0.075    | 2.549 | 0.016     | 0.013     | 0         | 55   | 56.8 | 57.6 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 13   | 22     | 53     | 1.716     | -0.049    | 2.549 | 0.02      | 0.016     | 0         | 55   | 56.8 | 57.6 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 13   | 32     | 53     | 1.699     | -0.092    | 2.549 | 0.02      | 0.016     | 0         | 55   | 56.8 | 58.5 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 13   | 42     | 53     | 1.703     | -0.118    | 2.549 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 58.9 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 13   | 52     | 53     | 1.722     | -0.135    | 2.549 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 56.8 | 163        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 10  | 14   | 2      | 53     | 1.739     | -0.128    | 2.549 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 56.8 | 163        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 10  | 14   | 12     | 53     | 1.739     | -0.108    | 2.549 | 0.016     | 0.013     | 0         | 55   | 56.3 | 58   | 163        | 169        | 0          | 35     | 38     |
| 2009 | 6     | 10  | 14   | 22     | 53     | 1.709     | -0.112    | 2.549 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 58.5 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 14   | 32     | 53     | 1.729     | -0.108    | 2.549 | 0.02      | 0.016     | 0         | 54.6 | 56.3 | 58.5 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 14   | 42     | 53     | 1.739     | -0.089    | 2.549 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 58.5 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 14   | 52     | 53     | 1.719     | -0.098    | 2.549 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 58.5 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 15   | 2      | 53     | 1.739     | -0.128    | 2.549 | 0.02      | 0.016     | 0         | 55.5 | 57.2 | 58.9 | 164        | 170        | 0          | 35     | 37     |
| 2009 | 6     | 10  | 15   | 12     | 53     | 1.716     | -0.102    | 2.549 | 0.016     | 0.016     | 0         | 55.5 | 58   | 56.3 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 15   | 22     | 53     | 1.739     | -0.095    | 2.549 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 57.6 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 15   | 32     | 53     | 1.69      | -0.108    | 2.549 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 58   | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 15   | 42     | 53     | 1.68      | -0.118    | 2.549 | 0.016     | 0.016     | 0         | 55   | 57.2 | 56.8 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 15   | 52     | 53     | 1.719     | -0.148    | 2.549 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 56.8 | 163        | 170        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 10  | 16   | 2      | 53     | 1.703     | -0.151    | 2.549 | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 58.5 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 16   | 12     | 53     | 1.729     | -0.167    | 2.549 | 0.02      | 0.016     | 0         | 54.6 | 56.3 | 57.6 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 16   | 22     | 53     | 1.755     | -0.128    | 2.549 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 58   | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 16   | 32     | 53     | 1.716     | -0.148    | 2.549 | 0.02      | 0.016     | 0         | 54.2 | 56.3 | 58.5 | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 16   | 42     | 53     | 1.696     | -0.144    | 2.549 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 57.2 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 16   | 52     | 53     | 1.765     | -0.125    | 2.549 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 59.3 | 163        | 169        | 0          | 36     | 36     |
| 2009 | 6     | 10  | 17   | 2      | 53     | 1.722     | -0.062    | 2.549 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 58   | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 17   | 12     | 53     | 1.732     | -0.128    | 2.549 | 0.016     | 0.013     | 0         | 54.2 | 57.2 | 58.5 | 163        | 170        | 0          | 37     | 37     |
| 2009 | 6     | 10  | 17   | 22     | 53     | 1.713     | -0.079    | 2.549 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 58.9 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 17   | 32     | 53     | 1.739     | -0.115    | 2.549 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 58   | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 17   | 42     | 53     | 1.795     | -0.154    | 2.549 | 0.016     | 0.016     | 0         | 55   | 56.8 | 57.2 | 163        | 170        | 0          | 35     | 38     |
| 2009 | 6     | 10  | 17   | 52     | 53     | 1.729     | -0.043    | 2.549 | 0.016     | 0.013     | 0         | 54.2 | 57.2 | 57.6 | 163        | 170        | 0          | 37     | 37     |
| 2009 | 6     | 10  | 18   | 2      | 53     | 1.716     | -0.075    | 2.549 | 0.023     | 0.02      | 0         | 54.6 | 56.8 | 56.8 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 18   | 12     | 53     | 1.749     | -0.135    | 2.549 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 57.2 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 18   | 22     | 53     | 1.759     | -0.102    | 2.549 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 57.6 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 18   | 32     | 53     | 1.729     | -0.171    | 2.549 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 58   | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 18   | 42     | 53     | 1.732     | -0.102    | 2.549 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 57.6 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 18   | 52     | 53     | 1.742     | -0.092    | 2.549 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 58.5 | 163        | 169        | 0          | 36     | 36     |
| 2009 | 6     | 10  | 19   | 2      | 53     | 1.69      | -0.115    | 2.549 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 56.3 | 163        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 10  | 19   | 12     | 53     | 1.729     | -0.141    | 2.552 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 58.5 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 19   | 22     | 53     | 1.713     | -0.144    | 2.552 | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 58.9 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 19   | 32     | 53     | 1.736     | -0.144    | 2.552 | 0.016     | 0.016     | 0         | 54.6 | 56.3 | 58   | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 19   | 42     | 53     | 1.729     | -0.095    | 2.552 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 58.9 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 19   | 52     | 53     | 1.732     | -0.092    | 2.552 | 0.02      | 0.016     | 0         | 54.6 | 57.6 | 59.3 | 163        | 170        | 0          | 36     | 36     |
| 2009 | 6     | 10  | 20   | 2      | 53     | 1.696     | -0.075    | 2.552 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 58   | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 20   | 12     | 53     | 1.716     | -0.095    | 2.552 | 0.016     | 0.016     | 0         | 55   | 57.2 | 57.2 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 20   | 22     | 53     | 1.778     | -0.062    | 2.552 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 57.6 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 20   | 32     | 53     | 1.713     | -0.174    | 2.552 | 0.02      | 0.016     | 0         | 55   | 56.8 | 58   | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 20   | 42     | 53     | 1.729     | -0.128    | 2.552 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 57.2 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 20   | 52     | 53     | 1.732     | -0.033    | 2.552 | 0.016     | 0.016     | 0         | 54.6 | 56.3 | 56.8 | 163        | 170        | 0          | 36     | 39     |
| 2009 | 6     | 10  | 21   | 2      | 53     | 1.706     | -0.105    | 2.552 | 0.023     | 0.02      | 0         | 54.6 | 57.2 | 56.8 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 21   | 12     | 53     | 1.696     | -0.092    | 2.552 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 59.3 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 21   | 22     | 53     | 1.729     | -0.131    | 2.552 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 58.9 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 21   | 32     | 53     | 1.686     | -0.092    | 2.552 | 0.016     | 0.016     | 0         | 54.6 | 56.3 | 58   | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 10  | 21   | 42     | 53     | 1.722     | -0.128    | 2.552 | 0.02      | 0.016     | 0         | 54.2 | 56.3 | 58.5 | 163        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 10  | 21   | 52     | 53     | 1.729     | -0.131    | 2.552 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 58.9 | 163        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 10  | 22   | 2      | 53     | 1.739     | -0.102    | 2.552 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 59.3 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 22   | 12     | 53     | 1.729     | -0.102    | 2.552 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 57.2 | 163        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 10  | 22   | 22     | 53     | 1.752     | -0.151    | 2.552 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 58   | 162        | 169        | 0          | 35     | 37     |
| 2009 | 6     | 10  | 22   | 32     | 53     | 1.742     | -0.089    | 2.552 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 58   | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 22   | 42     | 53     | 1.726     | -0.194    | 2.552 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 57.6 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 22   | 52     | 53     | 1.732     | -0.138    | 2.552 | 0.02      | 0.016     | 0         | 55   | 56.8 | 57.6 | 163        | 169        | 0          | 35     | 37     |
| 2009 | 6     | 10  | 23   | 2      | 53     | 1.762     | -0.138    | 2.552 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 58   | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 23   | 12     | 53     | 1.693     | -0.098    | 2.552 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 58   | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 23   | 22     | 53     | 1.716     | -0.098    | 2.552 | 0.02      | 0.016     | 0         | 54.2 | 57.2 | 57.6 | 163        | 170        | 0          | 37     | 37     |
| 2009 | 6     | 10  | 23   | 32     | 53     | 1.729     | -0.131    | 2.552 | 0.016     | 0.016     | 0         | 54.6 | 57.6 | 58.5 | 163        | 170        | 0          | 36     | 36     |
| 2009 | 6     | 10  | 23   | 42     | 53     | 1.762     | -0.056    | 2.552 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 58.5 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 10  | 23   | 52     | 53     | 1.736     | -0.154    | 2.552 | 0.016     | 0.016     | 0         | 54.6 | 57.6 | 58   | 163        | 170        | 0          | 36     | 36     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 11  | 0    | 2      | 53     | 1.749     | -0.089    | 2.552 | 0.016     | 0.013     | 0         | 55   | 57.2 | 56.8 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 0    | 12     | 53     | 1.745     | -0.105    | 2.552 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 57.2 | 164        | 170        | 0          | 37     | 37     |
| 2009 | 6     | 11  | 0    | 22     | 53     | 1.729     | -0.141    | 2.552 | 0.023     | 0.02      | 0         | 55   | 56.8 | 57.6 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 0    | 32     | 53     | 1.778     | -0.105    | 2.552 | 0.016     | 0.013     | 0         | 55   | 57.6 | 57.6 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 0    | 42     | 53     | 1.739     | -0.115    | 2.549 | 0.02      | 0.016     | 0         | 55   | 57.6 | 57.6 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 0    | 52     | 53     | 1.742     | -0.089    | 2.549 | 0.016     | 0.013     | 0         | 55   | 57.2 | 56.8 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 1    | 2      | 53     | 1.706     | -0.108    | 2.549 | 0.016     | 0.016     | 0         | 55   | 57.6 | 56.8 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 1    | 12     | 53     | 1.713     | -0.082    | 2.549 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 57.6 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 1    | 22     | 53     | 1.69      | -0.177    | 2.549 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 58   | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 1    | 32     | 53     | 1.706     | -0.102    | 2.549 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 57.6 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 1    | 42     | 53     | 1.759     | -0.128    | 2.549 | 0.016     | 0.016     | 0         | 55   | 57.6 | 56.3 | 165        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 11  | 1    | 52     | 53     | 1.686     | -0.112    | 2.549 | 0.02      | 0.016     | 0         | 55   | 57.6 | 57.2 | 165        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 11  | 2    | 2      | 53     | 1.729     | -0.174    | 2.549 | 0.02      | 0.016     | 0         | 55   | 57.2 | 57.2 | 165        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 11  | 2    | 12     | 53     | 1.699     | -0.121    | 2.549 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 57.6 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 2    | 22     | 53     | 1.742     | -0.108    | 2.549 | 0.016     | 0.016     | 0         | 55   | 57.6 | 57.2 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 2    | 32     | 53     | 1.719     | -0.069    | 2.549 | 0.016     | 0.013     | 0         | 55.5 | 58   | 55.9 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 2    | 42     | 53     | 1.683     | -0.141    | 2.549 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 57.2 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 2    | 52     | 53     | 1.703     | -0.026    | 2.549 | 0.02      | 0.016     | 0         | 55.5 | 58   | 56.8 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 3    | 2      | 53     | 1.706     | -0.144    | 2.549 | 0.016     | 0.016     | 0         | 55.5 | 58   | 55.9 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 3    | 12     | 53     | 1.677     | -0.171    | 2.549 | 0.016     | 0.016     | 0         | 55.5 | 58   | 56.8 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 3    | 22     | 53     | 1.745     | -0.108    | 2.549 | 0.016     | 0.016     | 0         | 55.9 | 58   | 56.8 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 3    | 32     | 53     | 1.739     | -0.157    | 2.549 | 0.016     | 0.016     | 0         | 55   | 58   | 56.8 | 165        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 11  | 3    | 42     | 53     | 1.69      | -0.118    | 2.549 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 56.8 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 3    | 52     | 53     | 1.768     | -0.105    | 2.549 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 56.3 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 4    | 2      | 53     | 1.749     | -0.079    | 2.549 | 0.02      | 0.016     | 0         | 55.9 | 58   | 57.2 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 4    | 12     | 53     | 1.726     | -0.128    | 2.549 | 0.016     | 0.013     | 0         | 55.9 | 58   | 56.8 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 4    | 22     | 53     | 1.713     | -0.135    | 2.549 | 0.016     | 0.016     | 0         | 55.5 | 58   | 56.3 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 4    | 32     | 53     | 1.726     | -0.174    | 2.549 | 0.02      | 0.016     | 0         | 55.9 | 57.6 | 58   | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 4    | 42     | 53     | 1.729     | -0.03     | 2.549 | 0.016     | 0.013     | 0         | 55.5 | 58   | 57.2 | 165        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 4    | 52     | 53     | 1.759     | -0.121    | 2.549 | 0.02      | 0.016     | 0         | 55.9 | 58   | 57.2 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 5    | 2      | 53     | 1.736     | -0.036    | 2.549 | 0.02      | 0.016     | 0         | 55.9 | 58   | 57.6 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 5    | 12     | 53     | 1.693     | -0.112    | 2.549 | 0.02      | 0.016     | 0         | 55.9 | 58   | 57.2 | 166        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 5    | 22     | 53     | 1.736     | -0.121    | 2.549 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 58   | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 5    | 32     | 53     | 1.722     | -0.125    | 2.549 | 0.016     | 0.016     | 0         | 55.5 | 58   | 57.2 | 166        | 173        | 0          | 37     | 38     |
| 2009 | 6     | 11  | 5    | 42     | 53     | 1.768     | -0.033    | 2.549 | 0.016     | 0.016     | 0         | 56.3 | 58   | 56.8 | 167        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 5    | 52     | 53     | 1.749     | -0.194    | 2.546 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 56.3 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 6    | 2      | 53     | 1.696     | -0.157    | 2.549 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 56.3 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 6    | 12     | 53     | 1.69      | -0.105    | 2.549 | 0.02      | 0.016     | 0         | 55.5 | 58   | 57.6 | 166        | 173        | 0          | 37     | 38     |
| 2009 | 6     | 11  | 6    | 22     | 53     | 1.745     | -0.072    | 2.549 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 57.2 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 6    | 32     | 53     | 1.709     | -0.121    | 2.549 | 0.02      | 0.016     | 0         | 55.9 | 57.6 | 58.5 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 6    | 42     | 53     | 1.703     | -0.052    | 2.546 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 57.6 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 6    | 52     | 53     | 1.713     | -0.066    | 2.546 | 0.02      | 0.016     | 0         | 55.9 | 57.6 | 57.6 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 7    | 2      | 53     | 1.686     | -0.098    | 2.549 | 0.016     | 0.013     | 0         | 55.5 | 58   | 57.2 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 7    | 12     | 53     | 1.736     | -0.144    | 2.546 | 0.02      | 0.016     | 0         | 55.9 | 58   | 58   | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 7    | 22     | 53     | 1.762     | -0.128    | 2.546 | 0.02      | 0.016     | 0         | 55.9 | 57.2 | 55.9 | 166        | 172        | 0          | 36     | 39     |
| 2009 | 6     | 11  | 7    | 32     | 53     | 1.736     | -0.161    | 2.546 | 0.016     | 0.016     | 0         | 55.9 | 57.2 | 57.6 | 166        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 7    | 42     | 53     | 1.706     | -0.079    | 2.546 | 0.016     | 0.016     | 0         | 55.5 | 58   | 57.2 | 166        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 11  | 7    | 52     | 53     | 1.696     | -0.108    | 2.546 | 0.02      | 0.016     | 0         | 55.9 | 58   | 57.6 | 166        | 172        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 11  | 8    | 3      | 24     | 1.762     | -0.115    | 2.546 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 57.2 | 166        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 11  | 8    | 13     | 24     | 1.696     | -0.108    | 2.546 | 0.016     | 0.013     | 0         | 55.9 | 57.6 | 58   | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 8    | 23     | 24     | 1.752     | -0.161    | 2.546 | 0.02      | 0.016     | 0         | 55.9 | 58   | 58   | 166        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 8    | 33     | 24     | 1.693     | -0.115    | 2.546 | 0.016     | 0.016     | 0         | 55.9 | 58   | 56.3 | 167        | 173        | 0          | 37     | 38     |
| 2009 | 6     | 11  | 8    | 43     | 24     | 1.739     | -0.102    | 2.546 | 0.02      | 0.016     | 0         | 55.9 | 58   | 56.8 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 8    | 53     | 24     | 1.699     | -0.125    | 2.546 | 0.02      | 0.016     | 0         | 55.9 | 57.6 | 57.6 | 167        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 11  | 9    | 3      | 24     | 1.732     | -0.121    | 2.546 | 0.016     | 0.013     | 0         | 55.9 | 58   | 57.2 | 166        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 9    | 13     | 24     | 1.745     | -0.148    | 2.546 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 57.6 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 9    | 23     | 24     | 1.739     | -0.079    | 2.546 | 0.016     | 0.016     | 0         | 55.9 | 58   | 57.2 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 9    | 33     | 24     | 1.719     | -0.069    | 2.549 | 0.02      | 0.016     | 0         | 55.9 | 58   | 57.2 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 9    | 43     | 24     | 1.742     | -0.151    | 2.549 | 0.016     | 0.013     | 0         | 55.9 | 57.6 | 58   | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 9    | 53     | 24     | 1.739     | -0.075    | 2.546 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 58   | 166        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 11  | 10   | 3      | 24     | 1.716     | -0.089    | 2.549 | 0.016     | 0.016     | 0         | 55.9 | 58   | 56.3 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 10   | 13     | 24     | 1.752     | -0.066    | 2.549 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 57.2 | 166        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 11  | 10   | 23     | 24     | 1.739     | -0.125    | 2.549 | 0.016     | 0.016     | 0         | 55.9 | 57.2 | 58.5 | 166        | 172        | 0          | 36     | 39     |
| 2009 | 6     | 11  | 10   | 33     | 24     | 1.768     | -0.121    | 2.549 | 0.016     | 0.016     | 0         | 55.5 | 58   | 57.2 | 166        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 11  | 10   | 43     | 24     | 1.745     | -0.043    | 2.549 | 0.02      | 0.016     | 0         | 56.8 | 59.8 | 55.9 | 169        | 176        | 0          | 37     | 37     |
| 2009 | 6     | 11  | 10   | 53     | 24     | 1.762     | -0.079    | 2.549 | 0.016     | 0.016     | 0         | 55.9 | 58   | 57.2 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 11   | 3      | 24     | 1.759     | -0.154    | 2.549 | 0.016     | 0.013     | 0         | 55.5 | 58   | 57.6 | 166        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 11  | 11   | 13     | 24     | 1.706     | -0.161    | 2.549 | 0.02      | 0.016     | 0         | 55.9 | 58   | 57.2 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 11   | 23     | 24     | 1.752     | -0.066    | 2.549 | 0.02      | 0.016     | 0         | 55.9 | 57.6 | 58   | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 11   | 33     | 24     | 1.703     | -0.197    | 2.549 | 0.016     | 0.016     | 0         | 55.5 | 58   | 58   | 166        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 11  | 11   | 43     | 24     | 1.722     | -0.112    | 2.549 | 0.016     | 0.016     | 0         | 56.3 | 58   | 57.6 | 166        | 172        | 0          | 35     | 37     |
| 2009 | 6     | 11  | 11   | 53     | 24     | 1.699     | -0.121    | 2.549 | 0.016     | 0.013     | 0         | 55.9 | 57.6 | 58   | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 12   | 3      | 24     | 1.719     | -0.154    | 2.549 | 0.02      | 0.016     | 0         | 55.9 | 57.6 | 57.2 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 12   | 13     | 24     | 1.755     | -0.161    | 2.549 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 56.8 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 12   | 23     | 24     | 1.722     | -0.118    | 2.549 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 58.5 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 12   | 33     | 24     | 1.726     | -0.115    | 2.549 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 57.2 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 12   | 43     | 24     | 1.706     | -0.098    | 2.549 | 0.02      | 0.016     | 0         | 55.5 | 58   | 57.6 | 166        | 173        | 0          | 37     | 38     |
| 2009 | 6     | 11  | 12   | 53     | 24     | 1.699     | -0.131    | 2.549 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 58   | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 13   | 3      | 24     | 1.745     | -0.118    | 2.549 | 0.02      | 0.016     | 0         | 55   | 58   | 57.2 | 165        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 11  | 13   | 13     | 24     | 1.765     | -0.121    | 2.549 | 0.016     | 0.013     | 0         | 55.9 | 58   | 57.6 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 13   | 23     | 24     | 1.775     | -0.102    | 2.549 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 56.3 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 13   | 33     | 24     | 1.795     | -0.03     | 2.552 | 0.02      | 0.016     | 0         | 55   | 57.6 | 55.5 | 165        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 11  | 13   | 43     | 24     | 1.713     | -0.079    | 2.549 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 58.5 | 165        | 171        | 0          | 35     | 37     |
| 2009 | 6     | 11  | 13   | 53     | 24     | 1.729     | -0.157    | 2.552 | 0.016     | 0.013     | 0         | 55   | 57.6 | 58.9 | 165        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 11  | 14   | 3      | 24     | 1.775     | -0.118    | 2.552 | 0.016     | 0.013     | 0         | 55.5 | 58   | 58   | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 14   | 13     | 24     | 1.745     | -0.128    | 2.552 | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 58   | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 14   | 23     | 24     | 1.768     | -0.135    | 2.552 | 0.02      | 0.016     | 0         | 55.5 | 57.2 | 57.2 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 14   | 33     | 24     | 1.736     | -0.082    | 2.552 | 0.016     | 0.016     | 0         | 55.9 | 58   | 57.2 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 14   | 43     | 24     | 1.719     | -0.092    | 2.552 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 55.9 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 14   | 53     | 24     | 1.726     | -0.056    | 2.552 | 0.016     | 0.016     | 0         | 56.8 | 58.9 | 56.3 | 168        | 175        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 15   | 3      | 24     | 1.713     | -0.098    | 2.552 | 0.02      | 0.016     | 0         | 56.8 | 58.9 | 55.9 | 168        | 174        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 15   | 13     | 24     | 1.755     | -0.085    | 2.552 | 0.02      | 0.016     | 0         | 56.3 | 59.3 | 56.3 | 168        | 175        | 0          | 37     | 37     |
| 2009 | 6     | 11  | 15   | 23     | 24     | 1.732     | -0.108    | 2.556 | 0.02      | 0.016     | 0         | 56.3 | 58.5 | 56.3 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 15   | 33     | 24     | 1.713     | -0.108    | 2.552 | 0.016     | 0.016     | 0         | 55.9 | 58   | 57.2 | 167        | 173        | 0          | 37     | 38     |
| 2009 | 6     | 11  | 15   | 43     | 24     | 1.699     | -0.089    | 2.552 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 57.6 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 15   | 53     | 24     | 1.785     | -0.138    | 2.552 | 0.02      | 0.016     | 0         | 55.9 | 58   | 56.3 | 166        | 173        | 0          | 36     | 38     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 11  | 16   | 3      | 24     | 1.749     | -0.125    | 2.556 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 56.3 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 16   | 13     | 24     | 1.752     | -0.148    | 2.556 | 0.016     | 0.016     | 0         | 55.9 | 58   | 56.8 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 16   | 23     | 24     | 1.726     | -0.118    | 2.556 | 0.016     | 0.013     | 0         | 55.5 | 58   | 57.2 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 16   | 33     | 24     | 1.739     | -0.118    | 2.556 | 0.02      | 0.016     | 0         | 55.5 | 58   | 56.8 | 166        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 11  | 16   | 43     | 24     | 1.69      | -0.141    | 2.556 | 0.016     | 0.016     | 0         | 55.9 | 58   | 58.5 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 16   | 53     | 24     | 1.745     | -0.187    | 2.556 | 0.016     | 0.016     | 0         | 55.9 | 58   | 56.3 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 17   | 3      | 24     | 1.742     | -0.157    | 2.556 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 56.3 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 17   | 13     | 24     | 1.719     | -0.105    | 2.556 | 0.016     | 0.016     | 0         | 55.5 | 58   | 56.3 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 17   | 23     | 24     | 1.752     | -0.148    | 2.556 | 0.016     | 0.016     | 0         | 55.9 | 58   | 55.9 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 17   | 33     | 24     | 1.775     | -0.102    | 2.556 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 57.2 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 17   | 43     | 24     | 1.709     | -0.095    | 2.556 | 0.016     | 0.016     | 0         | 55.9 | 58   | 57.2 | 165        | 172        | 0          | 35     | 37     |
| 2009 | 6     | 11  | 17   | 53     | 24     | 1.706     | -0.121    | 2.559 | 0.016     | 0.013     | 0         | 55.5 | 58   | 58   | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 18   | 3      | 24     | 1.742     | -0.092    | 2.559 | 0.016     | 0.013     | 0         | 55.5 | 57.2 | 56.8 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 18   | 13     | 24     | 1.742     | -0.108    | 2.559 | 0.023     | 0.02      | 0         | 55   | 57.6 | 56.8 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 18   | 23     | 24     | 1.752     | -0.131    | 2.559 | 0.016     | 0.016     | 0         | 54.6 | 57.6 | 58.9 | 164        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 11  | 18   | 33     | 24     | 1.722     | -0.102    | 2.559 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 56.3 | 164        | 171        | 0          | 35     | 37     |
| 2009 | 6     | 11  | 18   | 43     | 24     | 1.742     | -0.135    | 2.559 | 0.016     | 0.016     | 0         | 55   | 57.6 | 57.2 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 18   | 53     | 24     | 1.732     | -0.098    | 2.559 | 0.02      | 0.016     | 0         | 55   | 57.6 | 56.8 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 19   | 3      | 24     | 1.752     | -0.184    | 2.559 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 56.8 | 164        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 11  | 19   | 13     | 24     | 1.745     | -0.102    | 2.562 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 58   | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 11  | 19   | 23     | 24     | 1.726     | -0.105    | 2.559 | 0.023     | 0.02      | 0         | 54.6 | 58   | 57.6 | 164        | 171        | 0          | 37     | 36     |
| 2009 | 6     | 11  | 19   | 33     | 24     | 1.739     | -0.157    | 2.562 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 56.3 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 19   | 43     | 24     | 1.736     | -0.108    | 2.562 | 0.016     | 0.016     | 0         | 55   | 57.6 | 57.2 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 19   | 53     | 24     | 1.745     | -0.062    | 2.562 | 0.016     | 0.016     | 0         | 55   | 57.6 | 56.8 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 20   | 3      | 24     | 1.729     | -0.108    | 2.562 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 57.6 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 20   | 13     | 24     | 1.745     | -0.112    | 2.562 | 0.02      | 0.016     | 0         | 55   | 57.6 | 57.2 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 20   | 23     | 24     | 1.749     | -0.085    | 2.562 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 55.9 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 20   | 33     | 24     | 1.772     | -0.089    | 2.562 | 0.02      | 0.016     | 0         | 55.9 | 58   | 55.9 | 165        | 172        | 0          | 35     | 37     |
| 2009 | 6     | 11  | 20   | 43     | 24     | 1.719     | -0.102    | 2.562 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 56.3 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 20   | 53     | 24     | 1.722     | -0.174    | 2.566 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 58   | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 11  | 21   | 3      | 24     | 1.749     | -0.121    | 2.566 | 0.016     | 0.013     | 0         | 55.5 | 58   | 55.9 | 165        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 11  | 21   | 13     | 24     | 1.762     | -0.118    | 2.566 | 0.016     | 0.016     | 0         | 55.5 | 58.5 | 57.2 | 165        | 172        | 0          | 36     | 36     |
| 2009 | 6     | 11  | 21   | 23     | 24     | 1.745     | -0.092    | 2.566 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 56.3 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 21   | 33     | 24     | 1.69      | -0.135    | 2.566 | 0.02      | 0.016     | 0         | 55.5 | 56.8 | 57.2 | 164        | 170        | 0          | 35     | 38     |
| 2009 | 6     | 11  | 21   | 43     | 24     | 1.739     | -0.144    | 2.566 | 0.016     | 0.016     | 0         | 55   | 57.6 | 56.3 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 21   | 53     | 24     | 1.693     | -0.148    | 2.566 | 0.016     | 0.016     | 0         | 55   | 57.6 | 57.2 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 22   | 3      | 24     | 1.719     | -0.154    | 2.566 | 0.02      | 0.016     | 0         | 55   | 57.6 | 56.8 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 22   | 13     | 24     | 1.739     | -0.125    | 2.566 | 0.02      | 0.016     | 0         | 55   | 57.2 | 55.9 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 22   | 23     | 24     | 1.759     | -0.148    | 2.566 | 0.016     | 0.016     | 0         | 55   | 57.6 | 56.8 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 22   | 33     | 24     | 1.749     | -0.089    | 2.566 | 0.016     | 0.016     | 0         | 55   | 57.6 | 56.8 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 22   | 43     | 24     | 1.762     | -0.184    | 2.569 | 0.02      | 0.016     | 0         | 55   | 57.6 | 56.8 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 22   | 53     | 24     | 1.706     | -0.082    | 2.569 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 56.3 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 23   | 3      | 24     | 1.726     | -0.052    | 2.569 | 0.016     | 0.016     | 0         | 55   | 57.6 | 55   | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 23   | 13     | 24     | 1.755     | -0.128    | 2.569 | 0.016     | 0.013     | 0         | 55   | 57.6 | 54.2 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 23   | 23     | 24     | 1.759     | -0.151    | 2.569 | 0.016     | 0.016     | 0         | 55   | 57.6 | 55.9 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 23   | 33     | 24     | 1.699     | -0.144    | 2.569 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 55.5 | 165        | 171        | 0          | 35     | 37     |
| 2009 | 6     | 11  | 23   | 43     | 24     | 1.742     | -0.046    | 2.569 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 55   | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 11  | 23   | 53     | 24     | 1.726     | -0.128    | 2.569 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 55.9 | 165        | 171        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 12  | 0    | 3      | 24     | 1.713     | -0.121    | 2.569 | 0.023     | 0.02      | 0         | 55.5 | 58   | 56.3 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 0    | 13     | 24     | 1.729     | -0.138    | 2.569 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 56.8 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 0    | 23     | 24     | 1.739     | -0.115    | 2.569 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 55.9 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 12  | 0    | 33     | 24     | 1.699     | -0.18     | 2.569 | 0.02      | 0.016     | 0         | 55.9 | 58   | 55   | 165        | 172        | 0          | 35     | 37     |
| 2009 | 6     | 12  | 0    | 43     | 24     | 1.752     | -0.115    | 2.572 | 0.016     | 0.013     | 0         | 55.5 | 58   | 54.6 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 0    | 53     | 24     | 1.752     | -0.118    | 2.572 | 0.016     | 0.016     | 0         | 55.5 | 58   | 55   | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 1    | 3      | 24     | 1.706     | -0.161    | 2.569 | 0.02      | 0.016     | 0         | 55.5 | 58   | 55   | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 1    | 13     | 24     | 1.801     | -0.095    | 2.569 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 55   | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 1    | 23     | 24     | 1.742     | -0.144    | 2.572 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 55   | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 12  | 1    | 33     | 24     | 1.742     | -0.135    | 2.569 | 0.02      | 0.016     | 0         | 55.5 | 58   | 55   | 166        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 12  | 1    | 43     | 24     | 1.788     | -0.095    | 2.569 | 0.016     | 0.016     | 0         | 56.3 | 58   | 55.9 | 166        | 172        | 0          | 35     | 37     |
| 2009 | 6     | 12  | 1    | 53     | 24     | 1.742     | -0.059    | 2.572 | 0.016     | 0.016     | 0         | 56.3 | 58   | 55.5 | 166        | 172        | 0          | 35     | 37     |
| 2009 | 6     | 12  | 2    | 3      | 24     | 1.739     | -0.049    | 2.572 | 0.016     | 0.016     | 0         | 55.9 | 58   | 53.3 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 2    | 13     | 24     | 1.749     | -0.098    | 2.572 | 0.013     | 0.01      | 0         | 55.9 | 58.5 | 54.2 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 2    | 23     | 24     | 1.742     | -0.164    | 2.572 | 0.016     | 0.013     | 0         | 55.9 | 58   | 54.2 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 2    | 33     | 24     | 1.742     | -0.085    | 2.572 | 0.016     | 0.013     | 0         | 55.9 | 58   | 55   | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 2    | 43     | 24     | 1.726     | -0.115    | 2.572 | 0.016     | 0.016     | 0         | 56.3 | 58   | 54.2 | 166        | 172        | 0          | 35     | 37     |
| 2009 | 6     | 12  | 2    | 53     | 24     | 1.729     | -0.18     | 2.572 | 0.016     | 0.016     | 0         | 55.9 | 58   | 53.3 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 3    | 3      | 24     | 1.709     | -0.144    | 2.575 | 0.02      | 0.016     | 0         | 55.9 | 58.5 | 52.9 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 3    | 13     | 24     | 1.716     | -0.056    | 2.575 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 52   | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 3    | 23     | 24     | 1.706     | -0.138    | 2.575 | 0.016     | 0.013     | 0         | 55.9 | 58.5 | 53.8 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 3    | 33     | 24     | 1.706     | -0.167    | 2.575 | 0.02      | 0.016     | 0         | 55.9 | 58.9 | 52.9 | 166        | 173        | 0          | 36     | 36     |
| 2009 | 6     | 12  | 3    | 43     | 24     | 1.752     | -0.118    | 2.575 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 53.8 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 3    | 53     | 24     | 1.703     | -0.062    | 2.579 | 0.02      | 0.016     | 0         | 56.3 | 58.9 | 54.2 | 167        | 173        | 0          | 36     | 36     |
| 2009 | 6     | 12  | 4    | 3      | 24     | 1.732     | -0.138    | 2.579 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 54.6 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 4    | 13     | 24     | 1.706     | -0.105    | 2.579 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 54.6 | 166        | 173        | 0          | 35     | 37     |
| 2009 | 6     | 12  | 4    | 23     | 24     | 1.752     | -0.095    | 2.579 | 0.016     | 0.016     | 0         | 55.5 | 58.5 | 54.6 | 166        | 173        | 0          | 37     | 37     |
| 2009 | 6     | 12  | 4    | 33     | 24     | 1.739     | -0.121    | 2.582 | 0.02      | 0.016     | 0         | 56.3 | 58   | 54.6 | 167        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 12  | 4    | 43     | 24     | 1.745     | -0.141    | 2.579 | 0.02      | 0.016     | 0         | 55.9 | 58.5 | 54.2 | 167        | 173        | 0          | 37     | 37     |
| 2009 | 6     | 12  | 4    | 53     | 24     | 1.703     | -0.115    | 2.579 | 0.02      | 0.016     | 0         | 55.9 | 58.5 | 54.6 | 167        | 173        | 0          | 37     | 37     |
| 2009 | 6     | 12  | 5    | 3      | 24     | 1.713     | -0.157    | 2.582 | 0.02      | 0.016     | 0         | 56.3 | 58.5 | 54.6 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 5    | 13     | 24     | 1.762     | -0.184    | 2.582 | 0.02      | 0.016     | 0         | 56.3 | 58.9 | 54.2 | 167        | 174        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 5    | 23     | 24     | 1.745     | -0.121    | 2.582 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 55.5 | 167        | 174        | 0          | 36     | 38     |
| 2009 | 6     | 12  | 5    | 33     | 24     | 1.781     | -0.112    | 2.582 | 0.02      | 0.016     | 0         | 56.3 | 58.9 | 55   | 167        | 174        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 5    | 43     | 24     | 1.759     | -0.095    | 2.582 | 0.02      | 0.016     | 0         | 56.3 | 58.9 | 54.2 | 167        | 174        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 5    | 53     | 24     | 1.703     | -0.102    | 2.585 | 0.016     | 0.016     | 0         | 56.8 | 58.9 | 55.5 | 168        | 174        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 6    | 3      | 24     | 1.709     | -0.154    | 2.585 | 0.016     | 0.013     | 0         | 56.3 | 58.9 | 55.5 | 167        | 174        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 6    | 13     | 24     | 1.709     | -0.144    | 2.585 | 0.016     | 0.016     | 0         | 56.3 | 58.9 | 55.5 | 167        | 174        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 6    | 23     | 24     | 1.768     | -0.125    | 2.585 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 55.9 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 6    | 33     | 24     | 1.683     | -0.135    | 2.585 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 56.3 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 6    | 43     | 24     | 1.742     | -0.069    | 2.585 | 0.013     | 0.01      | 0         | 56.3 | 58   | 57.6 | 167        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 12  | 6    | 53     | 24     | 1.719     | -0.089    | 2.585 | 0.02      | 0.016     | 0         | 56.3 | 58.5 | 55.9 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 7    | 3      | 24     | 1.778     | -0.098    | 2.589 | 0.02      | 0.016     | 0         | 56.3 | 58.5 | 56.8 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 7    | 13     | 24     | 1.749     | -0.125    | 2.589 | 0.02      | 0.016     | 0         | 55.9 | 57.6 | 55.5 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 12  | 7    | 23     | 24     | 1.742     | -0.069    | 2.589 | 0.02      | 0.016     | 0         | 56.3 | 58   | 58   | 167        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 12  | 7    | 33     | 24     | 1.742     | -0.095    | 2.589 | 0.023     | 0.02      | 0         | 55.9 | 57.6 | 56.8 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 12  | 7    | 43     | 24     | 1.752     | -0.069    | 2.589 | 0.023     | 0.02      | 0         | 55.9 | 58.5 | 56.8 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 7    | 53     | 24     | 1.722     | -0.115    | 2.589 | 0.013     | 0.01      | 0         | 56.3 | 58.5 | 57.2 | 167        | 173        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 12  | 8    | 3      | 24     | 1.713     | -0.121    | 2.589 | 0.02      | 0.016     | 0         | 55.5 | 58.5 | 57.2 | 166        | 173        | 0          | 37     | 37     |
| 2009 | 6     | 12  | 8    | 13     | 24     | 1.736     | -0.121    | 2.589 | 0.016     | 0.013     | 0         | 56.3 | 58.5 | 58.5 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 8    | 23     | 24     | 1.716     | -0.125    | 2.589 | 0.016     | 0.013     | 0         | 56.3 | 58   | 56.3 | 167        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 12  | 8    | 33     | 24     | 1.745     | -0.141    | 2.589 | 0.016     | 0.016     | 0         | 56.3 | 58   | 56.8 | 167        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 12  | 8    | 43     | 24     | 1.739     | -0.092    | 2.589 | 0.02      | 0.016     | 0         | 56.3 | 58.5 | 57.2 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 8    | 53     | 24     | 1.736     | -0.135    | 2.589 | 0.02      | 0.016     | 0         | 55.9 | 58   | 57.6 | 166        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 12  | 9    | 3      | 24     | 1.696     | -0.085    | 2.589 | 0.016     | 0.016     | 0         | 55.5 | 58   | 58.9 | 166        | 173        | 0          | 37     | 38     |
| 2009 | 6     | 12  | 9    | 13     | 24     | 1.745     | -0.098    | 2.589 | 0.02      | 0.016     | 0         | 55.9 | 57.6 | 58   | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 12  | 9    | 23     | 24     | 1.719     | -0.141    | 2.589 | 0.02      | 0.016     | 0         | 55.9 | 58.5 | 56.8 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 9    | 33     | 24     | 1.785     | -0.194    | 2.589 | 0.02      | 0.016     | 0         | 55.9 | 57.6 | 59.3 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 12  | 9    | 43     | 24     | 1.781     | -0.089    | 2.589 | 0.016     | 0.016     | 0         | 55.5 | 58   | 56.3 | 166        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 12  | 9    | 53     | 24     | 1.719     | -0.052    | 2.592 | 0.016     | 0.016     | 0         | 55.5 | 58.5 | 56.8 | 166        | 173        | 0          | 37     | 37     |
| 2009 | 6     | 12  | 10   | 3      | 24     | 1.742     | -0.203    | 2.592 | 0.016     | 0.013     | 0         | 55.5 | 58.5 | 57.2 | 166        | 173        | 0          | 37     | 37     |
| 2009 | 6     | 12  | 10   | 13     | 24     | 1.696     | -0.089    | 2.592 | 0.016     | 0.016     | 0         | 55.9 | 58   | 56.8 | 167        | 173        | 0          | 37     | 38     |
| 2009 | 6     | 12  | 10   | 23     | 24     | 1.768     | -0.105    | 2.592 | 0.016     | 0.016     | 0         | 55.9 | 58   | 57.2 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 10   | 33     | 24     | 1.745     | -0.115    | 2.592 | 0.016     | 0.013     | 0         | 55.9 | 57.6 | 55.9 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 12  | 10   | 43     | 24     | 1.736     | -0.18     | 2.592 | 0.02      | 0.016     | 0         | 56.3 | 58.5 | 56.3 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 10   | 53     | 24     | 1.752     | -0.135    | 2.592 | 0.016     | 0.016     | 0         | 55.5 | 58   | 57.6 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 11   | 3      | 24     | 1.709     | -0.131    | 2.592 | 0.02      | 0.016     | 0         | 55   | 58   | 58   | 165        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 12  | 11   | 13     | 24     | 1.752     | -0.18     | 2.592 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 57.6 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 12  | 11   | 23     | 24     | 1.765     | -0.174    | 2.592 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 57.2 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 12  | 11   | 33     | 24     | 1.752     | -0.105    | 2.592 | 0.016     | 0.013     | 0         | 55.5 | 58   | 58.9 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 11   | 43     | 24     | 1.742     | -0.108    | 2.592 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 56.3 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 11   | 53     | 24     | 1.759     | -0.141    | 2.592 | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 57.6 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 12  | 12   | 3      | 24     | 1.736     | -0.118    | 2.592 | 0.016     | 0.016     | 0         | 55   | 57.6 | 57.2 | 165        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 12  | 12   | 13     | 24     | 1.768     | -0.125    | 2.592 | 0.016     | 0.016     | 0         | 55   | 57.6 | 58   | 165        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 12  | 12   | 23     | 24     | 1.726     | -0.141    | 2.592 | 0.02      | 0.016     | 0         | 55   | 58   | 58.5 | 164        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 12  | 12   | 33     | 24     | 1.722     | -0.115    | 2.592 | 0.016     | 0.013     | 0         | 55   | 57.6 | 57.2 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 12   | 43     | 24     | 1.736     | -0.157    | 2.595 | 0.02      | 0.016     | 0         | 55   | 57.6 | 57.6 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 12   | 53     | 24     | 1.742     | -0.079    | 2.595 | 0.016     | 0.013     | 0         | 55   | 57.2 | 56.3 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 12  | 13   | 3      | 24     | 1.736     | -0.092    | 2.595 | 0.02      | 0.016     | 0         | 55.5 | 57.2 | 56.8 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 12  | 13   | 13     | 24     | 1.742     | -0.098    | 2.595 | 0.016     | 0.013     | 0         | 54.6 | 57.6 | 57.6 | 165        | 171        | 0          | 38     | 37     |
| 2009 | 6     | 12  | 13   | 23     | 24     | 1.739     | -0.105    | 2.595 | 0.02      | 0.016     | 0         | 55   | 57.2 | 56.8 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 13   | 33     | 24     | 1.772     | -0.112    | 2.595 | 0.02      | 0.016     | 0         | 55   | 56.8 | 56.8 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 12  | 13   | 43     | 24     | 1.749     | -0.151    | 2.595 | 0.016     | 0.013     | 0         | 55   | 57.6 | 56.8 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 13   | 53     | 24     | 1.755     | -0.105    | 2.595 | 0.016     | 0.016     | 0         | 55   | 57.6 | 55.9 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 14   | 3      | 24     | 1.749     | -0.167    | 2.595 | 0.023     | 0.02      | 0         | 55.5 | 57.6 | 56.3 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 14   | 13     | 24     | 1.745     | -0.164    | 2.598 | 0.016     | 0.016     | 0         | 55.9 | 58   | 55.5 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 14   | 23     | 24     | 1.736     | -0.157    | 2.595 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 55.9 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 14   | 33     | 24     | 1.726     | -0.089    | 2.595 | 0.02      | 0.016     | 0         | 55.5 | 58   | 58   | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 14   | 43     | 24     | 1.775     | -0.112    | 2.595 | 0.016     | 0.016     | 0         | 55.5 | 58   | 57.2 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 14   | 53     | 24     | 1.722     | -0.098    | 2.598 | 0.023     | 0.02      | 0         | 55.9 | 58.5 | 55.9 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 15   | 3      | 24     | 1.729     | -0.075    | 2.598 | 0.023     | 0.02      | 0         | 57.2 | 59.3 | 54.6 | 169        | 175        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 15   | 13     | 24     | 1.726     | -0.144    | 2.598 | 0.02      | 0.016     | 0         | 56.3 | 58   | 54.6 | 167        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 12  | 15   | 23     | 24     | 1.729     | -0.164    | 2.598 | 0.02      | 0.016     | 0         | 55.9 | 57.6 | 56.8 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 12  | 15   | 33     | 24     | 1.749     | -0.075    | 2.598 | 0.016     | 0.013     | 0         | 55.5 | 58   | 57.6 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 15   | 43     | 24     | 1.736     | -0.066    | 2.598 | 0.02      | 0.016     | 0         | 55.9 | 58   | 56.3 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 15   | 53     | 24     | 1.755     | -0.125    | 2.598 | 0.016     | 0.016     | 0         | 55.5 | 58   | 56.8 | 165        | 172        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 12  | 16   | 3      | 24     | 1.755     | -0.089    | 2.598 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 57.2 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 16   | 13     | 24     | 1.752     | -0.131    | 2.598 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 55.9 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 16   | 23     | 24     | 1.778     | -0.105    | 2.598 | 0.016     | 0.013     | 0         | 55.5 | 57.2 | 58.9 | 164        | 171        | 0          | 35     | 38     |
| 2009 | 6     | 12  | 16   | 33     | 24     | 1.732     | -0.036    | 2.598 | 0.016     | 0.016     | 0         | 55   | 57.2 | 57.2 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 16   | 43     | 24     | 1.736     | -0.095    | 2.602 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 57.6 | 164        | 170        | 0          | 37     | 37     |
| 2009 | 6     | 12  | 16   | 53     | 24     | 1.677     | -0.098    | 2.598 | 0.016     | 0.016     | 0         | 55   | 57.6 | 56.3 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 17   | 3      | 24     | 1.775     | -0.135    | 2.598 | 0.016     | 0.016     | 0         | 55   | 57.2 | 57.2 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 17   | 13     | 24     | 1.722     | -0.108    | 2.598 | 0.016     | 0.016     | 0         | 55   | 57.6 | 56.8 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 17   | 23     | 24     | 1.742     | -0.112    | 2.598 | 0.016     | 0.013     | 0         | 55   | 57.6 | 57.2 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 17   | 33     | 24     | 1.736     | -0.144    | 2.602 | 0.016     | 0.016     | 0         | 55   | 57.6 | 55.9 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 17   | 43     | 24     | 1.778     | -0.072    | 2.602 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 57.6 | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 12  | 17   | 53     | 24     | 1.716     | -0.075    | 2.602 | 0.016     | 0.016     | 0         | 57.2 | 59.3 | 55.5 | 169        | 175        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 18   | 3      | 24     | 1.732     | -0.148    | 2.602 | 0.023     | 0.02      | 0         | 55   | 57.6 | 55   | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 18   | 13     | 24     | 1.749     | -0.108    | 2.602 | 0.02      | 0.016     | 0         | 55.5 | 57.2 | 56.3 | 164        | 170        | 0          | 35     | 37     |
| 2009 | 6     | 12  | 18   | 23     | 24     | 1.732     | -0.112    | 2.602 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 56.3 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 18   | 33     | 24     | 1.732     | -0.131    | 2.602 | 0.016     | 0.016     | 0         | 54.6 | 57.6 | 58.9 | 163        | 170        | 0          | 36     | 36     |
| 2009 | 6     | 12  | 18   | 43     | 24     | 1.752     | -0.069    | 2.602 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 57.6 | 163        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 12  | 18   | 53     | 24     | 1.781     | -0.049    | 2.602 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 56.8 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 12  | 19   | 3      | 24     | 1.778     | -0.085    | 2.602 | 0.023     | 0.02      | 0         | 55   | 56.8 | 55.5 | 163        | 169        | 0          | 35     | 37     |
| 2009 | 6     | 12  | 19   | 13     | 24     | 1.775     | -0.141    | 2.602 | 0.023     | 0.023     | 0         | 54.2 | 56.3 | 56.3 | 163        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 12  | 19   | 23     | 24     | 1.749     | -0.151    | 2.602 | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 56.8 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 19   | 33     | 24     | 1.752     | -0.148    | 2.605 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 56.8 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 19   | 43     | 24     | 1.716     | -0.135    | 2.605 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 55.9 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 19   | 53     | 24     | 1.729     | -0.108    | 2.602 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 57.6 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 20   | 3      | 24     | 1.742     | -0.095    | 2.605 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 56.3 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 20   | 13     | 24     | 1.719     | -0.161    | 2.605 | 0.023     | 0.02      | 0         | 54.6 | 56.3 | 56.8 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 12  | 20   | 23     | 24     | 1.713     | -0.167    | 2.605 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 54.6 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 20   | 33     | 24     | 1.749     | -0.092    | 2.605 | 0.016     | 0.013     | 0         | 54.2 | 57.2 | 56.8 | 163        | 170        | 0          | 37     | 37     |
| 2009 | 6     | 12  | 20   | 43     | 24     | 1.745     | -0.112    | 2.605 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 56.8 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 20   | 53     | 24     | 1.742     | -0.075    | 2.605 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 56.3 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 21   | 3      | 24     | 1.742     | -0.098    | 2.605 | 0.023     | 0.02      | 0         | 54.6 | 57.2 | 57.2 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 21   | 13     | 24     | 1.765     | -0.085    | 2.605 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 55.9 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 21   | 23     | 24     | 1.755     | -0.141    | 2.605 | 0.02      | 0.016     | 0         | 55   | 57.2 | 56.8 | 163        | 170        | 0          | 35     | 37     |
| 2009 | 6     | 12  | 21   | 33     | 24     | 1.775     | -0.075    | 2.605 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 56.8 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 21   | 43     | 24     | 1.749     | -0.072    | 2.605 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 56.8 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 21   | 53     | 24     | 1.762     | -0.095    | 2.605 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 56.8 | 163        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 12  | 22   | 3      | 24     | 1.755     | -0.112    | 2.605 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 56.8 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 22   | 13     | 24     | 1.722     | -0.157    | 2.605 | 0.016     | 0.013     | 0         | 54.6 | 56.3 | 56.3 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 12  | 22   | 23     | 24     | 1.781     | -0.135    | 2.605 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 56.8 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 22   | 33     | 24     | 1.778     | -0.115    | 2.605 | 0.02      | 0.016     | 0         | 54.2 | 56.3 | 57.2 | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 12  | 22   | 43     | 24     | 1.768     | -0.203    | 2.608 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 56.3 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 22   | 53     | 24     | 1.732     | -0.079    | 2.608 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 55.9 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 23   | 3      | 24     | 1.755     | -0.105    | 2.605 | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 56.3 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 23   | 13     | 24     | 1.719     | -0.121    | 2.605 | 0.02      | 0.016     | 0         | 54.6 | 56.3 | 57.6 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 12  | 23   | 23     | 24     | 1.673     | -0.102    | 2.608 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 56.3 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 23   | 33     | 24     | 1.732     | -0.118    | 2.608 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 55.9 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 12  | 23   | 43     | 24     | 1.755     | -0.112    | 2.605 | 0.02      | 0.016     | 0         | 55   | 56.8 | 56.8 | 163        | 169        | 0          | 35     | 37     |
| 2009 | 6     | 12  | 23   | 53     | 24     | 1.749     | -0.131    | 2.605 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 56.3 | 163        | 170        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 13  | 0    | 3      | 24     | 1.768     | -0.138    | 2.608 | 0.016     | 0.016     | 0         | 55   | 57.2 | 56.8 | 163        | 170        | 0          | 35     | 37     |
| 2009 | 6     | 13  | 0    | 13     | 24     | 1.706     | -0.112    | 2.605 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 55.9 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 13  | 0    | 23     | 24     | 1.706     | -0.105    | 2.608 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 55.5 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 0    | 33     | 24     | 1.752     | -0.141    | 2.605 | 0.016     | 0.016     | 0         | 55   | 57.2 | 55.9 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 13  | 0    | 43     | 24     | 1.755     | -0.151    | 2.605 | 0.016     | 0.016     | 0         | 55.5 | 56.8 | 56.8 | 164        | 170        | 0          | 35     | 38     |
| 2009 | 6     | 13  | 0    | 53     | 24     | 1.706     | -0.148    | 2.605 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 55.5 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 1    | 3      | 24     | 1.765     | -0.18     | 2.605 | 0.016     | 0.016     | 0         | 55   | 57.2 | 56.8 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 1    | 13     | 24     | 1.709     | -0.089    | 2.605 | 0.023     | 0.02      | 0         | 55   | 57.6 | 56.8 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 1    | 23     | 24     | 1.703     | -0.197    | 2.605 | 0.016     | 0.016     | 0         | 55   | 58   | 55.9 | 164        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 13  | 1    | 33     | 24     | 1.742     | -0.069    | 2.605 | 0.02      | 0.016     | 0         | 55.5 | 57.2 | 56.3 | 164        | 171        | 0          | 35     | 38     |
| 2009 | 6     | 13  | 1    | 43     | 24     | 1.732     | -0.056    | 2.605 | 0.016     | 0.013     | 0         | 55   | 57.2 | 55.9 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 1    | 53     | 24     | 1.749     | -0.138    | 2.605 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 54.6 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 2    | 3      | 24     | 1.775     | -0.144    | 2.605 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 55.9 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 2    | 13     | 24     | 1.778     | -0.112    | 2.605 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 55.9 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 2    | 23     | 24     | 1.736     | -0.089    | 2.605 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 55.5 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 2    | 33     | 24     | 1.762     | -0.082    | 2.605 | 0.016     | 0.016     | 0         | 55.5 | 58   | 55   | 165        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 13  | 2    | 43     | 24     | 1.749     | -0.082    | 2.605 | 0.02      | 0.016     | 0         | 55   | 57.6 | 56.3 | 165        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 13  | 2    | 53     | 24     | 1.696     | -0.148    | 2.605 | 0.02      | 0.016     | 0         | 55.5 | 58   | 55.9 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 3    | 3      | 24     | 1.729     | -0.131    | 2.602 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 55.9 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 3    | 13     | 24     | 1.742     | -0.062    | 2.605 | 0.016     | 0.016     | 0         | 55.5 | 58   | 55.9 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 3    | 23     | 24     | 1.726     | -0.095    | 2.605 | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 55.5 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 3    | 33     | 24     | 1.732     | -0.092    | 2.605 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 55.5 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 3    | 43     | 24     | 1.709     | -0.148    | 2.605 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 55.5 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 3    | 53     | 24     | 1.759     | -0.098    | 2.605 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 55   | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 13  | 4    | 3      | 24     | 1.732     | -0.141    | 2.605 | 0.016     | 0.016     | 0         | 55.9 | 58   | 55.9 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 4    | 13     | 24     | 1.781     | -0.151    | 2.602 | 0.02      | 0.016     | 0         | 55.5 | 58   | 54.2 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 4    | 23     | 24     | 1.775     | -0.223    | 2.605 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 55   | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 13  | 4    | 33     | 24     | 1.696     | -0.108    | 2.605 | 0.02      | 0.016     | 0         | 55.9 | 58   | 54.6 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 4    | 43     | 24     | 1.765     | -0.128    | 2.605 | 0.016     | 0.016     | 0         | 55.5 | 58   | 55.5 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 4    | 53     | 24     | 1.736     | -0.102    | 2.605 | 0.016     | 0.016     | 0         | 55.5 | 58   | 55   | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 5    | 3      | 24     | 1.716     | -0.102    | 2.602 | 0.016     | 0.016     | 0         | 55.5 | 58   | 54.2 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 5    | 13     | 24     | 1.739     | -0.135    | 2.605 | 0.016     | 0.016     | 0         | 55.5 | 58   | 54.2 | 166        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 13  | 5    | 23     | 24     | 1.739     | -0.125    | 2.605 | 0.016     | 0.013     | 0         | 56.3 | 58.5 | 54.2 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 5    | 33     | 24     | 1.749     | -0.184    | 2.605 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 54.2 | 166        | 173        | 0          | 35     | 37     |
| 2009 | 6     | 13  | 5    | 43     | 24     | 1.732     | -0.095    | 2.605 | 0.016     | 0.016     | 0         | 56.3 | 58   | 53.3 | 167        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 13  | 5    | 53     | 24     | 1.736     | -0.102    | 2.605 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 54.2 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 6    | 3      | 24     | 1.696     | -0.125    | 2.605 | 0.02      | 0.016     | 0         | 55.9 | 58   | 54.2 | 167        | 173        | 0          | 37     | 38     |
| 2009 | 6     | 13  | 6    | 13     | 24     | 1.765     | -0.141    | 2.608 | 0.016     | 0.016     | 0         | 55.9 | 58   | 54.2 | 166        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 13  | 6    | 23     | 24     | 1.742     | -0.118    | 2.608 | 0.02      | 0.016     | 0         | 55.9 | 58.5 | 53.8 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 6    | 33     | 24     | 1.703     | -0.135    | 2.608 | 0.016     | 0.016     | 0         | 55.9 | 58   | 53.8 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 6    | 43     | 24     | 1.759     | -0.092    | 2.608 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 54.6 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 13  | 6    | 53     | 24     | 1.739     | -0.121    | 2.612 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 54.2 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 13  | 7    | 3      | 24     | 1.745     | -0.131    | 2.608 | 0.02      | 0.016     | 0         | 55   | 57.6 | 54.6 | 165        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 13  | 7    | 13     | 24     | 1.755     | -0.098    | 2.612 | 0.016     | 0.013     | 0         | 55.5 | 57.2 | 55   | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 13  | 7    | 23     | 24     | 1.745     | -0.085    | 2.612 | 0.02      | 0.016     | 0         | 55.5 | 57.2 | 54.2 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 13  | 7    | 33     | 24     | 1.749     | -0.112    | 2.612 | 0.02      | 0.016     | 0         | 55.5 | 58   | 54.2 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 7    | 43     | 24     | 1.736     | -0.125    | 2.608 | 0.016     | 0.016     | 0         | 55.5 | 58   | 55   | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 7    | 53     | 24     | 1.732     | -0.098    | 2.612 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 55   | 165        | 171        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 13  | 8    | 3      | 24     | 1.729     | -0.112    | 2.612 | 0.02      | 0.016     | 0         | 55   | 57.6 | 55   | 165        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 13  | 8    | 13     | 24     | 1.736     | -0.085    | 2.612 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 55   | 165        | 172        | 0          | 35     | 38     |
| 2009 | 6     | 13  | 8    | 23     | 24     | 1.736     | -0.161    | 2.612 | 0.02      | 0.016     | 0         | 55   | 58   | 55   | 165        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 13  | 8    | 33     | 24     | 1.732     | -0.125    | 2.612 | 0.02      | 0.016     | 0         | 55.5 | 58   | 55   | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 8    | 43     | 24     | 1.722     | -0.108    | 2.615 | 0.016     | 0.016     | 0         | 55.9 | 58   | 54.2 | 166        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 13  | 8    | 53     | 24     | 1.699     | -0.098    | 2.612 | 0.016     | 0.016     | 0         | 55.9 | 58   | 55.9 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 9    | 3      | 24     | 1.703     | -0.131    | 2.612 | 0.016     | 0.016     | 0         | 55.5 | 58   | 55.5 | 166        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 13  | 9    | 13     | 24     | 1.749     | -0.161    | 2.615 | 0.016     | 0.013     | 0         | 55.9 | 57.6 | 54.6 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 13  | 9    | 23     | 24     | 1.749     | -0.144    | 2.612 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 53.3 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 13  | 9    | 33     | 24     | 1.729     | -0.171    | 2.612 | 0.02      | 0.016     | 0         | 55.5 | 58   | 54.6 | 166        | 173        | 0          | 37     | 38     |
| 2009 | 6     | 13  | 9    | 43     | 24     | 1.752     | -0.128    | 2.612 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 54.2 | 166        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 13  | 9    | 53     | 24     | 1.749     | -0.095    | 2.615 | 0.016     | 0.016     | 0         | 55.5 | 58   | 55   | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 10   | 3      | 24     | 1.703     | -0.131    | 2.615 | 0.016     | 0.016     | 0         | 55.5 | 58   | 55.5 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 10   | 13     | 24     | 1.762     | -0.141    | 2.612 | 0.02      | 0.016     | 0         | 55   | 58   | 54.6 | 165        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 13  | 10   | 23     | 24     | 1.722     | -0.095    | 2.612 | 0.016     | 0.016     | 0         | 55.9 | 58   | 54.6 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 10   | 33     | 24     | 1.775     | -0.121    | 2.615 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 54.6 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 13  | 10   | 43     | 24     | 1.732     | -0.085    | 2.615 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 55   | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 13  | 10   | 53     | 24     | 1.729     | -0.075    | 2.612 | 0.02      | 0.016     | 0         | 55.5 | 58   | 54.2 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 11   | 3      | 24     | 1.739     | -0.121    | 2.612 | 0.02      | 0.016     | 0         | 55.5 | 58.5 | 55.9 | 165        | 172        | 0          | 36     | 36     |
| 2009 | 6     | 13  | 11   | 13     | 24     | 1.785     | -0.141    | 2.615 | 0.016     | 0.016     | 0         | 55   | 57.2 | 55.5 | 165        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 13  | 11   | 23     | 24     | 1.742     | -0.154    | 2.612 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 55.9 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 11   | 33     | 24     | 1.749     | -0.138    | 2.612 | 0.02      | 0.016     | 0         | 55   | 57.2 | 55.9 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 13  | 11   | 43     | 24     | 1.749     | -0.148    | 2.612 | 0.016     | 0.016     | 0         | 54.6 | 57.6 | 54.6 | 164        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 13  | 11   | 53     | 24     | 1.709     | -0.2      | 2.612 | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 55.9 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 12   | 3      | 24     | 1.778     | -0.118    | 2.612 | 0.016     | 0.016     | 0         | 55   | 57.6 | 54.6 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 12   | 13     | 24     | 1.693     | -0.072    | 2.612 | 0.016     | 0.016     | 0         | 55   | 57.2 | 56.3 | 165        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 13  | 12   | 23     | 24     | 1.719     | -0.148    | 2.615 | 0.02      | 0.016     | 0         | 55   | 57.2 | 55.5 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 13  | 12   | 33     | 24     | 1.68      | -0.128    | 2.615 | 0.016     | 0.016     | 0         | 55   | 57.6 | 55.5 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 12   | 43     | 24     | 1.739     | -0.052    | 2.615 | 0.02      | 0.016     | 0         | 55   | 57.6 | 56.8 | 165        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 13  | 12   | 53     | 24     | 1.729     | -0.072    | 2.615 | 0.02      | 0.016     | 0         | 55   | 57.6 | 56.8 | 165        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 13  | 13   | 3      | 24     | 1.755     | -0.151    | 2.615 | 0.02      | 0.016     | 0         | 55   | 57.2 | 56.3 | 165        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 13  | 13   | 13     | 24     | 1.693     | -0.049    | 2.615 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 55   | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 13   | 23     | 24     | 1.736     | -0.148    | 2.612 | 0.016     | 0.013     | 0         | 55.5 | 58   | 55.5 | 166        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 13  | 13   | 33     | 24     | 1.706     | -0.108    | 2.612 | 0.02      | 0.016     | 0         | 55.5 | 58   | 55.5 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 13   | 43     | 24     | 1.732     | -0.098    | 2.612 | 0.02      | 0.016     | 0         | 55   | 57.6 | 55   | 165        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 13  | 13   | 53     | 24     | 1.729     | -0.075    | 2.612 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 55.9 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 14   | 3      | 24     | 1.673     | -0.075    | 2.612 | 0.02      | 0.016     | 0         | 55   | 57.2 | 55   | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 13  | 14   | 13     | 24     | 1.755     | -0.157    | 2.612 | 0.02      | 0.016     | 0         | 55   | 57.2 | 54.2 | 165        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 13  | 14   | 23     | 24     | 1.719     | -0.066    | 2.615 | 0.02      | 0.016     | 0         | 55   | 57.6 | 55   | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 14   | 33     | 24     | 1.742     | -0.089    | 2.615 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 55   | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 14   | 43     | 24     | 1.759     | -0.105    | 2.612 | 0.016     | 0.016     | 0         | 54.6 | 57.6 | 55.9 | 164        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 13  | 14   | 53     | 24     | 1.732     | -0.092    | 2.615 | 0.02      | 0.016     | 0         | 55   | 57.6 | 54.2 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 15   | 3      | 24     | 1.745     | -0.039    | 2.615 | 0.02      | 0.016     | 0         | 55.5 | 58   | 56.3 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 15   | 13     | 24     | 1.677     | -0.112    | 2.612 | 0.016     | 0.016     | 0         | 55.9 | 58   | 55.5 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 15   | 23     | 24     | 1.736     | -0.082    | 2.612 | 0.016     | 0.016     | 0         | 55.5 | 58   | 54.6 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 15   | 33     | 24     | 1.709     | -0.21     | 2.612 | 0.016     | 0.013     | 0         | 55   | 57.6 | 55.5 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 15   | 43     | 24     | 1.749     | -0.043    | 2.612 | 0.016     | 0.016     | 0         | 55   | 57.6 | 54.6 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 15   | 53     | 24     | 1.759     | -0.085    | 2.612 | 0.016     | 0.016     | 0         | 55   | 57.6 | 55.5 | 164        | 171        | 0          | 36     | 37     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 13  | 16   | 3      | 24     | 1.759     | -0.085    | 2.612 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 55   | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 16   | 13     | 24     | 1.716     | -0.085    | 2.612 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 55.5 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 16   | 23     | 24     | 1.706     | -0.085    | 2.612 | 0.02      | 0.016     | 0         | 55.5 | 58   | 55.9 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 16   | 33     | 24     | 1.706     | -0.098    | 2.608 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 55.5 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 16   | 43     | 24     | 1.69      | -0.105    | 2.608 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 54.2 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 16   | 53     | 24     | 1.706     | -0.085    | 2.612 | 0.016     | 0.016     | 0         | 55.5 | 58   | 55   | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 17   | 3      | 24     | 1.703     | -0.144    | 2.608 | 0.016     | 0.016     | 0         | 55.5 | 58   | 55.5 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 17   | 13     | 24     | 1.709     | -0.03     | 2.608 | 0.016     | 0.016     | 0         | 55.5 | 58   | 55   | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 17   | 23     | 24     | 1.729     | -0.108    | 2.608 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 54.6 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 17   | 33     | 24     | 1.762     | -0.118    | 2.605 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 54.6 | 164        | 171        | 0          | 35     | 38     |
| 2009 | 6     | 13  | 17   | 43     | 24     | 1.722     | -0.072    | 2.605 | 0.016     | 0.016     | 0         | 55   | 58   | 56.3 | 164        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 13  | 17   | 53     | 24     | 1.768     | -0.148    | 2.605 | 0.016     | 0.016     | 0         | 55   | 57.2 | 54.6 | 165        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 13  | 18   | 3      | 24     | 1.749     | -0.177    | 2.605 | 0.02      | 0.016     | 0         | 54.6 | 57.6 | 56.3 | 164        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 13  | 18   | 13     | 24     | 1.775     | -0.18     | 2.605 | 0.016     | 0.016     | 0         | 55   | 57.2 | 55   | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 18   | 23     | 24     | 1.742     | -0.125    | 2.605 | 0.016     | 0.013     | 0         | 55   | 57.2 | 55.9 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 13  | 18   | 33     | 24     | 1.742     | -0.121    | 2.608 | 0.016     | 0.016     | 0         | 55   | 57.6 | 55   | 165        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 13  | 18   | 43     | 24     | 1.755     | -0.095    | 2.608 | 0.02      | 0.016     | 0         | 55   | 57.6 | 55.9 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 18   | 53     | 24     | 1.722     | -0.131    | 2.605 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 55.9 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 13  | 19   | 3      | 24     | 1.742     | -0.128    | 2.608 | 0.02      | 0.016     | 0         | 55.5 | 58   | 55.5 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 19   | 13     | 24     | 1.713     | -0.131    | 2.605 | 0.016     | 0.013     | 0         | 55.9 | 58   | 55.5 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 19   | 23     | 24     | 1.729     | -0.144    | 2.605 | 0.016     | 0.016     | 0         | 55.5 | 58   | 56.3 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 19   | 33     | 24     | 1.713     | -0.092    | 2.608 | 0.016     | 0.013     | 0         | 57.2 | 60.2 | 53.8 | 170        | 177        | 0          | 37     | 37     |
| 2009 | 6     | 13  | 19   | 43     | 24     | 1.709     | -0.092    | 2.605 | 0.016     | 0.016     | 0         | 58   | 60.6 | 52.9 | 171        | 177        | 0          | 36     | 36     |
| 2009 | 6     | 13  | 19   | 53     | 24     | 1.696     | -0.039    | 2.608 | 0.016     | 0.013     | 0         | 57.6 | 59.8 | 53.8 | 170        | 177        | 0          | 36     | 38     |
| 2009 | 6     | 13  | 20   | 3      | 24     | 1.745     | -0.102    | 2.605 | 0.02      | 0.016     | 0         | 57.2 | 59.8 | 53.8 | 169        | 176        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 20   | 13     | 24     | 1.765     | -0.112    | 2.605 | 0.016     | 0.016     | 0         | 56.8 | 59.3 | 54.6 | 168        | 175        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 20   | 23     | 24     | 1.699     | -0.046    | 2.605 | 0.016     | 0.016     | 0         | 56.8 | 58.9 | 55.5 | 168        | 174        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 20   | 33     | 24     | 1.745     | -0.095    | 2.605 | 0.016     | 0.016     | 0         | 56.3 | 58   | 54.6 | 167        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 13  | 20   | 43     | 24     | 1.726     | -0.072    | 2.605 | 0.02      | 0.016     | 0         | 55.5 | 58.5 | 55.5 | 166        | 173        | 0          | 37     | 37     |
| 2009 | 6     | 13  | 20   | 53     | 24     | 1.726     | -0.098    | 2.605 | 0.016     | 0.016     | 0         | 55.9 | 58   | 56.3 | 166        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 13  | 21   | 3      | 24     | 1.703     | -0.092    | 2.608 | 0.016     | 0.016     | 0         | 55.5 | 58.5 | 55.9 | 165        | 172        | 0          | 36     | 36     |
| 2009 | 6     | 13  | 21   | 13     | 24     | 1.713     | -0.095    | 2.605 | 0.016     | 0.016     | 0         | 55.5 | 58   | 55.5 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 21   | 23     | 24     | 1.703     | -0.144    | 2.605 | 0.016     | 0.016     | 0         | 55.5 | 58   | 57.2 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 21   | 33     | 24     | 1.69      | -0.069    | 2.605 | 0.02      | 0.016     | 0         | 55.5 | 58   | 56.3 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 21   | 43     | 24     | 1.709     | -0.144    | 2.605 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 56.3 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 21   | 53     | 24     | 1.696     | -0.089    | 2.605 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 57.2 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 22   | 3      | 24     | 1.713     | -0.135    | 2.605 | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 55.9 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 22   | 13     | 24     | 1.713     | -0.141    | 2.605 | 0.02      | 0.016     | 0         | 55   | 57.6 | 55.9 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 22   | 23     | 24     | 1.719     | -0.092    | 2.605 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 56.3 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 13  | 22   | 33     | 24     | 1.719     | -0.056    | 2.605 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 57.2 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 22   | 43     | 24     | 1.706     | -0.082    | 2.605 | 0.016     | 0.016     | 0         | 55.5 | 58   | 55.9 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 22   | 53     | 24     | 1.696     | -0.157    | 2.605 | 0.016     | 0.016     | 0         | 55.5 | 58.5 | 55.9 | 165        | 172        | 0          | 36     | 36     |
| 2009 | 6     | 13  | 23   | 3      | 24     | 1.713     | -0.102    | 2.605 | 0.016     | 0.013     | 0         | 55.5 | 58   | 56.8 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 23   | 13     | 24     | 1.703     | -0.072    | 2.605 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 55.9 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 13  | 23   | 23     | 24     | 1.696     | -0.102    | 2.605 | 0.016     | 0.013     | 0         | 55.5 | 58.5 | 55.9 | 166        | 172        | 0          | 37     | 36     |
| 2009 | 6     | 13  | 23   | 33     | 24     | 1.703     | -0.118    | 2.605 | 0.016     | 0.013     | 0         | 55.9 | 58.5 | 56.3 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 23   | 43     | 24     | 1.755     | -0.18     | 2.602 | 0.016     | 0.013     | 0         | 55.9 | 58.5 | 56.3 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 13  | 23   | 53     | 24     | 1.745     | -0.138    | 2.602 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 55.9 | 165        | 172        | 0          | 36     | 38     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 14  | 0    | 3      | 24     | 1.755     | -0.128    | 2.602 | 0.016     | 0.016     | 0         | 55.9 | 58   | 56.3 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 0    | 13     | 24     | 1.703     | -0.056    | 2.602 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 56.8 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 0    | 23     | 24     | 1.765     | -0.157    | 2.602 | 0.016     | 0.013     | 0         | 55.9 | 58   | 57.2 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 0    | 33     | 24     | 1.703     | -0.157    | 2.602 | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 57.6 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 14  | 0    | 43     | 24     | 1.722     | -0.118    | 2.602 | 0.016     | 0.016     | 0         | 55.5 | 58   | 57.6 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 0    | 53     | 24     | 1.722     | -0.115    | 2.602 | 0.02      | 0.016     | 0         | 55.5 | 58   | 57.6 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 1    | 3      | 24     | 1.699     | -0.121    | 2.602 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 58.5 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 1    | 13     | 24     | 1.732     | -0.121    | 2.598 | 0.02      | 0.016     | 0         | 55.5 | 58   | 58.9 | 165        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 14  | 1    | 23     | 24     | 1.693     | -0.046    | 2.602 | 0.016     | 0.013     | 0         | 55.5 | 57.2 | 57.2 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 14  | 1    | 33     | 24     | 1.749     | -0.098    | 2.598 | 0.02      | 0.016     | 0         | 55.9 | 58   | 57.2 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 1    | 43     | 24     | 1.722     | -0.131    | 2.598 | 0.016     | 0.016     | 0         | 55.5 | 58   | 56.8 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 1    | 53     | 24     | 1.696     | -0.066    | 2.598 | 0.016     | 0.016     | 0         | 55.5 | 58   | 56.8 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 2    | 3      | 24     | 1.762     | -0.075    | 2.598 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 57.2 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 14  | 2    | 13     | 24     | 1.762     | -0.121    | 2.598 | 0.02      | 0.016     | 0         | 55.9 | 58   | 57.6 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 2    | 23     | 24     | 1.726     | -0.075    | 2.598 | 0.016     | 0.016     | 0         | 55.9 | 58   | 57.6 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 2    | 33     | 24     | 1.716     | -0.098    | 2.598 | 0.016     | 0.016     | 0         | 55.9 | 58   | 58   | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 2    | 43     | 24     | 1.726     | -0.108    | 2.598 | 0.016     | 0.016     | 0         | 55.9 | 58   | 57.2 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 2    | 53     | 24     | 1.716     | -0.135    | 2.598 | 0.016     | 0.016     | 0         | 55.9 | 58   | 56.8 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 3    | 3      | 24     | 1.739     | -0.046    | 2.598 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 57.2 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 14  | 3    | 13     | 24     | 1.732     | -0.157    | 2.595 | 0.016     | 0.016     | 0         | 55.9 | 58   | 56.8 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 3    | 23     | 24     | 1.693     | -0.082    | 2.595 | 0.016     | 0.013     | 0         | 55.9 | 58   | 55.9 | 166        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 14  | 3    | 33     | 24     | 1.722     | -0.144    | 2.595 | 0.016     | 0.013     | 0         | 55.9 | 58   | 57.2 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 3    | 43     | 24     | 1.722     | -0.128    | 2.595 | 0.02      | 0.016     | 0         | 55.9 | 58.5 | 57.2 | 166        | 172        | 0          | 36     | 36     |
| 2009 | 6     | 14  | 3    | 53     | 24     | 1.703     | -0.108    | 2.595 | 0.016     | 0.016     | 0         | 55.9 | 58   | 55.9 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 4    | 3      | 24     | 1.713     | -0.118    | 2.595 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 57.6 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 14  | 4    | 13     | 24     | 1.726     | -0.121    | 2.595 | 0.016     | 0.016     | 0         | 55.9 | 58   | 56.3 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 4    | 23     | 24     | 1.765     | -0.164    | 2.595 | 0.016     | 0.016     | 0         | 55.9 | 58   | 56.8 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 4    | 33     | 24     | 1.69      | -0.121    | 2.592 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 57.6 | 166        | 173        | 0          | 35     | 37     |
| 2009 | 6     | 14  | 4    | 43     | 24     | 1.732     | -0.148    | 2.592 | 0.02      | 0.016     | 0         | 55.9 | 58.5 | 56.8 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 4    | 53     | 24     | 1.716     | -0.056    | 2.592 | 0.016     | 0.013     | 0         | 55.9 | 58   | 57.2 | 166        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 14  | 5    | 3      | 24     | 1.693     | -0.075    | 2.592 | 0.02      | 0.016     | 0         | 55.9 | 58.5 | 55.9 | 167        | 173        | 0          | 37     | 37     |
| 2009 | 6     | 14  | 5    | 13     | 24     | 1.729     | -0.085    | 2.592 | 0.016     | 0.016     | 0         | 56.3 | 58.9 | 56.8 | 167        | 174        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 5    | 23     | 24     | 1.752     | -0.036    | 2.592 | 0.02      | 0.016     | 0         | 56.3 | 58.9 | 56.8 | 167        | 173        | 0          | 36     | 36     |
| 2009 | 6     | 14  | 5    | 33     | 24     | 1.673     | -0.154    | 2.592 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 57.2 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 5    | 43     | 24     | 1.752     | -0.072    | 2.592 | 0.016     | 0.013     | 0         | 56.3 | 58.5 | 57.6 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 5    | 53     | 24     | 1.742     | -0.125    | 2.592 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 56.8 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 6    | 3      | 24     | 1.729     | -0.075    | 2.592 | 0.016     | 0.016     | 0         | 55.9 | 58   | 57.2 | 167        | 173        | 0          | 37     | 38     |
| 2009 | 6     | 14  | 6    | 13     | 24     | 1.713     | -0.125    | 2.589 | 0.016     | 0.013     | 0         | 55.9 | 58.5 | 58.5 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 6    | 23     | 24     | 1.709     | -0.046    | 2.592 | 0.016     | 0.016     | 0         | 55.9 | 58   | 57.2 | 166        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 14  | 6    | 33     | 24     | 1.755     | -0.151    | 2.589 | 0.02      | 0.016     | 0         | 55.9 | 58   | 56.3 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 6    | 43     | 24     | 1.726     | -0.098    | 2.589 | 0.02      | 0.016     | 0         | 55   | 57.6 | 57.2 | 165        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 14  | 6    | 53     | 24     | 1.726     | -0.197    | 2.589 | 0.02      | 0.016     | 0         | 55.5 | 58   | 59.8 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 7    | 3      | 24     | 1.775     | -0.108    | 2.589 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 56.3 | 165        | 171        | 0          | 35     | 37     |
| 2009 | 6     | 14  | 7    | 13     | 24     | 1.739     | -0.03     | 2.589 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 57.2 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 7    | 23     | 24     | 1.765     | -0.072    | 2.589 | 0.016     | 0.013     | 0         | 55   | 57.6 | 58   | 165        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 14  | 7    | 33     | 24     | 1.759     | -0.092    | 2.589 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 58   | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 7    | 43     | 24     | 1.736     | -0.154    | 2.589 | 0.016     | 0.016     | 0         | 55   | 57.6 | 58.5 | 165        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 14  | 7    | 53     | 24     | 1.696     | -0.089    | 2.589 | 0.016     | 0.016     | 0         | 55.5 | 58   | 57.6 | 165        | 172        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 14  | 8    | 3      | 24     | 1.729     | -0.092    | 2.589 | 0.016     | 0.016     | 0         | 55   | 57.6 | 58.5 | 165        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 14  | 8    | 13     | 24     | 1.709     | -0.105    | 2.589 | 0.02      | 0.016     | 0         | 55.5 | 58   | 58.5 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 8    | 23     | 24     | 1.69      | -0.043    | 2.589 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 58.5 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 14  | 8    | 33     | 24     | 1.755     | -0.036    | 2.589 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 57.6 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 14  | 8    | 43     | 24     | 1.716     | -0.138    | 2.585 | 0.02      | 0.016     | 0         | 55.9 | 57.6 | 57.6 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 14  | 8    | 53     | 24     | 1.706     | -0.121    | 2.589 | 0.016     | 0.016     | 0         | 55   | 58   | 58.5 | 165        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 14  | 9    | 3      | 24     | 1.719     | -0.108    | 2.589 | 0.016     | 0.016     | 0         | 55.5 | 58   | 57.6 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 9    | 13     | 24     | 1.686     | -0.164    | 2.585 | 0.016     | 0.016     | 0         | 55.5 | 58   | 58   | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 9    | 23     | 24     | 1.686     | -0.02     | 2.585 | 0.016     | 0.016     | 0         | 55   | 57.2 | 59.3 | 165        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 14  | 9    | 33     | 24     | 1.716     | -0.141    | 2.585 | 0.02      | 0.016     | 0         | 55   | 57.2 | 58.5 | 165        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 14  | 9    | 43     | 24     | 1.696     | -0.098    | 2.585 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 58.5 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 14  | 9    | 53     | 24     | 1.719     | -0.118    | 2.585 | 0.016     | 0.013     | 0         | 55.5 | 58   | 57.6 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 10   | 3      | 24     | 1.683     | -0.112    | 2.585 | 0.016     | 0.016     | 0         | 55.9 | 58   | 58.5 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 10   | 13     | 24     | 1.677     | -0.062    | 2.585 | 0.016     | 0.016     | 0         | 55.9 | 58   | 57.6 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 10   | 23     | 24     | 1.726     | -0.141    | 2.585 | 0.016     | 0.016     | 0         | 55.9 | 58   | 58   | 166        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 14  | 10   | 33     | 24     | 1.762     | -0.118    | 2.585 | 0.016     | 0.013     | 0         | 55   | 57.6 | 57.6 | 165        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 14  | 10   | 43     | 24     | 1.719     | -0.118    | 2.585 | 0.02      | 0.016     | 0         | 55   | 57.6 | 57.6 | 166        | 172        | 0          | 38     | 38     |
| 2009 | 6     | 14  | 10   | 53     | 24     | 1.732     | -0.118    | 2.585 | 0.016     | 0.013     | 0         | 56.3 | 58.5 | 56.8 | 167        | 174        | 0          | 36     | 38     |
| 2009 | 6     | 14  | 11   | 3      | 24     | 1.686     | -0.108    | 2.585 | 0.016     | 0.016     | 0         | 55.9 | 58   | 56.8 | 166        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 14  | 11   | 13     | 24     | 1.739     | -0.128    | 2.585 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 58.5 | 166        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 14  | 11   | 23     | 24     | 1.703     | -0.098    | 2.585 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 58   | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 14  | 11   | 33     | 24     | 1.739     | -0.177    | 2.585 | 0.016     | 0.016     | 0         | 56.3 | 58   | 58   | 167        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 14  | 11   | 43     | 24     | 1.703     | -0.174    | 2.585 | 0.02      | 0.016     | 0         | 55.9 | 58   | 57.2 | 166        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 14  | 11   | 53     | 24     | 1.742     | -0.125    | 2.585 | 0.016     | 0.013     | 0         | 56.3 | 58.5 | 57.2 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 12   | 3      | 24     | 1.765     | -0.138    | 2.585 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 57.2 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 14  | 12   | 13     | 24     | 1.726     | -0.161    | 2.585 | 0.023     | 0.02      | 0         | 55.5 | 58   | 58   | 166        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 14  | 12   | 23     | 24     | 1.726     | -0.125    | 2.585 | 0.016     | 0.013     | 0         | 55   | 57.6 | 58   | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 12   | 33     | 24     | 1.739     | -0.118    | 2.585 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 58.9 | 164        | 170        | 0          | 37     | 37     |
| 2009 | 6     | 14  | 12   | 43     | 24     | 1.713     | -0.098    | 2.585 | 0.02      | 0.016     | 0         | 55   | 56.8 | 58.5 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 14  | 12   | 53     | 24     | 1.732     | -0.144    | 2.585 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 58.5 | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 14  | 13   | 3      | 24     | 1.726     | -0.085    | 2.585 | 0.016     | 0.016     | 0         | 55   | 56.8 | 58   | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 14  | 13   | 13     | 24     | 1.745     | -0.085    | 2.585 | 0.016     | 0.016     | 0         | 55   | 57.2 | 57.6 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 13   | 23     | 24     | 1.709     | -0.131    | 2.585 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 57.6 | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 14  | 13   | 33     | 24     | 1.732     | -0.118    | 2.585 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 58.5 | 165        | 170        | 0          | 36     | 36     |
| 2009 | 6     | 14  | 13   | 43     | 24     | 1.742     | -0.151    | 2.585 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 57.2 | 163        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 14  | 13   | 53     | 24     | 1.719     | -0.062    | 2.585 | 0.016     | 0.016     | 0         | 55   | 56.8 | 58.5 | 163        | 170        | 0          | 35     | 38     |
| 2009 | 6     | 14  | 14   | 3      | 24     | 1.69      | -0.154    | 2.585 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 58   | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 14   | 13     | 24     | 1.667     | -0.112    | 2.585 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 58.9 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 14   | 23     | 24     | 1.719     | -0.059    | 2.585 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 58   | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 14   | 33     | 24     | 1.736     | -0.184    | 2.585 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 57.2 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 14   | 43     | 24     | 1.768     | -0.052    | 2.585 | 0.016     | 0.013     | 0         | 54.6 | 56.3 | 55   | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 14  | 14   | 53     | 24     | 1.729     | -0.095    | 2.585 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 56.8 | 163        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 14  | 15   | 3      | 24     | 1.739     | -0.115    | 2.585 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 56.3 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 15   | 13     | 24     | 1.716     | -0.089    | 2.585 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 56.8 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 15   | 23     | 24     | 1.739     | -0.075    | 2.582 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 56.3 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 15   | 33     | 24     | 1.752     | -0.102    | 2.585 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 58   | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 15   | 43     | 24     | 1.722     | -0.141    | 2.585 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 56.3 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 15   | 53     | 24     | 1.713     | -0.138    | 2.585 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 55.5 | 163        | 169        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 14  | 16   | 3      | 24     | 1.719     | -0.115    | 2.585 | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 54.6 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 16   | 13     | 24     | 1.745     | -0.125    | 2.582 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 56.3 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 16   | 23     | 24     | 1.739     | -0.115    | 2.582 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 55.9 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 16   | 33     | 24     | 1.745     | -0.2      | 2.582 | 0.016     | 0.016     | 0         | 54.6 | 56.3 | 56.8 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 14  | 16   | 43     | 24     | 1.69      | -0.033    | 2.582 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 56.3 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 16   | 53     | 24     | 1.749     | -0.151    | 2.579 | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 55.5 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 17   | 3      | 24     | 1.709     | -0.115    | 2.582 | 0.02      | 0.016     | 0         | 54.2 | 56.3 | 56.8 | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 14  | 17   | 13     | 24     | 1.749     | -0.138    | 2.579 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 55.5 | 162        | 169        | 0          | 35     | 37     |
| 2009 | 6     | 14  | 17   | 23     | 24     | 1.736     | -0.102    | 2.579 | 0.016     | 0.016     | 0         | 55   | 56.8 | 55.9 | 163        | 169        | 0          | 35     | 37     |
| 2009 | 6     | 14  | 17   | 33     | 24     | 1.722     | -0.108    | 2.579 | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 55.9 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 17   | 43     | 24     | 1.699     | -0.072    | 2.579 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 55.5 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 17   | 53     | 24     | 1.739     | -0.141    | 2.579 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 55.5 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 18   | 3      | 24     | 1.696     | -0.112    | 2.579 | 0.016     | 0.016     | 0         | 54.6 | 56.3 | 55   | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 14  | 18   | 13     | 24     | 1.686     | -0.069    | 2.579 | 0.02      | 0.016     | 0         | 54.2 | 56.3 | 55   | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 14  | 18   | 23     | 24     | 1.716     | -0.125    | 2.579 | 0.02      | 0.016     | 0         | 55   | 57.6 | 55   | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 18   | 33     | 24     | 1.755     | -0.148    | 2.575 | 0.02      | 0.016     | 0         | 55   | 57.2 | 55.5 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 18   | 43     | 24     | 1.713     | -0.121    | 2.575 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 53.8 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 14  | 18   | 53     | 24     | 1.654     | -0.082    | 2.575 | 0.016     | 0.013     | 0         | 54.6 | 57.6 | 55   | 163        | 170        | 0          | 36     | 36     |
| 2009 | 6     | 14  | 19   | 3      | 24     | 1.729     | -0.079    | 2.575 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 55   | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 19   | 13     | 24     | 1.713     | -0.112    | 2.575 | 0.016     | 0.013     | 0         | 55   | 56.8 | 55.5 | 163        | 169        | 0          | 35     | 37     |
| 2009 | 6     | 14  | 19   | 23     | 24     | 1.722     | -0.098    | 2.575 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 55.9 | 162        | 169        | 0          | 35     | 37     |
| 2009 | 6     | 14  | 19   | 33     | 24     | 1.716     | -0.108    | 2.579 | 0.02      | 0.016     | 0         | 55   | 57.2 | 55.5 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 19   | 43     | 24     | 1.683     | -0.085    | 2.575 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 55.5 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 19   | 53     | 24     | 1.726     | -0.138    | 2.575 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 55.5 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 20   | 3      | 24     | 1.719     | -0.098    | 2.575 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 55.9 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 20   | 13     | 24     | 1.713     | -0.105    | 2.575 | 0.016     | 0.013     | 0         | 54.2 | 56.8 | 56.8 | 163        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 14  | 20   | 23     | 24     | 1.693     | -0.164    | 2.575 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 55   | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 20   | 33     | 24     | 1.68      | -0.069    | 2.575 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 55   | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 20   | 43     | 24     | 1.713     | -0.108    | 2.575 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 55.5 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 20   | 53     | 24     | 1.729     | -0.135    | 2.572 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 55.5 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 21   | 3      | 24     | 1.693     | -0.121    | 2.575 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 55.9 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 21   | 13     | 24     | 1.732     | -0.108    | 2.575 | 0.016     | 0.016     | 0         | 55   | 57.2 | 55   | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 21   | 23     | 24     | 1.703     | -0.102    | 2.575 | 0.016     | 0.016     | 0         | 54.2 | 57.2 | 55.5 | 163        | 169        | 0          | 37     | 36     |
| 2009 | 6     | 14  | 21   | 33     | 24     | 1.759     | -0.089    | 2.575 | 0.016     | 0.013     | 0         | 55   | 57.2 | 55.5 | 163        | 170        | 0          | 35     | 37     |
| 2009 | 6     | 14  | 21   | 43     | 24     | 1.69      | -0.059    | 2.575 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 56.3 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 21   | 53     | 24     | 1.709     | -0.069    | 2.572 | 0.016     | 0.016     | 0         | 55   | 57.2 | 56.3 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 22   | 3      | 24     | 1.736     | -0.098    | 2.572 | 0.016     | 0.016     | 0         | 54.6 | 56.3 | 56.3 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 14  | 22   | 13     | 24     | 1.709     | -0.144    | 2.572 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 56.8 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 14  | 22   | 23     | 24     | 1.703     | -0.135    | 2.572 | 0.016     | 0.016     | 0         | 55   | 56.3 | 55.9 | 163        | 169        | 0          | 35     | 38     |
| 2009 | 6     | 14  | 22   | 33     | 24     | 1.732     | -0.112    | 2.572 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 56.3 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 22   | 43     | 24     | 1.709     | -0.102    | 2.572 | 0.016     | 0.013     | 0         | 55   | 57.2 | 56.3 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 22   | 53     | 24     | 1.729     | -0.082    | 2.572 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 57.2 | 164        | 170        | 0          | 35     | 37     |
| 2009 | 6     | 14  | 23   | 3      | 24     | 1.716     | -0.066    | 2.572 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 55.5 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 23   | 13     | 24     | 1.683     | -0.023    | 2.572 | 0.016     | 0.016     | 0         | 55   | 57.6 | 57.2 | 164        | 170        | 0          | 36     | 36     |
| 2009 | 6     | 14  | 23   | 23     | 24     | 1.752     | -0.203    | 2.572 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 57.2 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 23   | 33     | 24     | 1.736     | -0.144    | 2.572 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 57.2 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 14  | 23   | 43     | 24     | 1.726     | -0.148    | 2.569 | 0.016     | 0.013     | 0         | 55   | 56.8 | 55.9 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 14  | 23   | 53     | 24     | 1.729     | -0.125    | 2.569 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 55.9 | 163        | 170        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 15  | 0    | 3      | 24     | 1.749     | -0.098    | 2.569 | 0.016     | 0.016     | 0         | 54.6 | 57.6 | 56.8 | 163        | 170        | 0          | 36     | 36     |
| 2009 | 6     | 15  | 0    | 13     | 24     | 1.736     | -0.089    | 2.569 | 0.02      | 0.016     | 0         | 55   | 57.6 | 55.9 | 164        | 170        | 0          | 36     | 36     |
| 2009 | 6     | 15  | 0    | 23     | 24     | 1.699     | -0.095    | 2.569 | 0.016     | 0.013     | 0         | 55   | 57.2 | 57.2 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 0    | 33     | 24     | 1.749     | -0.089    | 2.569 | 0.016     | 0.016     | 0         | 55   | 57.2 | 55.9 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 0    | 43     | 24     | 1.726     | -0.03     | 2.569 | 0.016     | 0.016     | 0         | 55   | 57.6 | 55.5 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 0    | 53     | 24     | 1.706     | -0.144    | 2.569 | 0.02      | 0.016     | 0         | 55   | 57.2 | 56.8 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 1    | 3      | 24     | 1.722     | -0.161    | 2.569 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 56.3 | 164        | 171        | 0          | 35     | 37     |
| 2009 | 6     | 15  | 1    | 13     | 24     | 1.68      | -0.121    | 2.569 | 0.016     | 0.013     | 0         | 55   | 57.6 | 58   | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 1    | 23     | 24     | 1.693     | -0.039    | 2.566 | 0.016     | 0.013     | 0         | 55   | 57.6 | 57.2 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 1    | 33     | 24     | 1.759     | -0.092    | 2.566 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 56.3 | 164        | 171        | 0          | 35     | 37     |
| 2009 | 6     | 15  | 1    | 43     | 24     | 1.762     | -0.066    | 2.566 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 57.2 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 1    | 53     | 24     | 1.686     | -0.023    | 2.566 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 56.3 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 2    | 3      | 24     | 1.736     | -0.105    | 2.566 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 57.2 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 2    | 13     | 24     | 1.726     | -0.079    | 2.566 | 0.02      | 0.016     | 0         | 55   | 57.6 | 57.2 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 2    | 23     | 24     | 1.732     | -0.013    | 2.566 | 0.016     | 0.013     | 0         | 55.5 | 58.5 | 57.6 | 165        | 172        | 0          | 36     | 36     |
| 2009 | 6     | 15  | 2    | 33     | 24     | 1.693     | -0.135    | 2.566 | 0.016     | 0.016     | 0         | 55.9 | 57.2 | 57.2 | 165        | 171        | 0          | 35     | 38     |
| 2009 | 6     | 15  | 2    | 43     | 24     | 1.762     | -0.118    | 2.566 | 0.016     | 0.016     | 0         | 55.5 | 58.5 | 56.8 | 165        | 172        | 0          | 36     | 36     |
| 2009 | 6     | 15  | 2    | 53     | 24     | 1.755     | -0.105    | 2.566 | 0.02      | 0.016     | 0         | 55.9 | 58   | 57.6 | 165        | 171        | 0          | 35     | 36     |
| 2009 | 6     | 15  | 3    | 3      | 24     | 1.732     | -0.121    | 2.566 | 0.016     | 0.016     | 0         | 55.9 | 58   | 57.6 | 165        | 172        | 0          | 35     | 37     |
| 2009 | 6     | 15  | 3    | 13     | 24     | 1.759     | -0.03     | 2.562 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 56.8 | 166        | 172        | 0          | 35     | 36     |
| 2009 | 6     | 15  | 3    | 23     | 24     | 1.696     | -0.121    | 2.562 | 0.02      | 0.016     | 0         | 55.5 | 58   | 57.2 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 3    | 33     | 24     | 1.703     | -0.075    | 2.566 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 57.2 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 3    | 43     | 24     | 1.765     | -0.046    | 2.562 | 0.02      | 0.016     | 0         | 57.2 | 59.3 | 55.5 | 169        | 175        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 3    | 53     | 24     | 1.732     | -0.079    | 2.562 | 0.023     | 0.02      | 0         | 55.5 | 58   | 57.2 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 4    | 3      | 24     | 1.706     | -0.092    | 2.562 | 0.02      | 0.016     | 0         | 55.9 | 58.5 | 56.3 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 4    | 13     | 24     | 1.68      | -0.092    | 2.562 | 0.023     | 0.02      | 0         | 56.3 | 58.5 | 57.2 | 166        | 173        | 0          | 35     | 37     |
| 2009 | 6     | 15  | 4    | 23     | 24     | 1.716     | -0.072    | 2.562 | 0.016     | 0.016     | 0         | 55.9 | 58   | 57.2 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 4    | 33     | 24     | 1.736     | -0.112    | 2.562 | 0.016     | 0.016     | 0         | 56.3 | 58.9 | 56.3 | 166        | 173        | 0          | 35     | 36     |
| 2009 | 6     | 15  | 4    | 43     | 24     | 1.699     | -0.092    | 2.562 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 56.8 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 4    | 53     | 24     | 1.703     | -0.092    | 2.562 | 0.016     | 0.016     | 0         | 55.9 | 58   | 56.8 | 166        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 15  | 5    | 3      | 24     | 1.693     | -0.157    | 2.562 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 56.3 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 5    | 13     | 24     | 1.795     | -0.184    | 2.562 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 56.8 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 5    | 23     | 24     | 1.719     | -0.075    | 2.559 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 57.2 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 5    | 33     | 24     | 1.729     | -0.128    | 2.559 | 0.016     | 0.016     | 0         | 56.8 | 58.9 | 57.2 | 168        | 174        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 5    | 43     | 24     | 1.713     | -0.066    | 2.559 | 0.02      | 0.016     | 0         | 56.3 | 58.5 | 56.8 | 167        | 174        | 0          | 36     | 38     |
| 2009 | 6     | 15  | 5    | 53     | 24     | 1.699     | -0.082    | 2.559 | 0.02      | 0.016     | 0         | 55.9 | 58.9 | 55.5 | 167        | 174        | 0          | 37     | 37     |
| 2009 | 6     | 15  | 6    | 3      | 24     | 1.762     | -0.115    | 2.559 | 0.016     | 0.016     | 0         | 56.3 | 58.9 | 55   | 167        | 174        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 6    | 13     | 24     | 1.745     | -0.098    | 2.559 | 0.02      | 0.016     | 0         | 56.3 | 58.5 | 56.8 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 6    | 23     | 24     | 1.693     | -0.092    | 2.559 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 56.3 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 6    | 33     | 24     | 1.742     | -0.118    | 2.559 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 56.8 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 6    | 43     | 24     | 1.709     | -0.135    | 2.559 | 0.016     | 0.013     | 0         | 55.9 | 58   | 56.3 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 6    | 53     | 24     | 1.749     | -0.098    | 2.559 | 0.016     | 0.013     | 0         | 55.9 | 58   | 57.6 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 7    | 3      | 24     | 1.722     | -0.18     | 2.559 | 0.016     | 0.013     | 0         | 55.9 | 58.5 | 57.6 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 7    | 13     | 24     | 1.726     | -0.049    | 2.559 | 0.016     | 0.013     | 0         | 55.9 | 58   | 56.3 | 165        | 172        | 0          | 35     | 37     |
| 2009 | 6     | 15  | 7    | 23     | 24     | 1.729     | -0.089    | 2.559 | 0.016     | 0.016     | 0         | 55.9 | 58   | 57.2 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 7    | 33     | 24     | 1.709     | -0.066    | 2.556 | 0.016     | 0.016     | 0         | 55.9 | 58.9 | 57.2 | 166        | 173        | 0          | 36     | 36     |
| 2009 | 6     | 15  | 7    | 43     | 24     | 1.716     | -0.007    | 2.556 | 0.016     | 0.013     | 0         | 56.3 | 58   | 56.3 | 166        | 173        | 0          | 35     | 38     |
| 2009 | 6     | 15  | 7    | 53     | 24     | 1.696     | -0.062    | 2.559 | 0.02      | 0.016     | 0         | 56.3 | 58.5 | 57.2 | 167        | 173        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 15  | 8    | 3      | 24     | 1.745     | -0.098    | 2.556 | 0.02      | 0.016     | 0         | 55.9 | 58.5 | 57.2 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 8    | 13     | 24     | 1.713     | -0.135    | 2.556 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 57.6 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 15  | 8    | 23     | 24     | 1.693     | -0.095    | 2.556 | 0.02      | 0.016     | 0         | 55.5 | 58   | 56.8 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 8    | 33     | 24     | 1.726     | -0.157    | 2.556 | 0.016     | 0.016     | 0         | 55.9 | 58   | 57.2 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 8    | 43     | 24     | 1.703     | -0.075    | 2.556 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 58.5 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 15  | 8    | 53     | 24     | 1.703     | -0.095    | 2.556 | 0.02      | 0.016     | 0         | 55.5 | 58   | 57.6 | 166        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 15  | 9    | 3      | 24     | 1.732     | -0.141    | 2.556 | 0.02      | 0.016     | 0         | 55.5 | 58   | 58   | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 9    | 13     | 24     | 1.729     | -0.141    | 2.556 | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 57.6 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 15  | 9    | 23     | 24     | 1.683     | -0.157    | 2.556 | 0.023     | 0.023     | 0         | 56.3 | 58   | 57.2 | 166        | 172        | 0          | 35     | 37     |
| 2009 | 6     | 15  | 9    | 33     | 24     | 1.713     | -0.023    | 2.556 | 0.016     | 0.016     | 0         | 55.9 | 58   | 58.9 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 9    | 43     | 24     | 1.68      | -0.148    | 2.556 | 0.016     | 0.016     | 0         | 55.9 | 58   | 56.8 | 165        | 172        | 0          | 35     | 37     |
| 2009 | 6     | 15  | 9    | 53     | 24     | 1.726     | -0.043    | 2.556 | 0.023     | 0.02      | 0         | 55.5 | 58   | 57.2 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 10   | 3      | 24     | 1.726     | -0.098    | 2.556 | 0.016     | 0.016     | 0         | 55.9 | 58   | 57.6 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 10   | 13     | 24     | 1.736     | -0.098    | 2.556 | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 58.5 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 15  | 10   | 23     | 24     | 1.693     | -0.033    | 2.556 | 0.02      | 0.016     | 0         | 55.9 | 57.6 | 58   | 165        | 172        | 0          | 35     | 38     |
| 2009 | 6     | 15  | 10   | 33     | 24     | 1.713     | -0.154    | 2.556 | 0.02      | 0.016     | 0         | 55.5 | 58   | 57.2 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 10   | 43     | 24     | 1.736     | -0.098    | 2.556 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 57.6 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 15  | 10   | 53     | 24     | 1.762     | -0.157    | 2.556 | 0.016     | 0.016     | 0         | 55.9 | 58   | 58   | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 11   | 3      | 24     | 1.69      | -0.069    | 2.556 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 58   | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 15  | 11   | 13     | 24     | 1.719     | -0.174    | 2.556 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 57.6 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 15  | 11   | 23     | 24     | 1.759     | -0.151    | 2.556 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 57.6 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 15  | 11   | 33     | 24     | 1.693     | -0.102    | 2.556 | 0.016     | 0.016     | 0         | 55.5 | 58   | 56.3 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 11   | 43     | 24     | 1.742     | -0.112    | 2.556 | 0.016     | 0.013     | 0         | 55.5 | 57.2 | 57.2 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 15  | 11   | 53     | 24     | 1.693     | -0.043    | 2.559 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 55.9 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 12   | 3      | 24     | 1.762     | -0.131    | 2.556 | 0.016     | 0.016     | 0         | 55   | 57.2 | 57.2 | 165        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 15  | 12   | 13     | 24     | 1.683     | -0.095    | 2.556 | 0.02      | 0.016     | 0         | 55   | 57.6 | 57.6 | 165        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 15  | 12   | 23     | 24     | 1.759     | -0.138    | 2.556 | 0.02      | 0.016     | 0         | 55   | 57.6 | 57.6 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 12   | 33     | 24     | 1.699     | -0.115    | 2.559 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 57.2 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 12   | 43     | 24     | 1.713     | -0.161    | 2.556 | 0.02      | 0.016     | 0         | 55.5 | 58   | 57.2 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 12   | 53     | 24     | 1.696     | -0.062    | 2.559 | 0.016     | 0.013     | 0         | 55.5 | 57.2 | 57.2 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 15  | 13   | 3      | 24     | 1.709     | -0.105    | 2.559 | 0.023     | 0.02      | 0         | 55   | 57.2 | 57.2 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 15  | 13   | 13     | 24     | 1.719     | -0.066    | 2.559 | 0.016     | 0.016     | 0         | 55.5 | 58   | 57.2 | 165        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 15  | 13   | 23     | 24     | 1.663     | -0.059    | 2.559 | 0.02      | 0.016     | 0         | 55.5 | 57.2 | 57.2 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 15  | 13   | 33     | 24     | 1.693     | -0.105    | 2.559 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 57.6 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 15  | 13   | 43     | 24     | 1.722     | -0.046    | 2.559 | 0.016     | 0.016     | 0         | 55   | 57.6 | 57.2 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 13   | 53     | 24     | 1.732     | -0.128    | 2.559 | 0.02      | 0.016     | 0         | 55.5 | 57.2 | 58.9 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 15  | 14   | 3      | 24     | 1.706     | -0.102    | 2.559 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 57.6 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 14   | 13     | 24     | 1.739     | -0.105    | 2.559 | 0.016     | 0.016     | 0         | 55   | 57.6 | 57.2 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 14   | 23     | 24     | 1.713     | -0.102    | 2.559 | 0.02      | 0.016     | 0         | 55   | 57.2 | 56.8 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 15  | 14   | 33     | 24     | 1.722     | -0.112    | 2.559 | 0.016     | 0.013     | 0         | 55.5 | 57.2 | 57.6 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 15  | 14   | 43     | 24     | 1.722     | -0.128    | 2.559 | 0.02      | 0.016     | 0         | 55   | 57.6 | 55.9 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 14   | 53     | 24     | 1.696     | -0.072    | 2.559 | 0.02      | 0.016     | 0         | 55   | 57.6 | 56.8 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 15   | 3      | 24     | 1.729     | -0.135    | 2.559 | 0.02      | 0.016     | 0         | 55   | 57.6 | 56.8 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 15   | 13     | 24     | 1.719     | -0.125    | 2.559 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 56.8 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 15  | 15   | 23     | 24     | 1.719     | -0.098    | 2.559 | 0.02      | 0.016     | 0         | 55.5 | 58   | 57.6 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 15   | 33     | 24     | 1.729     | -0.105    | 2.559 | 0.02      | 0.016     | 0         | 55.9 | 58   | 57.2 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 15   | 43     | 24     | 1.759     | -0.085    | 2.559 | 0.016     | 0.016     | 0         | 55.5 | 58   | 56.8 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 15   | 53     | 24     | 1.696     | -0.089    | 2.562 | 0.016     | 0.016     | 0         | 55.5 | 58   | 57.2 | 165        | 172        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 15  | 16   | 3      | 24     | 1.752     | -0.121    | 2.559 | 0.02      | 0.016     | 0         | 55.9 | 57.6 | 57.2 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 15  | 16   | 13     | 24     | 1.713     | -0.102    | 2.559 | 0.02      | 0.016     | 0         | 55.9 | 58   | 56.3 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 16   | 23     | 24     | 1.739     | -0.072    | 2.562 | 0.023     | 0.02      | 0         | 55.5 | 57.2 | 56.8 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 15  | 16   | 33     | 24     | 1.759     | -0.108    | 2.562 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 56.3 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 15  | 16   | 43     | 24     | 1.726     | -0.164    | 2.559 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 57.6 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 16   | 53     | 24     | 1.709     | -0.056    | 2.562 | 0.016     | 0.013     | 0         | 54.6 | 57.6 | 55.5 | 164        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 15  | 17   | 3      | 24     | 1.699     | -0.089    | 2.562 | 0.02      | 0.016     | 0         | 55   | 57.6 | 56.3 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 17   | 13     | 24     | 1.719     | -0.056    | 2.562 | 0.016     | 0.016     | 0         | 55   | 57.6 | 57.2 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 17   | 23     | 24     | 1.699     | -0.102    | 2.562 | 0.016     | 0.016     | 0         | 55   | 57.2 | 58.5 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 15  | 17   | 33     | 24     | 1.755     | -0.125    | 2.562 | 0.013     | 0.01      | 0         | 54.6 | 57.6 | 56.8 | 164        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 15  | 17   | 43     | 24     | 1.729     | -0.102    | 2.562 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 58   | 164        | 170        | 0          | 37     | 37     |
| 2009 | 6     | 15  | 17   | 53     | 24     | 1.699     | -0.072    | 2.562 | 0.016     | 0.016     | 0         | 55   | 57.6 | 56.8 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 18   | 3      | 24     | 1.703     | -0.148    | 2.562 | 0.023     | 0.02      | 0         | 55   | 57.2 | 56.8 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 18   | 13     | 24     | 1.709     | -0.098    | 2.562 | 0.016     | 0.013     | 0         | 55   | 57.6 | 56.8 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 18   | 23     | 24     | 1.732     | -0.079    | 2.562 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 55.5 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 15  | 18   | 33     | 24     | 1.722     | -0.089    | 2.562 | 0.016     | 0.013     | 0         | 55   | 57.2 | 55.5 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 15  | 18   | 43     | 24     | 1.709     | -0.118    | 2.562 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 56.8 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 18   | 53     | 24     | 1.729     | -0.046    | 2.562 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 56.3 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 19   | 3      | 24     | 1.755     | -0.118    | 2.562 | 0.02      | 0.016     | 0         | 55.5 | 57.2 | 56.3 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 15  | 19   | 13     | 24     | 1.703     | -0.089    | 2.566 | 0.02      | 0.016     | 0         | 55.5 | 57.2 | 56.3 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 15  | 19   | 23     | 24     | 1.722     | -0.125    | 2.566 | 0.016     | 0.016     | 0         | 55   | 57.6 | 57.2 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 19   | 33     | 24     | 1.693     | -0.154    | 2.566 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 54.6 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 19   | 43     | 24     | 1.749     | -0.112    | 2.566 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 55.9 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 19   | 53     | 24     | 1.729     | -0.075    | 2.566 | 0.02      | 0.016     | 0         | 56.8 | 59.8 | 55   | 168        | 175        | 0          | 36     | 36     |
| 2009 | 6     | 15  | 20   | 3      | 24     | 1.703     | -0.105    | 2.566 | 0.016     | 0.016     | 0         | 56.8 | 58.9 | 55.5 | 168        | 174        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 20   | 13     | 24     | 1.732     | -0.131    | 2.566 | 0.016     | 0.013     | 0         | 57.6 | 59.3 | 54.2 | 170        | 176        | 0          | 36     | 38     |
| 2009 | 6     | 15  | 20   | 23     | 24     | 1.699     | -0.066    | 2.566 | 0.016     | 0.016     | 0         | 58.5 | 61.1 | 53.8 | 172        | 179        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 20   | 33     | 24     | 1.699     | -0.121    | 2.566 | 0.02      | 0.016     | 0         | 59.8 | 61.5 | 51.6 | 175        | 181        | 0          | 36     | 38     |
| 2009 | 6     | 15  | 20   | 43     | 24     | 1.745     | -0.121    | 2.566 | 0.016     | 0.016     | 0         | 59.3 | 61.9 | 51.6 | 174        | 181        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 20   | 53     | 24     | 1.772     | -0.141    | 2.569 | 0.02      | 0.016     | 0         | 58.9 | 61.1 | 52   | 173        | 179        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 21   | 3      | 24     | 1.719     | -0.121    | 2.569 | 0.016     | 0.016     | 0         | 58.5 | 60.6 | 52.5 | 172        | 178        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 21   | 13     | 24     | 1.726     | -0.075    | 2.566 | 0.02      | 0.016     | 0         | 58.5 | 60.6 | 53.8 | 172        | 178        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 21   | 23     | 24     | 1.709     | -0.161    | 2.566 | 0.02      | 0.016     | 0         | 58   | 60.2 | 53.8 | 171        | 177        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 21   | 33     | 24     | 1.729     | -0.138    | 2.566 | 0.02      | 0.016     | 0         | 57.6 | 59.8 | 54.2 | 170        | 176        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 21   | 43     | 24     | 1.69      | -0.125    | 2.566 | 0.016     | 0.016     | 0         | 56.8 | 58.9 | 55.5 | 168        | 174        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 21   | 53     | 24     | 1.667     | -0.075    | 2.566 | 0.02      | 0.016     | 0         | 57.2 | 58.9 | 54.6 | 168        | 174        | 0          | 35     | 37     |
| 2009 | 6     | 15  | 22   | 3      | 24     | 1.69      | -0.161    | 2.569 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 54.6 | 167        | 174        | 0          | 36     | 38     |
| 2009 | 6     | 15  | 22   | 13     | 24     | 1.719     | -0.052    | 2.566 | 0.016     | 0.013     | 0         | 56.8 | 58.9 | 54.2 | 168        | 174        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 22   | 23     | 24     | 1.726     | -0.108    | 2.569 | 0.016     | 0.016     | 0         | 56.3 | 58.9 | 53.8 | 167        | 174        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 22   | 33     | 24     | 1.686     | -0.118    | 2.566 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 52.9 | 167        | 173        | 0          | 37     | 37     |
| 2009 | 6     | 15  | 22   | 43     | 24     | 1.745     | -0.085    | 2.569 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 54.6 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 22   | 53     | 24     | 1.709     | -0.131    | 2.566 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 55   | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 23   | 3      | 24     | 1.699     | -0.072    | 2.569 | 0.016     | 0.016     | 0         | 55.9 | 58   | 53.8 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 23   | 13     | 24     | 1.699     | -0.154    | 2.566 | 0.016     | 0.016     | 0         | 55.9 | 58   | 55   | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 23   | 23     | 24     | 1.719     | -0.115    | 2.569 | 0.02      | 0.016     | 0         | 55.9 | 58   | 54.2 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 23   | 33     | 24     | 1.752     | -0.131    | 2.566 | 0.02      | 0.016     | 0         | 55.9 | 58.5 | 53.8 | 166        | 172        | 0          | 36     | 36     |
| 2009 | 6     | 15  | 23   | 43     | 24     | 1.713     | -0.082    | 2.566 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 55   | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 15  | 23   | 53     | 24     | 1.709     | -0.052    | 2.566 | 0.016     | 0.016     | 0         | 55.9 | 58   | 55   | 166        | 172        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 16  | 0    | 3      | 24     | 1.713     | -0.131    | 2.566 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 55   | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 0    | 13     | 24     | 1.739     | -0.072    | 2.566 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 54.6 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 0    | 23     | 24     | 1.699     | -0.089    | 2.566 | 0.02      | 0.016     | 0         | 55.9 | 58.5 | 54.6 | 165        | 172        | 0          | 35     | 36     |
| 2009 | 6     | 16  | 0    | 33     | 24     | 1.68      | -0.085    | 2.566 | 0.016     | 0.016     | 0         | 55.9 | 58   | 54.2 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 0    | 43     | 24     | 1.726     | -0.069    | 2.566 | 0.016     | 0.016     | 0         | 55   | 58   | 54.6 | 165        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 16  | 0    | 53     | 24     | 1.739     | -0.092    | 2.566 | 0.016     | 0.013     | 0         | 55.5 | 58   | 55   | 165        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 16  | 1    | 3      | 24     | 1.709     | -0.108    | 2.566 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 55.9 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 1    | 13     | 24     | 1.726     | -0.131    | 2.566 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 56.3 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 1    | 23     | 24     | 1.749     | -0.154    | 2.566 | 0.016     | 0.016     | 0         | 55   | 57.6 | 55.9 | 165        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 16  | 1    | 33     | 24     | 1.736     | -0.069    | 2.562 | 0.016     | 0.016     | 0         | 55.5 | 58   | 55.5 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 1    | 43     | 24     | 1.693     | -0.069    | 2.566 | 0.016     | 0.016     | 0         | 55.5 | 58   | 55.5 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 1    | 53     | 24     | 1.686     | -0.033    | 2.566 | 0.02      | 0.016     | 0         | 55.5 | 58   | 56.8 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 2    | 3      | 24     | 1.706     | -0.128    | 2.562 | 0.016     | 0.016     | 0         | 55.9 | 58   | 55.5 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 2    | 13     | 24     | 1.722     | -0.098    | 2.562 | 0.016     | 0.016     | 0         | 55.9 | 58   | 55.5 | 166        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 2    | 23     | 24     | 1.709     | -0.131    | 2.566 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 55.9 | 167        | 173        | 0          | 37     | 37     |
| 2009 | 6     | 16  | 2    | 33     | 24     | 1.726     | -0.075    | 2.566 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 55.9 | 167        | 174        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 2    | 43     | 24     | 1.709     | -0.03     | 2.562 | 0.016     | 0.016     | 0         | 55.9 | 58   | 55   | 167        | 173        | 0          | 37     | 38     |
| 2009 | 6     | 16  | 2    | 53     | 24     | 1.765     | -0.049    | 2.562 | 0.016     | 0.013     | 0         | 55.9 | 58.5 | 55.5 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 3    | 3      | 24     | 1.709     | -0.059    | 2.562 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 54.6 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 3    | 13     | 24     | 1.683     | -0.059    | 2.562 | 0.02      | 0.016     | 0         | 55.9 | 58   | 56.8 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 3    | 23     | 24     | 1.739     | -0.095    | 2.562 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 55.5 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 3    | 33     | 24     | 1.732     | -0.043    | 2.562 | 0.016     | 0.016     | 0         | 55.9 | 58   | 55.5 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 3    | 43     | 24     | 1.706     | -0.125    | 2.562 | 0.02      | 0.016     | 0         | 55.9 | 57.6 | 53.8 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 3    | 53     | 24     | 1.709     | -0.062    | 2.562 | 0.016     | 0.013     | 0         | 55.9 | 58   | 55.5 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 4    | 3      | 24     | 1.696     | -0.066    | 2.562 | 0.016     | 0.016     | 0         | 55.9 | 58   | 53.8 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 4    | 13     | 24     | 1.673     | -0.079    | 2.566 | 0.016     | 0.016     | 0         | 56.3 | 58   | 53.8 | 167        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 4    | 23     | 24     | 1.699     | -0.108    | 2.566 | 0.016     | 0.013     | 0         | 56.3 | 58.9 | 55   | 167        | 174        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 4    | 33     | 24     | 1.686     | -0.056    | 2.566 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 54.2 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 4    | 43     | 24     | 1.699     | -0.056    | 2.566 | 0.02      | 0.016     | 0         | 56.3 | 58   | 54.2 | 167        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 4    | 53     | 24     | 1.686     | -0.049    | 2.569 | 0.016     | 0.016     | 0         | 55.9 | 58   | 55   | 167        | 173        | 0          | 37     | 38     |
| 2009 | 6     | 16  | 5    | 3      | 24     | 1.703     | -0.082    | 2.569 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 55   | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 5    | 13     | 24     | 1.686     | 0         | 2.569 | 0.016     | 0.016     | 0         | 56.8 | 58.9 | 54.6 | 168        | 174        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 5    | 23     | 24     | 1.683     | -0.023    | 2.572 | 0.016     | 0.016     | 0         | 56.8 | 58.9 | 52.9 | 168        | 175        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 5    | 33     | 24     | 1.713     | -0.03     | 2.575 | 0.016     | 0.016     | 0         | 57.2 | 59.3 | 52   | 170        | 176        | 0          | 37     | 38     |
| 2009 | 6     | 16  | 5    | 43     | 24     | 1.716     | -0.066    | 2.579 | 0.02      | 0.016     | 0         | 56.8 | 59.3 | 52.9 | 169        | 176        | 0          | 37     | 38     |
| 2009 | 6     | 16  | 5    | 53     | 24     | 1.713     | -0.043    | 2.579 | 0.02      | 0.016     | 0         | 57.6 | 59.3 | 53.8 | 170        | 176        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 6    | 3      | 24     | 1.686     | -0.089    | 2.579 | 0.023     | 0.02      | 0         | 57.2 | 59.8 | 55.5 | 169        | 176        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 6    | 13     | 24     | 1.729     | -0.075    | 2.582 | 0.02      | 0.016     | 0         | 57.2 | 58.9 | 54.2 | 169        | 175        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 6    | 23     | 24     | 1.683     | -0.033    | 2.582 | 0.016     | 0.013     | 0         | 56.8 | 59.3 | 54.2 | 168        | 175        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 6    | 33     | 24     | 1.686     | -0.066    | 2.582 | 0.02      | 0.016     | 0         | 56.8 | 58.9 | 57.2 | 168        | 174        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 6    | 43     | 24     | 1.709     | -0.069    | 2.582 | 0.02      | 0.016     | 0         | 56.8 | 58.9 | 52.5 | 168        | 174        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 6    | 53     | 24     | 1.699     | -0.033    | 2.582 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 55   | 167        | 173        | 0          | 37     | 37     |
| 2009 | 6     | 16  | 7    | 3      | 24     | 1.709     | -0.033    | 2.582 | 0.02      | 0.016     | 0         | 56.3 | 58   | 57.2 | 167        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 7    | 13     | 24     | 1.67      | -0.089    | 2.582 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 55.9 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 7    | 23     | 24     | 1.703     | -0.108    | 2.582 | 0.02      | 0.016     | 0         | 55.9 | 58   | 56.8 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 7    | 33     | 24     | 1.736     | -0.059    | 2.582 | 0.02      | 0.016     | 0         | 55.5 | 57.2 | 56.8 | 165        | 172        | 0          | 36     | 39     |
| 2009 | 6     | 16  | 7    | 43     | 24     | 1.755     | -0.098    | 2.582 | 0.016     | 0.016     | 0         | 55   | 58   | 56.3 | 165        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 16  | 7    | 53     | 24     | 1.693     | -0.023    | 2.582 | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 57.2 | 165        | 172        | 0          | 36     | 38     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 16  | 8    | 3      | 24     | 1.722     | -0.075    | 2.582 | 0.016     | 0.016     | 0         | 55.5 | 58   | 58   | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 8    | 13     | 24     | 1.703     | -0.016    | 2.582 | 0.016     | 0.016     | 0         | 55.5 | 58   | 56.3 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 8    | 23     | 24     | 1.699     | -0.066    | 2.582 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 58.5 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 8    | 33     | 24     | 1.686     | -0.052    | 2.582 | 0.023     | 0.02      | 0         | 55.5 | 57.2 | 55.5 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 8    | 43     | 24     | 1.667     | -0.092    | 2.582 | 0.016     | 0.016     | 0         | 55   | 57.6 | 57.2 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 8    | 53     | 24     | 1.663     | -0.095    | 2.585 | 0.016     | 0.016     | 0         | 55   | 57.6 | 58   | 165        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 16  | 9    | 3      | 24     | 1.709     | -0.085    | 2.585 | 0.02      | 0.016     | 0         | 55   | 57.2 | 58.5 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 9    | 13     | 24     | 1.686     | -0.092    | 2.585 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 57.2 | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 16  | 9    | 23     | 24     | 1.673     | -0.098    | 2.585 | 0.02      | 0.016     | 0         | 54.6 | 57.6 | 58   | 164        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 16  | 9    | 33     | 24     | 1.67      | -0.079    | 2.585 | 0.016     | 0.016     | 0         | 55.5 | 58   | 58.9 | 165        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 16  | 9    | 43     | 24     | 1.729     | -0.095    | 2.585 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 58.5 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 9    | 53     | 24     | 1.709     | -0.026    | 2.585 | 0.02      | 0.016     | 0         | 55   | 57.2 | 57.6 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 10   | 3      | 24     | 1.654     | -0.131    | 2.585 | 0.016     | 0.016     | 0         | 55   | 57.6 | 58.5 | 165        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 16  | 10   | 13     | 24     | 1.693     | -0.066    | 2.585 | 0.016     | 0.016     | 0         | 55   | 57.2 | 57.6 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 10   | 23     | 24     | 1.696     | -0.102    | 2.585 | 0.016     | 0.013     | 0         | 55   | 57.2 | 58   | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 10   | 33     | 24     | 1.788     | -0.016    | 2.585 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 58   | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 16  | 10   | 43     | 24     | 1.68      | -0.121    | 2.585 | 0.016     | 0.013     | 0         | 55   | 57.2 | 57.6 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 10   | 53     | 24     | 1.762     | -0.062    | 2.585 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 57.2 | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 16  | 11   | 3      | 24     | 1.699     | -0.069    | 2.585 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 57.2 | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 16  | 11   | 13     | 24     | 1.696     | -0.112    | 2.585 | 0.016     | 0.016     | 0         | 55   | 57.2 | 58   | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 11   | 23     | 24     | 1.749     | -0.098    | 2.589 | 0.02      | 0.016     | 0         | 55   | 57.2 | 56.3 | 165        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 16  | 11   | 33     | 24     | 1.709     | -0.108    | 2.585 | 0.02      | 0.016     | 0         | 55   | 56.8 | 58.5 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 11   | 43     | 24     | 1.673     | -0.049    | 2.589 | 0.023     | 0.02      | 0         | 55   | 56.8 | 57.6 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 11   | 53     | 24     | 1.673     | -0.095    | 2.589 | 0.016     | 0.016     | 0         | 55   | 56.8 | 58.5 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 12   | 3      | 24     | 1.713     | -0.102    | 2.589 | 0.02      | 0.016     | 0         | 55   | 56.8 | 58   | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 12   | 13     | 24     | 1.722     | -0.095    | 2.589 | 0.016     | 0.016     | 0         | 55   | 57.2 | 57.6 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 12   | 23     | 24     | 1.745     | -0.108    | 2.589 | 0.016     | 0.016     | 0         | 55   | 57.2 | 57.2 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 12   | 33     | 24     | 1.706     | -0.075    | 2.589 | 0.02      | 0.016     | 0         | 55   | 57.2 | 58   | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 12   | 43     | 24     | 1.729     | -0.066    | 2.589 | 0.02      | 0.016     | 0         | 55   | 57.2 | 58.5 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 12   | 53     | 24     | 1.719     | -0.082    | 2.589 | 0.016     | 0.013     | 0         | 54.6 | 57.6 | 58.9 | 164        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 16  | 13   | 3      | 24     | 1.752     | -0.148    | 2.589 | 0.016     | 0.016     | 0         | 55   | 56.8 | 57.6 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 13   | 13     | 24     | 1.709     | -0.108    | 2.592 | 0.02      | 0.016     | 0         | 54.2 | 57.2 | 58.5 | 163        | 170        | 0          | 37     | 37     |
| 2009 | 6     | 16  | 13   | 23     | 24     | 1.673     | -0.095    | 2.589 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 56.3 | 163        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 16  | 13   | 33     | 24     | 1.677     | -0.043    | 2.592 | 0.016     | 0.016     | 0         | 55   | 57.2 | 58.5 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 13   | 43     | 24     | 1.667     | -0.072    | 2.592 | 0.016     | 0.013     | 0         | 55   | 57.2 | 57.2 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 13   | 53     | 24     | 1.677     | -0.079    | 2.592 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 57.2 | 163        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 16  | 14   | 3      | 24     | 1.699     | -0.052    | 2.592 | 0.016     | 0.013     | 0         | 54.2 | 56.8 | 57.2 | 163        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 16  | 14   | 13     | 24     | 1.722     | -0.108    | 2.592 | 0.016     | 0.013     | 0         | 55   | 57.2 | 57.6 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 14   | 23     | 24     | 1.69      | -0.085    | 2.592 | 0.016     | 0.016     | 0         | 54.2 | 57.2 | 58.5 | 163        | 170        | 0          | 37     | 37     |
| 2009 | 6     | 16  | 14   | 33     | 24     | 1.713     | -0.023    | 2.592 | 0.023     | 0.02      | 0         | 54.2 | 56.8 | 58   | 163        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 16  | 14   | 43     | 24     | 1.726     | -0.066    | 2.592 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 58   | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 14   | 53     | 24     | 1.68      | -0.095    | 2.592 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 58   | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 15   | 3      | 24     | 1.713     | -0.098    | 2.592 | 0.016     | 0.016     | 0         | 55   | 57.2 | 57.2 | 163        | 170        | 0          | 35     | 37     |
| 2009 | 6     | 16  | 15   | 13     | 24     | 1.703     | -0.125    | 2.592 | 0.016     | 0.016     | 0         | 54.6 | 57.6 | 56.8 | 164        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 16  | 15   | 23     | 24     | 1.781     | -0.135    | 2.595 | 0.023     | 0.02      | 0         | 54.6 | 56.8 | 58.5 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 15   | 33     | 24     | 1.677     | -0.043    | 2.592 | 0.02      | 0.016     | 0         | 55   | 57.2 | 57.6 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 15   | 43     | 24     | 1.736     | -0.151    | 2.595 | 0.016     | 0.016     | 0         | 55   | 57.6 | 55.9 | 165        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 16  | 15   | 53     | 24     | 1.699     | -0.138    | 2.595 | 0.016     | 0.016     | 0         | 55   | 57.2 | 55.9 | 164        | 170        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 16  | 16   | 3      | 24     | 1.696     | -0.144    | 2.595 | 0.023     | 0.02      | 0         | 55   | 56.8 | 58.9 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 16   | 13     | 24     | 1.749     | -0.098    | 2.595 | 0.02      | 0.016     | 0         | 54.2 | 57.2 | 57.2 | 162        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 16   | 23     | 24     | 1.686     | -0.066    | 2.595 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 57.2 | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 16   | 33     | 24     | 1.696     | -0.056    | 2.595 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 58.5 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 16   | 43     | 24     | 1.752     | -0.089    | 2.595 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 58.5 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 16   | 53     | 24     | 1.673     | -0.092    | 2.595 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 58   | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 17   | 3      | 24     | 1.736     | -0.167    | 2.595 | 0.02      | 0.016     | 0         | 54.2 | 56.3 | 57.2 | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 17   | 13     | 24     | 1.673     | -0.098    | 2.595 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 57.2 | 163        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 16  | 17   | 23     | 24     | 1.732     | -0.102    | 2.595 | 0.016     | 0.013     | 0         | 54.2 | 56.8 | 57.6 | 163        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 16  | 17   | 33     | 24     | 1.686     | -0.082    | 2.595 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 56.8 | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 16  | 17   | 43     | 24     | 1.699     | -0.128    | 2.595 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 58   | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 17   | 53     | 24     | 1.699     | -0.105    | 2.595 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 57.2 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 18   | 3      | 24     | 1.683     | -0.059    | 2.595 | 0.016     | 0.013     | 0         | 55   | 56.8 | 56.8 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 18   | 13     | 24     | 1.693     | -0.079    | 2.598 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 58   | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 18   | 23     | 24     | 1.722     | -0.095    | 2.598 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 58   | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 18   | 33     | 24     | 1.722     | -0.056    | 2.598 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 57.2 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 18   | 43     | 24     | 1.716     | -0.092    | 2.598 | 0.016     | 0.016     | 0         | 54.6 | 57.6 | 57.6 | 163        | 170        | 0          | 36     | 36     |
| 2009 | 6     | 16  | 18   | 53     | 24     | 1.699     | -0.089    | 2.598 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 55.9 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 19   | 3      | 24     | 1.739     | -0.161    | 2.598 | 0.016     | 0.013     | 0         | 55   | 56.3 | 57.6 | 163        | 169        | 0          | 35     | 38     |
| 2009 | 6     | 16  | 19   | 13     | 24     | 1.749     | -0.18     | 2.598 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 56.8 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 19   | 23     | 24     | 1.683     | -0.131    | 2.598 | 0.02      | 0.016     | 0         | 54.6 | 56.3 | 58.5 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 19   | 33     | 24     | 1.696     | -0.102    | 2.598 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 57.6 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 19   | 43     | 24     | 1.759     | -0.203    | 2.598 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 58   | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 19   | 53     | 24     | 1.683     | -0.046    | 2.598 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 57.2 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 20   | 3      | 24     | 1.736     | -0.066    | 2.598 | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 57.2 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 20   | 13     | 24     | 1.755     | -0.075    | 2.598 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 57.2 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 20   | 23     | 24     | 1.742     | -0.092    | 2.602 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 58   | 163        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 16  | 20   | 33     | 24     | 1.742     | -0.102    | 2.602 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 57.2 | 163        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 16  | 20   | 43     | 24     | 1.739     | -0.108    | 2.602 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 55.9 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 20   | 53     | 24     | 1.749     | -0.105    | 2.602 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 58   | 163        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 16  | 21   | 3      | 24     | 1.745     | -0.115    | 2.602 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 56.8 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 21   | 13     | 24     | 1.752     | -0.095    | 2.602 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 56.8 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 21   | 23     | 24     | 1.722     | -0.128    | 2.602 | 0.02      | 0.016     | 0         | 54.2 | 57.2 | 57.2 | 163        | 170        | 0          | 37     | 37     |
| 2009 | 6     | 16  | 21   | 33     | 24     | 1.749     | -0.131    | 2.602 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 56.8 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 21   | 43     | 24     | 1.739     | -0.075    | 2.602 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 58   | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 21   | 53     | 24     | 1.716     | -0.108    | 2.602 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 58   | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 16  | 22   | 3      | 24     | 1.745     | -0.157    | 2.602 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 56.8 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 22   | 13     | 24     | 1.699     | -0.177    | 2.602 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 57.2 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 22   | 23     | 24     | 1.66      | -0.125    | 2.602 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 57.6 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 22   | 33     | 24     | 1.719     | -0.115    | 2.602 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 57.2 | 163        | 169        | 0          | 36     | 36     |
| 2009 | 6     | 16  | 22   | 43     | 24     | 1.772     | -0.135    | 2.602 | 0.02      | 0.016     | 0         | 54.2 | 56.3 | 56.8 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 22   | 53     | 24     | 1.706     | -0.121    | 2.602 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 58   | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 23   | 3      | 24     | 1.729     | -0.062    | 2.602 | 0.016     | 0.013     | 0         | 54.2 | 56.8 | 57.2 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 23   | 13     | 24     | 1.696     | -0.102    | 2.602 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 58.5 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 23   | 23     | 24     | 1.69      | -0.112    | 2.602 | 0.023     | 0.02      | 0         | 53.8 | 56.3 | 56.3 | 162        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 16  | 23   | 33     | 24     | 1.732     | -0.167    | 2.602 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 58   | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 23   | 43     | 24     | 1.706     | -0.125    | 2.602 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 57.6 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 16  | 23   | 53     | 24     | 1.732     | -0.075    | 2.602 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 57.6 | 162        | 169        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 17  | 0    | 3      | 24     | 1.729     | -0.151    | 2.602 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 57.2 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 0    | 13     | 24     | 1.709     | -0.072    | 2.602 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 57.2 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 0    | 23     | 24     | 1.732     | -0.138    | 2.602 | 0.02      | 0.016     | 0         | 54.2 | 56.3 | 56.8 | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 0    | 33     | 24     | 1.716     | -0.121    | 2.598 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 57.2 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 0    | 43     | 24     | 1.719     | -0.098    | 2.602 | 0.016     | 0.016     | 0         | 54.6 | 57.6 | 58.5 | 163        | 170        | 0          | 36     | 36     |
| 2009 | 6     | 17  | 0    | 53     | 24     | 1.693     | -0.098    | 2.598 | 0.016     | 0.016     | 0         | 55   | 57.2 | 56.8 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 1    | 3      | 24     | 1.775     | -0.161    | 2.598 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 57.2 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 1    | 13     | 24     | 1.726     | -0.098    | 2.598 | 0.016     | 0.013     | 0         | 55   | 56.8 | 56.3 | 163        | 169        | 0          | 35     | 37     |
| 2009 | 6     | 17  | 1    | 23     | 24     | 1.719     | -0.075    | 2.598 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 58   | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 1    | 33     | 24     | 1.696     | -0.121    | 2.598 | 0.016     | 0.016     | 0         | 55   | 57.2 | 58.9 | 163        | 170        | 0          | 35     | 37     |
| 2009 | 6     | 17  | 1    | 43     | 24     | 1.726     | -0.125    | 2.598 | 0.02      | 0.016     | 0         | 55   | 57.2 | 57.2 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 1    | 53     | 24     | 1.719     | -0.069    | 2.598 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 56.8 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 2    | 3      | 24     | 1.752     | -0.056    | 2.598 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 57.2 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 2    | 13     | 24     | 1.68      | -0.164    | 2.598 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 57.6 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 2    | 23     | 24     | 1.703     | -0.141    | 2.598 | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 57.6 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 2    | 33     | 24     | 1.683     | -0.089    | 2.598 | 0.02      | 0.016     | 0         | 55   | 57.2 | 57.6 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 2    | 43     | 24     | 1.719     | -0.105    | 2.598 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 58.5 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 2    | 53     | 24     | 1.719     | -0.174    | 2.595 | 0.02      | 0.016     | 0         | 55   | 57.2 | 58   | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 3    | 3      | 24     | 1.68      | -0.085    | 2.595 | 0.02      | 0.016     | 0         | 55   | 57.2 | 57.6 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 3    | 13     | 24     | 1.703     | -0.046    | 2.595 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 57.6 | 164        | 170        | 0          | 35     | 37     |
| 2009 | 6     | 17  | 3    | 23     | 24     | 1.765     | -0.105    | 2.595 | 0.016     | 0.016     | 0         | 55   | 56.8 | 56.3 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 3    | 33     | 24     | 1.726     | -0.154    | 2.595 | 0.02      | 0.016     | 0         | 55   | 56.8 | 58.5 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 3    | 43     | 24     | 1.775     | -0.121    | 2.595 | 0.02      | 0.016     | 0         | 55   | 56.8 | 57.2 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 3    | 53     | 24     | 1.706     | -0.043    | 2.595 | 0.02      | 0.016     | 0         | 55   | 57.2 | 57.6 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 4    | 3      | 24     | 1.752     | -0.121    | 2.592 | 0.02      | 0.016     | 0         | 55   | 57.2 | 58.5 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 4    | 13     | 24     | 1.722     | -0.046    | 2.595 | 0.016     | 0.016     | 0         | 54.6 | 57.6 | 57.2 | 164        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 17  | 4    | 23     | 24     | 1.696     | -0.075    | 2.592 | 0.016     | 0.016     | 0         | 55   | 56.8 | 57.6 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 4    | 33     | 24     | 1.69      | -0.121    | 2.592 | 0.02      | 0.016     | 0         | 54.6 | 57.6 | 56.8 | 164        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 17  | 4    | 43     | 24     | 1.722     | -0.135    | 2.592 | 0.016     | 0.016     | 0         | 55   | 57.2 | 58   | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 4    | 53     | 24     | 1.709     | -0.108    | 2.592 | 0.016     | 0.013     | 0         | 55   | 57.2 | 58.5 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 5    | 3      | 24     | 1.706     | -0.131    | 2.592 | 0.02      | 0.016     | 0         | 55   | 58   | 58   | 165        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 17  | 5    | 13     | 24     | 1.69      | -0.092    | 2.592 | 0.016     | 0.016     | 0         | 55.5 | 58   | 58.5 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 5    | 23     | 24     | 1.677     | -0.105    | 2.592 | 0.016     | 0.016     | 0         | 55.9 | 57.2 | 58   | 166        | 172        | 0          | 36     | 39     |
| 2009 | 6     | 17  | 5    | 33     | 24     | 1.736     | -0.092    | 2.592 | 0.02      | 0.016     | 0         | 55.9 | 57.6 | 56.8 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 5    | 43     | 24     | 1.663     | -0.062    | 2.592 | 0.016     | 0.016     | 0         | 55.5 | 58   | 57.2 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 5    | 53     | 24     | 1.739     | -0.108    | 2.592 | 0.016     | 0.013     | 0         | 55.9 | 58   | 57.2 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 6    | 3      | 24     | 1.719     | -0.131    | 2.592 | 0.02      | 0.016     | 0         | 55.5 | 58   | 57.2 | 166        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 17  | 6    | 13     | 24     | 1.726     | -0.141    | 2.589 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 56.8 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 6    | 23     | 24     | 1.706     | -0.121    | 2.592 | 0.016     | 0.016     | 0         | 55.5 | 58   | 58   | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 6    | 33     | 24     | 1.732     | -0.118    | 2.589 | 0.02      | 0.016     | 0         | 55.5 | 57.2 | 56.3 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 6    | 43     | 24     | 1.732     | -0.141    | 2.589 | 0.02      | 0.016     | 0         | 55.5 | 57.2 | 57.2 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 6    | 53     | 24     | 1.703     | -0.075    | 2.589 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 57.6 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 7    | 3      | 24     | 1.732     | -0.069    | 2.589 | 0.016     | 0.016     | 0         | 55   | 57.2 | 57.6 | 165        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 17  | 7    | 13     | 24     | 1.713     | -0.177    | 2.589 | 0.016     | 0.013     | 0         | 55   | 57.2 | 58   | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 7    | 23     | 24     | 1.706     | -0.151    | 2.589 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 57.6 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 7    | 33     | 24     | 1.686     | -0.112    | 2.589 | 0.016     | 0.016     | 0         | 55   | 56.8 | 59.3 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 7    | 43     | 24     | 1.762     | -0.141    | 2.589 | 0.016     | 0.016     | 0         | 55   | 57.2 | 58   | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 7    | 53     | 24     | 1.713     | -0.098    | 2.589 | 0.016     | 0.016     | 0         | 54.6 | 57.6 | 57.6 | 164        | 171        | 0          | 37     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 17  | 8    | 3      | 24     | 1.706     | -0.141    | 2.589 | 0.02      | 0.016     | 0         | 55   | 57.2 | 58   | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 8    | 13     | 24     | 1.719     | -0.108    | 2.589 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 57.6 | 164        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 17  | 8    | 23     | 24     | 1.693     | -0.112    | 2.589 | 0.016     | 0.013     | 0         | 54.6 | 57.6 | 58   | 164        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 17  | 8    | 33     | 24     | 1.732     | -0.141    | 2.589 | 0.02      | 0.016     | 0         | 55   | 57.2 | 55.9 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 8    | 43     | 24     | 1.686     | -0.089    | 2.589 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 56.3 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 8    | 53     | 24     | 1.713     | -0.121    | 2.589 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 58.5 | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 17  | 9    | 3      | 24     | 1.739     | -0.095    | 2.589 | 0.02      | 0.016     | 0         | 55   | 57.6 | 57.6 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 9    | 13     | 24     | 1.657     | -0.062    | 2.589 | 0.02      | 0.016     | 0         | 55   | 57.6 | 56.3 | 165        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 17  | 9    | 23     | 24     | 1.716     | -0.098    | 2.589 | 0.016     | 0.016     | 0         | 55   | 57.2 | 58.5 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 9    | 33     | 24     | 1.749     | -0.112    | 2.589 | 0.02      | 0.016     | 0         | 55   | 57.6 | 57.2 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 9    | 43     | 24     | 1.699     | -0.115    | 2.589 | 0.02      | 0.016     | 0         | 54.2 | 57.2 | 58.9 | 164        | 171        | 0          | 38     | 38     |
| 2009 | 6     | 17  | 9    | 53     | 24     | 1.719     | -0.128    | 2.589 | 0.016     | 0.013     | 0         | 55.5 | 57.2 | 56.8 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 10   | 3      | 24     | 1.726     | -0.121    | 2.589 | 0.016     | 0.016     | 0         | 54.6 | 57.6 | 58   | 164        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 17  | 10   | 13     | 24     | 1.703     | -0.115    | 2.589 | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 58.5 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 10   | 23     | 24     | 1.64      | -0.036    | 2.589 | 0.016     | 0.016     | 0         | 55   | 57.6 | 58   | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 10   | 33     | 24     | 1.726     | -0.112    | 2.589 | 0.016     | 0.013     | 0         | 55   | 57.6 | 58.9 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 10   | 43     | 24     | 1.713     | -0.144    | 2.589 | 0.02      | 0.016     | 0         | 55   | 57.6 | 57.2 | 165        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 17  | 10   | 53     | 24     | 1.696     | -0.184    | 2.589 | 0.016     | 0.016     | 0         | 54.6 | 57.6 | 58.5 | 164        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 17  | 11   | 3      | 24     | 1.696     | -0.059    | 2.589 | 0.016     | 0.016     | 0         | 55   | 57.6 | 57.6 | 165        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 17  | 11   | 13     | 24     | 1.706     | -0.108    | 2.589 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 58.5 | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 17  | 11   | 23     | 24     | 1.716     | -0.079    | 2.589 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 57.6 | 164        | 171        | 0          | 37     | 38     |
| 2009 | 6     | 17  | 11   | 33     | 24     | 1.677     | -0.082    | 2.589 | 0.02      | 0.016     | 0         | 55   | 57.2 | 58   | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 11   | 43     | 24     | 1.696     | -0.098    | 2.589 | 0.02      | 0.016     | 0         | 55   | 57.2 | 57.6 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 11   | 53     | 24     | 1.69      | -0.125    | 2.589 | 0.02      | 0.016     | 0         | 55   | 56.3 | 58   | 164        | 170        | 0          | 36     | 39     |
| 2009 | 6     | 17  | 12   | 3      | 24     | 1.722     | -0.112    | 2.589 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 57.2 | 164        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 17  | 12   | 13     | 24     | 1.709     | -0.135    | 2.589 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 58.9 | 164        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 17  | 12   | 23     | 24     | 1.673     | -0.092    | 2.589 | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 59.3 | 164        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 17  | 12   | 33     | 24     | 1.745     | -0.135    | 2.589 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 59.3 | 164        | 170        | 0          | 37     | 37     |
| 2009 | 6     | 17  | 12   | 43     | 24     | 1.745     | -0.072    | 2.589 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 58.5 | 163        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 17  | 12   | 53     | 24     | 1.722     | -0.072    | 2.589 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 57.6 | 164        | 170        | 0          | 37     | 37     |
| 2009 | 6     | 17  | 13   | 3      | 24     | 1.726     | -0.085    | 2.589 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 57.6 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 13   | 13     | 24     | 1.713     | -0.089    | 2.589 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 58.5 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 13   | 23     | 24     | 1.739     | -0.062    | 2.592 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 58.5 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 13   | 33     | 24     | 1.726     | -0.118    | 2.589 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 58   | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 13   | 43     | 24     | 1.745     | -0.148    | 2.589 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 58.9 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 13   | 53     | 24     | 1.742     | -0.089    | 2.592 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 58.9 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 14   | 3      | 24     | 1.732     | -0.118    | 2.592 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 58.9 | 163        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 17  | 14   | 13     | 24     | 1.713     | -0.131    | 2.592 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 58.5 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 14   | 23     | 24     | 1.699     | -0.131    | 2.592 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 58.9 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 14   | 33     | 24     | 1.69      | -0.098    | 2.592 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 58.5 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 14   | 43     | 24     | 1.755     | -0.161    | 2.592 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 58.9 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 14   | 53     | 24     | 1.732     | -0.105    | 2.592 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 58.9 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 15   | 3      | 24     | 1.677     | -0.062    | 2.592 | 0.02      | 0.016     | 0         | 54.2 | 56.3 | 58.9 | 163        | 169        | 0          | 37     | 38     |
| 2009 | 6     | 17  | 15   | 13     | 24     | 1.709     | -0.112    | 2.592 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 58.5 | 163        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 17  | 15   | 23     | 24     | 1.742     | -0.105    | 2.592 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 58.9 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 15   | 33     | 24     | 1.719     | -0.089    | 2.592 | 0.023     | 0.02      | 0         | 54.6 | 56.8 | 58.9 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 15   | 43     | 24     | 1.663     | -0.072    | 2.592 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 57.6 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 15   | 53     | 24     | 1.703     | -0.033    | 2.592 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 57.6 | 162        | 169        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 17  | 16   | 3      | 24     | 1.732     | -0.102    | 2.592 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 56.3 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 16   | 13     | 24     | 1.736     | -0.075    | 2.592 | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 58.5 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 16   | 23     | 24     | 1.693     | -0.085    | 2.595 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 57.2 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 16   | 33     | 24     | 1.765     | -0.177    | 2.595 | 0.016     | 0.016     | 0         | 54.6 | 56.3 | 58.9 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 16   | 43     | 24     | 1.68      | -0.135    | 2.595 | 0.016     | 0.016     | 0         | 54.6 | 56.3 | 58.5 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 16   | 53     | 24     | 1.736     | -0.148    | 2.595 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 58.5 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 17   | 3      | 24     | 1.703     | -0.121    | 2.595 | 0.02      | 0.016     | 0         | 54.6 | 56.3 | 57.6 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 17   | 13     | 24     | 1.736     | -0.141    | 2.595 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 58.5 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 17   | 23     | 24     | 1.719     | -0.177    | 2.595 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 58   | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 17   | 33     | 24     | 1.69      | -0.095    | 2.595 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 58   | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 17   | 43     | 24     | 1.69      | -0.105    | 2.595 | 0.013     | 0.01      | 0         | 54.6 | 57.2 | 57.6 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 17   | 53     | 24     | 1.709     | -0.105    | 2.595 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 57.6 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 18   | 3      | 24     | 1.709     | -0.095    | 2.595 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 56.8 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 18   | 13     | 24     | 1.713     | -0.187    | 2.595 | 0.02      | 0.016     | 0         | 54.2 | 57.2 | 58.9 | 163        | 170        | 0          | 37     | 37     |
| 2009 | 6     | 17  | 18   | 23     | 24     | 1.699     | -0.043    | 2.595 | 0.016     | 0.016     | 0         | 55   | 57.2 | 58.5 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 18   | 33     | 24     | 1.706     | -0.105    | 2.595 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 58   | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 18   | 43     | 24     | 1.719     | -0.135    | 2.598 | 0.02      | 0.016     | 0         | 55   | 57.2 | 57.6 | 163        | 170        | 0          | 35     | 37     |
| 2009 | 6     | 17  | 18   | 53     | 24     | 1.719     | -0.128    | 2.598 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 58   | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 19   | 3      | 24     | 1.703     | -0.098    | 2.598 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 59.3 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 19   | 13     | 24     | 1.722     | -0.144    | 2.598 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 58   | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 19   | 23     | 24     | 1.693     | -0.092    | 2.598 | 0.016     | 0.016     | 0         | 55   | 56.8 | 56.3 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 19   | 33     | 24     | 1.722     | -0.118    | 2.598 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 57.2 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 19   | 43     | 24     | 1.683     | -0.056    | 2.598 | 0.016     | 0.016     | 0         | 55   | 56.8 | 57.6 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 19   | 53     | 24     | 1.752     | -0.098    | 2.598 | 0.016     | 0.016     | 0         | 55   | 57.6 | 57.6 | 164        | 170        | 0          | 36     | 36     |
| 2009 | 6     | 17  | 20   | 3      | 24     | 1.706     | -0.056    | 2.598 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 58.9 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 20   | 13     | 24     | 1.745     | -0.148    | 2.598 | 0.02      | 0.016     | 0         | 55   | 57.2 | 56.3 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 20   | 23     | 24     | 1.706     | -0.125    | 2.598 | 0.016     | 0.016     | 0         | 55   | 57.2 | 58   | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 20   | 33     | 24     | 1.693     | -0.102    | 2.598 | 0.016     | 0.016     | 0         | 55   | 56.8 | 57.2 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 17  | 20   | 43     | 24     | 1.722     | -0.154    | 2.598 | 0.016     | 0.013     | 0         | 55   | 57.6 | 57.6 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 20   | 53     | 24     | 1.745     | -0.128    | 2.598 | 0.016     | 0.016     | 0         | 57.6 | 60.2 | 54.6 | 170        | 177        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 21   | 3      | 24     | 1.709     | -0.102    | 2.598 | 0.023     | 0.02      | 0         | 58.5 | 61.5 | 54.6 | 172        | 179        | 0          | 36     | 36     |
| 2009 | 6     | 17  | 21   | 13     | 24     | 1.729     | -0.069    | 2.598 | 0.016     | 0.013     | 0         | 58.9 | 61.1 | 54.6 | 172        | 179        | 0          | 35     | 37     |
| 2009 | 6     | 17  | 21   | 23     | 24     | 1.696     | -0.075    | 2.602 | 0.016     | 0.016     | 0         | 58.5 | 60.6 | 54.2 | 172        | 178        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 21   | 33     | 24     | 1.729     | -0.039    | 2.598 | 0.016     | 0.013     | 0         | 57.6 | 59.8 | 54.2 | 170        | 176        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 21   | 43     | 24     | 1.726     | -0.072    | 2.598 | 0.02      | 0.016     | 0         | 56.3 | 58.9 | 56.3 | 167        | 174        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 21   | 53     | 24     | 1.745     | -0.154    | 2.598 | 0.02      | 0.016     | 0         | 56.3 | 58.5 | 56.3 | 167        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 22   | 3      | 24     | 1.706     | -0.046    | 2.598 | 0.023     | 0.02      | 0         | 55.9 | 58   | 57.2 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 22   | 13     | 24     | 1.69      | -0.092    | 2.598 | 0.02      | 0.016     | 0         | 56.3 | 58   | 58   | 166        | 172        | 0          | 35     | 37     |
| 2009 | 6     | 17  | 22   | 23     | 24     | 1.713     | -0.059    | 2.598 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 58.5 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 22   | 33     | 24     | 1.69      | -0.128    | 2.602 | 0.013     | 0.01      | 0         | 55.5 | 57.6 | 57.6 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 22   | 43     | 24     | 1.693     | -0.112    | 2.602 | 0.016     | 0.013     | 0         | 55.9 | 57.6 | 57.6 | 165        | 171        | 0          | 35     | 37     |
| 2009 | 6     | 17  | 22   | 53     | 24     | 1.755     | -0.128    | 2.598 | 0.016     | 0.016     | 0         | 55   | 57.6 | 57.6 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 23   | 3      | 24     | 1.762     | -0.095    | 2.602 | 0.02      | 0.016     | 0         | 55   | 58   | 58   | 165        | 171        | 0          | 37     | 36     |
| 2009 | 6     | 17  | 23   | 13     | 24     | 1.749     | -0.089    | 2.598 | 0.023     | 0.02      | 0         | 55   | 58   | 58.5 | 165        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 17  | 23   | 23     | 24     | 1.726     | -0.128    | 2.598 | 0.016     | 0.013     | 0         | 55.5 | 58   | 56.8 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 23   | 33     | 24     | 1.696     | -0.118    | 2.598 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 58   | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 23   | 43     | 24     | 1.739     | -0.105    | 2.598 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 57.6 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 17  | 23   | 53     | 24     | 1.732     | -0.095    | 2.598 | 0.016     | 0.016     | 0         | 55.5 | 58   | 57.6 | 164        | 171        | 0          | 35     | 36     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 18  | 0    | 3      | 24     | 1.732     | -0.079    | 2.598 | 0.02      | 0.016     | 0         | 55   | 57.6 | 58   | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 0    | 13     | 24     | 1.693     | -0.112    | 2.598 | 0.016     | 0.016     | 0         | 55   | 57.2 | 58   | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 0    | 23     | 24     | 1.667     | -0.115    | 2.598 | 0.02      | 0.016     | 0         | 55   | 57.6 | 57.6 | 164        | 170        | 0          | 36     | 36     |
| 2009 | 6     | 18  | 0    | 33     | 24     | 1.742     | -0.079    | 2.598 | 0.016     | 0.013     | 0         | 55   | 57.2 | 57.6 | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 18  | 0    | 43     | 24     | 1.683     | -0.095    | 2.598 | 0.016     | 0.016     | 0         | 55   | 57.6 | 59.3 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 0    | 53     | 24     | 1.749     | -0.157    | 2.598 | 0.016     | 0.016     | 0         | 55   | 57.6 | 58   | 164        | 170        | 0          | 36     | 36     |
| 2009 | 6     | 18  | 1    | 3      | 24     | 1.726     | -0.098    | 2.598 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 58.9 | 164        | 171        | 0          | 35     | 37     |
| 2009 | 6     | 18  | 1    | 13     | 24     | 1.663     | -0.108    | 2.598 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 57.6 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 1    | 23     | 24     | 1.686     | -0.171    | 2.598 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 58.9 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 1    | 33     | 24     | 1.745     | -0.089    | 2.595 | 0.016     | 0.016     | 0         | 55.9 | 57.2 | 57.2 | 165        | 171        | 0          | 35     | 38     |
| 2009 | 6     | 18  | 1    | 43     | 24     | 1.706     | -0.075    | 2.595 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 58.5 | 165        | 171        | 0          | 35     | 37     |
| 2009 | 6     | 18  | 1    | 53     | 24     | 1.696     | -0.089    | 2.595 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 56.8 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 2    | 3      | 24     | 1.69      | -0.125    | 2.595 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 58   | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 2    | 13     | 24     | 1.742     | -0.098    | 2.595 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 58   | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 2    | 23     | 24     | 1.709     | -0.164    | 2.595 | 0.016     | 0.013     | 0         | 55.5 | 58   | 58.9 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 2    | 33     | 24     | 1.703     | -0.131    | 2.595 | 0.016     | 0.013     | 0         | 55.5 | 58   | 58.9 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 2    | 43     | 24     | 1.706     | -0.098    | 2.595 | 0.016     | 0.013     | 0         | 55.9 | 57.6 | 56.8 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 18  | 2    | 53     | 24     | 1.693     | -0.112    | 2.595 | 0.02      | 0.016     | 0         | 55.5 | 58   | 58   | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 3    | 3      | 24     | 1.703     | -0.177    | 2.595 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 58.5 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 3    | 13     | 24     | 1.722     | -0.105    | 2.595 | 0.02      | 0.016     | 0         | 55.5 | 57.2 | 58   | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 18  | 3    | 23     | 24     | 1.726     | -0.072    | 2.595 | 0.02      | 0.016     | 0         | 55.5 | 58   | 58.5 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 3    | 33     | 24     | 1.686     | -0.135    | 2.592 | 0.023     | 0.02      | 0         | 55.5 | 57.6 | 58   | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 3    | 43     | 24     | 1.745     | -0.141    | 2.592 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 58.5 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 3    | 53     | 24     | 1.722     | -0.121    | 2.592 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 56.8 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 18  | 4    | 3      | 24     | 1.716     | -0.115    | 2.592 | 0.02      | 0.016     | 0         | 55.9 | 58   | 56.8 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 4    | 13     | 24     | 1.729     | -0.075    | 2.592 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 58   | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 18  | 4    | 23     | 24     | 1.722     | -0.177    | 2.592 | 0.02      | 0.016     | 0         | 55.5 | 58   | 58.5 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 4    | 33     | 24     | 1.726     | -0.085    | 2.592 | 0.016     | 0.016     | 0         | 55.9 | 58   | 56.8 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 4    | 43     | 24     | 1.729     | -0.174    | 2.592 | 0.016     | 0.016     | 0         | 55.9 | 58   | 57.6 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 4    | 53     | 24     | 1.716     | -0.131    | 2.592 | 0.023     | 0.02      | 0         | 55.9 | 58   | 58   | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 5    | 3      | 24     | 1.732     | -0.102    | 2.592 | 0.02      | 0.016     | 0         | 55.9 | 58.5 | 55.9 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 5    | 13     | 24     | 1.673     | -0.161    | 2.592 | 0.016     | 0.013     | 0         | 55.9 | 58   | 58   | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 5    | 23     | 24     | 1.729     | -0.066    | 2.592 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 55.9 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 5    | 33     | 24     | 1.755     | -0.125    | 2.592 | 0.016     | 0.013     | 0         | 55.9 | 58   | 56.8 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 5    | 43     | 24     | 1.739     | -0.115    | 2.592 | 0.02      | 0.016     | 0         | 55.9 | 58.5 | 56.8 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 5    | 53     | 24     | 1.752     | -0.112    | 2.592 | 0.02      | 0.016     | 0         | 55.9 | 58.5 | 56.3 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 6    | 3      | 24     | 1.736     | -0.105    | 2.592 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 58   | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 18  | 6    | 13     | 24     | 1.686     | -0.069    | 2.592 | 0.02      | 0.016     | 0         | 55.9 | 58   | 57.6 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 6    | 23     | 24     | 1.722     | -0.164    | 2.592 | 0.02      | 0.016     | 0         | 55.9 | 58   | 56.8 | 165        | 172        | 0          | 35     | 37     |
| 2009 | 6     | 18  | 6    | 33     | 24     | 1.667     | -0.131    | 2.592 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 58   | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 18  | 6    | 43     | 24     | 1.713     | -0.098    | 2.592 | 0.02      | 0.016     | 0         | 55.5 | 58   | 57.6 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 6    | 53     | 24     | 1.745     | -0.128    | 2.592 | 0.02      | 0.016     | 0         | 55.5 | 57.2 | 58   | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 18  | 7    | 3      | 24     | 1.699     | -0.167    | 2.592 | 0.02      | 0.016     | 0         | 55.5 | 58   | 58.9 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 7    | 13     | 24     | 1.693     | -0.135    | 2.592 | 0.016     | 0.016     | 0         | 55   | 58   | 57.2 | 165        | 172        | 0          | 37     | 37     |
| 2009 | 6     | 18  | 7    | 23     | 24     | 1.742     | -0.092    | 2.592 | 0.02      | 0.016     | 0         | 55.9 | 57.6 | 57.6 | 166        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 18  | 7    | 33     | 24     | 1.667     | -0.144    | 2.592 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 58.5 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 7    | 43     | 24     | 1.722     | -0.141    | 2.592 | 0.016     | 0.016     | 0         | 55.5 | 58   | 57.2 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 7    | 53     | 24     | 1.667     | -0.157    | 2.592 | 0.016     | 0.013     | 0         | 55.5 | 58   | 58   | 165        | 172        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 18  | 8    | 3      | 24     | 1.706     | -0.102    | 2.592 | 0.02      | 0.016     | 0         | 55.5 | 58   | 57.2 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 8    | 13     | 24     | 1.699     | -0.102    | 2.592 | 0.016     | 0.013     | 0         | 55.5 | 58   | 57.6 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 8    | 23     | 24     | 1.719     | -0.072    | 2.592 | 0.02      | 0.016     | 0         | 55.5 | 58   | 57.6 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 8    | 33     | 24     | 1.709     | -0.098    | 2.592 | 0.016     | 0.013     | 0         | 55.9 | 58   | 57.6 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 8    | 43     | 24     | 1.706     | -0.128    | 2.592 | 0.02      | 0.016     | 0         | 55   | 57.6 | 58   | 165        | 172        | 0          | 37     | 38     |
| 2009 | 6     | 18  | 8    | 53     | 24     | 1.706     | -0.102    | 2.592 | 0.02      | 0.016     | 0         | 55.5 | 58   | 57.6 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 9    | 3      | 24     | 1.696     | -0.135    | 2.592 | 0.02      | 0.016     | 0         | 55.9 | 58   | 58   | 165        | 172        | 0          | 35     | 37     |
| 2009 | 6     | 18  | 9    | 13     | 24     | 1.719     | -0.089    | 2.592 | 0.016     | 0.016     | 0         | 55.9 | 58   | 58   | 165        | 172        | 0          | 35     | 37     |
| 2009 | 6     | 18  | 9    | 23     | 24     | 1.706     | -0.121    | 2.592 | 0.02      | 0.016     | 0         | 55.5 | 57.2 | 58   | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 18  | 9    | 33     | 24     | 1.693     | -0.125    | 2.592 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 57.6 | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 18  | 9    | 43     | 24     | 1.663     | -0.121    | 2.592 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 57.2 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 18  | 9    | 53     | 24     | 1.719     | -0.049    | 2.592 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 58   | 165        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 18  | 10   | 3      | 24     | 1.719     | -0.144    | 2.589 | 0.016     | 0.016     | 0         | 55   | 57.6 | 58.9 | 165        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 18  | 10   | 13     | 24     | 1.713     | -0.089    | 2.592 | 0.023     | 0.02      | 0         | 55   | 57.6 | 58.5 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 10   | 23     | 24     | 1.667     | -0.089    | 2.592 | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 58   | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 10   | 33     | 24     | 1.752     | -0.131    | 2.589 | 0.016     | 0.013     | 0         | 55   | 57.6 | 58.9 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 10   | 43     | 24     | 1.742     | -0.082    | 2.589 | 0.016     | 0.016     | 0         | 55   | 57.6 | 59.8 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 10   | 53     | 24     | 1.706     | -0.21     | 2.592 | 0.016     | 0.013     | 0         | 55.5 | 58   | 58   | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 11   | 3      | 24     | 1.713     | -0.121    | 2.589 | 0.016     | 0.016     | 0         | 55   | 57.6 | 57.6 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 11   | 13     | 24     | 1.709     | -0.102    | 2.592 | 0.016     | 0.016     | 0         | 54.6 | 57.6 | 58   | 164        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 18  | 11   | 23     | 24     | 1.742     | -0.148    | 2.589 | 0.016     | 0.013     | 0         | 55   | 57.2 | 58.5 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 11   | 33     | 24     | 1.762     | -0.171    | 2.589 | 0.02      | 0.016     | 0         | 55   | 57.2 | 58   | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 11   | 43     | 24     | 1.686     | -0.138    | 2.592 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 58.9 | 164        | 170        | 0          | 37     | 38     |
| 2009 | 6     | 18  | 11   | 53     | 24     | 1.713     | -0.144    | 2.592 | 0.016     | 0.016     | 0         | 55   | 57.2 | 58   | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 12   | 3      | 24     | 1.726     | -0.148    | 2.592 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 58.5 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 18  | 12   | 13     | 24     | 1.719     | -0.098    | 2.592 | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 59.8 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 12   | 23     | 24     | 1.677     | -0.118    | 2.592 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 59.3 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 12   | 33     | 24     | 1.745     | -0.079    | 2.592 | 0.02      | 0.016     | 0         | 54.6 | 56.3 | 58.9 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 18  | 12   | 43     | 24     | 1.706     | -0.121    | 2.592 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 58   | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 12   | 53     | 24     | 1.768     | -0.128    | 2.592 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 58.5 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 13   | 3      | 24     | 1.706     | -0.151    | 2.592 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 57.6 | 163        | 169        | 0          | 36     | 36     |
| 2009 | 6     | 18  | 13   | 13     | 24     | 1.732     | -0.108    | 2.592 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 57.2 | 163        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 18  | 13   | 23     | 24     | 1.719     | -0.118    | 2.592 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 59.3 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 13   | 33     | 24     | 1.749     | -0.138    | 2.592 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 58   | 162        | 169        | 0          | 35     | 36     |
| 2009 | 6     | 18  | 13   | 43     | 24     | 1.703     | -0.039    | 2.592 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 57.6 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 13   | 53     | 24     | 1.709     | -0.171    | 2.592 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 57.6 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 14   | 3      | 24     | 1.706     | -0.075    | 2.592 | 0.02      | 0.016     | 0         | 54.2 | 56.3 | 57.2 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 14   | 13     | 24     | 1.713     | -0.141    | 2.592 | 0.016     | 0.016     | 0         | 54.2 | 57.2 | 58.9 | 162        | 169        | 0          | 36     | 36     |
| 2009 | 6     | 18  | 14   | 23     | 24     | 1.722     | -0.105    | 2.592 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 59.3 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 14   | 33     | 24     | 1.722     | -0.144    | 2.592 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 59.3 | 162        | 168        | 0          | 37     | 37     |
| 2009 | 6     | 18  | 14   | 43     | 24     | 1.722     | -0.066    | 2.595 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 58.9 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 14   | 53     | 24     | 1.726     | -0.161    | 2.595 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 58.5 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 15   | 3      | 24     | 1.726     | -0.092    | 2.592 | 0.02      | 0.016     | 0         | 53.8 | 56.3 | 58   | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 15   | 13     | 24     | 1.722     | -0.056    | 2.595 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 59.3 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 15   | 23     | 24     | 1.699     | -0.108    | 2.595 | 0.02      | 0.016     | 0         | 53.8 | 56.3 | 58.5 | 161        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 18  | 15   | 33     | 24     | 1.729     | -0.079    | 2.595 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 57.6 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 15   | 43     | 24     | 1.729     | -0.105    | 2.595 | 0.016     | 0.016     | 0         | 53.8 | 55.5 | 58.5 | 161        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 18  | 15   | 53     | 24     | 1.696     | -0.112    | 2.595 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 57.6 | 161        | 168        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 18  | 16   | 3      | 24     | 1.742     | -0.151    | 2.595 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 58.5 | 161        | 168        | 0          | 35     | 36     |
| 2009 | 6     | 18  | 16   | 13     | 24     | 1.713     | -0.128    | 2.595 | 0.02      | 0.016     | 0         | 53.8 | 56.3 | 59.8 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 16   | 23     | 24     | 1.716     | -0.098    | 2.595 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 58   | 161        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 18  | 16   | 33     | 24     | 1.693     | -0.131    | 2.595 | 0.02      | 0.016     | 0         | 53.8 | 56.3 | 57.6 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 16   | 43     | 24     | 1.729     | -0.144    | 2.595 | 0.02      | 0.016     | 0         | 53.8 | 56.3 | 58   | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 16   | 53     | 24     | 1.693     | -0.125    | 2.595 | 0.016     | 0.016     | 0         | 54.2 | 55.9 | 58   | 161        | 167        | 0          | 35     | 37     |
| 2009 | 6     | 18  | 17   | 3      | 24     | 1.742     | -0.056    | 2.595 | 0.016     | 0.016     | 0         | 53.8 | 56.8 | 58   | 161        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 18  | 17   | 13     | 24     | 1.706     | -0.118    | 2.595 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 58   | 161        | 168        | 0          | 35     | 36     |
| 2009 | 6     | 18  | 17   | 23     | 24     | 1.778     | -0.102    | 2.595 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 57.2 | 161        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 18  | 17   | 33     | 24     | 1.716     | -0.112    | 2.595 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 58.5 | 161        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 18  | 17   | 43     | 24     | 1.729     | -0.157    | 2.595 | 0.02      | 0.016     | 0         | 53.8 | 56.3 | 56.8 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 17   | 53     | 24     | 1.722     | -0.095    | 2.595 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 58   | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 18   | 3      | 24     | 1.706     | -0.157    | 2.595 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 57.2 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 18   | 13     | 24     | 1.709     | -0.138    | 2.595 | 0.02      | 0.016     | 0         | 53.8 | 56.8 | 58.5 | 161        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 18  | 18   | 23     | 24     | 1.732     | -0.112    | 2.595 | 0.016     | 0.013     | 0         | 54.2 | 55.9 | 58.9 | 161        | 167        | 0          | 35     | 37     |
| 2009 | 6     | 18  | 18   | 33     | 24     | 1.713     | -0.154    | 2.595 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 57.6 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 18   | 43     | 24     | 1.693     | -0.174    | 2.595 | 0.013     | 0.01      | 0         | 54.2 | 56.3 | 58.5 | 161        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 18  | 18   | 53     | 24     | 1.663     | -0.138    | 2.595 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 57.2 | 161        | 168        | 0          | 35     | 36     |
| 2009 | 6     | 18  | 19   | 3      | 24     | 1.69      | -0.171    | 2.595 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 58   | 161        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 18  | 19   | 13     | 24     | 1.696     | -0.079    | 2.598 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 56.8 | 161        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 18  | 19   | 23     | 24     | 1.706     | -0.115    | 2.595 | 0.02      | 0.016     | 0         | 54.2 | 55.9 | 57.2 | 161        | 167        | 0          | 35     | 37     |
| 2009 | 6     | 18  | 19   | 33     | 24     | 1.716     | -0.056    | 2.595 | 0.02      | 0.016     | 0         | 53.8 | 56.3 | 57.2 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 19   | 43     | 24     | 1.716     | -0.148    | 2.595 | 0.02      | 0.016     | 0         | 53.8 | 56.3 | 57.2 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 19   | 53     | 24     | 1.696     | -0.125    | 2.595 | 0.016     | 0.016     | 0         | 53.8 | 56.8 | 57.2 | 161        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 18  | 20   | 3      | 24     | 1.729     | -0.125    | 2.595 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 56.8 | 161        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 18  | 20   | 13     | 24     | 1.713     | -0.075    | 2.598 | 0.02      | 0.016     | 0         | 53.8 | 56.3 | 55.9 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 20   | 23     | 24     | 1.742     | -0.167    | 2.595 | 0.016     | 0.016     | 0         | 54.2 | 55.9 | 57.2 | 161        | 167        | 0          | 35     | 37     |
| 2009 | 6     | 18  | 20   | 33     | 24     | 1.719     | -0.046    | 2.598 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 57.2 | 161        | 168        | 0          | 35     | 36     |
| 2009 | 6     | 18  | 20   | 43     | 24     | 1.696     | -0.125    | 2.595 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 56.3 | 162        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 18  | 20   | 53     | 24     | 1.726     | -0.082    | 2.598 | 0.016     | 0.013     | 0         | 53.8 | 56.8 | 57.2 | 161        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 18  | 21   | 3      | 24     | 1.732     | -0.144    | 2.598 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 56.3 | 161        | 168        | 0          | 35     | 36     |
| 2009 | 6     | 18  | 21   | 13     | 24     | 1.703     | -0.089    | 2.595 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 55   | 162        | 168        | 0          | 35     | 36     |
| 2009 | 6     | 18  | 21   | 23     | 24     | 1.703     | -0.125    | 2.598 | 0.02      | 0.016     | 0         | 54.2 | 56.3 | 57.2 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 21   | 33     | 24     | 1.722     | -0.121    | 2.598 | 0.02      | 0.016     | 0         | 54.2 | 56.3 | 55.5 | 161        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 18  | 21   | 43     | 24     | 1.699     | -0.115    | 2.595 | 0.016     | 0.016     | 0         | 53.8 | 56.8 | 57.6 | 161        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 18  | 21   | 53     | 24     | 1.696     | -0.135    | 2.595 | 0.02      | 0.016     | 0         | 54.2 | 56.3 | 57.2 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 22   | 3      | 24     | 1.686     | -0.171    | 2.595 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 56.8 | 161        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 18  | 22   | 13     | 24     | 1.736     | -0.154    | 2.598 | 0.016     | 0.013     | 0         | 54.6 | 56.3 | 57.2 | 162        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 18  | 22   | 23     | 24     | 1.69      | -0.138    | 2.595 | 0.016     | 0.013     | 0         | 54.2 | 56.8 | 56.3 | 162        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 18  | 22   | 33     | 24     | 1.716     | -0.102    | 2.598 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 56.8 | 162        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 18  | 22   | 43     | 24     | 1.742     | -0.118    | 2.598 | 0.02      | 0.016     | 0         | 53.8 | 57.2 | 57.2 | 161        | 168        | 0          | 36     | 35     |
| 2009 | 6     | 18  | 22   | 53     | 24     | 1.703     | -0.056    | 2.598 | 0.02      | 0.016     | 0         | 54.2 | 56.3 | 57.2 | 161        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 18  | 23   | 3      | 24     | 1.755     | -0.203    | 2.598 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 57.2 | 162        | 168        | 0          | 35     | 36     |
| 2009 | 6     | 18  | 23   | 13     | 24     | 1.699     | -0.121    | 2.595 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 55.9 | 162        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 18  | 23   | 23     | 24     | 1.742     | -0.089    | 2.595 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 56.8 | 162        | 168        | 0          | 35     | 36     |
| 2009 | 6     | 18  | 23   | 33     | 24     | 1.706     | -0.079    | 2.595 | 0.02      | 0.016     | 0         | 54.2 | 56.3 | 56.3 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 23   | 43     | 24     | 1.66      | -0.082    | 2.595 | 0.02      | 0.016     | 0         | 54.2 | 56.3 | 56.8 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 18  | 23   | 53     | 24     | 1.709     | -0.131    | 2.595 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 55.9 | 162        | 169        | 0          | 36     | 37     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 19  | 0    | 3      | 24     | 1.716     | -0.095    | 2.595 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 55.9 | 162        | 169        | 0          | 35     | 37     |
| 2009 | 6     | 19  | 0    | 13     | 24     | 1.686     | -0.148    | 2.595 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 56.8 | 162        | 169        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 0    | 23     | 24     | 1.722     | -0.128    | 2.595 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 56.3 | 162        | 169        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 0    | 33     | 24     | 1.729     | -0.125    | 2.592 | 0.02      | 0.016     | 0         | 55   | 57.2 | 55.5 | 163        | 169        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 0    | 43     | 24     | 1.716     | -0.174    | 2.592 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 55   | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 0    | 53     | 24     | 1.726     | -0.19     | 2.592 | 0.016     | 0.016     | 0         | 55   | 56.8 | 55.9 | 163        | 169        | 0          | 35     | 37     |
| 2009 | 6     | 19  | 1    | 3      | 24     | 1.713     | -0.184    | 2.592 | 0.016     | 0.016     | 0         | 54.6 | 57.6 | 54.6 | 163        | 170        | 0          | 36     | 36     |
| 2009 | 6     | 19  | 1    | 13     | 24     | 1.745     | -0.112    | 2.592 | 0.023     | 0.02      | 0         | 55   | 57.6 | 54.2 | 164        | 170        | 0          | 36     | 36     |
| 2009 | 6     | 19  | 1    | 23     | 24     | 1.69      | -0.138    | 2.589 | 0.02      | 0.016     | 0         | 54.6 | 57.6 | 55.5 | 163        | 170        | 0          | 36     | 36     |
| 2009 | 6     | 19  | 1    | 33     | 24     | 1.693     | -0.059    | 2.589 | 0.016     | 0.016     | 0         | 55   | 57.2 | 55.5 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 1    | 43     | 24     | 1.706     | -0.125    | 2.589 | 0.02      | 0.016     | 0         | 55.5 | 57.2 | 54.2 | 164        | 170        | 0          | 35     | 37     |
| 2009 | 6     | 19  | 1    | 53     | 24     | 1.732     | -0.125    | 2.589 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 54.6 | 164        | 171        | 0          | 35     | 37     |
| 2009 | 6     | 19  | 2    | 3      | 24     | 1.726     | -0.144    | 2.585 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 55.9 | 164        | 171        | 0          | 35     | 37     |
| 2009 | 6     | 19  | 2    | 13     | 24     | 1.713     | -0.151    | 2.585 | 0.02      | 0.016     | 0         | 55.5 | 58   | 55   | 165        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 19  | 2    | 23     | 24     | 1.732     | -0.151    | 2.585 | 0.016     | 0.016     | 0         | 55.9 | 58   | 54.6 | 165        | 171        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 2    | 33     | 24     | 1.726     | -0.157    | 2.582 | 0.016     | 0.016     | 0         | 55.5 | 58.5 | 54.2 | 165        | 172        | 0          | 36     | 36     |
| 2009 | 6     | 19  | 2    | 43     | 24     | 1.716     | -0.118    | 2.582 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 53.3 | 165        | 172        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 2    | 53     | 24     | 1.68      | -0.089    | 2.582 | 0.016     | 0.013     | 0         | 55.9 | 58   | 53.8 | 165        | 172        | 0          | 35     | 37     |
| 2009 | 6     | 19  | 3    | 3      | 24     | 1.726     | -0.174    | 2.582 | 0.02      | 0.016     | 0         | 55.9 | 57.6 | 54.6 | 165        | 171        | 0          | 35     | 37     |
| 2009 | 6     | 19  | 3    | 13     | 24     | 1.739     | -0.157    | 2.579 | 0.02      | 0.016     | 0         | 55.5 | 58   | 54.2 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 3    | 23     | 24     | 1.703     | -0.125    | 2.579 | 0.02      | 0.016     | 0         | 55.9 | 58   | 55   | 165        | 171        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 3    | 33     | 24     | 1.706     | -0.171    | 2.579 | 0.023     | 0.02      | 0         | 55.9 | 58.5 | 55.5 | 165        | 172        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 3    | 43     | 24     | 1.703     | -0.089    | 2.579 | 0.016     | 0.013     | 0         | 55.9 | 58   | 55   | 165        | 171        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 3    | 53     | 24     | 1.696     | -0.125    | 2.579 | 0.016     | 0.013     | 0         | 55   | 57.6 | 55   | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 4    | 3      | 24     | 1.699     | -0.052    | 2.579 | 0.02      | 0.016     | 0         | 55   | 57.6 | 54.6 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 4    | 13     | 24     | 1.736     | -0.171    | 2.579 | 0.016     | 0.016     | 0         | 55.5 | 58   | 55.5 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 4    | 23     | 24     | 1.696     | -0.056    | 2.575 | 0.02      | 0.016     | 0         | 55.5 | 58   | 55   | 164        | 171        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 4    | 33     | 24     | 1.722     | -0.157    | 2.575 | 0.016     | 0.016     | 0         | 55.5 | 58   | 55.9 | 165        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 19  | 4    | 43     | 24     | 1.752     | -0.095    | 2.575 | 0.016     | 0.013     | 0         | 55.5 | 58   | 55   | 165        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 19  | 4    | 53     | 24     | 1.726     | -0.102    | 2.575 | 0.02      | 0.016     | 0         | 55.9 | 58.5 | 55.5 | 165        | 172        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 5    | 3      | 24     | 1.726     | -0.089    | 2.575 | 0.02      | 0.016     | 0         | 55.9 | 58   | 55.9 | 165        | 172        | 0          | 35     | 37     |
| 2009 | 6     | 19  | 5    | 13     | 24     | 1.765     | -0.164    | 2.575 | 0.016     | 0.016     | 0         | 56.3 | 58   | 55.9 | 166        | 172        | 0          | 35     | 37     |
| 2009 | 6     | 19  | 5    | 23     | 24     | 1.703     | -0.144    | 2.575 | 0.02      | 0.016     | 0         | 55.9 | 58   | 55   | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 5    | 33     | 24     | 1.706     | -0.089    | 2.575 | 0.02      | 0.016     | 0         | 56.3 | 58.5 | 55   | 166        | 173        | 0          | 35     | 37     |
| 2009 | 6     | 19  | 5    | 43     | 24     | 1.696     | -0.085    | 2.575 | 0.02      | 0.016     | 0         | 56.3 | 58.5 | 55   | 166        | 173        | 0          | 35     | 37     |
| 2009 | 6     | 19  | 5    | 53     | 24     | 1.719     | -0.082    | 2.575 | 0.02      | 0.016     | 0         | 57.2 | 58.9 | 53.8 | 168        | 174        | 0          | 35     | 37     |
| 2009 | 6     | 19  | 6    | 3      | 24     | 1.706     | -0.095    | 2.575 | 0.016     | 0.016     | 0         | 55.9 | 58.9 | 55   | 166        | 173        | 0          | 36     | 36     |
| 2009 | 6     | 19  | 6    | 13     | 24     | 1.739     | -0.125    | 2.575 | 0.02      | 0.016     | 0         | 56.3 | 58.9 | 53.8 | 166        | 173        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 6    | 23     | 24     | 1.703     | -0.135    | 2.575 | 0.02      | 0.016     | 0         | 56.3 | 58.9 | 53.8 | 167        | 173        | 0          | 36     | 36     |
| 2009 | 6     | 19  | 6    | 33     | 24     | 1.69      | -0.125    | 2.579 | 0.016     | 0.016     | 0         | 55.9 | 58   | 54.2 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 6    | 43     | 24     | 1.716     | -0.144    | 2.579 | 0.02      | 0.016     | 0         | 55.9 | 58   | 52.9 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 6    | 53     | 24     | 1.729     | -0.115    | 2.579 | 0.016     | 0.016     | 0         | 55.5 | 58   | 54.6 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 7    | 3      | 24     | 1.732     | -0.108    | 2.579 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 55   | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 7    | 13     | 24     | 1.722     | -0.138    | 2.579 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 53.3 | 165        | 172        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 7    | 23     | 24     | 1.703     | -0.082    | 2.582 | 0.016     | 0.016     | 0         | 55.5 | 58   | 54.2 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 7    | 33     | 24     | 1.703     | -0.079    | 2.582 | 0.016     | 0.013     | 0         | 55.5 | 58   | 54.6 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 7    | 43     | 24     | 1.699     | -0.148    | 2.582 | 0.02      | 0.016     | 0         | 55.5 | 58   | 53.3 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 7    | 53     | 24     | 1.68      | -0.092    | 2.582 | 0.016     | 0.016     | 0         | 55.5 | 58   | 55   | 165        | 172        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 19  | 8    | 3      | 24     | 1.719     | -0.098    | 2.585 | 0.02      | 0.016     | 0         | 55.5 | 58   | 54.2 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 8    | 13     | 24     | 1.739     | -0.125    | 2.585 | 0.016     | 0.016     | 0         | 55.9 | 58   | 53.3 | 165        | 172        | 0          | 35     | 37     |
| 2009 | 6     | 19  | 8    | 23     | 24     | 1.703     | -0.121    | 2.585 | 0.02      | 0.016     | 0         | 55.5 | 58   | 55   | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 8    | 33     | 24     | 1.699     | -0.131    | 2.585 | 0.02      | 0.016     | 0         | 55.9 | 58   | 54.2 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 8    | 43     | 24     | 1.693     | -0.105    | 2.589 | 0.016     | 0.016     | 0         | 56.8 | 59.8 | 55   | 168        | 175        | 0          | 36     | 36     |
| 2009 | 6     | 19  | 8    | 53     | 24     | 1.722     | -0.121    | 2.589 | 0.02      | 0.016     | 0         | 55.5 | 58.5 | 55.5 | 165        | 172        | 0          | 36     | 36     |
| 2009 | 6     | 19  | 9    | 3      | 24     | 1.729     | -0.075    | 2.589 | 0.02      | 0.016     | 0         | 55.9 | 57.6 | 54.6 | 165        | 172        | 0          | 35     | 38     |
| 2009 | 6     | 19  | 9    | 13     | 24     | 1.739     | -0.089    | 2.589 | 0.02      | 0.016     | 0         | 55.5 | 58   | 55.5 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 9    | 23     | 24     | 1.706     | -0.148    | 2.592 | 0.02      | 0.016     | 0         | 55.5 | 58   | 55.5 | 165        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 19  | 9    | 33     | 24     | 1.722     | -0.095    | 2.589 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 55   | 165        | 171        | 0          | 35     | 37     |
| 2009 | 6     | 19  | 9    | 43     | 24     | 1.722     | -0.131    | 2.592 | 0.02      | 0.016     | 0         | 55.5 | 58.5 | 56.3 | 165        | 172        | 0          | 36     | 36     |
| 2009 | 6     | 19  | 9    | 53     | 24     | 1.703     | -0.161    | 2.592 | 0.016     | 0.016     | 0         | 55.5 | 58   | 55.9 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 10   | 3      | 24     | 1.736     | -0.174    | 2.592 | 0.016     | 0.013     | 0         | 55.9 | 58   | 56.3 | 165        | 172        | 0          | 35     | 37     |
| 2009 | 6     | 19  | 10   | 13     | 24     | 1.68      | -0.144    | 2.592 | 0.016     | 0.016     | 0         | 56.3 | 58   | 56.3 | 166        | 172        | 0          | 35     | 37     |
| 2009 | 6     | 19  | 10   | 23     | 24     | 1.709     | -0.105    | 2.592 | 0.016     | 0.016     | 0         | 55.5 | 58   | 55   | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 10   | 33     | 24     | 1.752     | -0.098    | 2.592 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 56.8 | 165        | 172        | 0          | 36     | 38     |
| 2009 | 6     | 19  | 10   | 43     | 24     | 1.703     | -0.079    | 2.592 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 55.9 | 166        | 172        | 0          | 36     | 36     |
| 2009 | 6     | 19  | 10   | 53     | 24     | 1.69      | -0.161    | 2.592 | 0.02      | 0.016     | 0         | 55.9 | 58.5 | 56.3 | 166        | 172        | 0          | 36     | 36     |
| 2009 | 6     | 19  | 11   | 3      | 24     | 1.706     | -0.102    | 2.592 | 0.016     | 0.013     | 0         | 55.9 | 58.5 | 56.8 | 166        | 172        | 0          | 36     | 36     |
| 2009 | 6     | 19  | 11   | 13     | 24     | 1.726     | -0.148    | 2.595 | 0.02      | 0.016     | 0         | 55.9 | 58.9 | 57.6 | 166        | 173        | 0          | 36     | 36     |
| 2009 | 6     | 19  | 11   | 23     | 24     | 1.749     | -0.072    | 2.595 | 0.016     | 0.013     | 0         | 55.9 | 58   | 56.3 | 166        | 173        | 0          | 36     | 38     |
| 2009 | 6     | 19  | 11   | 33     | 24     | 1.703     | -0.115    | 2.595 | 0.02      | 0.016     | 0         | 56.8 | 58.5 | 56.8 | 167        | 173        | 0          | 35     | 37     |
| 2009 | 6     | 19  | 11   | 43     | 24     | 1.719     | -0.135    | 2.595 | 0.016     | 0.016     | 0         | 57.2 | 59.3 | 56.3 | 168        | 174        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 11   | 53     | 24     | 1.726     | -0.174    | 2.595 | 0.02      | 0.016     | 0         | 56.3 | 59.3 | 55   | 167        | 174        | 0          | 36     | 36     |
| 2009 | 6     | 19  | 12   | 3      | 24     | 1.709     | -0.167    | 2.598 | 0.016     | 0.013     | 0         | 56.8 | 58.9 | 55.9 | 168        | 174        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 12   | 13     | 24     | 1.713     | -0.079    | 2.598 | 0.016     | 0.013     | 0         | 55.9 | 58.5 | 55.5 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 12   | 23     | 24     | 1.693     | -0.105    | 2.598 | 0.02      | 0.016     | 0         | 55.9 | 58   | 58.5 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 12   | 33     | 24     | 1.709     | -0.177    | 2.598 | 0.02      | 0.016     | 0         | 55.9 | 58.5 | 56.8 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 12   | 43     | 24     | 1.696     | -0.089    | 2.598 | 0.02      | 0.016     | 0         | 56.8 | 58.9 | 55.5 | 167        | 174        | 0          | 35     | 37     |
| 2009 | 6     | 19  | 12   | 53     | 24     | 1.716     | -0.095    | 2.598 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 56.3 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 13   | 3      | 24     | 1.716     | -0.079    | 2.598 | 0.016     | 0.013     | 0         | 55.9 | 58.5 | 57.2 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 13   | 13     | 24     | 1.729     | -0.056    | 2.598 | 0.016     | 0.013     | 0         | 55.9 | 58.5 | 56.3 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 13   | 23     | 24     | 1.726     | -0.148    | 2.602 | 0.016     | 0.016     | 0         | 55.9 | 58   | 57.2 | 166        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 13   | 33     | 24     | 1.673     | -0.125    | 2.602 | 0.02      | 0.016     | 0         | 56.3 | 58.9 | 54.6 | 167        | 174        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 13   | 43     | 24     | 1.716     | -0.069    | 2.602 | 0.016     | 0.016     | 0         | 56.8 | 58.5 | 56.3 | 167        | 173        | 0          | 35     | 37     |
| 2009 | 6     | 19  | 13   | 53     | 24     | 1.736     | -0.089    | 2.602 | 0.016     | 0.016     | 0         | 57.2 | 59.8 | 53.8 | 169        | 176        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 14   | 3      | 24     | 1.713     | -0.089    | 2.602 | 0.016     | 0.013     | 0         | 57.6 | 59.3 | 55.9 | 169        | 175        | 0          | 35     | 37     |
| 2009 | 6     | 19  | 14   | 13     | 24     | 1.732     | -0.089    | 2.602 | 0.016     | 0.013     | 0         | 57.2 | 58.9 | 55.9 | 168        | 174        | 0          | 35     | 37     |
| 2009 | 6     | 19  | 14   | 23     | 24     | 1.696     | -0.089    | 2.605 | 0.02      | 0.016     | 0         | 56.8 | 58.9 | 56.8 | 168        | 174        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 14   | 33     | 24     | 1.64      | -0.082    | 2.605 | 0.016     | 0.016     | 0         | 56.3 | 59.3 | 57.2 | 167        | 174        | 0          | 36     | 36     |
| 2009 | 6     | 19  | 14   | 43     | 24     | 1.709     | -0.092    | 2.605 | 0.016     | 0.016     | 0         | 56.3 | 58.9 | 55.9 | 167        | 173        | 0          | 36     | 36     |
| 2009 | 6     | 19  | 14   | 53     | 24     | 1.703     | -0.079    | 2.605 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 56.3 | 166        | 173        | 0          | 35     | 37     |
| 2009 | 6     | 19  | 15   | 3      | 24     | 1.699     | -0.105    | 2.605 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 57.2 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 15   | 13     | 24     | 1.719     | -0.108    | 2.605 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 56.3 | 166        | 173        | 0          | 35     | 37     |
| 2009 | 6     | 19  | 15   | 23     | 24     | 1.752     | -0.151    | 2.605 | 0.016     | 0.016     | 0         | 55.5 | 58   | 57.6 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 15   | 33     | 24     | 1.722     | -0.036    | 2.605 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 58   | 165        | 171        | 0          | 35     | 37     |
| 2009 | 6     | 19  | 15   | 43     | 24     | 1.745     | -0.112    | 2.608 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 57.2 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 15   | 53     | 24     | 1.752     | -0.164    | 2.608 | 0.02      | 0.016     | 0         | 55.9 | 57.6 | 56.8 | 165        | 171        | 0          | 35     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 19  | 16   | 3      | 24     | 1.716     | -0.069    | 2.608 | 0.016     | 0.013     | 0         | 55.5 | 58   | 58   | 165        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 19  | 16   | 13     | 24     | 1.69      | -0.079    | 2.608 | 0.016     | 0.013     | 0         | 55.9 | 57.2 | 56.8 | 165        | 171        | 0          | 35     | 38     |
| 2009 | 6     | 19  | 16   | 23     | 24     | 1.722     | -0.135    | 2.608 | 0.02      | 0.016     | 0         | 55   | 57.6 | 57.2 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 16   | 33     | 24     | 1.657     | -0.039    | 2.612 | 0.016     | 0.016     | 0         | 55.9 | 58   | 56.8 | 165        | 171        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 16   | 43     | 24     | 1.736     | -0.148    | 2.612 | 0.02      | 0.016     | 0         | 55   | 58   | 57.2 | 164        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 19  | 16   | 53     | 24     | 1.739     | -0.082    | 2.612 | 0.016     | 0.013     | 0         | 55.9 | 58   | 54.2 | 165        | 172        | 0          | 35     | 37     |
| 2009 | 6     | 19  | 17   | 3      | 24     | 1.703     | -0.125    | 2.615 | 0.02      | 0.016     | 0         | 56.3 | 58.9 | 55   | 166        | 173        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 17   | 13     | 24     | 1.742     | -0.089    | 2.615 | 0.016     | 0.016     | 0         | 56.8 | 58.5 | 54.6 | 167        | 173        | 0          | 35     | 37     |
| 2009 | 6     | 19  | 17   | 23     | 24     | 1.713     | -0.102    | 2.615 | 0.016     | 0.016     | 0         | 56.3 | 58.5 | 55.5 | 166        | 172        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 17   | 33     | 24     | 1.759     | -0.095    | 2.615 | 0.02      | 0.016     | 0         | 55.9 | 58   | 55   | 165        | 171        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 17   | 43     | 24     | 1.768     | -0.171    | 2.615 | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 55.5 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 17   | 53     | 24     | 1.703     | -0.102    | 2.615 | 0.02      | 0.016     | 0         | 55.9 | 57.6 | 55   | 165        | 171        | 0          | 35     | 37     |
| 2009 | 6     | 19  | 18   | 3      | 24     | 1.726     | -0.138    | 2.615 | 0.016     | 0.016     | 0         | 55   | 58   | 56.3 | 164        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 19  | 18   | 13     | 24     | 1.752     | -0.177    | 2.618 | 0.02      | 0.016     | 0         | 55.5 | 58   | 55.9 | 164        | 171        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 18   | 23     | 24     | 1.706     | -0.098    | 2.618 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 55   | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 18   | 33     | 24     | 1.719     | -0.157    | 2.621 | 0.016     | 0.016     | 0         | 55.9 | 58   | 54.6 | 165        | 171        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 18   | 43     | 24     | 1.716     | -0.046    | 2.625 | 0.016     | 0.016     | 0         | 55.5 | 58   | 54.2 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 18   | 53     | 24     | 1.726     | -0.092    | 2.621 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 54.6 | 165        | 172        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 19   | 3      | 24     | 1.726     | -0.062    | 2.625 | 0.016     | 0.016     | 0         | 55.9 | 58   | 54.6 | 165        | 172        | 0          | 35     | 37     |
| 2009 | 6     | 19  | 19   | 13     | 24     | 1.755     | -0.138    | 2.625 | 0.016     | 0.016     | 0         | 55.9 | 58   | 55.9 | 165        | 171        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 19   | 23     | 24     | 1.729     | -0.115    | 2.628 | 0.016     | 0.016     | 0         | 55.5 | 58   | 55   | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 19   | 33     | 24     | 1.729     | -0.148    | 2.631 | 0.02      | 0.016     | 0         | 55.5 | 58   | 55   | 165        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 19  | 19   | 43     | 24     | 1.673     | -0.069    | 2.635 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 54.6 | 165        | 172        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 19   | 53     | 24     | 1.729     | -0.131    | 2.635 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 55.5 | 165        | 172        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 20   | 3      | 24     | 1.686     | -0.082    | 2.635 | 0.02      | 0.016     | 0         | 56.3 | 58.5 | 55.5 | 166        | 172        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 20   | 13     | 24     | 1.726     | -0.085    | 2.638 | 0.016     | 0.013     | 0         | 55.5 | 58.5 | 55.9 | 165        | 172        | 0          | 36     | 36     |
| 2009 | 6     | 19  | 20   | 23     | 24     | 1.686     | -0.013    | 2.638 | 0.016     | 0.016     | 0         | 55.9 | 58.5 | 55   | 165        | 172        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 20   | 33     | 24     | 1.709     | -0.125    | 2.638 | 0.016     | 0.013     | 0         | 55.9 | 57.6 | 55.9 | 165        | 171        | 0          | 35     | 37     |
| 2009 | 6     | 19  | 20   | 43     | 24     | 1.709     | -0.075    | 2.638 | 0.02      | 0.016     | 0         | 55.9 | 58.5 | 56.3 | 166        | 172        | 0          | 36     | 36     |
| 2009 | 6     | 19  | 20   | 53     | 24     | 1.722     | -0.062    | 2.641 | 0.016     | 0.016     | 0         | 55.5 | 58   | 54.6 | 164        | 171        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 21   | 3      | 24     | 1.736     | -0.105    | 2.641 | 0.02      | 0.016     | 0         | 55.5 | 57.2 | 56.8 | 164        | 170        | 0          | 35     | 37     |
| 2009 | 6     | 19  | 21   | 13     | 24     | 1.699     | -0.059    | 2.641 | 0.016     | 0.013     | 0         | 55.5 | 57.2 | 56.3 | 164        | 170        | 0          | 35     | 37     |
| 2009 | 6     | 19  | 21   | 23     | 24     | 1.709     | -0.075    | 2.644 | 0.016     | 0.016     | 0         | 55.5 | 58   | 57.6 | 164        | 171        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 21   | 33     | 24     | 1.729     | -0.125    | 2.644 | 0.016     | 0.016     | 0         | 55   | 57.6 | 58.5 | 164        | 170        | 0          | 36     | 36     |
| 2009 | 6     | 19  | 21   | 43     | 24     | 1.719     | -0.092    | 2.644 | 0.02      | 0.016     | 0         | 55   | 57.6 | 57.2 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 21   | 53     | 24     | 1.719     | -0.121    | 2.644 | 0.016     | 0.016     | 0         | 55   | 58   | 58   | 164        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 19  | 22   | 3      | 24     | 1.742     | -0.121    | 2.648 | 0.02      | 0.016     | 0         | 55.5 | 58   | 57.2 | 164        | 171        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 22   | 13     | 24     | 1.785     | -0.089    | 2.648 | 0.016     | 0.013     | 0         | 55.5 | 58   | 58   | 165        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 19  | 22   | 23     | 24     | 1.736     | -0.138    | 2.648 | 0.016     | 0.013     | 0         | 55.5 | 58   | 57.6 | 165        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 19  | 22   | 33     | 24     | 1.719     | -0.164    | 2.648 | 0.016     | 0.016     | 0         | 55   | 58   | 57.2 | 164        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 19  | 22   | 43     | 24     | 1.706     | -0.079    | 2.648 | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 57.2 | 164        | 171        | 0          | 35     | 37     |
| 2009 | 6     | 19  | 22   | 53     | 24     | 1.706     | -0.03     | 2.648 | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 58   | 164        | 170        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 23   | 3      | 24     | 1.732     | -0.079    | 2.648 | 0.016     | 0.013     | 0         | 54.6 | 57.6 | 58.5 | 163        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 23   | 13     | 24     | 1.742     | -0.089    | 2.648 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 57.6 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 19  | 23   | 23     | 24     | 1.713     | -0.056    | 2.648 | 0.02      | 0.016     | 0         | 55   | 57.6 | 57.6 | 163        | 170        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 23   | 33     | 24     | 1.736     | -0.085    | 2.648 | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 57.6 | 164        | 170        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 23   | 43     | 24     | 1.729     | -0.095    | 2.648 | 0.013     | 0.01      | 0         | 55.5 | 57.6 | 57.2 | 164        | 170        | 0          | 35     | 36     |
| 2009 | 6     | 19  | 23   | 53     | 24     | 1.69      | -0.105    | 2.648 | 0.016     | 0.016     | 0         | 55   | 57.2 | 56.8 | 164        | 170        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 20  | 0    | 3      | 24     | 1.703     | -0.085    | 2.648 | 0.016     | 0.013     | 0         | 55   | 57.2 | 57.6 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 0    | 13     | 24     | 1.732     | -0.052    | 2.651 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 56.3 | 164        | 170        | 0          | 35     | 37     |
| 2009 | 6     | 20  | 0    | 23     | 24     | 1.755     | -0.157    | 2.651 | 0.02      | 0.016     | 0         | 55   | 57.6 | 55.9 | 164        | 170        | 0          | 36     | 36     |
| 2009 | 6     | 20  | 0    | 33     | 24     | 1.726     | -0.135    | 2.651 | 0.02      | 0.016     | 0         | 55   | 57.6 | 56.8 | 164        | 170        | 0          | 36     | 36     |
| 2009 | 6     | 20  | 0    | 43     | 24     | 1.696     | -0.118    | 2.651 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 57.2 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 0    | 53     | 24     | 1.749     | -0.141    | 2.651 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 57.2 | 164        | 170        | 0          | 35     | 36     |
| 2009 | 6     | 20  | 1    | 3      | 24     | 1.729     | -0.141    | 2.651 | 0.016     | 0.016     | 0         | 55   | 57.2 | 56.8 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 1    | 13     | 24     | 1.713     | -0.056    | 2.651 | 0.02      | 0.016     | 0         | 55.5 | 57.2 | 58   | 164        | 170        | 0          | 35     | 37     |
| 2009 | 6     | 20  | 1    | 23     | 24     | 1.742     | -0.144    | 2.651 | 0.02      | 0.016     | 0         | 55   | 57.6 | 57.2 | 164        | 170        | 0          | 36     | 36     |
| 2009 | 6     | 20  | 1    | 33     | 24     | 1.683     | -0.056    | 2.651 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 56.8 | 164        | 170        | 0          | 35     | 37     |
| 2009 | 6     | 20  | 1    | 43     | 24     | 1.745     | -0.108    | 2.651 | 0.023     | 0.02      | 0         | 55.5 | 58   | 56.3 | 164        | 171        | 0          | 35     | 36     |
| 2009 | 6     | 20  | 1    | 53     | 24     | 1.719     | -0.128    | 2.651 | 0.016     | 0.016     | 0         | 55   | 57.2 | 55.5 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 2    | 3      | 24     | 1.706     | -0.154    | 2.654 | 0.02      | 0.016     | 0         | 55   | 58   | 56.3 | 164        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 20  | 2    | 13     | 24     | 1.762     | -0.072    | 2.654 | 0.02      | 0.016     | 0         | 55   | 57.6 | 55.9 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 2    | 23     | 24     | 1.709     | -0.072    | 2.654 | 0.016     | 0.013     | 0         | 55   | 57.6 | 56.3 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 2    | 33     | 24     | 1.722     | -0.112    | 2.654 | 0.016     | 0.016     | 0         | 55   | 58   | 56.3 | 164        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 20  | 2    | 43     | 24     | 1.732     | 0.003     | 2.654 | 0.02      | 0.016     | 0         | 55.9 | 57.6 | 55   | 165        | 171        | 0          | 35     | 37     |
| 2009 | 6     | 20  | 2    | 53     | 24     | 1.716     | -0.089    | 2.657 | 0.02      | 0.016     | 0         | 55   | 57.2 | 55   | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 3    | 3      | 24     | 1.759     | -0.075    | 2.657 | 0.016     | 0.013     | 0         | 55.5 | 58   | 55   | 164        | 171        | 0          | 35     | 36     |
| 2009 | 6     | 20  | 3    | 13     | 24     | 1.713     | -0.085    | 2.661 | 0.016     | 0.013     | 0         | 55   | 57.6 | 54.6 | 164        | 170        | 0          | 36     | 36     |
| 2009 | 6     | 20  | 3    | 23     | 24     | 1.759     | -0.102    | 2.664 | 0.016     | 0.016     | 0         | 55   | 57.6 | 54.2 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 3    | 33     | 24     | 1.722     | -0.046    | 2.671 | 0.02      | 0.016     | 0         | 55.5 | 58   | 55   | 164        | 171        | 0          | 35     | 36     |
| 2009 | 6     | 20  | 3    | 43     | 24     | 1.699     | -0.089    | 2.671 | 0.016     | 0.016     | 0         | 55   | 58   | 55   | 164        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 20  | 3    | 53     | 24     | 1.749     | -0.118    | 2.671 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 54.6 | 164        | 171        | 0          | 35     | 37     |
| 2009 | 6     | 20  | 4    | 3      | 24     | 1.713     | -0.046    | 2.674 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 55.5 | 164        | 171        | 0          | 35     | 37     |
| 2009 | 6     | 20  | 4    | 13     | 24     | 1.713     | -0.125    | 2.674 | 0.016     | 0.016     | 0         | 55   | 58   | 55.5 | 164        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 20  | 4    | 23     | 24     | 1.696     | -0.102    | 2.677 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 56.3 | 164        | 171        | 0          | 35     | 37     |
| 2009 | 6     | 20  | 4    | 33     | 24     | 1.732     | -0.066    | 2.677 | 0.016     | 0.013     | 0         | 55   | 57.6 | 57.6 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 4    | 43     | 24     | 1.709     | -0.098    | 2.677 | 0.013     | 0.01      | 0         | 55.9 | 57.6 | 55.9 | 165        | 171        | 0          | 35     | 37     |
| 2009 | 6     | 20  | 4    | 53     | 24     | 1.742     | -0.138    | 2.677 | 0.02      | 0.016     | 0         | 55   | 57.6 | 57.2 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 5    | 3      | 24     | 1.729     | -0.089    | 2.68  | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 57.6 | 165        | 171        | 0          | 35     | 37     |
| 2009 | 6     | 20  | 5    | 13     | 24     | 1.742     | -0.095    | 2.68  | 0.016     | 0.016     | 0         | 55.9 | 58   | 57.6 | 165        | 172        | 0          | 35     | 37     |
| 2009 | 6     | 20  | 5    | 23     | 24     | 1.732     | -0.066    | 2.68  | 0.013     | 0.01      | 0         | 55.5 | 58   | 57.6 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 5    | 33     | 24     | 1.722     | -0.023    | 2.68  | 0.016     | 0.016     | 0         | 55.5 | 58.5 | 57.6 | 165        | 172        | 0          | 36     | 36     |
| 2009 | 6     | 20  | 5    | 43     | 24     | 1.716     | -0.092    | 2.68  | 0.016     | 0.016     | 0         | 55.5 | 58   | 56.8 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 5    | 53     | 24     | 1.788     | -0.085    | 2.684 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 55.5 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 6    | 3      | 24     | 1.736     | -0.121    | 2.684 | 0.016     | 0.013     | 0         | 55.9 | 57.6 | 56.8 | 165        | 171        | 0          | 35     | 37     |
| 2009 | 6     | 20  | 6    | 13     | 24     | 1.739     | -0.125    | 2.684 | 0.02      | 0.016     | 0         | 55.5 | 57.6 | 56.3 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 6    | 23     | 24     | 1.732     | -0.164    | 2.684 | 0.016     | 0.016     | 0         | 55.5 | 58   | 56.8 | 165        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 20  | 6    | 33     | 24     | 1.683     | -0.079    | 2.687 | 0.016     | 0.016     | 0         | 55   | 58   | 56.3 | 164        | 171        | 0          | 36     | 36     |
| 2009 | 6     | 20  | 6    | 43     | 24     | 1.703     | -0.089    | 2.687 | 0.02      | 0.016     | 0         | 55   | 57.6 | 55.5 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 6    | 53     | 24     | 1.716     | -0.108    | 2.687 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 55.5 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 7    | 3      | 24     | 1.736     | -0.079    | 2.687 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 55.5 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 7    | 13     | 24     | 1.745     | -0.108    | 2.69  | 0.016     | 0.016     | 0         | 55   | 57.6 | 55.5 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 7    | 23     | 24     | 1.722     | -0.128    | 2.69  | 0.02      | 0.016     | 0         | 55   | 57.6 | 54.6 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 7    | 33     | 24     | 1.742     | -0.144    | 2.697 | 0.02      | 0.016     | 0         | 55   | 57.2 | 54.2 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 7    | 43     | 24     | 1.742     | -0.128    | 2.697 | 0.016     | 0.016     | 0         | 55   | 57.6 | 54.2 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 7    | 53     | 24     | 1.732     | -0.125    | 2.703 | 0.016     | 0.016     | 0         | 55.5 | 58   | 55.5 | 165        | 172        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 20  | 8    | 3      | 24     | 1.752     | -0.148    | 2.703 | 0.02      | 0.016     | 0         | 55.5 | 57.2 | 55   | 164        | 170        | 0          | 35     | 37     |
| 2009 | 6     | 20  | 8    | 13     | 24     | 1.768     | -0.056    | 2.703 | 0.016     | 0.013     | 0         | 55   | 57.2 | 55.9 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 8    | 23     | 24     | 1.745     | -0.075    | 2.707 | 0.016     | 0.016     | 0         | 55.5 | 57.2 | 56.3 | 164        | 170        | 0          | 35     | 37     |
| 2009 | 6     | 20  | 8    | 33     | 24     | 1.742     | -0.098    | 2.71  | 0.016     | 0.013     | 0         | 55.5 | 57.2 | 56.8 | 164        | 170        | 0          | 35     | 37     |
| 2009 | 6     | 20  | 8    | 43     | 24     | 1.745     | -0.066    | 2.71  | 0.016     | 0.016     | 0         | 55   | 57.6 | 55.9 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 8    | 53     | 24     | 1.755     | -0.095    | 2.71  | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 56.8 | 164        | 170        | 0          | 35     | 36     |
| 2009 | 6     | 20  | 9    | 3      | 24     | 1.762     | -0.131    | 2.713 | 0.016     | 0.016     | 0         | 55   | 57.2 | 57.2 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 9    | 13     | 24     | 1.716     | -0.112    | 2.713 | 0.02      | 0.016     | 0         | 55   | 57.2 | 58.9 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 9    | 23     | 24     | 1.699     | -0.118    | 2.713 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 58.5 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 9    | 33     | 24     | 1.732     | -0.098    | 2.717 | 0.02      | 0.016     | 0         | 54.6 | 57.2 | 58.5 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 9    | 43     | 24     | 1.729     | -0.161    | 2.717 | 0.016     | 0.016     | 0         | 55   | 57.6 | 57.6 | 164        | 170        | 0          | 36     | 36     |
| 2009 | 6     | 20  | 9    | 53     | 24     | 1.713     | -0.102    | 2.717 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 57.6 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 10   | 3      | 24     | 1.732     | -0.125    | 2.717 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 58.5 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 10   | 13     | 24     | 1.722     | -0.079    | 2.717 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 56.8 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 10   | 23     | 24     | 1.749     | -0.075    | 2.72  | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 58.5 | 163        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 20  | 10   | 33     | 24     | 1.772     | -0.128    | 2.72  | 0.016     | 0.013     | 0         | 55   | 56.8 | 57.6 | 163        | 169        | 0          | 35     | 37     |
| 2009 | 6     | 20  | 10   | 43     | 24     | 1.742     | -0.171    | 2.72  | 0.02      | 0.016     | 0         | 55   | 56.8 | 56.8 | 163        | 169        | 0          | 35     | 37     |
| 2009 | 6     | 20  | 10   | 53     | 24     | 1.765     | -0.052    | 2.723 | 0.02      | 0.016     | 0         | 55   | 56.8 | 57.2 | 163        | 169        | 0          | 35     | 37     |
| 2009 | 6     | 20  | 11   | 3      | 24     | 1.739     | -0.056    | 2.723 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 58   | 163        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 20  | 11   | 13     | 24     | 1.732     | -0.125    | 2.723 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 57.2 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 11   | 23     | 24     | 1.749     | -0.056    | 2.723 | 0.02      | 0.016     | 0         | 54.2 | 56.3 | 56.8 | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 20  | 11   | 33     | 24     | 1.765     | -0.131    | 2.726 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 55   | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 11   | 43     | 24     | 1.759     | -0.072    | 2.726 | 0.02      | 0.016     | 0         | 54.6 | 56.3 | 56.3 | 162        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 20  | 11   | 53     | 24     | 1.69      | -0.167    | 2.73  | 0.02      | 0.016     | 0         | 54.2 | 57.2 | 56.8 | 162        | 169        | 0          | 36     | 36     |
| 2009 | 6     | 20  | 12   | 3      | 24     | 1.749     | -0.066    | 2.73  | 0.023     | 0.02      | 0         | 54.2 | 56.3 | 55.5 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 12   | 13     | 24     | 1.709     | -0.105    | 2.73  | 0.016     | 0.013     | 0         | 54.2 | 56.8 | 55.9 | 162        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 20  | 12   | 23     | 24     | 1.749     | -0.098    | 2.733 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 55   | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 12   | 33     | 24     | 1.736     | -0.023    | 2.74  | 0.02      | 0.016     | 0         | 54.6 | 56.3 | 56.3 | 162        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 20  | 12   | 43     | 24     | 1.755     | -0.125    | 2.74  | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 57.6 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 12   | 53     | 24     | 1.713     | -0.148    | 2.743 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 57.2 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 13   | 3      | 24     | 1.719     | -0.105    | 2.746 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 55.5 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 13   | 13     | 24     | 1.785     | -0.144    | 2.746 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 57.6 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 13   | 23     | 24     | 1.759     | -0.098    | 2.749 | 0.013     | 0.01      | 0         | 53.3 | 55.9 | 57.2 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 13   | 33     | 24     | 1.775     | -0.082    | 2.749 | 0.02      | 0.016     | 0         | 53.3 | 55.9 | 57.2 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 13   | 43     | 24     | 1.755     | -0.056    | 2.753 | 0.016     | 0.016     | 0         | 54.2 | 55.9 | 58   | 161        | 167        | 0          | 35     | 37     |
| 2009 | 6     | 20  | 13   | 53     | 24     | 1.732     | -0.092    | 2.753 | 0.016     | 0.016     | 0         | 53.3 | 56.3 | 58.9 | 160        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 20  | 14   | 3      | 24     | 1.755     | -0.131    | 2.753 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 57.6 | 160        | 167        | 0          | 35     | 37     |
| 2009 | 6     | 20  | 14   | 13     | 24     | 1.739     | -0.108    | 2.756 | 0.016     | 0.013     | 0         | 53.3 | 56.3 | 59.8 | 160        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 20  | 14   | 23     | 24     | 1.739     | -0.112    | 2.756 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 60.2 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 14   | 33     | 24     | 1.729     | -0.138    | 2.756 | 0.02      | 0.016     | 0         | 53.3 | 56.3 | 59.3 | 160        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 20  | 14   | 43     | 24     | 1.742     | -0.167    | 2.759 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 60.2 | 160        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 20  | 14   | 53     | 24     | 1.791     | -0.082    | 2.759 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 58.5 | 161        | 168        | 0          | 35     | 36     |
| 2009 | 6     | 20  | 15   | 3      | 24     | 1.699     | -0.092    | 2.759 | 0.02      | 0.016     | 0         | 53.3 | 55.9 | 58.9 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 15   | 13     | 24     | 1.713     | -0.066    | 2.762 | 0.02      | 0.016     | 0         | 53.3 | 55.9 | 57.6 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 15   | 23     | 24     | 1.703     | -0.112    | 2.762 | 0.02      | 0.016     | 0         | 53.3 | 55.9 | 58   | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 15   | 33     | 24     | 1.755     | -0.121    | 2.762 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 59.3 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 15   | 43     | 24     | 1.729     | -0.128    | 2.762 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 57.6 | 160        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 20  | 15   | 53     | 24     | 1.762     | -0.131    | 2.766 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 57.2 | 160        | 167        | 0          | 35     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 20  | 16   | 3      | 24     | 1.772     | -0.098    | 2.766 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 58.9 | 160        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 20  | 16   | 13     | 24     | 1.752     | -0.112    | 2.766 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 58.5 | 160        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 20  | 16   | 23     | 24     | 1.732     | -0.069    | 2.766 | 0.016     | 0.016     | 0         | 53.3 | 55   | 58   | 160        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 20  | 16   | 33     | 24     | 1.742     | -0.144    | 2.769 | 0.02      | 0.016     | 0         | 53.8 | 55.9 | 58.9 | 160        | 167        | 0          | 35     | 37     |
| 2009 | 6     | 20  | 16   | 43     | 24     | 1.742     | -0.089    | 2.769 | 0.02      | 0.016     | 0         | 53.3 | 56.3 | 58   | 160        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 20  | 16   | 53     | 24     | 1.795     | -0.085    | 2.769 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 56.8 | 160        | 167        | 0          | 35     | 37     |
| 2009 | 6     | 20  | 17   | 3      | 24     | 1.732     | -0.148    | 2.769 | 0.02      | 0.016     | 0         | 53.3 | 55.9 | 57.2 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 17   | 13     | 24     | 1.765     | -0.141    | 2.772 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 57.6 | 159        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 20  | 17   | 23     | 24     | 1.739     | -0.089    | 2.772 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 57.2 | 159        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 20  | 17   | 33     | 24     | 1.768     | -0.128    | 2.772 | 0.016     | 0.016     | 0         | 52.9 | 55.9 | 56.8 | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 20  | 17   | 43     | 24     | 1.785     | -0.174    | 2.776 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 57.2 | 159        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 20  | 17   | 53     | 24     | 1.745     | -0.144    | 2.776 | 0.016     | 0.016     | 0         | 52.9 | 55.9 | 56.3 | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 20  | 18   | 3      | 24     | 1.752     | -0.135    | 2.776 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 57.2 | 159        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 20  | 18   | 13     | 24     | 1.749     | -0.151    | 2.779 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 56.8 | 159        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 20  | 18   | 23     | 24     | 1.762     | -0.082    | 2.782 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 56.3 | 159        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 20  | 18   | 33     | 24     | 1.772     | -0.121    | 2.785 | 0.016     | 0.016     | 0         | 52.9 | 55   | 56.8 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 18   | 43     | 24     | 1.709     | -0.112    | 2.785 | 0.02      | 0.016     | 0         | 53.3 | 55   | 56.3 | 159        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 20  | 18   | 53     | 24     | 1.729     | -0.121    | 2.789 | 0.016     | 0.013     | 0         | 53.3 | 55   | 55   | 159        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 20  | 19   | 3      | 24     | 1.755     | -0.151    | 2.792 | 0.016     | 0.016     | 0         | 52.5 | 55.5 | 56.3 | 158        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 20  | 19   | 13     | 24     | 1.759     | -0.108    | 2.795 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 57.2 | 158        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 20  | 19   | 23     | 24     | 1.739     | -0.144    | 2.795 | 0.016     | 0.013     | 0         | 52.5 | 55   | 55.5 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 19   | 33     | 24     | 1.729     | -0.115    | 2.795 | 0.016     | 0.013     | 0         | 52.5 | 55   | 57.2 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 19   | 43     | 24     | 1.785     | -0.108    | 2.799 | 0.02      | 0.016     | 0         | 52.9 | 55.5 | 57.2 | 158        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 20  | 19   | 53     | 24     | 1.742     | -0.128    | 2.802 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 59.3 | 159        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 20  | 20   | 3      | 24     | 1.772     | -0.135    | 2.802 | 0.016     | 0.013     | 0         | 52.9 | 55   | 58   | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 20   | 13     | 24     | 1.745     | -0.144    | 2.802 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 60.2 | 158        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 20  | 20   | 23     | 24     | 1.762     | -0.121    | 2.802 | 0.02      | 0.016     | 0         | 52.9 | 55.5 | 59.3 | 158        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 20  | 20   | 33     | 24     | 1.759     | -0.18     | 2.805 | 0.016     | 0.016     | 0         | 52.9 | 55   | 59.3 | 158        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 20  | 20   | 43     | 24     | 1.752     | -0.171    | 2.805 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 59.8 | 158        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 20  | 20   | 53     | 24     | 1.781     | -0.135    | 2.805 | 0.02      | 0.016     | 0         | 52.9 | 55.5 | 58.5 | 158        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 20  | 21   | 3      | 24     | 1.775     | -0.135    | 2.805 | 0.016     | 0.013     | 0         | 52.9 | 55   | 58.5 | 158        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 20  | 21   | 13     | 24     | 1.722     | -0.082    | 2.808 | 0.016     | 0.016     | 0         | 52.9 | 55   | 58.5 | 158        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 20  | 21   | 23     | 24     | 1.745     | -0.135    | 2.808 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 58.9 | 158        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 20  | 21   | 33     | 24     | 1.775     | -0.144    | 2.808 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 58.5 | 159        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 20  | 21   | 43     | 24     | 1.745     | -0.141    | 2.808 | 0.02      | 0.016     | 0         | 52.9 | 55.5 | 58   | 159        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 20  | 21   | 53     | 24     | 1.765     | -0.089    | 2.808 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 60.2 | 159        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 20  | 22   | 3      | 24     | 1.765     | -0.141    | 2.808 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 58.5 | 160        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 20  | 22   | 13     | 24     | 1.749     | -0.19     | 2.812 | 0.016     | 0.013     | 0         | 52.5 | 55   | 58.9 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 22   | 23     | 24     | 1.736     | -0.095    | 2.812 | 0.016     | 0.013     | 0         | 52.5 | 55.5 | 58.5 | 158        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 20  | 22   | 33     | 24     | 1.732     | -0.079    | 2.812 | 0.016     | 0.013     | 0         | 52.5 | 55.5 | 58.5 | 158        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 22   | 43     | 24     | 1.736     | -0.151    | 2.812 | 0.016     | 0.016     | 0         | 52.5 | 55   | 57.6 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 22   | 53     | 24     | 1.755     | -0.121    | 2.812 | 0.016     | 0.016     | 0         | 52.5 | 55   | 57.2 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 23   | 3      | 24     | 1.781     | -0.098    | 2.812 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 58.5 | 158        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 20  | 23   | 13     | 24     | 1.732     | -0.102    | 2.812 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 57.2 | 159        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 20  | 23   | 23     | 24     | 1.768     | -0.154    | 2.815 | 0.016     | 0.016     | 0         | 52.5 | 55   | 57.2 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 20  | 23   | 33     | 24     | 1.742     | -0.128    | 2.815 | 0.02      | 0.016     | 0         | 53.3 | 55.5 | 57.2 | 159        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 20  | 23   | 43     | 24     | 1.759     | -0.121    | 2.815 | 0.013     | 0.01      | 0         | 53.3 | 55.5 | 58   | 159        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 20  | 23   | 53     | 24     | 1.736     | -0.085    | 2.815 | 0.016     | 0.013     | 0         | 52.9 | 55   | 57.6 | 159        | 165        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 21  | 0    | 3      | 24     | 1.742     | -0.089    | 2.815 | 0.016     | 0.016     | 0         | 52.9 | 55.9 | 56.3 | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 0    | 13     | 24     | 1.765     | -0.115    | 2.818 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 57.6 | 160        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 21  | 0    | 23     | 24     | 1.772     | -0.157    | 2.818 | 0.016     | 0.016     | 0         | 52.9 | 55.9 | 55.5 | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 0    | 33     | 24     | 1.716     | -0.135    | 2.818 | 0.016     | 0.013     | 0         | 53.8 | 55.5 | 56.8 | 160        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 21  | 0    | 43     | 24     | 1.762     | -0.125    | 2.818 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 56.3 | 159        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 21  | 0    | 53     | 24     | 1.808     | -0.128    | 2.822 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 56.3 | 160        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 1    | 3      | 24     | 1.768     | -0.112    | 2.822 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 55.9 | 159        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 21  | 1    | 13     | 24     | 1.778     | -0.177    | 2.822 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 55.5 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 1    | 23     | 24     | 1.762     | -0.108    | 2.822 | 0.016     | 0.016     | 0         | 53.8 | 55.5 | 56.3 | 160        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 21  | 1    | 33     | 24     | 1.716     | -0.098    | 2.825 | 0.02      | 0.016     | 0         | 54.2 | 56.3 | 56.3 | 161        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 21  | 1    | 43     | 24     | 1.814     | -0.066    | 2.828 | 0.02      | 0.016     | 0         | 53.8 | 55.9 | 55.5 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 1    | 53     | 24     | 1.768     | -0.148    | 2.828 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 55.9 | 161        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 21  | 2    | 3      | 24     | 1.755     | -0.125    | 2.828 | 0.02      | 0.016     | 0         | 53.3 | 56.3 | 56.3 | 160        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 2    | 13     | 24     | 1.759     | -0.154    | 2.831 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 56.3 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 2    | 23     | 24     | 1.795     | -0.085    | 2.831 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 56.3 | 160        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 21  | 2    | 33     | 24     | 1.752     | -0.154    | 2.835 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 56.3 | 161        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 2    | 43     | 24     | 1.778     | -0.135    | 2.835 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 57.2 | 161        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 21  | 2    | 53     | 24     | 1.778     | -0.098    | 2.835 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 56.8 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 3    | 3      | 24     | 1.785     | -0.125    | 2.835 | 0.016     | 0.013     | 0         | 53.8 | 56.8 | 56.8 | 161        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 3    | 13     | 24     | 1.762     | -0.089    | 2.835 | 0.016     | 0.013     | 0         | 53.8 | 56.8 | 58.5 | 161        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 3    | 23     | 24     | 1.765     | -0.131    | 2.838 | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 57.6 | 162        | 168        | 0          | 35     | 36     |
| 2009 | 6     | 21  | 3    | 33     | 24     | 1.781     | -0.131    | 2.838 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 56.3 | 162        | 168        | 0          | 35     | 36     |
| 2009 | 6     | 21  | 3    | 43     | 24     | 1.775     | -0.112    | 2.838 | 0.016     | 0.013     | 0         | 54.6 | 56.3 | 58.5 | 162        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 21  | 3    | 53     | 24     | 1.785     | -0.033    | 2.838 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 58.5 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 4    | 3      | 24     | 1.759     | -0.187    | 2.838 | 0.016     | 0.016     | 0         | 53.8 | 56.8 | 58.9 | 161        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 4    | 13     | 24     | 1.719     | -0.194    | 2.838 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 58.9 | 162        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 4    | 23     | 24     | 1.765     | -0.138    | 2.838 | 0.016     | 0.016     | 0         | 53.8 | 56.8 | 58   | 161        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 4    | 33     | 24     | 1.736     | -0.102    | 2.838 | 0.016     | 0.016     | 0         | 53.8 | 56.8 | 58.5 | 161        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 4    | 43     | 24     | 1.759     | -0.108    | 2.841 | 0.016     | 0.016     | 0         | 53.8 | 56.8 | 58.5 | 161        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 4    | 53     | 24     | 1.739     | -0.069    | 2.838 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 58.5 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 5    | 3      | 24     | 1.795     | -0.092    | 2.841 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 56.3 | 162        | 169        | 0          | 35     | 36     |
| 2009 | 6     | 21  | 5    | 13     | 24     | 1.768     | -0.148    | 2.841 | 0.016     | 0.016     | 0         | 54.2 | 57.2 | 58.5 | 162        | 169        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 5    | 23     | 24     | 1.808     | -0.105    | 2.841 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 55.9 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 5    | 33     | 24     | 1.736     | -0.18     | 2.841 | 0.016     | 0.013     | 0         | 54.6 | 57.6 | 58.5 | 163        | 170        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 5    | 43     | 24     | 1.801     | -0.151    | 2.841 | 0.016     | 0.016     | 0         | 54.6 | 57.6 | 57.2 | 163        | 170        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 5    | 53     | 24     | 1.768     | -0.157    | 2.841 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 56.3 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 6    | 3      | 24     | 1.801     | -0.128    | 2.841 | 0.016     | 0.013     | 0         | 55   | 57.2 | 56.8 | 163        | 170        | 0          | 35     | 37     |
| 2009 | 6     | 21  | 6    | 13     | 24     | 1.745     | -0.154    | 2.841 | 0.016     | 0.013     | 0         | 55   | 56.8 | 56.3 | 163        | 169        | 0          | 35     | 37     |
| 2009 | 6     | 21  | 6    | 23     | 24     | 1.791     | -0.128    | 2.841 | 0.016     | 0.016     | 0         | 55   | 56.8 | 56.3 | 163        | 169        | 0          | 35     | 37     |
| 2009 | 6     | 21  | 6    | 33     | 24     | 1.765     | -0.095    | 2.841 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 55.9 | 163        | 169        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 6    | 43     | 24     | 1.736     | -0.157    | 2.844 | 0.016     | 0.013     | 0         | 54.2 | 57.2 | 55.9 | 162        | 169        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 6    | 53     | 24     | 1.739     | -0.151    | 2.844 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 56.3 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 7    | 3      | 24     | 1.775     | -0.164    | 2.844 | 0.016     | 0.016     | 0         | 55   | 56.8 | 55.9 | 163        | 169        | 0          | 35     | 37     |
| 2009 | 6     | 21  | 7    | 13     | 24     | 1.778     | -0.128    | 2.848 | 0.016     | 0.016     | 0         | 54.2 | 57.2 | 55   | 162        | 169        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 7    | 23     | 24     | 1.772     | -0.174    | 2.851 | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 55.5 | 162        | 169        | 0          | 35     | 37     |
| 2009 | 6     | 21  | 7    | 33     | 24     | 1.778     | -0.161    | 2.851 | 0.016     | 0.016     | 0         | 54.2 | 57.2 | 55.9 | 162        | 169        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 7    | 43     | 24     | 1.798     | -0.112    | 2.854 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 55.9 | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 21  | 7    | 53     | 24     | 1.752     | -0.135    | 2.854 | 0.02      | 0.016     | 0         | 54.2 | 57.2 | 54.2 | 162        | 169        | 0          | 36     | 36     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 21  | 8    | 3      | 24     | 1.742     | -0.112    | 2.854 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 53.8 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 8    | 13     | 24     | 1.798     | -0.128    | 2.858 | 0.016     | 0.013     | 0         | 54.2 | 56.8 | 55   | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 8    | 23     | 24     | 1.791     | -0.121    | 2.861 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 55.9 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 8    | 33     | 24     | 1.745     | -0.177    | 2.861 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 57.2 | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 21  | 8    | 43     | 24     | 1.808     | -0.105    | 2.861 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 56.8 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 8    | 53     | 24     | 1.768     | -0.151    | 2.864 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 56.8 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 9    | 3      | 24     | 1.785     | -0.177    | 2.861 | 0.016     | 0.013     | 0         | 54.2 | 57.2 | 57.6 | 163        | 170        | 0          | 37     | 37     |
| 2009 | 6     | 21  | 9    | 13     | 24     | 1.729     | -0.112    | 2.864 | 0.02      | 0.016     | 0         | 55.5 | 56.8 | 56.8 | 164        | 170        | 0          | 35     | 38     |
| 2009 | 6     | 21  | 9    | 23     | 24     | 1.755     | -0.203    | 2.864 | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 58.5 | 162        | 169        | 0          | 35     | 37     |
| 2009 | 6     | 21  | 9    | 33     | 24     | 1.765     | -0.184    | 2.864 | 0.02      | 0.016     | 0         | 55   | 56.8 | 58.5 | 164        | 170        | 0          | 36     | 38     |
| 2009 | 6     | 21  | 9    | 43     | 24     | 1.762     | -0.131    | 2.864 | 0.02      | 0.016     | 0         | 55.5 | 57.2 | 57.6 | 164        | 170        | 0          | 35     | 37     |
| 2009 | 6     | 21  | 9    | 53     | 24     | 1.772     | -0.174    | 2.864 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 58.9 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 10   | 3      | 24     | 1.755     | -0.167    | 2.867 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 58   | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 10   | 13     | 24     | 1.798     | -0.115    | 2.867 | 0.016     | 0.013     | 0         | 55   | 57.2 | 55.9 | 163        | 169        | 0          | 35     | 36     |
| 2009 | 6     | 21  | 10   | 23     | 24     | 1.785     | -0.085    | 2.867 | 0.016     | 0.016     | 0         | 54.6 | 56.3 | 58   | 162        | 169        | 0          | 35     | 38     |
| 2009 | 6     | 21  | 10   | 33     | 24     | 1.791     | -0.171    | 2.867 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 57.2 | 163        | 169        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 10   | 43     | 24     | 1.759     | -0.154    | 2.871 | 0.016     | 0.013     | 0         | 53.8 | 56.8 | 58.5 | 161        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 10   | 53     | 24     | 1.745     | -0.151    | 2.871 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 60.2 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 11   | 3      | 24     | 1.736     | -0.128    | 2.871 | 0.016     | 0.016     | 0         | 53.3 | 56.3 | 59.3 | 160        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 11   | 13     | 24     | 1.775     | -0.144    | 2.871 | 0.013     | 0.01      | 0         | 53.3 | 55.5 | 58.5 | 160        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 21  | 11   | 23     | 24     | 1.762     | -0.098    | 2.871 | 0.016     | 0.016     | 0         | 53.8 | 55.5 | 60.6 | 160        | 167        | 0          | 35     | 38     |
| 2009 | 6     | 21  | 11   | 33     | 24     | 1.788     | -0.19     | 2.871 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 58.9 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 11   | 43     | 24     | 1.781     | -0.184    | 2.871 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 59.3 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 11   | 53     | 24     | 1.759     | -0.171    | 2.871 | 0.016     | 0.016     | 0         | 53.8 | 55   | 58   | 160        | 166        | 0          | 35     | 38     |
| 2009 | 6     | 21  | 12   | 3      | 24     | 1.781     | -0.184    | 2.871 | 0.02      | 0.016     | 0         | 53.3 | 55.9 | 59.8 | 160        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 12   | 13     | 24     | 1.778     | -0.174    | 2.874 | 0.013     | 0.01      | 0         | 53.3 | 55.5 | 58.5 | 159        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 21  | 12   | 23     | 24     | 1.772     | -0.167    | 2.871 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 58.9 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 12   | 33     | 24     | 1.745     | -0.115    | 2.874 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 57.6 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 12   | 43     | 24     | 1.804     | -0.171    | 2.874 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 59.3 | 159        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 21  | 12   | 53     | 24     | 1.772     | -0.075    | 2.874 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 58.5 | 159        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 13   | 3      | 24     | 1.765     | -0.108    | 2.874 | 0.016     | 0.016     | 0         | 52.9 | 55.9 | 58   | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 13   | 13     | 24     | 1.706     | -0.2      | 2.874 | 0.013     | 0.01      | 0         | 52.9 | 55.5 | 58   | 159        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 13   | 23     | 24     | 1.775     | -0.161    | 2.874 | 0.016     | 0.013     | 0         | 52.9 | 55   | 59.3 | 159        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 21  | 13   | 33     | 24     | 1.791     | -0.151    | 2.874 | 0.013     | 0.01      | 0         | 52.9 | 55.5 | 60.2 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 13   | 43     | 24     | 1.795     | -0.095    | 2.874 | 0.016     | 0.013     | 0         | 53.3 | 55   | 58.9 | 159        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 21  | 13   | 53     | 24     | 1.811     | -0.125    | 2.874 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 59.3 | 159        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 21  | 14   | 3      | 24     | 1.768     | -0.102    | 2.877 | 0.016     | 0.016     | 0         | 52.9 | 55   | 58.5 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 14   | 13     | 24     | 1.752     | -0.148    | 2.877 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 58.5 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 14   | 23     | 24     | 1.759     | -0.092    | 2.877 | 0.016     | 0.013     | 0         | 53.3 | 55   | 58.5 | 159        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 21  | 14   | 33     | 24     | 1.765     | -0.108    | 2.877 | 0.016     | 0.013     | 0         | 53.3 | 55   | 59.3 | 159        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 21  | 14   | 43     | 24     | 1.775     | -0.164    | 2.877 | 0.02      | 0.016     | 0         | 52.9 | 55.5 | 58.9 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 14   | 53     | 24     | 1.749     | -0.164    | 2.877 | 0.016     | 0.016     | 0         | 52.9 | 55   | 59.3 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 15   | 3      | 24     | 1.775     | -0.102    | 2.877 | 0.016     | 0.013     | 0         | 52.9 | 55.9 | 59.3 | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 15   | 13     | 24     | 1.791     | -0.039    | 2.877 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 58.5 | 159        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 15   | 23     | 24     | 1.745     | -0.082    | 2.877 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 58.9 | 159        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 15   | 33     | 24     | 1.791     | -0.154    | 2.881 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 59.3 | 158        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 21  | 15   | 43     | 24     | 1.755     | -0.138    | 2.877 | 0.016     | 0.013     | 0         | 52.9 | 54.6 | 58   | 158        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 21  | 15   | 53     | 24     | 1.781     | -0.085    | 2.881 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 58.9 | 159        | 165        | 0          | 36     | 36     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 21  | 16   | 3      | 24     | 1.755     | -0.151    | 2.881 | 0.016     | 0.013     | 0         | 52.5 | 55   | 58.5 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 16   | 13     | 24     | 1.778     | -0.131    | 2.881 | 0.016     | 0.016     | 0         | 52.5 | 54.6 | 60.2 | 158        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 16   | 23     | 24     | 1.742     | -0.131    | 2.881 | 0.013     | 0.01      | 0         | 52.9 | 55   | 59.3 | 158        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 21  | 16   | 33     | 24     | 1.791     | -0.125    | 2.881 | 0.016     | 0.016     | 0         | 52.5 | 55   | 58.5 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 16   | 43     | 24     | 1.791     | -0.144    | 2.881 | 0.016     | 0.013     | 0         | 52.5 | 55.5 | 58.5 | 158        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 16   | 53     | 24     | 1.749     | -0.089    | 2.881 | 0.016     | 0.016     | 0         | 52.5 | 55.5 | 58.5 | 158        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 17   | 3      | 24     | 1.778     | -0.115    | 2.881 | 0.016     | 0.013     | 0         | 52.5 | 55   | 60.2 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 17   | 13     | 24     | 1.755     | -0.112    | 2.881 | 0.016     | 0.013     | 0         | 52.9 | 55   | 58.5 | 158        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 21  | 17   | 23     | 24     | 1.765     | -0.112    | 2.881 | 0.016     | 0.016     | 0         | 52.5 | 55.5 | 58   | 158        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 17   | 33     | 24     | 1.785     | -0.066    | 2.884 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 58.9 | 158        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 21  | 17   | 43     | 24     | 1.762     | -0.098    | 2.884 | 0.016     | 0.013     | 0         | 52.9 | 55   | 58.5 | 158        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 21  | 17   | 53     | 24     | 1.755     | -0.092    | 2.884 | 0.016     | 0.013     | 0         | 52.5 | 55.5 | 58   | 158        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 18   | 3      | 24     | 1.739     | -0.128    | 2.884 | 0.016     | 0.013     | 0         | 52.5 | 55   | 59.3 | 158        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 18   | 13     | 24     | 1.778     | -0.135    | 2.884 | 0.016     | 0.016     | 0         | 52.9 | 55   | 59.3 | 158        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 21  | 18   | 23     | 24     | 1.765     | -0.138    | 2.884 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 58.9 | 158        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 21  | 18   | 33     | 24     | 1.752     | -0.062    | 2.884 | 0.016     | 0.013     | 0         | 52.5 | 55.5 | 58.9 | 158        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 18   | 43     | 24     | 1.778     | -0.125    | 2.884 | 0.02      | 0.016     | 0         | 52.9 | 55   | 58   | 158        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 21  | 18   | 53     | 24     | 1.762     | -0.108    | 2.884 | 0.016     | 0.016     | 0         | 52.9 | 54.6 | 58   | 158        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 21  | 19   | 3      | 24     | 1.795     | -0.089    | 2.884 | 0.016     | 0.016     | 0         | 52.5 | 55   | 58.5 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 19   | 13     | 24     | 1.739     | -0.148    | 2.887 | 0.016     | 0.016     | 0         | 52.5 | 54.6 | 58.5 | 158        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 19   | 23     | 24     | 1.755     | -0.112    | 2.887 | 0.02      | 0.016     | 0         | 52.9 | 54.6 | 58.9 | 158        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 21  | 19   | 33     | 24     | 1.788     | -0.154    | 2.887 | 0.016     | 0.016     | 0         | 52.5 | 54.6 | 57.6 | 158        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 19   | 43     | 24     | 1.762     | -0.184    | 2.887 | 0.016     | 0.016     | 0         | 52.5 | 55   | 57.6 | 158        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 19   | 53     | 24     | 1.752     | -0.184    | 2.887 | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 58.5 | 158        | 164        | 0          | 35     | 38     |
| 2009 | 6     | 21  | 20   | 3      | 24     | 1.785     | -0.089    | 2.887 | 0.013     | 0.01      | 0         | 51.6 | 55.5 | 57.2 | 157        | 165        | 0          | 37     | 36     |
| 2009 | 6     | 21  | 20   | 13     | 24     | 1.778     | -0.154    | 2.887 | 0.016     | 0.013     | 0         | 52.9 | 54.6 | 58   | 158        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 21  | 20   | 23     | 24     | 1.726     | -0.148    | 2.887 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 58.5 | 158        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 21  | 20   | 33     | 24     | 1.778     | -0.144    | 2.887 | 0.016     | 0.016     | 0         | 52.9 | 55   | 58   | 158        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 21  | 20   | 43     | 24     | 1.749     | -0.125    | 2.887 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 56.8 | 158        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 21  | 20   | 53     | 24     | 1.772     | -0.141    | 2.887 | 0.016     | 0.013     | 0         | 52.9 | 55   | 57.6 | 158        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 21  | 21   | 3      | 24     | 1.798     | -0.174    | 2.887 | 0.016     | 0.013     | 0         | 52.5 | 55   | 56.8 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 21   | 13     | 24     | 1.785     | -0.174    | 2.89  | 0.016     | 0.013     | 0         | 52.5 | 55   | 56.3 | 158        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 21   | 23     | 24     | 1.778     | -0.148    | 2.89  | 0.016     | 0.013     | 0         | 52   | 54.6 | 57.2 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 21   | 33     | 24     | 1.759     | -0.108    | 2.89  | 0.016     | 0.013     | 0         | 52.5 | 55.5 | 57.2 | 158        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 21   | 43     | 24     | 1.788     | -0.131    | 2.89  | 0.016     | 0.016     | 0         | 52.9 | 54.6 | 56.8 | 158        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 21  | 21   | 53     | 24     | 1.765     | -0.125    | 2.89  | 0.016     | 0.013     | 0         | 52.5 | 55.5 | 57.6 | 158        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 22   | 3      | 24     | 1.775     | -0.131    | 2.89  | 0.016     | 0.013     | 0         | 52.5 | 55   | 57.6 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 22   | 13     | 24     | 1.814     | -0.125    | 2.89  | 0.016     | 0.016     | 0         | 52.9 | 55   | 57.6 | 158        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 21  | 22   | 23     | 24     | 1.772     | -0.167    | 2.89  | 0.013     | 0.01      | 0         | 52.9 | 55   | 58   | 158        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 21  | 22   | 33     | 24     | 1.765     | -0.121    | 2.89  | 0.013     | 0.01      | 0         | 52.5 | 55   | 57.6 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 22   | 43     | 24     | 1.811     | -0.075    | 2.89  | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 56.3 | 158        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 21  | 22   | 53     | 24     | 1.749     | -0.135    | 2.89  | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 57.6 | 159        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 21  | 23   | 3      | 24     | 1.795     | -0.095    | 2.89  | 0.016     | 0.016     | 0         | 52.5 | 55   | 56.3 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 23   | 13     | 24     | 1.736     | -0.19     | 2.89  | 0.02      | 0.016     | 0         | 52.9 | 55   | 56.8 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 23   | 23     | 24     | 1.765     | -0.174    | 2.89  | 0.016     | 0.016     | 0         | 52.9 | 55   | 57.2 | 158        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 21  | 23   | 33     | 24     | 1.745     | -0.102    | 2.887 | 0.016     | 0.016     | 0         | 52.5 | 55.5 | 58   | 158        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 21  | 23   | 43     | 24     | 1.765     | -0.154    | 2.89  | 0.013     | 0.01      | 0         | 52.9 | 55   | 58   | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 21  | 23   | 53     | 24     | 1.788     | -0.138    | 2.89  | 0.013     | 0.01      | 0         | 52.9 | 55.5 | 56.8 | 159        | 166        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 22  | 0    | 3      | 24     | 1.752     | -0.164    | 2.89  | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 57.2 | 159        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 22  | 0    | 13     | 24     | 1.778     | -0.098    | 2.89  | 0.016     | 0.013     | 0         | 53.3 | 55   | 57.6 | 159        | 166        | 0          | 35     | 38     |
| 2009 | 6     | 22  | 0    | 23     | 24     | 1.781     | -0.102    | 2.89  | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 56.8 | 159        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 0    | 33     | 24     | 1.755     | -0.079    | 2.887 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 56.8 | 159        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 22  | 0    | 43     | 24     | 1.752     | -0.207    | 2.887 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 56.8 | 159        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 0    | 53     | 24     | 1.749     | -0.161    | 2.887 | 0.016     | 0.013     | 0         | 53.8 | 55.5 | 56.8 | 160        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 1    | 3      | 24     | 1.755     | -0.131    | 2.887 | 0.02      | 0.016     | 0         | 53.3 | 55.9 | 56.8 | 159        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 22  | 1    | 13     | 24     | 1.778     | -0.131    | 2.887 | 0.02      | 0.016     | 0         | 53.8 | 55.5 | 56.8 | 160        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 1    | 23     | 24     | 1.788     | -0.125    | 2.887 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 56.3 | 159        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 1    | 33     | 24     | 1.772     | -0.141    | 2.887 | 0.02      | 0.016     | 0         | 52.9 | 55.9 | 56.8 | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 22  | 1    | 43     | 24     | 1.736     | -0.102    | 2.887 | 0.02      | 0.016     | 0         | 52.9 | 55.5 | 57.2 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 1    | 53     | 24     | 1.765     | -0.138    | 2.887 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 56.3 | 159        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 22  | 2    | 3      | 24     | 1.801     | -0.138    | 2.887 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 56.3 | 160        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 22  | 2    | 13     | 24     | 1.768     | -0.131    | 2.887 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 57.2 | 160        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 22  | 2    | 23     | 24     | 1.752     | -0.144    | 2.887 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 55.9 | 161        | 168        | 0          | 35     | 36     |
| 2009 | 6     | 22  | 2    | 33     | 24     | 1.765     | -0.154    | 2.887 | 0.016     | 0.016     | 0         | 54.2 | 57.2 | 55.9 | 162        | 169        | 0          | 36     | 36     |
| 2009 | 6     | 22  | 2    | 43     | 24     | 1.775     | -0.164    | 2.887 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 56.3 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 2    | 53     | 24     | 1.749     | -0.167    | 2.887 | 0.016     | 0.016     | 0         | 54.2 | 57.2 | 56.8 | 162        | 169        | 0          | 36     | 36     |
| 2009 | 6     | 22  | 3    | 3      | 24     | 1.736     | -0.177    | 2.884 | 0.016     | 0.013     | 0         | 54.2 | 56.8 | 56.8 | 162        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 22  | 3    | 13     | 24     | 1.755     | -0.154    | 2.887 | 0.016     | 0.013     | 0         | 53.8 | 56.8 | 55.9 | 162        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 22  | 3    | 23     | 24     | 1.759     | -0.174    | 2.887 | 0.016     | 0.013     | 0         | 55   | 57.2 | 55.9 | 163        | 169        | 0          | 35     | 36     |
| 2009 | 6     | 22  | 3    | 33     | 24     | 1.778     | -0.121    | 2.884 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 57.2 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 3    | 43     | 24     | 1.755     | -0.135    | 2.884 | 0.016     | 0.016     | 0         | 54.6 | 56.3 | 56.3 | 162        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 3    | 53     | 24     | 1.752     | -0.161    | 2.884 | 0.016     | 0.016     | 0         | 54.6 | 56.3 | 56.8 | 162        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 4    | 3      | 24     | 1.818     | -0.141    | 2.884 | 0.016     | 0.013     | 0         | 54.2 | 56.8 | 55.9 | 162        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 22  | 4    | 13     | 24     | 1.775     | -0.154    | 2.884 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 56.3 | 162        | 169        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 4    | 23     | 24     | 1.759     | -0.177    | 2.884 | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 56.8 | 162        | 169        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 4    | 33     | 24     | 1.772     | -0.154    | 2.884 | 0.016     | 0.013     | 0         | 54.6 | 56.3 | 57.2 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 22  | 4    | 43     | 24     | 1.759     | -0.144    | 2.884 | 0.016     | 0.016     | 0         | 55.5 | 57.6 | 55.9 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 4    | 53     | 24     | 1.749     | -0.138    | 2.884 | 0.016     | 0.013     | 0         | 55   | 57.2 | 55   | 164        | 171        | 0          | 36     | 38     |
| 2009 | 6     | 22  | 5    | 3      | 24     | 1.745     | -0.105    | 2.884 | 0.016     | 0.013     | 0         | 55   | 57.6 | 55.9 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 5    | 13     | 24     | 1.788     | -0.177    | 2.884 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 56.3 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 5    | 23     | 24     | 1.768     | -0.118    | 2.884 | 0.016     | 0.013     | 0         | 56.3 | 58   | 54.6 | 166        | 172        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 5    | 33     | 24     | 1.759     | -0.171    | 2.884 | 0.02      | 0.016     | 0         | 55.9 | 57.6 | 55.5 | 165        | 171        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 5    | 43     | 24     | 1.788     | -0.157    | 2.884 | 0.016     | 0.016     | 0         | 55   | 57.2 | 54.2 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 5    | 53     | 24     | 1.781     | -0.131    | 2.884 | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 54.2 | 164        | 171        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 6    | 3      | 24     | 1.765     | -0.154    | 2.884 | 0.016     | 0.016     | 0         | 55   | 57.2 | 55   | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 6    | 13     | 24     | 1.772     | -0.121    | 2.884 | 0.016     | 0.013     | 0         | 55   | 57.2 | 55   | 163        | 170        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 6    | 23     | 24     | 1.778     | -0.135    | 2.884 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 55   | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 6    | 33     | 24     | 1.765     | -0.125    | 2.884 | 0.016     | 0.016     | 0         | 55   | 56.8 | 55   | 163        | 169        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 6    | 43     | 24     | 1.759     | -0.125    | 2.884 | 0.013     | 0.01      | 0         | 54.6 | 56.8 | 54.6 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 6    | 53     | 24     | 1.739     | -0.125    | 2.884 | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 56.3 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 7    | 3      | 24     | 1.778     | -0.174    | 2.884 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 55   | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 7    | 13     | 24     | 1.795     | -0.138    | 2.884 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 53.3 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 7    | 23     | 24     | 1.785     | -0.167    | 2.884 | 0.016     | 0.013     | 0         | 55   | 57.2 | 54.2 | 163        | 170        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 7    | 33     | 24     | 1.762     | -0.108    | 2.887 | 0.016     | 0.013     | 0         | 55   | 57.6 | 55.5 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 7    | 43     | 24     | 1.742     | -0.108    | 2.887 | 0.016     | 0.013     | 0         | 56.3 | 58   | 52.9 | 166        | 172        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 7    | 53     | 24     | 1.788     | -0.115    | 2.884 | 0.013     | 0.01      | 0         | 55.5 | 57.6 | 53.3 | 165        | 171        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 22  | 8    | 3      | 24     | 1.745     | -0.148    | 2.884 | 0.016     | 0.013     | 0         | 55.5 | 58   | 54.6 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 8    | 13     | 24     | 1.722     | -0.164    | 2.884 | 0.016     | 0.016     | 0         | 56.3 | 58   | 55   | 166        | 172        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 8    | 23     | 24     | 1.745     | -0.19     | 2.884 | 0.016     | 0.013     | 0         | 55.9 | 58.5 | 53.3 | 166        | 173        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 8    | 33     | 24     | 1.749     | -0.118    | 2.887 | 0.016     | 0.016     | 0         | 55.9 | 58.9 | 53.3 | 166        | 173        | 0          | 36     | 36     |
| 2009 | 6     | 22  | 8    | 43     | 24     | 1.765     | -0.118    | 2.884 | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 54.2 | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 8    | 53     | 24     | 1.722     | -0.144    | 2.884 | 0.016     | 0.013     | 0         | 54.6 | 57.6 | 55.9 | 164        | 171        | 0          | 37     | 37     |
| 2009 | 6     | 22  | 9    | 3      | 24     | 1.781     | -0.194    | 2.884 | 0.02      | 0.016     | 0         | 55.5 | 57.2 | 55   | 164        | 170        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 9    | 13     | 24     | 1.762     | -0.135    | 2.884 | 0.016     | 0.013     | 0         | 54.6 | 56.3 | 56.3 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 22  | 9    | 23     | 24     | 1.739     | -0.128    | 2.884 | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 55.9 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 9    | 33     | 24     | 1.775     | -0.144    | 2.881 | 0.016     | 0.013     | 0         | 54.6 | 56.3 | 55.9 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 22  | 9    | 43     | 24     | 1.759     | -0.177    | 2.884 | 0.016     | 0.016     | 0         | 54.6 | 56.8 | 55   | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 9    | 53     | 24     | 1.765     | -0.108    | 2.884 | 0.023     | 0.02      | 0         | 54.2 | 56.3 | 55.5 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 10   | 3      | 24     | 1.739     | -0.174    | 2.884 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 56.3 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 10   | 13     | 24     | 1.775     | -0.154    | 2.881 | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 54.6 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 10   | 23     | 24     | 1.765     | -0.174    | 2.884 | 0.013     | 0.01      | 0         | 54.6 | 56.8 | 54.6 | 162        | 169        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 10   | 33     | 24     | 1.801     | -0.197    | 2.884 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 55   | 161        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 22  | 10   | 43     | 24     | 1.788     | -0.131    | 2.881 | 0.013     | 0.01      | 0         | 54.2 | 55.9 | 56.8 | 162        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 22  | 10   | 53     | 24     | 1.795     | -0.161    | 2.884 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 55   | 161        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 11   | 3      | 24     | 1.795     | -0.128    | 2.881 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 55.9 | 161        | 168        | 0          | 37     | 38     |
| 2009 | 6     | 22  | 11   | 13     | 24     | 1.785     | -0.138    | 2.881 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 56.8 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 11   | 23     | 24     | 1.736     | -0.131    | 2.881 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 55.5 | 161        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 22  | 11   | 33     | 24     | 1.801     | -0.095    | 2.881 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 55.5 | 161        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 22  | 11   | 43     | 24     | 1.781     | -0.135    | 2.881 | 0.013     | 0.01      | 0         | 53.8 | 55.9 | 55.9 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 11   | 53     | 24     | 1.785     | -0.121    | 2.881 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 56.8 | 160        | 167        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 12   | 3      | 24     | 1.745     | -0.066    | 2.881 | 0.02      | 0.016     | 0         | 53.8 | 55.5 | 56.3 | 161        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 22  | 12   | 13     | 24     | 1.811     | -0.115    | 2.881 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 56.8 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 12   | 23     | 24     | 1.762     | -0.167    | 2.881 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 58.5 | 160        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 22  | 12   | 33     | 24     | 1.739     | -0.141    | 2.881 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 56.8 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 12   | 43     | 24     | 1.778     | -0.131    | 2.881 | 0.013     | 0.01      | 0         | 53.3 | 55.5 | 55.9 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 12   | 53     | 24     | 1.762     | -0.075    | 2.881 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 56.3 | 160        | 166        | 0          | 37     | 37     |
| 2009 | 6     | 22  | 13   | 3      | 24     | 1.772     | -0.105    | 2.881 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 56.8 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 13   | 13     | 24     | 1.755     | -0.102    | 2.881 | 0.02      | 0.016     | 0         | 53.8 | 55.9 | 56.3 | 160        | 167        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 13   | 23     | 24     | 1.772     | -0.092    | 2.877 | 0.02      | 0.016     | 0         | 53.3 | 55.5 | 56.8 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 13   | 33     | 24     | 1.768     | -0.115    | 2.881 | 0.016     | 0.016     | 0         | 53.8 | 55.5 | 57.6 | 160        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 13   | 43     | 24     | 1.729     | -0.098    | 2.881 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 57.2 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 13   | 53     | 24     | 1.759     | -0.141    | 2.881 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 57.2 | 160        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 22  | 14   | 3      | 24     | 1.768     | -0.171    | 2.881 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 56.8 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 14   | 13     | 24     | 1.778     | -0.118    | 2.877 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 57.6 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 14   | 23     | 24     | 1.762     | -0.098    | 2.881 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 58   | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 14   | 33     | 24     | 1.804     | -0.141    | 2.881 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 57.6 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 14   | 43     | 24     | 1.772     | -0.174    | 2.881 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 56.8 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 14   | 53     | 24     | 1.798     | -0.079    | 2.881 | 0.016     | 0.013     | 0         | 52.9 | 55   | 57.6 | 159        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 22  | 15   | 3      | 24     | 1.795     | -0.151    | 2.881 | 0.016     | 0.013     | 0         | 53.3 | 55   | 56.3 | 160        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 22  | 15   | 13     | 24     | 1.739     | -0.131    | 2.881 | 0.02      | 0.016     | 0         | 53.3 | 55   | 58   | 159        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 15   | 23     | 24     | 1.745     | -0.194    | 2.881 | 0.016     | 0.016     | 0         | 53.3 | 55   | 58   | 159        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 15   | 33     | 24     | 1.775     | -0.154    | 2.881 | 0.016     | 0.016     | 0         | 52.9 | 55   | 57.2 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 15   | 43     | 24     | 1.762     | -0.157    | 2.881 | 0.02      | 0.016     | 0         | 53.3 | 55   | 58   | 159        | 166        | 0          | 35     | 38     |
| 2009 | 6     | 22  | 15   | 53     | 24     | 1.791     | -0.098    | 2.881 | 0.016     | 0.016     | 0         | 52.9 | 55   | 56.8 | 159        | 165        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 22  | 16   | 3      | 24     | 1.795     | -0.161    | 2.881 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 56.8 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 16   | 13     | 24     | 1.755     | -0.131    | 2.881 | 0.016     | 0.013     | 0         | 53.3 | 55   | 57.6 | 159        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 16   | 23     | 24     | 1.765     | -0.184    | 2.881 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 58   | 159        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 16   | 33     | 24     | 1.818     | -0.167    | 2.881 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 58.9 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 16   | 43     | 24     | 1.768     | -0.207    | 2.881 | 0.016     | 0.013     | 0         | 53.8 | 55.5 | 58.5 | 160        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 16   | 53     | 24     | 1.775     | -0.098    | 2.881 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 58.5 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 17   | 3      | 24     | 1.785     | -0.135    | 2.881 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 58.5 | 159        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 22  | 17   | 13     | 24     | 1.745     | -0.164    | 2.881 | 0.023     | 0.02      | 0         | 52.5 | 55   | 58   | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 17   | 23     | 24     | 1.798     | -0.118    | 2.881 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 58.5 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 17   | 33     | 24     | 1.768     | -0.148    | 2.881 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 58.5 | 160        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 22  | 17   | 43     | 24     | 1.762     | -0.141    | 2.881 | 0.016     | 0.016     | 0         | 53.3 | 54.2 | 57.6 | 160        | 164        | 0          | 36     | 38     |
| 2009 | 6     | 22  | 17   | 53     | 24     | 1.781     | -0.105    | 2.881 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 57.2 | 159        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 18   | 3      | 24     | 1.768     | -0.138    | 2.881 | 0.013     | 0.01      | 0         | 52.9 | 55.5 | 57.2 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 18   | 13     | 24     | 1.759     | -0.098    | 2.884 | 0.016     | 0.013     | 0         | 52.9 | 55.9 | 57.2 | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 22  | 18   | 23     | 24     | 1.759     | -0.082    | 2.884 | 0.016     | 0.016     | 0         | 52.9 | 55.9 | 58   | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 22  | 18   | 33     | 24     | 1.772     | -0.207    | 2.884 | 0.016     | 0.016     | 0         | 53.8 | 55.5 | 57.6 | 160        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 18   | 43     | 24     | 1.726     | -0.089    | 2.884 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 57.6 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 18   | 53     | 24     | 1.791     | -0.161    | 2.884 | 0.016     | 0.016     | 0         | 52.9 | 55.9 | 57.6 | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 22  | 19   | 3      | 24     | 1.781     | -0.164    | 2.884 | 0.013     | 0.01      | 0         | 52.9 | 55.9 | 58   | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 22  | 19   | 13     | 24     | 1.795     | -0.128    | 2.884 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 56.8 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 19   | 23     | 24     | 1.778     | -0.148    | 2.884 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 57.2 | 160        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 22  | 19   | 33     | 24     | 1.755     | -0.144    | 2.884 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 56.8 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 19   | 43     | 24     | 1.844     | -0.141    | 2.884 | 0.016     | 0.013     | 0         | 52.9 | 55.9 | 58   | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 22  | 19   | 53     | 24     | 1.732     | -0.121    | 2.884 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 57.6 | 159        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 22  | 20   | 3      | 24     | 1.788     | -0.131    | 2.884 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 57.6 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 20   | 13     | 24     | 1.804     | -0.131    | 2.884 | 0.016     | 0.013     | 0         | 52.9 | 55.9 | 57.6 | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 22  | 20   | 23     | 24     | 1.772     | -0.069    | 2.884 | 0.02      | 0.016     | 0         | 53.3 | 55.5 | 57.6 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 20   | 33     | 24     | 1.752     | -0.089    | 2.887 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 55.9 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 20   | 43     | 24     | 1.765     | -0.108    | 2.887 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 57.2 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 20   | 53     | 24     | 1.808     | -0.171    | 2.887 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 57.2 | 159        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 21   | 3      | 24     | 1.785     | -0.128    | 2.887 | 0.013     | 0.01      | 0         | 52.9 | 55.9 | 57.6 | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 22  | 21   | 13     | 24     | 1.732     | -0.125    | 2.887 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 56.8 | 159        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 21   | 23     | 24     | 1.759     | -0.157    | 2.887 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 56.3 | 159        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 21   | 33     | 24     | 1.739     | -0.082    | 2.887 | 0.013     | 0.01      | 0         | 53.3 | 55.5 | 55.9 | 159        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 21   | 43     | 24     | 1.755     | -0.131    | 2.89  | 0.013     | 0.01      | 0         | 52.9 | 55   | 57.2 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 21   | 53     | 24     | 1.749     | -0.128    | 2.887 | 0.016     | 0.013     | 0         | 53.3 | 55   | 56.3 | 159        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 22   | 3      | 24     | 1.772     | -0.098    | 2.89  | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 56.3 | 159        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 22  | 22   | 13     | 24     | 1.795     | -0.056    | 2.89  | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 55.5 | 159        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 22  | 22   | 23     | 24     | 1.808     | -0.171    | 2.89  | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 55.9 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 22   | 33     | 24     | 1.778     | -0.167    | 2.89  | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 55.9 | 159        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 22  | 22   | 43     | 24     | 1.801     | -0.151    | 2.89  | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 55.9 | 159        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 22  | 22   | 53     | 24     | 1.785     | -0.148    | 2.89  | 0.016     | 0.016     | 0         | 53.3 | 55   | 56.8 | 159        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 22  | 23   | 3      | 24     | 1.772     | -0.125    | 2.89  | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 56.8 | 159        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 22  | 23   | 13     | 24     | 1.804     | -0.085    | 2.89  | 0.013     | 0.01      | 0         | 52.9 | 55.5 | 55.9 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 22  | 23   | 23     | 24     | 1.762     | -0.131    | 2.89  | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 55   | 159        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 22  | 23   | 33     | 24     | 1.752     | -0.144    | 2.894 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 57.2 | 159        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 22  | 23   | 43     | 24     | 1.798     | -0.115    | 2.894 | 0.016     | 0.013     | 0         | 52.9 | 55.9 | 55.9 | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 22  | 23   | 53     | 24     | 1.772     | -0.121    | 2.894 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 55.9 | 160        | 166        | 0          | 36     | 36     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 23  | 0    | 3      | 24     | 1.785     | -0.138    | 2.894 | 0.02      | 0.016     | 0         | 53.3 | 55.9 | 56.8 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 0    | 13     | 24     | 1.785     | -0.128    | 2.894 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 56.3 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 0    | 23     | 24     | 1.762     | -0.089    | 2.894 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 56.8 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 0    | 33     | 24     | 1.781     | -0.112    | 2.897 | 0.016     | 0.013     | 0         | 53.8 | 55.5 | 55.5 | 160        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 23  | 0    | 43     | 24     | 1.795     | -0.095    | 2.897 | 0.02      | 0.016     | 0         | 53.3 | 55.9 | 55.5 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 0    | 53     | 24     | 1.788     | -0.161    | 2.897 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 55.9 | 160        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 23  | 1    | 3      | 24     | 1.775     | -0.144    | 2.897 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 55.5 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 1    | 13     | 24     | 1.814     | -0.102    | 2.9   | 0.013     | 0.01      | 0         | 53.8 | 55.5 | 55.9 | 161        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 23  | 1    | 23     | 24     | 1.729     | -0.164    | 2.897 | 0.016     | 0.013     | 0         | 54.2 | 55.9 | 55.5 | 161        | 167        | 0          | 35     | 37     |
| 2009 | 6     | 23  | 1    | 33     | 24     | 1.778     | -0.125    | 2.9   | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 56.3 | 161        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 23  | 1    | 43     | 24     | 1.745     | -0.131    | 2.9   | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 55   | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 1    | 53     | 24     | 1.785     | -0.089    | 2.904 | 0.016     | 0.013     | 0         | 53.3 | 56.3 | 56.3 | 160        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 23  | 2    | 3      | 24     | 1.808     | -0.128    | 2.904 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 56.8 | 160        | 167        | 0          | 35     | 37     |
| 2009 | 6     | 23  | 2    | 13     | 24     | 1.742     | -0.125    | 2.904 | 0.02      | 0.016     | 0         | 53.3 | 55.9 | 55.5 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 2    | 23     | 24     | 1.788     | -0.128    | 2.904 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 56.3 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 2    | 33     | 24     | 1.775     | -0.115    | 2.904 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 55.9 | 161        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 23  | 2    | 43     | 24     | 1.726     | -0.049    | 2.904 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 55.9 | 161        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 23  | 2    | 53     | 24     | 1.775     | -0.121    | 2.907 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 56.3 | 161        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 23  | 3    | 3      | 24     | 1.791     | -0.105    | 2.907 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 58   | 161        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 23  | 3    | 13     | 24     | 1.795     | -0.144    | 2.907 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 57.2 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 3    | 23     | 24     | 1.824     | -0.161    | 2.907 | 0.016     | 0.013     | 0         | 54.2 | 55.9 | 56.3 | 162        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 23  | 3    | 33     | 24     | 1.752     | -0.108    | 2.907 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 56.8 | 161        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 23  | 3    | 43     | 24     | 1.752     | -0.102    | 2.907 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 57.6 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 3    | 53     | 24     | 1.804     | -0.052    | 2.907 | 0.016     | 0.013     | 0         | 54.2 | 56.8 | 57.2 | 161        | 168        | 0          | 35     | 36     |
| 2009 | 6     | 23  | 4    | 3      | 24     | 1.729     | -0.112    | 2.907 | 0.013     | 0.01      | 0         | 53.8 | 55.5 | 56.8 | 161        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 23  | 4    | 13     | 24     | 1.808     | -0.092    | 2.907 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 57.2 | 161        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 23  | 4    | 23     | 24     | 1.791     | -0.118    | 2.907 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 57.2 | 162        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 23  | 4    | 33     | 24     | 1.814     | -0.121    | 2.907 | 0.01      | 0.007     | 0         | 53.8 | 56.3 | 58.5 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 4    | 43     | 24     | 1.762     | -0.056    | 2.907 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 58.5 | 161        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 23  | 4    | 53     | 24     | 1.752     | -0.121    | 2.907 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 58   | 161        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 23  | 5    | 3      | 24     | 1.795     | -0.18     | 2.91  | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 58.9 | 162        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 23  | 5    | 13     | 24     | 1.742     | -0.154    | 2.91  | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 58.9 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 5    | 23     | 24     | 1.785     | -0.118    | 2.91  | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 58   | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 5    | 33     | 24     | 1.732     | -0.121    | 2.91  | 0.016     | 0.013     | 0         | 54.2 | 56.8 | 57.2 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 5    | 43     | 24     | 1.775     | -0.089    | 2.91  | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 60.2 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 5    | 53     | 24     | 1.791     | -0.128    | 2.91  | 0.016     | 0.013     | 0         | 54.2 | 56.8 | 57.6 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 6    | 3      | 24     | 1.775     | -0.121    | 2.91  | 0.02      | 0.016     | 0         | 54.6 | 56.8 | 58   | 162        | 169        | 0          | 35     | 37     |
| 2009 | 6     | 23  | 6    | 13     | 24     | 1.818     | -0.128    | 2.91  | 0.02      | 0.016     | 0         | 54.2 | 56.3 | 58.5 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 6    | 23     | 24     | 1.824     | -0.072    | 2.91  | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 57.6 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 6    | 33     | 24     | 1.801     | -0.128    | 2.91  | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 58.5 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 6    | 43     | 24     | 1.791     | -0.138    | 2.91  | 0.016     | 0.013     | 0         | 53.3 | 56.3 | 57.6 | 161        | 168        | 0          | 37     | 37     |
| 2009 | 6     | 23  | 6    | 53     | 24     | 1.759     | -0.118    | 2.91  | 0.016     | 0.013     | 0         | 53.3 | 56.3 | 58   | 161        | 168        | 0          | 37     | 37     |
| 2009 | 6     | 23  | 7    | 3      | 24     | 1.762     | -0.095    | 2.91  | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 57.6 | 161        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 23  | 7    | 13     | 24     | 1.768     | -0.112    | 2.91  | 0.02      | 0.016     | 0         | 54.2 | 56.3 | 58   | 161        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 23  | 7    | 23     | 24     | 1.801     | -0.115    | 2.91  | 0.016     | 0.013     | 0         | 53.8 | 55.5 | 58.9 | 161        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 23  | 7    | 33     | 24     | 1.749     | -0.108    | 2.91  | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 58.9 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 7    | 43     | 24     | 1.791     | -0.125    | 2.91  | 0.016     | 0.016     | 0         | 54.2 | 55.9 | 57.6 | 161        | 167        | 0          | 35     | 37     |
| 2009 | 6     | 23  | 7    | 53     | 24     | 1.778     | -0.105    | 2.91  | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 57.2 | 161        | 167        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 23  | 8    | 3      | 24     | 1.778     | -0.167    | 2.913 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 57.6 | 160        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 23  | 8    | 13     | 24     | 1.759     | -0.157    | 2.91  | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 58.5 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 8    | 23     | 24     | 1.745     | -0.131    | 2.91  | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 56.8 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 8    | 33     | 24     | 1.775     | -0.135    | 2.91  | 0.02      | 0.016     | 0         | 53.8 | 55.9 | 57.6 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 8    | 43     | 24     | 1.765     | -0.135    | 2.913 | 0.016     | 0.013     | 0         | 54.2 | 55.9 | 58.5 | 161        | 167        | 0          | 35     | 37     |
| 2009 | 6     | 23  | 8    | 53     | 24     | 1.785     | -0.174    | 2.913 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 57.2 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 9    | 3      | 24     | 1.765     | -0.108    | 2.913 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 57.2 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 9    | 13     | 24     | 1.765     | -0.144    | 2.913 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 57.2 | 161        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 23  | 9    | 23     | 24     | 1.781     | -0.138    | 2.913 | 0.016     | 0.013     | 0         | 53.8 | 55.5 | 56.8 | 161        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 23  | 9    | 33     | 24     | 1.791     | -0.18     | 2.913 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 56.8 | 161        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 23  | 9    | 43     | 24     | 1.791     | -0.115    | 2.913 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 57.2 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 9    | 53     | 24     | 1.739     | -0.121    | 2.913 | 0.013     | 0.01      | 0         | 53.8 | 56.3 | 56.8 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 10   | 3      | 24     | 1.788     | -0.085    | 2.913 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 57.2 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 10   | 13     | 24     | 1.798     | -0.23     | 2.913 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 56.3 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 10   | 23     | 24     | 1.752     | -0.177    | 2.913 | 0.02      | 0.016     | 0         | 53.3 | 56.3 | 57.2 | 161        | 167        | 0          | 37     | 36     |
| 2009 | 6     | 23  | 10   | 33     | 24     | 1.795     | -0.115    | 2.913 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 56.3 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 10   | 43     | 24     | 1.768     | -0.184    | 2.913 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 57.6 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 10   | 53     | 24     | 1.818     | -0.115    | 2.917 | 0.016     | 0.016     | 0         | 53.8 | 55.5 | 55.9 | 161        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 23  | 11   | 3      | 24     | 1.768     | -0.138    | 2.917 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 55.5 | 161        | 167        | 0          | 37     | 38     |
| 2009 | 6     | 23  | 11   | 13     | 24     | 1.778     | -0.19     | 2.913 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 57.2 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 11   | 23     | 24     | 1.785     | -0.095    | 2.917 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 57.6 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 11   | 33     | 24     | 1.759     | -0.151    | 2.917 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 55.9 | 160        | 167        | 0          | 35     | 37     |
| 2009 | 6     | 23  | 11   | 43     | 24     | 1.781     | -0.157    | 2.917 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 57.2 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 11   | 53     | 24     | 1.762     | -0.161    | 2.917 | 0.016     | 0.013     | 0         | 53.8 | 55.5 | 56.3 | 160        | 167        | 0          | 35     | 38     |
| 2009 | 6     | 23  | 12   | 3      | 24     | 1.765     | -0.115    | 2.917 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 55.9 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 12   | 13     | 24     | 1.785     | -0.105    | 2.917 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 55.9 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 12   | 23     | 24     | 1.762     | -0.108    | 2.917 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 56.3 | 160        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 23  | 12   | 33     | 24     | 1.745     | -0.174    | 2.917 | 0.016     | 0.013     | 0         | 52.9 | 55.9 | 57.2 | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 23  | 12   | 43     | 24     | 1.778     | -0.128    | 2.92  | 0.016     | 0.013     | 0         | 53.3 | 55   | 56.3 | 159        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 23  | 12   | 53     | 24     | 1.745     | -0.098    | 2.917 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 57.6 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 13   | 3      | 24     | 1.755     | -0.151    | 2.92  | 0.02      | 0.016     | 0         | 53.3 | 55.5 | 57.2 | 159        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 23  | 13   | 13     | 24     | 1.765     | -0.148    | 2.92  | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 56.8 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 13   | 23     | 24     | 1.768     | -0.121    | 2.92  | 0.016     | 0.016     | 0         | 52.9 | 55   | 57.2 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 13   | 33     | 24     | 1.759     | -0.141    | 2.92  | 0.016     | 0.013     | 0         | 52.9 | 55   | 57.2 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 13   | 43     | 24     | 1.772     | -0.118    | 2.92  | 0.016     | 0.016     | 0         | 52.5 | 55   | 57.2 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 13   | 53     | 24     | 1.762     | -0.079    | 2.92  | 0.016     | 0.016     | 0         | 52.9 | 55.9 | 57.6 | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 23  | 14   | 3      | 24     | 1.788     | -0.105    | 2.92  | 0.016     | 0.013     | 0         | 52.9 | 55   | 57.6 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 14   | 13     | 24     | 1.775     | -0.151    | 2.92  | 0.02      | 0.016     | 0         | 53.3 | 55   | 57.6 | 159        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 23  | 14   | 23     | 24     | 1.781     | -0.161    | 2.92  | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 57.2 | 159        | 165        | 0          | 35     | 38     |
| 2009 | 6     | 23  | 14   | 33     | 24     | 1.798     | -0.19     | 2.92  | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 55.9 | 159        | 165        | 0          | 36     | 38     |
| 2009 | 6     | 23  | 14   | 43     | 24     | 1.755     | -0.128    | 2.92  | 0.02      | 0.016     | 0         | 52.5 | 54.6 | 55.9 | 158        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 14   | 53     | 24     | 1.765     | -0.085    | 2.92  | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 56.8 | 159        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 23  | 15   | 3      | 24     | 1.742     | -0.102    | 2.923 | 0.016     | 0.016     | 0         | 52.9 | 55   | 56.3 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 15   | 13     | 24     | 1.778     | -0.085    | 2.923 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 55   | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 15   | 23     | 24     | 1.775     | -0.098    | 2.92  | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 56.8 | 159        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 23  | 15   | 33     | 24     | 1.768     | -0.131    | 2.923 | 0.016     | 0.013     | 0         | 53.3 | 55   | 55.9 | 160        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 23  | 15   | 43     | 24     | 1.778     | -0.102    | 2.923 | 0.02      | 0.016     | 0         | 52.9 | 55.5 | 55   | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 15   | 53     | 24     | 1.755     | -0.069    | 2.923 | 0.023     | 0.02      | 0         | 53.8 | 56.3 | 56.3 | 161        | 167        | 0          | 36     | 36     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 23  | 16   | 3      | 24     | 1.762     | -0.066    | 2.923 | 0.016     | 0.013     | 0         | 52.9 | 55   | 57.2 | 159        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 23  | 16   | 13     | 24     | 1.768     | -0.062    | 2.923 | 0.013     | 0.01      | 0         | 53.3 | 55   | 56.8 | 160        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 23  | 16   | 23     | 24     | 1.795     | -0.095    | 2.923 | 0.016     | 0.016     | 0         | 53.8 | 55.5 | 58   | 160        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 23  | 16   | 33     | 24     | 1.762     | -0.069    | 2.923 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 56.3 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 16   | 43     | 24     | 1.775     | -0.095    | 2.923 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 57.2 | 159        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 23  | 16   | 53     | 24     | 1.752     | -0.128    | 2.923 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 55   | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 17   | 3      | 24     | 1.814     | -0.157    | 2.923 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 56.3 | 159        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 23  | 17   | 13     | 24     | 1.755     | -0.02     | 2.923 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 57.6 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 17   | 23     | 24     | 1.765     | -0.131    | 2.923 | 0.016     | 0.016     | 0         | 52.9 | 54.6 | 55.9 | 159        | 165        | 0          | 36     | 38     |
| 2009 | 6     | 23  | 17   | 33     | 24     | 1.811     | -0.171    | 2.923 | 0.016     | 0.013     | 0         | 53.3 | 55   | 58   | 159        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 23  | 17   | 43     | 24     | 1.775     | -0.108    | 2.927 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 55.9 | 159        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 23  | 17   | 53     | 24     | 1.768     | -0.112    | 2.927 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 56.3 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 18   | 3      | 24     | 1.768     | -0.075    | 2.927 | 0.02      | 0.016     | 0         | 52.5 | 55.5 | 57.2 | 158        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 23  | 18   | 13     | 24     | 1.762     | -0.085    | 2.927 | 0.016     | 0.016     | 0         | 52.9 | 55   | 58   | 158        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 23  | 18   | 23     | 24     | 1.762     | -0.089    | 2.927 | 0.016     | 0.016     | 0         | 52.5 | 55.5 | 57.2 | 158        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 23  | 18   | 33     | 24     | 1.765     | -0.108    | 2.927 | 0.016     | 0.013     | 0         | 52.9 | 55   | 57.2 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 18   | 43     | 24     | 1.736     | -0.056    | 2.927 | 0.016     | 0.016     | 0         | 52.5 | 55   | 56.8 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 18   | 53     | 24     | 1.759     | -0.079    | 2.93  | 0.016     | 0.016     | 0         | 52.5 | 55   | 55.9 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 19   | 3      | 24     | 1.788     | -0.177    | 2.927 | 0.016     | 0.013     | 0         | 52.9 | 55   | 56.3 | 158        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 23  | 19   | 13     | 24     | 1.765     | -0.098    | 2.93  | 0.016     | 0.016     | 0         | 52.5 | 55   | 57.2 | 158        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 23  | 19   | 23     | 24     | 1.759     | -0.154    | 2.93  | 0.016     | 0.016     | 0         | 52.5 | 55   | 57.6 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 19   | 33     | 24     | 1.778     | -0.108    | 2.93  | 0.016     | 0.013     | 0         | 52.5 | 55   | 57.6 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 19   | 43     | 24     | 1.765     | -0.112    | 2.93  | 0.016     | 0.016     | 0         | 52.9 | 55   | 56.3 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 19   | 53     | 24     | 1.798     | -0.187    | 2.93  | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 55.5 | 159        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 23  | 20   | 3      | 24     | 1.781     | -0.131    | 2.933 | 0.016     | 0.016     | 0         | 52.5 | 55.5 | 55   | 158        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 23  | 20   | 13     | 24     | 1.798     | -0.115    | 2.933 | 0.02      | 0.016     | 0         | 53.3 | 55   | 56.3 | 159        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 23  | 20   | 23     | 24     | 1.765     | -0.164    | 2.933 | 0.013     | 0.01      | 0         | 53.3 | 55   | 56.3 | 159        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 23  | 20   | 33     | 24     | 1.798     | -0.118    | 2.933 | 0.016     | 0.013     | 0         | 53.3 | 55   | 55.9 | 159        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 23  | 20   | 43     | 24     | 1.765     | -0.167    | 2.933 | 0.016     | 0.013     | 0         | 52.9 | 55   | 56.3 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 20   | 53     | 24     | 1.752     | -0.082    | 2.933 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 56.3 | 159        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 23  | 21   | 3      | 24     | 1.765     | -0.092    | 2.936 | 0.016     | 0.013     | 0         | 52.9 | 55   | 56.3 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 21   | 13     | 24     | 1.772     | -0.092    | 2.936 | 0.016     | 0.016     | 0         | 52.9 | 55   | 56.3 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 21   | 23     | 24     | 1.772     | -0.092    | 2.94  | 0.016     | 0.016     | 0         | 53.3 | 55   | 56.3 | 159        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 23  | 21   | 33     | 24     | 1.749     | -0.121    | 2.936 | 0.016     | 0.013     | 0         | 53.3 | 55   | 55.9 | 159        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 23  | 21   | 43     | 24     | 1.791     | -0.164    | 2.936 | 0.016     | 0.016     | 0         | 52.9 | 55   | 56.8 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 21   | 53     | 24     | 1.778     | -0.098    | 2.94  | 0.016     | 0.016     | 0         | 53.3 | 55   | 56.3 | 159        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 23  | 22   | 3      | 24     | 1.749     | -0.108    | 2.94  | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 56.3 | 159        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 23  | 22   | 13     | 24     | 1.795     | -0.164    | 2.94  | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 56.8 | 159        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 23  | 22   | 23     | 24     | 1.765     | -0.138    | 2.943 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 57.6 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 22   | 33     | 24     | 1.775     | -0.092    | 2.943 | 0.016     | 0.013     | 0         | 52.5 | 55.5 | 56.8 | 158        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 23  | 22   | 43     | 24     | 1.749     | -0.115    | 2.946 | 0.016     | 0.016     | 0         | 52.5 | 55   | 57.6 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 22   | 53     | 24     | 1.791     | -0.118    | 2.943 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 56.8 | 158        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 23  | 23   | 3      | 24     | 1.778     | -0.125    | 2.946 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 57.6 | 159        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 23  | 23   | 13     | 24     | 1.818     | -0.112    | 2.946 | 0.016     | 0.013     | 0         | 52.5 | 55   | 55.9 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 23   | 23     | 24     | 1.785     | -0.128    | 2.946 | 0.02      | 0.016     | 0         | 53.3 | 55.5 | 56.3 | 159        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 23  | 23   | 33     | 24     | 1.801     | -0.164    | 2.946 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 57.6 | 159        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 23  | 23   | 43     | 24     | 1.772     | -0.112    | 2.946 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 57.2 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 23  | 23   | 53     | 24     | 1.798     | -0.187    | 2.946 | 0.013     | 0.01      | 0         | 53.3 | 55.9 | 56.3 | 159        | 166        | 0          | 35     | 36     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 24  | 0    | 3      | 24     | 1.762     | -0.167    | 2.946 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 57.6 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 0    | 13     | 24     | 1.755     | -0.148    | 2.946 | 0.016     | 0.016     | 0         | 52.9 | 55.9 | 56.8 | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 24  | 0    | 23     | 24     | 1.785     | -0.148    | 2.949 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 57.2 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 0    | 33     | 24     | 1.736     | -0.154    | 2.946 | 0.016     | 0.016     | 0         | 52.9 | 55.9 | 56.8 | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 24  | 0    | 43     | 24     | 1.781     | -0.118    | 2.949 | 0.013     | 0.01      | 0         | 52.9 | 55.5 | 58   | 159        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 24  | 0    | 53     | 24     | 1.759     | -0.154    | 2.949 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 58   | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 1    | 3      | 24     | 1.726     | -0.135    | 2.949 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 57.6 | 159        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 24  | 1    | 13     | 24     | 1.785     | -0.187    | 2.949 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 57.6 | 159        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 24  | 1    | 23     | 24     | 1.795     | -0.141    | 2.949 | 0.023     | 0.02      | 0         | 53.3 | 55.9 | 55.9 | 160        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 24  | 1    | 33     | 24     | 1.791     | -0.144    | 2.949 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 58   | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 1    | 43     | 24     | 1.785     | -0.167    | 2.949 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 58.9 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 1    | 53     | 24     | 1.785     | -0.184    | 2.949 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 58.5 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 2    | 3      | 24     | 1.798     | -0.171    | 2.949 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 59.3 | 159        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 24  | 2    | 13     | 24     | 1.791     | -0.125    | 2.949 | 0.016     | 0.013     | 0         | 53.8 | 55   | 56.3 | 160        | 166        | 0          | 35     | 38     |
| 2009 | 6     | 24  | 2    | 23     | 24     | 1.801     | -0.128    | 2.949 | 0.013     | 0.01      | 0         | 53.3 | 55.5 | 58.9 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 2    | 33     | 24     | 1.759     | -0.144    | 2.949 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 59.8 | 160        | 167        | 0          | 35     | 37     |
| 2009 | 6     | 24  | 2    | 43     | 24     | 1.772     | -0.184    | 2.949 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 59.3 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 2    | 53     | 24     | 1.818     | -0.128    | 2.949 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 58   | 160        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 24  | 3    | 3      | 24     | 1.795     | -0.128    | 2.949 | 0.016     | 0.013     | 0         | 53.3 | 56.3 | 58.9 | 160        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 24  | 3    | 13     | 24     | 1.804     | -0.18     | 2.949 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 56.8 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 3    | 23     | 24     | 1.814     | -0.167    | 2.949 | 0.013     | 0.01      | 0         | 53.8 | 55.9 | 59.3 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 3    | 33     | 24     | 1.814     | -0.18     | 2.949 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 58.9 | 161        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 24  | 3    | 43     | 24     | 1.785     | -0.095    | 2.949 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 57.6 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 3    | 53     | 24     | 1.795     | -0.135    | 2.949 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 57.6 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 4    | 3      | 24     | 1.772     | -0.098    | 2.949 | 0.013     | 0.01      | 0         | 53.8 | 55.9 | 58   | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 4    | 13     | 24     | 1.811     | -0.069    | 2.949 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 58   | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 4    | 23     | 24     | 1.814     | -0.125    | 2.949 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 59.8 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 4    | 33     | 24     | 1.811     | -0.161    | 2.949 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 58.9 | 161        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 24  | 4    | 43     | 24     | 1.765     | -0.144    | 2.949 | 0.013     | 0.01      | 0         | 53.8 | 56.3 | 57.6 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 4    | 53     | 24     | 1.801     | -0.148    | 2.949 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 57.6 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 5    | 3      | 24     | 1.778     | -0.118    | 2.949 | 0.016     | 0.013     | 0         | 53.8 | 56.8 | 58.5 | 161        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 24  | 5    | 13     | 24     | 1.808     | -0.154    | 2.953 | 0.02      | 0.016     | 0         | 54.6 | 56.3 | 56.8 | 162        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 24  | 5    | 23     | 24     | 1.752     | -0.112    | 2.949 | 0.016     | 0.013     | 0         | 54.2 | 56.8 | 57.6 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 5    | 33     | 24     | 1.762     | -0.161    | 2.949 | 0.016     | 0.013     | 0         | 54.2 | 57.2 | 58.5 | 162        | 169        | 0          | 36     | 36     |
| 2009 | 6     | 24  | 5    | 43     | 24     | 1.804     | -0.171    | 2.949 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 57.6 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 5    | 53     | 24     | 1.804     | -0.115    | 2.949 | 0.016     | 0.013     | 0         | 53.8 | 56.8 | 56.8 | 162        | 169        | 0          | 37     | 37     |
| 2009 | 6     | 24  | 6    | 3      | 24     | 1.765     | -0.138    | 2.949 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 58   | 162        | 168        | 0          | 37     | 37     |
| 2009 | 6     | 24  | 6    | 13     | 24     | 1.785     | -0.151    | 2.949 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 55.5 | 162        | 168        | 0          | 37     | 37     |
| 2009 | 6     | 24  | 6    | 23     | 24     | 1.801     | -0.102    | 2.953 | 0.013     | 0.01      | 0         | 53.8 | 55.5 | 57.2 | 161        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 24  | 6    | 33     | 24     | 1.785     | -0.177    | 2.953 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 56.3 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 6    | 43     | 24     | 1.788     | -0.151    | 2.953 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 56.8 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 6    | 53     | 24     | 1.788     | -0.161    | 2.953 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 57.6 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 7    | 3      | 24     | 1.775     | -0.098    | 2.953 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 58.9 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 7    | 13     | 24     | 1.772     | -0.141    | 2.953 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 57.2 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 7    | 23     | 24     | 1.778     | -0.151    | 2.953 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 58   | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 7    | 33     | 24     | 1.834     | -0.223    | 2.953 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 56.8 | 161        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 24  | 7    | 43     | 24     | 1.798     | -0.19     | 2.953 | 0.02      | 0.016     | 0         | 53.3 | 55.5 | 58.5 | 161        | 167        | 0          | 37     | 38     |
| 2009 | 6     | 24  | 7    | 53     | 24     | 1.785     | -0.174    | 2.953 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 57.2 | 161        | 167        | 0          | 36     | 37     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 24  | 8    | 3      | 24     | 1.801     | -0.154    | 2.953 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 58   | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 8    | 13     | 24     | 1.795     | -0.157    | 2.953 | 0.016     | 0.016     | 0         | 52.9 | 55.9 | 57.6 | 160        | 167        | 0          | 37     | 37     |
| 2009 | 6     | 24  | 8    | 23     | 24     | 1.788     | -0.167    | 2.953 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 56.8 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 8    | 33     | 24     | 1.791     | -0.2      | 2.953 | 0.016     | 0.013     | 0         | 53.8 | 55.5 | 56.8 | 160        | 167        | 0          | 35     | 38     |
| 2009 | 6     | 24  | 8    | 43     | 24     | 1.752     | -0.118    | 2.953 | 0.016     | 0.013     | 0         | 53.8 | 55.5 | 56.3 | 161        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 24  | 8    | 53     | 24     | 1.775     | -0.144    | 2.956 | 0.016     | 0.013     | 0         | 53.8 | 55.5 | 56.3 | 161        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 24  | 9    | 3      | 24     | 1.775     | -0.161    | 2.953 | 0.013     | 0.01      | 0         | 54.2 | 55.9 | 55.9 | 161        | 167        | 0          | 35     | 37     |
| 2009 | 6     | 24  | 9    | 13     | 24     | 1.772     | -0.197    | 2.953 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 56.3 | 161        | 167        | 0          | 37     | 37     |
| 2009 | 6     | 24  | 9    | 23     | 24     | 1.788     | -0.161    | 2.956 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 57.2 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 9    | 33     | 24     | 1.772     | -0.18     | 2.956 | 0.016     | 0.013     | 0         | 53.8 | 55.5 | 57.2 | 161        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 24  | 9    | 43     | 24     | 1.772     | -0.167    | 2.956 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 56.3 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 9    | 53     | 24     | 1.765     | -0.095    | 2.956 | 0.016     | 0.013     | 0         | 53.8 | 55.5 | 55.9 | 161        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 24  | 10   | 3      | 24     | 1.772     | -0.148    | 2.956 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 56.8 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 10   | 13     | 24     | 1.778     | -0.161    | 2.956 | 0.02      | 0.016     | 0         | 54.2 | 55.5 | 56.3 | 161        | 167        | 0          | 35     | 38     |
| 2009 | 6     | 24  | 10   | 23     | 24     | 1.785     | -0.148    | 2.956 | 0.016     | 0.013     | 0         | 53.8 | 55.5 | 57.2 | 161        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 24  | 10   | 33     | 24     | 1.788     | -0.18     | 2.956 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 56.3 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 10   | 43     | 24     | 1.752     | -0.105    | 2.956 | 0.013     | 0.01      | 0         | 53.3 | 55.5 | 57.2 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 10   | 53     | 24     | 1.778     | -0.171    | 2.956 | 0.02      | 0.016     | 0         | 53.3 | 55.9 | 57.2 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 11   | 3      | 24     | 1.739     | -0.102    | 2.956 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 55.9 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 11   | 13     | 24     | 1.755     | -0.118    | 2.956 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 57.6 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 11   | 23     | 24     | 1.772     | -0.135    | 2.956 | 0.016     | 0.016     | 0         | 53.8 | 55.5 | 57.2 | 160        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 24  | 11   | 33     | 24     | 1.742     | -0.151    | 2.956 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 55   | 160        | 167        | 0          | 35     | 37     |
| 2009 | 6     | 24  | 11   | 43     | 24     | 1.781     | -0.089    | 2.956 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 55.9 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 11   | 53     | 24     | 1.749     | -0.089    | 2.956 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 56.8 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 12   | 3      | 24     | 1.755     | -0.148    | 2.959 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 55.9 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 12   | 13     | 24     | 1.781     | -0.151    | 2.956 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 55   | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 12   | 23     | 24     | 1.749     | -0.069    | 2.956 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 55.5 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 12   | 33     | 24     | 1.726     | -0.112    | 2.956 | 0.016     | 0.016     | 0         | 53.3 | 56.3 | 57.2 | 160        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 24  | 12   | 43     | 24     | 1.762     | -0.039    | 2.956 | 0.02      | 0.016     | 0         | 53.8 | 55.9 | 56.8 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 12   | 53     | 24     | 1.759     | -0.125    | 2.956 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 54.6 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 13   | 3      | 24     | 1.785     | -0.102    | 2.956 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 57.6 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 13   | 13     | 24     | 1.781     | -0.098    | 2.959 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 56.3 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 13   | 23     | 24     | 1.762     | -0.112    | 2.959 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 55   | 162        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 24  | 13   | 33     | 24     | 1.772     | -0.092    | 2.959 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 56.3 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 13   | 43     | 24     | 1.772     | -0.141    | 2.959 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 56.8 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 13   | 53     | 24     | 1.785     | -0.138    | 2.959 | 0.016     | 0.016     | 0         | 53.3 | 56.3 | 55.9 | 161        | 168        | 0          | 37     | 37     |
| 2009 | 6     | 24  | 14   | 3      | 24     | 1.736     | -0.19     | 2.959 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 55   | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 14   | 13     | 24     | 1.759     | -0.131    | 2.956 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 56.3 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 14   | 23     | 24     | 1.742     | -0.118    | 2.956 | 0.016     | 0.016     | 0         | 54.2 | 55.9 | 56.8 | 161        | 167        | 0          | 35     | 37     |
| 2009 | 6     | 24  | 14   | 33     | 24     | 1.759     | -0.171    | 2.959 | 0.016     | 0.013     | 0         | 54.2 | 56.8 | 55.9 | 162        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 24  | 14   | 43     | 24     | 1.719     | -0.075    | 2.956 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 55.9 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 14   | 53     | 24     | 1.765     | -0.112    | 2.956 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 56.8 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 15   | 3      | 24     | 1.755     | -0.108    | 2.956 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 57.2 | 163        | 169        | 0          | 36     | 36     |
| 2009 | 6     | 24  | 15   | 13     | 24     | 1.745     | -0.135    | 2.956 | 0.016     | 0.013     | 0         | 55   | 57.6 | 56.3 | 163        | 170        | 0          | 35     | 36     |
| 2009 | 6     | 24  | 15   | 23     | 24     | 1.742     | -0.082    | 2.956 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 57.6 | 163        | 169        | 0          | 36     | 36     |
| 2009 | 6     | 24  | 15   | 33     | 24     | 1.739     | -0.092    | 2.956 | 0.016     | 0.013     | 0         | 55   | 57.2 | 57.2 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 15   | 43     | 24     | 1.755     | -0.151    | 2.956 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 56.3 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 15   | 53     | 24     | 1.745     | -0.135    | 2.959 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 56.8 | 163        | 170        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 24  | 16   | 3      | 24     | 1.736     | -0.115    | 2.959 | 0.016     | 0.016     | 0         | 55   | 56.3 | 56.8 | 163        | 169        | 0          | 35     | 38     |
| 2009 | 6     | 24  | 16   | 13     | 24     | 1.762     | -0.141    | 2.956 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 56.8 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 16   | 23     | 24     | 1.739     | -0.125    | 2.959 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 56.8 | 162        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 24  | 16   | 33     | 24     | 1.759     | -0.121    | 2.956 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 57.6 | 161        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 24  | 16   | 43     | 24     | 1.759     | -0.131    | 2.959 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 58   | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 16   | 53     | 24     | 1.772     | -0.121    | 2.959 | 0.02      | 0.016     | 0         | 54.2 | 56.8 | 55.9 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 17   | 3      | 24     | 1.752     | -0.102    | 2.956 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 56.3 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 17   | 13     | 24     | 1.772     | -0.141    | 2.959 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 57.6 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 17   | 23     | 24     | 1.768     | -0.154    | 2.959 | 0.016     | 0.016     | 0         | 54.6 | 56.3 | 55.9 | 162        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 24  | 17   | 33     | 24     | 1.732     | -0.075    | 2.959 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 56.8 | 162        | 168        | 0          | 35     | 38     |
| 2009 | 6     | 24  | 17   | 43     | 24     | 1.739     | -0.164    | 2.959 | 0.016     | 0.013     | 0         | 54.6 | 56.3 | 57.2 | 162        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 24  | 17   | 53     | 24     | 1.745     | -0.046    | 2.959 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 56.3 | 162        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 24  | 18   | 3      | 24     | 1.755     | -0.125    | 2.959 | 0.016     | 0.016     | 0         | 54.2 | 56.8 | 57.6 | 161        | 168        | 0          | 35     | 36     |
| 2009 | 6     | 24  | 18   | 13     | 24     | 1.752     | -0.121    | 2.959 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 56.3 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 18   | 23     | 24     | 1.736     | -0.085    | 2.959 | 0.016     | 0.013     | 0         | 54.2 | 56.8 | 57.2 | 162        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 24  | 18   | 33     | 24     | 1.775     | -0.144    | 2.956 | 0.016     | 0.013     | 0         | 54.2 | 56.8 | 58   | 162        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 24  | 18   | 43     | 24     | 1.759     | -0.148    | 2.959 | 0.016     | 0.016     | 0         | 54.6 | 56.3 | 58.9 | 162        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 24  | 18   | 53     | 24     | 1.739     | -0.121    | 2.959 | 0.016     | 0.013     | 0         | 54.6 | 56.8 | 55.9 | 162        | 169        | 0          | 35     | 37     |
| 2009 | 6     | 24  | 19   | 3      | 24     | 1.781     | -0.118    | 2.959 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 58   | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 19   | 13     | 24     | 1.801     | -0.151    | 2.959 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 58   | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 19   | 23     | 24     | 1.801     | -0.131    | 2.959 | 0.016     | 0.013     | 0         | 54.6 | 56.3 | 57.6 | 162        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 24  | 19   | 33     | 24     | 1.745     | -0.098    | 2.959 | 0.016     | 0.013     | 0         | 54.2 | 56.8 | 57.6 | 161        | 168        | 0          | 35     | 36     |
| 2009 | 6     | 24  | 19   | 43     | 24     | 1.752     | -0.066    | 2.959 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 56.8 | 161        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 24  | 19   | 53     | 24     | 1.759     | -0.157    | 2.959 | 0.026     | 0.023     | 0         | 53.8 | 56.3 | 57.2 | 161        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 24  | 20   | 3      | 24     | 1.788     | -0.125    | 2.959 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 58   | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 20   | 13     | 24     | 1.778     | -0.115    | 2.959 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 58.5 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 20   | 23     | 24     | 1.801     | -0.092    | 2.959 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 58.5 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 20   | 33     | 24     | 1.778     | -0.131    | 2.959 | 0.016     | 0.016     | 0         | 53.3 | 56.3 | 58.5 | 160        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 24  | 20   | 43     | 24     | 1.811     | -0.174    | 2.959 | 0.016     | 0.016     | 0         | 53.3 | 56.3 | 59.3 | 160        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 24  | 20   | 53     | 24     | 1.726     | -0.089    | 2.959 | 0.02      | 0.016     | 0         | 53.3 | 55.9 | 58   | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 21   | 3      | 24     | 1.808     | -0.151    | 2.959 | 0.02      | 0.016     | 0         | 53.3 | 56.3 | 57.6 | 160        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 24  | 21   | 13     | 24     | 1.791     | -0.174    | 2.959 | 0.02      | 0.016     | 0         | 53.8 | 56.3 | 57.2 | 160        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 24  | 21   | 23     | 24     | 1.768     | -0.177    | 2.963 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 59.3 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 21   | 33     | 24     | 1.795     | -0.118    | 2.963 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 58.5 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 21   | 43     | 24     | 1.788     | -0.171    | 2.963 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 58.5 | 160        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 24  | 21   | 53     | 24     | 1.775     | -0.197    | 2.963 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 58   | 159        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 24  | 22   | 3      | 24     | 1.762     | -0.135    | 2.963 | 0.013     | 0.01      | 0         | 52.9 | 55.5 | 58   | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 22   | 13     | 24     | 1.778     | -0.131    | 2.963 | 0.02      | 0.016     | 0         | 52.9 | 55.9 | 58   | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 24  | 22   | 23     | 24     | 1.772     | -0.105    | 2.963 | 0.016     | 0.016     | 0         | 52.9 | 55.9 | 57.6 | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 24  | 22   | 33     | 24     | 1.765     | -0.148    | 2.963 | 0.016     | 0.013     | 0         | 52.9 | 55.9 | 58.9 | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 24  | 22   | 43     | 24     | 1.804     | -0.141    | 2.963 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 59.3 | 160        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 24  | 22   | 53     | 24     | 1.759     | -0.154    | 2.963 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 58.9 | 159        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 24  | 23   | 3      | 24     | 1.752     | -0.177    | 2.963 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 58   | 159        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 24  | 23   | 13     | 24     | 1.749     | -0.131    | 2.963 | 0.02      | 0.016     | 0         | 52.9 | 55.9 | 56.8 | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 24  | 23   | 23     | 24     | 1.775     | -0.157    | 2.963 | 0.02      | 0.016     | 0         | 53.3 | 55.9 | 57.6 | 160        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 24  | 23   | 33     | 24     | 1.726     | -0.161    | 2.963 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 58   | 160        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 24  | 23   | 43     | 24     | 1.788     | -0.184    | 2.963 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 58.5 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 24  | 23   | 53     | 24     | 1.778     | -0.164    | 2.963 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 58.5 | 160        | 166        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 25  | 0    | 3      | 24     | 1.759     | -0.157    | 2.963 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 57.2 | 160        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 25  | 0    | 13     | 24     | 1.778     | -0.115    | 2.963 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 57.6 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 0    | 23     | 24     | 1.765     | -0.184    | 2.963 | 0.02      | 0.016     | 0         | 53.8 | 55.9 | 58.5 | 160        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 25  | 0    | 33     | 24     | 1.788     | -0.135    | 2.963 | 0.013     | 0.01      | 0         | 53.3 | 55.9 | 57.6 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 0    | 43     | 24     | 1.791     | -0.138    | 2.963 | 0.013     | 0.01      | 0         | 53.3 | 56.3 | 57.2 | 160        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 25  | 0    | 53     | 24     | 1.765     | -0.118    | 2.963 | 0.016     | 0.013     | 0         | 53.3 | 56.3 | 57.2 | 160        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 25  | 1    | 3      | 24     | 1.811     | -0.18     | 2.963 | 0.016     | 0.016     | 0         | 53.3 | 56.3 | 56.8 | 160        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 25  | 1    | 13     | 24     | 1.788     | -0.177    | 2.963 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 58.5 | 160        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 25  | 1    | 23     | 24     | 1.762     | -0.125    | 2.963 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 58   | 161        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 25  | 1    | 33     | 24     | 1.781     | -0.151    | 2.963 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 57.2 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 1    | 43     | 24     | 1.811     | -0.144    | 2.963 | 0.013     | 0.01      | 0         | 53.8 | 55.5 | 57.2 | 160        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 25  | 1    | 53     | 24     | 1.765     | -0.108    | 2.963 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 57.2 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 2    | 3      | 24     | 1.752     | -0.151    | 2.963 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 58   | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 2    | 13     | 24     | 1.788     | -0.135    | 2.963 | 0.016     | 0.013     | 0         | 53.8 | 55.5 | 56.8 | 160        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 25  | 2    | 23     | 24     | 1.811     | -0.164    | 2.963 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 56.3 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 2    | 33     | 24     | 1.795     | -0.148    | 2.963 | 0.013     | 0.01      | 0         | 53.3 | 55.9 | 56.8 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 2    | 43     | 24     | 1.732     | -0.121    | 2.959 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 57.2 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 2    | 53     | 24     | 1.729     | -0.197    | 2.959 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 57.6 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 3    | 3      | 24     | 1.765     | -0.151    | 2.959 | 0.02      | 0.016     | 0         | 53.3 | 55.5 | 57.2 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 3    | 13     | 24     | 1.781     | -0.174    | 2.959 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 57.6 | 160        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 25  | 3    | 23     | 24     | 1.808     | -0.197    | 2.959 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 58   | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 3    | 33     | 24     | 1.778     | -0.164    | 2.959 | 0.02      | 0.016     | 0         | 53.3 | 56.3 | 56.8 | 160        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 25  | 3    | 43     | 24     | 1.785     | -0.194    | 2.959 | 0.02      | 0.016     | 0         | 53.3 | 55.9 | 56.3 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 3    | 53     | 24     | 1.762     | -0.121    | 2.959 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 55.9 | 160        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 25  | 4    | 3      | 24     | 1.749     | -0.131    | 2.959 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 55.9 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 4    | 13     | 24     | 1.775     | -0.128    | 2.959 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 56.8 | 162        | 168        | 0          | 37     | 37     |
| 2009 | 6     | 25  | 4    | 23     | 24     | 1.768     | -0.135    | 2.959 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 56.3 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 4    | 33     | 24     | 1.788     | -0.128    | 2.959 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 55.9 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 4    | 43     | 24     | 1.772     | -0.118    | 2.959 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 56.3 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 4    | 53     | 24     | 1.762     | -0.187    | 2.959 | 0.02      | 0.016     | 0         | 53.8 | 55.9 | 56.8 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 5    | 3      | 24     | 1.791     | -0.171    | 2.959 | 0.02      | 0.016     | 0         | 53.8 | 56.8 | 55.9 | 161        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 25  | 5    | 13     | 24     | 1.785     | -0.144    | 2.959 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 55.9 | 161        | 168        | 0          | 36     | 38     |
| 2009 | 6     | 25  | 5    | 23     | 24     | 1.772     | -0.138    | 2.959 | 0.016     | 0.013     | 0         | 54.6 | 56.3 | 55.9 | 162        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 25  | 5    | 33     | 24     | 1.801     | -0.161    | 2.959 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 54.2 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 5    | 43     | 24     | 1.768     | -0.098    | 2.959 | 0.013     | 0.01      | 0         | 54.6 | 56.3 | 56.3 | 162        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 25  | 5    | 53     | 24     | 1.745     | -0.197    | 2.959 | 0.016     | 0.013     | 0         | 54.2 | 56.8 | 55.9 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 6    | 3      | 24     | 1.762     | -0.154    | 2.959 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 56.3 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 6    | 13     | 24     | 1.775     | -0.184    | 2.959 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 55   | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 6    | 23     | 24     | 1.785     | -0.18     | 2.959 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 55.9 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 6    | 33     | 24     | 1.762     | -0.203    | 2.959 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 55.9 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 6    | 43     | 24     | 1.768     | -0.151    | 2.959 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 55   | 161        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 25  | 6    | 53     | 24     | 1.781     | -0.161    | 2.963 | 0.016     | 0.016     | 0         | 54.2 | 56.3 | 55.5 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 7    | 3      | 24     | 1.781     | -0.108    | 2.963 | 0.02      | 0.016     | 0         | 53.3 | 55.5 | 56.8 | 160        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 25  | 7    | 13     | 24     | 1.772     | -0.135    | 2.963 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 55.5 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 7    | 23     | 24     | 1.795     | -0.141    | 2.963 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 55   | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 7    | 33     | 24     | 1.765     | -0.098    | 2.963 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 55.5 | 160        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 25  | 7    | 43     | 24     | 1.778     | -0.171    | 2.963 | 0.016     | 0.016     | 0         | 53.3 | 56.3 | 55.5 | 160        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 25  | 7    | 53     | 24     | 1.755     | -0.151    | 2.963 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 55   | 160        | 167        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 25  | 8    | 3      | 24     | 1.788     | -0.161    | 2.966 | 0.016     | 0.016     | 0         | 53.3 | 56.3 | 55   | 160        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 25  | 8    | 13     | 24     | 1.752     | -0.138    | 2.966 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 56.3 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 8    | 23     | 24     | 1.778     | -0.18     | 2.963 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 56.3 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 8    | 33     | 24     | 1.778     | -0.161    | 2.966 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 55   | 160        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 25  | 8    | 43     | 24     | 1.762     | -0.184    | 2.966 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 56.3 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 8    | 53     | 24     | 1.791     | -0.171    | 2.966 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 56.3 | 161        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 25  | 9    | 3      | 24     | 1.785     | -0.19     | 2.966 | 0.013     | 0.01      | 0         | 53.3 | 55.9 | 55.9 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 9    | 13     | 24     | 1.795     | -0.174    | 2.966 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 56.3 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 9    | 23     | 24     | 1.759     | -0.18     | 2.966 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 56.3 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 9    | 33     | 24     | 1.752     | -0.24     | 2.966 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 56.3 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 9    | 43     | 24     | 1.778     | -0.138    | 2.966 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 56.8 | 160        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 25  | 9    | 53     | 24     | 1.785     | -0.2      | 2.969 | 0.016     | 0.016     | 0         | 52.9 | 54.6 | 55   | 159        | 165        | 0          | 36     | 38     |
| 2009 | 6     | 25  | 10   | 3      | 24     | 1.772     | -0.203    | 2.969 | 0.016     | 0.016     | 0         | 52.9 | 55   | 56.3 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 10   | 13     | 24     | 1.778     | -0.184    | 2.969 | 0.016     | 0.013     | 0         | 52.5 | 55   | 57.2 | 159        | 165        | 0          | 37     | 37     |
| 2009 | 6     | 25  | 10   | 23     | 24     | 1.768     | -0.157    | 2.966 | 0.016     | 0.016     | 0         | 54.2 | 55.5 | 55   | 161        | 167        | 0          | 35     | 38     |
| 2009 | 6     | 25  | 10   | 33     | 24     | 1.775     | -0.141    | 2.969 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 56.8 | 159        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 25  | 10   | 43     | 24     | 1.775     | -0.154    | 2.969 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 56.3 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 10   | 53     | 24     | 1.719     | -0.161    | 2.969 | 0.016     | 0.013     | 0         | 53.8 | 55.5 | 55.9 | 160        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 25  | 11   | 3      | 24     | 1.745     | -0.151    | 2.969 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 55.9 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 11   | 13     | 24     | 1.791     | -0.197    | 2.969 | 0.013     | 0.01      | 0         | 53.8 | 55.9 | 55.9 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 11   | 23     | 24     | 1.788     | -0.102    | 2.969 | 0.016     | 0.013     | 0         | 53.8 | 55.5 | 56.8 | 160        | 167        | 0          | 35     | 38     |
| 2009 | 6     | 25  | 11   | 33     | 24     | 1.768     | -0.112    | 2.969 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 55.5 | 160        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 25  | 11   | 43     | 24     | 1.749     | -0.187    | 2.969 | 0.013     | 0.01      | 0         | 52.9 | 55   | 56.3 | 159        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 25  | 11   | 53     | 24     | 1.726     | -0.059    | 2.969 | 0.013     | 0.01      | 0         | 52.9 | 55   | 55.9 | 159        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 25  | 12   | 3      | 24     | 1.804     | -0.138    | 2.969 | 0.016     | 0.013     | 0         | 52.9 | 55.9 | 54.6 | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 25  | 12   | 13     | 24     | 1.732     | -0.148    | 2.969 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 56.3 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 12   | 23     | 24     | 1.716     | -0.171    | 2.969 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 55   | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 12   | 33     | 24     | 1.795     | -0.141    | 2.966 | 0.016     | 0.013     | 0         | 54.6 | 56.3 | 54.6 | 163        | 169        | 0          | 36     | 38     |
| 2009 | 6     | 25  | 12   | 43     | 24     | 1.739     | -0.066    | 2.969 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 55   | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 12   | 53     | 24     | 1.749     | -0.108    | 2.969 | 0.016     | 0.016     | 0         | 55   | 57.6 | 55   | 164        | 170        | 0          | 36     | 36     |
| 2009 | 6     | 25  | 13   | 3      | 24     | 1.752     | -0.118    | 2.969 | 0.02      | 0.016     | 0         | 55.9 | 58   | 53.8 | 165        | 171        | 0          | 35     | 36     |
| 2009 | 6     | 25  | 13   | 13     | 24     | 1.762     | -0.135    | 2.969 | 0.016     | 0.013     | 0         | 55.5 | 57.6 | 55   | 165        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 13   | 23     | 24     | 1.768     | -0.138    | 2.969 | 0.016     | 0.013     | 0         | 55   | 57.6 | 55.5 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 13   | 33     | 24     | 1.762     | -0.102    | 2.969 | 0.013     | 0.01      | 0         | 55.9 | 58   | 53.3 | 165        | 172        | 0          | 35     | 37     |
| 2009 | 6     | 25  | 13   | 43     | 24     | 1.749     | -0.164    | 2.969 | 0.016     | 0.016     | 0         | 54.6 | 57.2 | 54.6 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 13   | 53     | 24     | 1.706     | -0.112    | 2.966 | 0.016     | 0.013     | 0         | 55   | 57.6 | 53.8 | 164        | 171        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 14   | 3      | 24     | 1.719     | -0.105    | 2.969 | 0.016     | 0.016     | 0         | 55   | 57.2 | 53.8 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 14   | 13     | 24     | 1.759     | -0.085    | 2.969 | 0.016     | 0.013     | 0         | 56.3 | 58.5 | 53.8 | 166        | 173        | 0          | 35     | 37     |
| 2009 | 6     | 25  | 14   | 23     | 24     | 1.755     | -0.118    | 2.969 | 0.016     | 0.013     | 0         | 56.8 | 58.5 | 53.3 | 167        | 173        | 0          | 35     | 37     |
| 2009 | 6     | 25  | 14   | 33     | 24     | 1.722     | -0.095    | 2.969 | 0.016     | 0.013     | 0         | 55.5 | 58   | 54.6 | 165        | 172        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 14   | 43     | 24     | 1.732     | -0.082    | 2.969 | 0.016     | 0.016     | 0         | 55.9 | 57.6 | 54.6 | 165        | 171        | 0          | 35     | 37     |
| 2009 | 6     | 25  | 14   | 53     | 24     | 1.732     | -0.082    | 2.972 | 0.016     | 0.013     | 0         | 55   | 57.2 | 56.3 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 15   | 3      | 24     | 1.739     | -0.095    | 2.972 | 0.016     | 0.013     | 0         | 55.5 | 57.2 | 56.3 | 164        | 170        | 0          | 35     | 37     |
| 2009 | 6     | 25  | 15   | 13     | 24     | 1.752     | -0.089    | 2.969 | 0.016     | 0.013     | 0         | 55   | 57.2 | 55.9 | 164        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 15   | 23     | 24     | 1.719     | -0.112    | 2.969 | 0.016     | 0.013     | 0         | 54.6 | 57.2 | 53.3 | 163        | 170        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 15   | 33     | 24     | 1.791     | -0.095    | 2.972 | 0.01      | 0.007     | 0         | 54.6 | 56.8 | 55.5 | 163        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 15   | 43     | 24     | 1.745     | -0.089    | 2.969 | 0.016     | 0.013     | 0         | 54.2 | 56.8 | 54.2 | 162        | 169        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 15   | 53     | 24     | 1.713     | -0.108    | 2.972 | 0.016     | 0.013     | 0         | 54.2 | 56.8 | 57.2 | 161        | 168        | 0          | 35     | 36     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 25  | 16   | 3      | 24     | 1.772     | -0.079    | 2.972 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 55.9 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 16   | 13     | 24     | 1.726     | -0.072    | 2.972 | 0.013     | 0.01      | 0         | 53.8 | 56.3 | 56.3 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 16   | 23     | 24     | 1.745     | -0.098    | 2.969 | 0.016     | 0.013     | 0         | 54.2 | 56.8 | 56.3 | 162        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 25  | 16   | 33     | 24     | 1.736     | -0.184    | 2.972 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 55.9 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 16   | 43     | 24     | 1.729     | -0.079    | 2.972 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 55.5 | 161        | 168        | 0          | 35     | 37     |
| 2009 | 6     | 25  | 16   | 53     | 24     | 1.729     | -0.112    | 2.969 | 0.02      | 0.016     | 0         | 53.8 | 56.3 | 55.9 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 17   | 3      | 24     | 1.719     | -0.092    | 2.969 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 56.3 | 160        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 25  | 17   | 13     | 24     | 1.818     | -0.095    | 2.969 | 0.02      | 0.016     | 0         | 53.3 | 55.5 | 55.5 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 17   | 23     | 24     | 1.739     | -0.138    | 2.972 | 0.02      | 0.016     | 0         | 53.8 | 55.5 | 56.3 | 160        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 25  | 17   | 33     | 24     | 1.765     | -0.105    | 2.972 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 55.9 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 17   | 43     | 24     | 1.762     | -0.131    | 2.976 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 55   | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 17   | 53     | 24     | 1.755     | -0.069    | 2.972 | 0.013     | 0.01      | 0         | 53.3 | 55.5 | 55   | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 18   | 3      | 24     | 1.732     | -0.082    | 2.972 | 0.013     | 0.01      | 0         | 53.3 | 55.5 | 57.6 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 18   | 13     | 24     | 1.772     | -0.085    | 2.976 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 55.9 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 18   | 23     | 24     | 1.768     | -0.112    | 2.976 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 55.9 | 160        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 25  | 18   | 33     | 24     | 1.759     | -0.108    | 2.972 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 55.9 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 18   | 43     | 24     | 1.788     | -0.052    | 2.972 | 0.016     | 0.013     | 0         | 52.5 | 55.5 | 55   | 158        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 18   | 53     | 24     | 1.755     | -0.108    | 2.976 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 56.8 | 159        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 25  | 19   | 3      | 24     | 1.762     | -0.131    | 2.979 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 55   | 159        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 25  | 19   | 13     | 24     | 1.781     | -0.108    | 2.979 | 0.016     | 0.013     | 0         | 52.9 | 55   | 55.9 | 158        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 25  | 19   | 23     | 24     | 1.749     | -0.135    | 2.979 | 0.016     | 0.013     | 0         | 52.9 | 55   | 56.3 | 158        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 25  | 19   | 33     | 24     | 1.745     | -0.171    | 2.979 | 0.02      | 0.016     | 0         | 52.5 | 55   | 56.8 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 19   | 43     | 24     | 1.755     | -0.118    | 2.979 | 0.016     | 0.016     | 0         | 52.9 | 55   | 56.3 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 19   | 53     | 24     | 1.759     | -0.121    | 2.982 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 56.8 | 159        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 25  | 20   | 3      | 24     | 1.765     | -0.177    | 2.982 | 0.013     | 0.01      | 0         | 53.3 | 55   | 56.8 | 159        | 166        | 0          | 35     | 38     |
| 2009 | 6     | 25  | 20   | 13     | 24     | 1.755     | -0.125    | 2.982 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 56.8 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 20   | 23     | 24     | 1.745     | -0.121    | 2.982 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 55   | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 20   | 33     | 24     | 1.745     | -0.062    | 2.982 | 0.016     | 0.016     | 0         | 52.9 | 55.9 | 57.2 | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 25  | 20   | 43     | 24     | 1.775     | -0.187    | 2.982 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 56.8 | 159        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 25  | 20   | 53     | 24     | 1.749     | -0.125    | 2.986 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 56.8 | 159        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 25  | 21   | 3      | 24     | 1.788     | -0.203    | 2.986 | 0.016     | 0.013     | 0         | 52.5 | 55.5 | 56.8 | 158        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 25  | 21   | 13     | 24     | 1.791     | -0.089    | 2.986 | 0.02      | 0.016     | 0         | 52   | 55   | 56.8 | 158        | 165        | 0          | 37     | 37     |
| 2009 | 6     | 25  | 21   | 23     | 24     | 1.759     | -0.154    | 2.986 | 0.016     | 0.013     | 0         | 52.5 | 55.5 | 57.2 | 158        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 25  | 21   | 33     | 24     | 1.739     | -0.144    | 2.986 | 0.016     | 0.013     | 0         | 52.9 | 55   | 56.3 | 158        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 25  | 21   | 43     | 24     | 1.781     | -0.19     | 2.986 | 0.016     | 0.013     | 0         | 52.9 | 54.6 | 56.3 | 158        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 25  | 21   | 53     | 24     | 1.791     | -0.148    | 2.989 | 0.013     | 0.01      | 0         | 52   | 55.5 | 58   | 157        | 164        | 0          | 36     | 35     |
| 2009 | 6     | 25  | 22   | 3      | 24     | 1.791     | -0.115    | 2.986 | 0.016     | 0.016     | 0         | 52.5 | 55   | 57.2 | 157        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 25  | 22   | 13     | 24     | 1.768     | -0.131    | 2.989 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 55.9 | 158        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 22   | 23     | 24     | 1.785     | -0.121    | 2.989 | 0.016     | 0.013     | 0         | 52.9 | 54.6 | 58.5 | 158        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 25  | 22   | 33     | 24     | 1.749     | -0.148    | 2.989 | 0.016     | 0.013     | 0         | 53.3 | 56.3 | 57.6 | 160        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 25  | 22   | 43     | 24     | 1.821     | -0.167    | 2.989 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 57.6 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 25  | 22   | 53     | 24     | 1.801     | -0.118    | 2.989 | 0.016     | 0.013     | 0         | 53.3 | 56.3 | 57.2 | 160        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 25  | 23   | 3      | 24     | 1.801     | -0.177    | 2.989 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 57.2 | 160        | 167        | 0          | 35     | 37     |
| 2009 | 6     | 25  | 23   | 13     | 24     | 1.798     | -0.167    | 2.989 | 0.013     | 0.01      | 0         | 53.3 | 56.3 | 57.2 | 160        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 25  | 23   | 23     | 24     | 1.765     | -0.187    | 2.989 | 0.013     | 0.01      | 0         | 53.8 | 55.9 | 57.6 | 160        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 25  | 23   | 33     | 24     | 1.772     | -0.161    | 2.989 | 0.013     | 0.01      | 0         | 53.8 | 56.3 | 57.2 | 160        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 25  | 23   | 43     | 24     | 1.762     | -0.18     | 2.989 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 58.5 | 160        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 25  | 23   | 53     | 24     | 1.775     | -0.197    | 2.989 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 57.6 | 160        | 166        | 0          | 36     | 36     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 26  | 0    | 3      | 24     | 1.781     | -0.128    | 2.989 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 57.6 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 0    | 13     | 24     | 1.736     | -0.131    | 2.989 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 56.8 | 159        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 26  | 0    | 23     | 24     | 1.785     | -0.148    | 2.989 | 0.013     | 0.01      | 0         | 52.9 | 55.5 | 58   | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 0    | 33     | 24     | 1.785     | -0.164    | 2.989 | 0.016     | 0.013     | 0         | 52.9 | 55.9 | 56.8 | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 26  | 0    | 43     | 24     | 1.765     | -0.207    | 2.989 | 0.016     | 0.013     | 0         | 52.9 | 55.9 | 58.5 | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 26  | 0    | 53     | 24     | 1.768     | -0.184    | 2.989 | 0.016     | 0.013     | 0         | 52.9 | 55   | 58   | 159        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 26  | 1    | 3      | 24     | 1.759     | -0.164    | 2.989 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 58.5 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 1    | 13     | 24     | 1.778     | -0.154    | 2.989 | 0.013     | 0.01      | 0         | 52.9 | 55.9 | 58   | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 26  | 1    | 23     | 24     | 1.821     | -0.128    | 2.989 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 58.9 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 1    | 33     | 24     | 1.762     | -0.135    | 2.989 | 0.016     | 0.013     | 0         | 52.9 | 55.9 | 58   | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 26  | 1    | 43     | 24     | 1.755     | -0.121    | 2.989 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 57.2 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 1    | 53     | 24     | 1.762     | -0.151    | 2.989 | 0.016     | 0.013     | 0         | 53.8 | 55.5 | 57.6 | 160        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 26  | 2    | 3      | 24     | 1.785     | -0.154    | 2.989 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 57.6 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 2    | 13     | 24     | 1.788     | -0.141    | 2.989 | 0.016     | 0.013     | 0         | 53.3 | 55   | 58.9 | 159        | 166        | 0          | 35     | 38     |
| 2009 | 6     | 26  | 2    | 23     | 24     | 1.772     | -0.108    | 2.989 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 58.9 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 2    | 33     | 24     | 1.778     | -0.157    | 2.989 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 58   | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 2    | 43     | 24     | 1.785     | -0.131    | 2.989 | 0.013     | 0.01      | 0         | 53.3 | 55.5 | 58.9 | 159        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 26  | 2    | 53     | 24     | 1.768     | -0.154    | 2.989 | 0.013     | 0.01      | 0         | 53.3 | 55.5 | 58.9 | 159        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 26  | 3    | 3      | 24     | 1.742     | -0.135    | 2.989 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 58.5 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 3    | 13     | 24     | 1.775     | -0.157    | 2.989 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 58.5 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 3    | 23     | 24     | 1.788     | -0.184    | 2.989 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 58   | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 3    | 33     | 24     | 1.778     | -0.131    | 2.992 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 59.3 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 3    | 43     | 24     | 1.732     | -0.118    | 2.989 | 0.013     | 0.01      | 0         | 53.3 | 55.5 | 58.5 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 3    | 53     | 24     | 1.762     | -0.121    | 2.989 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 58.9 | 160        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 26  | 4    | 3      | 24     | 1.729     | -0.079    | 2.989 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 57.6 | 159        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 26  | 4    | 13     | 24     | 1.768     | -0.141    | 2.989 | 0.013     | 0.01      | 0         | 53.3 | 55.5 | 58.9 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 4    | 23     | 24     | 1.778     | -0.157    | 2.989 | 0.013     | 0.01      | 0         | 53.3 | 55.9 | 58.5 | 160        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 26  | 4    | 33     | 24     | 1.778     | -0.112    | 2.989 | 0.013     | 0.01      | 0         | 53.8 | 55.5 | 58   | 160        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 26  | 4    | 43     | 24     | 1.768     | -0.154    | 2.989 | 0.016     | 0.013     | 0         | 53.3 | 56.3 | 58.5 | 160        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 26  | 4    | 53     | 24     | 1.762     | -0.085    | 2.989 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 57.6 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 5    | 3      | 24     | 1.791     | -0.151    | 2.989 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 58.9 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 5    | 13     | 24     | 1.772     | -0.164    | 2.989 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 58.5 | 160        | 167        | 0          | 35     | 37     |
| 2009 | 6     | 26  | 5    | 23     | 24     | 1.722     | -0.082    | 2.989 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 58   | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 5    | 33     | 24     | 1.785     | -0.118    | 2.989 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 57.6 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 5    | 43     | 24     | 1.732     | -0.131    | 2.989 | 0.016     | 0.016     | 0         | 53.8 | 55.5 | 57.6 | 161        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 26  | 5    | 53     | 24     | 1.808     | -0.148    | 2.989 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 58   | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 6    | 3      | 24     | 1.742     | -0.141    | 2.989 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 58.5 | 161        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 26  | 6    | 13     | 24     | 1.775     | -0.125    | 2.992 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 57.6 | 162        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 6    | 23     | 24     | 1.762     | -0.167    | 2.992 | 0.013     | 0.01      | 0         | 54.2 | 56.3 | 58   | 161        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 26  | 6    | 33     | 24     | 1.732     | -0.207    | 2.992 | 0.016     | 0.016     | 0         | 53.3 | 56.3 | 58.5 | 160        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 26  | 6    | 43     | 24     | 1.762     | -0.141    | 2.992 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 58.5 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 6    | 53     | 24     | 1.755     | -0.197    | 2.989 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 59.3 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 7    | 3      | 24     | 1.768     | -0.187    | 2.989 | 0.016     | 0.016     | 0         | 53.3 | 56.3 | 58   | 161        | 168        | 0          | 37     | 37     |
| 2009 | 6     | 26  | 7    | 13     | 24     | 1.791     | -0.154    | 2.992 | 0.013     | 0.01      | 0         | 53.8 | 55.9 | 58   | 160        | 167        | 0          | 35     | 37     |
| 2009 | 6     | 26  | 7    | 23     | 24     | 1.742     | -0.151    | 2.992 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 56.8 | 161        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 7    | 33     | 24     | 1.781     | -0.102    | 2.992 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 56.8 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 7    | 43     | 24     | 1.755     | -0.167    | 2.992 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 58   | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 7    | 53     | 24     | 1.759     | -0.148    | 2.992 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 57.6 | 160        | 166        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 26  | 8    | 3      | 24     | 1.736     | -0.141    | 2.992 | 0.016     | 0.013     | 0         | 52.9 | 55.9 | 58.9 | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 26  | 8    | 13     | 24     | 1.775     | -0.157    | 2.992 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 58   | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 8    | 23     | 24     | 1.778     | -0.171    | 2.992 | 0.013     | 0.01      | 0         | 53.3 | 55.5 | 57.2 | 159        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 26  | 8    | 33     | 24     | 1.755     | -0.197    | 2.992 | 0.016     | 0.013     | 0         | 53.3 | 55   | 57.2 | 159        | 166        | 0          | 35     | 38     |
| 2009 | 6     | 26  | 8    | 43     | 24     | 1.772     | -0.184    | 2.992 | 0.01      | 0.007     | 0         | 53.3 | 55.5 | 58.5 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 8    | 53     | 24     | 1.765     | -0.128    | 2.992 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 58   | 160        | 167        | 0          | 36     | 38     |
| 2009 | 6     | 26  | 9    | 3      | 24     | 1.759     | -0.131    | 2.992 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 58   | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 9    | 13     | 24     | 1.765     | -0.131    | 2.992 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 57.2 | 160        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 26  | 9    | 23     | 24     | 1.762     | -0.161    | 2.992 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 57.2 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 9    | 33     | 24     | 1.765     | -0.141    | 2.992 | 0.016     | 0.013     | 0         | 52.9 | 55   | 56.8 | 159        | 166        | 0          | 36     | 38     |
| 2009 | 6     | 26  | 9    | 43     | 24     | 1.762     | -0.161    | 2.992 | 0.016     | 0.016     | 0         | 52.9 | 55.9 | 56.8 | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 26  | 9    | 53     | 24     | 1.765     | -0.167    | 2.992 | 0.016     | 0.013     | 0         | 53.3 | 56.3 | 57.2 | 160        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 26  | 10   | 3      | 24     | 1.778     | -0.154    | 2.992 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 57.6 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 10   | 13     | 24     | 1.742     | -0.177    | 2.992 | 0.013     | 0.01      | 0         | 53.3 | 55.5 | 58.5 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 10   | 23     | 24     | 1.775     | -0.164    | 2.992 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 56.8 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 10   | 33     | 24     | 1.785     | -0.131    | 2.992 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 56.3 | 159        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 26  | 10   | 43     | 24     | 1.759     | -0.108    | 2.992 | 0.01      | 0.007     | 0         | 52.9 | 55.5 | 57.6 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 10   | 53     | 24     | 1.778     | -0.167    | 2.992 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 57.2 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 11   | 3      | 24     | 1.745     | -0.157    | 2.995 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 58   | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 11   | 13     | 24     | 1.788     | -0.157    | 2.992 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 57.6 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 11   | 23     | 24     | 1.772     | -0.085    | 2.995 | 0.016     | 0.013     | 0         | 52.9 | 55   | 57.2 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 11   | 33     | 24     | 1.791     | -0.141    | 2.995 | 0.013     | 0.01      | 0         | 52.9 | 55.5 | 58.5 | 159        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 26  | 11   | 43     | 24     | 1.752     | -0.144    | 2.995 | 0.023     | 0.02      | 0         | 53.3 | 55   | 57.6 | 159        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 26  | 11   | 53     | 24     | 1.778     | -0.135    | 2.995 | 0.016     | 0.016     | 0         | 53.3 | 55   | 58   | 159        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 26  | 12   | 3      | 24     | 1.788     | -0.203    | 2.995 | 0.016     | 0.013     | 0         | 52.9 | 55   | 57.6 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 12   | 13     | 24     | 1.795     | -0.062    | 2.995 | 0.016     | 0.013     | 0         | 52.9 | 55   | 57.6 | 158        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 26  | 12   | 23     | 24     | 1.791     | -0.105    | 2.995 | 0.016     | 0.013     | 0         | 52.5 | 55   | 58.5 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 12   | 33     | 24     | 1.762     | -0.125    | 2.995 | 0.016     | 0.016     | 0         | 52.5 | 55   | 58.5 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 12   | 43     | 24     | 1.768     | -0.174    | 2.995 | 0.02      | 0.016     | 0         | 52.5 | 55   | 57.6 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 12   | 53     | 24     | 1.762     | -0.118    | 2.995 | 0.016     | 0.013     | 0         | 52.5 | 55   | 57.2 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 13   | 3      | 24     | 1.765     | -0.135    | 2.995 | 0.016     | 0.013     | 0         | 52.5 | 55   | 57.2 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 13   | 13     | 24     | 1.821     | -0.108    | 2.995 | 0.016     | 0.016     | 0         | 52.5 | 54.6 | 57.6 | 157        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 26  | 13   | 23     | 24     | 1.749     | -0.144    | 2.999 | 0.016     | 0.016     | 0         | 52.9 | 54.6 | 58.5 | 158        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 26  | 13   | 33     | 24     | 1.778     | -0.174    | 2.999 | 0.016     | 0.016     | 0         | 52.9 | 54.6 | 59.3 | 158        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 26  | 13   | 43     | 24     | 1.811     | -0.151    | 2.999 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 56.8 | 158        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 13   | 53     | 24     | 1.739     | -0.141    | 2.999 | 0.016     | 0.016     | 0         | 52.5 | 55   | 58   | 158        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 26  | 14   | 3      | 24     | 1.795     | -0.171    | 2.999 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 56.8 | 158        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 14   | 13     | 24     | 1.768     | -0.171    | 2.999 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 58.9 | 158        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 14   | 23     | 24     | 1.791     | -0.135    | 2.999 | 0.016     | 0.016     | 0         | 52   | 54.6 | 57.6 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 14   | 33     | 24     | 1.762     | -0.095    | 2.999 | 0.016     | 0.016     | 0         | 52.5 | 54.6 | 57.6 | 157        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 26  | 14   | 43     | 24     | 1.798     | -0.203    | 2.999 | 0.013     | 0.01      | 0         | 52   | 55   | 56.8 | 157        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 26  | 14   | 53     | 24     | 1.775     | -0.171    | 2.999 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 57.6 | 158        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 15   | 3      | 24     | 1.752     | -0.148    | 3.002 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 58.5 | 158        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 15   | 13     | 24     | 1.765     | -0.128    | 3.002 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 57.6 | 157        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 26  | 15   | 23     | 24     | 1.768     | -0.098    | 3.002 | 0.013     | 0.01      | 0         | 51.6 | 54.6 | 56.8 | 157        | 164        | 0          | 37     | 37     |
| 2009 | 6     | 26  | 15   | 33     | 24     | 1.742     | -0.125    | 3.002 | 0.016     | 0.016     | 0         | 52   | 54.6 | 58.5 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 15   | 43     | 24     | 1.755     | -0.171    | 3.002 | 0.016     | 0.013     | 0         | 52   | 54.6 | 57.2 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 15   | 53     | 24     | 1.759     | -0.131    | 3.002 | 0.016     | 0.013     | 0         | 52.5 | 55   | 57.2 | 157        | 164        | 0          | 35     | 36     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 26  | 16   | 3      | 24     | 1.778     | -0.151    | 3.002 | 0.016     | 0.013     | 0         | 52   | 54.6 | 55.9 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 16   | 13     | 24     | 1.765     | -0.141    | 3.005 | 0.016     | 0.013     | 0         | 52   | 55   | 57.6 | 157        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 26  | 16   | 23     | 24     | 1.808     | -0.128    | 3.005 | 0.016     | 0.013     | 0         | 52   | 54.6 | 57.6 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 16   | 33     | 24     | 1.739     | -0.203    | 3.005 | 0.013     | 0.01      | 0         | 52   | 54.6 | 56.8 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 16   | 43     | 24     | 1.759     | -0.138    | 3.005 | 0.016     | 0.013     | 0         | 52   | 55   | 57.6 | 157        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 26  | 16   | 53     | 24     | 1.759     | -0.108    | 3.005 | 0.016     | 0.013     | 0         | 52   | 54.6 | 57.6 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 17   | 3      | 24     | 1.765     | -0.203    | 3.005 | 0.016     | 0.016     | 0         | 52.9 | 54.6 | 56.8 | 158        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 26  | 17   | 13     | 24     | 1.781     | -0.121    | 3.005 | 0.016     | 0.016     | 0         | 52   | 54.6 | 56.8 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 17   | 23     | 24     | 1.768     | -0.154    | 3.005 | 0.016     | 0.013     | 0         | 52   | 54.6 | 56.3 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 17   | 33     | 24     | 1.736     | -0.164    | 3.009 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 57.6 | 157        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 26  | 17   | 43     | 24     | 1.772     | -0.157    | 3.009 | 0.016     | 0.013     | 0         | 52   | 54.6 | 55.9 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 17   | 53     | 24     | 1.775     | -0.154    | 3.009 | 0.016     | 0.013     | 0         | 51.6 | 55   | 56.8 | 157        | 164        | 0          | 37     | 36     |
| 2009 | 6     | 26  | 18   | 3      | 24     | 1.745     | -0.118    | 3.012 | 0.016     | 0.013     | 0         | 52   | 55   | 58   | 157        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 26  | 18   | 13     | 24     | 1.778     | -0.115    | 3.009 | 0.013     | 0.01      | 0         | 52   | 55   | 56.3 | 157        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 26  | 18   | 23     | 24     | 1.818     | -0.167    | 3.012 | 0.016     | 0.016     | 0         | 52.5 | 55   | 55.5 | 157        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 26  | 18   | 33     | 24     | 1.785     | -0.151    | 3.012 | 0.016     | 0.013     | 0         | 52   | 54.6 | 55.5 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 18   | 43     | 24     | 1.804     | -0.141    | 3.012 | 0.016     | 0.013     | 0         | 52.5 | 55   | 57.6 | 157        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 26  | 18   | 53     | 24     | 1.791     | -0.112    | 3.015 | 0.016     | 0.013     | 0         | 52   | 54.6 | 56.3 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 19   | 3      | 24     | 1.785     | -0.154    | 3.015 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 55.9 | 157        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 26  | 19   | 13     | 24     | 1.808     | -0.151    | 3.015 | 0.016     | 0.013     | 0         | 52   | 54.6 | 56.3 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 19   | 23     | 24     | 1.759     | -0.177    | 3.018 | 0.016     | 0.016     | 0         | 52.5 | 55   | 57.2 | 157        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 26  | 19   | 33     | 24     | 1.785     | -0.135    | 3.022 | 0.016     | 0.016     | 0         | 52.5 | 55   | 55.5 | 157        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 26  | 19   | 43     | 24     | 1.785     | -0.085    | 3.022 | 0.016     | 0.016     | 0         | 52   | 55   | 56.3 | 157        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 26  | 19   | 53     | 24     | 1.775     | -0.174    | 3.022 | 0.016     | 0.013     | 0         | 52   | 54.6 | 55.9 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 20   | 3      | 24     | 1.808     | -0.118    | 3.025 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 55.5 | 157        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 26  | 20   | 13     | 24     | 1.749     | -0.167    | 3.025 | 0.013     | 0.01      | 0         | 52.5 | 54.6 | 56.8 | 157        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 26  | 20   | 23     | 24     | 1.759     | -0.108    | 3.028 | 0.016     | 0.013     | 0         | 52.5 | 54.2 | 58   | 157        | 163        | 0          | 35     | 37     |
| 2009 | 6     | 26  | 20   | 33     | 24     | 1.775     | -0.121    | 3.025 | 0.02      | 0.016     | 0         | 52   | 54.6 | 56.3 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 20   | 43     | 24     | 1.801     | -0.151    | 3.028 | 0.016     | 0.013     | 0         | 52.5 | 54.2 | 58.5 | 157        | 163        | 0          | 35     | 37     |
| 2009 | 6     | 26  | 20   | 53     | 24     | 1.768     | -0.171    | 3.028 | 0.016     | 0.013     | 0         | 52   | 54.6 | 56.8 | 157        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 26  | 21   | 3      | 24     | 1.785     | -0.115    | 3.031 | 0.016     | 0.013     | 0         | 52   | 54.6 | 58   | 157        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 26  | 21   | 13     | 24     | 1.762     | -0.157    | 3.031 | 0.016     | 0.016     | 0         | 52   | 54.2 | 58   | 157        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 21   | 23     | 24     | 1.798     | -0.138    | 3.031 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 57.2 | 157        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 26  | 21   | 33     | 24     | 1.772     | -0.098    | 3.031 | 0.016     | 0.013     | 0         | 52   | 55   | 57.6 | 157        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 26  | 21   | 43     | 24     | 1.804     | -0.18     | 3.031 | 0.016     | 0.013     | 0         | 52   | 54.6 | 58.9 | 157        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 26  | 21   | 53     | 24     | 1.798     | -0.154    | 3.035 | 0.016     | 0.016     | 0         | 52   | 54.2 | 59.3 | 156        | 163        | 0          | 35     | 37     |
| 2009 | 6     | 26  | 22   | 3      | 24     | 1.739     | -0.167    | 3.035 | 0.013     | 0.01      | 0         | 52.5 | 54.6 | 59.3 | 157        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 26  | 22   | 13     | 24     | 1.781     | -0.167    | 3.035 | 0.016     | 0.013     | 0         | 52   | 54.6 | 59.3 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 22   | 23     | 24     | 1.772     | -0.128    | 3.035 | 0.016     | 0.013     | 0         | 52   | 54.6 | 58.5 | 156        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 26  | 22   | 33     | 24     | 1.775     | -0.154    | 3.035 | 0.016     | 0.013     | 0         | 52   | 54.6 | 60.6 | 157        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 26  | 22   | 43     | 24     | 1.768     | -0.098    | 3.035 | 0.016     | 0.013     | 0         | 52   | 55   | 59.3 | 157        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 26  | 22   | 53     | 24     | 1.762     | -0.138    | 3.035 | 0.016     | 0.013     | 0         | 52   | 54.6 | 59.3 | 157        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 26  | 23   | 3      | 24     | 1.844     | -0.128    | 3.035 | 0.013     | 0.01      | 0         | 52.5 | 54.2 | 58   | 157        | 163        | 0          | 35     | 37     |
| 2009 | 6     | 26  | 23   | 13     | 24     | 1.798     | -0.118    | 3.038 | 0.016     | 0.016     | 0         | 52.5 | 54.2 | 59.3 | 157        | 163        | 0          | 35     | 37     |
| 2009 | 6     | 26  | 23   | 23     | 24     | 1.775     | -0.157    | 3.038 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 58.9 | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 23   | 33     | 24     | 1.795     | -0.135    | 3.038 | 0.016     | 0.013     | 0         | 52   | 54.2 | 58.9 | 157        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 26  | 23   | 43     | 24     | 1.788     | -0.148    | 3.038 | 0.016     | 0.013     | 0         | 52   | 54.6 | 59.8 | 157        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 26  | 23   | 53     | 24     | 1.736     | -0.135    | 3.038 | 0.013     | 0.01      | 0         | 52.5 | 55   | 60.2 | 157        | 164        | 0          | 35     | 36     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 27  | 0    | 3      | 24     | 1.781     | -0.125    | 3.038 | 0.016     | 0.016     | 0         | 52   | 54.6 | 59.8 | 156        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 27  | 0    | 13     | 24     | 1.824     | -0.141    | 3.038 | 0.016     | 0.013     | 0         | 51.6 | 54.6 | 59.8 | 156        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 27  | 0    | 23     | 24     | 1.775     | -0.112    | 3.038 | 0.016     | 0.013     | 0         | 51.6 | 54.6 | 58.9 | 156        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 27  | 0    | 33     | 24     | 1.791     | -0.135    | 3.038 | 0.016     | 0.013     | 0         | 52   | 55   | 58   | 156        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 27  | 0    | 43     | 24     | 1.801     | -0.135    | 3.041 | 0.016     | 0.016     | 0         | 52.5 | 54.6 | 59.3 | 157        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 27  | 0    | 53     | 24     | 1.745     | -0.125    | 3.041 | 0.013     | 0.01      | 0         | 52.5 | 55   | 58.5 | 157        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 27  | 1    | 3      | 24     | 1.785     | -0.19     | 3.041 | 0.016     | 0.013     | 0         | 52.5 | 55   | 58.9 | 157        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 27  | 1    | 13     | 24     | 1.801     | -0.144    | 3.041 | 0.016     | 0.013     | 0         | 52.5 | 55   | 59.3 | 157        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 27  | 1    | 23     | 24     | 1.791     | -0.138    | 3.041 | 0.016     | 0.016     | 0         | 52.5 | 54.2 | 59.8 | 157        | 163        | 0          | 35     | 37     |
| 2009 | 6     | 27  | 1    | 33     | 24     | 1.768     | -0.118    | 3.041 | 0.016     | 0.013     | 0         | 52.5 | 55   | 58.5 | 158        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 27  | 1    | 43     | 24     | 1.785     | -0.177    | 3.041 | 0.016     | 0.016     | 0         | 52.5 | 55   | 58.5 | 157        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 27  | 1    | 53     | 24     | 1.798     | -0.174    | 3.041 | 0.016     | 0.013     | 0         | 52.5 | 55   | 59.8 | 158        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 27  | 2    | 3      | 24     | 1.752     | -0.102    | 3.041 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 58.5 | 158        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 27  | 2    | 13     | 24     | 1.749     | -0.125    | 3.041 | 0.016     | 0.013     | 0         | 52.9 | 55   | 58.9 | 158        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 27  | 2    | 23     | 24     | 1.775     | -0.121    | 3.041 | 0.016     | 0.013     | 0         | 52.5 | 55   | 57.6 | 158        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 27  | 2    | 33     | 24     | 1.788     | -0.108    | 3.041 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 57.6 | 158        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 2    | 43     | 24     | 1.772     | -0.141    | 3.041 | 0.013     | 0.01      | 0         | 52.5 | 55.5 | 58.5 | 158        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 27  | 2    | 53     | 24     | 1.752     | -0.151    | 3.041 | 0.016     | 0.016     | 0         | 52.9 | 54.6 | 56.8 | 158        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 27  | 3    | 3      | 24     | 1.765     | -0.154    | 3.045 | 0.016     | 0.013     | 0         | 52.9 | 55   | 58   | 158        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 27  | 3    | 13     | 24     | 1.798     | -0.144    | 3.045 | 0.016     | 0.013     | 0         | 52.9 | 55   | 57.2 | 158        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 27  | 3    | 23     | 24     | 1.752     | -0.135    | 3.045 | 0.016     | 0.013     | 0         | 52.5 | 55.5 | 56.8 | 158        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 27  | 3    | 33     | 24     | 1.785     | -0.128    | 3.045 | 0.013     | 0.01      | 0         | 53.3 | 55.9 | 57.6 | 159        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 27  | 3    | 43     | 24     | 1.752     | -0.069    | 3.045 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 56.3 | 159        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 27  | 3    | 53     | 24     | 1.772     | -0.128    | 3.048 | 0.016     | 0.013     | 0         | 53.3 | 55   | 56.3 | 159        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 27  | 4    | 3      | 24     | 1.801     | -0.138    | 3.048 | 0.016     | 0.013     | 0         | 52.9 | 55   | 56.3 | 158        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 27  | 4    | 13     | 24     | 1.765     | -0.112    | 3.048 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 56.8 | 159        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 27  | 4    | 23     | 24     | 1.772     | -0.115    | 3.051 | 0.013     | 0.01      | 0         | 52.9 | 55.5 | 57.2 | 158        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 27  | 4    | 33     | 24     | 1.762     | -0.151    | 3.054 | 0.013     | 0.01      | 0         | 52.9 | 55   | 55.5 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 4    | 43     | 24     | 1.778     | -0.154    | 3.058 | 0.016     | 0.013     | 0         | 52.9 | 55   | 57.2 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 4    | 53     | 24     | 1.821     | -0.154    | 3.058 | 0.013     | 0.01      | 0         | 52.9 | 55   | 55.9 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 5    | 3      | 24     | 1.765     | -0.154    | 3.058 | 0.016     | 0.013     | 0         | 52.5 | 55.5 | 55.9 | 159        | 166        | 0          | 37     | 37     |
| 2009 | 6     | 27  | 5    | 13     | 24     | 1.762     | -0.177    | 3.061 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 55.9 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 5    | 23     | 24     | 1.795     | -0.128    | 3.061 | 0.013     | 0.01      | 0         | 53.3 | 55.9 | 56.8 | 160        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 27  | 5    | 33     | 24     | 1.811     | -0.144    | 3.061 | 0.016     | 0.013     | 0         | 53.3 | 56.3 | 56.8 | 160        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 27  | 5    | 43     | 24     | 1.791     | -0.079    | 3.064 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 59.3 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 5    | 53     | 24     | 1.795     | -0.141    | 3.064 | 0.02      | 0.016     | 0         | 53.3 | 56.3 | 55.5 | 160        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 27  | 6    | 3      | 24     | 1.765     | -0.082    | 3.064 | 0.013     | 0.01      | 0         | 53.3 | 55.9 | 57.6 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 6    | 13     | 24     | 1.759     | -0.098    | 3.068 | 0.016     | 0.013     | 0         | 53.8 | 56.8 | 58.5 | 161        | 168        | 0          | 36     | 36     |
| 2009 | 6     | 27  | 6    | 23     | 24     | 1.798     | -0.112    | 3.068 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 58.5 | 160        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 27  | 6    | 33     | 24     | 1.778     | -0.121    | 3.068 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 58.9 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 6    | 43     | 24     | 1.768     | -0.22     | 3.068 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 59.8 | 159        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 27  | 6    | 53     | 24     | 1.791     | -0.148    | 3.068 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 59.3 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 7    | 3      | 24     | 1.788     | -0.138    | 3.068 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 58.9 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 7    | 13     | 24     | 1.785     | -0.164    | 3.068 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 59.3 | 159        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 27  | 7    | 23     | 24     | 1.739     | -0.19     | 3.068 | 0.016     | 0.016     | 0         | 52.9 | 55.9 | 58   | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 27  | 7    | 33     | 24     | 1.719     | -0.135    | 3.068 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 58.5 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 7    | 43     | 24     | 1.768     | -0.171    | 3.068 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 59.3 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 7    | 53     | 24     | 1.768     | -0.151    | 3.071 | 0.016     | 0.016     | 0         | 52.9 | 55.9 | 59.3 | 159        | 166        | 0          | 36     | 36     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 27  | 8    | 3      | 24     | 1.752     | -0.141    | 3.071 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 58.5 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 8    | 13     | 24     | 1.785     | -0.131    | 3.071 | 0.013     | 0.01      | 0         | 53.3 | 55.5 | 58.5 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 8    | 23     | 24     | 1.762     | -0.164    | 3.071 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 57.2 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 8    | 33     | 24     | 1.788     | -0.161    | 3.071 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 57.2 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 8    | 43     | 24     | 1.772     | -0.174    | 3.071 | 0.013     | 0.01      | 0         | 52.9 | 55.5 | 58   | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 8    | 53     | 24     | 1.778     | -0.118    | 3.071 | 0.013     | 0.01      | 0         | 52.9 | 55   | 57.6 | 158        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 27  | 9    | 3      | 24     | 1.745     | -0.102    | 3.071 | 0.016     | 0.013     | 0         | 52.5 | 55   | 55.9 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 9    | 13     | 24     | 1.775     | -0.138    | 3.074 | 0.02      | 0.016     | 0         | 52.9 | 55   | 57.2 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 9    | 23     | 24     | 1.768     | -0.197    | 3.074 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 57.2 | 159        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 27  | 9    | 33     | 24     | 1.755     | -0.102    | 3.074 | 0.016     | 0.013     | 0         | 52.9 | 55   | 57.6 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 9    | 43     | 24     | 1.749     | -0.121    | 3.074 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 57.2 | 160        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 27  | 9    | 53     | 24     | 1.742     | -0.121    | 3.074 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 57.6 | 159        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 27  | 10   | 3      | 24     | 1.778     | -0.151    | 3.074 | 0.016     | 0.013     | 0         | 52.9 | 55   | 56.8 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 10   | 13     | 24     | 1.765     | -0.197    | 3.074 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 56.8 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 10   | 23     | 24     | 1.775     | -0.207    | 3.077 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 56.3 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 10   | 33     | 24     | 1.791     | -0.197    | 3.077 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 57.2 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 10   | 43     | 24     | 1.791     | -0.128    | 3.077 | 0.013     | 0.01      | 0         | 53.3 | 56.3 | 56.8 | 160        | 167        | 0          | 36     | 36     |
| 2009 | 6     | 27  | 10   | 53     | 24     | 1.795     | -0.177    | 3.077 | 0.016     | 0.016     | 0         | 53.3 | 55.5 | 57.6 | 160        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 11   | 3      | 24     | 1.811     | -0.148    | 3.077 | 0.016     | 0.013     | 0         | 52.9 | 55.9 | 55.9 | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 27  | 11   | 13     | 24     | 1.781     | -0.19     | 3.077 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 56.3 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 11   | 23     | 24     | 1.736     | -0.184    | 3.081 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 57.2 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 11   | 33     | 24     | 1.765     | -0.194    | 3.081 | 0.016     | 0.013     | 0         | 52.9 | 54.6 | 56.3 | 159        | 165        | 0          | 36     | 38     |
| 2009 | 6     | 27  | 11   | 43     | 24     | 1.768     | -0.141    | 3.084 | 0.013     | 0.01      | 0         | 52.9 | 55.5 | 56.8 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 11   | 53     | 24     | 1.788     | -0.121    | 3.084 | 0.016     | 0.016     | 0         | 52.9 | 55   | 56.3 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 12   | 3      | 24     | 1.795     | -0.194    | 3.084 | 0.016     | 0.013     | 0         | 52.9 | 55   | 55.9 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 12   | 13     | 24     | 1.759     | -0.154    | 3.084 | 0.016     | 0.016     | 0         | 52.9 | 55   | 55.9 | 158        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 27  | 12   | 23     | 24     | 1.742     | -0.154    | 3.087 | 0.013     | 0.01      | 0         | 52.5 | 55   | 56.3 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 12   | 33     | 24     | 1.745     | -0.141    | 3.087 | 0.016     | 0.013     | 0         | 52.5 | 55   | 55   | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 12   | 43     | 24     | 1.785     | -0.151    | 3.087 | 0.016     | 0.013     | 0         | 52.5 | 55   | 56.8 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 12   | 53     | 24     | 1.785     | -0.161    | 3.087 | 0.016     | 0.013     | 0         | 52   | 54.6 | 57.2 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 13   | 3      | 24     | 1.785     | -0.164    | 3.091 | 0.016     | 0.013     | 0         | 52.5 | 55   | 55.5 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 13   | 13     | 24     | 1.759     | -0.174    | 3.091 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 55   | 159        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 27  | 13   | 23     | 24     | 1.781     | -0.207    | 3.091 | 0.023     | 0.02      | 0         | 52.5 | 54.6 | 56.8 | 157        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 27  | 13   | 33     | 24     | 1.808     | -0.177    | 3.091 | 0.016     | 0.013     | 0         | 53.8 | 56.3 | 56.8 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 13   | 43     | 24     | 1.775     | -0.161    | 3.087 | 0.013     | 0.01      | 0         | 54.6 | 57.2 | 54.6 | 163        | 169        | 0          | 36     | 36     |
| 2009 | 6     | 27  | 13   | 53     | 24     | 1.752     | -0.131    | 3.094 | 0.016     | 0.013     | 0         | 52.9 | 54.6 | 55.9 | 158        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 27  | 14   | 3      | 24     | 1.732     | -0.138    | 3.094 | 0.016     | 0.016     | 0         | 52.5 | 54.6 | 55.9 | 158        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 14   | 13     | 24     | 1.762     | -0.115    | 3.097 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 56.8 | 157        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 27  | 14   | 23     | 24     | 1.814     | -0.131    | 3.097 | 0.016     | 0.013     | 0         | 52   | 54.6 | 57.6 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 14   | 33     | 24     | 1.759     | -0.138    | 3.097 | 0.016     | 0.013     | 0         | 51.6 | 54.6 | 57.2 | 156        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 27  | 14   | 43     | 24     | 1.759     | -0.217    | 3.1   | 0.016     | 0.013     | 0         | 51.2 | 54.2 | 56.8 | 155        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 27  | 14   | 53     | 24     | 1.772     | -0.164    | 3.097 | 0.016     | 0.016     | 0         | 51.6 | 54.2 | 58   | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 15   | 3      | 24     | 1.785     | -0.197    | 3.097 | 0.016     | 0.016     | 0         | 52   | 54.2 | 56.8 | 157        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 15   | 13     | 24     | 1.818     | -0.164    | 3.097 | 0.016     | 0.013     | 0         | 52   | 54.2 | 56.8 | 157        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 15   | 23     | 24     | 1.804     | -0.184    | 3.1   | 0.016     | 0.013     | 0         | 51.6 | 53.8 | 58.5 | 155        | 162        | 0          | 35     | 37     |
| 2009 | 6     | 27  | 15   | 33     | 24     | 1.762     | -0.171    | 3.1   | 0.013     | 0.01      | 0         | 51.2 | 53.8 | 57.2 | 155        | 162        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 15   | 43     | 24     | 1.785     | -0.056    | 3.104 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 57.2 | 155        | 162        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 15   | 53     | 24     | 1.814     | -0.151    | 3.104 | 0.016     | 0.016     | 0         | 51.2 | 54.2 | 57.2 | 155        | 162        | 0          | 36     | 36     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 27  | 16   | 3      | 24     | 1.791     | -0.131    | 3.104 | 0.016     | 0.016     | 0         | 51.2 | 53.8 | 58   | 155        | 162        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 16   | 13     | 24     | 1.778     | -0.187    | 3.104 | 0.016     | 0.013     | 0         | 50.7 | 53.8 | 58.5 | 155        | 162        | 0          | 37     | 37     |
| 2009 | 6     | 27  | 16   | 23     | 24     | 1.739     | -0.174    | 3.104 | 0.016     | 0.013     | 0         | 51.6 | 53.8 | 58.9 | 155        | 162        | 0          | 35     | 37     |
| 2009 | 6     | 27  | 16   | 33     | 24     | 1.808     | -0.115    | 3.104 | 0.016     | 0.013     | 0         | 51.6 | 53.8 | 57.2 | 155        | 162        | 0          | 35     | 37     |
| 2009 | 6     | 27  | 16   | 43     | 24     | 1.755     | -0.203    | 3.104 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 58   | 155        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 27  | 16   | 53     | 24     | 1.772     | -0.154    | 3.107 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 56.8 | 155        | 162        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 17   | 3      | 24     | 1.791     | -0.177    | 3.107 | 0.013     | 0.01      | 0         | 51.2 | 53.3 | 58.9 | 155        | 161        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 17   | 13     | 24     | 1.772     | -0.141    | 3.107 | 0.016     | 0.016     | 0         | 51.6 | 53.8 | 57.6 | 155        | 162        | 0          | 35     | 37     |
| 2009 | 6     | 27  | 17   | 23     | 24     | 1.762     | -0.187    | 3.107 | 0.013     | 0.01      | 0         | 52   | 54.2 | 58   | 155        | 162        | 0          | 34     | 36     |
| 2009 | 6     | 27  | 17   | 33     | 24     | 1.775     | -0.144    | 3.11  | 0.013     | 0.01      | 0         | 50.7 | 53.8 | 57.6 | 155        | 162        | 0          | 37     | 37     |
| 2009 | 6     | 27  | 17   | 43     | 24     | 1.798     | -0.171    | 3.11  | 0.013     | 0.01      | 0         | 51.6 | 54.2 | 59.3 | 155        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 27  | 17   | 53     | 24     | 1.768     | -0.144    | 3.11  | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 58   | 155        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 27  | 18   | 3      | 24     | 1.808     | -0.217    | 3.11  | 0.016     | 0.013     | 0         | 51.6 | 53.8 | 59.3 | 155        | 162        | 0          | 35     | 37     |
| 2009 | 6     | 27  | 18   | 13     | 24     | 1.755     | -0.171    | 3.11  | 0.016     | 0.013     | 0         | 50.7 | 54.2 | 58   | 154        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 27  | 18   | 23     | 24     | 1.778     | -0.138    | 3.11  | 0.013     | 0.01      | 0         | 51.6 | 53.3 | 59.8 | 155        | 161        | 0          | 35     | 37     |
| 2009 | 6     | 27  | 18   | 33     | 24     | 1.795     | -0.144    | 3.114 | 0.02      | 0.016     | 0         | 51.2 | 53.3 | 59.3 | 154        | 161        | 0          | 35     | 37     |
| 2009 | 6     | 27  | 18   | 43     | 24     | 1.772     | -0.174    | 3.114 | 0.013     | 0.01      | 0         | 51.2 | 53.8 | 60.6 | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 27  | 18   | 53     | 24     | 1.788     | -0.148    | 3.114 | 0.016     | 0.013     | 0         | 50.7 | 53.3 | 58.9 | 154        | 161        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 19   | 3      | 24     | 1.781     | -0.131    | 3.114 | 0.016     | 0.013     | 0         | 50.7 | 53.8 | 59.8 | 154        | 161        | 0          | 36     | 36     |
| 2009 | 6     | 27  | 19   | 13     | 24     | 1.778     | -0.187    | 3.114 | 0.016     | 0.013     | 0         | 50.7 | 53.8 | 59.8 | 154        | 161        | 0          | 36     | 36     |
| 2009 | 6     | 27  | 19   | 23     | 24     | 1.781     | -0.115    | 3.114 | 0.013     | 0.01      | 0         | 51.2 | 52.9 | 58.9 | 154        | 160        | 0          | 35     | 37     |
| 2009 | 6     | 27  | 19   | 33     | 24     | 1.827     | -0.121    | 3.117 | 0.016     | 0.013     | 0         | 50.7 | 53.8 | 59.8 | 153        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 27  | 19   | 43     | 24     | 1.781     | -0.141    | 3.117 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 60.2 | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 27  | 19   | 53     | 24     | 1.818     | -0.128    | 3.117 | 0.013     | 0.01      | 0         | 51.2 | 53.8 | 59.8 | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 27  | 20   | 3      | 24     | 1.788     | -0.164    | 3.117 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 60.2 | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 27  | 20   | 13     | 24     | 1.742     | -0.164    | 3.117 | 0.016     | 0.016     | 0         | 50.7 | 53.3 | 60.6 | 154        | 160        | 0          | 36     | 36     |
| 2009 | 6     | 27  | 20   | 23     | 24     | 1.798     | -0.125    | 3.117 | 0.016     | 0.013     | 0         | 51.2 | 52.9 | 61.1 | 154        | 160        | 0          | 35     | 37     |
| 2009 | 6     | 27  | 20   | 33     | 24     | 1.791     | -0.131    | 3.117 | 0.013     | 0.01      | 0         | 51.2 | 53.8 | 60.2 | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 27  | 20   | 43     | 24     | 1.801     | -0.161    | 3.12  | 0.016     | 0.016     | 0         | 51.2 | 53.8 | 60.6 | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 27  | 20   | 53     | 24     | 1.745     | -0.131    | 3.12  | 0.016     | 0.013     | 0         | 50.7 | 53.8 | 59.3 | 154        | 161        | 0          | 36     | 36     |
| 2009 | 6     | 27  | 21   | 3      | 24     | 1.742     | -0.118    | 3.12  | 0.013     | 0.01      | 0         | 51.2 | 53.8 | 58.9 | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 27  | 21   | 13     | 24     | 1.785     | -0.148    | 3.12  | 0.016     | 0.013     | 0         | 51.2 | 52.9 | 59.3 | 154        | 160        | 0          | 35     | 37     |
| 2009 | 6     | 27  | 21   | 23     | 24     | 1.781     | -0.154    | 3.12  | 0.016     | 0.016     | 0         | 50.7 | 53.3 | 59.3 | 154        | 160        | 0          | 36     | 36     |
| 2009 | 6     | 27  | 21   | 33     | 24     | 1.768     | -0.177    | 3.12  | 0.016     | 0.013     | 0         | 50.7 | 53.3 | 60.2 | 154        | 160        | 0          | 36     | 36     |
| 2009 | 6     | 27  | 21   | 43     | 24     | 1.808     | -0.121    | 3.12  | 0.016     | 0.016     | 0         | 51.2 | 53.3 | 58.9 | 154        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 27  | 21   | 53     | 24     | 1.755     | -0.098    | 3.12  | 0.013     | 0.01      | 0         | 51.2 | 53.3 | 59.8 | 154        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 27  | 22   | 3      | 24     | 1.759     | -0.184    | 3.123 | 0.016     | 0.013     | 0         | 50.3 | 52.9 | 60.6 | 153        | 160        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 22   | 13     | 24     | 1.765     | -0.223    | 3.12  | 0.016     | 0.016     | 0         | 50.7 | 52.9 | 58.9 | 153        | 160        | 0          | 35     | 37     |
| 2009 | 6     | 27  | 22   | 23     | 24     | 1.759     | -0.174    | 3.12  | 0.013     | 0.01      | 0         | 51.2 | 52.9 | 59.8 | 154        | 160        | 0          | 35     | 37     |
| 2009 | 6     | 27  | 22   | 33     | 24     | 1.798     | -0.174    | 3.123 | 0.016     | 0.013     | 0         | 50.3 | 53.3 | 58.9 | 153        | 160        | 0          | 36     | 36     |
| 2009 | 6     | 27  | 22   | 43     | 24     | 1.745     | -0.115    | 3.123 | 0.01      | 0.007     | 0         | 50.7 | 53.3 | 60.2 | 153        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 27  | 22   | 53     | 24     | 1.749     | -0.164    | 3.123 | 0.01      | 0.007     | 0         | 50.7 | 53.3 | 59.3 | 153        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 27  | 23   | 3      | 24     | 1.791     | -0.141    | 3.123 | 0.016     | 0.013     | 0         | 51.2 | 53.3 | 58.9 | 154        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 27  | 23   | 13     | 24     | 1.759     | -0.069    | 3.123 | 0.016     | 0.013     | 0         | 51.2 | 52.9 | 58.9 | 154        | 160        | 0          | 35     | 37     |
| 2009 | 6     | 27  | 23   | 23     | 24     | 1.765     | -0.108    | 3.123 | 0.016     | 0.013     | 0         | 51.2 | 52.9 | 59.3 | 154        | 160        | 0          | 35     | 37     |
| 2009 | 6     | 27  | 23   | 33     | 24     | 1.808     | -0.157    | 3.123 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 60.6 | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 27  | 23   | 43     | 24     | 1.765     | -0.148    | 3.123 | 0.016     | 0.013     | 0         | 50.7 | 53.3 | 58.5 | 154        | 161        | 0          | 36     | 37     |
| 2009 | 6     | 27  | 23   | 53     | 24     | 1.749     | -0.148    | 3.123 | 0.013     | 0.01      | 0         | 51.2 | 53.8 | 59.3 | 154        | 161        | 0          | 35     | 36     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 28  | 0    | 3      | 24     | 1.824     | -0.151    | 3.123 | 0.016     | 0.013     | 0         | 51.2 | 53.3 | 59.3 | 154        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 0    | 13     | 24     | 1.785     | -0.108    | 3.123 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 59.3 | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 0    | 23     | 24     | 1.781     | -0.115    | 3.123 | 0.016     | 0.013     | 0         | 51.2 | 53.3 | 58.9 | 154        | 161        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 0    | 33     | 24     | 1.768     | -0.144    | 3.123 | 0.016     | 0.013     | 0         | 51.2 | 54.6 | 59.3 | 154        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 0    | 43     | 24     | 1.729     | -0.115    | 3.123 | 0.013     | 0.01      | 0         | 52   | 54.6 | 56.8 | 156        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 0    | 53     | 24     | 1.768     | -0.144    | 3.123 | 0.016     | 0.013     | 0         | 51.6 | 54.6 | 57.2 | 155        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 1    | 3      | 24     | 1.785     | -0.131    | 3.123 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 58   | 155        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 1    | 13     | 24     | 1.788     | -0.089    | 3.123 | 0.013     | 0.01      | 0         | 51.2 | 54.2 | 58.9 | 155        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 28  | 1    | 23     | 24     | 1.768     | -0.154    | 3.127 | 0.016     | 0.013     | 0         | 51.2 | 54.2 | 58   | 155        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 28  | 1    | 33     | 24     | 1.841     | -0.098    | 3.127 | 0.013     | 0.01      | 0         | 51.6 | 53.8 | 57.6 | 155        | 162        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 1    | 43     | 24     | 1.785     | -0.141    | 3.127 | 0.013     | 0.01      | 0         | 51.6 | 54.2 | 57.2 | 156        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 28  | 1    | 53     | 24     | 1.762     | -0.125    | 3.127 | 0.013     | 0.01      | 0         | 52   | 54.2 | 56.8 | 156        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 2    | 3      | 24     | 1.759     | -0.138    | 3.127 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 57.2 | 155        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 2    | 13     | 24     | 1.765     | -0.098    | 3.127 | 0.013     | 0.01      | 0         | 51.6 | 53.8 | 57.6 | 155        | 162        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 2    | 23     | 24     | 1.775     | -0.141    | 3.127 | 0.016     | 0.013     | 0         | 51.2 | 54.2 | 57.2 | 155        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 28  | 2    | 33     | 24     | 1.772     | -0.154    | 3.127 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 56.8 | 156        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 28  | 2    | 43     | 24     | 1.788     | -0.167    | 3.127 | 0.016     | 0.016     | 0         | 52   | 54.2 | 56.3 | 156        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 2    | 53     | 24     | 1.801     | -0.108    | 3.127 | 0.016     | 0.013     | 0         | 52   | 54.6 | 57.6 | 156        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 3    | 3      | 24     | 1.772     | -0.105    | 3.127 | 0.013     | 0.01      | 0         | 52   | 54.2 | 55.9 | 157        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 28  | 3    | 13     | 24     | 1.795     | -0.115    | 3.127 | 0.013     | 0.01      | 0         | 52   | 54.2 | 57.2 | 156        | 163        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 3    | 23     | 24     | 1.775     | -0.079    | 3.127 | 0.016     | 0.013     | 0         | 51.6 | 53.8 | 57.2 | 155        | 162        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 3    | 33     | 24     | 1.765     | -0.203    | 3.127 | 0.016     | 0.016     | 0         | 51.6 | 54.2 | 57.2 | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 28  | 3    | 43     | 24     | 1.791     | -0.148    | 3.13  | 0.016     | 0.013     | 0         | 52   | 54.2 | 55.9 | 156        | 163        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 3    | 53     | 24     | 1.778     | -0.105    | 3.13  | 0.01      | 0.007     | 0         | 51.6 | 54.2 | 55.9 | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 28  | 4    | 3      | 24     | 1.821     | -0.108    | 3.13  | 0.013     | 0.01      | 0         | 52   | 54.2 | 55.9 | 156        | 163        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 4    | 13     | 24     | 1.772     | -0.089    | 3.13  | 0.016     | 0.013     | 0         | 52   | 55   | 56.8 | 156        | 163        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 4    | 23     | 24     | 1.775     | -0.144    | 3.133 | 0.016     | 0.016     | 0         | 52   | 54.6 | 56.3 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 28  | 4    | 33     | 24     | 1.772     | -0.102    | 3.133 | 0.016     | 0.013     | 0         | 52.5 | 55   | 56.8 | 157        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 4    | 43     | 24     | 1.798     | -0.089    | 3.133 | 0.016     | 0.016     | 0         | 51.6 | 54.6 | 56.8 | 156        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 28  | 4    | 53     | 24     | 1.801     | -0.167    | 3.133 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 57.2 | 157        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 5    | 3      | 24     | 1.762     | -0.128    | 3.136 | 0.013     | 0.01      | 0         | 52   | 55   | 55.9 | 157        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 28  | 5    | 13     | 24     | 1.729     | -0.194    | 3.136 | 0.016     | 0.013     | 0         | 52.9 | 55   | 55   | 158        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 5    | 23     | 24     | 1.781     | -0.128    | 3.14  | 0.016     | 0.016     | 0         | 52.9 | 55   | 56.8 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 28  | 5    | 33     | 24     | 1.768     | -0.121    | 3.14  | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 56.3 | 159        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 5    | 43     | 24     | 1.778     | -0.098    | 3.14  | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 56.8 | 159        | 166        | 0          | 36     | 37     |
| 2009 | 6     | 28  | 5    | 53     | 24     | 1.778     | -0.154    | 3.14  | 0.013     | 0.01      | 0         | 52.5 | 55   | 57.2 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 28  | 6    | 3      | 24     | 1.768     | -0.154    | 3.143 | 0.016     | 0.013     | 0         | 52.5 | 55.5 | 56.8 | 158        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 28  | 6    | 13     | 24     | 1.791     | -0.144    | 3.143 | 0.016     | 0.013     | 0         | 52.5 | 55.5 | 57.2 | 158        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 28  | 6    | 23     | 24     | 1.781     | -0.19     | 3.143 | 0.016     | 0.016     | 0         | 52.5 | 55   | 56.8 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 28  | 6    | 33     | 24     | 1.765     | -0.171    | 3.143 | 0.016     | 0.013     | 0         | 52.5 | 55   | 57.2 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 28  | 6    | 43     | 24     | 1.749     | -0.135    | 3.143 | 0.016     | 0.013     | 0         | 52.9 | 55   | 57.2 | 158        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 6    | 53     | 24     | 1.749     | -0.18     | 3.143 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 59.3 | 158        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 28  | 7    | 3      | 24     | 1.814     | -0.171    | 3.143 | 0.013     | 0.01      | 0         | 52.5 | 55   | 56.3 | 157        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 7    | 13     | 24     | 1.772     | -0.184    | 3.143 | 0.016     | 0.016     | 0         | 52   | 54.6 | 58.5 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 28  | 7    | 23     | 24     | 1.749     | -0.197    | 3.143 | 0.016     | 0.013     | 0         | 52   | 55   | 57.6 | 157        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 28  | 7    | 33     | 24     | 1.798     | -0.151    | 3.143 | 0.01      | 0.007     | 0         | 53.3 | 55   | 59.8 | 159        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 7    | 43     | 24     | 1.759     | -0.177    | 3.143 | 0.016     | 0.013     | 0         | 52.9 | 55   | 58   | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 28  | 7    | 53     | 24     | 1.804     | -0.161    | 3.143 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 58.9 | 160        | 166        | 0          | 36     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 28  | 8    | 3      | 24     | 1.791     | -0.161    | 3.143 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 59.3 | 159        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 8    | 13     | 24     | 1.765     | -0.203    | 3.146 | 0.016     | 0.013     | 0         | 52.5 | 55   | 60.2 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 28  | 8    | 23     | 24     | 1.785     | -0.164    | 3.146 | 0.016     | 0.013     | 0         | 52.5 | 55   | 58   | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 28  | 8    | 33     | 24     | 1.716     | -0.131    | 3.143 | 0.013     | 0.01      | 0         | 52.9 | 55.9 | 58.5 | 159        | 166        | 0          | 36     | 36     |
| 2009 | 6     | 28  | 8    | 43     | 24     | 1.778     | -0.128    | 3.146 | 0.013     | 0.01      | 0         | 52.5 | 55.5 | 59.3 | 158        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 28  | 8    | 53     | 24     | 1.752     | -0.154    | 3.143 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 58.5 | 160        | 167        | 0          | 36     | 37     |
| 2009 | 6     | 28  | 9    | 3      | 24     | 1.752     | -0.131    | 3.146 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 58.5 | 159        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 9    | 13     | 24     | 1.781     | -0.151    | 3.146 | 0.016     | 0.013     | 0         | 52.9 | 55   | 58.5 | 158        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 9    | 23     | 24     | 1.742     | -0.138    | 3.146 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 57.6 | 160        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 9    | 33     | 24     | 1.762     | -0.177    | 3.146 | 0.013     | 0.01      | 0         | 53.3 | 55.5 | 59.3 | 159        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 9    | 43     | 24     | 1.765     | -0.174    | 3.146 | 0.013     | 0.01      | 0         | 52.5 | 55.5 | 59.8 | 158        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 28  | 9    | 53     | 24     | 1.791     | -0.157    | 3.146 | 0.013     | 0.01      | 0         | 52.9 | 55   | 58.9 | 158        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 10   | 3      | 24     | 1.778     | -0.177    | 3.146 | 0.016     | 0.013     | 0         | 52.5 | 55   | 58.5 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 28  | 10   | 13     | 24     | 1.811     | -0.118    | 3.146 | 0.016     | 0.013     | 0         | 52.9 | 54.6 | 58.5 | 158        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 10   | 23     | 24     | 1.729     | -0.105    | 3.146 | 0.016     | 0.013     | 0         | 52.5 | 54.2 | 60.2 | 158        | 164        | 0          | 36     | 38     |
| 2009 | 6     | 28  | 10   | 33     | 24     | 1.781     | -0.154    | 3.146 | 0.016     | 0.016     | 0         | 52.9 | 55   | 58.9 | 158        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 10   | 43     | 24     | 1.781     | -0.197    | 3.146 | 0.013     | 0.01      | 0         | 52.5 | 54.6 | 58   | 157        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 10   | 53     | 24     | 1.768     | -0.157    | 3.146 | 0.016     | 0.016     | 0         | 52.5 | 55.5 | 58.9 | 158        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 28  | 11   | 3      | 24     | 1.749     | -0.098    | 3.146 | 0.016     | 0.013     | 0         | 52   | 54.6 | 59.3 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 28  | 11   | 13     | 24     | 1.778     | -0.157    | 3.146 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 58.9 | 157        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 11   | 23     | 24     | 1.801     | -0.203    | 3.146 | 0.013     | 0.01      | 0         | 52.5 | 54.6 | 58.9 | 157        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 11   | 33     | 24     | 1.739     | -0.125    | 3.146 | 0.016     | 0.016     | 0         | 52.5 | 55   | 58   | 157        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 11   | 43     | 24     | 1.749     | -0.187    | 3.146 | 0.016     | 0.013     | 0         | 52   | 54.6 | 59.3 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 28  | 11   | 53     | 24     | 1.791     | -0.164    | 3.146 | 0.016     | 0.013     | 0         | 52   | 54.6 | 59.3 | 157        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 28  | 12   | 3      | 24     | 1.749     | -0.197    | 3.146 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 59.8 | 157        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 12   | 13     | 24     | 1.768     | -0.164    | 3.146 | 0.016     | 0.013     | 0         | 52   | 54.6 | 59.3 | 157        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 28  | 12   | 23     | 24     | 1.765     | -0.112    | 3.146 | 0.016     | 0.013     | 0         | 52.5 | 54.2 | 58.5 | 157        | 163        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 12   | 33     | 24     | 1.814     | -0.141    | 3.146 | 0.016     | 0.013     | 0         | 52.5 | 54.2 | 58.5 | 157        | 163        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 12   | 43     | 24     | 1.765     | -0.121    | 3.146 | 0.013     | 0.01      | 0         | 52   | 54.2 | 59.8 | 157        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 28  | 12   | 53     | 24     | 1.808     | -0.151    | 3.146 | 0.016     | 0.013     | 0         | 52   | 54.2 | 59.8 | 157        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 28  | 13   | 3      | 24     | 1.732     | -0.144    | 3.146 | 0.016     | 0.013     | 0         | 52.5 | 55   | 58.5 | 157        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 13   | 13     | 24     | 1.739     | -0.148    | 3.146 | 0.016     | 0.013     | 0         | 52   | 54.2 | 58.5 | 156        | 163        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 13   | 23     | 24     | 1.765     | -0.118    | 3.146 | 0.016     | 0.016     | 0         | 52   | 54.2 | 59.8 | 156        | 163        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 13   | 33     | 24     | 1.772     | -0.131    | 3.146 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 58.9 | 155        | 162        | 0          | 36     | 37     |
| 2009 | 6     | 28  | 13   | 43     | 24     | 1.739     | -0.112    | 3.146 | 0.016     | 0.013     | 0         | 52   | 53.8 | 59.3 | 156        | 162        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 13   | 53     | 24     | 1.739     | -0.112    | 3.146 | 0.013     | 0.01      | 0         | 51.2 | 53.8 | 58.9 | 155        | 162        | 0          | 36     | 37     |
| 2009 | 6     | 28  | 14   | 3      | 24     | 1.762     | -0.131    | 3.146 | 0.016     | 0.013     | 0         | 51.6 | 53.8 | 57.6 | 155        | 162        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 14   | 13     | 24     | 1.768     | -0.138    | 3.146 | 0.016     | 0.013     | 0         | 51.6 | 53.8 | 59.8 | 155        | 162        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 14   | 23     | 24     | 1.752     | -0.085    | 3.146 | 0.016     | 0.013     | 0         | 50.7 | 53.8 | 59.8 | 154        | 162        | 0          | 36     | 37     |
| 2009 | 6     | 28  | 14   | 33     | 24     | 1.772     | -0.135    | 3.146 | 0.013     | 0.01      | 0         | 51.2 | 53.8 | 58.9 | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 14   | 43     | 24     | 1.795     | -0.118    | 3.146 | 0.01      | 0.007     | 0         | 50.7 | 53.3 | 58.9 | 154        | 161        | 0          | 36     | 37     |
| 2009 | 6     | 28  | 14   | 53     | 24     | 1.759     | -0.112    | 3.15  | 0.016     | 0.013     | 0         | 51.2 | 53.3 | 58.5 | 154        | 161        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 15   | 3      | 24     | 1.768     | -0.135    | 3.146 | 0.016     | 0.016     | 0         | 51.2 | 53.3 | 59.3 | 154        | 161        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 15   | 13     | 24     | 1.762     | -0.161    | 3.146 | 0.016     | 0.016     | 0         | 50.7 | 53.3 | 58.9 | 154        | 161        | 0          | 36     | 37     |
| 2009 | 6     | 28  | 15   | 23     | 24     | 1.775     | -0.069    | 3.146 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 58.5 | 155        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 15   | 33     | 24     | 1.752     | -0.102    | 3.146 | 0.013     | 0.01      | 0         | 51.2 | 54.2 | 58.5 | 155        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 28  | 15   | 43     | 24     | 1.788     | -0.092    | 3.15  | 0.016     | 0.016     | 0         | 51.2 | 53.3 | 58   | 155        | 161        | 0          | 36     | 37     |
| 2009 | 6     | 28  | 15   | 53     | 24     | 1.745     | -0.138    | 3.146 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 59.3 | 154        | 161        | 0          | 35     | 36     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 28  | 16   | 3      | 24     | 1.762     | -0.174    | 3.146 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 58.5 | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 16   | 13     | 24     | 1.749     | -0.125    | 3.146 | 0.01      | 0.007     | 0         | 50.7 | 53.8 | 58   | 154        | 161        | 0          | 36     | 36     |
| 2009 | 6     | 28  | 16   | 23     | 24     | 1.759     | -0.089    | 3.15  | 0.016     | 0.013     | 0         | 51.2 | 53.3 | 58   | 154        | 161        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 16   | 33     | 24     | 1.791     | -0.171    | 3.146 | 0.016     | 0.013     | 0         | 50.7 | 53.8 | 57.6 | 154        | 161        | 0          | 36     | 36     |
| 2009 | 6     | 28  | 16   | 43     | 24     | 1.772     | -0.105    | 3.146 | 0.016     | 0.013     | 0         | 50.7 | 53.3 | 59.3 | 154        | 161        | 0          | 36     | 37     |
| 2009 | 6     | 28  | 16   | 53     | 24     | 1.752     | -0.095    | 3.15  | 0.016     | 0.013     | 0         | 51.2 | 53.3 | 59.3 | 154        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 17   | 3      | 24     | 1.732     | -0.072    | 3.15  | 0.016     | 0.013     | 0         | 51.2 | 53.3 | 59.3 | 154        | 161        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 17   | 13     | 24     | 1.762     | -0.138    | 3.146 | 0.013     | 0.01      | 0         | 51.2 | 53.8 | 58.5 | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 17   | 23     | 24     | 1.772     | -0.121    | 3.146 | 0.02      | 0.016     | 0         | 51.2 | 53.8 | 58   | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 17   | 33     | 24     | 1.752     | -0.148    | 3.15  | 0.016     | 0.013     | 0         | 51.2 | 52.9 | 58   | 154        | 160        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 17   | 43     | 24     | 1.739     | -0.092    | 3.15  | 0.016     | 0.013     | 0         | 51.2 | 52.9 | 57.2 | 154        | 160        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 17   | 53     | 24     | 1.768     | -0.089    | 3.146 | 0.016     | 0.013     | 0         | 50.7 | 53.3 | 57.6 | 153        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 18   | 3      | 24     | 1.765     | -0.112    | 3.15  | 0.016     | 0.016     | 0         | 50.7 | 52.9 | 58.9 | 153        | 160        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 18   | 13     | 24     | 1.785     | -0.131    | 3.15  | 0.016     | 0.016     | 0         | 50.3 | 53.8 | 57.6 | 153        | 161        | 0          | 36     | 36     |
| 2009 | 6     | 28  | 18   | 23     | 24     | 1.729     | -0.082    | 3.15  | 0.013     | 0.01      | 0         | 50.7 | 53.8 | 58.5 | 154        | 161        | 0          | 36     | 36     |
| 2009 | 6     | 28  | 18   | 33     | 24     | 1.742     | -0.115    | 3.15  | 0.013     | 0.01      | 0         | 51.2 | 53.8 | 58.9 | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 18   | 43     | 24     | 1.749     | -0.056    | 3.15  | 0.016     | 0.016     | 0         | 51.2 | 53.8 | 57.6 | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 18   | 53     | 24     | 1.762     | -0.187    | 3.15  | 0.016     | 0.013     | 0         | 50.7 | 52.9 | 58   | 153        | 160        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 19   | 3      | 24     | 1.742     | -0.079    | 3.15  | 0.016     | 0.013     | 0         | 50.7 | 53.3 | 58   | 154        | 160        | 0          | 36     | 36     |
| 2009 | 6     | 28  | 19   | 13     | 24     | 1.768     | -0.121    | 3.15  | 0.016     | 0.013     | 0         | 51.2 | 53.3 | 58.5 | 154        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 19   | 23     | 24     | 1.781     | -0.112    | 3.15  | 0.016     | 0.013     | 0         | 50.7 | 53.3 | 59.3 | 153        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 19   | 33     | 24     | 1.732     | -0.131    | 3.15  | 0.016     | 0.013     | 0         | 51.2 | 52.9 | 58.5 | 154        | 160        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 19   | 43     | 24     | 1.778     | -0.174    | 3.15  | 0.016     | 0.013     | 0         | 50.7 | 53.3 | 58   | 153        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 19   | 53     | 24     | 1.765     | -0.144    | 3.15  | 0.016     | 0.013     | 0         | 50.7 | 52.9 | 58   | 153        | 160        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 20   | 3      | 24     | 1.772     | -0.098    | 3.153 | 0.016     | 0.013     | 0         | 51.2 | 53.3 | 58.5 | 154        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 20   | 13     | 24     | 1.795     | -0.118    | 3.153 | 0.013     | 0.01      | 0         | 50.7 | 53.3 | 57.6 | 154        | 160        | 0          | 36     | 36     |
| 2009 | 6     | 28  | 20   | 23     | 24     | 1.795     | -0.115    | 3.153 | 0.013     | 0.01      | 0         | 50.7 | 53.3 | 58.9 | 153        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 20   | 33     | 24     | 1.768     | -0.095    | 3.153 | 0.016     | 0.013     | 0         | 50.7 | 53.3 | 58   | 154        | 160        | 0          | 36     | 36     |
| 2009 | 6     | 28  | 20   | 43     | 24     | 1.765     | -0.059    | 3.153 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 58.5 | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 20   | 53     | 24     | 1.768     | -0.157    | 3.153 | 0.013     | 0.01      | 0         | 51.2 | 53.8 | 57.6 | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 21   | 3      | 24     | 1.755     | -0.052    | 3.153 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 59.3 | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 21   | 13     | 24     | 1.798     | -0.112    | 3.153 | 0.016     | 0.016     | 0         | 51.2 | 53.8 | 59.3 | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 21   | 23     | 24     | 1.808     | -0.177    | 3.153 | 0.013     | 0.01      | 0         | 51.2 | 52.9 | 58.9 | 154        | 160        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 21   | 33     | 24     | 1.772     | -0.135    | 3.156 | 0.013     | 0.01      | 0         | 50.7 | 53.3 | 59.8 | 153        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 21   | 43     | 24     | 1.742     | -0.177    | 3.153 | 0.016     | 0.013     | 0         | 50.7 | 53.3 | 58   | 153        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 21   | 53     | 24     | 1.798     | -0.118    | 3.153 | 0.013     | 0.01      | 0         | 50.7 | 53.3 | 58.5 | 153        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 22   | 3      | 24     | 1.745     | -0.112    | 3.156 | 0.013     | 0.01      | 0         | 50.7 | 53.3 | 58.9 | 153        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 22   | 13     | 24     | 1.752     | -0.171    | 3.156 | 0.013     | 0.01      | 0         | 50.7 | 53.8 | 59.3 | 153        | 160        | 0          | 35     | 35     |
| 2009 | 6     | 28  | 22   | 23     | 24     | 1.781     | -0.102    | 3.156 | 0.016     | 0.016     | 0         | 50.3 | 52.9 | 59.3 | 152        | 159        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 22   | 33     | 24     | 1.745     | -0.164    | 3.156 | 0.016     | 0.013     | 0         | 50.3 | 52.5 | 59.3 | 152        | 159        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 22   | 43     | 24     | 1.781     | -0.102    | 3.156 | 0.016     | 0.013     | 0         | 50.7 | 52.9 | 58.5 | 153        | 160        | 0          | 35     | 37     |
| 2009 | 6     | 28  | 22   | 53     | 24     | 1.745     | -0.118    | 3.156 | 0.013     | 0.01      | 0         | 50.7 | 53.3 | 58.9 | 153        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 23   | 3      | 24     | 1.732     | -0.203    | 3.156 | 0.016     | 0.013     | 0         | 50.7 | 52.9 | 59.8 | 153        | 159        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 23   | 13     | 24     | 1.801     | -0.157    | 3.156 | 0.016     | 0.016     | 0         | 50.7 | 53.3 | 59.3 | 153        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 23   | 23     | 24     | 1.775     | -0.177    | 3.156 | 0.013     | 0.01      | 0         | 50.7 | 52.9 | 60.2 | 153        | 159        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 23   | 33     | 24     | 1.781     | -0.157    | 3.156 | 0.016     | 0.013     | 0         | 50.7 | 52.9 | 58.9 | 153        | 159        | 0          | 35     | 36     |
| 2009 | 6     | 28  | 23   | 43     | 24     | 1.745     | -0.069    | 3.156 | 0.016     | 0.016     | 0         | 51.2 | 53.3 | 59.3 | 153        | 160        | 0          | 34     | 36     |
| 2009 | 6     | 28  | 23   | 53     | 24     | 1.752     | -0.203    | 3.156 | 0.016     | 0.016     | 0         | 50.7 | 53.8 | 58.9 | 153        | 160        | 0          | 35     | 35     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 29  | 0    | 3      | 24     | 1.765     | -0.056    | 3.156 | 0.016     | 0.013     | 0         | 50.7 | 53.3 | 60.6 | 153        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 0    | 13     | 24     | 1.752     | -0.135    | 3.156 | 0.016     | 0.016     | 0         | 51.2 | 53.8 | 59.8 | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 0    | 23     | 24     | 1.778     | -0.046    | 3.156 | 0.016     | 0.016     | 0         | 51.6 | 53.8 | 58.9 | 154        | 161        | 0          | 34     | 36     |
| 2009 | 6     | 29  | 0    | 33     | 24     | 1.775     | -0.121    | 3.156 | 0.016     | 0.016     | 0         | 51.2 | 52.9 | 58.9 | 154        | 160        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 0    | 43     | 24     | 1.785     | -0.066    | 3.156 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 58   | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 0    | 53     | 24     | 1.759     | -0.171    | 3.156 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 58   | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 1    | 3      | 24     | 1.739     | -0.131    | 3.156 | 0.013     | 0.01      | 0         | 50.7 | 53.8 | 59.8 | 154        | 161        | 0          | 36     | 36     |
| 2009 | 6     | 29  | 1    | 13     | 24     | 1.768     | -0.079    | 3.156 | 0.016     | 0.013     | 0         | 51.2 | 54.2 | 58.9 | 154        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 29  | 1    | 23     | 24     | 1.791     | -0.187    | 3.156 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 59.8 | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 1    | 33     | 24     | 1.801     | -0.161    | 3.156 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 59.3 | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 1    | 43     | 24     | 1.762     | -0.092    | 3.156 | 0.02      | 0.016     | 0         | 51.6 | 54.2 | 59.3 | 155        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 1    | 53     | 24     | 1.781     | -0.144    | 3.159 | 0.016     | 0.013     | 0         | 52   | 53.8 | 58   | 156        | 162        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 2    | 3      | 24     | 1.729     | -0.161    | 3.156 | 0.016     | 0.013     | 0         | 52   | 54.6 | 59.8 | 156        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 2    | 13     | 24     | 1.755     | -0.121    | 3.156 | 0.016     | 0.013     | 0         | 52   | 54.2 | 58   | 156        | 163        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 2    | 23     | 24     | 1.791     | -0.154    | 3.156 | 0.02      | 0.016     | 0         | 52   | 54.2 | 59.8 | 156        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 2    | 33     | 24     | 1.752     | -0.095    | 3.159 | 0.016     | 0.016     | 0         | 51.6 | 53.8 | 58   | 155        | 162        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 2    | 43     | 24     | 1.745     | -0.144    | 3.156 | 0.016     | 0.013     | 0         | 51.6 | 54.6 | 59.8 | 156        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 29  | 2    | 53     | 24     | 1.742     | -0.141    | 3.156 | 0.016     | 0.013     | 0         | 52   | 54.6 | 59.8 | 156        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 3    | 3      | 24     | 1.765     | -0.171    | 3.156 | 0.016     | 0.013     | 0         | 52   | 54.6 | 58.9 | 156        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 3    | 13     | 24     | 1.781     | -0.141    | 3.156 | 0.013     | 0.01      | 0         | 52.9 | 55   | 59.8 | 158        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 3    | 23     | 24     | 1.791     | -0.102    | 3.156 | 0.016     | 0.013     | 0         | 52.9 | 54.6 | 58.9 | 158        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 3    | 33     | 24     | 1.798     | -0.144    | 3.156 | 0.016     | 0.016     | 0         | 52.5 | 55   | 58.9 | 157        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 3    | 43     | 24     | 1.798     | -0.161    | 3.156 | 0.013     | 0.01      | 0         | 52.5 | 55   | 59.3 | 157        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 3    | 53     | 24     | 1.752     | -0.135    | 3.156 | 0.016     | 0.013     | 0         | 52   | 54.6 | 58.9 | 156        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 4    | 3      | 24     | 1.752     | -0.161    | 3.156 | 0.013     | 0.01      | 0         | 51.6 | 54.2 | 59.8 | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 29  | 4    | 13     | 24     | 1.801     | -0.085    | 3.156 | 0.013     | 0.01      | 0         | 52   | 54.2 | 58.9 | 156        | 163        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 4    | 23     | 24     | 1.785     | -0.141    | 3.156 | 0.016     | 0.016     | 0         | 52.5 | 54.6 | 58   | 157        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 4    | 33     | 24     | 1.752     | -0.223    | 3.156 | 0.016     | 0.016     | 0         | 52.5 | 55   | 58.5 | 158        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 29  | 4    | 43     | 24     | 1.759     | -0.187    | 3.159 | 0.016     | 0.013     | 0         | 52.5 | 55   | 58   | 157        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 4    | 53     | 24     | 1.732     | -0.102    | 3.156 | 0.016     | 0.013     | 0         | 52.9 | 54.6 | 58.5 | 158        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 5    | 3      | 24     | 1.772     | -0.131    | 3.156 | 0.016     | 0.013     | 0         | 52.5 | 55   | 58   | 158        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 29  | 5    | 13     | 24     | 1.788     | -0.141    | 3.156 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 58.9 | 158        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 5    | 23     | 24     | 1.821     | -0.108    | 3.156 | 0.016     | 0.013     | 0         | 53.3 | 55   | 58.9 | 159        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 5    | 33     | 24     | 1.739     | -0.089    | 3.159 | 0.016     | 0.016     | 0         | 53.3 | 55.9 | 58   | 159        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 5    | 43     | 24     | 1.814     | -0.125    | 3.159 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 58.9 | 159        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 5    | 53     | 24     | 1.804     | -0.135    | 3.156 | 0.016     | 0.016     | 0         | 52.9 | 55   | 57.2 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 29  | 6    | 3      | 24     | 1.814     | -0.108    | 3.156 | 0.016     | 0.013     | 0         | 53.3 | 55   | 58   | 159        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 6    | 13     | 24     | 1.759     | -0.144    | 3.159 | 0.01      | 0.007     | 0         | 52.9 | 55.5 | 58   | 158        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 6    | 23     | 24     | 1.739     | -0.174    | 3.156 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 56.8 | 158        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 6    | 33     | 24     | 1.732     | -0.092    | 3.156 | 0.016     | 0.016     | 0         | 52.5 | 55   | 59.3 | 157        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 6    | 43     | 24     | 1.742     | -0.131    | 3.156 | 0.016     | 0.016     | 0         | 52.5 | 55   | 59.3 | 157        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 6    | 53     | 24     | 1.759     | -0.207    | 3.159 | 0.016     | 0.016     | 0         | 52.9 | 55   | 58.9 | 158        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 7    | 3      | 24     | 1.755     | -0.164    | 3.156 | 0.016     | 0.016     | 0         | 52   | 55   | 58.9 | 157        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 29  | 7    | 13     | 24     | 1.739     | -0.121    | 3.156 | 0.016     | 0.013     | 0         | 52.9 | 55   | 57.2 | 158        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 7    | 23     | 24     | 1.798     | -0.164    | 3.156 | 0.016     | 0.013     | 0         | 52.5 | 55   | 57.6 | 158        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 29  | 7    | 33     | 24     | 1.775     | -0.112    | 3.159 | 0.013     | 0.01      | 0         | 53.3 | 55.5 | 57.6 | 159        | 166        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 7    | 43     | 24     | 1.788     | -0.151    | 3.159 | 0.013     | 0.01      | 0         | 52.5 | 55.5 | 57.2 | 158        | 164        | 0          | 36     | 35     |
| 2009 | 6     | 29  | 7    | 53     | 24     | 1.755     | -0.144    | 3.156 | 0.016     | 0.013     | 0         | 52.5 | 55   | 57.2 | 158        | 164        | 0          | 36     | 36     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 29  | 8    | 3      | 24     | 1.749     | -0.157    | 3.159 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 56.8 | 158        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 8    | 13     | 24     | 1.778     | -0.18     | 3.159 | 0.016     | 0.013     | 0         | 52.9 | 54.6 | 56.8 | 158        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 8    | 23     | 24     | 1.781     | -0.154    | 3.159 | 0.016     | 0.013     | 0         | 52.9 | 54.6 | 57.6 | 158        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 8    | 33     | 24     | 1.739     | -0.19     | 3.159 | 0.013     | 0.01      | 0         | 52.9 | 55   | 56.3 | 158        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 8    | 43     | 24     | 1.775     | -0.164    | 3.159 | 0.013     | 0.01      | 0         | 52   | 54.6 | 57.6 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 29  | 8    | 53     | 24     | 1.745     | -0.167    | 3.159 | 0.016     | 0.013     | 0         | 52.9 | 55.5 | 58.9 | 158        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 9    | 3      | 24     | 1.778     | -0.095    | 3.159 | 0.01      | 0.007     | 0         | 52.9 | 55   | 58.5 | 158        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 9    | 13     | 24     | 1.755     | -0.148    | 3.159 | 0.016     | 0.016     | 0         | 52.9 | 54.6 | 59.3 | 158        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 9    | 23     | 24     | 1.749     | -0.135    | 3.159 | 0.013     | 0.01      | 0         | 52.5 | 55.5 | 57.2 | 158        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 29  | 9    | 33     | 24     | 1.768     | -0.131    | 3.159 | 0.016     | 0.013     | 0         | 52.5 | 55   | 56.8 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 29  | 9    | 43     | 24     | 1.781     | -0.154    | 3.159 | 0.02      | 0.016     | 0         | 52.5 | 55   | 57.2 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 29  | 9    | 53     | 24     | 1.785     | -0.167    | 3.159 | 0.013     | 0.01      | 0         | 52.9 | 55   | 56.3 | 159        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 29  | 10   | 3      | 24     | 1.788     | -0.18     | 3.159 | 0.016     | 0.013     | 0         | 53.3 | 55.5 | 58.9 | 159        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 10   | 13     | 24     | 1.765     | -0.167    | 3.159 | 0.016     | 0.013     | 0         | 52.5 | 55   | 58.5 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 29  | 10   | 23     | 24     | 1.811     | -0.184    | 3.159 | 0.013     | 0.01      | 0         | 53.3 | 55   | 57.6 | 159        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 10   | 33     | 24     | 1.772     | -0.157    | 3.159 | 0.016     | 0.013     | 0         | 52.5 | 55   | 57.2 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 29  | 10   | 43     | 24     | 1.762     | -0.18     | 3.159 | 0.013     | 0.01      | 0         | 52.9 | 55   | 57.2 | 158        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 10   | 53     | 24     | 1.762     | -0.115    | 3.159 | 0.016     | 0.013     | 0         | 52.5 | 55   | 58.9 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 29  | 11   | 3      | 24     | 1.752     | -0.144    | 3.159 | 0.016     | 0.016     | 0         | 52.9 | 54.6 | 58   | 158        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 11   | 13     | 24     | 1.759     | -0.18     | 3.159 | 0.01      | 0.007     | 0         | 52.9 | 55   | 57.6 | 158        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 11   | 23     | 24     | 1.732     | -0.18     | 3.159 | 0.016     | 0.013     | 0         | 52   | 55   | 58.5 | 157        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 29  | 11   | 33     | 24     | 1.755     | -0.157    | 3.159 | 0.013     | 0.01      | 0         | 52   | 54.6 | 59.3 | 157        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 29  | 11   | 43     | 24     | 1.739     | -0.125    | 3.159 | 0.016     | 0.013     | 0         | 52   | 54.2 | 59.3 | 157        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 29  | 11   | 53     | 24     | 1.759     | -0.125    | 3.159 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 58.5 | 157        | 163        | 0          | 37     | 37     |
| 2009 | 6     | 29  | 12   | 3      | 24     | 1.768     | -0.115    | 3.159 | 0.016     | 0.016     | 0         | 52.5 | 54.6 | 57.6 | 157        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 12   | 13     | 24     | 1.762     | -0.089    | 3.159 | 0.016     | 0.013     | 0         | 52   | 54.6 | 58.9 | 156        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 12   | 23     | 24     | 1.726     | -0.092    | 3.159 | 0.013     | 0.01      | 0         | 52.5 | 55   | 59.8 | 158        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 29  | 12   | 33     | 24     | 1.772     | -0.141    | 3.159 | 0.016     | 0.016     | 0         | 52.5 | 55   | 58   | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 29  | 12   | 43     | 24     | 1.752     | -0.082    | 3.159 | 0.016     | 0.013     | 0         | 52.5 | 55   | 58.9 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 29  | 12   | 53     | 24     | 1.795     | -0.131    | 3.159 | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 58   | 158        | 164        | 0          | 35     | 38     |
| 2009 | 6     | 29  | 13   | 3      | 24     | 1.752     | -0.072    | 3.159 | 0.013     | 0.01      | 0         | 53.3 | 55.9 | 57.2 | 159        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 13   | 13     | 24     | 1.762     | -0.174    | 3.159 | 0.016     | 0.013     | 0         | 53.8 | 55.9 | 57.2 | 160        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 13   | 23     | 24     | 1.755     | -0.177    | 3.159 | 0.016     | 0.013     | 0         | 54.2 | 56.3 | 57.2 | 161        | 167        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 13   | 33     | 24     | 1.736     | -0.108    | 3.159 | 0.016     | 0.016     | 0         | 53.8 | 56.3 | 56.8 | 161        | 168        | 0          | 36     | 37     |
| 2009 | 6     | 29  | 13   | 43     | 24     | 1.759     | -0.151    | 3.159 | 0.016     | 0.016     | 0         | 53.8 | 55.9 | 58.5 | 160        | 167        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 13   | 53     | 24     | 1.752     | -0.148    | 3.159 | 0.016     | 0.013     | 0         | 53.3 | 55.9 | 59.3 | 159        | 166        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 14   | 3      | 24     | 1.778     | -0.148    | 3.159 | 0.016     | 0.013     | 0         | 52.5 | 55.5 | 59.3 | 158        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 29  | 14   | 13     | 24     | 1.752     | -0.171    | 3.159 | 0.016     | 0.013     | 0         | 52.5 | 55.5 | 57.6 | 158        | 165        | 0          | 36     | 36     |
| 2009 | 6     | 29  | 14   | 23     | 24     | 1.755     | -0.148    | 3.159 | 0.016     | 0.016     | 0         | 52   | 55   | 58.9 | 157        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 29  | 14   | 33     | 24     | 1.785     | -0.151    | 3.159 | 0.016     | 0.013     | 0         | 52   | 54.2 | 59.3 | 157        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 29  | 14   | 43     | 24     | 1.772     | -0.066    | 3.159 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 57.6 | 157        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 14   | 53     | 24     | 1.736     | -0.148    | 3.159 | 0.016     | 0.013     | 0         | 52   | 54.2 | 59.3 | 156        | 163        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 15   | 3      | 24     | 1.791     | -0.105    | 3.159 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 57.6 | 156        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 29  | 15   | 13     | 24     | 1.759     | -0.144    | 3.159 | 0.016     | 0.016     | 0         | 51.6 | 54.2 | 58.5 | 156        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 29  | 15   | 23     | 24     | 1.752     | -0.105    | 3.159 | 0.016     | 0.013     | 0         | 51.6 | 53.8 | 58.9 | 156        | 162        | 0          | 36     | 37     |
| 2009 | 6     | 29  | 15   | 33     | 24     | 1.781     | -0.174    | 3.159 | 0.016     | 0.013     | 0         | 51.6 | 53.8 | 58.5 | 155        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 15   | 43     | 24     | 1.772     | -0.167    | 3.159 | 0.016     | 0.013     | 0         | 51.6 | 53.8 | 58.9 | 155        | 162        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 15   | 53     | 24     | 1.742     | -0.18     | 3.159 | 0.016     | 0.016     | 0         | 51.6 | 53.8 | 61.1 | 155        | 162        | 0          | 35     | 37     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 29  | 16   | 3      | 24     | 1.759     | -0.121    | 3.159 | 0.016     | 0.016     | 0         | 51.2 | 53.8 | 58.9 | 155        | 162        | 0          | 36     | 37     |
| 2009 | 6     | 29  | 16   | 13     | 24     | 1.719     | -0.079    | 3.159 | 0.016     | 0.016     | 0         | 52   | 54.6 | 58.9 | 156        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 16   | 23     | 24     | 1.745     | -0.125    | 3.159 | 0.016     | 0.013     | 0         | 52   | 54.6 | 59.3 | 156        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 16   | 33     | 24     | 1.762     | -0.089    | 3.159 | 0.016     | 0.013     | 0         | 52   | 54.2 | 59.3 | 156        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 16   | 43     | 24     | 1.768     | -0.069    | 3.159 | 0.016     | 0.013     | 0         | 51.6 | 54.6 | 58.5 | 156        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 29  | 16   | 53     | 24     | 1.768     | -0.105    | 3.159 | 0.016     | 0.013     | 0         | 51.6 | 53.8 | 59.3 | 155        | 162        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 17   | 3      | 24     | 1.742     | -0.102    | 3.159 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 59.8 | 155        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 17   | 13     | 24     | 1.765     | -0.144    | 3.163 | 0.016     | 0.013     | 0         | 51.2 | 54.2 | 58.5 | 155        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 29  | 17   | 23     | 24     | 1.772     | -0.135    | 3.159 | 0.016     | 0.013     | 0         | 52   | 54.2 | 59.3 | 156        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 17   | 33     | 24     | 1.729     | -0.164    | 3.163 | 0.013     | 0.01      | 0         | 52   | 54.6 | 58.9 | 156        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 17   | 43     | 24     | 1.752     | -0.125    | 3.159 | 0.016     | 0.013     | 0         | 51.6 | 54.6 | 58   | 156        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 29  | 17   | 53     | 24     | 1.772     | -0.112    | 3.159 | 0.013     | 0.01      | 0         | 52   | 54.6 | 59.8 | 156        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 18   | 3      | 24     | 1.755     | -0.108    | 3.159 | 0.016     | 0.013     | 0         | 52   | 54.2 | 58.9 | 156        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 18   | 13     | 24     | 1.772     | -0.135    | 3.159 | 0.016     | 0.013     | 0         | 51.6 | 53.8 | 58.9 | 155        | 162        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 18   | 23     | 24     | 1.752     | -0.115    | 3.159 | 0.013     | 0.01      | 0         | 51.6 | 53.8 | 58.5 | 155        | 162        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 18   | 33     | 24     | 1.745     | -0.121    | 3.159 | 0.016     | 0.016     | 0         | 51.2 | 53.8 | 58.9 | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 18   | 43     | 24     | 1.762     | -0.102    | 3.159 | 0.016     | 0.013     | 0         | 51.6 | 53.8 | 58.9 | 155        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 18   | 53     | 24     | 1.768     | -0.135    | 3.159 | 0.016     | 0.016     | 0         | 51.6 | 53.8 | 59.8 | 155        | 162        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 19   | 3      | 24     | 1.762     | -0.141    | 3.163 | 0.013     | 0.01      | 0         | 51.6 | 53.8 | 59.8 | 155        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 19   | 13     | 24     | 1.745     | -0.138    | 3.159 | 0.016     | 0.013     | 0         | 51.6 | 53.8 | 60.2 | 155        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 19   | 23     | 24     | 1.768     | -0.121    | 3.159 | 0.016     | 0.016     | 0         | 51.6 | 53.8 | 60.2 | 155        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 19   | 33     | 24     | 1.775     | -0.148    | 3.163 | 0.013     | 0.01      | 0         | 51.6 | 54.2 | 58   | 155        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 19   | 43     | 24     | 1.775     | -0.128    | 3.163 | 0.013     | 0.01      | 0         | 51.6 | 54.2 | 59.3 | 155        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 19   | 53     | 24     | 1.778     | -0.184    | 3.163 | 0.016     | 0.016     | 0         | 51.2 | 54.2 | 59.3 | 155        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 29  | 20   | 3      | 24     | 1.736     | -0.148    | 3.163 | 0.013     | 0.01      | 0         | 51.6 | 54.2 | 58.9 | 155        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 20   | 13     | 24     | 1.791     | -0.164    | 3.163 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 59.3 | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 20   | 23     | 24     | 1.752     | -0.167    | 3.163 | 0.016     | 0.013     | 0         | 51.6 | 53.8 | 59.3 | 155        | 162        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 20   | 33     | 24     | 1.778     | -0.039    | 3.163 | 0.02      | 0.016     | 0         | 51.6 | 53.8 | 58.9 | 155        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 20   | 43     | 24     | 1.752     | -0.135    | 3.163 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 58.9 | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 20   | 53     | 24     | 1.765     | -0.108    | 3.163 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 59.3 | 155        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 21   | 3      | 24     | 1.781     | -0.144    | 3.163 | 0.016     | 0.016     | 0         | 51.6 | 54.2 | 58.9 | 155        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 21   | 13     | 24     | 1.736     | -0.125    | 3.163 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 58   | 155        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 21   | 23     | 24     | 1.739     | -0.125    | 3.163 | 0.016     | 0.013     | 0         | 51.6 | 53.3 | 59.3 | 155        | 161        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 21   | 33     | 24     | 1.778     | -0.089    | 3.163 | 0.016     | 0.013     | 0         | 51.6 | 53.8 | 59.3 | 155        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 21   | 43     | 24     | 1.795     | -0.135    | 3.163 | 0.013     | 0.01      | 0         | 51.6 | 53.8 | 59.3 | 155        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 21   | 53     | 24     | 1.755     | -0.072    | 3.163 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 60.2 | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 22   | 3      | 24     | 1.765     | -0.112    | 3.163 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 60.2 | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 22   | 13     | 24     | 1.762     | -0.102    | 3.163 | 0.016     | 0.013     | 0         | 51.2 | 53.3 | 59.8 | 154        | 161        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 22   | 23     | 24     | 1.759     | -0.131    | 3.163 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 58   | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 22   | 33     | 24     | 1.742     | -0.112    | 3.163 | 0.016     | 0.016     | 0         | 50.7 | 53.8 | 58.9 | 154        | 161        | 0          | 36     | 36     |
| 2009 | 6     | 29  | 22   | 43     | 24     | 1.781     | -0.066    | 3.166 | 0.013     | 0.01      | 0         | 51.2 | 53.8 | 58.5 | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 22   | 53     | 24     | 1.795     | -0.085    | 3.166 | 0.016     | 0.013     | 0         | 51.2 | 54.2 | 59.8 | 154        | 161        | 0          | 35     | 35     |
| 2009 | 6     | 29  | 23   | 3      | 24     | 1.768     | -0.141    | 3.166 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 58.9 | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 23   | 13     | 24     | 1.768     | -0.105    | 3.166 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 59.8 | 155        | 161        | 0          | 36     | 36     |
| 2009 | 6     | 29  | 23   | 23     | 24     | 1.788     | -0.18     | 3.166 | 0.013     | 0.01      | 0         | 51.6 | 53.8 | 59.3 | 155        | 162        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 23   | 33     | 24     | 1.755     | -0.066    | 3.166 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 58   | 155        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 29  | 23   | 43     | 24     | 1.768     | -0.052    | 3.166 | 0.016     | 0.013     | 0         | 51.6 | 53.8 | 58.9 | 155        | 162        | 0          | 35     | 37     |
| 2009 | 6     | 29  | 23   | 53     | 24     | 1.772     | -0.18     | 3.166 | 0.013     | 0.01      | 0         | 51.6 | 53.8 | 59.3 | 155        | 161        | 0          | 35     | 36     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 30  | 0    | 3      | 24     | 1.785     | -0.098    | 3.166 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 59.3 | 155        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 0    | 13     | 24     | 1.739     | -0.138    | 3.166 | 0.013     | 0.01      | 0         | 51.6 | 54.2 | 60.2 | 155        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 0    | 23     | 24     | 1.788     | -0.066    | 3.166 | 0.02      | 0.016     | 0         | 51.6 | 54.2 | 59.3 | 155        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 0    | 33     | 24     | 1.716     | -0.082    | 3.166 | 0.013     | 0.01      | 0         | 51.6 | 54.6 | 58.5 | 155        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 0    | 43     | 24     | 1.759     | -0.121    | 3.166 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 59.3 | 156        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 30  | 0    | 53     | 24     | 1.752     | -0.125    | 3.166 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 58.5 | 156        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 30  | 1    | 3      | 24     | 1.788     | -0.056    | 3.166 | 0.016     | 0.016     | 0         | 52   | 54.2 | 58.5 | 156        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 1    | 13     | 24     | 1.778     | -0.131    | 3.166 | 0.016     | 0.013     | 0         | 52   | 54.2 | 58.9 | 156        | 163        | 0          | 35     | 37     |
| 2009 | 6     | 30  | 1    | 23     | 24     | 1.759     | -0.069    | 3.166 | 0.016     | 0.013     | 0         | 52   | 54.6 | 57.6 | 156        | 162        | 0          | 35     | 35     |
| 2009 | 6     | 30  | 1    | 33     | 24     | 1.755     | -0.072    | 3.166 | 0.016     | 0.016     | 0         | 52   | 54.6 | 57.6 | 156        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 1    | 43     | 24     | 1.745     | -0.098    | 3.166 | 0.01      | 0.007     | 0         | 52   | 54.6 | 57.2 | 156        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 1    | 53     | 24     | 1.781     | -0.19     | 3.166 | 0.016     | 0.013     | 0         | 52   | 54.6 | 58.5 | 156        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 2    | 3      | 24     | 1.814     | -0.105    | 3.166 | 0.016     | 0.013     | 0         | 52   | 54.6 | 58   | 156        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 2    | 13     | 24     | 1.781     | -0.154    | 3.166 | 0.013     | 0.01      | 0         | 52   | 54.6 | 58.9 | 156        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 2    | 23     | 24     | 1.759     | -0.095    | 3.166 | 0.013     | 0.01      | 0         | 51.6 | 54.6 | 59.3 | 156        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 30  | 2    | 33     | 24     | 1.749     | -0.148    | 3.166 | 0.013     | 0.01      | 0         | 52.5 | 54.6 | 58   | 157        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 2    | 43     | 24     | 1.762     | -0.112    | 3.166 | 0.016     | 0.013     | 0         | 52   | 54.6 | 58   | 156        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 2    | 53     | 24     | 1.749     | -0.121    | 3.166 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 58.9 | 156        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 30  | 3    | 3      | 24     | 1.768     | -0.135    | 3.166 | 0.016     | 0.013     | 0         | 52.5 | 55   | 58.5 | 157        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 3    | 13     | 24     | 1.755     | -0.154    | 3.166 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 57.2 | 157        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 3    | 23     | 24     | 1.762     | -0.089    | 3.166 | 0.016     | 0.013     | 0         | 52   | 55   | 57.6 | 157        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 30  | 3    | 33     | 24     | 1.736     | -0.092    | 3.166 | 0.016     | 0.013     | 0         | 52   | 54.6 | 59.3 | 157        | 163        | 0          | 36     | 36     |
| 2009 | 6     | 30  | 3    | 43     | 24     | 1.804     | -0.112    | 3.166 | 0.016     | 0.016     | 0         | 52.5 | 54.6 | 57.2 | 157        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 3    | 53     | 24     | 1.785     | -0.085    | 3.166 | 0.016     | 0.016     | 0         | 52.5 | 54.6 | 57.6 | 157        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 30  | 4    | 3      | 24     | 1.745     | -0.141    | 3.166 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 57.6 | 157        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 4    | 13     | 24     | 1.791     | -0.154    | 3.166 | 0.016     | 0.016     | 0         | 52.5 | 55   | 58   | 157        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 4    | 23     | 24     | 1.745     | -0.056    | 3.166 | 0.016     | 0.016     | 0         | 52.5 | 55   | 58   | 157        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 4    | 33     | 24     | 1.749     | -0.079    | 3.166 | 0.016     | 0.016     | 0         | 52.5 | 55   | 56.8 | 157        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 4    | 43     | 24     | 1.752     | -0.125    | 3.166 | 0.013     | 0.01      | 0         | 52.5 | 54.6 | 56.3 | 157        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 30  | 4    | 53     | 24     | 1.765     | -0.112    | 3.166 | 0.013     | 0.01      | 0         | 52.5 | 54.6 | 57.6 | 157        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 30  | 5    | 3      | 24     | 1.759     | -0.138    | 3.166 | 0.016     | 0.013     | 0         | 52.5 | 55   | 57.2 | 157        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 5    | 13     | 24     | 1.745     | -0.069    | 3.166 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 55.9 | 158        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 5    | 23     | 24     | 1.775     | -0.131    | 3.166 | 0.013     | 0.01      | 0         | 52.9 | 55.5 | 56.8 | 158        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 5    | 33     | 24     | 1.762     | -0.157    | 3.169 | 0.02      | 0.016     | 0         | 52.9 | 55   | 55.9 | 158        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 30  | 5    | 43     | 24     | 1.749     | -0.141    | 3.169 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 55.5 | 158        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 5    | 53     | 24     | 1.745     | -0.115    | 3.169 | 0.013     | 0.01      | 0         | 52.9 | 55.5 | 57.2 | 158        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 6    | 3      | 24     | 1.775     | -0.135    | 3.169 | 0.013     | 0.01      | 0         | 52.9 | 55.5 | 57.2 | 158        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 6    | 13     | 24     | 1.755     | -0.115    | 3.169 | 0.013     | 0.01      | 0         | 52.9 | 55.5 | 55.5 | 158        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 6    | 23     | 24     | 1.762     | -0.095    | 3.169 | 0.013     | 0.01      | 0         | 52.5 | 55   | 55.9 | 158        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 30  | 6    | 33     | 24     | 1.745     | -0.112    | 3.173 | 0.02      | 0.016     | 0         | 52.9 | 55   | 57.2 | 158        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 6    | 43     | 24     | 1.768     | -0.187    | 3.173 | 0.016     | 0.013     | 0         | 52.9 | 55   | 56.8 | 158        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 30  | 6    | 53     | 24     | 1.785     | -0.072    | 3.173 | 0.016     | 0.013     | 0         | 52.9 | 54.6 | 54.6 | 158        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 30  | 7    | 3      | 24     | 1.778     | -0.148    | 3.176 | 0.013     | 0.01      | 0         | 52.9 | 55   | 55.5 | 158        | 165        | 0          | 35     | 37     |
| 2009 | 6     | 30  | 7    | 13     | 24     | 1.772     | -0.118    | 3.173 | 0.016     | 0.013     | 0         | 52.5 | 55   | 56.8 | 158        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 30  | 7    | 23     | 24     | 1.781     | -0.108    | 3.179 | 0.01      | 0.007     | 0         | 52.5 | 54.6 | 55   | 158        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 30  | 7    | 33     | 24     | 1.765     | -0.144    | 3.176 | 0.016     | 0.013     | 0         | 52   | 54.6 | 56.3 | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 30  | 7    | 43     | 24     | 1.732     | -0.131    | 3.179 | 0.016     | 0.016     | 0         | 52.5 | 55   | 54.6 | 157        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 7    | 53     | 24     | 1.755     | -0.148    | 3.179 | 0.016     | 0.016     | 0         | 52.9 | 55   | 56.8 | 158        | 164        | 0          | 35     | 36     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 30  | 8    | 3      | 24     | 1.759     | -0.151    | 3.179 | 0.016     | 0.016     | 0         | 52.5 | 55   | 55.9 | 157        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 8    | 13     | 24     | 1.775     | -0.112    | 3.179 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 55.5 | 158        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 30  | 8    | 23     | 24     | 1.722     | -0.115    | 3.182 | 0.016     | 0.013     | 0         | 52.9 | 54.6 | 56.3 | 158        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 30  | 8    | 33     | 24     | 1.791     | -0.167    | 3.179 | 0.013     | 0.01      | 0         | 52.9 | 55   | 56.3 | 158        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 8    | 43     | 24     | 1.745     | -0.213    | 3.182 | 0.016     | 0.013     | 0         | 52.9 | 55   | 57.6 | 158        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 8    | 53     | 24     | 1.719     | -0.125    | 3.182 | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 56.8 | 158        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 30  | 9    | 3      | 24     | 1.755     | -0.154    | 3.182 | 0.02      | 0.016     | 0         | 52.9 | 54.6 | 57.2 | 158        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 30  | 9    | 13     | 24     | 1.752     | -0.154    | 3.182 | 0.013     | 0.01      | 0         | 52.9 | 54.6 | 56.8 | 158        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 30  | 9    | 23     | 24     | 1.762     | -0.177    | 3.182 | 0.013     | 0.01      | 0         | 52.5 | 55   | 58   | 158        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 30  | 9    | 33     | 24     | 1.762     | -0.144    | 3.186 | 0.016     | 0.013     | 0         | 52   | 55   | 57.6 | 157        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 30  | 9    | 43     | 24     | 1.795     | -0.18     | 3.182 | 0.016     | 0.013     | 0         | 52.5 | 55   | 56.8 | 158        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 30  | 9    | 53     | 24     | 1.742     | -0.161    | 3.186 | 0.013     | 0.01      | 0         | 52   | 54.6 | 58   | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 30  | 10   | 3      | 24     | 1.765     | -0.131    | 3.186 | 0.016     | 0.016     | 0         | 52.9 | 55.5 | 57.2 | 158        | 165        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 10   | 13     | 24     | 1.791     | -0.167    | 3.186 | 0.016     | 0.013     | 0         | 52.5 | 55   | 57.6 | 158        | 165        | 0          | 36     | 37     |
| 2009 | 6     | 30  | 10   | 23     | 24     | 1.788     | -0.102    | 3.186 | 0.016     | 0.013     | 0         | 52   | 54.6 | 58   | 157        | 164        | 0          | 36     | 37     |
| 2009 | 6     | 30  | 10   | 33     | 24     | 1.749     | -0.144    | 3.186 | 0.016     | 0.016     | 0         | 52.9 | 55   | 57.6 | 158        | 164        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 10   | 43     | 24     | 1.781     | -0.138    | 3.186 | 0.016     | 0.013     | 0         | 52   | 55   | 58   | 157        | 164        | 0          | 36     | 36     |
| 2009 | 6     | 30  | 10   | 53     | 24     | 1.755     | -0.121    | 3.186 | 0.016     | 0.013     | 0         | 52.5 | 54.6 | 59.3 | 157        | 164        | 0          | 35     | 37     |
| 2009 | 6     | 30  | 11   | 3      | 24     | 1.755     | -0.121    | 3.186 | 0.02      | 0.016     | 0         | 52.5 | 54.6 | 56.8 | 157        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 11   | 13     | 24     | 1.781     | -0.095    | 3.186 | 0.016     | 0.016     | 0         | 52   | 54.2 | 57.6 | 156        | 163        | 0          | 35     | 37     |
| 2009 | 6     | 30  | 11   | 23     | 24     | 1.795     | -0.125    | 3.186 | 0.016     | 0.013     | 0         | 52   | 54.2 | 58.9 | 157        | 163        | 0          | 36     | 37     |
| 2009 | 6     | 30  | 11   | 33     | 24     | 1.745     | -0.095    | 3.186 | 0.016     | 0.013     | 0         | 52   | 54.2 | 58   | 156        | 163        | 0          | 35     | 37     |
| 2009 | 6     | 30  | 11   | 43     | 24     | 1.759     | -0.135    | 3.186 | 0.016     | 0.016     | 0         | 52   | 54.6 | 57.6 | 156        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 11   | 53     | 24     | 1.762     | -0.177    | 3.186 | 0.016     | 0.016     | 0         | 52   | 54.2 | 58.5 | 156        | 163        | 0          | 35     | 37     |
| 2009 | 6     | 30  | 12   | 3      | 24     | 1.795     | -0.144    | 3.186 | 0.01      | 0.007     | 0         | 52   | 54.6 | 59.3 | 156        | 163        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 12   | 13     | 24     | 1.781     | -0.157    | 3.186 | 0.013     | 0.01      | 0         | 51.6 | 53.8 | 58.5 | 156        | 162        | 0          | 36     | 37     |
| 2009 | 6     | 30  | 12   | 23     | 24     | 1.752     | -0.184    | 3.186 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 58.5 | 156        | 162        | 0          | 36     | 36     |
| 2009 | 6     | 30  | 12   | 33     | 24     | 1.827     | -0.138    | 3.189 | 0.016     | 0.013     | 0         | 51.6 | 53.8 | 58.5 | 155        | 162        | 0          | 35     | 37     |
| 2009 | 6     | 30  | 12   | 43     | 24     | 1.765     | -0.125    | 3.189 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 59.3 | 155        | 162        | 0          | 36     | 37     |
| 2009 | 6     | 30  | 12   | 53     | 24     | 1.804     | -0.164    | 3.189 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 59.8 | 155        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 13   | 3      | 24     | 1.762     | -0.148    | 3.189 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 59.8 | 155        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 13   | 13     | 24     | 1.778     | -0.187    | 3.189 | 0.016     | 0.016     | 0         | 51.6 | 53.8 | 59.8 | 155        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 13   | 23     | 24     | 1.745     | -0.154    | 3.189 | 0.016     | 0.013     | 0         | 50.7 | 53.3 | 58.9 | 154        | 161        | 0          | 36     | 37     |
| 2009 | 6     | 30  | 13   | 33     | 24     | 1.729     | -0.121    | 3.189 | 0.013     | 0.01      | 0         | 51.2 | 52.9 | 58.5 | 154        | 161        | 0          | 35     | 38     |
| 2009 | 6     | 30  | 13   | 43     | 24     | 1.749     | -0.171    | 3.189 | 0.013     | 0.01      | 0         | 51.2 | 53.3 | 59.3 | 154        | 161        | 0          | 35     | 37     |
| 2009 | 6     | 30  | 13   | 53     | 24     | 1.759     | -0.194    | 3.189 | 0.016     | 0.013     | 0         | 51.2 | 53.3 | 58   | 154        | 161        | 0          | 35     | 37     |
| 2009 | 6     | 30  | 14   | 3      | 24     | 1.775     | -0.19     | 3.189 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 58.9 | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 14   | 13     | 24     | 1.772     | -0.095    | 3.189 | 0.016     | 0.013     | 0         | 50.7 | 52.9 | 58   | 154        | 160        | 0          | 36     | 37     |
| 2009 | 6     | 30  | 14   | 23     | 24     | 1.762     | -0.151    | 3.189 | 0.016     | 0.013     | 0         | 51.2 | 52.9 | 58.9 | 154        | 160        | 0          | 35     | 37     |
| 2009 | 6     | 30  | 14   | 33     | 24     | 1.804     | -0.148    | 3.189 | 0.016     | 0.013     | 0         | 50.7 | 52.9 | 58.5 | 154        | 160        | 0          | 36     | 37     |
| 2009 | 6     | 30  | 14   | 43     | 24     | 1.755     | -0.161    | 3.189 | 0.016     | 0.013     | 0         | 50.7 | 53.3 | 59.3 | 154        | 160        | 0          | 36     | 36     |
| 2009 | 6     | 30  | 14   | 53     | 24     | 1.775     | -0.18     | 3.189 | 0.016     | 0.013     | 0         | 51.2 | 53.3 | 59.8 | 154        | 161        | 0          | 35     | 37     |
| 2009 | 6     | 30  | 15   | 3      | 24     | 1.739     | -0.177    | 3.189 | 0.016     | 0.016     | 0         | 50.7 | 53.3 | 59.3 | 153        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 15   | 13     | 24     | 1.742     | -0.154    | 3.189 | 0.016     | 0.013     | 0         | 50.7 | 53.3 | 59.3 | 153        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 15   | 23     | 24     | 1.765     | -0.187    | 3.189 | 0.013     | 0.01      | 0         | 50.3 | 53.3 | 59.8 | 153        | 160        | 0          | 36     | 36     |
| 2009 | 6     | 30  | 15   | 33     | 24     | 1.755     | -0.141    | 3.192 | 0.016     | 0.016     | 0         | 50.7 | 53.3 | 59.8 | 153        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 15   | 43     | 24     | 1.775     | -0.19     | 3.189 | 0.016     | 0.013     | 0         | 50.3 | 52.9 | 59.8 | 153        | 159        | 0          | 36     | 36     |
| 2009 | 6     | 30  | 15   | 53     | 24     | 1.801     | -0.125    | 3.192 | 0.013     | 0.01      | 0         | 50.7 | 52.9 | 59.8 | 153        | 160        | 0          | 35     | 37     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 30  | 16   | 3      | 24     | 1.788     | -0.105    | 3.192 | 0.013     | 0.01      | 0         | 50.7 | 52.9 | 59.3 | 153        | 159        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 16   | 13     | 24     | 1.768     | -0.112    | 3.192 | 0.013     | 0.01      | 0         | 50.7 | 52.5 | 60.6 | 153        | 159        | 0          | 35     | 37     |
| 2009 | 6     | 30  | 16   | 23     | 24     | 1.762     | -0.167    | 3.192 | 0.013     | 0.01      | 0         | 50.7 | 52.9 | 59.8 | 153        | 159        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 16   | 33     | 24     | 1.749     | -0.194    | 3.192 | 0.016     | 0.016     | 0         | 50.3 | 52.9 | 58.9 | 153        | 160        | 0          | 36     | 37     |
| 2009 | 6     | 30  | 16   | 43     | 24     | 1.736     | -0.148    | 3.192 | 0.016     | 0.013     | 0         | 50.7 | 52.9 | 58.9 | 153        | 160        | 0          | 35     | 37     |
| 2009 | 6     | 30  | 16   | 53     | 24     | 1.798     | -0.131    | 3.192 | 0.013     | 0.01      | 0         | 50.7 | 53.3 | 58.9 | 153        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 17   | 3      | 24     | 1.778     | -0.157    | 3.196 | 0.016     | 0.013     | 0         | 50.7 | 53.3 | 60.2 | 153        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 17   | 13     | 24     | 1.775     | -0.167    | 3.196 | 0.016     | 0.013     | 0         | 50.7 | 53.3 | 58.9 | 153        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 17   | 23     | 24     | 1.762     | -0.167    | 3.196 | 0.013     | 0.01      | 0         | 50.3 | 52.9 | 60.6 | 153        | 160        | 0          | 36     | 37     |
| 2009 | 6     | 30  | 17   | 33     | 24     | 1.759     | -0.184    | 3.196 | 0.013     | 0.01      | 0         | 50.7 | 52.9 | 58.9 | 153        | 160        | 0          | 35     | 37     |
| 2009 | 6     | 30  | 17   | 43     | 24     | 1.755     | -0.197    | 3.196 | 0.016     | 0.016     | 0         | 50.7 | 53.3 | 58.9 | 153        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 17   | 53     | 24     | 1.778     | -0.2      | 3.196 | 0.016     | 0.013     | 0         | 50.3 | 53.3 | 58.9 | 153        | 160        | 0          | 36     | 36     |
| 2009 | 6     | 30  | 18   | 3      | 24     | 1.752     | -0.151    | 3.196 | 0.016     | 0.016     | 0         | 50.7 | 53.3 | 59.8 | 153        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 18   | 13     | 24     | 1.772     | -0.151    | 3.196 | 0.016     | 0.013     | 0         | 50.7 | 53.3 | 59.3 | 153        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 18   | 23     | 24     | 1.755     | -0.157    | 3.196 | 0.016     | 0.013     | 0         | 50.7 | 53.3 | 58.9 | 153        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 18   | 33     | 24     | 1.775     | -0.131    | 3.199 | 0.016     | 0.013     | 0         | 50.3 | 52.9 | 57.6 | 152        | 159        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 18   | 43     | 24     | 1.791     | -0.148    | 3.199 | 0.013     | 0.01      | 0         | 50.3 | 52.9 | 60.6 | 152        | 159        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 18   | 53     | 24     | 1.808     | -0.144    | 3.199 | 0.016     | 0.016     | 0         | 50.3 | 52.9 | 58.9 | 152        | 159        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 19   | 3      | 24     | 1.762     | -0.167    | 3.199 | 0.013     | 0.01      | 0         | 50.3 | 52.9 | 59.3 | 152        | 159        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 19   | 13     | 24     | 1.781     | -0.128    | 3.199 | 0.016     | 0.013     | 0         | 50.3 | 52.9 | 58.9 | 152        | 159        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 19   | 23     | 24     | 1.791     | -0.144    | 3.199 | 0.016     | 0.013     | 0         | 49.9 | 52.9 | 60.6 | 152        | 159        | 0          | 36     | 36     |
| 2009 | 6     | 30  | 19   | 33     | 24     | 1.785     | -0.177    | 3.199 | 0.013     | 0.01      | 0         | 50.7 | 53.3 | 60.2 | 153        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 19   | 43     | 24     | 1.798     | -0.177    | 3.199 | 0.016     | 0.013     | 0         | 50.7 | 53.3 | 59.3 | 153        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 19   | 53     | 24     | 1.795     | -0.095    | 3.199 | 0.013     | 0.01      | 0         | 50.7 | 53.3 | 59.8 | 153        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 20   | 3      | 24     | 1.798     | -0.154    | 3.199 | 0.01      | 0.007     | 0         | 50.7 | 53.3 | 59.3 | 154        | 160        | 0          | 36     | 36     |
| 2009 | 6     | 30  | 20   | 13     | 24     | 1.801     | -0.131    | 3.199 | 0.016     | 0.016     | 0         | 50.7 | 52.9 | 58.5 | 153        | 160        | 0          | 35     | 37     |
| 2009 | 6     | 30  | 20   | 23     | 24     | 1.788     | -0.141    | 3.199 | 0.016     | 0.013     | 0         | 50.7 | 53.3 | 59.8 | 153        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 20   | 33     | 24     | 1.798     | -0.197    | 3.202 | 0.013     | 0.01      | 0         | 50.7 | 53.3 | 58.5 | 153        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 20   | 43     | 24     | 1.762     | -0.138    | 3.199 | 0.013     | 0.01      | 0         | 50.7 | 53.3 | 61.1 | 153        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 20   | 53     | 24     | 1.775     | -0.164    | 3.199 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 60.6 | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 21   | 3      | 24     | 1.759     | -0.121    | 3.202 | 0.013     | 0.01      | 0         | 50.3 | 53.3 | 60.6 | 153        | 160        | 0          | 36     | 36     |
| 2009 | 6     | 30  | 21   | 13     | 24     | 1.795     | -0.184    | 3.202 | 0.016     | 0.013     | 0         | 51.2 | 53.3 | 59.8 | 154        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 21   | 23     | 24     | 1.759     | -0.151    | 3.202 | 0.013     | 0.01      | 0         | 51.2 | 52.9 | 58.9 | 154        | 160        | 0          | 35     | 37     |
| 2009 | 6     | 30  | 21   | 33     | 24     | 1.795     | -0.177    | 3.202 | 0.013     | 0.01      | 0         | 50.7 | 53.3 | 60.2 | 153        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 21   | 43     | 24     | 1.749     | -0.125    | 3.202 | 0.016     | 0.013     | 0         | 50.7 | 53.3 | 60.6 | 153        | 160        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 21   | 53     | 24     | 1.749     | -0.203    | 3.202 | 0.016     | 0.016     | 0         | 51.2 | 53.8 | 59.8 | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 22   | 3      | 24     | 1.775     | -0.161    | 3.202 | 0.016     | 0.013     | 0         | 51.2 | 53.3 | 59.3 | 154        | 161        | 0          | 35     | 37     |
| 2009 | 6     | 30  | 22   | 13     | 24     | 1.765     | -0.121    | 3.202 | 0.016     | 0.013     | 0         | 51.2 | 53.8 | 58.9 | 154        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 22   | 23     | 24     | 1.759     | -0.131    | 3.202 | 0.016     | 0.013     | 0         | 52   | 54.2 | 58.5 | 156        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 22   | 33     | 24     | 1.798     | -0.121    | 3.202 | 0.013     | 0.01      | 0         | 51.6 | 53.8 | 59.8 | 155        | 162        | 0          | 35     | 37     |
| 2009 | 6     | 30  | 22   | 43     | 24     | 1.762     | -0.102    | 3.202 | 0.016     | 0.016     | 0         | 51.6 | 53.8 | 58.9 | 155        | 162        | 0          | 35     | 37     |
| 2009 | 6     | 30  | 22   | 53     | 24     | 1.765     | -0.135    | 3.202 | 0.013     | 0.01      | 0         | 51.6 | 54.2 | 58.9 | 155        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 23   | 3      | 24     | 1.752     | -0.144    | 3.202 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 58.9 | 155        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 23   | 13     | 24     | 1.788     | -0.141    | 3.202 | 0.016     | 0.013     | 0         | 51.6 | 54.2 | 59.8 | 155        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 23   | 23     | 24     | 1.765     | -0.144    | 3.202 | 0.016     | 0.016     | 0         | 52   | 53.8 | 58   | 155        | 161        | 0          | 34     | 36     |
| 2009 | 6     | 30  | 23   | 33     | 24     | 1.775     | -0.112    | 3.202 | 0.013     | 0.01      | 0         | 51.6 | 54.2 | 58.9 | 155        | 162        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 23   | 43     | 24     | 1.772     | -0.092    | 3.202 | 0.016     | 0.016     | 0         | 51.6 | 53.8 | 58   | 155        | 161        | 0          | 35     | 36     |
| 2009 | 6     | 30  | 23   | 53     | 24     | 1.765     | -0.144    | 3.202 | 0.013     | 0.01      | 0         | 51.6 | 53.8 | 59.8 | 155        | 161        | 0          | 35     | 36     |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 1   | 0    | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 0    | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 0    | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 0    | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 0    | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 0    | 52     | 53     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 1    | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 1    | 12     | 53     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 1    | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 1    | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 1    | 42     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 1    | 52     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 2      | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 4    | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 4    | 12     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 4    | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 4    | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 4    | 42     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 4    | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 5    | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 5    | 12     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 5    | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 5    | 32     | 53     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 5    | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 5    | 52     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 6    | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 6    | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 6    | 22     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 6    | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 6    | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 6    | 52     | 53     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 7    | 2      | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 7    | 12     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 7    | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 7    | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 7    | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 7    | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 1   | 8    | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 8    | 12     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 8    | 22     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 8    | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 8    | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 8    | 52     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 9    | 2      | 53     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 9    | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 9    | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 9    | 32     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 9    | 42     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 9    | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 10   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 10   | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 10   | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 10   | 32     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 10   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 10   | 52     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 11   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 11   | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 11   | 22     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 11   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 11   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 11   | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 12   | 2      | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 12   | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 12   | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 12   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 12   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 12   | 52     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 13   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 13   | 12     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 13   | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 13   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 13   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 13   | 52     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 14   | 2      | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 14   | 12     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 14   | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 14   | 32     | 53     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 14   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 14   | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 15   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 15   | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 15   | 22     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 15   | 32     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 15   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 15   | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 1   | 16   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 16   | 12     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 16   | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 16   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 16   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 16   | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 17   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 17   | 12     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 17   | 22     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 17   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 17   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 17   | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 18   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 18   | 12     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 18   | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 18   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 18   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 18   | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 19   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 19   | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 19   | 22     | 53     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 19   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 19   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 19   | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 20   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 20   | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 20   | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 20   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 20   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 20   | 52     | 53     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 21   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 21   | 12     | 53     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 21   | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 21   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 21   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 21   | 52     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 22   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 22   | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 22   | 22     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 22   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 22   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 22   | 52     | 53     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 23   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 23   | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 23   | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 23   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 23   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 23   | 52     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 2   | 0    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 0    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 0    | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 0    | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 0    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 0    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 1    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 1    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 1    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 1    | 32     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 1    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 1    | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 2    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 2    | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 2    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 2    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 2    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 2    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 3    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 3    | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 3    | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 3    | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 3    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 3    | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 4    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 4    | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 4    | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 4    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 4    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 4    | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 5    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 5    | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 5    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 5    | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 5    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 5    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 6    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 6    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 6    | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 6    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 6    | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 6    | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 7    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 7    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 7    | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 7    | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 7    | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 7    | 52     | 53     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 11.8    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 2   | 8    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 8    | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 8    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 8    | 32     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12      |
| 2009 | 6     | 2   | 8    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12      |
| 2009 | 6     | 2   | 8    | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12      |
| 2009 | 6     | 2   | 9    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12      |
| 2009 | 6     | 2   | 9    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 9    | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 9    | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 9    | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 9    | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 10   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 10   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 10   | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 10   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 10   | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 10   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 11   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 11   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 11   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 11   | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 11   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 11   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 12   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 12   | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 12   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 12   | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 12   | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 12   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 13   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 13   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 13   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 13   | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 13   | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 13   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 14   | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 14   | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 14   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 14   | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 14   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 14   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 15   | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 15   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 15   | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 15   | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 15   | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 15   | 52     | 53     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 2   | 16   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 16   | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 16   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 16   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 16   | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 16   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 17   | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 17   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 12      |
| 2009 | 6     | 2   | 17   | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 17   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 17   | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 17   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 18   | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 18   | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 18   | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 18   | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 18   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 18   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 19   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 19   | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 19   | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 19   | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 19   | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 19   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12      |
| 2009 | 6     | 2   | 20   | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12      |
| 2009 | 6     | 2   | 20   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 20   | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 20   | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 20   | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 20   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 21   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 21   | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 21   | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 21   | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 21   | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 21   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 22   | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 22   | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 22   | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 22   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 22   | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 22   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 23   | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 23   | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 23   | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 23   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 23   | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 23   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 3   | 0    | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 0    | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 0    | 22     | 53     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 0    | 32     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 0    | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 0    | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 1    | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 1    | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 1    | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 1    | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 1    | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 1    | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 2    | 2      | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 2    | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 2    | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 2    | 32     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 2    | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 2    | 52     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 3    | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 3    | 12     | 53     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 3    | 22     | 53     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 3    | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 3    | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 3    | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 4    | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 4    | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 4    | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 4    | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 4    | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 4    | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 5    | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 5    | 12     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 5    | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 5    | 32     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 5    | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 5    | 52     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 6    | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 6    | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 6    | 22     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 6    | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 6    | 42     | 53     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 6    | 52     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 7    | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 7    | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 7    | 22     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 7    | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 7    | 42     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 7    | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 3   | 8    | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 8    | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 8    | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 8    | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 8    | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 8    | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 9    | 2      | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 9    | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 9    | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 9    | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 9    | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 9    | 52     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 10   | 2      | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 10   | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 10   | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 10   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 10   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 10   | 52     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 11   | 2      | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 11   | 12     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 11   | 22     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 11   | 32     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 11   | 42     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 11   | 52     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 12   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 12   | 12     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 12   | 22     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 12   | 32     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 12   | 42     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 12   | 52     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 13   | 2      | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 13   | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 13   | 22     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 13   | 32     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 13   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 13   | 52     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 14   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 14   | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 14   | 22     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 14   | 32     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 14   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 14   | 52     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 15   | 2      | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 15   | 12     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 15   | 22     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 15   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 15   | 42     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 15   | 52     | 53     | 39     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 3   | 16   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 16   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 16   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 16   | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 16   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 16   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 17   | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 17   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 17   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 17   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 17   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 17   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 18   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 18   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 18   | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 18   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 18   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 18   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 19   | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 19   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 19   | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 19   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 19   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 19   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 20   | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 20   | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 20   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 20   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 20   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 20   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 21   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 21   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 21   | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 21   | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 21   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 21   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 22   | 2      | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 22   | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 22   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 22   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 22   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 22   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 23   | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 23   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 23   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 23   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 23   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 23   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 4   | 0    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 0    | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 0    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 0    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 0    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 0    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 1    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 1    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 1    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 1    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 1    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 1    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 42     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 22     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 22     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 52     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 7    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 7    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 7    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 7    | 32     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 7    | 42     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 7    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.01       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 4   | 8    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 8    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 8    | 22     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 8    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 8    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 8    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.9        | 0        | 0              | 12      |
| 2009 | 6     | 4   | 9    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.9        | 0        | 0              | 12      |
| 2009 | 6     | 4   | 9    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.9        | 0        | 0              | 12      |
| 2009 | 6     | 4   | 9    | 22     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.9        | 0        | 0              | 12      |
| 2009 | 6     | 4   | 9    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.9        | 0        | 0              | 12      |
| 2009 | 6     | 4   | 9    | 42     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 9    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 10   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 10   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 10   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 10   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 10   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 10   | 52     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 11   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 11   | 12     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 11   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 11   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 11   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 11   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 12   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 12   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.42       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 12   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.48       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 12   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.55       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 12   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.6        | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 12   | 52     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.67       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 13   | 2      | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.73       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 13   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.8        | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 13   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 13   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.94       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 13   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 13   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 14   | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 14   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 14   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 14   | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 14   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 14   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 15   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 15   | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 15   | 22     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 15   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 15   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 15   | 52     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.79       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 4   | 16   | 2      | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 16   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 16   | 22     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 16   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 16   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 16   | 52     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 17   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 17   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 17   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.2        | 0        | 0              | 12      |
| 2009 | 6     | 4   | 17   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 17   | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.29       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 17   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 18   | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 18   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 18   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 18   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 18   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 18   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 19   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 19   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 19   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 19   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 19   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 19   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 20   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 20   | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 20   | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 20   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 20   | 42     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 20   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 21   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 21   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 21   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 21   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 21   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 21   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 22   | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 22   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 22   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 22   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 22   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 22   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 23   | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 23   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 23   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 23   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 23   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 23   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 11.8    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 5   | 0    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 0    | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 0    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 0    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 0    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 0    | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 1    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 1    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 1    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 1    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 1    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 1    | 52     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 2    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 2    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 2    | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 2    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 2    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 2    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 3    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 3    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 3    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 3    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 3    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 3    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 4    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 4    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 4    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 4    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 4    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 4    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 5    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 5    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 5    | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 5    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 5    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 5    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 6    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 6    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 6    | 22     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 6    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61          | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 6    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 6    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 7    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 7    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 7    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 7    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 7    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 7    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.62       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 5   | 8    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 8    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 8    | 22     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 8    | 32     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 8    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 8    | 52     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 9    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 9    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.31       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 9    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 9    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 9    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.26       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 9    | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.24       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 10   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.24       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 10   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.24       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 10   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.24       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 10   | 32     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 10   | 42     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 10   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 11   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 11   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 11   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 11   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 11   | 42     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 11   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 12   | 2      | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 12   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 12   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 12   | 32     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 12   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 12   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.94       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 13   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.02       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 13   | 12     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 13   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 13   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 13   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 13   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 14   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.52       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 14   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 14   | 22     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.7        | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 14   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.77       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 14   | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 14   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 15   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 15   | 12     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 15   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 15   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 15   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 15   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 5   | 16   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.4        | 0        | 0              | 12      |
| 2009 | 6     | 5   | 16   | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 16   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 16   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 16   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 16   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 17   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 17   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 17   | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 17   | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 17   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 17   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 18   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 18   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 12      |
| 2009 | 6     | 5   | 18   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 18   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 18   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 18   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 19   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 19   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 19   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 19   | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 19   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 19   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 20   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 20   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 20   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 20   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 20   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 20   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 21   | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 21   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 21   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 21   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 21   | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 21   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 22   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 22   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 22   | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 22   | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 22   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 22   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 23   | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 23   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 23   | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 23   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 23   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 23   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 6   | 0    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 0    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 0    | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 0    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 0    | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 0    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 1    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 1    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 1    | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 1    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 1    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 1    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 2    | 2      | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 2    | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 2    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 2    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 2    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 2    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 3    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 3    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 3    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 3    | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 3    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 3    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 4    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 4    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 4    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 4    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 4    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 4    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 5    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 5    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 5    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 5    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 5    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 5    | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 6    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 6    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 6    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 6    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 6    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 6    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 7    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 7    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 7    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 7    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 7    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.5        | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 7    | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.45       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 6   | 8    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 8    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 8    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 8    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 8    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 8    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 9    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 9    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 9    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 9    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 9    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 9    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 10   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 10   | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.91       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 10   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.91       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 10   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 10   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 10   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.85       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 11   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.85       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 11   | 12     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.84       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 11   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 11   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 11   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 11   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 12   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 12   | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 12   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.12       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 12   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 12   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 12   | 52     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 13   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.38       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 13   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 13   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 13   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 13   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 13   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 14   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 14   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 14   | 22     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 14   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 14   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 14   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 15   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 15   | 12     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 15   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 15   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 15   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 15   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.49       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 6   | 16   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 16   | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 16   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 16   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 16   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 16   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 17   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 17   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 17   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 17   | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 17   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 17   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 18   | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 18   | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 18   | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 18   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 18   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 18   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 19   | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 19   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 19   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 19   | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 19   | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 19   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 20   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 20   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 20   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 20   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 20   | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 20   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 21   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 21   | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 21   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 21   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 21   | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 21   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 22   | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 22   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 22   | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 22   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 22   | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 22   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 23   | 2      | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 23   | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 23   | 22     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 23   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 23   | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 23   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 7   | 0    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 0    | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 0    | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 0    | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 0    | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 0    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 1    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 1    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 1    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 1    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 1    | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 1    | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 2    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 2    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 2    | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 2    | 32     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 2    | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 2    | 52     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 3    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 3    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 3    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 3    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 3    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 3    | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 4    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 4    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 4    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 4    | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 4    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 4    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 5    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 5    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 5    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 5    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 5    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 5    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 6    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 6    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 6    | 22     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 6    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 6    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 6    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 7    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 7    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 7    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 7    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 7    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 7    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 7   | 8    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 8    | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 8    | 22     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 8    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.97       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 8    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 8    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 9    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.93       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 9    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.93       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 9    | 22     | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.93       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 9    | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.93       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 9    | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 9    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 10   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 10   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 10   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 10   | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 10   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 10   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 11   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 11   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 11   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 11   | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 11   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 11   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 12   | 2      | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 12   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 12   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 12   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 12   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 12   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 13   | 2      | 53     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 13   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 13   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 13   | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 13   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 13   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 14   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 14   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 14   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 14   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 14   | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 14   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 15   | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 15   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 15   | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 15   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 15   | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 15   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12.2    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 7   | 16   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 16   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 16   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 16   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 16   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 16   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 17   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 17   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12      |
| 2009 | 6     | 7   | 17   | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 17   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 17   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 17   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 18   | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12      |
| 2009 | 6     | 7   | 18   | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 18   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 18   | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 18   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 18   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 19   | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 19   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 19   | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 19   | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 19   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 19   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 20   | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 20   | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 20   | 22     | 53     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 20   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 20   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 20   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 21   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 21   | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 21   | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 21   | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 21   | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 21   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 22   | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 22   | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 22   | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 22   | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 22   | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 22   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 23   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 23   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 23   | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 23   | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 23   | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 23   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 8   | 0    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 0    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 0    | 22     | 53     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 0    | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 0    | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 0    | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 1    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 1    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 1    | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 1    | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 1    | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 1    | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 2    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 2    | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 2    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 2    | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 2    | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 2    | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 3    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 3    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 3    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 3    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 3    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 3    | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 4    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 4    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 4    | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 4    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 4    | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 4    | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 5    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 5    | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 5    | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 5    | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 5    | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 5    | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 6    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 6    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 6    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 6    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 6    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 6    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 7    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 7    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 7    | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 7    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 7    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 7    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 8   | 8    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 8    | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 8    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 8    | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 8    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 8    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 9    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 9    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 9    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 9    | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 9    | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 9    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 10   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 10   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 10   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 10   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 10   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 10   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 11   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 11   | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 11   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 11   | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 11   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 11   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 12   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 12   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 12   | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 12   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 12   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 12   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 13   | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 13   | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 13   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 13   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 13   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 13   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 14   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 14   | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 14   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 14   | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 14   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 14   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 15   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 15   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 15   | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 15   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 15   | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 15   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 8   | 16   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 16   | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 16   | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 16   | 32     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 16   | 42     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 16   | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 17   | 2      | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 17   | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 17   | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 17   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 17   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12      |
| 2009 | 6     | 8   | 17   | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 18   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 18   | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 18   | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 18   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 18   | 42     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 18   | 52     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 19   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 19   | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 19   | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 19   | 32     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 19   | 42     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 19   | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 20   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 20   | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 20   | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 20   | 32     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 20   | 42     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 20   | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 21   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 21   | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 21   | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 21   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 21   | 42     | 53     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 21   | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 22   | 2      | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 22   | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 22   | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 22   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 22   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 22   | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 23   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 23   | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 23   | 22     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 23   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 23   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 23   | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 9   | 0    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 0    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 0    | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 0    | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 0    | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 0    | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 1    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 1    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 1    | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 1    | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 1    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 1    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 2    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 2    | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 2    | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 2    | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 2    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 2    | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 3    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 3    | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 3    | 22     | 53     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 3    | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 3    | 42     | 53     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 3    | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 4    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 4    | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 4    | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 4    | 32     | 53     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 4    | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 4    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 5    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 5    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 5    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 5    | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 5    | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 5    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 6    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 6    | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 6    | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 6    | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 6    | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 6    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 7    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 7    | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 7    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 7    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 7    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 7    | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 9   | 8    | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 8    | 12     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 8    | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 8    | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 8    | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 8    | 52     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 9    | 2      | 53     | 39     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 9    | 12     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 9    | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 9    | 32     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 9    | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12      |
| 2009 | 6     | 9   | 9    | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 10   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 10   | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 10   | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 10   | 32     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 10   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 10   | 52     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 11   | 2      | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 11   | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 11   | 22     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 11   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 11   | 42     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 11   | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 12   | 2      | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 12   | 12     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 12   | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 12   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 12   | 42     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 12   | 52     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 13   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 13   | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 13   | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 13   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 13   | 42     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 13   | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 14   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 14   | 12     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 14   | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 14   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 14   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 14   | 52     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 15   | 2      | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 15   | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 15   | 22     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 15   | 32     | 53     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 15   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 15   | 52     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 9   | 16   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 16   | 12     | 53     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 16   | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12      |
| 2009 | 6     | 9   | 16   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 16   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 16   | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 17   | 2      | 53     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 17   | 12     | 53     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 17   | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 17   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 17   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 17   | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 18   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 18   | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 18   | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 18   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 18   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 18   | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 19   | 2      | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 19   | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 19   | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 19   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 19   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 19   | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 20   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 20   | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 20   | 22     | 53     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 20   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 20   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 20   | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 21   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 21   | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 21   | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 21   | 32     | 53     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 21   | 42     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 21   | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 22   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 22   | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 22   | 22     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 22   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 22   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 22   | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 23   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 23   | 12     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 23   | 22     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 23   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 23   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 23   | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 10  | 0    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 0    | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 0    | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 0    | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 0    | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 0    | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 1    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 1    | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 1    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 1    | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 1    | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 1    | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 2    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 2    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 2    | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 2    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 2    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 2    | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 3    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 3    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 3    | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 3    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 3    | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 3    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 4    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 4    | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 4    | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 4    | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 4    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 4    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 5    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 5    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 5    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 5    | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 5    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 5    | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 6    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 6    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 6    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 6    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 6    | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 6    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 7    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 7    | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 7    | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 7    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 7    | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 7    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.8    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 10  | 8    | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 8    | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 8    | 22     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 8    | 32     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 8    | 42     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 8    | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 9    | 2      | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 9    | 12     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 9    | 22     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 9    | 32     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 9    | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 9    | 52     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 10   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 10   | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 10   | 22     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 10   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 10   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 10   | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 11   | 2      | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 11   | 12     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 11   | 22     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 11   | 32     | 53     | 39     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 11   | 42     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 11   | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 12   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 12   | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 12   | 22     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 12   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 12   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 12   | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 13   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 13   | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 13   | 22     | 53     | 39     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 13   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 13   | 42     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 13   | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 14   | 2      | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 14   | 12     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 14   | 22     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 14   | 32     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 14   | 42     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 14   | 52     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 15   | 2      | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 15   | 12     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 15   | 22     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 15   | 32     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 15   | 42     | 53     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 15   | 52     | 53     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 10  | 16   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 16   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 16   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12      |
| 2009 | 6     | 10  | 16   | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 16   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 16   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 17   | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 17   | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 17   | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 17   | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 17   | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 17   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 18   | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 18   | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 18   | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 18   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 18   | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 18   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 19   | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 19   | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 19   | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 19   | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 19   | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 19   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 20   | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 20   | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 20   | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 20   | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 20   | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 20   | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 21   | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 21   | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 21   | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 21   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 21   | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 21   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 22   | 2      | 53     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 22   | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 22   | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 22   | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 22   | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 22   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 23   | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 23   | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 23   | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 23   | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 23   | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 23   | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 11  | 0    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 0    | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 0    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 0    | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 0    | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 0    | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 1    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 1    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 1    | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 1    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 1    | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 1    | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 2    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 2    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 2    | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 2    | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 2    | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 2    | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 3    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 3    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 3    | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 3    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 3    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 3    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 4    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 4    | 12     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 4    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 4    | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 4    | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 4    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 5    | 2      | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 5    | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 5    | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 5    | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 5    | 42     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 5    | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 6    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 6    | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 6    | 22     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 6    | 32     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 6    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 6    | 52     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 7    | 2      | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 7    | 12     | 53     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 7    | 22     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 7    | 32     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 7    | 42     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 7    | 52     | 53     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 11  | 8    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 8    | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 8    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 8    | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 8    | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 8    | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 9    | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 9    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 9    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 9    | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 9    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 9    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 10   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 10   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 10   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 10   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 10   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 10   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 11   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 11   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 11   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 11   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 11   | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 11   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 12   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 12   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 12   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 12   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 12   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 12   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 13   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 13   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 13   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 13   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 13   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 13   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 14   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 14   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 14   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 14   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 14   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 14   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 15   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 15   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 15   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 15   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 15   | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 15   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 11  | 16   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 16   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 16   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 16   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 16   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 16   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 17   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 17   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 17   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 17   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 17   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 17   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 18   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 18   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 18   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 18   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 18   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 18   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 19   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 19   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 19   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 19   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 19   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 19   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 20   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 20   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 20   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 20   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 20   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 20   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 21   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 21   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 21   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 21   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 21   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 21   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 22   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 22   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 22   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 22   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 22   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 22   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 23   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 23   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 23   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 23   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 23   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 23   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 12  | 0    | 3      | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 0    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 0    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 0    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 0    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 0    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 1    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 1    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 1    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 1    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 1    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 1    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 2    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 2    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 2    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 2    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 2    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 2    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 3    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 3    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 3    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 3    | 33     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 3    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 3    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 4    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 4    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 4    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 4    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 4    | 43     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 4    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 5    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 5    | 13     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 5    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 5    | 33     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 5    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 5    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 6    | 3      | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 6    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 6    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 6    | 33     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 6    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 6    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 7    | 3      | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 7    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 7    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 7    | 33     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 7    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 7    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 12  | 8    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 8    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 8    | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 8    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 8    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 8    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 9    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 9    | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 9    | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 9    | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 9    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 9    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 10   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 10   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12      |
| 2009 | 6     | 12  | 10   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 10   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 10   | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 10   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 11   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 11   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 11   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 11   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 11   | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 11   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 12   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 12   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 12   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 12   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 12   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 12   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 13   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 13   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 13   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 13   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 13   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 13   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 14   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 14   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 14   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 14   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 14   | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 14   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 15   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 15   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 15   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 15   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 15   | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 15   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 12  | 16   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 16   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 16   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 16   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 16   | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 16   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 17   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 17   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 12      |
| 2009 | 6     | 12  | 17   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 17   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 17   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 12  | 17   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 18   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 18   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 18   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 18   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 18   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 18   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 19   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 19   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 19   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 19   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 19   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 19   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 20   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 20   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 20   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 20   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 20   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 20   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 21   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 21   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 21   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 21   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 21   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 21   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 22   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 22   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 22   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 22   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 22   | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 22   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 23   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 23   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 23   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 23   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 23   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 23   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 11.8    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 13  | 0    | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 0    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 0    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 0    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 0    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 0    | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 1    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 1    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 1    | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 1    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 1    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 1    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 2    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 2    | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 2    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 2    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 2    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 2    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 3    | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 3    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 3    | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 3    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 3    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 3    | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 4    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 4    | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 4    | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 4    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 4    | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 4    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 5    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 5    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 5    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 5    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 5    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 5    | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 6    | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 6    | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 6    | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 6    | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 6    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 6    | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 7    | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 7    | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 7    | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 7    | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 7    | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 7    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 13  | 8    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 8    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 8    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 8    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 8    | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 8    | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 9    | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 9    | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 9    | 23     | 24     | 39     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 9    | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 9    | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 9    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 10   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 10   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 10   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 10   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 10   | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 10   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 11   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 11   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 11   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 11   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 11   | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 11   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12      |
| 2009 | 6     | 13  | 12   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12      |
| 2009 | 6     | 13  | 12   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 12   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 12   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 12   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 12   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 13   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 13   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 13   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 13   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 13   | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 13   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 14   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 14   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 14   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 14   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 14   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12      |
| 2009 | 6     | 13  | 14   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 15   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 15   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 15   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 15   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 15   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 15   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 13  | 16   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 16   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 16   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 16   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 16   | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 16   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 17   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 17   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 17   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 12      |
| 2009 | 6     | 13  | 17   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 17   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 17   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 18   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 18   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 18   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 18   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 18   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 18   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 19   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 19   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 19   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 19   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 19   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 19   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 20   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 20   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 20   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 20   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 20   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 20   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 21   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 21   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 21   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 21   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 21   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 21   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 22   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 22   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 22   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 22   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 22   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 22   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 23   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 23   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 23   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 23   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 23   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 23   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 14  | 0    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 0    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 0    | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 0    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 0    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 0    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 1    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 1    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 1    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 1    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 1    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 1    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 2    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 2    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 2    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 2    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 2    | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 2    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 3    | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 3    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 3    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 3    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 3    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 3    | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 4    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 4    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 4    | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 4    | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 4    | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 4    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 5    | 3      | 24     | 39     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 5    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 5    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 5    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 5    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 5    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 6    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 6    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 6    | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 6    | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 6    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 6    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 7    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 7    | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 7    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 7    | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 7    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 7    | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 14  | 8    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 8    | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 8    | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 8    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 8    | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 8    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 9    | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 9    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 9    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 9    | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 9    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 9    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 10   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 10   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 10   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 10   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 10   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 10   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 11   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 11   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 11   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 11   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 11   | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 11   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 12   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 12   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 12   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 12   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 12   | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 12   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 13   | 3      | 24     | 39     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 13   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 13   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 13   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 13   | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 13   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 14   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 14   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 14   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 14   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 14   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 14   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 15   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 15   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 15   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 15   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 15   | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 15   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 14  | 16   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 16   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 16   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 16   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 16   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 16   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 17   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12      |
| 2009 | 6     | 14  | 17   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 17   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 17   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 17   | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 17   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 18   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 18   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 18   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 18   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 18   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 18   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 19   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 19   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 19   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 19   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 19   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 19   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 20   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 20   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 20   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 20   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 20   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 20   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 21   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 21   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 21   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 21   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 21   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 21   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 22   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 22   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 22   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 22   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 22   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 22   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 23   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 23   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 23   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 23   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 23   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 23   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 15  | 0    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 0    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 0    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 0    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 0    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 0    | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 1    | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 1    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 1    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 1    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 1    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 1    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 2    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 2    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 2    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 2    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 2    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 2    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 3    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 3    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 3    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 3    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 3    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 3    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 4    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 4    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 4    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 4    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 4    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 4    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 5    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 5    | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 5    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 5    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 5    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 5    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 6    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 6    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 6    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 6    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 6    | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 6    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 7    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 7    | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 7    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 7    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 7    | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 7    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 15  | 8    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 8    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 8    | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 8    | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 8    | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 8    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 9    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 9    | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 9    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 9    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 9    | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 9    | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 10   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 10   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 10   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 10   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 10   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 10   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 11   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 11   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 11   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 11   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 11   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 11   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 12   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 12   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 12   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 12   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 12   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 12   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 13   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 13   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 13   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 13   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 13   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 13   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 14   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 14   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 14   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 14   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 14   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 14   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 15   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 15   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 15   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 15   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 15   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 15   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 15  | 16   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 16   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 16   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 16   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 16   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 16   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 17   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 17   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 17   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 17   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 17   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 17   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 18   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 18   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 18   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 18   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 18   | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 18   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 19   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 19   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 19   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 19   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 19   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 19   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 20   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 20   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 20   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 20   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 20   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 20   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 21   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 21   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 21   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 21   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 21   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 21   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 22   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 22   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 22   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 22   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 22   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 22   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 23   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 23   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 23   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 23   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 23   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 23   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 16  | 0    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 0    | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 0    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 0    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 0    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 0    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 1    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 1    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 1    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 1    | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 1    | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 1    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 2    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 2    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 2    | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 2    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 2    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 2    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 3    | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 3    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 3    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 3    | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 3    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 3    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 4    | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 4    | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 4    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 4    | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 4    | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 4    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 5    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 5    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 5    | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 5    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 5    | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 5    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 6    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 6    | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 6    | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 6    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 6    | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 6    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 7    | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 7    | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 7    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 7    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 7    | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 7    | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 16  | 8    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 8    | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 8    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 8    | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 8    | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 8    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 9    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 9    | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 9    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 9    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 9    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 9    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 10   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 10   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 10   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 10   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 10   | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 10   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 11   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 11   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 11   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 11   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 11   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 11   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 12   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 12   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 12   | 23     | 24     | 39     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 12   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 12   | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 12   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 13   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 13   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 13   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 13   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 13   | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 13   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 14   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 14   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 14   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 14   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 14   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 14   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 15   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 15   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 15   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 15   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 15   | 43     | 24     | 39     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 15   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 16  | 16   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 16   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 16   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 16   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 16   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 16   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 17   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 17   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 17   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 17   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 17   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 17   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 18   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 18   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 18   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 18   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 18   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 18   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 19   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 19   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 19   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 19   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 19   | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 19   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 20   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 20   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 20   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 20   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 20   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 20   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 21   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 21   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 21   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 21   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 21   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 21   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 22   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 22   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 22   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 22   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 22   | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 22   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 23   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 23   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 23   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 23   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 23   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 23   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 17  | 0    | 3      | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 0    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 0    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 0    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 0    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 0    | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 1    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 1    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 1    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 1    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 1    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 1    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 2    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 2    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 2    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 2    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 2    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 2    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 3    | 3      | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 3    | 13     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 3    | 23     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 3    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 3    | 43     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 3    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 4    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 4    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 4    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 4    | 33     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 4    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 4    | 53     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 5    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 5    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 5    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 5    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 5    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 5    | 53     | 24     | 39     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 6    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 6    | 13     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 6    | 23     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 6    | 33     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 6    | 43     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 6    | 53     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 7    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 7    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 7    | 23     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 7    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 7    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 7    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 17  | 8    | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 8    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 8    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 8    | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 8    | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 8    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 9    | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 9    | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 9    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 9    | 33     | 24     | 39     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 9    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 9    | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 10   | 3      | 24     | 39     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 10   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 10   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 10   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 10   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 10   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 11   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12      |
| 2009 | 6     | 17  | 11   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 11   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 11   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 11   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 11   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 12   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 12   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 12   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 12   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 12   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 12   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 13   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 13   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12      |
| 2009 | 6     | 17  | 13   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 13   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 13   | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 13   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 14   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 14   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 14   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 14   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 14   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 14   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 15   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 15   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 15   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 15   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 15   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 15   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 17  | 16   | 3      | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 16   | 13     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 16   | 23     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 16   | 33     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 16   | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 16   | 53     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 17   | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 17   | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 17   | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 17   | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 17   | 43     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 17   | 53     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 18   | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 18   | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 18   | 23     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 18   | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 18   | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 18   | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 19   | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 19   | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 19   | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 19   | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 19   | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 19   | 53     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 20   | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 20   | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 20   | 23     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 20   | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 20   | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 20   | 53     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 21   | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 21   | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 21   | 23     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 21   | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 21   | 43     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 21   | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 22   | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 22   | 13     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 22   | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 22   | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 22   | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 22   | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 23   | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 23   | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 23   | 23     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 23   | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 23   | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 23   | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 18  | 0    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 0    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 0    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 0    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 0    | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 0    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 1    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 1    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 1    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 1    | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 1    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 1    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 2    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 2    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 2    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 2    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 2    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 2    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 3    | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 3    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 3    | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 3    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 3    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 3    | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 4    | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 4    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 4    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 4    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 4    | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 4    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 5    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 5    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 5    | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 5    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 5    | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 5    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 6    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 6    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 6    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 6    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 6    | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 6    | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 7    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 7    | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 7    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 7    | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 7    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 7    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.6    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 18  | 8    | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 8    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 8    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 8    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 8    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 8    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 9    | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 9    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 9    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 9    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 9    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 9    | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 10   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 10   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 10   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 10   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 10   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 10   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 11   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 11   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 11   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 11   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 11   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 11   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 12   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 12   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 12   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 12   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 12   | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 12   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 13   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 13   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 13   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 13   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 13   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 13   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 14   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 14   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 14   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 14   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 14   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 14   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 15   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 15   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 15   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 15   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 15   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 15   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 18  | 16   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 16   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 16   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 16   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 16   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 16   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 17   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 17   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 17   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 17   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 17   | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 17   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 18   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 18   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 18   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 18   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 18   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 18   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 19   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 19   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 19   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 19   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 19   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 19   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 20   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 20   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 20   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 20   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 20   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 20   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 21   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 21   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 21   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 21   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 21   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 21   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 22   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 22   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 22   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 22   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 22   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 22   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 23   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 23   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 23   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 23   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 23   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 23   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 19  | 0    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 0    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 0    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 0    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 0    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 0    | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 1    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 1    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 1    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 1    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 1    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 1    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 2    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 2    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 2    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 2    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 2    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 2    | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 3    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 3    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 3    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 3    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 3    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 3    | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 4    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 4    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 4    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 4    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 4    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 4    | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 5    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 5    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 5    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 5    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 5    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 5    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 6    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 6    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 6    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 6    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 6    | 43     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 6    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 7    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 7    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 7    | 23     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 7    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 7    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 7    | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 19  | 8    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 8    | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 8    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 8    | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 8    | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 8    | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 9    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 9    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 9    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 9    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 9    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 9    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 10   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 10   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 10   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 10   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 10   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 10   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 11   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12      |
| 2009 | 6     | 19  | 11   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 11   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 11   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 11   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 11   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 12   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 12   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 12   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12      |
| 2009 | 6     | 19  | 12   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 12   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 12   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 13   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 13   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 13   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 13   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 13   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 13   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 14   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 14   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 14   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12      |
| 2009 | 6     | 19  | 14   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 14   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 14   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12      |
| 2009 | 6     | 19  | 15   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 15   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 15   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 15   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 15   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 15   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 19  | 16   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 16   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 16   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 16   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 16   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 16   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 17   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 17   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 17   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12      |
| 2009 | 6     | 19  | 17   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 17   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 17   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 18   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 18   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 18   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 18   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 18   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 18   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 19   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 19   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 19   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 19   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 19   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 19   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 20   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 20   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 20   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 20   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 20   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 20   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 21   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 21   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 21   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 21   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 21   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 21   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 22   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 22   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 22   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 22   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 22   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 22   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 23   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 23   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 23   | 23     | 24     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 23   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 23   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 23   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 20  | 0    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 0    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 0    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 0    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 0    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 0    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 1    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 1    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 1    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 1    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 1    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 1    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 2    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 2    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 2    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 2    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 2    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 2    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 3    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 3    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 3    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 3    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 3    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 3    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 4    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 4    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 4    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 4    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 4    | 43     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 4    | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 5    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 5    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 5    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 5    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 5    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 5    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 6    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 6    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 6    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 6    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 6    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 6    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 7    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 7    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 7    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 7    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 7    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 7    | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 20  | 8    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 8    | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 8    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 8    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 8    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 8    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 9    | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 9    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 9    | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 9    | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 9    | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 9    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 10   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 10   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 10   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 10   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 10   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 10   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 11   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 11   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 11   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12      |
| 2009 | 6     | 20  | 11   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 11   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 11   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 12   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 12   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 12   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 12   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 12   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 12   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 13   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 13   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 13   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 13   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 13   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 13   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 14   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 14   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 14   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 14   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 14   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 14   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 15   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 15   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 15   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12      |
| 2009 | 6     | 20  | 15   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 15   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 15   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 20  | 16   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12      |
| 2009 | 6     | 20  | 16   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 16   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 16   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 16   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 16   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 17   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 17   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 17   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 17   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 12      |
| 2009 | 6     | 20  | 17   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 17   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 18   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 18   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 18   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 18   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 18   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 18   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 19   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 19   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 19   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 19   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 19   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 19   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 20   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 20   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 20   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 20   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 20   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 20   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 21   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 21   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 21   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 21   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 21   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 21   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 22   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 22   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 22   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 22   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 22   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 22   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 23   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 23   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 23   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 23   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 23   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 23   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.94       | 0        | 0              | 11.6    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 21  | 0    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 0    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 0    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 0    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 0    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 0    | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 1    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 1    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 1    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 1    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 1    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 1    | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 2    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 2    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 2    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 2    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 2    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 2    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 3    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 3    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 3    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 3    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 3    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 3    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 4    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 4    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 4    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 4    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 4    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 4    | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 5    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 5    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 5    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 5    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 5    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 5    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 6    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 6    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 6    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 6    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 6    | 43     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 6    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 7    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 7    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 7    | 23     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 7    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 7    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 7    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 21  | 8    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 8    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 8    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 8    | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 8    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 8    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 9    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 9    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 9    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 9    | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 9    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 9    | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 10   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 10   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 10   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 10   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 10   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 10   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 11   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 11   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 11   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 11   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 11   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 11   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 12   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 12   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 12   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 12   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 12   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 12   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 13   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 13   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 13   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 13   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 13   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 13   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 14   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 14   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 14   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 14   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 14   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 14   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 15   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 15   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 15   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 15   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 15   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 15   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 21  | 16   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 16   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 16   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 16   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 16   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 16   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 17   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12      |
| 2009 | 6     | 21  | 17   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 17   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12      |
| 2009 | 6     | 21  | 17   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 17   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 17   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 18   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 18   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 18   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 18   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 18   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 18   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 19   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 19   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 19   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 19   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 19   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 19   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 20   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 20   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 20   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 20   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 20   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 20   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 21   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 21   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 21   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 21   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 21   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 21   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 22   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 22   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 22   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 22   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 22   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 22   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 23   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 23   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 23   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 23   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 23   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 23   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 22  | 0    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 0    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 0    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 0    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 0    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 0    | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 1    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 1    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 1    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 1    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 1    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 1    | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 2    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 2    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 2    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 2    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 2    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 2    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 3    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 3    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 3    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 3    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 3    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 3    | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 4    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 4    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 4    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 4    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 4    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 4    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 5    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 5    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 5    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 5    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 5    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 5    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 6    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 6    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 6    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 6    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 6    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 6    | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 7    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 7    | 13     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 7    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 7    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 7    | 43     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 7    | 53     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 22  | 8    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 8    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 8    | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 8    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 8    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 8    | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 9    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 9    | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 9    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 9    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 9    | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 9    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 10   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 10   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 10   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 10   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 10   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 10   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 11   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 11   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 11   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 11   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 11   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 11   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 12   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 12   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 12   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 12   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 12   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 12   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 13   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 13   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 13   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 13   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 13   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 13   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 14   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 14   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 14   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 14   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 14   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 14   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 15   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 15   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 15   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 15   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 15   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 15   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 22  | 16   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 16   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 16   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 16   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 16   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 16   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 17   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 17   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 17   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 17   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 17   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 17   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 18   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 18   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 18   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 18   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 18   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 18   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 19   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 19   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 19   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 19   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 19   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 19   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 20   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 20   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 20   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 20   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 20   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 20   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 21   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 21   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 21   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 21   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 21   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 21   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 22   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 22   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 22   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 22   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 22   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 22   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 23   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 23   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 23   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 23   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 23   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 23   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 23  | 0    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 0    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 0    | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 0    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 0    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 0    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 1    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 1    | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 1    | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 1    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 1    | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 1    | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 2    | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 2    | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 2    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 2    | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 2    | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 2    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 3    | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 3    | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 3    | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 3    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 3    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 3    | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 4    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 4    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 4    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 4    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 4    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 4    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 5    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 5    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 5    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 5    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 5    | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 5    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 6    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 6    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 6    | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 6    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 6    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 6    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 7    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 7    | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 7    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 7    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 7    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 7    | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 23  | 8    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 8    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 8    | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 8    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 8    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 8    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 9    | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 9    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 9    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 9    | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 9    | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 9    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 10   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 10   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 10   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 10   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 10   | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 10   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 11   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 11   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 11   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 11   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 11   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 11   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 12   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 12   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 12   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 12   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 12   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 12   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 13   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 13   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 13   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 13   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 13   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 13   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 14   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 14   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 14   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 14   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 14   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 14   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 15   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 15   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 15   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 15   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 15   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 15   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 23  | 16   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 16   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 16   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 16   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 16   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 16   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 17   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 17   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 17   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 17   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 17   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 17   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 18   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 18   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 18   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 18   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 18   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 18   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 19   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 19   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 19   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 19   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 19   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 19   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 20   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 20   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 20   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 20   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 20   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 20   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 21   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 21   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 21   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 21   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 21   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 21   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 22   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 22   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 22   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 22   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 22   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 22   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 23   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 23   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 23   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 23   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 23   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 23   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 24  | 0    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 0    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 0    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 0    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 0    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 0    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 1    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 1    | 13     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 1    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 1    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 1    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 1    | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 2    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 2    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 2    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 2    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 2    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 2    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 3    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 3    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 3    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 3    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 3    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 3    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 4    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 4    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 4    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 4    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 4    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 4    | 53     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 5    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 5    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 5    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 5    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 5    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 5    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 6    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 6    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 6    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 6    | 33     | 24     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 6    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 6    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 7    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 7    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 7    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 7    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 7    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 7    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 24  | 8    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 8    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 8    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 8    | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 8    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 8    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 9    | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 9    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 9    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 9    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 9    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12      |
| 2009 | 6     | 24  | 9    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 10   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 10   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 10   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 10   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 10   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 10   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 11   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12      |
| 2009 | 6     | 24  | 11   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 11   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 11   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 11   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 11   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 12   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 12   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 12   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 12   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 12   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 12   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 13   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 13   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 13   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 13   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 13   | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 13   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 14   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 14   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 14   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 14   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 14   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 14   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 15   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 15   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 15   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 15   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12      |
| 2009 | 6     | 24  | 15   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 15   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 24  | 16   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 16   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 16   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 16   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 16   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 16   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 17   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 17   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 17   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 17   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 17   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12      |
| 2009 | 6     | 24  | 17   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 18   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 18   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 18   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 18   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 18   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 18   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 19   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 19   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 19   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 19   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 19   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 19   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 20   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 20   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 20   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 20   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 20   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 20   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 21   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 21   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 21   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 21   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 21   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 21   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 22   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 22   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 22   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 22   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 22   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 22   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 23   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 23   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 23   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 23   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 23   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 23   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 25  | 0    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 0    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 0    | 23     | 24     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 0    | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 0    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 0    | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 1    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 1    | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 1    | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 1    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 1    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 1    | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 2    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 2    | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 2    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 2    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 2    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 2    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 3    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 3    | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 3    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 3    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 3    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 3    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 4    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 4    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 4    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 4    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 4    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 4    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 5    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 5    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 5    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 5    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 5    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 5    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 6    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 6    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 6    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 6    | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 6    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 6    | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 7    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 7    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 7    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 7    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 7    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 7    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 25  | 8    | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 8    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 8    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 8    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 8    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 8    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 9    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 9    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 9    | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 9    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 9    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 9    | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 10   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 10   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 10   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 10   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 10   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 10   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 11   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 11   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 11   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 11   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 11   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 11   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 12   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 12   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 12   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 12   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 12   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 12   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 13   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 13   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 13   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 13   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 13   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 13   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 14   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 14   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 14   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 14   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 14   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 14   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 15   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 15   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 15   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 15   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 15   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 15   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 25  | 16   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 16   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 16   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 16   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 16   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 16   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 17   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 17   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 17   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 17   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 17   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 17   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 18   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 18   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 18   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 18   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 18   | 43     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 18   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 19   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 19   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 19   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 19   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 19   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 19   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 20   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 20   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 20   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 20   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 20   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 20   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 21   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 21   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 21   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 21   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 21   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 21   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 22   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 22   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 22   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 22   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 22   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 22   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 23   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 23   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 23   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 23   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 23   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 23   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 26  | 0    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 0    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 0    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 0    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 0    | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 0    | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 1    | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 1    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 1    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 1    | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 1    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 1    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 2    | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 2    | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 2    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 2    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 2    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 2    | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 3    | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 3    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 3    | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 3    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 3    | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 3    | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 4    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 4    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 4    | 23     | 24     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 4    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 4    | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 4    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 5    | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 5    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 5    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 5    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 5    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 5    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 6    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 6    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 6    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 6    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 6    | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 6    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 7    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 7    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 7    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 7    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 7    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 7    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 11.6    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 26  | 8    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 8    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 8    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 8    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 8    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 8    | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 9    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 9    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 9    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 9    | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 9    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 9    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 10   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 10   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 10   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 10   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 10   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 10   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 11   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 11   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 11   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 11   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 11   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 11   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 12   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 12   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 12   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 12   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 12   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 12   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 13   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 13   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 13   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 13   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 13   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 13   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 14   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 14   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 14   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 14   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 14   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 14   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 15   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 15   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 15   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 15   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 15   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 15   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 26  | 16   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 16   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 16   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 16   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 16   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 16   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 17   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 17   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 17   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 17   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 17   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 17   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 18   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 18   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 18   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 18   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 18   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 18   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 19   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 19   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 19   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 19   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 19   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 19   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 20   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 20   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 20   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 20   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 20   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 20   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 21   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 21   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 21   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 21   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 21   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 21   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 22   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 22   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 22   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 22   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 22   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 22   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 23   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 23   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 23   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 23   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 23   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 23   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 27  | 0    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 0    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 0    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 0    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 0    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 0    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 1    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 1    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 1    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 1    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 1    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 1    | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 2    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 2    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 2    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 2    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 2    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 2    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 3    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 3    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 3    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 3    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 3    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 3    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 4    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 4    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 4    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 4    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 4    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 4    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 5    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 5    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 5    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 5    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 5    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 5    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 6    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 6    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 6    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 6    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 6    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 6    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 7    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 7    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 7    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 7    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 7    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 7    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 27  | 8    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 8    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 8    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 8    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 8    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 8    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 9    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 9    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 9    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 9    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 9    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 9    | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 10   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 10   | 13     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 10   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 10   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 10   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 10   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 11   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 11   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 11   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 11   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 11   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 11   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 12   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 12   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 12   | 23     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 12   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 12   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 12   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 13   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 13   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 13   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 13   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 13   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 13   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 14   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 14   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 14   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 14   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 14   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 14   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 15   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 15   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 15   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 15   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 15   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 15   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 27  | 16   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 16   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 16   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 16   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 16   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 16   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 17   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 17   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 17   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 17   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 17   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 17   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 18   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 18   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 18   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 18   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 18   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 18   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 19   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 19   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 19   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 19   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 19   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 19   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 20   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 20   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 20   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 20   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 20   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 20   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 21   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 21   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 21   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 21   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 21   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 21   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 22   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 22   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 22   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 22   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 22   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 22   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 23   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 23   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 23   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 23   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 23   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 23   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.3        | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 28  | 0    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 0    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 0    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 0    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 0    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 0    | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 1    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 1    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 1    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 1    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 1    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 1    | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 2    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 2    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 2    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 2    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 2    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 2    | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 3    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 3    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 3    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 3    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 3    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 3    | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 4    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 4    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 4    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 4    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 4    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 4    | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 5    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 5    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 5    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 5    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 5    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 5    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 6    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 6    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 6    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 6    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 6    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 11.4    |
| 2009 | 6     | 28  | 6    | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 7    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 11.4    |
| 2009 | 6     | 28  | 7    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 7    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 7    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 7    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 7    | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 28  | 8    | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 8    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 8    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 8    | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 8    | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 8    | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 9    | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 9    | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 9    | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 9    | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 9    | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 9    | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 10   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 10   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 10   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 10   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 10   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 10   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 11   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 11   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 11   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 11   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 11   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 11   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 12   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 12   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 12   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 12   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 12   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 12   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 13   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 13   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 13   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 13   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 13   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 13   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 14   | 3      | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 14   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 14   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 14   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 14   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 14   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 15   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 15   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 15   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 15   | 33     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 15   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 15   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 28  | 16   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 16   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.38       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 16   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 16   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.53       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 16   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.6        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 16   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.69       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 17   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.76       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 17   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.83       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 17   | 23     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.91       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 17   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 17   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 17   | 53     | 24     | 38     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 18   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 18   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 18   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 18   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 18   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 18   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 19   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 19   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 19   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 19   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 19   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 19   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 20   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 20   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 20   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 20   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 20   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73          | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 20   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 21   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 21   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 21   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 21   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 21   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 21   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 22   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 22   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 22   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 22   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 22   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 22   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 23   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 23   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 23   | 23     | 24     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 23   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 23   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 23   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 11.6    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 29  | 0    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 0    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 0    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 0    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 0    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 0    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 1    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 1    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 1    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 1    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73          | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 1    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 1    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 2    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 2    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 2    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 2    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 2    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 2    | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 3    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 3    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.41       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 3    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 3    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 3    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 3    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 4    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 4    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 4    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 4    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 4    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 4    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 5    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 5    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 5    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 5    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 5    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 5    | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 11.4    |
| 2009 | 6     | 29  | 6    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 11.4    |
| 2009 | 6     | 29  | 6    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 6    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 6    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 6    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 6    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 7    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 7    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 7    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 7    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 7    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 7    | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 29  | 8    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 8    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 8    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 8    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 8    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 8    | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 9    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 9    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 9    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 9    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 9    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 9    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 10   | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 10   | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 10   | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 10   | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 10   | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 10   | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 11   | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 11   | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 11   | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 11   | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 11   | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 11   | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 12   | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 12   | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 12   | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 12   | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 12   | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 12   | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 13   | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 13   | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 13   | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 13   | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 13   | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 13   | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 14   | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 14   | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 14   | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 14   | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 14   | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 14   | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 15   | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 15   | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 15   | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.62       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 15   | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.69       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 15   | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 15   | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.85       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 29  | 16   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.94       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 16   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.01       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 16   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.09       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 16   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 16   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 16   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 17   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 17   | 13     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 17   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 17   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 17   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 17   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 18   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 18   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 18   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 18   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 18   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 18   | 53     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 19   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 19   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 19   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 19   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 19   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73          | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 19   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 20   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 20   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 20   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 20   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 20   | 43     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 20   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 21   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 21   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 21   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 21   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 21   | 43     | 24     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 21   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 22   | 3      | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 22   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 22   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 22   | 33     | 24     | 37     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 22   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 22   | 53     | 24     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 23   | 3      | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 23   | 13     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 23   | 23     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 23   | 33     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 23   | 43     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 23   | 53     | 24     | 36     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.2        | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 30  | 0    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 0    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 0    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 0    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 0    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 0    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 1    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 1    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 1    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 1    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 1    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 1    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 2    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 2    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 2    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 2    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 2    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 2    | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 3    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.5        | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 3    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 3    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 3    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 3    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 3    | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 4    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 4    | 13     | 24     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 4    | 23     | 24     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 4    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 4    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 4    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 5    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 5    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 5    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 5    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 5    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 5    | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 6    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 6    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 6    | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 6    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 6    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 6    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 7    | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 7    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 7    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 7    | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 7    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 7    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 30  | 8    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 8    | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 8    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 8    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 8    | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 8    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 9    | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 9    | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 9    | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 9    | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 9    | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 9    | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 10   | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 10   | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 10   | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 10   | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 10   | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 10   | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 11   | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 11   | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 11   | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 11   | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 11   | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 11   | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 12   | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 12   | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 12   | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 12   | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 12   | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 12   | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 13   | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.53       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 13   | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.6        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 13   | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 13   | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 13   | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.74       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 13   | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.8        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 14   | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.83       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 14   | 13     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.91       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 14   | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.96       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 14   | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 14   | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.09       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 14   | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.18       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 15   | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 15   | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.27       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 15   | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 15   | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 15   | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 15   | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.46       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 30  | 16   | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 16   | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 16   | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 16   | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.61       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 16   | 43     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 16   | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 17   | 3      | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 17   | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 17   | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 17   | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 17   | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 17   | 53     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 18   | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 18   | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 18   | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 18   | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 18   | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 18   | 53     | 24     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 19   | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 19   | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 19   | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 19   | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 19   | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 19   | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 20   | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 20   | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 20   | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 20   | 33     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 20   | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 20   | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 21   | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 21   | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 21   | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 21   | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 21   | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 21   | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 22   | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 22   | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 22   | 23     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 22   | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 22   | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 22   | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 23   | 3      | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 23   | 13     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 23   | 23     | 24     | 37     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 23   | 33     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 23   | 43     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 23   | 53     | 24     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.36       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 1   | 0    | 2      | 53     | 0.3       | 3.6     | 1.85  | 91.2      | 26.7148 | 43.8058 |
| 2009 | 6     | 1   | 0    | 12     | 53     | 0.3       | 3.6     | 1.86  | 91.2      | 26.7148 | 44.0415 |
| 2009 | 6     | 1   | 0    | 22     | 53     | 0.3       | 3.6     | 1.86  | 90.4      | 26.6886 | 43.9191 |
| 2009 | 6     | 1   | 0    | 32     | 53     | 0.3       | 3.6     | 1.88  | 90.7      | 26.6886 | 44.3901 |
| 2009 | 6     | 1   | 0    | 42     | 53     | 0.3       | 3.6     | 1.9   | 92        | 26.6623 | 44.8164 |
| 2009 | 6     | 1   | 0    | 52     | 53     | 0.3       | 3.6     | 1.89  | 92        | 26.6623 | 44.5811 |
| 2009 | 6     | 1   | 1    | 2      | 53     | 0.3       | 3.6     | 1.92  | 90.8      | 26.6361 | 45.2418 |
| 2009 | 6     | 1   | 1    | 12     | 53     | 0.3       | 3.6     | 1.85  | 91.3      | 26.6361 | 43.5965 |
| 2009 | 6     | 1   | 1    | 22     | 53     | 0.3       | 3.6     | 1.86  | 91.4      | 26.6099 | 43.8659 |
| 2009 | 6     | 1   | 1    | 32     | 53     | 0.3       | 3.6     | 1.85  | 90.3      | 26.6099 | 43.5529 |
| 2009 | 6     | 1   | 1    | 42     | 53     | 0.3       | 3.6     | 1.87  | 90.4      | 26.6099 | 44.0224 |
| 2009 | 6     | 1   | 1    | 52     | 53     | 0.3       | 3.6     | 1.87  | 90.2      | 26.6099 | 44.1007 |
| 2009 | 6     | 1   | 2    | 2      | 53     | 0.3       | 3.6     | 1.88  | 90.9      | 26.5837 | 44.3693 |
| 2009 | 6     | 1   | 2    | 12     | 53     | 0.3       | 3.6     | 1.85  | 90.2      | 26.5837 | 43.5875 |
| 2009 | 6     | 1   | 2    | 22     | 53     | 0.3       | 3.6     | 1.88  | 90.8      | 26.5837 | 44.2911 |
| 2009 | 6     | 1   | 2    | 32     | 53     | 0.3       | 3.6     | 1.89  | 90.9      | 26.5837 | 44.6039 |
| 2009 | 6     | 1   | 2    | 42     | 53     | 0.3       | 3.6     | 1.87  | 92.1      | 26.5575 | 44.0905 |
| 2009 | 6     | 1   | 2    | 52     | 53     | 0.3       | 3.6     | 1.89  | 92.1      | 26.5575 | 44.403  |
| 2009 | 6     | 1   | 3    | 2      | 53     | 0.3       | 3.6     | 1.88  | 90.7      | 26.5575 | 44.2468 |
| 2009 | 6     | 1   | 3    | 12     | 53     | 0.3       | 3.6     | 1.9   | 91.1      | 26.5575 | 44.7155 |
| 2009 | 6     | 1   | 3    | 22     | 53     | 0.3       | 3.6     | 1.89  | 91.5      | 26.5312 | 44.4365 |
| 2009 | 6     | 1   | 3    | 32     | 53     | 0.3       | 3.6     | 1.87  | 90.5      | 26.5312 | 43.9683 |
| 2009 | 6     | 1   | 3    | 42     | 53     | 0.3       | 3.6     | 1.88  | 90.9      | 26.5312 | 44.2024 |
| 2009 | 6     | 1   | 3    | 52     | 53     | 0.3       | 3.6     | 1.88  | 90.9      | 26.5312 | 44.2024 |
| 2009 | 6     | 1   | 4    | 2      | 53     | 0.3       | 3.6     | 1.89  | 90        | 26.5312 | 44.4365 |
| 2009 | 6     | 1   | 4    | 12     | 53     | 0.3       | 3.6     | 1.89  | 91.7      | 26.505  | 44.4699 |
| 2009 | 6     | 1   | 4    | 22     | 53     | 0.3       | 3.6     | 1.86  | 92.8      | 26.505  | 43.6124 |
| 2009 | 6     | 1   | 4    | 32     | 53     | 0.3       | 3.6     | 1.87  | 91.9      | 26.505  | 44.0021 |
| 2009 | 6     | 1   | 4    | 42     | 53     | 0.3       | 3.6     | 1.86  | 90.5      | 26.505  | 43.6124 |
| 2009 | 6     | 1   | 4    | 52     | 53     | 0.3       | 3.6     | 1.91  | 92.1      | 26.4788 | 44.7367 |
| 2009 | 6     | 1   | 5    | 2      | 53     | 0.3       | 3.6     | 1.87  | 91.5      | 26.4788 | 43.8021 |
| 2009 | 6     | 1   | 5    | 12     | 53     | 0.3       | 3.6     | 1.91  | 93.1      | 26.4788 | 44.6588 |
| 2009 | 6     | 1   | 5    | 22     | 53     | 0.3       | 3.6     | 1.93  | 92        | 26.4526 | 45.1586 |
| 2009 | 6     | 1   | 5    | 32     | 53     | 0.3       | 3.6     | 1.86  | 91.1      | 26.4526 | 43.6803 |
| 2009 | 6     | 1   | 5    | 42     | 53     | 0.3       | 3.6     | 1.93  | 93.5      | 26.4526 | 45.0808 |
| 2009 | 6     | 1   | 5    | 52     | 53     | 0.3       | 3.6     | 1.91  | 91.5      | 26.4264 | 44.6467 |
| 2009 | 6     | 1   | 6    | 2      | 53     | 0.3       | 3.6     | 1.88  | 91.9      | 26.4264 | 44.0249 |
| 2009 | 6     | 1   | 6    | 12     | 53     | 0.3       | 3.6     | 1.94  | 95.2      | 26.4001 | 45.1453 |
| 2009 | 6     | 1   | 6    | 22     | 53     | 0.3       | 3.6     | 1.89  | 91.6      | 26.4001 | 44.2911 |
| 2009 | 6     | 1   | 6    | 32     | 53     | 0.3       | 3.6     | 1.93  | 92.5      | 26.3739 | 45.0998 |
| 2009 | 6     | 1   | 6    | 42     | 53     | 0.3       | 3.6     | 1.9   | 93.8      | 26.3477 | 44.2792 |
| 2009 | 6     | 1   | 6    | 52     | 53     | 0.3       | 3.6     | 1.92  | 96.3      | 26.3477 | 44.5892 |
| 2009 | 6     | 1   | 7    | 2      | 53     | 0.3       | 3.6     | 1.92  | 93.2      | 26.3214 | 44.699  |
| 2009 | 6     | 1   | 7    | 12     | 53     | 0.3       | 3.6     | 1.89  | 93.1      | 26.2952 | 43.9577 |
| 2009 | 6     | 1   | 7    | 22     | 53     | 0.3       | 3.6     | 1.91  | 93.4      | 26.269  | 44.4539 |
| 2009 | 6     | 1   | 7    | 32     | 53     | 0.3       | 3.6     | 1.9   | 92.5      | 26.269  | 44.2994 |
| 2009 | 6     | 1   | 7    | 42     | 53     | 0.3       | 3.6     | 1.9   | 93.6      | 26.2428 | 44.1773 |
| 2009 | 6     | 1   | 7    | 52     | 53     | 0.3       | 3.6     | 1.9   | 94.6      | 26.2428 | 43.9458 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 1   | 8    | 2      | 53     | 0.3       | 3.6     | 1.9   | 95.4      | 26.2165 | 43.9012 |
| 2009 | 6     | 1   | 8    | 12     | 53     | 0.3       | 3.6     | 1.91  | 93.7      | 26.2165 | 44.2867 |
| 2009 | 6     | 1   | 8    | 22     | 53     | 0.3       | 3.6     | 1.88  | 93.5      | 26.2165 | 43.6699 |
| 2009 | 6     | 1   | 8    | 32     | 53     | 0.3       | 3.6     | 1.91  | 94.7      | 26.1903 | 44.2417 |
| 2009 | 6     | 1   | 8    | 42     | 53     | 0.3       | 3.6     | 1.93  | 94.9      | 26.1903 | 44.5498 |
| 2009 | 6     | 1   | 8    | 52     | 53     | 0.3       | 3.6     | 1.91  | 94.1      | 26.1903 | 44.1646 |
| 2009 | 6     | 1   | 9    | 2      | 53     | 0.3       | 3.6     | 1.95  | 94.3      | 26.1641 | 45.0432 |
| 2009 | 6     | 1   | 9    | 12     | 53     | 0.3       | 3.6     | 1.87  | 94.7      | 26.1641 | 43.1964 |
| 2009 | 6     | 1   | 9    | 22     | 53     | 0.3       | 3.6     | 1.9   | 95.1      | 26.1378 | 43.8442 |
| 2009 | 6     | 1   | 9    | 32     | 53     | 0.3       | 3.6     | 1.91  | 95.2      | 26.1378 | 43.9979 |
| 2009 | 6     | 1   | 9    | 42     | 53     | 0.3       | 3.6     | 1.92  | 94.9      | 26.1378 | 44.2285 |
| 2009 | 6     | 1   | 9    | 52     | 53     | 0.3       | 3.6     | 1.88  | 95.8      | 26.1116 | 43.3388 |
| 2009 | 6     | 1   | 10   | 2      | 53     | 0.3       | 3.6     | 1.89  | 95.9      | 26.1116 | 43.4923 |
| 2009 | 6     | 1   | 10   | 12     | 53     | 0.3       | 3.6     | 1.94  | 95.4      | 26.0854 | 44.5987 |
| 2009 | 6     | 1   | 10   | 22     | 53     | 0.3       | 3.6     | 1.89  | 94.7      | 26.0591 | 43.4036 |
| 2009 | 6     | 1   | 10   | 32     | 53     | 0.3       | 3.6     | 1.9   | 93.6      | 26.0591 | 43.8634 |
| 2009 | 6     | 1   | 10   | 42     | 53     | 0.3       | 3.6     | 1.89  | 93.4      | 26.0067 | 43.5442 |
| 2009 | 6     | 1   | 10   | 52     | 53     | 0.3       | 3.6     | 1.89  | 94.9      | 25.9804 | 43.4232 |
| 2009 | 6     | 1   | 11   | 2      | 53     | 0.3       | 3.6     | 1.92  | 94.7      | 25.9542 | 43.9893 |
| 2009 | 6     | 1   | 11   | 12     | 53     | 0.3       | 3.6     | 1.9   | 93.4      | 25.9542 | 43.5313 |
| 2009 | 6     | 1   | 11   | 22     | 53     | 0.3       | 3.6     | 1.9   | 94        | 25.9279 | 43.6391 |
| 2009 | 6     | 1   | 11   | 32     | 53     | 0.3       | 3.6     | 1.86  | 94.4      | 25.9279 | 42.6481 |
| 2009 | 6     | 1   | 11   | 42     | 53     | 0.3       | 3.6     | 1.88  | 94.8      | 25.9017 | 42.9089 |
| 2009 | 6     | 1   | 11   | 52     | 53     | 0.3       | 3.6     | 1.88  | 94.9      | 25.9017 | 42.9089 |
| 2009 | 6     | 1   | 12   | 2      | 53     | 0.3       | 3.6     | 1.92  | 95        | 25.8755 | 43.7777 |
| 2009 | 6     | 1   | 12   | 12     | 53     | 0.3       | 3.6     | 1.92  | 93.2      | 25.8755 | 43.9299 |
| 2009 | 6     | 1   | 12   | 22     | 53     | 0.3       | 3.6     | 1.91  | 95.6      | 25.8755 | 43.5494 |
| 2009 | 6     | 1   | 12   | 32     | 53     | 0.3       | 3.6     | 1.9   | 94        | 25.8492 | 43.5046 |
| 2009 | 6     | 1   | 12   | 42     | 53     | 0.3       | 3.6     | 1.9   | 95.1      | 25.8492 | 43.4286 |
| 2009 | 6     | 1   | 12   | 52     | 53     | 0.3       | 3.6     | 1.87  | 92.3      | 25.823  | 42.8523 |
| 2009 | 6     | 1   | 13   | 2      | 53     | 0.3       | 3.6     | 1.91  | 96.3      | 25.823  | 43.4597 |
| 2009 | 6     | 1   | 13   | 12     | 53     | 0.3       | 3.6     | 1.9   | 96        | 25.7705 | 43.1427 |
| 2009 | 6     | 1   | 13   | 22     | 53     | 0.3       | 3.6     | 1.91  | 92.7      | 25.7443 | 43.5523 |
| 2009 | 6     | 1   | 13   | 32     | 53     | 0.3       | 3.6     | 1.84  | 93.1      | 25.718  | 41.8439 |
| 2009 | 6     | 1   | 13   | 42     | 53     | 0.3       | 3.6     | 1.9   | 95.4      | 25.6655 | 42.9643 |
| 2009 | 6     | 1   | 13   | 52     | 53     | 0.3       | 3.6     | 1.93  | 94.1      | 25.6655 | 43.7189 |
| 2009 | 6     | 1   | 14   | 2      | 53     | 0.3       | 3.6     | 1.89  | 92.1      | 25.6393 | 42.995  |
| 2009 | 6     | 1   | 14   | 12     | 53     | 0.3       | 3.6     | 1.85  | 95.5      | 25.6393 | 41.8646 |
| 2009 | 6     | 1   | 14   | 22     | 53     | 0.3       | 3.6     | 1.91  | 95.3      | 25.613  | 43.2516 |
| 2009 | 6     | 1   | 14   | 32     | 53     | 0.3       | 3.6     | 1.92  | 96.4      | 25.613  | 43.3269 |
| 2009 | 6     | 1   | 14   | 42     | 53     | 0.3       | 3.6     | 1.89  | 97.6      | 25.613  | 42.4233 |
| 2009 | 6     | 1   | 14   | 52     | 53     | 0.3       | 3.6     | 1.88  | 96.2      | 25.613  | 42.4233 |
| 2009 | 6     | 1   | 15   | 2      | 53     | 0.3       | 3.6     | 1.91  | 94.8      | 25.5868 | 43.0561 |
| 2009 | 6     | 1   | 15   | 12     | 53     | 0.3       | 3.6     | 1.92  | 97.7      | 25.5868 | 43.1313 |
| 2009 | 6     | 1   | 15   | 22     | 53     | 0.3       | 3.3     | 1.89  | 94.8      | 25.5606 | 42.5604 |
| 2009 | 6     | 1   | 15   | 32     | 53     | 0.3       | 3.3     | 1.88  | 91.5      | 25.5606 | 42.4853 |
| 2009 | 6     | 1   | 15   | 42     | 53     | 0.3       | 3.3     | 1.88  | 93.7      | 25.5606 | 42.4102 |
| 2009 | 6     | 1   | 15   | 52     | 53     | 0.3       | 3.3     | 1.91  | 92.1      | 25.5343 | 43.1166 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 1   | 16   | 2      | 53     | 0.3       | 3.3     | 1.9   | 95.9      | 25.5081 | 42.6216 |
| 2009 | 6     | 1   | 16   | 12     | 53     | 0.3       | 3.3     | 1.9   | 95.3      | 25.4818 | 42.8018 |
| 2009 | 6     | 1   | 16   | 22     | 53     | 0.3       | 3.3     | 1.89  | 93.3      | 25.4556 | 42.5326 |
| 2009 | 6     | 1   | 16   | 32     | 53     | 0.3       | 3.3     | 1.89  | 97.3      | 25.4293 | 42.2638 |
| 2009 | 6     | 1   | 16   | 42     | 53     | 0.3       | 3.3     | 1.88  | 94.4      | 25.4031 | 42.2195 |
| 2009 | 6     | 1   | 16   | 52     | 53     | 0.3       | 3.3     | 1.87  | 94.1      | 25.3768 | 41.8769 |
| 2009 | 6     | 1   | 17   | 2      | 53     | 0.3       | 3.3     | 1.9   | 94        | 25.3768 | 42.6228 |
| 2009 | 6     | 1   | 17   | 12     | 53     | 0.3       | 3.3     | 1.86  | 93.2      | 25.3506 | 41.6094 |
| 2009 | 6     | 1   | 17   | 22     | 53     | 0.3       | 3.3     | 1.91  | 95.1      | 25.3506 | 42.7271 |
| 2009 | 6     | 1   | 17   | 32     | 53     | 0.3       | 3.3     | 1.91  | 91.3      | 25.3243 | 42.9055 |
| 2009 | 6     | 1   | 17   | 42     | 53     | 0.3       | 3.3     | 1.9   | 93.4      | 25.3243 | 42.4588 |
| 2009 | 6     | 1   | 17   | 52     | 53     | 0.3       | 3.3     | 1.89  | 93.2      | 25.3243 | 42.3844 |
| 2009 | 6     | 1   | 18   | 2      | 53     | 0.3       | 3.3     | 1.87  | 93.4      | 25.2981 | 41.8937 |
| 2009 | 6     | 1   | 18   | 12     | 53     | 0.3       | 3.3     | 1.86  | 91.7      | 25.2981 | 41.745  |
| 2009 | 6     | 1   | 18   | 22     | 53     | 0.3       | 3.3     | 1.88  | 95.6      | 25.2981 | 41.8937 |
| 2009 | 6     | 1   | 18   | 32     | 53     | 0.3       | 3.3     | 1.9   | 95.5      | 25.2719 | 42.3695 |
| 2009 | 6     | 1   | 18   | 42     | 53     | 0.3       | 3.3     | 1.87  | 92.5      | 25.2719 | 41.8495 |
| 2009 | 6     | 1   | 18   | 52     | 53     | 0.3       | 3.3     | 1.91  | 94.1      | 25.2456 | 42.6216 |
| 2009 | 6     | 1   | 19   | 2      | 53     | 0.3       | 3.3     | 1.86  | 94.8      | 25.2456 | 41.5087 |
| 2009 | 6     | 1   | 19   | 12     | 53     | 0.3       | 3.3     | 1.9   | 94.2      | 25.2194 | 42.4284 |
| 2009 | 6     | 1   | 19   | 22     | 53     | 0.3       | 3.3     | 1.9   | 95.7      | 25.2194 | 42.206  |
| 2009 | 6     | 1   | 19   | 32     | 53     | 0.3       | 3.3     | 1.84  | 95.9      | 25.1669 | 40.8596 |
| 2009 | 6     | 1   | 19   | 42     | 53     | 0.3       | 3.3     | 1.9   | 95.9      | 25.1669 | 42.1908 |
| 2009 | 6     | 1   | 19   | 52     | 53     | 0.3       | 3.3     | 1.89  | 95.9      | 25.1144 | 41.8801 |
| 2009 | 6     | 1   | 20   | 2      | 53     | 0.3       | 3.3     | 1.9   | 95.3      | 25.1144 | 42.0277 |
| 2009 | 6     | 1   | 20   | 12     | 53     | 0.3       | 3.3     | 1.86  | 95.4      | 25.0619 | 41.1286 |
| 2009 | 6     | 1   | 20   | 22     | 53     | 0.3       | 3.3     | 1.88  | 94.6      | 25.0619 | 41.6441 |
| 2009 | 6     | 1   | 20   | 32     | 53     | 0.3       | 3.3     | 1.88  | 95.3      | 25.0356 | 41.5999 |
| 2009 | 6     | 1   | 20   | 42     | 53     | 0.3       | 3.3     | 1.92  | 94.9      | 25.0356 | 42.3357 |
| 2009 | 6     | 1   | 20   | 52     | 53     | 0.3       | 3.3     | 1.86  | 92.9      | 25.0094 | 41.1883 |
| 2009 | 6     | 1   | 21   | 2      | 53     | 0.3       | 3.3     | 1.88  | 95.2      | 25.0094 | 41.5558 |
| 2009 | 6     | 1   | 21   | 12     | 53     | 0.3       | 3.3     | 1.86  | 97        | 25.0094 | 40.9679 |
| 2009 | 6     | 1   | 21   | 22     | 53     | 0.3       | 3.3     | 1.85  | 94.7      | 24.9831 | 40.8509 |
| 2009 | 6     | 1   | 21   | 32     | 53     | 0.3       | 3.3     | 1.87  | 95.5      | 24.9831 | 41.218  |
| 2009 | 6     | 1   | 21   | 42     | 53     | 0.3       | 3.3     | 1.91  | 95.7      | 24.9831 | 42.0255 |
| 2009 | 6     | 1   | 21   | 52     | 53     | 0.3       | 3.3     | 1.87  | 95        | 24.9569 | 41.1008 |
| 2009 | 6     | 1   | 22   | 2      | 53     | 0.3       | 3.3     | 1.86  | 95.7      | 24.9569 | 40.9541 |
| 2009 | 6     | 1   | 22   | 12     | 53     | 0.3       | 3.3     | 1.89  | 97.3      | 24.9306 | 41.2767 |
| 2009 | 6     | 1   | 22   | 22     | 53     | 0.3       | 3.3     | 1.85  | 95        | 24.9306 | 40.764  |
| 2009 | 6     | 1   | 22   | 32     | 53     | 0.3       | 3.3     | 1.87  | 94.4      | 24.9044 | 41.0864 |
| 2009 | 6     | 1   | 22   | 42     | 53     | 0.3       | 3.3     | 1.88  | 93.5      | 24.9044 | 41.4523 |
| 2009 | 6     | 1   | 22   | 52     | 53     | 0.3       | 3.3     | 1.86  | 92.6      | 24.8782 | 40.8964 |
| 2009 | 6     | 1   | 23   | 2      | 53     | 0.3       | 3.3     | 1.89  | 94.4      | 24.8519 | 41.5098 |
| 2009 | 6     | 1   | 23   | 12     | 53     | 0.3       | 3.3     | 1.9   | 92.7      | 24.8257 | 41.6843 |
| 2009 | 6     | 1   | 23   | 22     | 53     | 0.3       | 3.3     | 1.89  | 94.6      | 24.7994 | 41.421  |
| 2009 | 6     | 1   | 23   | 32     | 53     | 0.3       | 3.3     | 1.89  | 92.8      | 24.7469 | 41.3323 |
| 2009 | 6     | 1   | 23   | 42     | 53     | 0.3       | 3.3     | 1.88  | 91.2      | 24.7207 | 41.1426 |
| 2009 | 6     | 1   | 23   | 52     | 53     | 0.3       | 3.3     | 1.9   | 93.4      | 24.7207 | 41.5058 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 2   | 0    | 2      | 53     | 0.3       | 3.3     | 1.85  | 94.8      | 24.7207 | 40.3437 |
| 2009 | 6     | 2   | 0    | 12     | 53     | 0.3       | 3.3     | 1.88  | 95        | 24.6944 | 41.0258 |
| 2009 | 6     | 2   | 0    | 22     | 53     | 0.3       | 3.3     | 1.85  | 93        | 24.6944 | 40.4454 |
| 2009 | 6     | 2   | 0    | 32     | 53     | 0.3       | 3.3     | 1.85  | 92.3      | 24.6682 | 40.3294 |
| 2009 | 6     | 2   | 0    | 42     | 53     | 0.3       | 3.3     | 1.87  | 94.4      | 24.6682 | 40.6193 |
| 2009 | 6     | 2   | 0    | 52     | 53     | 0.3       | 3.3     | 1.87  | 93.7      | 24.6419 | 40.6479 |
| 2009 | 6     | 2   | 1    | 2      | 53     | 0.3       | 3.3     | 1.88  | 94.6      | 24.6419 | 40.8651 |
| 2009 | 6     | 2   | 1    | 12     | 53     | 0.3       | 3.3     | 1.84  | 96        | 24.6419 | 39.8517 |
| 2009 | 6     | 2   | 1    | 22     | 53     | 0.3       | 3.3     | 1.88  | 93.7      | 24.6157 | 40.821  |
| 2009 | 6     | 2   | 1    | 32     | 53     | 0.3       | 3.3     | 1.86  | 94.6      | 24.6157 | 40.3148 |
| 2009 | 6     | 2   | 1    | 42     | 53     | 0.3       | 3.3     | 1.87  | 93        | 24.5895 | 40.5602 |
| 2009 | 6     | 2   | 1    | 52     | 53     | 0.3       | 3.3     | 1.9   | 94.3      | 24.5895 | 41.1382 |
| 2009 | 6     | 2   | 2    | 2      | 53     | 0.3       | 3.3     | 1.87  | 95.1      | 24.5632 | 40.5164 |
| 2009 | 6     | 2   | 2    | 12     | 53     | 0.3       | 3.3     | 1.84  | 93.5      | 24.537  | 39.968  |
| 2009 | 6     | 2   | 2    | 22     | 53     | 0.3       | 3.3     | 1.85  | 93.4      | 24.5107 | 40.1407 |
| 2009 | 6     | 2   | 2    | 32     | 53     | 0.3       | 3.3     | 1.87  | 92.7      | 24.4845 | 40.3849 |
| 2009 | 6     | 2   | 2    | 42     | 53     | 0.3       | 3.3     | 1.83  | 94        | 24.4583 | 39.479  |
| 2009 | 6     | 2   | 2    | 52     | 53     | 0.3       | 3.3     | 1.87  | 93.7      | 24.432  | 40.4408 |
| 2009 | 6     | 2   | 3    | 2      | 53     | 0.3       | 3.3     | 1.87  | 95.1      | 24.4058 | 40.2534 |
| 2009 | 6     | 2   | 3    | 12     | 53     | 0.3       | 3.3     | 1.88  | 94.3      | 24.3795 | 40.496  |
| 2009 | 6     | 2   | 3    | 22     | 53     | 0.3       | 3.3     | 1.86  | 96.2      | 24.3795 | 39.9947 |
| 2009 | 6     | 2   | 3    | 32     | 53     | 0.3       | 3.3     | 1.87  | 95.4      | 24.3533 | 40.1657 |
| 2009 | 6     | 2   | 3    | 42     | 53     | 0.3       | 3.3     | 1.84  | 92.9      | 24.3533 | 39.665  |
| 2009 | 6     | 2   | 3    | 52     | 53     | 0.3       | 3.3     | 1.84  | 93.9      | 24.3271 | 39.6217 |
| 2009 | 6     | 2   | 4    | 2      | 53     | 0.3       | 3.3     | 1.85  | 96.6      | 24.3271 | 39.6217 |
| 2009 | 6     | 2   | 4    | 12     | 53     | 0.3       | 3.3     | 1.86  | 94.5      | 24.3271 | 39.9075 |
| 2009 | 6     | 2   | 4    | 22     | 53     | 0.3       | 3.3     | 1.87  | 91.4      | 24.3008 | 40.1495 |
| 2009 | 6     | 2   | 4    | 32     | 53     | 0.3       | 3.3     | 1.85  | 94.2      | 24.3008 | 39.7212 |
| 2009 | 6     | 2   | 4    | 42     | 53     | 0.3       | 3.3     | 1.82  | 93.9      | 24.3008 | 39.0076 |
| 2009 | 6     | 2   | 4    | 52     | 53     | 0.3       | 3.3     | 1.85  | 95.2      | 24.2746 | 39.5352 |
| 2009 | 6     | 2   | 5    | 2      | 53     | 0.3       | 3.3     | 1.85  | 92.1      | 24.2746 | 39.6778 |
| 2009 | 6     | 2   | 5    | 12     | 53     | 0.3       | 3.3     | 1.88  | 94.9      | 24.2483 | 40.1329 |
| 2009 | 6     | 2   | 5    | 22     | 53     | 0.3       | 3.3     | 1.87  | 92.4      | 24.2483 | 40.0617 |
| 2009 | 6     | 2   | 5    | 32     | 53     | 0.3       | 3.3     | 1.85  | 95.4      | 24.2221 | 39.4486 |
| 2009 | 6     | 2   | 5    | 42     | 53     | 0.3       | 3.3     | 1.87  | 93.7      | 24.2221 | 39.9466 |
| 2009 | 6     | 2   | 5    | 52     | 53     | 0.3       | 3.3     | 1.85  | 94.3      | 24.1959 | 39.5475 |
| 2009 | 6     | 2   | 6    | 2      | 53     | 0.3       | 3.3     | 1.87  | 94.8      | 24.1696 | 39.93   |
| 2009 | 6     | 2   | 6    | 12     | 53     | 0.3       | 3.3     | 1.86  | 93.6      | 24.1434 | 39.6734 |
| 2009 | 6     | 2   | 6    | 22     | 53     | 0.3       | 3.3     | 1.88  | 94.4      | 24.1172 | 39.913  |
| 2009 | 6     | 2   | 6    | 32     | 53     | 0.3       | 3.3     | 1.87  | 93        | 24.0647 | 39.8251 |
| 2009 | 6     | 2   | 6    | 42     | 53     | 0.3       | 3.3     | 1.84  | 93.6      | 24.0647 | 39.0477 |
| 2009 | 6     | 2   | 6    | 52     | 53     | 0.3       | 3.3     | 1.88  | 91.3      | 24.0385 | 40.0636 |
| 2009 | 6     | 2   | 7    | 2      | 53     | 0.3       | 3.3     | 1.85  | 94.4      | 24.0385 | 39.287  |
| 2009 | 6     | 2   | 7    | 12     | 53     | 0.3       | 3.3     | 1.87  | 92.8      | 24.0122 | 39.5961 |
| 2009 | 6     | 2   | 7    | 22     | 53     | 0.3       | 3.3     | 1.84  | 92.3      | 24.0122 | 38.9615 |
| 2009 | 6     | 2   | 7    | 32     | 53     | 0.3       | 3.3     | 1.84  | 92.7      | 23.986  | 39.0593 |
| 2009 | 6     | 2   | 7    | 42     | 53     | 0.3       | 3.3     | 1.86  | 94.2      | 23.986  | 39.341  |
| 2009 | 6     | 2   | 7    | 52     | 53     | 0.3       | 3.3     | 1.84  | 95.9      | 23.986  | 38.7776 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 2   | 8    | 2      | 53     | 0.3       | 3.3     | 1.88  | 94.9      | 23.9598 | 39.7197 |
| 2009 | 6     | 2   | 8    | 12     | 53     | 0.3       | 3.3     | 1.86  | 94.7      | 23.9598 | 39.3678 |
| 2009 | 6     | 2   | 8    | 22     | 53     | 0.3       | 3.3     | 1.86  | 92.2      | 23.9598 | 39.3678 |
| 2009 | 6     | 2   | 8    | 32     | 53     | 0.3       | 3.3     | 1.9   | 93        | 23.9336 | 40.238  |
| 2009 | 6     | 2   | 8    | 42     | 53     | 0.3       | 3.3     | 1.81  | 90.5      | 23.9336 | 38.2701 |
| 2009 | 6     | 2   | 8    | 52     | 53     | 0.3       | 3.3     | 1.82  | 93.7      | 23.9336 | 38.5511 |
| 2009 | 6     | 2   | 9    | 2      | 53     | 0.3       | 3.3     | 1.86  | 92.8      | 23.9073 | 39.3508 |
| 2009 | 6     | 2   | 9    | 12     | 53     | 0.3       | 3.3     | 1.88  | 95.6      | 23.8811 | 39.5174 |
| 2009 | 6     | 2   | 9    | 22     | 53     | 0.3       | 3.3     | 1.82  | 92.9      | 23.8549 | 38.4228 |
| 2009 | 6     | 2   | 9    | 32     | 53     | 0.3       | 3.3     | 1.82  | 92.9      | 23.8286 | 38.2401 |
| 2009 | 6     | 2   | 9    | 42     | 53     | 0.3       | 3.3     | 1.83  | 92.1      | 23.8024 | 38.4071 |
| 2009 | 6     | 2   | 9    | 52     | 53     | 0.3       | 3.3     | 1.85  | 92.9      | 23.75   | 38.8793 |
| 2009 | 6     | 2   | 10   | 2      | 53     | 0.3       | 3.3     | 1.85  | 93.1      | 23.75   | 38.8096 |
| 2009 | 6     | 2   | 10   | 12     | 53     | 0.3       | 3.3     | 1.8   | 92.1      | 23.7237 | 37.6518 |
| 2009 | 6     | 2   | 10   | 22     | 53     | 0.3       | 3.3     | 1.82  | 92.9      | 23.7237 | 38.209  |
| 2009 | 6     | 2   | 10   | 32     | 53     | 0.3       | 3.3     | 1.85  | 91.5      | 23.6975 | 38.8619 |
| 2009 | 6     | 2   | 10   | 42     | 53     | 0.3       | 3.3     | 1.86  | 94        | 23.6975 | 39.0011 |
| 2009 | 6     | 2   | 10   | 52     | 53     | 0.3       | 3.3     | 1.9   | 94.2      | 23.6713 | 39.7916 |
| 2009 | 6     | 2   | 11   | 2      | 53     | 0.3       | 3.3     | 1.81  | 92.9      | 23.6713 | 37.915  |
| 2009 | 6     | 2   | 11   | 12     | 53     | 0.3       | 3.3     | 1.85  | 93.1      | 23.6713 | 38.7489 |
| 2009 | 6     | 2   | 11   | 22     | 53     | 0.3       | 3.3     | 1.85  | 91.4      | 23.6451 | 38.7749 |
| 2009 | 6     | 2   | 11   | 32     | 53     | 0.3       | 3.3     | 1.83  | 91.2      | 23.6451 | 38.2195 |
| 2009 | 6     | 2   | 11   | 42     | 53     | 0.3       | 3.3     | 1.84  | 94        | 23.6451 | 38.4972 |
| 2009 | 6     | 2   | 11   | 52     | 53     | 0.3       | 3.3     | 1.83  | 92        | 23.6189 | 38.1073 |
| 2009 | 6     | 2   | 12   | 2      | 53     | 0.3       | 3.3     | 1.83  | 92        | 23.5927 | 38.0644 |
| 2009 | 6     | 2   | 12   | 12     | 53     | 0.3       | 3.3     | 1.84  | 91.9      | 23.5664 | 38.2291 |
| 2009 | 6     | 2   | 12   | 22     | 53     | 0.3       | 3.3     | 1.83  | 92.3      | 23.5664 | 38.16   |
| 2009 | 6     | 2   | 12   | 32     | 53     | 0.3       | 3.3     | 1.86  | 93.2      | 23.5402 | 38.739  |
| 2009 | 6     | 2   | 12   | 42     | 53     | 0.3       | 3.3     | 1.83  | 92.6      | 23.4878 | 37.8931 |
| 2009 | 6     | 2   | 12   | 52     | 53     | 0.3       | 3.3     | 1.85  | 92.2      | 23.4878 | 38.3758 |
| 2009 | 6     | 2   | 13   | 2      | 53     | 0.3       | 3.3     | 1.88  | 91.9      | 23.4616 | 39.0213 |
| 2009 | 6     | 2   | 13   | 12     | 53     | 0.3       | 3.3     | 1.82  | 91.7      | 23.4354 | 37.6699 |
| 2009 | 6     | 2   | 13   | 22     | 53     | 0.3       | 3.3     | 1.84  | 92.6      | 23.4354 | 38.1515 |
| 2009 | 6     | 2   | 13   | 32     | 53     | 0.3       | 3.3     | 1.84  | 92.6      | 23.4092 | 38.0395 |
| 2009 | 6     | 2   | 13   | 42     | 53     | 0.3       | 3.3     | 1.85  | 93.5      | 23.4092 | 38.2457 |
| 2009 | 6     | 2   | 13   | 52     | 53     | 0.3       | 3.3     | 1.83  | 92.1      | 23.383  | 37.8591 |
| 2009 | 6     | 2   | 14   | 2      | 53     | 0.3       | 3.3     | 1.82  | 93        | 23.383  | 37.5846 |
| 2009 | 6     | 2   | 14   | 12     | 53     | 0.3       | 3.3     | 1.81  | 92.3      | 23.383  | 37.4473 |
| 2009 | 6     | 2   | 14   | 22     | 53     | 0.3       | 3.3     | 1.82  | 91.7      | 23.3568 | 37.4734 |
| 2009 | 6     | 2   | 14   | 32     | 53     | 0.3       | 3.3     | 1.85  | 91.5      | 23.3568 | 38.2961 |
| 2009 | 6     | 2   | 14   | 42     | 53     | 0.3       | 3.3     | 1.86  | 92.4      | 23.3568 | 38.4333 |
| 2009 | 6     | 2   | 14   | 52     | 53     | 0.3       | 3.3     | 1.81  | 91.7      | 23.3043 | 37.3199 |
| 2009 | 6     | 2   | 15   | 2      | 53     | 0.3       | 3.3     | 1.78  | 92.4      | 23.2781 | 36.5943 |
| 2009 | 6     | 2   | 15   | 12     | 53     | 0.3       | 3.3     | 1.83  | 93.5      | 23.2519 | 37.6443 |
| 2009 | 6     | 2   | 15   | 22     | 53     | 0.3       | 3.3     | 1.84  | 94.1      | 23.2257 | 37.6014 |
| 2009 | 6     | 2   | 15   | 32     | 53     | 0.3       | 3.3     | 1.82  | 93.3      | 23.1733 | 37.3115 |
| 2009 | 6     | 2   | 15   | 42     | 53     | 0.3       | 3.3     | 1.85  | 90.8      | 23.1733 | 37.8556 |
| 2009 | 6     | 2   | 15   | 52     | 53     | 0.3       | 3.3     | 1.83  | 93.6      | 23.1471 | 37.4726 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 2   | 16   | 2      | 53     | 0.3       | 3.3     | 1.85  | 94.5      | 23.1471 | 37.7443 |
| 2009 | 6     | 2   | 16   | 12     | 53     | 0.3       | 3.3     | 1.83  | 96.4      | 23.1209 | 37.0903 |
| 2009 | 6     | 2   | 16   | 22     | 53     | 0.3       | 3.3     | 1.86  | 94.8      | 23.1209 | 37.8368 |
| 2009 | 6     | 2   | 16   | 32     | 53     | 0.3       | 3.3     | 1.81  | 93.8      | 23.0948 | 36.9122 |
| 2009 | 6     | 2   | 16   | 42     | 53     | 0.3       | 3.3     | 1.79  | 92.4      | 23.0948 | 36.4379 |
| 2009 | 6     | 2   | 16   | 52     | 53     | 0.3       | 3.3     | 1.84  | 93.2      | 23.0948 | 37.4545 |
| 2009 | 6     | 2   | 17   | 2      | 53     | 0.3       | 3.3     | 1.81  | 92.6      | 23.0948 | 36.8445 |
| 2009 | 6     | 2   | 17   | 12     | 53     | 0.3       | 3.3     | 1.83  | 92.6      | 23.0686 | 37.3438 |
| 2009 | 6     | 2   | 17   | 22     | 53     | 0.3       | 3.3     | 1.85  | 93.1      | 23.0686 | 37.6823 |
| 2009 | 6     | 2   | 17   | 32     | 53     | 0.3       | 3.3     | 1.84  | 91.9      | 23.0424 | 37.3685 |
| 2009 | 6     | 2   | 17   | 42     | 53     | 0.3       | 3.3     | 1.84  | 91.8      | 23.0424 | 37.4361 |
| 2009 | 6     | 2   | 17   | 52     | 53     | 0.3       | 3.3     | 1.82  | 92.5      | 22.99   | 37.0126 |
| 2009 | 6     | 2   | 18   | 2      | 53     | 0.3       | 3.3     | 1.86  | 91.4      | 23.0162 | 37.8659 |
| 2009 | 6     | 2   | 18   | 12     | 53     | 0.3       | 3.3     | 1.8   | 93.8      | 22.9638 | 36.4308 |
| 2009 | 6     | 2   | 18   | 22     | 53     | 0.3       | 3       | 1.87  | 92.5      | 22.9376 | 37.937  |
| 2009 | 6     | 2   | 18   | 32     | 53     | 0.3       | 3       | 1.82  | 92        | 22.8591 | 36.7992 |
| 2009 | 6     | 2   | 18   | 42     | 53     | 0.3       | 3       | 1.83  | 90.9      | 22.9114 | 37.0862 |
| 2009 | 6     | 2   | 18   | 52     | 53     | 0.3       | 3       | 1.84  | 92.6      | 22.8853 | 37.1105 |
| 2009 | 6     | 2   | 19   | 2      | 53     | 0.3       | 3       | 1.82  | 91.4      | 22.8329 | 36.8235 |
| 2009 | 6     | 2   | 19   | 12     | 53     | 0.3       | 3       | 1.82  | 91.9      | 22.8329 | 36.7565 |
| 2009 | 6     | 2   | 19   | 22     | 53     | 0.3       | 3       | 1.82  | 92        | 22.8329 | 36.6895 |
| 2009 | 6     | 2   | 19   | 32     | 53     | 0.3       | 3       | 1.86  | 91.8      | 22.8067 | 37.5839 |
| 2009 | 6     | 2   | 19   | 42     | 53     | 0.3       | 3       | 1.85  | 92.8      | 22.8067 | 37.3162 |
| 2009 | 6     | 2   | 19   | 52     | 53     | 0.3       | 3       | 1.81  | 91        | 22.8067 | 36.5131 |
| 2009 | 6     | 2   | 20   | 2      | 53     | 0.3       | 3       | 1.87  | 93.1      | 22.8067 | 37.5839 |
| 2009 | 6     | 2   | 20   | 12     | 53     | 0.3       | 3       | 1.83  | 93.1      | 22.7805 | 36.8717 |
| 2009 | 6     | 2   | 20   | 22     | 53     | 0.3       | 3       | 1.82  | 92.8      | 22.7805 | 36.6043 |
| 2009 | 6     | 2   | 20   | 32     | 53     | 0.3       | 3       | 1.85  | 92.4      | 22.7544 | 37.1627 |
| 2009 | 6     | 2   | 20   | 42     | 53     | 0.3       | 3       | 1.84  | 91.7      | 22.7282 | 37.0527 |
| 2009 | 6     | 2   | 20   | 52     | 53     | 0.3       | 3       | 1.84  | 92        | 22.7544 | 37.0291 |
| 2009 | 6     | 2   | 21   | 2      | 53     | 0.3       | 3       | 1.84  | 91.8      | 22.7282 | 36.9193 |
| 2009 | 6     | 2   | 21   | 12     | 53     | 0.3       | 3       | 1.84  | 91.9      | 22.702  | 36.9429 |
| 2009 | 6     | 2   | 21   | 22     | 53     | 0.3       | 3       | 1.8   | 91.4      | 22.6758 | 36.1679 |
| 2009 | 6     | 2   | 21   | 32     | 53     | 0.3       | 3       | 1.81  | 92.4      | 22.6497 | 36.1921 |
| 2009 | 6     | 2   | 21   | 42     | 53     | 0.3       | 3       | 1.85  | 93.3      | 22.6235 | 36.88   |
| 2009 | 6     | 2   | 21   | 52     | 53     | 0.3       | 3       | 1.81  | 93.6      | 22.5973 | 36.1737 |
| 2009 | 6     | 2   | 22   | 2      | 53     | 0.3       | 3       | 1.81  | 92        | 22.5973 | 36.1737 |
| 2009 | 6     | 2   | 22   | 12     | 53     | 0.3       | 3       | 1.82  | 92.9      | 22.5712 | 36.1975 |
| 2009 | 6     | 2   | 22   | 22     | 53     | 0.3       | 3       | 1.82  | 92.4      | 22.545  | 36.1551 |
| 2009 | 6     | 2   | 22   | 32     | 53     | 0.3       | 3       | 1.83  | 93.5      | 22.5189 | 36.3108 |
| 2009 | 6     | 2   | 22   | 42     | 53     | 0.3       | 3       | 1.83  | 93.2      | 22.5189 | 36.3769 |
| 2009 | 6     | 2   | 22   | 52     | 53     | 0.3       | 3       | 1.83  | 92.4      | 22.5189 | 36.3769 |
| 2009 | 6     | 2   | 23   | 2      | 53     | 0.3       | 3       | 1.82  | 92        | 22.5189 | 36.2447 |
| 2009 | 6     | 2   | 23   | 12     | 53     | 0.3       | 3       | 1.81  | 93.1      | 22.4927 | 36.0041 |
| 2009 | 6     | 2   | 23   | 22     | 53     | 0.3       | 3       | 1.85  | 95        | 22.4927 | 36.6641 |
| 2009 | 6     | 2   | 23   | 32     | 53     | 0.3       | 3       | 1.87  | 95.3      | 22.4666 | 37.0824 |
| 2009 | 6     | 2   | 23   | 42     | 53     | 0.3       | 3       | 1.83  | 95.4      | 22.4666 | 36.2254 |
| 2009 | 6     | 2   | 23   | 52     | 53     | 0.3       | 3       | 1.83  | 94.3      | 22.4666 | 36.2254 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 3   | 0    | 2      | 53     | 0.3       | 3       | 1.8   | 93.9      | 22.4404 | 35.5902 |
| 2009 | 6     | 3   | 0    | 12     | 53     | 0.3       | 3       | 1.83  | 96.2      | 22.4404 | 36.051  |
| 2009 | 6     | 3   | 0    | 22     | 53     | 0.3       | 3       | 1.82  | 93.6      | 22.4142 | 36.0085 |
| 2009 | 6     | 3   | 0    | 32     | 53     | 0.3       | 3       | 1.79  | 96.5      | 22.3881 | 35.1123 |
| 2009 | 6     | 3   | 0    | 42     | 53     | 0.3       | 3       | 1.85  | 94        | 22.3619 | 36.4483 |
| 2009 | 6     | 3   | 0    | 52     | 53     | 0.3       | 3       | 1.83  | 94.7      | 22.3619 | 36.0546 |
| 2009 | 6     | 3   | 1    | 2      | 53     | 0.3       | 3       | 1.83  | 93.3      | 22.3619 | 36.1859 |
| 2009 | 6     | 3   | 1    | 12     | 53     | 0.3       | 3       | 1.82  | 92        | 22.3358 | 35.9464 |
| 2009 | 6     | 3   | 1    | 22     | 53     | 0.3       | 3       | 1.81  | 94.2      | 22.2835 | 35.5998 |
| 2009 | 6     | 3   | 1    | 32     | 53     | 0.3       | 3       | 1.87  | 93.5      | 22.2835 | 36.7112 |
| 2009 | 6     | 3   | 1    | 42     | 53     | 0.3       | 3       | 1.81  | 94.5      | 22.2574 | 35.5575 |
| 2009 | 6     | 3   | 1    | 52     | 53     | 0.3       | 3       | 1.84  | 94        | 22.2312 | 35.9717 |
| 2009 | 6     | 3   | 2    | 2      | 53     | 0.3       | 3       | 1.86  | 93.4      | 22.2051 | 36.3849 |
| 2009 | 6     | 3   | 2    | 12     | 53     | 0.3       | 3       | 1.82  | 94.7      | 22.2051 | 35.5381 |
| 2009 | 6     | 3   | 2    | 22     | 53     | 0.3       | 3       | 1.82  | 95.1      | 22.2051 | 35.5381 |
| 2009 | 6     | 3   | 2    | 32     | 53     | 0.3       | 3       | 1.84  | 95.1      | 22.179  | 36.0162 |
| 2009 | 6     | 3   | 2    | 42     | 53     | 0.3       | 3       | 1.84  | 94.1      | 22.179  | 35.8861 |
| 2009 | 6     | 3   | 2    | 52     | 53     | 0.3       | 3       | 1.8   | 96.1      | 22.179  | 35.1705 |
| 2009 | 6     | 3   | 3    | 2      | 53     | 0.3       | 3       | 1.81  | 94.9      | 22.1528 | 35.3234 |
| 2009 | 6     | 3   | 3    | 12     | 53     | 0.3       | 3       | 1.83  | 95.4      | 22.1528 | 35.7133 |
| 2009 | 6     | 3   | 3    | 22     | 53     | 0.3       | 3       | 1.84  | 96.2      | 22.1528 | 35.8433 |
| 2009 | 6     | 3   | 3    | 32     | 53     | 0.3       | 3       | 1.8   | 95.4      | 22.1267 | 35.0866 |
| 2009 | 6     | 3   | 3    | 42     | 53     | 0.3       | 3       | 1.8   | 94.9      | 22.1267 | 35.0866 |
| 2009 | 6     | 3   | 3    | 52     | 53     | 0.3       | 3       | 1.85  | 96        | 22.1006 | 36.017  |
| 2009 | 6     | 3   | 4    | 2      | 53     | 0.3       | 3       | 1.86  | 95.6      | 22.1006 | 36.2115 |
| 2009 | 6     | 3   | 4    | 12     | 53     | 0.3       | 3       | 1.86  | 94.7      | 22.0744 | 36.1034 |
| 2009 | 6     | 3   | 4    | 22     | 53     | 0.3       | 3       | 1.85  | 95.1      | 22.0483 | 35.9955 |
| 2009 | 6     | 3   | 4    | 32     | 53     | 0.3       | 3       | 1.86  | 96.1      | 22.0222 | 36.0169 |
| 2009 | 6     | 3   | 4    | 42     | 53     | 0.3       | 3       | 1.83  | 95.3      | 21.9961 | 35.4575 |
| 2009 | 6     | 3   | 4    | 52     | 53     | 0.3       | 3       | 1.85  | 95.8      | 21.9699 | 35.7371 |
| 2009 | 6     | 3   | 5    | 2      | 53     | 0.3       | 3       | 1.86  | 95.4      | 21.9438 | 35.8228 |
| 2009 | 6     | 3   | 5    | 12     | 53     | 0.3       | 3       | 1.86  | 94.8      | 21.9177 | 35.9079 |
| 2009 | 6     | 3   | 5    | 22     | 53     | 0.3       | 3       | 1.83  | 96.1      | 21.9177 | 35.2007 |
| 2009 | 6     | 3   | 5    | 32     | 53     | 0.3       | 3       | 1.83  | 95.8      | 21.8916 | 35.1577 |
| 2009 | 6     | 3   | 5    | 42     | 53     | 0.3       | 3       | 1.87  | 93.5      | 21.8655 | 36.0127 |
| 2009 | 6     | 3   | 5    | 52     | 53     | 0.3       | 3       | 1.85  | 95.4      | 21.8655 | 35.6278 |
| 2009 | 6     | 3   | 6    | 2      | 53     | 0.3       | 3       | 1.83  | 95.1      | 21.8655 | 35.3072 |
| 2009 | 6     | 3   | 6    | 12     | 53     | 0.3       | 3       | 1.88  | 95        | 21.8394 | 36.0968 |
| 2009 | 6     | 3   | 6    | 22     | 53     | 0.3       | 3       | 1.84  | 95        | 21.8394 | 35.4561 |
| 2009 | 6     | 3   | 6    | 32     | 53     | 0.3       | 3       | 1.84  | 96.5      | 21.8394 | 35.1999 |
| 2009 | 6     | 3   | 6    | 42     | 53     | 0.3       | 3       | 1.85  | 96.1      | 21.8133 | 35.5407 |
| 2009 | 6     | 3   | 6    | 52     | 53     | 0.3       | 3       | 1.85  | 94.8      | 21.8133 | 35.6047 |
| 2009 | 6     | 3   | 7    | 2      | 53     | 0.3       | 3       | 1.85  | 96.3      | 21.8133 | 35.4767 |
| 2009 | 6     | 3   | 7    | 12     | 53     | 0.3       | 3       | 1.87  | 95.3      | 21.8133 | 35.7966 |
| 2009 | 6     | 3   | 7    | 22     | 53     | 0.3       | 3       | 1.83  | 93.8      | 21.7872 | 35.1137 |
| 2009 | 6     | 3   | 7    | 32     | 53     | 0.3       | 3       | 1.86  | 94.2      | 21.7611 | 35.6451 |
| 2009 | 6     | 3   | 7    | 42     | 53     | 0.3       | 3       | 1.87  | 95.6      | 21.7611 | 35.7727 |
| 2009 | 6     | 3   | 7    | 52     | 53     | 0.3       | 3       | 1.84  | 94        | 21.7611 | 35.1983 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 3   | 8    | 2      | 53     | 0.3       | 3       | 1.85  | 96.3      | 21.735  | 35.3463 |
| 2009 | 6     | 3   | 8    | 12     | 53     | 0.3       | 3       | 1.86  | 96        | 21.7089 | 35.4938 |
| 2009 | 6     | 3   | 8    | 22     | 53     | 0.3       | 3       | 1.83  | 94.3      | 21.6828 | 34.9414 |
| 2009 | 6     | 3   | 8    | 32     | 53     | 0.3       | 3       | 1.85  | 93.8      | 21.6567 | 35.3429 |
| 2009 | 6     | 3   | 8    | 42     | 53     | 0.3       | 3       | 1.86  | 96.4      | 21.6306 | 35.2359 |
| 2009 | 6     | 3   | 8    | 52     | 53     | 0.3       | 3       | 1.84  | 95.9      | 21.6045 | 34.939  |
| 2009 | 6     | 3   | 9    | 2      | 53     | 0.3       | 3       | 1.81  | 94.8      | 21.5784 | 34.4529 |
| 2009 | 6     | 3   | 9    | 12     | 53     | 0.3       | 3       | 1.8   | 94.9      | 21.5523 | 34.1576 |
| 2009 | 6     | 3   | 9    | 22     | 53     | 0.3       | 3       | 1.8   | 94.6      | 21.5523 | 34.0944 |
| 2009 | 6     | 3   | 9    | 32     | 53     | 0.3       | 3       | 1.85  | 92.6      | 21.5523 | 35.1054 |
| 2009 | 6     | 3   | 9    | 42     | 53     | 0.3       | 3       | 1.76  | 92.3      | 21.6045 | 33.6089 |
| 2009 | 6     | 3   | 9    | 52     | 53     | 0.3       | 3       | 1.79  | 92.6      | 21.5263 | 33.9259 |
| 2009 | 6     | 3   | 10   | 2      | 53     | 0.3       | 3       | 1.8   | 94.1      | 21.5002 | 34.0729 |
| 2009 | 6     | 3   | 10   | 12     | 53     | 0.3       | 3       | 1.81  | 94.5      | 21.5002 | 34.325  |
| 2009 | 6     | 3   | 10   | 22     | 53     | 0.3       | 3       | 1.81  | 93.5      | 21.5002 | 34.325  |
| 2009 | 6     | 3   | 10   | 32     | 53     | 0.3       | 3       | 1.82  | 95.2      | 21.5002 | 34.5141 |
| 2009 | 6     | 3   | 10   | 42     | 53     | 0.3       | 3       | 1.84  | 94.8      | 21.4741 | 34.723  |
| 2009 | 6     | 3   | 10   | 52     | 53     | 0.3       | 3       | 1.86  | 95.5      | 21.4741 | 35.0378 |
| 2009 | 6     | 3   | 11   | 2      | 53     | 0.3       | 3       | 1.84  | 95.1      | 21.4741 | 34.786  |
| 2009 | 6     | 3   | 11   | 12     | 53     | 0.3       | 3       | 1.79  | 94.6      | 21.448  | 33.8625 |
| 2009 | 6     | 3   | 11   | 22     | 53     | 0.3       | 3       | 1.85  | 94.1      | 21.448  | 34.8685 |
| 2009 | 6     | 3   | 11   | 32     | 53     | 0.3       | 3       | 1.78  | 95.1      | 21.422  | 33.4437 |
| 2009 | 6     | 3   | 11   | 42     | 53     | 0.3       | 3       | 1.78  | 94.5      | 21.422  | 33.632  |
| 2009 | 6     | 3   | 11   | 52     | 53     | 0.3       | 3       | 1.85  | 94.5      | 21.3959 | 34.7817 |
| 2009 | 6     | 3   | 12   | 2      | 53     | 0.3       | 3       | 1.78  | 95.3      | 21.3959 | 33.5274 |
| 2009 | 6     | 3   | 12   | 12     | 53     | 0.3       | 3       | 1.8   | 94.7      | 21.3438 | 33.8191 |
| 2009 | 6     | 3   | 12   | 22     | 53     | 0.3       | 3       | 1.77  | 97        | 21.3177 | 33.0272 |
| 2009 | 6     | 3   | 12   | 32     | 53     | 0.3       | 3       | 1.82  | 95.3      | 21.2917 | 34.1089 |
| 2009 | 6     | 3   | 12   | 42     | 53     | 0.3       | 3       | 1.8   | 94.8      | 21.2656 | 33.63   |
| 2009 | 6     | 3   | 12   | 52     | 53     | 0.3       | 3       | 1.85  | 94.4      | 21.2396 | 34.5838 |
| 2009 | 6     | 3   | 13   | 2      | 53     | 0.3       | 3       | 1.79  | 93.3      | 21.2396 | 33.5255 |
| 2009 | 6     | 3   | 13   | 12     | 53     | 0.3       | 3       | 1.84  | 95.4      | 21.2135 | 34.2916 |
| 2009 | 6     | 3   | 13   | 22     | 53     | 0.3       | 3       | 1.83  | 94.5      | 21.2135 | 34.1673 |
| 2009 | 6     | 3   | 13   | 32     | 53     | 0.3       | 3       | 1.81  | 95        | 21.2135 | 33.7942 |
| 2009 | 6     | 3   | 13   | 42     | 53     | 0.3       | 3       | 1.83  | 94.8      | 21.2135 | 34.1051 |
| 2009 | 6     | 3   | 13   | 52     | 53     | 0.3       | 3       | 1.81  | 95.6      | 21.1875 | 33.6276 |
| 2009 | 6     | 3   | 14   | 2      | 53     | 0.3       | 3       | 1.81  | 93.4      | 21.1875 | 33.7518 |
| 2009 | 6     | 3   | 14   | 12     | 53     | 0.3       | 3       | 1.8   | 94.3      | 21.1875 | 33.5034 |
| 2009 | 6     | 3   | 14   | 22     | 53     | 0.3       | 3       | 1.77  | 93.5      | 21.1614 | 32.9653 |
| 2009 | 6     | 3   | 14   | 32     | 53     | 0.3       | 3       | 1.78  | 93        | 21.1614 | 33.2752 |
| 2009 | 6     | 3   | 14   | 42     | 53     | 0.3       | 3       | 1.8   | 94.2      | 21.1354 | 33.4191 |
| 2009 | 6     | 3   | 14   | 52     | 53     | 0.3       | 3       | 1.81  | 93.5      | 21.1354 | 33.7288 |
| 2009 | 6     | 3   | 15   | 2      | 53     | 0.3       | 3       | 1.77  | 92.9      | 21.1093 | 32.8822 |
| 2009 | 6     | 3   | 15   | 12     | 53     | 0.3       | 3       | 1.79  | 92.3      | 21.1093 | 33.3769 |
| 2009 | 6     | 3   | 15   | 22     | 53     | 0.3       | 3       | 1.83  | 92.9      | 21.1093 | 33.9955 |
| 2009 | 6     | 3   | 15   | 32     | 53     | 0.3       | 3       | 1.81  | 94.6      | 21.0833 | 33.6437 |
| 2009 | 6     | 3   | 15   | 42     | 53     | 0.3       | 3       | 1.8   | 96.4      | 21.0573 | 33.2927 |
| 2009 | 6     | 3   | 15   | 52     | 53     | 0.3       | 3       | 1.81  | 93.2      | 21.0312 | 33.5586 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 3   | 16   | 2      | 53     | 0.3       | 3       | 1.8   | 95        | 21.0312 | 33.3738 |
| 2009 | 6     | 3   | 16   | 12     | 53     | 0.3       | 3       | 1.83  | 93.8      | 20.9792 | 33.8424 |
| 2009 | 6     | 3   | 16   | 22     | 53     | 0.3       | 3       | 1.82  | 95.2      | 20.9792 | 33.658  |
| 2009 | 6     | 3   | 16   | 32     | 53     | 0.3       | 3       | 1.82  | 93.9      | 20.9792 | 33.5351 |
| 2009 | 6     | 3   | 16   | 42     | 53     | 0.3       | 3       | 1.77  | 91.3      | 20.9792 | 32.6746 |
| 2009 | 6     | 3   | 16   | 52     | 53     | 0.3       | 3       | 1.82  | 93.2      | 20.9792 | 33.7195 |
| 2009 | 6     | 3   | 17   | 2      | 53     | 0.3       | 3       | 1.8   | 93.8      | 20.9792 | 33.2277 |
| 2009 | 6     | 3   | 17   | 12     | 53     | 0.3       | 3       | 1.8   | 94.2      | 20.9792 | 33.1663 |
| 2009 | 6     | 3   | 17   | 22     | 53     | 0.3       | 3       | 1.8   | 95.3      | 20.9532 | 33.1242 |
| 2009 | 6     | 3   | 17   | 32     | 53     | 0.3       | 3       | 1.77  | 94.5      | 20.9271 | 32.5304 |
| 2009 | 6     | 3   | 17   | 42     | 53     | 0.3       | 3       | 1.83  | 93.2      | 20.9271 | 33.8178 |
| 2009 | 6     | 3   | 17   | 52     | 53     | 0.3       | 3       | 1.79  | 94        | 20.9271 | 33.0208 |
| 2009 | 6     | 3   | 18   | 2      | 53     | 0.3       | 3       | 1.78  | 95.6      | 20.9271 | 32.7756 |
| 2009 | 6     | 3   | 18   | 12     | 53     | 0.3       | 3       | 1.82  | 93.1      | 20.9011 | 33.4686 |
| 2009 | 6     | 3   | 18   | 22     | 53     | 0.3       | 3       | 1.8   | 92.6      | 20.9011 | 33.1624 |
| 2009 | 6     | 3   | 18   | 32     | 53     | 0.3       | 3       | 1.8   | 94.4      | 20.9011 | 33.1012 |
| 2009 | 6     | 3   | 18   | 42     | 53     | 0.3       | 3       | 1.8   | 94        | 20.8751 | 33.1201 |
| 2009 | 6     | 3   | 18   | 52     | 53     | 0.3       | 3       | 1.79  | 94.7      | 20.8751 | 32.9367 |
| 2009 | 6     | 3   | 19   | 2      | 53     | 0.3       | 3       | 1.81  | 94.5      | 20.8751 | 33.1813 |
| 2009 | 6     | 3   | 19   | 12     | 53     | 0.3       | 3       | 1.82  | 93.8      | 20.8751 | 33.3648 |
| 2009 | 6     | 3   | 19   | 22     | 53     | 0.3       | 3       | 1.78  | 93.1      | 20.8751 | 32.7533 |
| 2009 | 6     | 3   | 19   | 32     | 53     | 0.3       | 3       | 1.84  | 94.7      | 20.8491 | 33.8109 |
| 2009 | 6     | 3   | 19   | 42     | 53     | 0.3       | 3       | 1.84  | 96        | 20.8491 | 33.6276 |
| 2009 | 6     | 3   | 19   | 52     | 53     | 0.3       | 3       | 1.83  | 95.9      | 20.8491 | 33.4444 |
| 2009 | 6     | 3   | 20   | 2      | 53     | 0.3       | 3       | 1.8   | 95.6      | 20.8231 | 32.9137 |
| 2009 | 6     | 3   | 20   | 12     | 53     | 0.3       | 3       | 1.79  | 94.6      | 20.8231 | 32.8527 |
| 2009 | 6     | 3   | 20   | 22     | 53     | 0.3       | 3       | 1.79  | 95.5      | 20.7971 | 32.7498 |
| 2009 | 6     | 3   | 20   | 32     | 53     | 0.3       | 3       | 1.81  | 95.6      | 20.7971 | 33.0544 |
| 2009 | 6     | 3   | 20   | 42     | 53     | 0.3       | 3       | 1.79  | 95.4      | 20.7971 | 32.7498 |
| 2009 | 6     | 3   | 20   | 52     | 53     | 0.3       | 3       | 1.82  | 96.8      | 20.7971 | 33.2371 |
| 2009 | 6     | 3   | 21   | 2      | 53     | 0.3       | 3       | 1.79  | 94.5      | 20.7451 | 32.666  |
| 2009 | 6     | 3   | 21   | 12     | 53     | 0.3       | 3       | 1.8   | 96        | 20.7451 | 32.7875 |
| 2009 | 6     | 3   | 21   | 22     | 53     | 0.3       | 3       | 1.81  | 94.7      | 20.7191 | 33.0488 |
| 2009 | 6     | 3   | 21   | 32     | 53     | 0.3       | 3       | 1.83  | 94.2      | 20.6931 | 33.2489 |
| 2009 | 6     | 3   | 21   | 42     | 53     | 0.3       | 3       | 1.81  | 94.7      | 20.6671 | 32.964  |
| 2009 | 6     | 3   | 21   | 52     | 53     | 0.3       | 3       | 1.82  | 94.8      | 20.6671 | 33.0245 |
| 2009 | 6     | 3   | 22   | 2      | 53     | 0.3       | 3       | 1.76  | 93.7      | 20.6151 | 31.9736 |
| 2009 | 6     | 3   | 22   | 12     | 53     | 0.3       | 3       | 1.76  | 94.9      | 20.6151 | 31.8529 |
| 2009 | 6     | 3   | 22   | 22     | 53     | 0.3       | 3       | 1.82  | 94.1      | 20.6151 | 33.0603 |
| 2009 | 6     | 3   | 22   | 32     | 53     | 0.3       | 3       | 1.79  | 96.5      | 20.5892 | 32.3544 |
| 2009 | 6     | 3   | 22   | 42     | 53     | 0.3       | 3       | 1.8   | 94.1      | 20.5892 | 32.5352 |
| 2009 | 6     | 3   | 22   | 52     | 53     | 0.3       | 3       | 1.8   | 94.6      | 20.5632 | 32.6137 |
| 2009 | 6     | 3   | 23   | 2      | 53     | 0.3       | 3       | 1.82  | 95.3      | 20.5632 | 32.7943 |
| 2009 | 6     | 3   | 23   | 12     | 53     | 0.3       | 3       | 1.81  | 94.8      | 20.5632 | 32.7341 |
| 2009 | 6     | 3   | 23   | 22     | 53     | 0.3       | 3       | 1.83  | 94.1      | 20.5632 | 33.0352 |
| 2009 | 6     | 3   | 23   | 32     | 53     | 0.3       | 3       | 1.8   | 95.2      | 20.5372 | 32.3911 |
| 2009 | 6     | 3   | 23   | 42     | 53     | 0.3       | 3       | 1.81  | 95.5      | 20.5372 | 32.6918 |
| 2009 | 6     | 3   | 23   | 52     | 53     | 0.3       | 3       | 1.83  | 93.8      | 20.5372 | 33.0527 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 4   | 0    | 2      | 53     | 0.3       | 3       | 1.77  | 94        | 20.5372 | 32.0303 |
| 2009 | 6     | 4   | 0    | 12     | 53     | 0.3       | 3       | 1.79  | 94.3      | 20.5112 | 32.2891 |
| 2009 | 6     | 4   | 0    | 22     | 53     | 0.3       | 3       | 1.81  | 95.2      | 20.5112 | 32.6495 |
| 2009 | 6     | 4   | 0    | 32     | 53     | 0.3       | 3       | 1.83  | 94.1      | 20.5112 | 33.0699 |
| 2009 | 6     | 4   | 0    | 42     | 53     | 0.3       | 3       | 1.81  | 93.7      | 20.5112 | 32.7095 |
| 2009 | 6     | 4   | 0    | 52     | 53     | 0.3       | 3       | 1.81  | 94.4      | 20.4853 | 32.6072 |
| 2009 | 6     | 4   | 1    | 2      | 53     | 0.3       | 3       | 1.82  | 95.2      | 20.4853 | 32.7271 |
| 2009 | 6     | 4   | 1    | 12     | 53     | 0.3       | 3       | 1.83  | 95        | 20.4593 | 32.9843 |
| 2009 | 6     | 4   | 1    | 22     | 53     | 0.3       | 3       | 1.81  | 95.1      | 20.4593 | 32.4451 |
| 2009 | 6     | 4   | 1    | 32     | 53     | 0.3       | 3       | 1.77  | 93.7      | 20.4333 | 31.8047 |
| 2009 | 6     | 4   | 1    | 42     | 53     | 0.3       | 3       | 1.77  | 93.9      | 20.4333 | 31.8645 |
| 2009 | 6     | 4   | 1    | 52     | 53     | 0.3       | 3       | 1.82  | 95.5      | 20.4074 | 32.6596 |
| 2009 | 6     | 4   | 2    | 2      | 53     | 0.3       | 3       | 1.77  | 93.7      | 20.4074 | 31.8231 |
| 2009 | 6     | 4   | 2    | 12     | 53     | 0.3       | 3       | 1.79  | 96        | 20.3814 | 31.9607 |
| 2009 | 6     | 4   | 2    | 22     | 53     | 0.3       | 3       | 1.81  | 94.5      | 20.3555 | 32.4553 |
| 2009 | 6     | 4   | 2    | 32     | 53     | 0.3       | 3       | 1.83  | 95.5      | 20.3295 | 32.6511 |
| 2009 | 6     | 4   | 2    | 42     | 53     | 0.3       | 3       | 1.81  | 94.9      | 20.3036 | 32.2518 |
| 2009 | 6     | 4   | 2    | 52     | 53     | 0.3       | 3       | 1.79  | 93.5      | 20.2776 | 31.9128 |
| 2009 | 6     | 4   | 3    | 2      | 53     | 0.3       | 3       | 1.8   | 94.9      | 20.2776 | 32.0315 |
| 2009 | 6     | 4   | 3    | 12     | 53     | 0.3       | 3       | 1.78  | 95.7      | 20.2517 | 31.6339 |
| 2009 | 6     | 4   | 3    | 22     | 53     | 0.3       | 3       | 1.8   | 96.2      | 20.2517 | 31.9303 |
| 2009 | 6     | 4   | 3    | 32     | 53     | 0.3       | 3       | 1.79  | 94.3      | 20.2517 | 31.8118 |
| 2009 | 6     | 4   | 3    | 42     | 53     | 0.3       | 3       | 1.82  | 96.4      | 20.2258 | 32.2437 |
| 2009 | 6     | 4   | 3    | 52     | 53     | 0.3       | 3       | 1.79  | 94.7      | 20.2258 | 31.8885 |
| 2009 | 6     | 4   | 4    | 2      | 53     | 0.3       | 3       | 1.8   | 94        | 20.2258 | 31.9477 |
| 2009 | 6     | 4   | 4    | 12     | 53     | 0.3       | 3       | 1.79  | 94.8      | 20.1998 | 31.7875 |
| 2009 | 6     | 4   | 4    | 22     | 53     | 0.3       | 3       | 1.79  | 96.9      | 20.1998 | 31.7284 |
| 2009 | 6     | 4   | 4    | 32     | 53     | 0.3       | 3       | 1.81  | 95        | 20.1998 | 32.0832 |
| 2009 | 6     | 4   | 4    | 42     | 53     | 0.3       | 3       | 1.8   | 96.3      | 20.1998 | 31.9058 |
| 2009 | 6     | 4   | 4    | 52     | 53     | 0.3       | 3       | 1.75  | 94.7      | 20.1739 | 31.0963 |
| 2009 | 6     | 4   | 5    | 2      | 53     | 0.3       | 3       | 1.77  | 95.8      | 20.1739 | 31.2734 |
| 2009 | 6     | 4   | 5    | 12     | 53     | 0.3       | 3       | 1.83  | 94.1      | 20.1739 | 32.5135 |
| 2009 | 6     | 4   | 5    | 22     | 53     | 0.3       | 3       | 1.8   | 95.6      | 20.1739 | 31.8048 |
| 2009 | 6     | 4   | 5    | 32     | 53     | 0.3       | 3       | 1.81  | 95.7      | 20.148  | 32.0579 |
| 2009 | 6     | 4   | 5    | 42     | 53     | 0.3       | 3       | 1.82  | 94.5      | 20.148  | 32.2348 |
| 2009 | 6     | 4   | 5    | 52     | 53     | 0.3       | 3       | 1.77  | 93.8      | 20.148  | 31.4092 |
| 2009 | 6     | 4   | 6    | 2      | 53     | 0.3       | 3       | 1.81  | 95.9      | 20.148  | 32.0579 |
| 2009 | 6     | 4   | 6    | 12     | 53     | 0.3       | 3       | 1.75  | 94.8      | 20.1221 | 30.9557 |
| 2009 | 6     | 4   | 6    | 22     | 53     | 0.3       | 3       | 1.83  | 94.8      | 20.1221 | 32.3691 |
| 2009 | 6     | 4   | 6    | 32     | 53     | 0.3       | 3       | 1.81  | 95.8      | 20.1221 | 32.0157 |
| 2009 | 6     | 4   | 6    | 42     | 53     | 0.3       | 3       | 1.85  | 94.6      | 20.0961 | 32.6794 |
| 2009 | 6     | 4   | 6    | 52     | 53     | 0.3       | 3       | 1.81  | 95.4      | 20.0961 | 31.9146 |
| 2009 | 6     | 4   | 7    | 2      | 53     | 0.3       | 3       | 1.8   | 94.7      | 20.0961 | 31.7382 |
| 2009 | 6     | 4   | 7    | 12     | 53     | 0.3       | 2.6     | 1.81  | 94.2      | 20.0702 | 31.8725 |
| 2009 | 6     | 4   | 7    | 22     | 53     | 0.3       | 2.6     | 1.74  | 94.6      | 20.0702 | 30.7566 |
| 2009 | 6     | 4   | 7    | 32     | 53     | 0.3       | 2.6     | 1.82  | 95.4      | 20.0443 | 31.9478 |
| 2009 | 6     | 4   | 7    | 42     | 53     | 0.3       | 2.6     | 1.81  | 95        | 20.0443 | 31.8891 |
| 2009 | 6     | 4   | 7    | 52     | 53     | 0.3       | 2.6     | 1.84  | 96.3      | 20.0184 | 32.1985 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 4   | 8    | 2      | 53     | 0.3       | 2.6     | 1.81  | 95.1      | 20.0184 | 31.8469 |
| 2009 | 6     | 4   | 8    | 12     | 53     | 0.3       | 2.6     | 1.77  | 96.7      | 19.9925 | 31.0442 |
| 2009 | 6     | 4   | 8    | 22     | 53     | 0.3       | 2.6     | 1.81  | 94.6      | 19.9666 | 31.821  |
| 2009 | 6     | 4   | 8    | 32     | 53     | 0.3       | 2.6     | 1.76  | 96.4      | 19.9666 | 30.711  |
| 2009 | 6     | 4   | 8    | 42     | 53     | 0.3       | 2.6     | 1.82  | 93.8      | 19.9407 | 31.8955 |
| 2009 | 6     | 4   | 8    | 52     | 53     | 0.3       | 2.6     | 1.79  | 94.5      | 19.9148 | 31.3869 |
| 2009 | 6     | 4   | 9    | 2      | 53     | 0.3       | 2.6     | 1.82  | 93.6      | 19.9148 | 31.8531 |
| 2009 | 6     | 4   | 9    | 12     | 53     | 0.3       | 2.6     | 1.82  | 94.4      | 19.8889 | 31.869  |
| 2009 | 6     | 4   | 9    | 22     | 53     | 0.3       | 2.6     | 1.79  | 94.7      | 19.8889 | 31.2288 |
| 2009 | 6     | 4   | 9    | 32     | 53     | 0.3       | 2.6     | 1.79  | 96.7      | 19.8889 | 31.1124 |
| 2009 | 6     | 4   | 9    | 42     | 53     | 0.3       | 2.6     | 1.77  | 95.1      | 19.8889 | 30.9378 |
| 2009 | 6     | 4   | 9    | 52     | 53     | 0.3       | 2.6     | 1.78  | 94.2      | 19.863  | 31.1291 |
| 2009 | 6     | 4   | 10   | 2      | 53     | 0.3       | 2.6     | 1.79  | 95.3      | 19.863  | 31.1872 |
| 2009 | 6     | 4   | 10   | 12     | 53     | 0.3       | 2.6     | 1.81  | 95.2      | 19.863  | 31.4778 |
| 2009 | 6     | 4   | 10   | 22     | 53     | 0.3       | 2.6     | 1.77  | 96.4      | 19.863  | 30.7804 |
| 2009 | 6     | 4   | 10   | 32     | 53     | 0.3       | 2.6     | 1.78  | 94.7      | 19.863  | 31.0129 |
| 2009 | 6     | 4   | 10   | 42     | 53     | 0.3       | 2.6     | 1.8   | 95.1      | 19.8371 | 31.2617 |
| 2009 | 6     | 4   | 10   | 52     | 53     | 0.3       | 2.6     | 1.81  | 94.5      | 19.8371 | 31.5519 |
| 2009 | 6     | 4   | 11   | 2      | 53     | 0.3       | 2.6     | 1.81  | 95.9      | 19.8371 | 31.4358 |
| 2009 | 6     | 4   | 11   | 12     | 53     | 0.3       | 2.6     | 1.78  | 93.8      | 19.8371 | 31.0295 |
| 2009 | 6     | 4   | 11   | 22     | 53     | 0.3       | 2.6     | 1.8   | 95.2      | 19.8371 | 31.3197 |
| 2009 | 6     | 4   | 11   | 32     | 53     | 0.3       | 2.6     | 1.82  | 95.4      | 19.8371 | 31.668  |
| 2009 | 6     | 4   | 11   | 42     | 53     | 0.3       | 2.6     | 1.82  | 95.4      | 19.8371 | 31.7261 |
| 2009 | 6     | 4   | 11   | 52     | 53     | 0.3       | 2.6     | 1.81  | 93.5      | 19.8113 | 31.5678 |
| 2009 | 6     | 4   | 12   | 2      | 53     | 0.3       | 2.6     | 1.79  | 95.4      | 19.8113 | 31.1041 |
| 2009 | 6     | 4   | 12   | 12     | 53     | 0.3       | 2.6     | 1.8   | 97.9      | 19.8113 | 31.0461 |
| 2009 | 6     | 4   | 12   | 22     | 53     | 0.3       | 2.6     | 1.81  | 96        | 19.8113 | 31.5098 |
| 2009 | 6     | 4   | 12   | 32     | 53     | 0.3       | 2.6     | 1.75  | 96.5      | 19.7854 | 30.3101 |
| 2009 | 6     | 4   | 12   | 42     | 53     | 0.3       | 2.6     | 1.79  | 97.2      | 19.7854 | 30.9467 |
| 2009 | 6     | 4   | 12   | 52     | 53     | 0.3       | 2.6     | 1.77  | 94.3      | 19.7595 | 30.7897 |
| 2009 | 6     | 4   | 13   | 2      | 53     | 0.3       | 2.6     | 1.76  | 93.7      | 19.7595 | 30.5007 |
| 2009 | 6     | 4   | 13   | 12     | 53     | 0.3       | 2.6     | 1.79  | 94.2      | 19.7336 | 30.9794 |
| 2009 | 6     | 4   | 13   | 22     | 53     | 0.3       | 2.6     | 1.76  | 93.8      | 19.7336 | 30.5753 |
| 2009 | 6     | 4   | 13   | 32     | 53     | 0.3       | 2.6     | 1.77  | 95        | 19.7336 | 30.633  |
| 2009 | 6     | 4   | 13   | 42     | 53     | 0.3       | 2.6     | 1.75  | 93.7      | 19.7078 | 30.3038 |
| 2009 | 6     | 4   | 13   | 52     | 53     | 0.3       | 2.6     | 1.78  | 94.2      | 19.7078 | 30.7649 |
| 2009 | 6     | 4   | 14   | 2      | 53     | 0.3       | 2.6     | 1.78  | 92.9      | 19.6819 | 30.8387 |
| 2009 | 6     | 4   | 14   | 12     | 53     | 0.3       | 2.6     | 1.79  | 96.1      | 19.6561 | 30.7398 |
| 2009 | 6     | 4   | 14   | 22     | 53     | 0.3       | 2.6     | 1.75  | 92        | 19.6561 | 30.2799 |
| 2009 | 6     | 4   | 14   | 32     | 53     | 0.3       | 2.6     | 1.76  | 93.7      | 19.6302 | 30.354  |
| 2009 | 6     | 4   | 14   | 42     | 53     | 0.3       | 2.6     | 1.8   | 91.8      | 19.6302 | 31.1578 |
| 2009 | 6     | 4   | 14   | 52     | 53     | 0.3       | 2.6     | 1.81  | 92.7      | 19.6302 | 31.2727 |
| 2009 | 6     | 4   | 15   | 2      | 53     | 0.3       | 2.6     | 1.75  | 94.2      | 19.6302 | 30.1243 |
| 2009 | 6     | 4   | 15   | 12     | 53     | 0.3       | 2.6     | 1.73  | 93.8      | 19.6302 | 29.8373 |
| 2009 | 6     | 4   | 15   | 22     | 53     | 0.3       | 2.6     | 1.76  | 91.6      | 19.6044 | 30.3131 |
| 2009 | 6     | 4   | 15   | 32     | 53     | 0.3       | 2.6     | 1.75  | 92.4      | 19.6302 | 30.2966 |
| 2009 | 6     | 4   | 15   | 42     | 53     | 0.3       | 2.6     | 1.74  | 92.9      | 19.6044 | 29.9691 |
| 2009 | 6     | 4   | 15   | 52     | 53     | 0.3       | 2.6     | 1.76  | 94.2      | 19.6044 | 30.2557 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 4   | 16   | 2      | 53     | 0.3       | 2.6     | 1.74  | 93.5      | 19.5785 | 29.9859 |
| 2009 | 6     | 4   | 16   | 12     | 53     | 0.3       | 2.6     | 1.74  | 92.2      | 19.5785 | 30.0432 |
| 2009 | 6     | 4   | 16   | 22     | 53     | 0.3       | 2.6     | 1.7   | 92.1      | 19.5785 | 29.299  |
| 2009 | 6     | 4   | 16   | 32     | 53     | 0.3       | 2.6     | 1.75  | 94.8      | 19.5785 | 30.1577 |
| 2009 | 6     | 4   | 16   | 42     | 53     | 0.3       | 2.6     | 1.75  | 93.6      | 19.5785 | 30.0432 |
| 2009 | 6     | 4   | 16   | 52     | 53     | 0.3       | 2.6     | 1.76  | 91.3      | 19.5527 | 30.3457 |
| 2009 | 6     | 4   | 17   | 2      | 53     | 0.3       | 2.6     | 1.76  | 92.4      | 19.5527 | 30.2313 |
| 2009 | 6     | 4   | 17   | 12     | 53     | 0.3       | 2.6     | 1.79  | 94.9      | 19.5268 | 30.7615 |
| 2009 | 6     | 4   | 17   | 22     | 53     | 0.3       | 2.6     | 1.74  | 92.8      | 19.5527 | 30.0026 |
| 2009 | 6     | 4   | 17   | 32     | 53     | 0.3       | 2.6     | 1.74  | 93.2      | 19.5268 | 29.9621 |
| 2009 | 6     | 4   | 17   | 42     | 53     | 0.3       | 2.6     | 1.75  | 94.2      | 19.501  | 29.9785 |
| 2009 | 6     | 4   | 17   | 52     | 53     | 0.3       | 2.6     | 1.75  | 91.8      | 19.501  | 29.9785 |
| 2009 | 6     | 4   | 18   | 2      | 53     | 0.3       | 2.6     | 1.77  | 93.5      | 19.501  | 30.3207 |
| 2009 | 6     | 4   | 18   | 12     | 53     | 0.3       | 2.6     | 1.77  | 92.7      | 19.4752 | 30.3365 |
| 2009 | 6     | 4   | 18   | 22     | 53     | 0.3       | 2.6     | 1.75  | 91.4      | 19.4752 | 29.9949 |
| 2009 | 6     | 4   | 18   | 32     | 53     | 0.3       | 2.6     | 1.74  | 95.1      | 19.4493 | 29.7267 |
| 2009 | 6     | 4   | 18   | 42     | 53     | 0.3       | 2.6     | 1.76  | 93.3      | 19.4235 | 30.0271 |
| 2009 | 6     | 4   | 18   | 52     | 53     | 0.3       | 2.6     | 1.82  | 95.2      | 19.4235 | 31.0495 |
| 2009 | 6     | 4   | 19   | 2      | 53     | 0.3       | 2.6     | 1.75  | 93.9      | 19.4235 | 29.8567 |
| 2009 | 6     | 4   | 19   | 12     | 53     | 0.3       | 2.6     | 1.78  | 93.4      | 19.3977 | 30.3266 |
| 2009 | 6     | 4   | 19   | 22     | 53     | 0.3       | 2.6     | 1.75  | 94        | 19.3977 | 29.8161 |
| 2009 | 6     | 4   | 19   | 32     | 53     | 0.3       | 2.6     | 1.77  | 92.1      | 19.3719 | 30.1153 |
| 2009 | 6     | 4   | 19   | 42     | 53     | 0.3       | 2.6     | 1.78  | 91.9      | 19.3719 | 30.3419 |
| 2009 | 6     | 4   | 19   | 52     | 53     | 0.3       | 2.6     | 1.75  | 93.1      | 19.3461 | 29.7349 |
| 2009 | 6     | 4   | 20   | 2      | 53     | 0.3       | 2.6     | 1.72  | 94.2      | 19.3461 | 29.1694 |
| 2009 | 6     | 4   | 20   | 12     | 53     | 0.3       | 2.6     | 1.78  | 94.4      | 19.3719 | 30.3419 |
| 2009 | 6     | 4   | 20   | 22     | 53     | 0.3       | 2.6     | 1.77  | 93.5      | 19.3461 | 30.0177 |
| 2009 | 6     | 4   | 20   | 32     | 53     | 0.3       | 2.6     | 1.76  | 95.3      | 19.3461 | 29.9046 |
| 2009 | 6     | 4   | 20   | 42     | 53     | 0.3       | 2.6     | 1.75  | 92.7      | 19.3461 | 29.7349 |
| 2009 | 6     | 4   | 20   | 52     | 53     | 0.3       | 2.6     | 1.75  | 94        | 19.3461 | 29.7349 |
| 2009 | 6     | 4   | 21   | 2      | 53     | 0.3       | 2.6     | 1.75  | 93.4      | 19.3461 | 29.6784 |
| 2009 | 6     | 4   | 21   | 12     | 53     | 0.3       | 2.6     | 1.76  | 94.8      | 19.3203 | 29.9203 |
| 2009 | 6     | 4   | 21   | 22     | 53     | 0.3       | 2.6     | 1.75  | 93.1      | 19.3203 | 29.7508 |
| 2009 | 6     | 4   | 21   | 32     | 53     | 0.3       | 2.6     | 1.77  | 92.8      | 19.3203 | 30.1462 |
| 2009 | 6     | 4   | 21   | 42     | 53     | 0.3       | 2.6     | 1.78  | 91.8      | 19.3203 | 30.2027 |
| 2009 | 6     | 4   | 21   | 52     | 53     | 0.3       | 2.6     | 1.76  | 93.7      | 19.3203 | 29.8073 |
| 2009 | 6     | 4   | 22   | 2      | 53     | 0.3       | 2.6     | 1.77  | 96        | 19.3203 | 30.0333 |
| 2009 | 6     | 4   | 22   | 12     | 53     | 0.3       | 2.6     | 1.77  | 95.1      | 19.2945 | 29.8794 |
| 2009 | 6     | 4   | 22   | 22     | 53     | 0.3       | 2.6     | 1.75  | 93.8      | 19.2945 | 29.7102 |
| 2009 | 6     | 4   | 22   | 32     | 53     | 0.3       | 2.6     | 1.74  | 94.2      | 19.2945 | 29.541  |
| 2009 | 6     | 4   | 22   | 42     | 53     | 0.3       | 2.6     | 1.77  | 94.9      | 19.2945 | 30.0487 |
| 2009 | 6     | 4   | 22   | 52     | 53     | 0.3       | 2.6     | 1.78  | 94.1      | 19.2945 | 30.1051 |
| 2009 | 6     | 4   | 23   | 2      | 53     | 0.3       | 2.6     | 1.77  | 94.3      | 19.2945 | 30.0487 |
| 2009 | 6     | 4   | 23   | 12     | 53     | 0.3       | 2.6     | 1.75  | 95.3      | 19.2945 | 29.5974 |
| 2009 | 6     | 4   | 23   | 22     | 53     | 0.3       | 2.6     | 1.76  | 95.6      | 19.2945 | 29.823  |
| 2009 | 6     | 4   | 23   | 32     | 53     | 0.3       | 2.6     | 1.77  | 94        | 19.2687 | 29.9512 |
| 2009 | 6     | 4   | 23   | 42     | 53     | 0.3       | 2.6     | 1.8   | 95.5      | 19.2687 | 30.3456 |
| 2009 | 6     | 4   | 23   | 52     | 53     | 0.3       | 2.6     | 1.79  | 94.3      | 19.2687 | 30.2893 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 5   | 0    | 2      | 53     | 0.3       | 2.6     | 1.77  | 95.3      | 19.2429 | 29.7977 |
| 2009 | 6     | 5   | 0    | 12     | 53     | 0.3       | 2.6     | 1.76  | 93.2      | 19.2429 | 29.854  |
| 2009 | 6     | 5   | 0    | 22     | 53     | 0.3       | 2.6     | 1.78  | 95.1      | 19.2429 | 30.079  |
| 2009 | 6     | 5   | 0    | 32     | 53     | 0.3       | 2.6     | 1.8   | 94.2      | 19.2171 | 30.3187 |
| 2009 | 6     | 5   | 0    | 42     | 53     | 0.3       | 2.6     | 1.78  | 95.5      | 19.2171 | 29.9254 |
| 2009 | 6     | 5   | 0    | 52     | 53     | 0.3       | 2.6     | 1.78  | 94.5      | 19.2171 | 30.0378 |
| 2009 | 6     | 5   | 1    | 2      | 53     | 0.3       | 2.6     | 1.77  | 93.9      | 19.1913 | 29.8843 |
| 2009 | 6     | 5   | 1    | 12     | 53     | 0.3       | 2.6     | 1.78  | 95.1      | 19.1913 | 29.9404 |
| 2009 | 6     | 5   | 1    | 22     | 53     | 0.3       | 2.6     | 1.77  | 93.1      | 19.1655 | 29.8433 |
| 2009 | 6     | 5   | 1    | 32     | 53     | 0.3       | 2.6     | 1.76  | 92.3      | 19.1655 | 29.7312 |
| 2009 | 6     | 5   | 1    | 42     | 53     | 0.3       | 2.6     | 1.74  | 94.8      | 19.1655 | 29.2831 |
| 2009 | 6     | 5   | 1    | 52     | 53     | 0.3       | 2.6     | 1.79  | 95.1      | 19.1397 | 29.9701 |
| 2009 | 6     | 5   | 2    | 2      | 53     | 0.3       | 2.6     | 1.74  | 93.6      | 19.1397 | 29.1868 |
| 2009 | 6     | 5   | 2    | 12     | 53     | 0.3       | 2.6     | 1.79  | 92.2      | 19.114  | 30.0964 |
| 2009 | 6     | 5   | 2    | 22     | 53     | 0.3       | 2.6     | 1.78  | 93.9      | 19.114  | 29.8729 |
| 2009 | 6     | 5   | 2    | 32     | 53     | 0.3       | 2.6     | 1.75  | 94.9      | 19.0882 | 29.3296 |
| 2009 | 6     | 5   | 2    | 42     | 53     | 0.3       | 2.6     | 1.77  | 94.9      | 19.0882 | 29.6643 |
| 2009 | 6     | 5   | 2    | 52     | 53     | 0.3       | 2.6     | 1.76  | 97.2      | 19.0882 | 29.3854 |
| 2009 | 6     | 5   | 3    | 2      | 53     | 0.3       | 2.6     | 1.74  | 93.8      | 19.0882 | 29.1622 |
| 2009 | 6     | 5   | 3    | 12     | 53     | 0.3       | 2.6     | 1.78  | 95.6      | 19.0624 | 29.7348 |
| 2009 | 6     | 5   | 3    | 22     | 53     | 0.3       | 2.6     | 1.78  | 94.1      | 19.0624 | 29.7348 |
| 2009 | 6     | 5   | 3    | 32     | 53     | 0.3       | 2.6     | 1.75  | 96.1      | 19.0624 | 29.2334 |
| 2009 | 6     | 5   | 3    | 42     | 53     | 0.3       | 2.6     | 1.73  | 94.1      | 19.0624 | 28.8992 |
| 2009 | 6     | 5   | 3    | 52     | 53     | 0.3       | 2.6     | 1.81  | 95.5      | 19.0624 | 30.2364 |
| 2009 | 6     | 5   | 4    | 2      | 53     | 0.3       | 2.6     | 1.78  | 95.1      | 19.0367 | 29.7494 |
| 2009 | 6     | 5   | 4    | 12     | 53     | 0.3       | 2.6     | 1.74  | 93.5      | 19.0367 | 29.1374 |
| 2009 | 6     | 5   | 4    | 22     | 53     | 0.3       | 2.6     | 1.73  | 93.6      | 19.0367 | 28.9705 |
| 2009 | 6     | 5   | 4    | 32     | 53     | 0.3       | 2.6     | 1.77  | 94.8      | 19.0367 | 29.6381 |
| 2009 | 6     | 5   | 4    | 42     | 53     | 0.3       | 2.6     | 1.8   | 95.3      | 19.0367 | 29.972  |
| 2009 | 6     | 5   | 4    | 52     | 53     | 0.3       | 2.6     | 1.75  | 95.5      | 19.0109 | 29.1526 |
| 2009 | 6     | 5   | 5    | 2      | 53     | 0.3       | 2.6     | 1.75  | 94.1      | 19.0109 | 29.2637 |
| 2009 | 6     | 5   | 5    | 12     | 53     | 0.3       | 2.6     | 1.77  | 93.2      | 19.0109 | 29.5415 |
| 2009 | 6     | 5   | 5    | 22     | 53     | 0.3       | 2.6     | 1.76  | 95.8      | 19.0109 | 29.3748 |
| 2009 | 6     | 5   | 5    | 32     | 53     | 0.3       | 2.6     | 1.74  | 95.1      | 19.0109 | 28.9304 |
| 2009 | 6     | 5   | 5    | 42     | 53     | 0.3       | 2.6     | 1.81  | 95.2      | 19.0109 | 30.1528 |
| 2009 | 6     | 5   | 5    | 52     | 53     | 0.3       | 2.6     | 1.73  | 95.8      | 19.0109 | 28.7637 |
| 2009 | 6     | 5   | 6    | 2      | 53     | 0.3       | 2.6     | 1.78  | 96.4      | 19.0109 | 29.5415 |
| 2009 | 6     | 5   | 6    | 12     | 53     | 0.3       | 2.6     | 1.74  | 92.9      | 18.9851 | 29.0567 |
| 2009 | 6     | 5   | 6    | 22     | 53     | 0.3       | 2.6     | 1.77  | 94.8      | 18.9851 | 29.4451 |
| 2009 | 6     | 5   | 6    | 32     | 53     | 0.3       | 2.6     | 1.77  | 95.9      | 18.9851 | 29.3896 |
| 2009 | 6     | 5   | 6    | 42     | 53     | 0.3       | 2.6     | 1.79  | 94        | 18.9851 | 29.778  |
| 2009 | 6     | 5   | 6    | 52     | 53     | 0.3       | 2.6     | 1.76  | 93        | 18.9851 | 29.4451 |
| 2009 | 6     | 5   | 7    | 2      | 53     | 0.3       | 2.6     | 1.79  | 94.6      | 18.9851 | 29.8335 |
| 2009 | 6     | 5   | 7    | 12     | 53     | 0.3       | 2.6     | 1.81  | 94.5      | 18.9851 | 30.1665 |
| 2009 | 6     | 5   | 7    | 22     | 53     | 0.3       | 2.6     | 1.8   | 94.7      | 18.9851 | 29.9445 |
| 2009 | 6     | 5   | 7    | 32     | 53     | 0.3       | 2.6     | 1.72  | 97.3      | 18.9594 | 28.4625 |
| 2009 | 6     | 5   | 7    | 42     | 53     | 0.3       | 2.6     | 1.77  | 94.6      | 18.9594 | 29.4597 |
| 2009 | 6     | 5   | 7    | 52     | 53     | 0.3       | 2.6     | 1.69  | 93.7      | 18.9594 | 28.1856 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 5   | 8    | 2      | 53     | 0.3       | 2.6     | 1.73  | 97.1      | 18.9594 | 28.684  |
| 2009 | 6     | 5   | 8    | 12     | 53     | 0.3       | 2.6     | 1.79  | 97.9      | 18.9594 | 29.5151 |
| 2009 | 6     | 5   | 8    | 22     | 53     | 0.3       | 2.6     | 1.75  | 95.2      | 18.9594 | 29.1272 |
| 2009 | 6     | 5   | 8    | 32     | 53     | 0.3       | 2.6     | 1.72  | 92.8      | 18.9594 | 28.6287 |
| 2009 | 6     | 5   | 8    | 42     | 53     | 0.3       | 2.6     | 1.76  | 93.4      | 18.9594 | 29.238  |
| 2009 | 6     | 5   | 8    | 52     | 53     | 0.3       | 2.6     | 1.75  | 94.5      | 18.9594 | 29.1272 |
| 2009 | 6     | 5   | 9    | 2      | 53     | 0.3       | 2.6     | 1.79  | 93.4      | 18.9594 | 29.7922 |
| 2009 | 6     | 5   | 9    | 12     | 53     | 0.3       | 2.6     | 1.78  | 94.9      | 18.9336 | 29.5848 |
| 2009 | 6     | 5   | 9    | 22     | 53     | 0.3       | 2.6     | 1.77  | 94.7      | 18.9336 | 29.4741 |
| 2009 | 6     | 5   | 9    | 32     | 53     | 0.3       | 2.6     | 1.78  | 94.3      | 18.9336 | 29.5294 |
| 2009 | 6     | 5   | 9    | 42     | 53     | 0.3       | 2.6     | 1.76  | 94.4      | 18.9336 | 29.1974 |
| 2009 | 6     | 5   | 9    | 52     | 53     | 0.3       | 2.6     | 1.78  | 94.9      | 18.9336 | 29.5848 |
| 2009 | 6     | 5   | 10   | 2      | 53     | 0.3       | 2.6     | 1.77  | 94.4      | 18.9336 | 29.4188 |
| 2009 | 6     | 5   | 10   | 12     | 53     | 0.3       | 2.6     | 1.77  | 95        | 18.9336 | 29.4188 |
| 2009 | 6     | 5   | 10   | 22     | 53     | 0.3       | 2.6     | 1.77  | 93.9      | 18.9336 | 29.4741 |
| 2009 | 6     | 5   | 10   | 32     | 53     | 0.3       | 2.6     | 1.78  | 93.8      | 18.9336 | 29.6401 |
| 2009 | 6     | 5   | 10   | 42     | 53     | 0.3       | 2.6     | 1.73  | 94.4      | 18.9336 | 28.8102 |
| 2009 | 6     | 5   | 10   | 52     | 53     | 0.3       | 2.6     | 1.8   | 94.2      | 18.9336 | 29.9168 |
| 2009 | 6     | 5   | 11   | 2      | 53     | 0.3       | 2.6     | 1.79  | 96.2      | 18.9336 | 29.5848 |
| 2009 | 6     | 5   | 11   | 12     | 53     | 0.3       | 2.6     | 1.76  | 95.9      | 18.9079 | 29.1016 |
| 2009 | 6     | 5   | 11   | 22     | 53     | 0.3       | 2.6     | 1.74  | 96.2      | 18.9336 | 28.8655 |
| 2009 | 6     | 5   | 11   | 32     | 53     | 0.3       | 2.6     | 1.77  | 94.7      | 18.9079 | 29.3779 |
| 2009 | 6     | 5   | 11   | 42     | 53     | 0.3       | 2.6     | 1.78  | 93.7      | 18.9079 | 29.5437 |
| 2009 | 6     | 5   | 11   | 52     | 53     | 0.3       | 2.6     | 1.78  | 96.4      | 18.9079 | 29.4884 |
| 2009 | 6     | 5   | 12   | 2      | 53     | 0.3       | 2.6     | 1.76  | 94.3      | 18.9079 | 29.2674 |
| 2009 | 6     | 5   | 12   | 12     | 53     | 0.3       | 2.6     | 1.77  | 96.1      | 18.9079 | 29.2121 |
| 2009 | 6     | 5   | 12   | 22     | 53     | 0.3       | 2.6     | 1.79  | 91.9      | 18.9079 | 29.7647 |
| 2009 | 6     | 5   | 12   | 32     | 53     | 0.3       | 2.6     | 1.76  | 93.4      | 18.9079 | 29.1569 |
| 2009 | 6     | 5   | 12   | 42     | 53     | 0.3       | 2.6     | 1.76  | 94.5      | 18.9079 | 29.1569 |
| 2009 | 6     | 5   | 12   | 52     | 53     | 0.3       | 2.6     | 1.8   | 96.8      | 18.9079 | 29.7094 |
| 2009 | 6     | 5   | 13   | 2      | 53     | 0.3       | 2.6     | 1.79  | 94        | 18.9079 | 29.6542 |
| 2009 | 6     | 5   | 13   | 12     | 53     | 0.3       | 2.6     | 1.76  | 97.2      | 18.9079 | 29.0464 |
| 2009 | 6     | 5   | 13   | 22     | 53     | 0.3       | 2.6     | 1.76  | 95.2      | 18.8822 | 29.1714 |
| 2009 | 6     | 5   | 13   | 32     | 53     | 0.3       | 2.6     | 1.79  | 95.9      | 18.8822 | 29.6681 |
| 2009 | 6     | 5   | 13   | 42     | 53     | 0.3       | 2.6     | 1.73  | 94.6      | 18.8822 | 28.6749 |
| 2009 | 6     | 5   | 13   | 52     | 53     | 0.3       | 2.6     | 1.78  | 94.9      | 18.8564 | 29.4614 |
| 2009 | 6     | 5   | 14   | 2      | 53     | 0.3       | 2.6     | 1.76  | 94.9      | 18.8564 | 29.0757 |
| 2009 | 6     | 5   | 14   | 12     | 53     | 0.3       | 2.6     | 1.78  | 96        | 18.8564 | 29.3512 |
| 2009 | 6     | 5   | 14   | 22     | 53     | 0.3       | 2.6     | 1.77  | 95.6      | 18.8564 | 29.1859 |
| 2009 | 6     | 5   | 14   | 32     | 53     | 0.3       | 2.6     | 1.75  | 96.8      | 18.8564 | 28.9104 |
| 2009 | 6     | 5   | 14   | 42     | 53     | 0.3       | 2.6     | 1.78  | 92.7      | 18.8307 | 29.4754 |
| 2009 | 6     | 5   | 14   | 52     | 53     | 0.3       | 2.6     | 1.8   | 94.4      | 18.8307 | 29.7505 |
| 2009 | 6     | 5   | 15   | 2      | 53     | 0.3       | 2.6     | 1.79  | 93.6      | 18.805  | 29.5991 |
| 2009 | 6     | 5   | 15   | 12     | 53     | 0.3       | 2.6     | 1.75  | 94        | 18.8307 | 28.9801 |
| 2009 | 6     | 5   | 15   | 22     | 53     | 0.3       | 2.6     | 1.77  | 93.2      | 18.805  | 29.2144 |
| 2009 | 6     | 5   | 15   | 32     | 53     | 0.3       | 2.6     | 1.79  | 93.6      | 18.7793 | 29.5577 |
| 2009 | 6     | 5   | 15   | 42     | 53     | 0.3       | 2.6     | 1.72  | 94.6      | 18.7793 | 28.4054 |
| 2009 | 6     | 5   | 15   | 52     | 53     | 0.3       | 2.6     | 1.76  | 94.5      | 18.7793 | 28.954  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 5   | 16   | 2      | 53     | 0.3       | 2.6     | 1.75  | 93.2      | 18.7793 | 28.8443 |
| 2009 | 6     | 5   | 16   | 12     | 53     | 0.3       | 2.6     | 1.73  | 95.7      | 18.7536 | 28.3666 |
| 2009 | 6     | 5   | 16   | 22     | 53     | 0.3       | 2.6     | 1.74  | 92.6      | 18.7536 | 28.7501 |
| 2009 | 6     | 5   | 16   | 32     | 53     | 0.3       | 2.6     | 1.8   | 95.6      | 18.7536 | 29.5721 |
| 2009 | 6     | 5   | 16   | 42     | 53     | 0.3       | 2.6     | 1.76  | 93.6      | 18.7536 | 28.9692 |
| 2009 | 6     | 5   | 16   | 52     | 53     | 0.3       | 2.6     | 1.78  | 94.6      | 18.7536 | 29.3528 |
| 2009 | 6     | 5   | 17   | 2      | 53     | 0.3       | 2.6     | 1.72  | 94.4      | 18.7536 | 28.3666 |
| 2009 | 6     | 5   | 17   | 12     | 53     | 0.3       | 2.6     | 1.76  | 94.7      | 18.7536 | 28.9145 |
| 2009 | 6     | 5   | 17   | 22     | 53     | 0.3       | 2.6     | 1.74  | 94.5      | 18.7793 | 28.7346 |
| 2009 | 6     | 5   | 17   | 32     | 53     | 0.3       | 2.6     | 1.78  | 94.2      | 18.7536 | 29.298  |
| 2009 | 6     | 5   | 17   | 42     | 53     | 0.3       | 2.6     | 1.7   | 94.3      | 18.7536 | 28.0379 |
| 2009 | 6     | 5   | 17   | 52     | 53     | 0.3       | 2.6     | 1.76  | 93.1      | 18.7536 | 29.0788 |
| 2009 | 6     | 5   | 18   | 2      | 53     | 0.3       | 2.6     | 1.77  | 95.5      | 18.7536 | 29.024  |
| 2009 | 6     | 5   | 18   | 12     | 53     | 0.3       | 2.6     | 1.77  | 95        | 18.7536 | 29.0788 |
| 2009 | 6     | 5   | 18   | 22     | 53     | 0.3       | 2.6     | 1.76  | 95.1      | 18.7536 | 28.9145 |
| 2009 | 6     | 5   | 18   | 32     | 53     | 0.3       | 2.6     | 1.79  | 95.1      | 18.7278 | 29.3675 |
| 2009 | 6     | 5   | 18   | 42     | 53     | 0.3       | 2.6     | 1.78  | 94.4      | 18.7536 | 29.2432 |
| 2009 | 6     | 5   | 18   | 52     | 53     | 0.3       | 2.6     | 1.77  | 94.3      | 18.7278 | 29.0939 |
| 2009 | 6     | 5   | 19   | 2      | 53     | 0.3       | 2.6     | 1.77  | 95.3      | 18.7278 | 28.9845 |
| 2009 | 6     | 5   | 19   | 12     | 53     | 0.3       | 2.6     | 1.78  | 94.7      | 18.7278 | 29.2034 |
| 2009 | 6     | 5   | 19   | 22     | 53     | 0.3       | 2.6     | 1.78  | 93.7      | 18.7278 | 29.3128 |
| 2009 | 6     | 5   | 19   | 32     | 53     | 0.3       | 2.6     | 1.75  | 95.3      | 18.7278 | 28.7109 |
| 2009 | 6     | 5   | 19   | 42     | 53     | 0.3       | 2.6     | 1.77  | 93.8      | 18.7278 | 29.1486 |
| 2009 | 6     | 5   | 19   | 52     | 53     | 0.3       | 2.6     | 1.76  | 93.8      | 18.7278 | 28.9845 |
| 2009 | 6     | 5   | 20   | 2      | 53     | 0.3       | 2.6     | 1.76  | 95.3      | 18.7278 | 28.875  |
| 2009 | 6     | 5   | 20   | 12     | 53     | 0.3       | 2.6     | 1.76  | 94.3      | 18.7278 | 28.9298 |
| 2009 | 6     | 5   | 20   | 22     | 53     | 0.3       | 2.6     | 1.71  | 93.8      | 18.7278 | 28.1638 |
| 2009 | 6     | 5   | 20   | 32     | 53     | 0.3       | 2.6     | 1.79  | 95.1      | 18.7278 | 29.3675 |
| 2009 | 6     | 5   | 20   | 42     | 53     | 0.3       | 2.6     | 1.75  | 94.2      | 18.7278 | 28.8203 |
| 2009 | 6     | 5   | 20   | 52     | 53     | 0.3       | 2.6     | 1.75  | 93.7      | 18.7278 | 28.7109 |
| 2009 | 6     | 5   | 21   | 2      | 53     | 0.3       | 2.6     | 1.73  | 94.2      | 18.7278 | 28.3826 |
| 2009 | 6     | 5   | 21   | 12     | 53     | 0.3       | 2.6     | 1.74  | 95.4      | 18.7278 | 28.492  |
| 2009 | 6     | 5   | 21   | 22     | 53     | 0.3       | 2.6     | 1.79  | 97.1      | 18.7278 | 29.2034 |
| 2009 | 6     | 5   | 21   | 32     | 53     | 0.3       | 2.6     | 1.76  | 95        | 18.7021 | 28.8903 |
| 2009 | 6     | 5   | 21   | 42     | 53     | 0.3       | 2.6     | 1.75  | 93.9      | 18.7278 | 28.7656 |
| 2009 | 6     | 5   | 21   | 52     | 53     | 0.3       | 2.6     | 1.79  | 94.1      | 18.7278 | 29.477  |
| 2009 | 6     | 5   | 22   | 2      | 53     | 0.3       | 2.6     | 1.76  | 95.6      | 18.7021 | 28.781  |
| 2009 | 6     | 5   | 22   | 12     | 53     | 0.3       | 2.6     | 1.74  | 94.1      | 18.7021 | 28.6171 |
| 2009 | 6     | 5   | 22   | 22     | 53     | 0.3       | 2.6     | 1.8   | 95.3      | 18.7278 | 29.5317 |
| 2009 | 6     | 5   | 22   | 32     | 53     | 0.3       | 2.6     | 1.76  | 93.6      | 18.7021 | 28.8356 |
| 2009 | 6     | 5   | 22   | 42     | 53     | 0.3       | 2.6     | 1.79  | 95.6      | 18.7021 | 29.3275 |
| 2009 | 6     | 5   | 22   | 52     | 53     | 0.3       | 2.6     | 1.8   | 95.4      | 18.7021 | 29.5461 |
| 2009 | 6     | 5   | 23   | 2      | 53     | 0.3       | 2.6     | 1.73  | 92.3      | 18.7021 | 28.4531 |
| 2009 | 6     | 5   | 23   | 12     | 53     | 0.3       | 2.6     | 1.77  | 93.4      | 18.7021 | 29.0542 |
| 2009 | 6     | 5   | 23   | 22     | 53     | 0.3       | 2.6     | 1.78  | 95        | 18.7021 | 29.1635 |
| 2009 | 6     | 5   | 23   | 32     | 53     | 0.3       | 2.6     | 1.78  | 93.9      | 18.7021 | 29.1635 |
| 2009 | 6     | 5   | 23   | 42     | 53     | 0.3       | 2.6     | 1.78  | 93.7      | 18.7021 | 29.1635 |
| 2009 | 6     | 5   | 23   | 52     | 53     | 0.3       | 2.6     | 1.78  | 95.3      | 18.7021 | 29.1635 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 6   | 0    | 2      | 53     | 0.3       | 2.6     | 1.77  | 95.5      | 18.7021 | 28.9996 |
| 2009 | 6     | 6   | 0    | 12     | 53     | 0.3       | 2.6     | 1.76  | 94.1      | 18.7021 | 28.9449 |
| 2009 | 6     | 6   | 0    | 22     | 53     | 0.3       | 2.6     | 1.75  | 94.2      | 18.7021 | 28.781  |
| 2009 | 6     | 6   | 0    | 32     | 53     | 0.3       | 2.6     | 1.81  | 94.8      | 18.7021 | 29.6554 |
| 2009 | 6     | 6   | 0    | 42     | 53     | 0.3       | 2.6     | 1.78  | 94.1      | 18.6764 | 29.2328 |
| 2009 | 6     | 6   | 0    | 52     | 53     | 0.3       | 2.6     | 1.77  | 95.3      | 18.6764 | 28.9054 |
| 2009 | 6     | 6   | 1    | 2      | 53     | 0.3       | 2.6     | 1.75  | 94.9      | 18.6764 | 28.6871 |
| 2009 | 6     | 6   | 1    | 12     | 53     | 0.3       | 2.6     | 1.77  | 93.4      | 18.6764 | 29.0145 |
| 2009 | 6     | 6   | 1    | 22     | 53     | 0.3       | 2.6     | 1.78  | 93.7      | 18.6764 | 29.2328 |
| 2009 | 6     | 6   | 1    | 32     | 53     | 0.3       | 2.6     | 1.78  | 93.6      | 18.6764 | 29.2874 |
| 2009 | 6     | 6   | 1    | 42     | 53     | 0.3       | 2.6     | 1.75  | 95.1      | 18.6764 | 28.5779 |
| 2009 | 6     | 6   | 1    | 52     | 53     | 0.3       | 2.6     | 1.78  | 94        | 18.6764 | 29.1236 |
| 2009 | 6     | 6   | 2    | 2      | 53     | 0.3       | 2.6     | 1.72  | 94.3      | 18.6507 | 28.1574 |
| 2009 | 6     | 6   | 2    | 12     | 53     | 0.3       | 2.6     | 1.76  | 94.9      | 18.6507 | 28.7023 |
| 2009 | 6     | 6   | 2    | 22     | 53     | 0.3       | 2.6     | 1.79  | 95.3      | 18.6507 | 29.1928 |
| 2009 | 6     | 6   | 2    | 32     | 53     | 0.3       | 2.6     | 1.77  | 93.1      | 18.6507 | 29.0838 |
| 2009 | 6     | 6   | 2    | 42     | 53     | 0.3       | 2.6     | 1.77  | 93.7      | 18.6507 | 28.9203 |
| 2009 | 6     | 6   | 2    | 52     | 53     | 0.3       | 2.6     | 1.79  | 94.3      | 18.6507 | 29.3018 |
| 2009 | 6     | 6   | 3    | 2      | 53     | 0.3       | 2.6     | 1.73  | 95.3      | 18.6507 | 28.3209 |
| 2009 | 6     | 6   | 3    | 12     | 53     | 0.3       | 2.6     | 1.76  | 94.9      | 18.6507 | 28.8658 |
| 2009 | 6     | 6   | 3    | 22     | 53     | 0.3       | 2.6     | 1.75  | 93.9      | 18.625  | 28.6086 |
| 2009 | 6     | 6   | 3    | 32     | 53     | 0.3       | 2.6     | 1.75  | 94.7      | 18.625  | 28.6086 |
| 2009 | 6     | 6   | 3    | 42     | 53     | 0.3       | 2.6     | 1.74  | 94.6      | 18.625  | 28.4453 |
| 2009 | 6     | 6   | 3    | 52     | 53     | 0.3       | 2.6     | 1.74  | 93        | 18.625  | 28.4453 |
| 2009 | 6     | 6   | 4    | 2      | 53     | 0.3       | 2.6     | 1.77  | 93.6      | 18.625  | 28.9351 |
| 2009 | 6     | 6   | 4    | 12     | 53     | 0.3       | 2.6     | 1.75  | 97        | 18.625  | 28.3909 |
| 2009 | 6     | 6   | 4    | 22     | 53     | 0.3       | 2.6     | 1.8   | 94.3      | 18.625  | 29.425  |
| 2009 | 6     | 6   | 4    | 32     | 53     | 0.3       | 2.6     | 1.78  | 96        | 18.625  | 28.9895 |
| 2009 | 6     | 6   | 4    | 42     | 53     | 0.3       | 2.6     | 1.79  | 92.9      | 18.625  | 29.3161 |
| 2009 | 6     | 6   | 4    | 52     | 53     | 0.3       | 2.6     | 1.8   | 95.9      | 18.5994 | 29.3303 |
| 2009 | 6     | 6   | 5    | 2      | 53     | 0.3       | 2.6     | 1.79  | 94.6      | 18.5994 | 29.1672 |
| 2009 | 6     | 6   | 5    | 12     | 53     | 0.3       | 2.6     | 1.76  | 94.3      | 18.5994 | 28.7867 |
| 2009 | 6     | 6   | 5    | 22     | 53     | 0.3       | 2.6     | 1.76  | 94.4      | 18.5994 | 28.678  |
| 2009 | 6     | 6   | 5    | 32     | 53     | 0.3       | 2.6     | 1.79  | 92.8      | 18.5994 | 29.3303 |
| 2009 | 6     | 6   | 5    | 42     | 53     | 0.3       | 2.6     | 1.8   | 94.5      | 18.5994 | 29.439  |
| 2009 | 6     | 6   | 5    | 52     | 53     | 0.3       | 2.6     | 1.78  | 93.7      | 18.5994 | 29.0041 |
| 2009 | 6     | 6   | 6    | 2      | 53     | 0.3       | 2.6     | 1.74  | 94.3      | 18.5737 | 28.4216 |
| 2009 | 6     | 6   | 6    | 12     | 53     | 0.3       | 2.6     | 1.8   | 94.6      | 18.5737 | 29.3443 |
| 2009 | 6     | 6   | 6    | 22     | 53     | 0.3       | 2.6     | 1.78  | 95.1      | 18.5994 | 29.0041 |
| 2009 | 6     | 6   | 6    | 32     | 53     | 0.3       | 2.6     | 1.72  | 94.9      | 18.5994 | 28.0803 |
| 2009 | 6     | 6   | 6    | 42     | 53     | 0.3       | 2.6     | 1.77  | 95.6      | 18.5737 | 28.7472 |
| 2009 | 6     | 6   | 6    | 52     | 53     | 0.3       | 2.6     | 1.79  | 94.4      | 18.5994 | 29.2215 |
| 2009 | 6     | 6   | 7    | 2      | 53     | 0.3       | 2.6     | 1.79  | 93.5      | 18.5737 | 29.1814 |
| 2009 | 6     | 6   | 7    | 12     | 53     | 0.3       | 2.6     | 1.77  | 94.8      | 18.5994 | 28.8954 |
| 2009 | 6     | 6   | 7    | 22     | 53     | 0.3       | 2.6     | 1.77  | 94.8      | 18.5737 | 28.8015 |
| 2009 | 6     | 6   | 7    | 32     | 53     | 0.3       | 2.6     | 1.75  | 94.3      | 18.5737 | 28.4758 |
| 2009 | 6     | 6   | 7    | 42     | 53     | 0.3       | 2.6     | 1.76  | 94.8      | 18.5737 | 28.6929 |
| 2009 | 6     | 6   | 7    | 52     | 53     | 0.3       | 2.6     | 1.77  | 93.3      | 18.5737 | 28.91   |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 6   | 8    | 2      | 53     | 0.3       | 2.6     | 1.78  | 95.5      | 18.5737 | 28.9643 |
| 2009 | 6     | 6   | 8    | 12     | 53     | 0.3       | 2.6     | 1.72  | 96.5      | 18.548  | 27.8948 |
| 2009 | 6     | 6   | 8    | 22     | 53     | 0.3       | 2.6     | 1.75  | 95.2      | 18.548  | 28.4367 |
| 2009 | 6     | 6   | 8    | 32     | 53     | 0.3       | 2.6     | 1.77  | 93        | 18.548  | 28.8703 |
| 2009 | 6     | 6   | 8    | 42     | 53     | 0.3       | 2.6     | 1.74  | 94.2      | 18.548  | 28.3283 |
| 2009 | 6     | 6   | 8    | 52     | 53     | 0.3       | 2.6     | 1.76  | 95.5      | 18.5223 | 28.5058 |
| 2009 | 6     | 6   | 9    | 2      | 53     | 0.3       | 2.6     | 1.79  | 94.8      | 18.5223 | 29.1012 |
| 2009 | 6     | 6   | 9    | 12     | 53     | 0.3       | 2.6     | 1.74  | 95.5      | 18.548  | 28.2199 |
| 2009 | 6     | 6   | 9    | 22     | 53     | 0.3       | 2.6     | 1.78  | 94        | 18.5223 | 28.9388 |
| 2009 | 6     | 6   | 9    | 32     | 53     | 0.3       | 2.6     | 1.73  | 92.6      | 18.5223 | 28.1811 |
| 2009 | 6     | 6   | 9    | 42     | 53     | 0.3       | 2.6     | 1.77  | 96.1      | 18.4967 | 28.6827 |
| 2009 | 6     | 6   | 9    | 52     | 53     | 0.3       | 2.6     | 1.75  | 93.8      | 18.4967 | 28.3584 |
| 2009 | 6     | 6   | 10   | 2      | 53     | 0.3       | 2.6     | 1.73  | 92.3      | 18.4967 | 28.1423 |
| 2009 | 6     | 6   | 10   | 12     | 53     | 0.3       | 2.6     | 1.78  | 95.4      | 18.4967 | 28.8989 |
| 2009 | 6     | 6   | 10   | 22     | 53     | 0.3       | 2.6     | 1.75  | 95.4      | 18.4967 | 28.3044 |
| 2009 | 6     | 6   | 10   | 32     | 53     | 0.3       | 2.6     | 1.78  | 95        | 18.471  | 28.7511 |
| 2009 | 6     | 6   | 10   | 42     | 53     | 0.3       | 2.6     | 1.77  | 94.4      | 18.4967 | 28.6827 |
| 2009 | 6     | 6   | 10   | 52     | 53     | 0.3       | 2.6     | 1.75  | 94.9      | 18.471  | 28.3732 |
| 2009 | 6     | 6   | 11   | 2      | 53     | 0.3       | 2.6     | 1.74  | 95.2      | 18.471  | 28.1574 |
| 2009 | 6     | 6   | 11   | 12     | 53     | 0.3       | 2.6     | 1.76  | 94.2      | 18.471  | 28.4812 |
| 2009 | 6     | 6   | 11   | 22     | 53     | 0.3       | 2.6     | 1.73  | 94.1      | 18.4453 | 27.9568 |
| 2009 | 6     | 6   | 11   | 32     | 53     | 0.3       | 2.6     | 1.79  | 91.7      | 18.4453 | 28.9809 |
| 2009 | 6     | 6   | 11   | 42     | 53     | 0.3       | 2.6     | 1.78  | 94.9      | 18.4453 | 28.873  |
| 2009 | 6     | 6   | 11   | 52     | 53     | 0.3       | 2.6     | 1.75  | 93.2      | 18.4453 | 28.4418 |
| 2009 | 6     | 6   | 12   | 2      | 53     | 0.3       | 2.6     | 1.73  | 96        | 18.4453 | 27.9029 |
| 2009 | 6     | 6   | 12   | 12     | 53     | 0.3       | 2.6     | 1.76  | 94.8      | 18.4197 | 28.4025 |
| 2009 | 6     | 6   | 12   | 22     | 53     | 0.3       | 2.6     | 1.77  | 93.3      | 18.4453 | 28.6574 |
| 2009 | 6     | 6   | 12   | 32     | 53     | 0.3       | 2.6     | 1.78  | 95        | 18.4197 | 28.7793 |
| 2009 | 6     | 6   | 12   | 42     | 53     | 0.3       | 2.6     | 1.77  | 94.4      | 18.4197 | 28.6178 |
| 2009 | 6     | 6   | 12   | 52     | 53     | 0.3       | 2.6     | 1.76  | 93.7      | 18.4197 | 28.4563 |
| 2009 | 6     | 6   | 13   | 2      | 53     | 0.3       | 2.6     | 1.78  | 95.8      | 18.4197 | 28.7254 |
| 2009 | 6     | 6   | 13   | 12     | 53     | 0.3       | 2.6     | 1.79  | 95.5      | 18.4197 | 28.9408 |
| 2009 | 6     | 6   | 13   | 22     | 53     | 0.3       | 2.6     | 1.76  | 94.8      | 18.4197 | 28.4563 |
| 2009 | 6     | 6   | 13   | 32     | 53     | 0.3       | 2.6     | 1.75  | 94.8      | 18.4197 | 28.2948 |
| 2009 | 6     | 6   | 13   | 42     | 53     | 0.3       | 2.6     | 1.73  | 95.1      | 18.4197 | 27.9181 |
| 2009 | 6     | 6   | 13   | 52     | 53     | 0.3       | 2.6     | 1.77  | 95.6      | 18.4197 | 28.6178 |
| 2009 | 6     | 6   | 14   | 2      | 53     | 0.3       | 2.6     | 1.81  | 95.8      | 18.4197 | 29.1561 |
| 2009 | 6     | 6   | 14   | 12     | 53     | 0.3       | 2.6     | 1.75  | 93.8      | 18.4197 | 28.3487 |
| 2009 | 6     | 6   | 14   | 22     | 53     | 0.3       | 2.6     | 1.74  | 95.4      | 18.4197 | 28.1334 |
| 2009 | 6     | 6   | 14   | 32     | 53     | 0.3       | 2.6     | 1.77  | 95.4      | 18.4197 | 28.5101 |
| 2009 | 6     | 6   | 14   | 42     | 53     | 0.3       | 2.6     | 1.79  | 94        | 18.4197 | 28.9408 |
| 2009 | 6     | 6   | 14   | 52     | 53     | 0.3       | 2.6     | 1.77  | 94.7      | 18.4197 | 28.6178 |
| 2009 | 6     | 6   | 15   | 2      | 53     | 0.3       | 2.6     | 1.7   | 93.2      | 18.4197 | 27.4877 |
| 2009 | 6     | 6   | 15   | 12     | 53     | 0.3       | 2.6     | 1.74  | 93.8      | 18.4197 | 28.0796 |
| 2009 | 6     | 6   | 15   | 22     | 53     | 0.3       | 2.6     | 1.76  | 93.1      | 18.4197 | 28.4563 |
| 2009 | 6     | 6   | 15   | 32     | 53     | 0.3       | 2.6     | 1.76  | 93.7      | 18.394  | 28.3632 |
| 2009 | 6     | 6   | 15   | 42     | 53     | 0.3       | 2.6     | 1.8   | 94        | 18.394  | 29.062  |
| 2009 | 6     | 6   | 15   | 52     | 53     | 0.3       | 2.6     | 1.77  | 93.1      | 18.394  | 28.5781 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 6   | 16   | 2      | 53     | 0.3       | 2.6     | 1.74  | 93.5      | 18.4197 | 28.1334 |
| 2009 | 6     | 6   | 16   | 12     | 53     | 0.3       | 2.6     | 1.78  | 95.1      | 18.4197 | 28.7254 |
| 2009 | 6     | 6   | 16   | 22     | 53     | 0.3       | 2.6     | 1.79  | 94.1      | 18.394  | 28.8469 |
| 2009 | 6     | 6   | 16   | 32     | 53     | 0.3       | 2.6     | 1.77  | 93        | 18.394  | 28.6857 |
| 2009 | 6     | 6   | 16   | 42     | 53     | 0.3       | 2.6     | 1.76  | 95.3      | 18.394  | 28.3632 |
| 2009 | 6     | 6   | 16   | 52     | 53     | 0.3       | 2.6     | 1.8   | 95        | 18.394  | 29.0082 |
| 2009 | 6     | 6   | 17   | 2      | 53     | 0.3       | 2.6     | 1.75  | 92.3      | 18.4197 | 28.4025 |
| 2009 | 6     | 6   | 17   | 12     | 53     | 0.3       | 2.6     | 1.75  | 93.3      | 18.394  | 28.2557 |
| 2009 | 6     | 6   | 17   | 22     | 53     | 0.3       | 2.6     | 1.72  | 91.6      | 18.394  | 27.8257 |
| 2009 | 6     | 6   | 17   | 32     | 53     | 0.3       | 2.6     | 1.76  | 94.2      | 18.4197 | 28.4563 |
| 2009 | 6     | 6   | 17   | 42     | 53     | 0.3       | 2.6     | 1.73  | 94.5      | 18.394  | 27.8795 |
| 2009 | 6     | 6   | 17   | 52     | 53     | 0.3       | 2.6     | 1.71  | 93.7      | 18.394  | 27.6108 |
| 2009 | 6     | 6   | 18   | 2      | 53     | 0.3       | 2.6     | 1.77  | 94        | 18.394  | 28.5244 |
| 2009 | 6     | 6   | 18   | 12     | 53     | 0.3       | 2.6     | 1.76  | 95.1      | 18.4197 | 28.4563 |
| 2009 | 6     | 6   | 18   | 22     | 53     | 0.3       | 2.6     | 1.77  | 93.5      | 18.394  | 28.6319 |
| 2009 | 6     | 6   | 18   | 32     | 53     | 0.3       | 2.6     | 1.79  | 95.2      | 18.394  | 28.7932 |
| 2009 | 6     | 6   | 18   | 42     | 53     | 0.3       | 2.6     | 1.75  | 95.6      | 18.394  | 28.2019 |
| 2009 | 6     | 6   | 18   | 52     | 53     | 0.3       | 2.6     | 1.74  | 95.3      | 18.394  | 27.987  |
| 2009 | 6     | 6   | 19   | 2      | 53     | 0.3       | 2.6     | 1.76  | 94.5      | 18.394  | 28.4169 |
| 2009 | 6     | 6   | 19   | 12     | 53     | 0.3       | 2.6     | 1.76  | 96.2      | 18.394  | 28.3094 |
| 2009 | 6     | 6   | 19   | 22     | 53     | 0.3       | 2.6     | 1.76  | 94.5      | 18.394  | 28.3632 |
| 2009 | 6     | 6   | 19   | 32     | 53     | 0.3       | 2.6     | 1.8   | 95.3      | 18.4197 | 28.9946 |
| 2009 | 6     | 6   | 19   | 42     | 53     | 0.3       | 2.6     | 1.74  | 94.5      | 18.394  | 28.0944 |
| 2009 | 6     | 6   | 19   | 52     | 53     | 0.3       | 2.6     | 1.77  | 92.8      | 18.4197 | 28.6178 |
| 2009 | 6     | 6   | 20   | 2      | 53     | 0.3       | 2.6     | 1.79  | 93.6      | 18.4197 | 29.0484 |
| 2009 | 6     | 6   | 20   | 12     | 53     | 0.3       | 2.6     | 1.77  | 95.1      | 18.4197 | 28.6178 |
| 2009 | 6     | 6   | 20   | 22     | 53     | 0.3       | 2.6     | 1.77  | 93.7      | 18.4197 | 28.564  |
| 2009 | 6     | 6   | 20   | 32     | 53     | 0.3       | 2.6     | 1.79  | 95        | 18.4197 | 28.9946 |
| 2009 | 6     | 6   | 20   | 42     | 53     | 0.3       | 2.6     | 1.76  | 94.7      | 18.4197 | 28.5101 |
| 2009 | 6     | 6   | 20   | 52     | 53     | 0.3       | 2.6     | 1.77  | 95.2      | 18.394  | 28.5244 |
| 2009 | 6     | 6   | 21   | 2      | 53     | 0.3       | 2.6     | 1.73  | 93.9      | 18.4197 | 27.9181 |
| 2009 | 6     | 6   | 21   | 12     | 53     | 0.3       | 2.6     | 1.77  | 95        | 18.4197 | 28.5101 |
| 2009 | 6     | 6   | 21   | 22     | 53     | 0.3       | 2.6     | 1.74  | 93.6      | 18.4197 | 28.1872 |
| 2009 | 6     | 6   | 21   | 32     | 53     | 0.3       | 2.6     | 1.76  | 94.7      | 18.394  | 28.4169 |
| 2009 | 6     | 6   | 21   | 42     | 53     | 0.3       | 2.6     | 1.75  | 92        | 18.394  | 28.2557 |
| 2009 | 6     | 6   | 21   | 52     | 53     | 0.3       | 2.6     | 1.74  | 95.8      | 18.394  | 28.0944 |
| 2009 | 6     | 6   | 22   | 2      | 53     | 0.3       | 2.6     | 1.77  | 93.3      | 18.394  | 28.6319 |
| 2009 | 6     | 6   | 22   | 12     | 53     | 0.3       | 2.6     | 1.78  | 92.7      | 18.394  | 28.8469 |
| 2009 | 6     | 6   | 22   | 22     | 53     | 0.3       | 2.6     | 1.73  | 93.9      | 18.394  | 27.987  |
| 2009 | 6     | 6   | 22   | 32     | 53     | 0.3       | 2.6     | 1.74  | 95.5      | 18.394  | 28.0944 |
| 2009 | 6     | 6   | 22   | 42     | 53     | 0.3       | 2.6     | 1.75  | 92.4      | 18.394  | 28.3632 |
| 2009 | 6     | 6   | 22   | 52     | 53     | 0.3       | 2.6     | 1.76  | 94.2      | 18.394  | 28.4706 |
| 2009 | 6     | 6   | 23   | 2      | 53     | 0.3       | 2.6     | 1.72  | 92.7      | 18.394  | 27.8795 |
| 2009 | 6     | 6   | 23   | 12     | 53     | 0.3       | 2.6     | 1.76  | 94.2      | 18.394  | 28.3632 |
| 2009 | 6     | 6   | 23   | 22     | 53     | 0.3       | 2.6     | 1.72  | 93.7      | 18.394  | 27.7183 |
| 2009 | 6     | 6   | 23   | 32     | 53     | 0.3       | 2.6     | 1.72  | 94.1      | 18.394  | 27.7183 |
| 2009 | 6     | 6   | 23   | 42     | 53     | 0.3       | 2.6     | 1.79  | 95.6      | 18.394  | 28.9007 |
| 2009 | 6     | 6   | 23   | 52     | 53     | 0.3       | 2.6     | 1.81  | 95.3      | 18.394  | 29.1157 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 7   | 0    | 2      | 53     | 0.3       | 2.6     | 1.71  | 95.3      | 18.394  | 27.5571 |
| 2009 | 6     | 7   | 0    | 12     | 53     | 0.3       | 2.6     | 1.8   | 95.2      | 18.3684 | 28.9143 |
| 2009 | 6     | 7   | 0    | 22     | 53     | 0.3       | 2.6     | 1.75  | 93.9      | 18.3684 | 28.2165 |
| 2009 | 6     | 7   | 0    | 32     | 53     | 0.3       | 2.6     | 1.74  | 92.9      | 18.3684 | 28.0555 |
| 2009 | 6     | 7   | 0    | 42     | 53     | 0.3       | 2.6     | 1.78  | 94        | 18.3684 | 28.6996 |
| 2009 | 6     | 7   | 0    | 52     | 53     | 0.3       | 2.6     | 1.73  | 93.9      | 18.3684 | 27.8408 |
| 2009 | 6     | 7   | 1    | 2      | 53     | 0.3       | 2.6     | 1.73  | 95.3      | 18.3684 | 27.8945 |
| 2009 | 6     | 7   | 1    | 12     | 53     | 0.3       | 2.6     | 1.74  | 95.6      | 18.3684 | 28.0555 |
| 2009 | 6     | 7   | 1    | 22     | 53     | 0.3       | 2.6     | 1.76  | 94.6      | 18.3684 | 28.3775 |
| 2009 | 6     | 7   | 1    | 32     | 53     | 0.3       | 2.6     | 1.77  | 93.2      | 18.3427 | 28.5525 |
| 2009 | 6     | 7   | 1    | 42     | 53     | 0.3       | 2.6     | 1.71  | 93.6      | 18.3684 | 27.6262 |
| 2009 | 6     | 7   | 1    | 52     | 53     | 0.3       | 2.6     | 1.8   | 94.5      | 18.3427 | 28.9277 |
| 2009 | 6     | 7   | 2    | 2      | 53     | 0.3       | 2.6     | 1.81  | 94.3      | 18.3684 | 29.2364 |
| 2009 | 6     | 7   | 2    | 12     | 53     | 0.3       | 2.6     | 1.75  | 95.3      | 18.3427 | 28.1773 |
| 2009 | 6     | 7   | 2    | 22     | 53     | 0.3       | 2.6     | 1.76  | 93.5      | 18.3427 | 28.3381 |
| 2009 | 6     | 7   | 2    | 32     | 53     | 0.3       | 2.6     | 1.74  | 92.8      | 18.3427 | 28.1237 |
| 2009 | 6     | 7   | 2    | 42     | 53     | 0.3       | 2.6     | 1.77  | 94.8      | 18.3427 | 28.4453 |
| 2009 | 6     | 7   | 2    | 52     | 53     | 0.3       | 2.6     | 1.73  | 93.3      | 18.3427 | 27.8022 |
| 2009 | 6     | 7   | 3    | 2      | 53     | 0.3       | 2.6     | 1.77  | 95.1      | 18.3427 | 28.4453 |
| 2009 | 6     | 7   | 3    | 12     | 53     | 0.3       | 2.6     | 1.79  | 92.8      | 18.3427 | 28.8205 |
| 2009 | 6     | 7   | 3    | 22     | 53     | 0.3       | 2.6     | 1.76  | 94.9      | 18.3427 | 28.2845 |
| 2009 | 6     | 7   | 3    | 32     | 53     | 0.3       | 2.6     | 1.76  | 93        | 18.3427 | 28.3381 |
| 2009 | 6     | 7   | 3    | 42     | 53     | 0.3       | 2.6     | 1.78  | 95        | 18.3171 | 28.5663 |
| 2009 | 6     | 7   | 3    | 52     | 53     | 0.3       | 2.6     | 1.77  | 95.3      | 18.3171 | 28.3522 |
| 2009 | 6     | 7   | 4    | 2      | 53     | 0.3       | 2.6     | 1.76  | 93.4      | 18.3171 | 28.3522 |
| 2009 | 6     | 7   | 4    | 12     | 53     | 0.3       | 2.6     | 1.74  | 94.2      | 18.3171 | 28.0311 |
| 2009 | 6     | 7   | 4    | 22     | 53     | 0.3       | 2.6     | 1.8   | 94.7      | 18.3427 | 28.9277 |
| 2009 | 6     | 7   | 4    | 32     | 53     | 0.3       | 2.6     | 1.76  | 95.3      | 18.3171 | 28.2452 |
| 2009 | 6     | 7   | 4    | 42     | 53     | 0.3       | 2.6     | 1.73  | 95        | 18.3171 | 27.817  |
| 2009 | 6     | 7   | 4    | 52     | 53     | 0.3       | 2.6     | 1.78  | 95.5      | 18.3171 | 28.6199 |
| 2009 | 6     | 7   | 5    | 2      | 53     | 0.3       | 2.6     | 1.81  | 94.3      | 18.3171 | 29.1017 |
| 2009 | 6     | 7   | 5    | 12     | 53     | 0.3       | 2.6     | 1.75  | 96.3      | 18.3171 | 27.9776 |
| 2009 | 6     | 7   | 5    | 22     | 53     | 0.3       | 2.6     | 1.76  | 93.1      | 18.3171 | 28.3522 |
| 2009 | 6     | 7   | 5    | 32     | 53     | 0.3       | 2.6     | 1.68  | 93.4      | 18.2915 | 26.9234 |
| 2009 | 6     | 7   | 5    | 42     | 53     | 0.3       | 2.6     | 1.77  | 93.5      | 18.3171 | 28.4057 |
| 2009 | 6     | 7   | 5    | 52     | 53     | 0.3       | 2.6     | 1.74  | 93.9      | 18.3171 | 27.9776 |
| 2009 | 6     | 7   | 6    | 2      | 53     | 0.3       | 2.6     | 1.75  | 93.4      | 18.3171 | 28.1917 |
| 2009 | 6     | 7   | 6    | 12     | 53     | 0.3       | 2.6     | 1.73  | 94.6      | 18.2915 | 27.8318 |
| 2009 | 6     | 7   | 6    | 22     | 53     | 0.3       | 2.6     | 1.72  | 95.3      | 18.2915 | 27.5646 |
| 2009 | 6     | 7   | 6    | 32     | 53     | 0.3       | 2.6     | 1.72  | 95.4      | 18.2915 | 27.618  |
| 2009 | 6     | 7   | 6    | 42     | 53     | 0.3       | 2.6     | 1.76  | 93.7      | 18.3171 | 28.2987 |
| 2009 | 6     | 7   | 6    | 52     | 53     | 0.3       | 2.6     | 1.76  | 94.3      | 18.2915 | 28.2059 |
| 2009 | 6     | 7   | 7    | 2      | 53     | 0.3       | 2.6     | 1.78  | 93.4      | 18.2915 | 28.58   |
| 2009 | 6     | 7   | 7    | 12     | 53     | 0.3       | 2.6     | 1.77  | 94.1      | 18.2915 | 28.4197 |
| 2009 | 6     | 7   | 7    | 22     | 53     | 0.3       | 2.6     | 1.77  | 95.1      | 18.2915 | 28.3662 |
| 2009 | 6     | 7   | 7    | 32     | 53     | 0.3       | 2.6     | 1.72  | 95.5      | 18.2915 | 27.5111 |
| 2009 | 6     | 7   | 7    | 42     | 53     | 0.3       | 2.6     | 1.74  | 95        | 18.2915 | 27.8852 |
| 2009 | 6     | 7   | 7    | 52     | 53     | 0.3       | 2.6     | 1.74  | 94.4      | 18.2915 | 27.9386 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 7   | 8    | 2      | 53     | 0.3       | 2.6     | 1.72  | 95.1      | 18.2915 | 27.618  |
| 2009 | 6     | 7   | 8    | 12     | 53     | 0.3       | 2.6     | 1.73  | 95        | 18.2915 | 27.6714 |
| 2009 | 6     | 7   | 8    | 22     | 53     | 0.3       | 2.6     | 1.78  | 95.4      | 18.2658 | 28.4334 |
| 2009 | 6     | 7   | 8    | 32     | 53     | 0.3       | 2.6     | 1.72  | 91        | 18.2915 | 27.7249 |
| 2009 | 6     | 7   | 8    | 42     | 53     | 0.3       | 2.6     | 1.76  | 93.6      | 18.2658 | 28.1666 |
| 2009 | 6     | 7   | 8    | 52     | 53     | 0.3       | 2.6     | 1.78  | 94.8      | 18.2658 | 28.5402 |
| 2009 | 6     | 7   | 9    | 2      | 53     | 0.3       | 2.6     | 1.76  | 95.1      | 18.2658 | 28.1132 |
| 2009 | 6     | 7   | 9    | 12     | 53     | 0.3       | 2.6     | 1.69  | 94.7      | 18.2658 | 27.0993 |
| 2009 | 6     | 7   | 9    | 22     | 53     | 0.3       | 2.6     | 1.74  | 93.5      | 18.2658 | 27.9531 |
| 2009 | 6     | 7   | 9    | 32     | 53     | 0.3       | 2.6     | 1.73  | 94.2      | 18.2658 | 27.7396 |
| 2009 | 6     | 7   | 9    | 42     | 53     | 0.3       | 2.6     | 1.75  | 94.5      | 18.2402 | 28.074  |
| 2009 | 6     | 7   | 9    | 52     | 53     | 0.3       | 2.6     | 1.71  | 94.7      | 18.2402 | 27.3812 |
| 2009 | 6     | 7   | 10   | 2      | 53     | 0.3       | 2.6     | 1.73  | 94.5      | 18.2402 | 27.7009 |
| 2009 | 6     | 7   | 10   | 12     | 53     | 0.3       | 2.6     | 1.78  | 93.3      | 18.2402 | 28.607  |
| 2009 | 6     | 7   | 10   | 22     | 53     | 0.3       | 2.6     | 1.74  | 95.8      | 18.2402 | 27.8075 |
| 2009 | 6     | 7   | 10   | 32     | 53     | 0.3       | 2.6     | 1.78  | 91.7      | 18.2146 | 28.4606 |
| 2009 | 6     | 7   | 10   | 42     | 53     | 0.3       | 2.6     | 1.76  | 95.4      | 18.2146 | 28.0347 |
| 2009 | 6     | 7   | 10   | 52     | 53     | 0.3       | 2.6     | 1.76  | 94.1      | 18.2146 | 28.1412 |
| 2009 | 6     | 7   | 11   | 2      | 53     | 0.3       | 2.6     | 1.75  | 94.5      | 18.189  | 27.8892 |
| 2009 | 6     | 7   | 11   | 12     | 53     | 0.3       | 2.6     | 1.74  | 92.3      | 18.189  | 27.7829 |
| 2009 | 6     | 7   | 11   | 22     | 53     | 0.3       | 2.6     | 1.75  | 94.2      | 18.2146 | 27.9283 |
| 2009 | 6     | 7   | 11   | 32     | 53     | 0.3       | 2.6     | 1.77  | 96.2      | 18.2146 | 28.1412 |
| 2009 | 6     | 7   | 11   | 42     | 53     | 0.3       | 2.6     | 1.78  | 96.1      | 18.189  | 28.3144 |
| 2009 | 6     | 7   | 11   | 52     | 53     | 0.3       | 2.6     | 1.75  | 93.8      | 18.189  | 27.8892 |
| 2009 | 6     | 7   | 12   | 2      | 53     | 0.3       | 2.6     | 1.75  | 94.1      | 18.2146 | 27.9283 |
| 2009 | 6     | 7   | 12   | 12     | 53     | 0.3       | 2.6     | 1.71  | 95.5      | 18.189  | 27.3047 |
| 2009 | 6     | 7   | 12   | 22     | 53     | 0.3       | 2.6     | 1.72  | 94.3      | 18.189  | 27.5172 |
| 2009 | 6     | 7   | 12   | 32     | 53     | 0.3       | 2.6     | 1.76  | 93.1      | 18.2146 | 28.1412 |
| 2009 | 6     | 7   | 12   | 42     | 53     | 0.3       | 2.6     | 1.75  | 94.8      | 18.189  | 27.9424 |
| 2009 | 6     | 7   | 12   | 52     | 53     | 0.3       | 2.6     | 1.72  | 94.3      | 18.189  | 27.5172 |
| 2009 | 6     | 7   | 13   | 2      | 53     | 0.3       | 2.6     | 1.76  | 96.5      | 18.189  | 27.9955 |
| 2009 | 6     | 7   | 13   | 12     | 53     | 0.3       | 2.6     | 1.74  | 94.2      | 18.189  | 27.8361 |
| 2009 | 6     | 7   | 13   | 22     | 53     | 0.3       | 2.6     | 1.75  | 94.5      | 18.189  | 27.9424 |
| 2009 | 6     | 7   | 13   | 32     | 53     | 0.3       | 2.6     | 1.74  | 94.5      | 18.189  | 27.8361 |
| 2009 | 6     | 7   | 13   | 42     | 53     | 0.3       | 2.6     | 1.74  | 94.9      | 18.189  | 27.7829 |
| 2009 | 6     | 7   | 13   | 52     | 53     | 0.3       | 2.6     | 1.74  | 92.6      | 18.189  | 27.8361 |
| 2009 | 6     | 7   | 14   | 2      | 53     | 0.3       | 2.6     | 1.77  | 95.9      | 18.189  | 28.155  |
| 2009 | 6     | 7   | 14   | 12     | 53     | 0.3       | 2.6     | 1.77  | 93.7      | 18.189  | 28.2613 |
| 2009 | 6     | 7   | 14   | 22     | 53     | 0.3       | 2.6     | 1.72  | 94.3      | 18.1634 | 27.4256 |
| 2009 | 6     | 7   | 14   | 32     | 53     | 0.3       | 2.6     | 1.8   | 94.3      | 18.189  | 28.6866 |
| 2009 | 6     | 7   | 14   | 42     | 53     | 0.3       | 2.6     | 1.74  | 95.9      | 18.189  | 27.7298 |
| 2009 | 6     | 7   | 14   | 52     | 53     | 0.3       | 2.6     | 1.74  | 94        | 18.189  | 27.7298 |
| 2009 | 6     | 7   | 15   | 2      | 53     | 0.3       | 2.6     | 1.76  | 95.9      | 18.1634 | 28.0625 |
| 2009 | 6     | 7   | 15   | 12     | 53     | 0.3       | 2.6     | 1.72  | 95.5      | 18.189  | 27.411  |
| 2009 | 6     | 7   | 15   | 22     | 53     | 0.3       | 2.6     | 1.74  | 96.1      | 18.1634 | 27.691  |
| 2009 | 6     | 7   | 15   | 32     | 53     | 0.3       | 2.6     | 1.77  | 93        | 18.1634 | 28.3279 |
| 2009 | 6     | 7   | 15   | 42     | 53     | 0.3       | 2.6     | 1.75  | 94.6      | 18.189  | 27.9424 |
| 2009 | 6     | 7   | 15   | 52     | 53     | 0.3       | 2.6     | 1.79  | 92.4      | 18.189  | 28.6334 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 7   | 16   | 2      | 53     | 0.3       | 2.6     | 1.74  | 94.3      | 18.189  | 27.7298 |
| 2009 | 6     | 7   | 16   | 12     | 53     | 0.3       | 2.6     | 1.75  | 94.7      | 18.189  | 27.9955 |
| 2009 | 6     | 7   | 16   | 22     | 53     | 0.3       | 2.6     | 1.77  | 94.8      | 18.1634 | 28.1686 |
| 2009 | 6     | 7   | 16   | 32     | 53     | 0.3       | 2.6     | 1.76  | 93.5      | 18.189  | 28.1018 |
| 2009 | 6     | 7   | 16   | 42     | 53     | 0.3       | 2.6     | 1.72  | 97        | 18.189  | 27.2516 |
| 2009 | 6     | 7   | 16   | 52     | 53     | 0.3       | 2.6     | 1.74  | 93.2      | 18.189  | 27.7829 |
| 2009 | 6     | 7   | 17   | 2      | 53     | 0.3       | 2.6     | 1.77  | 94.5      | 18.189  | 28.2081 |
| 2009 | 6     | 7   | 17   | 12     | 53     | 0.3       | 2.6     | 1.77  | 94.8      | 18.189  | 28.2613 |
| 2009 | 6     | 7   | 17   | 22     | 53     | 0.3       | 2.6     | 1.71  | 93.6      | 18.189  | 27.3047 |
| 2009 | 6     | 7   | 17   | 32     | 53     | 0.3       | 2.6     | 1.71  | 94.3      | 18.189  | 27.2516 |
| 2009 | 6     | 7   | 17   | 42     | 53     | 0.3       | 2.6     | 1.74  | 93.9      | 18.189  | 27.7298 |
| 2009 | 6     | 7   | 17   | 52     | 53     | 0.3       | 2.6     | 1.76  | 94.5      | 18.189  | 28.1018 |
| 2009 | 6     | 7   | 18   | 2      | 53     | 0.3       | 2.6     | 1.7   | 94.3      | 18.189  | 27.1984 |
| 2009 | 6     | 7   | 18   | 12     | 53     | 0.3       | 2.6     | 1.77  | 94.8      | 18.189  | 28.3144 |
| 2009 | 6     | 7   | 18   | 22     | 53     | 0.3       | 2.6     | 1.78  | 95        | 18.189  | 28.3676 |
| 2009 | 6     | 7   | 18   | 32     | 53     | 0.3       | 2.6     | 1.78  | 93.8      | 18.189  | 28.3676 |
| 2009 | 6     | 7   | 18   | 42     | 53     | 0.3       | 2.6     | 1.76  | 93.7      | 18.189  | 28.0487 |
| 2009 | 6     | 7   | 18   | 52     | 53     | 0.3       | 2.6     | 1.75  | 93.3      | 18.189  | 27.8892 |
| 2009 | 6     | 7   | 19   | 2      | 53     | 0.3       | 2.6     | 1.71  | 93.5      | 18.189  | 27.3047 |
| 2009 | 6     | 7   | 19   | 12     | 53     | 0.3       | 2.6     | 1.72  | 95.5      | 18.189  | 27.4641 |
| 2009 | 6     | 7   | 19   | 22     | 53     | 0.3       | 2.6     | 1.74  | 95.5      | 18.189  | 27.6767 |
| 2009 | 6     | 7   | 19   | 32     | 53     | 0.3       | 2.6     | 1.74  | 93.9      | 18.189  | 27.8361 |
| 2009 | 6     | 7   | 19   | 42     | 53     | 0.3       | 2.6     | 1.74  | 95        | 18.2146 | 27.7154 |
| 2009 | 6     | 7   | 19   | 52     | 53     | 0.3       | 2.6     | 1.72  | 93.3      | 18.189  | 27.5172 |
| 2009 | 6     | 7   | 20   | 2      | 53     | 0.3       | 2.6     | 1.72  | 95.5      | 18.2146 | 27.3961 |
| 2009 | 6     | 7   | 20   | 12     | 53     | 0.3       | 2.6     | 1.71  | 92.8      | 18.2146 | 27.3429 |
| 2009 | 6     | 7   | 20   | 22     | 53     | 0.3       | 2.6     | 1.76  | 94.8      | 18.2146 | 28.088  |
| 2009 | 6     | 7   | 20   | 32     | 53     | 0.3       | 2.6     | 1.72  | 95.6      | 18.2146 | 27.3961 |
| 2009 | 6     | 7   | 20   | 42     | 53     | 0.3       | 2.6     | 1.73  | 94        | 18.2146 | 27.609  |
| 2009 | 6     | 7   | 20   | 52     | 53     | 0.3       | 2.6     | 1.74  | 94.6      | 18.2146 | 27.8751 |
| 2009 | 6     | 7   | 21   | 2      | 53     | 0.3       | 2.6     | 1.78  | 94.8      | 18.2146 | 28.4073 |
| 2009 | 6     | 7   | 21   | 12     | 53     | 0.3       | 2.6     | 1.71  | 93.5      | 18.2146 | 27.3961 |
| 2009 | 6     | 7   | 21   | 22     | 53     | 0.3       | 2.6     | 1.73  | 94.1      | 18.2146 | 27.609  |
| 2009 | 6     | 7   | 21   | 32     | 53     | 0.3       | 2.6     | 1.75  | 95.3      | 18.2146 | 27.8751 |
| 2009 | 6     | 7   | 21   | 42     | 53     | 0.3       | 2.6     | 1.71  | 96.2      | 18.2146 | 27.2365 |
| 2009 | 6     | 7   | 21   | 52     | 53     | 0.3       | 2.6     | 1.75  | 95.7      | 18.2146 | 27.9283 |
| 2009 | 6     | 7   | 22   | 2      | 53     | 0.3       | 2.6     | 1.69  | 92.4      | 18.2146 | 27.1301 |
| 2009 | 6     | 7   | 22   | 12     | 53     | 0.3       | 2.6     | 1.74  | 92.9      | 18.2146 | 27.9283 |
| 2009 | 6     | 7   | 22   | 22     | 53     | 0.3       | 2.6     | 1.72  | 92.9      | 18.2146 | 27.609  |
| 2009 | 6     | 7   | 22   | 32     | 53     | 0.3       | 2.6     | 1.73  | 97        | 18.2146 | 27.5558 |
| 2009 | 6     | 7   | 22   | 42     | 53     | 0.3       | 2.6     | 1.7   | 95.4      | 18.2146 | 27.1301 |
| 2009 | 6     | 7   | 22   | 52     | 53     | 0.3       | 2.6     | 1.74  | 94.5      | 18.2146 | 27.8219 |
| 2009 | 6     | 7   | 23   | 2      | 53     | 0.3       | 2.6     | 1.7   | 93.9      | 18.2146 | 27.2365 |
| 2009 | 6     | 7   | 23   | 12     | 53     | 0.3       | 2.6     | 1.73  | 93        | 18.2402 | 27.8075 |
| 2009 | 6     | 7   | 23   | 22     | 53     | 0.3       | 2.6     | 1.74  | 93.4      | 18.2402 | 27.8075 |
| 2009 | 6     | 7   | 23   | 32     | 53     | 0.3       | 2.6     | 1.78  | 94.5      | 18.2402 | 28.5004 |
| 2009 | 6     | 7   | 23   | 42     | 53     | 0.3       | 2.6     | 1.73  | 95.4      | 18.2402 | 27.6476 |
| 2009 | 6     | 7   | 23   | 52     | 53     | 0.3       | 2.6     | 1.78  | 93.9      | 18.2402 | 28.5537 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 8   | 0    | 2      | 53     | 0.3       | 2.6     | 1.76  | 93.4      | 18.2402 | 28.1806 |
| 2009 | 6     | 8   | 0    | 12     | 53     | 0.3       | 2.6     | 1.74  | 94.6      | 18.2402 | 27.8608 |
| 2009 | 6     | 8   | 0    | 22     | 53     | 0.3       | 2.6     | 1.75  | 94        | 18.2146 | 27.9283 |
| 2009 | 6     | 8   | 0    | 32     | 53     | 0.3       | 2.6     | 1.76  | 94.9      | 18.2146 | 28.088  |
| 2009 | 6     | 8   | 0    | 42     | 53     | 0.3       | 2.6     | 1.74  | 95.2      | 18.2402 | 27.8608 |
| 2009 | 6     | 8   | 0    | 52     | 53     | 0.3       | 2.6     | 1.72  | 94.8      | 18.2402 | 27.4345 |
| 2009 | 6     | 8   | 1    | 2      | 53     | 0.3       | 2.6     | 1.75  | 94.6      | 18.2402 | 27.9674 |
| 2009 | 6     | 8   | 1    | 12     | 53     | 0.3       | 2.6     | 1.77  | 95.2      | 18.2402 | 28.2872 |
| 2009 | 6     | 8   | 1    | 22     | 53     | 0.3       | 2.6     | 1.76  | 95.6      | 18.2402 | 28.074  |
| 2009 | 6     | 8   | 1    | 32     | 53     | 0.3       | 2.6     | 1.73  | 94.7      | 18.2402 | 27.6476 |
| 2009 | 6     | 8   | 1    | 42     | 53     | 0.3       | 2.6     | 1.75  | 93.3      | 18.2402 | 28.0207 |
| 2009 | 6     | 8   | 1    | 52     | 53     | 0.3       | 2.6     | 1.72  | 94.7      | 18.2402 | 27.4345 |
| 2009 | 6     | 8   | 2    | 2      | 53     | 0.3       | 2.6     | 1.77  | 95.2      | 18.2402 | 28.2872 |
| 2009 | 6     | 8   | 2    | 12     | 53     | 0.3       | 2.6     | 1.76  | 93        | 18.2402 | 28.1806 |
| 2009 | 6     | 8   | 2    | 22     | 53     | 0.3       | 2.6     | 1.75  | 95.7      | 18.2658 | 27.9531 |
| 2009 | 6     | 8   | 2    | 32     | 53     | 0.3       | 2.6     | 1.74  | 94.1      | 18.2402 | 27.9141 |
| 2009 | 6     | 8   | 2    | 42     | 53     | 0.3       | 2.6     | 1.75  | 94.4      | 18.2402 | 28.074  |
| 2009 | 6     | 8   | 2    | 52     | 53     | 0.3       | 2.6     | 1.75  | 93.9      | 18.2402 | 27.9674 |
| 2009 | 6     | 8   | 3    | 2      | 53     | 0.3       | 2.6     | 1.77  | 94.3      | 18.2658 | 28.4334 |
| 2009 | 6     | 8   | 3    | 12     | 53     | 0.3       | 2.6     | 1.71  | 93.7      | 18.2658 | 27.4194 |
| 2009 | 6     | 8   | 3    | 22     | 53     | 0.3       | 2.6     | 1.75  | 94.9      | 18.2658 | 28.0598 |
| 2009 | 6     | 8   | 3    | 32     | 53     | 0.3       | 2.6     | 1.72  | 95.4      | 18.2658 | 27.5262 |
| 2009 | 6     | 8   | 3    | 42     | 53     | 0.3       | 2.6     | 1.79  | 95.9      | 18.2915 | 28.7404 |
| 2009 | 6     | 8   | 3    | 52     | 53     | 0.3       | 2.6     | 1.77  | 93        | 18.2915 | 28.4731 |
| 2009 | 6     | 8   | 4    | 2      | 53     | 0.3       | 2.6     | 1.74  | 94.2      | 18.2915 | 27.9921 |
| 2009 | 6     | 8   | 4    | 12     | 53     | 0.3       | 2.6     | 1.76  | 95.2      | 18.2915 | 28.2593 |
| 2009 | 6     | 8   | 4    | 22     | 53     | 0.3       | 2.6     | 1.78  | 94.7      | 18.2915 | 28.5266 |
| 2009 | 6     | 8   | 4    | 32     | 53     | 0.3       | 2.6     | 1.75  | 96.8      | 18.3171 | 28.0846 |
| 2009 | 6     | 8   | 4    | 42     | 53     | 0.3       | 2.6     | 1.74  | 94.4      | 18.3171 | 27.9241 |
| 2009 | 6     | 8   | 4    | 52     | 53     | 0.3       | 2.6     | 1.74  | 95.1      | 18.3171 | 27.8705 |
| 2009 | 6     | 8   | 5    | 2      | 53     | 0.3       | 2.6     | 1.79  | 96.1      | 18.3171 | 28.6734 |
| 2009 | 6     | 8   | 5    | 12     | 53     | 0.3       | 2.6     | 1.77  | 95.9      | 18.3171 | 28.4593 |
| 2009 | 6     | 8   | 5    | 22     | 53     | 0.3       | 2.6     | 1.76  | 94.7      | 18.3427 | 28.3381 |
| 2009 | 6     | 8   | 5    | 32     | 53     | 0.3       | 2.6     | 1.74  | 93.7      | 18.3171 | 28.0311 |
| 2009 | 6     | 8   | 5    | 42     | 53     | 0.3       | 2.6     | 1.77  | 94.9      | 18.3427 | 28.5525 |
| 2009 | 6     | 8   | 5    | 52     | 53     | 0.3       | 2.6     | 1.78  | 95.1      | 18.3427 | 28.6597 |
| 2009 | 6     | 8   | 6    | 2      | 53     | 0.3       | 2.6     | 1.72  | 92.8      | 18.3427 | 27.7486 |
| 2009 | 6     | 8   | 6    | 12     | 53     | 0.3       | 2.6     | 1.7   | 95.5      | 18.3427 | 27.3199 |
| 2009 | 6     | 8   | 6    | 22     | 53     | 0.3       | 2.6     | 1.76  | 94.3      | 18.3427 | 28.2845 |
| 2009 | 6     | 8   | 6    | 32     | 53     | 0.3       | 2.6     | 1.76  | 95.9      | 18.3427 | 28.2845 |
| 2009 | 6     | 8   | 6    | 42     | 53     | 0.3       | 2.6     | 1.76  | 94.1      | 18.3684 | 28.3238 |
| 2009 | 6     | 8   | 6    | 52     | 53     | 0.3       | 2.6     | 1.76  | 92.5      | 18.3684 | 28.4848 |
| 2009 | 6     | 8   | 7    | 2      | 53     | 0.3       | 2.6     | 1.72  | 95.6      | 18.3427 | 27.695  |
| 2009 | 6     | 8   | 7    | 12     | 53     | 0.3       | 2.6     | 1.73  | 95.7      | 18.3684 | 27.8408 |
| 2009 | 6     | 8   | 7    | 22     | 53     | 0.3       | 2.6     | 1.77  | 94.5      | 18.3684 | 28.5385 |
| 2009 | 6     | 8   | 7    | 32     | 53     | 0.3       | 2.6     | 1.71  | 93        | 18.3684 | 27.5725 |
| 2009 | 6     | 8   | 7    | 42     | 53     | 0.3       | 2.6     | 1.73  | 95.4      | 18.3684 | 27.8945 |
| 2009 | 6     | 8   | 7    | 52     | 53     | 0.3       | 2.6     | 1.78  | 94.1      | 18.3684 | 28.7532 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 8   | 8    | 2      | 53     | 0.3       | 2.6     | 1.72  | 95.4      | 18.3684 | 27.7335 |
| 2009 | 6     | 8   | 8    | 12     | 53     | 0.3       | 2.6     | 1.75  | 95.2      | 18.3684 | 28.2165 |
| 2009 | 6     | 8   | 8    | 22     | 53     | 0.3       | 2.6     | 1.76  | 95.6      | 18.3684 | 28.3775 |
| 2009 | 6     | 8   | 8    | 32     | 53     | 0.3       | 2.6     | 1.77  | 95.1      | 18.3684 | 28.5385 |
| 2009 | 6     | 8   | 8    | 42     | 53     | 0.3       | 2.6     | 1.79  | 94.1      | 18.3684 | 28.8069 |
| 2009 | 6     | 8   | 8    | 52     | 53     | 0.3       | 2.6     | 1.72  | 94.2      | 18.3684 | 27.7335 |
| 2009 | 6     | 8   | 9    | 2      | 53     | 0.3       | 2.6     | 1.75  | 96.6      | 18.3684 | 28.1628 |
| 2009 | 6     | 8   | 9    | 12     | 53     | 0.3       | 2.6     | 1.75  | 95.5      | 18.3684 | 28.2165 |
| 2009 | 6     | 8   | 9    | 22     | 53     | 0.3       | 2.6     | 1.75  | 94.6      | 18.3684 | 28.2165 |
| 2009 | 6     | 8   | 9    | 32     | 53     | 0.3       | 2.6     | 1.72  | 93.4      | 18.3684 | 27.7872 |
| 2009 | 6     | 8   | 9    | 42     | 53     | 0.3       | 2.6     | 1.76  | 94.3      | 18.3684 | 28.3775 |
| 2009 | 6     | 8   | 9    | 52     | 53     | 0.3       | 2.6     | 1.73  | 94.2      | 18.3684 | 27.9481 |
| 2009 | 6     | 8   | 10   | 2      | 53     | 0.3       | 2.6     | 1.74  | 95.9      | 18.3684 | 28.0018 |
| 2009 | 6     | 8   | 10   | 12     | 53     | 0.3       | 2.6     | 1.74  | 93.2      | 18.3684 | 28.1628 |
| 2009 | 6     | 8   | 10   | 22     | 53     | 0.3       | 2.6     | 1.76  | 95.1      | 18.3684 | 28.3238 |
| 2009 | 6     | 8   | 10   | 32     | 53     | 0.3       | 2.6     | 1.75  | 93.9      | 18.3684 | 28.2701 |
| 2009 | 6     | 8   | 10   | 42     | 53     | 0.3       | 2.6     | 1.73  | 96.2      | 18.3684 | 27.7872 |
| 2009 | 6     | 8   | 10   | 52     | 53     | 0.3       | 2.6     | 1.78  | 95.4      | 18.3684 | 28.5922 |
| 2009 | 6     | 8   | 11   | 2      | 53     | 0.3       | 2.6     | 1.76  | 95.9      | 18.3684 | 28.3238 |
| 2009 | 6     | 8   | 11   | 12     | 53     | 0.3       | 2.6     | 1.73  | 94.7      | 18.3684 | 27.9481 |
| 2009 | 6     | 8   | 11   | 22     | 53     | 0.3       | 2.6     | 1.75  | 93.7      | 18.3684 | 28.2165 |
| 2009 | 6     | 8   | 11   | 32     | 53     | 0.3       | 2.6     | 1.75  | 92.8      | 18.3684 | 28.2701 |
| 2009 | 6     | 8   | 11   | 42     | 53     | 0.3       | 2.6     | 1.77  | 91.9      | 18.3684 | 28.5385 |
| 2009 | 6     | 8   | 11   | 52     | 53     | 0.3       | 2.6     | 1.76  | 95.4      | 18.3684 | 28.2701 |
| 2009 | 6     | 8   | 12   | 2      | 53     | 0.3       | 2.6     | 1.72  | 94.6      | 18.3684 | 27.7335 |
| 2009 | 6     | 8   | 12   | 12     | 53     | 0.3       | 2.6     | 1.76  | 95.6      | 18.3684 | 28.2701 |
| 2009 | 6     | 8   | 12   | 22     | 53     | 0.3       | 2.6     | 1.74  | 93.1      | 18.3684 | 28.1091 |
| 2009 | 6     | 8   | 12   | 32     | 53     | 0.3       | 2.6     | 1.77  | 95.4      | 18.3684 | 28.5385 |
| 2009 | 6     | 8   | 12   | 42     | 53     | 0.3       | 2.6     | 1.72  | 94.3      | 18.394  | 27.8257 |
| 2009 | 6     | 8   | 12   | 52     | 53     | 0.3       | 2.6     | 1.77  | 94.5      | 18.394  | 28.5244 |
| 2009 | 6     | 8   | 13   | 2      | 53     | 0.3       | 2.6     | 1.79  | 93.2      | 18.3684 | 28.968  |
| 2009 | 6     | 8   | 13   | 12     | 53     | 0.3       | 2.6     | 1.72  | 94.4      | 18.394  | 27.772  |
| 2009 | 6     | 8   | 13   | 22     | 53     | 0.3       | 2.6     | 1.73  | 94.3      | 18.394  | 27.9332 |
| 2009 | 6     | 8   | 13   | 32     | 53     | 0.3       | 2.6     | 1.71  | 93.6      | 18.394  | 27.5571 |
| 2009 | 6     | 8   | 13   | 42     | 53     | 0.3       | 2.6     | 1.76  | 93.9      | 18.394  | 28.4706 |
| 2009 | 6     | 8   | 13   | 52     | 53     | 0.3       | 2.6     | 1.73  | 95.5      | 18.394  | 27.8795 |
| 2009 | 6     | 8   | 14   | 2      | 53     | 0.3       | 2.6     | 1.72  | 93.9      | 18.394  | 27.772  |
| 2009 | 6     | 8   | 14   | 12     | 53     | 0.3       | 2.6     | 1.74  | 94.9      | 18.394  | 28.0407 |
| 2009 | 6     | 8   | 14   | 22     | 53     | 0.3       | 2.6     | 1.77  | 95.1      | 18.394  | 28.4706 |
| 2009 | 6     | 8   | 14   | 32     | 53     | 0.3       | 2.6     | 1.75  | 92.5      | 18.394  | 28.3632 |
| 2009 | 6     | 8   | 14   | 42     | 53     | 0.3       | 2.6     | 1.74  | 94        | 18.394  | 28.1482 |
| 2009 | 6     | 8   | 14   | 52     | 53     | 0.3       | 2.6     | 1.76  | 93.4      | 18.394  | 28.5244 |
| 2009 | 6     | 8   | 15   | 2      | 53     | 0.3       | 2.6     | 1.77  | 93.9      | 18.394  | 28.5781 |
| 2009 | 6     | 8   | 15   | 12     | 53     | 0.3       | 2.6     | 1.76  | 95.9      | 18.394  | 28.3094 |
| 2009 | 6     | 8   | 15   | 22     | 53     | 0.3       | 2.6     | 1.71  | 92.2      | 18.394  | 27.6645 |
| 2009 | 6     | 8   | 15   | 32     | 53     | 0.3       | 2.6     | 1.72  | 93.3      | 18.394  | 27.772  |
| 2009 | 6     | 8   | 15   | 42     | 53     | 0.3       | 2.6     | 1.75  | 91.9      | 18.394  | 28.3094 |
| 2009 | 6     | 8   | 15   | 52     | 53     | 0.3       | 2.6     | 1.74  | 95.3      | 18.394  | 28.0407 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 8   | 16   | 2      | 53     | 0.3       | 2.6     | 1.72  | 92.8      | 18.394  | 27.772  |
| 2009 | 6     | 8   | 16   | 12     | 53     | 0.3       | 2.6     | 1.74  | 94        | 18.394  | 28.0944 |
| 2009 | 6     | 8   | 16   | 22     | 53     | 0.3       | 2.6     | 1.76  | 93.3      | 18.3684 | 28.4848 |
| 2009 | 6     | 8   | 16   | 32     | 53     | 0.3       | 2.6     | 1.74  | 92.8      | 18.3684 | 28.1628 |
| 2009 | 6     | 8   | 16   | 42     | 53     | 0.3       | 2.6     | 1.71  | 92.1      | 18.394  | 27.6645 |
| 2009 | 6     | 8   | 16   | 52     | 53     | 0.3       | 2.6     | 1.78  | 92.5      | 18.394  | 28.7394 |
| 2009 | 6     | 8   | 17   | 2      | 53     | 0.3       | 2.6     | 1.72  | 94.7      | 18.3684 | 27.6798 |
| 2009 | 6     | 8   | 17   | 12     | 53     | 0.3       | 2.6     | 1.76  | 93        | 18.394  | 28.4169 |
| 2009 | 6     | 8   | 17   | 22     | 53     | 0.3       | 2.6     | 1.74  | 93.2      | 18.3684 | 28.1091 |
| 2009 | 6     | 8   | 17   | 32     | 53     | 0.3       | 2.6     | 1.75  | 93.8      | 18.3684 | 28.1628 |
| 2009 | 6     | 8   | 17   | 42     | 53     | 0.3       | 2.6     | 1.75  | 95.3      | 18.3684 | 28.1091 |
| 2009 | 6     | 8   | 17   | 52     | 53     | 0.3       | 2.6     | 1.74  | 94.7      | 18.3684 | 28.0018 |
| 2009 | 6     | 8   | 18   | 2      | 53     | 0.3       | 2.6     | 1.74  | 93.2      | 18.3684 | 28.1628 |
| 2009 | 6     | 8   | 18   | 12     | 53     | 0.3       | 2.6     | 1.74  | 94.3      | 18.3684 | 28.1091 |
| 2009 | 6     | 8   | 18   | 22     | 53     | 0.3       | 2.6     | 1.77  | 94.5      | 18.3684 | 28.5922 |
| 2009 | 6     | 8   | 18   | 32     | 53     | 0.3       | 2.6     | 1.71  | 94.6      | 18.394  | 27.5571 |
| 2009 | 6     | 8   | 18   | 42     | 53     | 0.3       | 2.6     | 1.76  | 94.2      | 18.3684 | 28.4312 |
| 2009 | 6     | 8   | 18   | 52     | 53     | 0.3       | 2.6     | 1.77  | 93.4      | 18.3684 | 28.5385 |
| 2009 | 6     | 8   | 19   | 2      | 53     | 0.3       | 2.6     | 1.74  | 96.1      | 18.3684 | 28.0018 |
| 2009 | 6     | 8   | 19   | 12     | 53     | 0.3       | 2.6     | 1.73  | 93        | 18.3684 | 28.0018 |
| 2009 | 6     | 8   | 19   | 22     | 53     | 0.3       | 2.6     | 1.75  | 94.7      | 18.3684 | 28.2165 |
| 2009 | 6     | 8   | 19   | 32     | 53     | 0.3       | 2.6     | 1.72  | 90.9      | 18.3684 | 27.7872 |
| 2009 | 6     | 8   | 19   | 42     | 53     | 0.3       | 2.6     | 1.75  | 96.4      | 18.3684 | 28.1628 |
| 2009 | 6     | 8   | 19   | 52     | 53     | 0.3       | 2.6     | 1.72  | 96.2      | 18.3684 | 27.6798 |
| 2009 | 6     | 8   | 20   | 2      | 53     | 0.3       | 2.6     | 1.69  | 92.6      | 18.3684 | 27.3579 |
| 2009 | 6     | 8   | 20   | 12     | 53     | 0.3       | 2.6     | 1.77  | 94.5      | 18.3684 | 28.5922 |
| 2009 | 6     | 8   | 20   | 22     | 53     | 0.3       | 2.6     | 1.75  | 95.9      | 18.3684 | 28.2165 |
| 2009 | 6     | 8   | 20   | 32     | 53     | 0.3       | 2.6     | 1.74  | 94.9      | 18.3427 | 27.9093 |
| 2009 | 6     | 8   | 20   | 42     | 53     | 0.3       | 2.6     | 1.76  | 95.5      | 18.3427 | 28.2309 |
| 2009 | 6     | 8   | 20   | 52     | 53     | 0.3       | 2.6     | 1.72  | 94.4      | 18.3684 | 27.7872 |
| 2009 | 6     | 8   | 21   | 2      | 53     | 0.3       | 2.6     | 1.74  | 95.7      | 18.3427 | 27.9629 |
| 2009 | 6     | 8   | 21   | 12     | 53     | 0.3       | 2.6     | 1.78  | 95.3      | 18.3684 | 28.6996 |
| 2009 | 6     | 8   | 21   | 22     | 53     | 0.3       | 2.6     | 1.75  | 95.6      | 18.3427 | 28.0701 |
| 2009 | 6     | 8   | 21   | 32     | 53     | 0.3       | 2.6     | 1.75  | 92.9      | 18.3427 | 28.2845 |
| 2009 | 6     | 8   | 21   | 42     | 53     | 0.3       | 2.6     | 1.75  | 95.7      | 18.3427 | 28.1773 |
| 2009 | 6     | 8   | 21   | 52     | 53     | 0.3       | 2.6     | 1.77  | 95.1      | 18.3427 | 28.3917 |
| 2009 | 6     | 8   | 22   | 2      | 53     | 0.3       | 2.6     | 1.72  | 95        | 18.3427 | 27.695  |
| 2009 | 6     | 8   | 22   | 12     | 53     | 0.3       | 2.6     | 1.76  | 94.6      | 18.3427 | 28.2845 |
| 2009 | 6     | 8   | 22   | 22     | 53     | 0.3       | 2.6     | 1.72  | 94.6      | 18.3427 | 27.7486 |
| 2009 | 6     | 8   | 22   | 32     | 53     | 0.3       | 2.6     | 1.72  | 95.6      | 18.3171 | 27.603  |
| 2009 | 6     | 8   | 22   | 42     | 53     | 0.3       | 2.6     | 1.73  | 94        | 18.3427 | 27.8022 |
| 2009 | 6     | 8   | 22   | 52     | 53     | 0.3       | 2.6     | 1.77  | 94.9      | 18.3171 | 28.4593 |
| 2009 | 6     | 8   | 23   | 2      | 53     | 0.3       | 2.6     | 1.77  | 94.6      | 18.3171 | 28.4057 |
| 2009 | 6     | 8   | 23   | 12     | 53     | 0.3       | 2.6     | 1.72  | 95.1      | 18.2915 | 27.5646 |
| 2009 | 6     | 8   | 23   | 22     | 53     | 0.3       | 2.6     | 1.75  | 94.8      | 18.2915 | 28.1524 |
| 2009 | 6     | 8   | 23   | 32     | 53     | 0.3       | 2.6     | 1.78  | 93.8      | 18.3171 | 28.6199 |
| 2009 | 6     | 8   | 23   | 42     | 53     | 0.3       | 2.6     | 1.74  | 95.6      | 18.2915 | 27.8318 |
| 2009 | 6     | 8   | 23   | 52     | 53     | 0.3       | 2.6     | 1.76  | 94.8      | 18.2915 | 28.2059 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 9   | 0    | 2      | 53     | 0.3       | 2.6     | 1.73  | 94.9      | 18.2915 | 27.7249 |
| 2009 | 6     | 9   | 0    | 12     | 53     | 0.3       | 2.6     | 1.72  | 95.6      | 18.2915 | 27.618  |
| 2009 | 6     | 9   | 0    | 22     | 53     | 0.3       | 2.6     | 1.75  | 95        | 18.2915 | 28.099  |
| 2009 | 6     | 9   | 0    | 32     | 53     | 0.3       | 2.6     | 1.74  | 93.3      | 18.2915 | 27.8852 |
| 2009 | 6     | 9   | 0    | 42     | 53     | 0.3       | 2.6     | 1.76  | 93.3      | 18.2658 | 28.2733 |
| 2009 | 6     | 9   | 0    | 52     | 53     | 0.3       | 2.6     | 1.79  | 93.2      | 18.2658 | 28.7537 |
| 2009 | 6     | 9   | 1    | 2      | 53     | 0.3       | 2.6     | 1.78  | 95.8      | 18.2658 | 28.4334 |
| 2009 | 6     | 9   | 1    | 12     | 53     | 0.3       | 2.6     | 1.71  | 95.8      | 18.2658 | 27.4194 |
| 2009 | 6     | 9   | 1    | 22     | 53     | 0.3       | 2.6     | 1.67  | 93.3      | 18.2658 | 26.7792 |
| 2009 | 6     | 9   | 1    | 32     | 53     | 0.3       | 2.6     | 1.72  | 93.3      | 18.2658 | 27.5795 |
| 2009 | 6     | 9   | 1    | 42     | 53     | 0.3       | 2.6     | 1.74  | 95.2      | 18.2658 | 27.8463 |
| 2009 | 6     | 9   | 1    | 52     | 53     | 0.3       | 2.6     | 1.74  | 93.6      | 18.2658 | 27.8463 |
| 2009 | 6     | 9   | 2    | 2      | 53     | 0.3       | 2.6     | 1.74  | 94.5      | 18.2658 | 27.9531 |
| 2009 | 6     | 9   | 2    | 12     | 53     | 0.3       | 2.6     | 1.72  | 92.9      | 18.2402 | 27.5943 |
| 2009 | 6     | 9   | 2    | 22     | 53     | 0.3       | 2.6     | 1.75  | 94        | 18.2402 | 28.074  |
| 2009 | 6     | 9   | 2    | 32     | 53     | 0.3       | 2.6     | 1.71  | 94.8      | 18.2402 | 27.3279 |
| 2009 | 6     | 9   | 2    | 42     | 53     | 0.3       | 2.6     | 1.76  | 93.9      | 18.2402 | 28.2339 |
| 2009 | 6     | 9   | 2    | 52     | 53     | 0.3       | 2.6     | 1.71  | 94        | 18.2402 | 27.3812 |
| 2009 | 6     | 9   | 3    | 2      | 53     | 0.3       | 2.6     | 1.74  | 95.3      | 18.2402 | 27.8075 |
| 2009 | 6     | 9   | 3    | 12     | 53     | 0.3       | 2.6     | 1.74  | 95.6      | 18.2402 | 27.7542 |
| 2009 | 6     | 9   | 3    | 22     | 53     | 0.3       | 2.6     | 1.74  | 93        | 18.2146 | 27.8751 |
| 2009 | 6     | 9   | 3    | 32     | 53     | 0.3       | 2.6     | 1.76  | 94.9      | 18.2146 | 28.1944 |
| 2009 | 6     | 9   | 3    | 42     | 53     | 0.3       | 2.6     | 1.78  | 95.4      | 18.2146 | 28.4073 |
| 2009 | 6     | 9   | 3    | 52     | 53     | 0.3       | 2.6     | 1.77  | 95.9      | 18.2146 | 28.3009 |
| 2009 | 6     | 9   | 4    | 2      | 53     | 0.3       | 2.6     | 1.79  | 96.3      | 18.2146 | 28.5138 |
| 2009 | 6     | 9   | 4    | 12     | 53     | 0.3       | 2.6     | 1.75  | 95.7      | 18.2146 | 27.9815 |
| 2009 | 6     | 9   | 4    | 22     | 53     | 0.3       | 2.6     | 1.75  | 93.5      | 18.2146 | 28.0347 |
| 2009 | 6     | 9   | 4    | 32     | 53     | 0.3       | 2.6     | 1.78  | 94.4      | 18.2146 | 28.4073 |
| 2009 | 6     | 9   | 4    | 42     | 53     | 0.3       | 2.6     | 1.72  | 95.1      | 18.189  | 27.411  |
| 2009 | 6     | 9   | 4    | 52     | 53     | 0.3       | 2.6     | 1.76  | 95.9      | 18.189  | 27.9955 |
| 2009 | 6     | 9   | 5    | 2      | 53     | 0.3       | 2.6     | 1.75  | 96.7      | 18.189  | 27.8361 |
| 2009 | 6     | 9   | 5    | 12     | 53     | 0.3       | 2.6     | 1.74  | 92.6      | 18.189  | 27.8892 |
| 2009 | 6     | 9   | 5    | 22     | 53     | 0.3       | 2.6     | 1.76  | 96.5      | 18.189  | 27.9424 |
| 2009 | 6     | 9   | 5    | 32     | 53     | 0.3       | 2.6     | 1.74  | 97.2      | 18.189  | 27.6767 |
| 2009 | 6     | 9   | 5    | 42     | 53     | 0.3       | 2.6     | 1.77  | 94.2      | 18.189  | 28.2081 |
| 2009 | 6     | 9   | 5    | 52     | 53     | 0.3       | 2.6     | 1.75  | 93.2      | 18.189  | 27.9955 |
| 2009 | 6     | 9   | 6    | 2      | 53     | 0.3       | 2.6     | 1.77  | 95.2      | 18.189  | 28.2613 |
| 2009 | 6     | 9   | 6    | 12     | 53     | 0.3       | 2.6     | 1.72  | 93.6      | 18.189  | 27.411  |
| 2009 | 6     | 9   | 6    | 22     | 53     | 0.3       | 2.6     | 1.72  | 95.4      | 18.1634 | 27.3195 |
| 2009 | 6     | 9   | 6    | 32     | 53     | 0.3       | 2.6     | 1.74  | 93.6      | 18.1634 | 27.744  |
| 2009 | 6     | 9   | 6    | 42     | 53     | 0.3       | 2.6     | 1.69  | 94.8      | 18.1634 | 26.9481 |
| 2009 | 6     | 9   | 6    | 52     | 53     | 0.3       | 2.6     | 1.73  | 93.2      | 18.1634 | 27.5848 |
| 2009 | 6     | 9   | 7    | 2      | 53     | 0.3       | 2.6     | 1.75  | 94.8      | 18.1634 | 27.9563 |
| 2009 | 6     | 9   | 7    | 12     | 53     | 0.3       | 2.6     | 1.77  | 95.9      | 18.1634 | 28.1156 |
| 2009 | 6     | 9   | 7    | 22     | 53     | 0.3       | 2.6     | 1.74  | 94        | 18.1634 | 27.691  |
| 2009 | 6     | 9   | 7    | 32     | 53     | 0.3       | 2.6     | 1.76  | 95.6      | 18.1634 | 27.9563 |
| 2009 | 6     | 9   | 7    | 42     | 53     | 0.3       | 2.6     | 1.75  | 93.7      | 18.1378 | 27.8111 |
| 2009 | 6     | 9   | 7    | 52     | 53     | 0.3       | 2.6     | 1.74  | 95.1      | 18.1378 | 27.7051 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 9   | 8    | 2      | 53     | 0.3       | 2.6     | 1.76  | 94.5      | 18.1378 | 27.9701 |
| 2009 | 6     | 9   | 8    | 12     | 53     | 0.3       | 2.6     | 1.76  | 95.3      | 18.1378 | 28.0231 |
| 2009 | 6     | 9   | 8    | 22     | 53     | 0.3       | 2.6     | 1.75  | 94.8      | 18.1378 | 27.8641 |
| 2009 | 6     | 9   | 8    | 32     | 53     | 0.3       | 2.6     | 1.75  | 92.7      | 18.1378 | 27.9171 |
| 2009 | 6     | 9   | 8    | 42     | 53     | 0.3       | 2.6     | 1.75  | 94.5      | 18.1378 | 27.9171 |
| 2009 | 6     | 9   | 8    | 52     | 53     | 0.3       | 2.6     | 1.67  | 92.4      | 18.1378 | 26.6455 |
| 2009 | 6     | 9   | 9    | 2      | 53     | 0.3       | 2.6     | 1.74  | 94.7      | 18.1378 | 27.6521 |
| 2009 | 6     | 9   | 9    | 12     | 53     | 0.3       | 2.6     | 1.73  | 93.3      | 18.1378 | 27.5991 |
| 2009 | 6     | 9   | 9    | 22     | 53     | 0.3       | 2.6     | 1.72  | 95.4      | 18.1378 | 27.3342 |
| 2009 | 6     | 9   | 9    | 32     | 53     | 0.3       | 2.6     | 1.72  | 95.4      | 18.1378 | 27.3342 |
| 2009 | 6     | 9   | 9    | 42     | 53     | 0.3       | 2.6     | 1.75  | 93.7      | 18.1378 | 27.8111 |
| 2009 | 6     | 9   | 9    | 52     | 53     | 0.3       | 2.6     | 1.77  | 94.7      | 18.1378 | 28.1821 |
| 2009 | 6     | 9   | 10   | 2      | 53     | 0.3       | 2.6     | 1.74  | 94.5      | 18.1122 | 27.6662 |
| 2009 | 6     | 9   | 10   | 12     | 53     | 0.3       | 2.6     | 1.74  | 93.9      | 18.1122 | 27.6133 |
| 2009 | 6     | 9   | 10   | 22     | 53     | 0.3       | 2.6     | 1.79  | 95.4      | 18.1122 | 28.4072 |
| 2009 | 6     | 9   | 10   | 32     | 53     | 0.3       | 2.6     | 1.77  | 95.7      | 18.1122 | 28.0896 |
| 2009 | 6     | 9   | 10   | 42     | 53     | 0.3       | 2.6     | 1.74  | 97.4      | 18.1122 | 27.5604 |
| 2009 | 6     | 9   | 10   | 52     | 53     | 0.3       | 2.6     | 1.72  | 93.7      | 18.1122 | 27.2958 |
| 2009 | 6     | 9   | 11   | 2      | 53     | 0.3       | 2.6     | 1.71  | 96.8      | 18.1122 | 27.0842 |
| 2009 | 6     | 9   | 11   | 12     | 53     | 0.3       | 2.6     | 1.71  | 92.2      | 18.1122 | 27.2429 |
| 2009 | 6     | 9   | 11   | 22     | 53     | 0.3       | 2.6     | 1.71  | 94.2      | 18.1122 | 27.2429 |
| 2009 | 6     | 9   | 11   | 32     | 53     | 0.3       | 2.6     | 1.76  | 93.5      | 18.1122 | 27.9309 |
| 2009 | 6     | 9   | 11   | 42     | 53     | 0.3       | 2.6     | 1.75  | 93        | 18.1122 | 27.8779 |
| 2009 | 6     | 9   | 11   | 52     | 53     | 0.3       | 2.6     | 1.73  | 93.6      | 18.1122 | 27.5604 |
| 2009 | 6     | 9   | 12   | 2      | 53     | 0.3       | 2.6     | 1.77  | 95.2      | 18.1122 | 28.0896 |
| 2009 | 6     | 9   | 12   | 12     | 53     | 0.3       | 2.6     | 1.76  | 95        | 18.1122 | 27.9838 |
| 2009 | 6     | 9   | 12   | 22     | 53     | 0.3       | 2.6     | 1.75  | 94.8      | 18.0866 | 27.733  |
| 2009 | 6     | 9   | 12   | 32     | 53     | 0.3       | 2.6     | 1.74  | 96.2      | 18.0866 | 27.5745 |
| 2009 | 6     | 9   | 12   | 42     | 53     | 0.3       | 2.6     | 1.74  | 93.5      | 18.0866 | 27.5745 |
| 2009 | 6     | 9   | 12   | 52     | 53     | 0.3       | 2.6     | 1.72  | 94.7      | 18.0866 | 27.3631 |
| 2009 | 6     | 9   | 13   | 2      | 53     | 0.3       | 2.6     | 1.74  | 95.2      | 18.061  | 27.4829 |
| 2009 | 6     | 9   | 13   | 12     | 53     | 0.3       | 2.6     | 1.68  | 93.7      | 18.061  | 26.6915 |
| 2009 | 6     | 9   | 13   | 22     | 53     | 0.3       | 2.6     | 1.7   | 96.2      | 18.061  | 26.797  |
| 2009 | 6     | 9   | 13   | 32     | 53     | 0.3       | 2.6     | 1.74  | 93.9      | 18.061  | 27.5357 |
| 2009 | 6     | 9   | 13   | 42     | 53     | 0.3       | 2.6     | 1.72  | 93        | 18.061  | 27.2719 |
| 2009 | 6     | 9   | 13   | 52     | 53     | 0.3       | 2.6     | 1.77  | 94.9      | 18.0354 | 28.0239 |
| 2009 | 6     | 9   | 14   | 2      | 53     | 0.3       | 2.6     | 1.68  | 92.2      | 18.061  | 26.6388 |
| 2009 | 6     | 9   | 14   | 12     | 53     | 0.3       | 2.6     | 1.71  | 95.2      | 18.0098 | 26.9846 |
| 2009 | 6     | 9   | 14   | 22     | 53     | 0.3       | 2.6     | 1.68  | 90.4      | 18.0354 | 26.7066 |
| 2009 | 6     | 9   | 14   | 32     | 53     | 0.3       | 2.6     | 1.71  | 90.1      | 18.0098 | 27.0898 |
| 2009 | 6     | 9   | 14   | 42     | 53     | 0.3       | 2.6     | 1.7   | 95.4      | 18.0098 | 26.8267 |
| 2009 | 6     | 9   | 14   | 52     | 53     | 0.3       | 2.6     | 1.75  | 94.3      | 17.9842 | 27.577  |
| 2009 | 6     | 9   | 15   | 2      | 53     | 0.3       | 2.6     | 1.71  | 93        | 18.0098 | 26.9846 |
| 2009 | 6     | 9   | 15   | 12     | 53     | 0.3       | 2.6     | 1.72  | 94.8      | 17.9842 | 27.0515 |
| 2009 | 6     | 9   | 15   | 22     | 53     | 0.3       | 2.6     | 1.73  | 93.8      | 17.9842 | 27.2617 |
| 2009 | 6     | 9   | 15   | 32     | 53     | 0.3       | 2.6     | 1.71  | 93        | 17.9842 | 26.9465 |
| 2009 | 6     | 9   | 15   | 42     | 53     | 0.3       | 2.6     | 1.72  | 92.5      | 17.9842 | 27.2617 |
| 2009 | 6     | 9   | 15   | 52     | 53     | 0.3       | 2.6     | 1.66  | 93.9      | 17.9587 | 26.174  |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 9   | 16   | 2      | 53     | 0.3       | 2.6     | 1.75  | 93.7      | 17.9842 | 27.6295 |
| 2009 | 6     | 9   | 16   | 12     | 53     | 0.3       | 2.6     | 1.72  | 94.7      | 17.9587 | 27.0657 |
| 2009 | 6     | 9   | 16   | 22     | 53     | 0.3       | 2.6     | 1.73  | 94.7      | 17.9587 | 27.2231 |
| 2009 | 6     | 9   | 16   | 32     | 53     | 0.3       | 2.6     | 1.71  | 94        | 17.9587 | 26.9083 |
| 2009 | 6     | 9   | 16   | 42     | 53     | 0.3       | 2.6     | 1.68  | 93.5      | 17.9587 | 26.4362 |
| 2009 | 6     | 9   | 16   | 52     | 53     | 0.3       | 2.6     | 1.71  | 92.2      | 17.9331 | 27.0274 |
| 2009 | 6     | 9   | 17   | 2      | 53     | 0.3       | 2.6     | 1.77  | 94.1      | 17.9331 | 27.9182 |
| 2009 | 6     | 9   | 17   | 12     | 53     | 0.3       | 2.6     | 1.77  | 92.2      | 17.9331 | 27.9706 |
| 2009 | 6     | 9   | 17   | 22     | 53     | 0.3       | 2.6     | 1.75  | 95.1      | 17.9331 | 27.4466 |
| 2009 | 6     | 9   | 17   | 32     | 53     | 0.3       | 2.6     | 1.73  | 94.8      | 17.9331 | 27.1846 |
| 2009 | 6     | 9   | 17   | 42     | 53     | 0.3       | 2.6     | 1.75  | 93.2      | 17.9331 | 27.6038 |
| 2009 | 6     | 9   | 17   | 52     | 53     | 0.3       | 2.6     | 1.72  | 93.8      | 17.9331 | 27.1322 |
| 2009 | 6     | 9   | 18   | 2      | 53     | 0.3       | 2.6     | 1.78  | 94.4      | 17.9331 | 27.9706 |
| 2009 | 6     | 9   | 18   | 12     | 53     | 0.3       | 2.6     | 1.72  | 94.8      | 17.9331 | 27.0798 |
| 2009 | 6     | 9   | 18   | 22     | 53     | 0.3       | 2.6     | 1.72  | 93.3      | 17.9331 | 27.1322 |
| 2009 | 6     | 9   | 18   | 32     | 53     | 0.3       | 2.6     | 1.76  | 93.4      | 17.9331 | 27.6562 |
| 2009 | 6     | 9   | 18   | 42     | 53     | 0.3       | 2.6     | 1.72  | 95        | 17.9331 | 26.975  |
| 2009 | 6     | 9   | 18   | 52     | 53     | 0.3       | 2.6     | 1.76  | 96.8      | 17.9331 | 27.5514 |
| 2009 | 6     | 9   | 19   | 2      | 53     | 0.3       | 2.6     | 1.73  | 94.6      | 17.9331 | 27.1846 |
| 2009 | 6     | 9   | 19   | 12     | 53     | 0.3       | 2.6     | 1.69  | 94.6      | 17.9331 | 26.5559 |
| 2009 | 6     | 9   | 19   | 22     | 53     | 0.3       | 2.6     | 1.71  | 94.1      | 17.9331 | 26.9226 |
| 2009 | 6     | 9   | 19   | 32     | 53     | 0.3       | 2.6     | 1.74  | 94.7      | 17.9331 | 27.3418 |
| 2009 | 6     | 9   | 19   | 42     | 53     | 0.3       | 2.6     | 1.72  | 95.4      | 17.9331 | 27.0798 |
| 2009 | 6     | 9   | 19   | 52     | 53     | 0.3       | 2.6     | 1.76  | 96.6      | 17.9331 | 27.6038 |
| 2009 | 6     | 9   | 20   | 2      | 53     | 0.3       | 2.6     | 1.72  | 95.4      | 17.9331 | 26.975  |
| 2009 | 6     | 9   | 20   | 12     | 53     | 0.3       | 2.6     | 1.74  | 93.2      | 17.9331 | 27.3942 |
| 2009 | 6     | 9   | 20   | 22     | 53     | 0.3       | 2.6     | 1.74  | 93.8      | 17.9331 | 27.3418 |
| 2009 | 6     | 9   | 20   | 32     | 53     | 0.3       | 2.6     | 1.72  | 94.6      | 17.9331 | 27.0274 |
| 2009 | 6     | 9   | 20   | 42     | 53     | 0.3       | 2.6     | 1.75  | 95.6      | 17.9331 | 27.5514 |
| 2009 | 6     | 9   | 20   | 52     | 53     | 0.3       | 2.6     | 1.71  | 94        | 17.9331 | 26.8702 |
| 2009 | 6     | 9   | 21   | 2      | 53     | 0.3       | 2.6     | 1.74  | 94.5      | 17.9331 | 27.3418 |
| 2009 | 6     | 9   | 21   | 12     | 53     | 0.3       | 2.6     | 1.74  | 93.9      | 17.9331 | 27.4466 |
| 2009 | 6     | 9   | 21   | 22     | 53     | 0.3       | 2.6     | 1.71  | 94.6      | 17.9331 | 26.8179 |
| 2009 | 6     | 9   | 21   | 32     | 53     | 0.3       | 2.6     | 1.73  | 95.4      | 17.9331 | 27.1846 |
| 2009 | 6     | 9   | 21   | 42     | 53     | 0.3       | 2.6     | 1.69  | 95.8      | 17.9331 | 26.5036 |
| 2009 | 6     | 9   | 21   | 52     | 53     | 0.3       | 2.6     | 1.71  | 95.3      | 17.9331 | 26.8702 |
| 2009 | 6     | 9   | 22   | 2      | 53     | 0.3       | 2.6     | 1.76  | 94.2      | 17.9331 | 27.761  |
| 2009 | 6     | 9   | 22   | 12     | 53     | 0.3       | 2.6     | 1.72  | 95.4      | 17.9331 | 26.975  |
| 2009 | 6     | 9   | 22   | 22     | 53     | 0.3       | 2.6     | 1.76  | 94.3      | 17.9331 | 27.7086 |
| 2009 | 6     | 9   | 22   | 32     | 53     | 0.3       | 2.6     | 1.75  | 95        | 17.9331 | 27.499  |
| 2009 | 6     | 9   | 22   | 42     | 53     | 0.3       | 2.6     | 1.72  | 95.9      | 17.9076 | 26.8845 |
| 2009 | 6     | 9   | 22   | 52     | 53     | 0.3       | 2.6     | 1.73  | 95.1      | 17.9331 | 27.1846 |
| 2009 | 6     | 9   | 23   | 2      | 53     | 0.3       | 2.6     | 1.72  | 97        | 17.9331 | 26.8702 |
| 2009 | 6     | 9   | 23   | 12     | 53     | 0.3       | 2.6     | 1.71  | 95.2      | 17.9076 | 26.8845 |
| 2009 | 6     | 9   | 23   | 22     | 53     | 0.3       | 2.6     | 1.74  | 95.5      | 17.9076 | 27.2507 |
| 2009 | 6     | 9   | 23   | 32     | 53     | 0.3       | 2.6     | 1.77  | 95.2      | 17.9076 | 27.7216 |
| 2009 | 6     | 9   | 23   | 42     | 53     | 0.3       | 2.6     | 1.76  | 95        | 17.9331 | 27.7086 |
| 2009 | 6     | 9   | 23   | 52     | 53     | 0.3       | 2.6     | 1.76  | 94.6      | 17.9076 | 27.7216 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 10  | 0    | 2      | 53     | 0.3       | 2.6     | 1.74  | 94.3      | 17.9076 | 27.303  |
| 2009 | 6     | 10  | 0    | 12     | 53     | 0.3       | 2.6     | 1.74  | 95.1      | 17.9076 | 27.2507 |
| 2009 | 6     | 10  | 0    | 22     | 53     | 0.3       | 2.6     | 1.73  | 92.5      | 17.9076 | 27.1984 |
| 2009 | 6     | 10  | 0    | 32     | 53     | 0.3       | 2.6     | 1.74  | 95.2      | 17.9076 | 27.2507 |
| 2009 | 6     | 10  | 0    | 42     | 53     | 0.3       | 2.6     | 1.72  | 96.1      | 17.9076 | 26.8845 |
| 2009 | 6     | 10  | 0    | 52     | 53     | 0.3       | 2.6     | 1.75  | 94.6      | 17.9076 | 27.46   |
| 2009 | 6     | 10  | 1    | 2      | 53     | 0.3       | 2.6     | 1.75  | 93.9      | 17.9076 | 27.46   |
| 2009 | 6     | 10  | 1    | 12     | 53     | 0.3       | 2.6     | 1.76  | 91.4      | 17.9076 | 27.7216 |
| 2009 | 6     | 10  | 1    | 22     | 53     | 0.3       | 2.6     | 1.75  | 96.5      | 17.9076 | 27.3553 |
| 2009 | 6     | 10  | 1    | 32     | 53     | 0.3       | 2.6     | 1.75  | 94.1      | 17.9076 | 27.5123 |
| 2009 | 6     | 10  | 1    | 42     | 53     | 0.3       | 2.6     | 1.72  | 93.8      | 17.9076 | 27.0414 |
| 2009 | 6     | 10  | 1    | 52     | 53     | 0.3       | 2.6     | 1.72  | 92        | 17.9076 | 27.146  |
| 2009 | 6     | 10  | 2    | 2      | 53     | 0.3       | 2.6     | 1.76  | 95.5      | 17.9076 | 27.617  |
| 2009 | 6     | 10  | 2    | 12     | 53     | 0.3       | 2.6     | 1.71  | 94.3      | 17.882  | 26.8463 |
| 2009 | 6     | 10  | 2    | 22     | 53     | 0.3       | 2.6     | 1.71  | 92.5      | 17.882  | 26.8463 |
| 2009 | 6     | 10  | 2    | 32     | 53     | 0.3       | 2.6     | 1.73  | 96        | 17.882  | 27.0553 |
| 2009 | 6     | 10  | 2    | 42     | 53     | 0.3       | 2.6     | 1.72  | 93.6      | 17.882  | 27.003  |
| 2009 | 6     | 10  | 2    | 52     | 53     | 0.3       | 2.6     | 1.72  | 94.5      | 17.882  | 27.0553 |
| 2009 | 6     | 10  | 3    | 2      | 53     | 0.3       | 2.6     | 1.73  | 94.7      | 17.882  | 27.1075 |
| 2009 | 6     | 10  | 3    | 12     | 53     | 0.3       | 2.6     | 1.75  | 93.5      | 17.882  | 27.5255 |
| 2009 | 6     | 10  | 3    | 22     | 53     | 0.3       | 2.6     | 1.72  | 93.5      | 17.882  | 26.9508 |
| 2009 | 6     | 10  | 3    | 32     | 53     | 0.3       | 2.6     | 1.73  | 93.8      | 17.882  | 27.1075 |
| 2009 | 6     | 10  | 3    | 42     | 53     | 0.3       | 2.6     | 1.76  | 93.8      | 17.882  | 27.63   |
| 2009 | 6     | 10  | 3    | 52     | 53     | 0.3       | 2.6     | 1.71  | 92.6      | 17.882  | 26.9508 |
| 2009 | 6     | 10  | 4    | 2      | 53     | 0.3       | 2.6     | 1.73  | 94        | 17.882  | 27.1598 |
| 2009 | 6     | 10  | 4    | 12     | 53     | 0.3       | 2.6     | 1.76  | 94.6      | 17.882  | 27.5778 |
| 2009 | 6     | 10  | 4    | 22     | 53     | 0.3       | 2.6     | 1.77  | 94        | 17.882  | 27.8391 |
| 2009 | 6     | 10  | 4    | 32     | 53     | 0.3       | 2.6     | 1.74  | 96.8      | 17.882  | 27.2642 |
| 2009 | 6     | 10  | 4    | 42     | 53     | 0.3       | 2.6     | 1.73  | 96        | 17.8564 | 26.9646 |
| 2009 | 6     | 10  | 4    | 52     | 53     | 0.3       | 2.6     | 1.72  | 94.4      | 17.8564 | 27.0168 |
| 2009 | 6     | 10  | 5    | 2      | 53     | 0.3       | 2.6     | 1.72  | 95.1      | 17.8564 | 26.9646 |
| 2009 | 6     | 10  | 5    | 12     | 53     | 0.3       | 2.6     | 1.72  | 93.7      | 17.8564 | 26.9646 |
| 2009 | 6     | 10  | 5    | 22     | 53     | 0.3       | 2.6     | 1.74  | 94.1      | 17.8564 | 27.2255 |
| 2009 | 6     | 10  | 5    | 32     | 53     | 0.3       | 2.6     | 1.73  | 94        | 17.8564 | 27.1212 |
| 2009 | 6     | 10  | 5    | 42     | 53     | 0.3       | 2.6     | 1.74  | 95.7      | 17.8564 | 27.2777 |
| 2009 | 6     | 10  | 5    | 52     | 53     | 0.3       | 2.6     | 1.73  | 93        | 17.8564 | 27.1733 |
| 2009 | 6     | 10  | 6    | 2      | 53     | 0.3       | 2.6     | 1.72  | 92.6      | 17.8564 | 27.0168 |
| 2009 | 6     | 10  | 6    | 12     | 53     | 0.3       | 2.6     | 1.73  | 94.9      | 17.8564 | 27.069  |
| 2009 | 6     | 10  | 6    | 22     | 53     | 0.3       | 2.6     | 1.76  | 93        | 17.8564 | 27.6429 |
| 2009 | 6     | 10  | 6    | 32     | 53     | 0.3       | 2.6     | 1.73  | 93.6      | 17.8564 | 27.069  |
| 2009 | 6     | 10  | 6    | 42     | 53     | 0.3       | 2.6     | 1.74  | 93.6      | 17.8564 | 27.2777 |
| 2009 | 6     | 10  | 6    | 52     | 53     | 0.3       | 2.6     | 1.69  | 94.2      | 17.8564 | 26.5473 |
| 2009 | 6     | 10  | 7    | 2      | 53     | 0.3       | 2.6     | 1.73  | 92.6      | 17.8564 | 27.2255 |
| 2009 | 6     | 10  | 7    | 12     | 53     | 0.3       | 2.6     | 1.73  | 93.5      | 17.8564 | 27.069  |
| 2009 | 6     | 10  | 7    | 22     | 53     | 0.3       | 2.6     | 1.77  | 94.5      | 17.8309 | 27.6557 |
| 2009 | 6     | 10  | 7    | 32     | 53     | 0.3       | 2.6     | 1.7   | 93.7      | 17.8309 | 26.5616 |
| 2009 | 6     | 10  | 7    | 42     | 53     | 0.3       | 2.6     | 1.75  | 93.3      | 17.8309 | 27.3952 |
| 2009 | 6     | 10  | 7    | 52     | 53     | 0.3       | 2.6     | 1.73  | 94.7      | 17.8309 | 27.1347 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 10  | 8    | 2      | 53     | 0.3       | 2.6     | 1.71  | 93        | 17.8309 | 26.8221 |
| 2009 | 6     | 10  | 8    | 12     | 53     | 0.3       | 2.6     | 1.75  | 95.3      | 17.8309 | 27.291  |
| 2009 | 6     | 10  | 8    | 22     | 53     | 0.3       | 2.6     | 1.73  | 94.7      | 17.8309 | 27.1347 |
| 2009 | 6     | 10  | 8    | 32     | 53     | 0.3       | 2.6     | 1.71  | 93.3      | 17.8309 | 26.8221 |
| 2009 | 6     | 10  | 8    | 42     | 53     | 0.3       | 2.6     | 1.74  | 95.1      | 17.8309 | 27.2389 |
| 2009 | 6     | 10  | 8    | 52     | 53     | 0.3       | 2.6     | 1.73  | 94.8      | 17.8309 | 26.9784 |
| 2009 | 6     | 10  | 9    | 2      | 53     | 0.3       | 2.6     | 1.74  | 93        | 17.8309 | 27.3431 |
| 2009 | 6     | 10  | 9    | 12     | 53     | 0.3       | 2.6     | 1.74  | 93        | 17.8309 | 27.3431 |
| 2009 | 6     | 10  | 9    | 22     | 53     | 0.3       | 2.6     | 1.75  | 94.8      | 17.8309 | 27.3431 |
| 2009 | 6     | 10  | 9    | 32     | 53     | 0.3       | 2.6     | 1.74  | 93.6      | 17.8309 | 27.2389 |
| 2009 | 6     | 10  | 9    | 42     | 53     | 0.3       | 2.6     | 1.73  | 94.4      | 17.8309 | 27.1347 |
| 2009 | 6     | 10  | 9    | 52     | 53     | 0.3       | 2.6     | 1.75  | 94.5      | 17.8309 | 27.4473 |
| 2009 | 6     | 10  | 10   | 2      | 53     | 0.3       | 2.6     | 1.74  | 93.2      | 17.8309 | 27.3431 |
| 2009 | 6     | 10  | 10   | 12     | 53     | 0.3       | 2.6     | 1.72  | 94.4      | 17.8309 | 26.8742 |
| 2009 | 6     | 10  | 10   | 22     | 53     | 0.3       | 2.6     | 1.74  | 93.5      | 17.8309 | 27.2389 |
| 2009 | 6     | 10  | 10   | 32     | 53     | 0.3       | 2.6     | 1.71  | 92.5      | 17.8309 | 26.8742 |
| 2009 | 6     | 10  | 10   | 42     | 53     | 0.3       | 2.6     | 1.78  | 95.7      | 17.8309 | 27.812  |
| 2009 | 6     | 10  | 10   | 52     | 53     | 0.3       | 2.6     | 1.73  | 93.4      | 17.8309 | 27.0305 |
| 2009 | 6     | 10  | 11   | 2      | 53     | 0.3       | 2.6     | 1.7   | 91.9      | 17.8309 | 26.6137 |
| 2009 | 6     | 10  | 11   | 12     | 53     | 0.3       | 2.6     | 1.73  | 93.1      | 17.8309 | 27.1868 |
| 2009 | 6     | 10  | 11   | 22     | 53     | 0.3       | 2.6     | 1.68  | 95.5      | 17.8309 | 26.2491 |
| 2009 | 6     | 10  | 11   | 32     | 53     | 0.3       | 2.6     | 1.71  | 94.1      | 17.8309 | 26.7179 |
| 2009 | 6     | 10  | 11   | 42     | 53     | 0.3       | 2.6     | 1.74  | 93.5      | 17.8309 | 27.2389 |
| 2009 | 6     | 10  | 11   | 52     | 53     | 0.3       | 2.6     | 1.7   | 93.5      | 17.8309 | 26.6658 |
| 2009 | 6     | 10  | 12   | 2      | 53     | 0.3       | 2.6     | 1.77  | 94.8      | 17.8309 | 27.7078 |
| 2009 | 6     | 10  | 12   | 12     | 53     | 0.3       | 2.6     | 1.79  | 92.6      | 17.8309 | 28.0205 |
| 2009 | 6     | 10  | 12   | 22     | 53     | 0.3       | 2.6     | 1.7   | 93.8      | 17.8309 | 26.6658 |
| 2009 | 6     | 10  | 12   | 32     | 53     | 0.3       | 2.6     | 1.75  | 94.7      | 17.8309 | 27.3431 |
| 2009 | 6     | 10  | 12   | 42     | 53     | 0.3       | 2.6     | 1.72  | 93.9      | 17.8309 | 26.9784 |
| 2009 | 6     | 10  | 12   | 52     | 53     | 0.3       | 2.6     | 1.75  | 94.4      | 17.8309 | 27.3431 |
| 2009 | 6     | 10  | 13   | 2      | 53     | 0.3       | 2.6     | 1.71  | 94.4      | 17.8309 | 26.77   |
| 2009 | 6     | 10  | 13   | 12     | 53     | 0.3       | 2.6     | 1.72  | 92.5      | 17.8309 | 27.0305 |
| 2009 | 6     | 10  | 13   | 22     | 53     | 0.3       | 2.6     | 1.72  | 91.6      | 17.8309 | 26.9263 |
| 2009 | 6     | 10  | 13   | 32     | 53     | 0.3       | 2.6     | 1.7   | 93.1      | 17.8309 | 26.6658 |
| 2009 | 6     | 10  | 13   | 42     | 53     | 0.3       | 2.6     | 1.71  | 94        | 17.8309 | 26.7179 |
| 2009 | 6     | 10  | 13   | 52     | 53     | 0.3       | 2.6     | 1.73  | 94.5      | 17.8309 | 27.0305 |
| 2009 | 6     | 10  | 14   | 2      | 53     | 0.3       | 2.6     | 1.74  | 94.2      | 17.8309 | 27.291  |
| 2009 | 6     | 10  | 14   | 12     | 53     | 0.3       | 2.6     | 1.74  | 93.6      | 17.8309 | 27.291  |
| 2009 | 6     | 10  | 14   | 22     | 53     | 0.3       | 2.6     | 1.71  | 93.7      | 17.8309 | 26.8221 |
| 2009 | 6     | 10  | 14   | 32     | 53     | 0.3       | 2.6     | 1.73  | 93.6      | 17.8309 | 27.1347 |
| 2009 | 6     | 10  | 14   | 42     | 53     | 0.3       | 2.6     | 1.74  | 92.9      | 17.8309 | 27.291  |
| 2009 | 6     | 10  | 14   | 52     | 53     | 0.3       | 2.6     | 1.72  | 93.3      | 17.8309 | 26.9784 |
| 2009 | 6     | 10  | 15   | 2      | 53     | 0.3       | 2.6     | 1.74  | 94.2      | 17.8309 | 27.291  |
| 2009 | 6     | 10  | 15   | 12     | 53     | 0.3       | 2.6     | 1.72  | 93.4      | 17.8309 | 26.9263 |
| 2009 | 6     | 10  | 15   | 22     | 53     | 0.3       | 2.6     | 1.74  | 93.1      | 17.8309 | 27.291  |
| 2009 | 6     | 10  | 15   | 32     | 53     | 0.3       | 2.6     | 1.69  | 93.7      | 17.8309 | 26.5096 |
| 2009 | 6     | 10  | 15   | 42     | 53     | 0.3       | 2.6     | 1.68  | 94        | 17.8309 | 26.3533 |
| 2009 | 6     | 10  | 15   | 52     | 53     | 0.3       | 2.6     | 1.73  | 94.9      | 17.8309 | 26.9784 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 10  | 16   | 2      | 53     | 0.3       | 2.6     | 1.71  | 95.1      | 17.8309 | 26.7179 |
| 2009 | 6     | 10  | 16   | 12     | 53     | 0.3       | 2.6     | 1.74  | 95.5      | 17.8309 | 27.1347 |
| 2009 | 6     | 10  | 16   | 22     | 53     | 0.3       | 2.6     | 1.76  | 94.2      | 17.8309 | 27.5515 |
| 2009 | 6     | 10  | 16   | 32     | 53     | 0.3       | 2.6     | 1.72  | 94.9      | 17.8309 | 26.9263 |
| 2009 | 6     | 10  | 16   | 42     | 53     | 0.3       | 2.6     | 1.7   | 94.9      | 17.8309 | 26.6137 |
| 2009 | 6     | 10  | 16   | 52     | 53     | 0.3       | 2.6     | 1.77  | 94        | 17.8309 | 27.7078 |
| 2009 | 6     | 10  | 17   | 2      | 53     | 0.3       | 2.6     | 1.72  | 92.1      | 17.8309 | 27.0305 |
| 2009 | 6     | 10  | 17   | 12     | 53     | 0.3       | 2.6     | 1.74  | 94.2      | 17.8309 | 27.1868 |
| 2009 | 6     | 10  | 17   | 22     | 53     | 0.3       | 2.6     | 1.71  | 92.6      | 17.8309 | 26.8742 |
| 2009 | 6     | 10  | 17   | 32     | 53     | 0.3       | 2.6     | 1.74  | 93.8      | 17.8309 | 27.291  |
| 2009 | 6     | 10  | 17   | 42     | 53     | 0.3       | 2.6     | 1.8   | 94.9      | 17.8309 | 28.1769 |
| 2009 | 6     | 10  | 17   | 52     | 53     | 0.3       | 2.6     | 1.73  | 91.4      | 17.8309 | 27.1347 |
| 2009 | 6     | 10  | 18   | 2      | 53     | 0.3       | 2.6     | 1.72  | 92.5      | 17.8309 | 26.9263 |
| 2009 | 6     | 10  | 18   | 12     | 53     | 0.3       | 2.6     | 1.75  | 94.4      | 17.8309 | 27.4473 |
| 2009 | 6     | 10  | 18   | 22     | 53     | 0.3       | 2.6     | 1.76  | 93.3      | 17.8309 | 27.6036 |
| 2009 | 6     | 10  | 18   | 32     | 53     | 0.3       | 2.6     | 1.74  | 95.6      | 17.8309 | 27.1347 |
| 2009 | 6     | 10  | 18   | 42     | 53     | 0.3       | 2.6     | 1.74  | 93.4      | 17.8309 | 27.1868 |
| 2009 | 6     | 10  | 18   | 52     | 53     | 0.3       | 2.6     | 1.74  | 93        | 17.8309 | 27.3431 |
| 2009 | 6     | 10  | 19   | 2      | 53     | 0.3       | 2.6     | 1.69  | 93.9      | 17.8309 | 26.5096 |
| 2009 | 6     | 10  | 19   | 12     | 53     | 0.3       | 2.6     | 1.73  | 94.7      | 17.8564 | 27.1733 |
| 2009 | 6     | 10  | 19   | 22     | 53     | 0.3       | 2.6     | 1.72  | 94.8      | 17.8564 | 26.9125 |
| 2009 | 6     | 10  | 19   | 32     | 53     | 0.3       | 2.6     | 1.74  | 94.8      | 17.8564 | 27.2777 |
| 2009 | 6     | 10  | 19   | 42     | 53     | 0.3       | 2.6     | 1.73  | 93.1      | 17.8564 | 27.1733 |
| 2009 | 6     | 10  | 19   | 52     | 53     | 0.3       | 2.6     | 1.73  | 93        | 17.8564 | 27.2255 |
| 2009 | 6     | 10  | 20   | 2      | 53     | 0.3       | 2.6     | 1.7   | 92.5      | 17.8564 | 26.6516 |
| 2009 | 6     | 10  | 20   | 12     | 53     | 0.3       | 2.6     | 1.72  | 93.2      | 17.8564 | 26.9646 |
| 2009 | 6     | 10  | 20   | 22     | 53     | 0.3       | 2.6     | 1.78  | 92        | 17.8564 | 27.9561 |
| 2009 | 6     | 10  | 20   | 32     | 53     | 0.3       | 2.6     | 1.72  | 95.8      | 17.8564 | 26.9125 |
| 2009 | 6     | 10  | 20   | 42     | 53     | 0.3       | 2.6     | 1.73  | 94.2      | 17.8564 | 27.1733 |
| 2009 | 6     | 10  | 20   | 52     | 53     | 0.3       | 2.6     | 1.73  | 91.1      | 17.8564 | 27.2255 |
| 2009 | 6     | 10  | 21   | 2      | 53     | 0.3       | 2.6     | 1.71  | 93.5      | 17.8564 | 26.8081 |
| 2009 | 6     | 10  | 21   | 12     | 53     | 0.3       | 2.6     | 1.7   | 93.1      | 17.8564 | 26.6516 |
| 2009 | 6     | 10  | 21   | 22     | 53     | 0.3       | 2.6     | 1.73  | 94.3      | 17.8564 | 27.1733 |
| 2009 | 6     | 10  | 21   | 32     | 53     | 0.3       | 2.6     | 1.69  | 93.1      | 17.8564 | 26.4952 |
| 2009 | 6     | 10  | 21   | 42     | 53     | 0.3       | 2.6     | 1.73  | 94.2      | 17.8564 | 27.069  |
| 2009 | 6     | 10  | 21   | 52     | 53     | 0.3       | 2.6     | 1.73  | 94.3      | 17.8564 | 27.1733 |
| 2009 | 6     | 10  | 22   | 2      | 53     | 0.3       | 2.6     | 1.74  | 93.3      | 17.8564 | 27.3299 |
| 2009 | 6     | 10  | 22   | 12     | 53     | 0.3       | 2.6     | 1.73  | 93.4      | 17.8564 | 27.1733 |
| 2009 | 6     | 10  | 22   | 22     | 53     | 0.3       | 2.6     | 1.76  | 94.9      | 17.8564 | 27.5386 |
| 2009 | 6     | 10  | 22   | 32     | 53     | 0.3       | 2.6     | 1.74  | 92.9      | 17.8564 | 27.382  |
| 2009 | 6     | 10  | 22   | 42     | 53     | 0.3       | 2.6     | 1.74  | 96.4      | 17.8564 | 27.1212 |
| 2009 | 6     | 10  | 22   | 52     | 53     | 0.3       | 2.6     | 1.74  | 94.5      | 17.8564 | 27.2255 |
| 2009 | 6     | 10  | 23   | 2      | 53     | 0.3       | 2.6     | 1.77  | 94.5      | 17.8564 | 27.6951 |
| 2009 | 6     | 10  | 23   | 12     | 53     | 0.3       | 2.6     | 1.7   | 93.3      | 17.8564 | 26.5995 |
| 2009 | 6     | 10  | 23   | 22     | 53     | 0.3       | 2.6     | 1.72  | 93.3      | 17.8564 | 26.9646 |
| 2009 | 6     | 10  | 23   | 32     | 53     | 0.3       | 2.6     | 1.73  | 94.3      | 17.8564 | 27.1733 |
| 2009 | 6     | 10  | 23   | 42     | 53     | 0.3       | 2.6     | 1.76  | 91.8      | 17.8564 | 27.6951 |
| 2009 | 6     | 10  | 23   | 52     | 53     | 0.3       | 2.6     | 1.74  | 95.1      | 17.8564 | 27.2777 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 11  | 0    | 2      | 53     | 0.3       | 2.6     | 1.75  | 92.9      | 17.8564 | 27.4864 |
| 2009 | 6     | 11  | 0    | 12     | 53     | 0.3       | 2.6     | 1.75  | 93.4      | 17.8564 | 27.4342 |
| 2009 | 6     | 11  | 0    | 22     | 53     | 0.3       | 2.6     | 1.73  | 94.7      | 17.8564 | 27.1733 |
| 2009 | 6     | 11  | 0    | 32     | 53     | 0.3       | 2.6     | 1.78  | 93.4      | 17.8564 | 27.9561 |
| 2009 | 6     | 11  | 0    | 42     | 53     | 0.3       | 2.6     | 1.74  | 93.8      | 17.8309 | 27.291  |
| 2009 | 6     | 11  | 0    | 52     | 53     | 0.3       | 2.6     | 1.74  | 92.9      | 17.8309 | 27.3431 |
| 2009 | 6     | 11  | 1    | 2      | 53     | 0.3       | 2.6     | 1.71  | 93.6      | 17.8309 | 26.77   |
| 2009 | 6     | 11  | 1    | 12     | 53     | 0.3       | 2.6     | 1.71  | 92.7      | 17.8309 | 26.8742 |
| 2009 | 6     | 11  | 1    | 22     | 53     | 0.3       | 2.6     | 1.7   | 96        | 17.8309 | 26.5096 |
| 2009 | 6     | 11  | 1    | 32     | 53     | 0.3       | 2.6     | 1.71  | 93.4      | 17.8309 | 26.77   |
| 2009 | 6     | 11  | 1    | 42     | 53     | 0.3       | 2.6     | 1.76  | 94.2      | 17.8309 | 27.6036 |
| 2009 | 6     | 11  | 1    | 52     | 53     | 0.3       | 2.6     | 1.69  | 93.8      | 17.8309 | 26.4575 |
| 2009 | 6     | 11  | 2    | 2      | 53     | 0.3       | 2.6     | 1.74  | 95.7      | 17.8309 | 27.1347 |
| 2009 | 6     | 11  | 2    | 12     | 53     | 0.3       | 2.6     | 1.7   | 94.1      | 17.8309 | 26.6658 |
| 2009 | 6     | 11  | 2    | 22     | 53     | 0.3       | 2.6     | 1.75  | 93.6      | 17.8309 | 27.3431 |
| 2009 | 6     | 11  | 2    | 32     | 53     | 0.3       | 2.6     | 1.72  | 92.3      | 17.8309 | 26.9784 |
| 2009 | 6     | 11  | 2    | 42     | 53     | 0.3       | 2.6     | 1.69  | 94.8      | 17.8309 | 26.4054 |
| 2009 | 6     | 11  | 2    | 52     | 53     | 0.3       | 2.6     | 1.7   | 90.9      | 17.8309 | 26.7179 |
| 2009 | 6     | 11  | 3    | 2      | 53     | 0.3       | 2.6     | 1.71  | 94.8      | 17.8309 | 26.77   |
| 2009 | 6     | 11  | 3    | 12     | 53     | 0.3       | 2.6     | 1.69  | 95.8      | 17.8309 | 26.3012 |
| 2009 | 6     | 11  | 3    | 22     | 53     | 0.3       | 2.6     | 1.75  | 93.5      | 17.8309 | 27.3952 |
| 2009 | 6     | 11  | 3    | 32     | 53     | 0.3       | 2.6     | 1.75  | 95.2      | 17.8309 | 27.291  |
| 2009 | 6     | 11  | 3    | 42     | 53     | 0.3       | 2.6     | 1.69  | 94        | 17.8309 | 26.5096 |
| 2009 | 6     | 11  | 3    | 52     | 53     | 0.3       | 2.6     | 1.77  | 93.4      | 17.8309 | 27.7599 |
| 2009 | 6     | 11  | 4    | 2      | 53     | 0.3       | 2.6     | 1.75  | 92.6      | 17.8309 | 27.4473 |
| 2009 | 6     | 11  | 4    | 12     | 53     | 0.3       | 2.6     | 1.73  | 94.2      | 17.8309 | 27.0826 |
| 2009 | 6     | 11  | 4    | 22     | 53     | 0.3       | 2.6     | 1.72  | 94.5      | 17.8309 | 26.8742 |
| 2009 | 6     | 11  | 4    | 32     | 53     | 0.3       | 2.6     | 1.73  | 95.8      | 17.8309 | 27.0826 |
| 2009 | 6     | 11  | 4    | 42     | 53     | 0.3       | 2.6     | 1.73  | 91        | 17.8309 | 27.1347 |
| 2009 | 6     | 11  | 4    | 52     | 53     | 0.3       | 2.6     | 1.76  | 93.9      | 17.8309 | 27.6036 |
| 2009 | 6     | 11  | 5    | 2      | 53     | 0.3       | 2.6     | 1.74  | 91.2      | 17.8309 | 27.2389 |
| 2009 | 6     | 11  | 5    | 12     | 53     | 0.3       | 2.6     | 1.7   | 93.8      | 17.8309 | 26.5616 |
| 2009 | 6     | 11  | 5    | 22     | 53     | 0.3       | 2.6     | 1.74  | 94        | 17.8309 | 27.2389 |
| 2009 | 6     | 11  | 5    | 32     | 53     | 0.3       | 2.6     | 1.73  | 94.1      | 17.8309 | 27.0305 |
| 2009 | 6     | 11  | 5    | 42     | 53     | 0.3       | 2.6     | 1.77  | 91.1      | 17.8309 | 27.7599 |
| 2009 | 6     | 11  | 5    | 52     | 53     | 0.3       | 2.6     | 1.76  | 96.3      | 17.8054 | 27.4082 |
| 2009 | 6     | 11  | 6    | 2      | 53     | 0.3       | 2.6     | 1.7   | 95.3      | 17.8309 | 26.6137 |
| 2009 | 6     | 11  | 6    | 12     | 53     | 0.3       | 2.6     | 1.69  | 93.6      | 17.8309 | 26.5096 |
| 2009 | 6     | 11  | 6    | 22     | 53     | 0.3       | 2.6     | 1.75  | 92.4      | 17.8309 | 27.3952 |
| 2009 | 6     | 11  | 6    | 32     | 53     | 0.3       | 2.6     | 1.71  | 94.1      | 17.8309 | 26.8221 |
| 2009 | 6     | 11  | 6    | 42     | 53     | 0.3       | 2.6     | 1.7   | 91.8      | 17.8054 | 26.6798 |
| 2009 | 6     | 11  | 6    | 52     | 53     | 0.3       | 2.6     | 1.71  | 92.2      | 17.8054 | 26.8359 |
| 2009 | 6     | 11  | 7    | 2      | 53     | 0.3       | 2.6     | 1.69  | 93.3      | 17.8309 | 26.4575 |
| 2009 | 6     | 11  | 7    | 12     | 53     | 0.3       | 2.6     | 1.74  | 94.8      | 17.8054 | 27.2    |
| 2009 | 6     | 11  | 7    | 22     | 53     | 0.3       | 2.6     | 1.77  | 94.2      | 17.8054 | 27.6163 |
| 2009 | 6     | 11  | 7    | 32     | 53     | 0.3       | 2.6     | 1.74  | 95.3      | 17.8054 | 27.2    |
| 2009 | 6     | 11  | 7    | 42     | 53     | 0.3       | 2.6     | 1.71  | 92.6      | 17.8054 | 26.7318 |
| 2009 | 6     | 11  | 7    | 52     | 53     | 0.3       | 2.6     | 1.7   | 93.7      | 17.8054 | 26.5758 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 11  | 8    | 3      | 24     | 0.3       | 2.6     | 1.77  | 93.7      | 17.8054 | 27.6163 |
| 2009 | 6     | 11  | 8    | 13     | 24     | 0.3       | 2.6     | 1.7   | 93.7      | 17.8054 | 26.5758 |
| 2009 | 6     | 11  | 8    | 23     | 24     | 0.3       | 2.6     | 1.76  | 95.2      | 17.8054 | 27.4602 |
| 2009 | 6     | 11  | 8    | 33     | 24     | 0.3       | 2.6     | 1.7   | 93.9      | 17.8054 | 26.5238 |
| 2009 | 6     | 11  | 8    | 43     | 24     | 0.3       | 2.6     | 1.74  | 93.3      | 17.8054 | 27.2521 |
| 2009 | 6     | 11  | 8    | 53     | 24     | 0.3       | 2.6     | 1.7   | 94.2      | 17.8054 | 26.6278 |
| 2009 | 6     | 11  | 9    | 3      | 24     | 0.3       | 2.6     | 1.74  | 94        | 17.8054 | 27.148  |
| 2009 | 6     | 11  | 9    | 13     | 24     | 0.3       | 2.6     | 1.75  | 94.8      | 17.8054 | 27.3561 |
| 2009 | 6     | 11  | 9    | 23     | 24     | 0.3       | 2.6     | 1.74  | 92.6      | 17.8054 | 27.2521 |
| 2009 | 6     | 11  | 9    | 33     | 24     | 0.3       | 2.6     | 1.72  | 92.3      | 17.8309 | 26.9784 |
| 2009 | 6     | 11  | 9    | 43     | 24     | 0.3       | 2.6     | 1.75  | 95        | 17.8309 | 27.3431 |
| 2009 | 6     | 11  | 9    | 53     | 24     | 0.3       | 2.6     | 1.74  | 92.5      | 17.8054 | 27.2521 |
| 2009 | 6     | 11  | 10   | 3      | 24     | 0.3       | 2.6     | 1.72  | 93        | 17.8309 | 26.9263 |
| 2009 | 6     | 11  | 10   | 13     | 24     | 0.3       | 2.6     | 1.75  | 92.1      | 17.8309 | 27.4994 |
| 2009 | 6     | 11  | 10   | 23     | 24     | 0.3       | 2.6     | 1.74  | 94.1      | 17.8309 | 27.291  |
| 2009 | 6     | 11  | 10   | 33     | 24     | 0.3       | 2.6     | 1.77  | 93.9      | 17.8309 | 27.7599 |
| 2009 | 6     | 11  | 10   | 43     | 24     | 0.3       | 2.6     | 1.75  | 91.4      | 17.8309 | 27.3952 |
| 2009 | 6     | 11  | 10   | 53     | 24     | 0.3       | 2.6     | 1.76  | 92.6      | 17.8309 | 27.6557 |
| 2009 | 6     | 11  | 11   | 3      | 24     | 0.3       | 2.6     | 1.77  | 95        | 17.8309 | 27.6036 |
| 2009 | 6     | 11  | 11   | 13     | 24     | 0.3       | 2.6     | 1.71  | 95.4      | 17.8309 | 26.77   |
| 2009 | 6     | 11  | 11   | 23     | 24     | 0.3       | 2.6     | 1.75  | 92.1      | 17.8309 | 27.4994 |
| 2009 | 6     | 11  | 11   | 33     | 24     | 0.3       | 2.6     | 1.71  | 96.6      | 17.8309 | 26.7179 |
| 2009 | 6     | 11  | 11   | 43     | 24     | 0.3       | 2.6     | 1.73  | 93.7      | 17.8309 | 27.0305 |
| 2009 | 6     | 11  | 11   | 53     | 24     | 0.3       | 2.6     | 1.7   | 94.1      | 17.8309 | 26.6658 |
| 2009 | 6     | 11  | 12   | 3      | 24     | 0.3       | 2.6     | 1.73  | 95.1      | 17.8309 | 26.9784 |
| 2009 | 6     | 11  | 12   | 13     | 24     | 0.3       | 2.6     | 1.76  | 95.2      | 17.8309 | 27.5515 |
| 2009 | 6     | 11  | 12   | 23     | 24     | 0.3       | 2.6     | 1.73  | 93.9      | 17.8309 | 27.0305 |
| 2009 | 6     | 11  | 12   | 33     | 24     | 0.3       | 2.6     | 1.73  | 93.8      | 17.8309 | 27.0826 |
| 2009 | 6     | 11  | 12   | 43     | 24     | 0.3       | 2.6     | 1.71  | 93.3      | 17.8309 | 26.77   |
| 2009 | 6     | 11  | 12   | 53     | 24     | 0.3       | 2.6     | 1.7   | 94.4      | 17.8309 | 26.6658 |
| 2009 | 6     | 11  | 13   | 3      | 24     | 0.3       | 2.6     | 1.75  | 93.9      | 17.8309 | 27.3952 |
| 2009 | 6     | 11  | 13   | 13     | 24     | 0.3       | 2.6     | 1.77  | 93.9      | 17.8309 | 27.7078 |
| 2009 | 6     | 11  | 13   | 23     | 24     | 0.3       | 2.6     | 1.78  | 93.3      | 17.8309 | 27.8642 |
| 2009 | 6     | 11  | 13   | 33     | 24     | 0.3       | 2.6     | 1.79  | 90.9      | 17.8564 | 28.217  |
| 2009 | 6     | 11  | 13   | 43     | 24     | 0.3       | 2.6     | 1.71  | 92.6      | 17.8309 | 26.8742 |
| 2009 | 6     | 11  | 13   | 53     | 24     | 0.3       | 2.6     | 1.74  | 95.2      | 17.8564 | 27.1733 |
| 2009 | 6     | 11  | 14   | 3      | 24     | 0.3       | 2.6     | 1.78  | 93.8      | 17.8564 | 27.9039 |
| 2009 | 6     | 11  | 14   | 13     | 24     | 0.3       | 2.6     | 1.75  | 94.2      | 17.8564 | 27.4342 |
| 2009 | 6     | 11  | 14   | 23     | 24     | 0.3       | 2.6     | 1.77  | 94.3      | 17.8564 | 27.7995 |
| 2009 | 6     | 11  | 14   | 33     | 24     | 0.3       | 2.6     | 1.74  | 92.7      | 17.8564 | 27.2777 |
| 2009 | 6     | 11  | 14   | 43     | 24     | 0.3       | 2.6     | 1.72  | 93.1      | 17.8564 | 27.0168 |
| 2009 | 6     | 11  | 14   | 53     | 24     | 0.3       | 2.6     | 1.73  | 91.9      | 17.8564 | 27.1212 |
| 2009 | 6     | 11  | 15   | 3      | 24     | 0.3       | 2.6     | 1.72  | 93.3      | 17.8564 | 26.9125 |
| 2009 | 6     | 11  | 15   | 13     | 24     | 0.3       | 2.6     | 1.76  | 92.8      | 17.8564 | 27.5907 |
| 2009 | 6     | 11  | 15   | 23     | 24     | 0.3       | 2.6     | 1.74  | 93.6      | 17.882  | 27.2642 |
| 2009 | 6     | 11  | 15   | 33     | 24     | 0.3       | 2.6     | 1.72  | 93.6      | 17.8564 | 26.9125 |
| 2009 | 6     | 11  | 15   | 43     | 24     | 0.3       | 2.6     | 1.7   | 93        | 17.8564 | 26.7038 |
| 2009 | 6     | 11  | 15   | 53     | 24     | 0.3       | 2.6     | 1.79  | 94.4      | 17.8564 | 28.0604 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 11  | 16   | 3      | 24     | 0.3       | 2.6     | 1.75  | 94.1      | 17.882  | 27.5255 |
| 2009 | 6     | 11  | 16   | 13     | 24     | 0.3       | 2.6     | 1.76  | 94.8      | 17.882  | 27.5778 |
| 2009 | 6     | 11  | 16   | 23     | 24     | 0.3       | 2.6     | 1.73  | 93.9      | 17.882  | 27.1598 |
| 2009 | 6     | 11  | 16   | 33     | 24     | 0.3       | 2.6     | 1.74  | 93.9      | 17.882  | 27.3688 |
| 2009 | 6     | 11  | 16   | 43     | 24     | 0.3       | 2.6     | 1.7   | 94.8      | 17.882  | 26.5851 |
| 2009 | 6     | 11  | 16   | 53     | 24     | 0.3       | 2.6     | 1.76  | 96.1      | 17.882  | 27.4733 |
| 2009 | 6     | 11  | 17   | 3      | 24     | 0.3       | 2.6     | 1.75  | 95.2      | 17.882  | 27.421  |
| 2009 | 6     | 11  | 17   | 13     | 24     | 0.3       | 2.6     | 1.72  | 93.5      | 17.882  | 27.0553 |
| 2009 | 6     | 11  | 17   | 23     | 24     | 0.3       | 2.6     | 1.76  | 94.8      | 17.882  | 27.5778 |
| 2009 | 6     | 11  | 17   | 33     | 24     | 0.3       | 2.6     | 1.78  | 93.3      | 17.882  | 27.9436 |
| 2009 | 6     | 11  | 17   | 43     | 24     | 0.3       | 2.6     | 1.71  | 93.2      | 17.882  | 26.8985 |
| 2009 | 6     | 11  | 17   | 53     | 24     | 0.3       | 2.6     | 1.71  | 94.1      | 17.9076 | 26.8845 |
| 2009 | 6     | 11  | 18   | 3      | 24     | 0.3       | 2.6     | 1.74  | 93        | 17.9076 | 27.46   |
| 2009 | 6     | 11  | 18   | 13     | 24     | 0.3       | 2.6     | 1.75  | 93.6      | 17.9076 | 27.46   |
| 2009 | 6     | 11  | 18   | 23     | 24     | 0.3       | 2.6     | 1.76  | 94.3      | 17.9076 | 27.617  |
| 2009 | 6     | 11  | 18   | 33     | 24     | 0.3       | 2.6     | 1.73  | 93.4      | 17.9076 | 27.146  |
| 2009 | 6     | 11  | 18   | 43     | 24     | 0.3       | 2.6     | 1.75  | 94.4      | 17.9076 | 27.46   |
| 2009 | 6     | 11  | 18   | 53     | 24     | 0.3       | 2.6     | 1.74  | 93.3      | 17.9076 | 27.303  |
| 2009 | 6     | 11  | 19   | 3      | 24     | 0.3       | 2.6     | 1.76  | 96        | 17.9076 | 27.617  |
| 2009 | 6     | 11  | 19   | 13     | 24     | 0.3       | 2.6     | 1.75  | 93.3      | 17.9331 | 27.5514 |
| 2009 | 6     | 11  | 19   | 23     | 24     | 0.3       | 2.6     | 1.73  | 93.5      | 17.9076 | 27.1984 |
| 2009 | 6     | 11  | 19   | 33     | 24     | 0.3       | 2.6     | 1.75  | 95.2      | 17.9331 | 27.4466 |
| 2009 | 6     | 11  | 19   | 43     | 24     | 0.3       | 2.6     | 1.74  | 93.6      | 17.9331 | 27.3942 |
| 2009 | 6     | 11  | 19   | 53     | 24     | 0.3       | 2.6     | 1.75  | 92        | 17.9331 | 27.5514 |
| 2009 | 6     | 11  | 20   | 3      | 24     | 0.3       | 2.6     | 1.73  | 93.6      | 17.9331 | 27.2894 |
| 2009 | 6     | 11  | 20   | 13     | 24     | 0.3       | 2.6     | 1.75  | 93.7      | 17.9331 | 27.5514 |
| 2009 | 6     | 11  | 20   | 23     | 24     | 0.3       | 2.6     | 1.75  | 92.8      | 17.9331 | 27.6038 |
| 2009 | 6     | 11  | 20   | 33     | 24     | 0.3       | 2.6     | 1.77  | 92.9      | 17.9331 | 27.9706 |
| 2009 | 6     | 11  | 20   | 43     | 24     | 0.3       | 2.6     | 1.72  | 93.4      | 17.9331 | 27.1322 |
| 2009 | 6     | 11  | 20   | 53     | 24     | 0.3       | 2.6     | 1.73  | 95.8      | 17.9587 | 27.2231 |
| 2009 | 6     | 11  | 21   | 3      | 24     | 0.3       | 2.6     | 1.75  | 94        | 17.9587 | 27.6429 |
| 2009 | 6     | 11  | 21   | 13     | 24     | 0.3       | 2.6     | 1.77  | 93.8      | 17.9587 | 27.8528 |
| 2009 | 6     | 11  | 21   | 23     | 24     | 0.3       | 2.6     | 1.75  | 93        | 17.9587 | 27.5904 |
| 2009 | 6     | 11  | 21   | 33     | 24     | 0.3       | 2.6     | 1.69  | 94.6      | 17.9587 | 26.6985 |
| 2009 | 6     | 11  | 21   | 43     | 24     | 0.3       | 2.6     | 1.74  | 94.7      | 17.9587 | 27.4855 |
| 2009 | 6     | 11  | 21   | 53     | 24     | 0.3       | 2.6     | 1.7   | 95        | 17.9587 | 26.751  |
| 2009 | 6     | 11  | 22   | 3      | 24     | 0.3       | 2.6     | 1.73  | 95.1      | 17.9587 | 27.1707 |
| 2009 | 6     | 11  | 22   | 13     | 24     | 0.3       | 2.6     | 1.74  | 94.1      | 17.9587 | 27.4855 |
| 2009 | 6     | 11  | 22   | 23     | 24     | 0.3       | 2.6     | 1.76  | 94.8      | 17.9587 | 27.8004 |
| 2009 | 6     | 11  | 22   | 33     | 24     | 0.3       | 2.6     | 1.75  | 92.9      | 17.9587 | 27.6429 |
| 2009 | 6     | 11  | 22   | 43     | 24     | 0.3       | 2.6     | 1.77  | 96        | 17.9842 | 27.8923 |
| 2009 | 6     | 11  | 22   | 53     | 24     | 0.3       | 2.6     | 1.71  | 92.8      | 17.9842 | 26.999  |
| 2009 | 6     | 11  | 23   | 3      | 24     | 0.3       | 2.6     | 1.73  | 91.7      | 17.9842 | 27.3142 |
| 2009 | 6     | 11  | 23   | 13     | 24     | 0.3       | 2.6     | 1.76  | 94.2      | 17.9842 | 27.7872 |
| 2009 | 6     | 11  | 23   | 23     | 24     | 0.3       | 2.6     | 1.76  | 94.9      | 17.9842 | 27.8397 |
| 2009 | 6     | 11  | 23   | 33     | 24     | 0.3       | 2.6     | 1.71  | 94.9      | 17.9842 | 26.8939 |
| 2009 | 6     | 11  | 23   | 43     | 24     | 0.3       | 2.6     | 1.74  | 91.5      | 17.9842 | 27.577  |
| 2009 | 6     | 11  | 23   | 53     | 24     | 0.3       | 2.6     | 1.73  | 94.2      | 17.9842 | 27.3142 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 12  | 0    | 3      | 24     | 0.3       | 2.6     | 1.72  | 94.1      | 17.9842 | 27.1041 |
| 2009 | 6     | 12  | 0    | 13     | 24     | 0.3       | 2.6     | 1.73  | 94.6      | 17.9842 | 27.3668 |
| 2009 | 6     | 12  | 0    | 23     | 24     | 0.3       | 2.6     | 1.74  | 93.8      | 17.9842 | 27.5244 |
| 2009 | 6     | 12  | 0    | 33     | 24     | 0.3       | 2.6     | 1.71  | 96.1      | 17.9842 | 26.8939 |
| 2009 | 6     | 12  | 0    | 43     | 24     | 0.3       | 2.6     | 1.76  | 93.7      | 18.0098 | 27.7739 |
| 2009 | 6     | 12  | 0    | 53     | 24     | 0.3       | 2.6     | 1.76  | 93.9      | 18.0098 | 27.7739 |
| 2009 | 6     | 12  | 1    | 3      | 24     | 0.3       | 2.6     | 1.71  | 95.4      | 17.9842 | 26.999  |
| 2009 | 6     | 12  | 1    | 13     | 24     | 0.3       | 2.6     | 1.8   | 93        | 17.9842 | 28.5231 |
| 2009 | 6     | 12  | 1    | 23     | 24     | 0.3       | 2.6     | 1.75  | 94.7      | 18.0098 | 27.616  |
| 2009 | 6     | 12  | 1    | 33     | 24     | 0.3       | 2.6     | 1.75  | 94.4      | 17.9842 | 27.577  |
| 2009 | 6     | 12  | 1    | 43     | 24     | 0.3       | 2.6     | 1.79  | 93        | 17.9842 | 28.3128 |
| 2009 | 6     | 12  | 1    | 53     | 24     | 0.3       | 2.6     | 1.74  | 91.9      | 18.0098 | 27.616  |
| 2009 | 6     | 12  | 2    | 3      | 24     | 0.3       | 2.6     | 1.74  | 91.6      | 18.0098 | 27.5634 |
| 2009 | 6     | 12  | 2    | 13     | 24     | 0.3       | 2.6     | 1.75  | 93.2      | 18.0098 | 27.7212 |
| 2009 | 6     | 12  | 2    | 23     | 24     | 0.3       | 2.6     | 1.75  | 95.4      | 18.0098 | 27.616  |
| 2009 | 6     | 12  | 2    | 33     | 24     | 0.3       | 2.6     | 1.74  | 92.8      | 18.0098 | 27.616  |
| 2009 | 6     | 12  | 2    | 43     | 24     | 0.3       | 2.6     | 1.73  | 93.8      | 18.0098 | 27.3529 |
| 2009 | 6     | 12  | 2    | 53     | 24     | 0.3       | 2.6     | 1.74  | 96        | 18.0098 | 27.4055 |
| 2009 | 6     | 12  | 3    | 3      | 24     | 0.3       | 2.6     | 1.72  | 94.8      | 18.0354 | 27.1281 |
| 2009 | 6     | 12  | 3    | 13     | 24     | 0.3       | 2.6     | 1.72  | 91.9      | 18.0354 | 27.2334 |
| 2009 | 6     | 12  | 3    | 23     | 24     | 0.3       | 2.6     | 1.71  | 94.6      | 18.0354 | 27.0754 |
| 2009 | 6     | 12  | 3    | 33     | 24     | 0.3       | 2.6     | 1.71  | 95.6      | 18.0354 | 27.0754 |
| 2009 | 6     | 12  | 3    | 43     | 24     | 0.3       | 2.6     | 1.76  | 93.9      | 18.0354 | 27.8131 |
| 2009 | 6     | 12  | 3    | 53     | 24     | 0.3       | 2.6     | 1.7   | 92.1      | 18.061  | 27.0608 |
| 2009 | 6     | 12  | 4    | 3      | 24     | 0.3       | 2.6     | 1.74  | 94.5      | 18.061  | 27.5357 |
| 2009 | 6     | 12  | 4    | 13     | 24     | 0.3       | 2.6     | 1.71  | 93.5      | 18.061  | 27.1136 |
| 2009 | 6     | 12  | 4    | 23     | 24     | 0.3       | 2.6     | 1.75  | 93.1      | 18.061  | 27.8523 |
| 2009 | 6     | 12  | 4    | 33     | 24     | 0.3       | 2.6     | 1.74  | 94        | 18.0866 | 27.6802 |
| 2009 | 6     | 12  | 4    | 43     | 24     | 0.3       | 2.6     | 1.75  | 94.6      | 18.061  | 27.7468 |
| 2009 | 6     | 12  | 4    | 53     | 24     | 0.3       | 2.6     | 1.71  | 93.9      | 18.061  | 27.0608 |
| 2009 | 6     | 12  | 5    | 3      | 24     | 0.3       | 2.6     | 1.72  | 95.3      | 18.0866 | 27.2575 |
| 2009 | 6     | 12  | 5    | 13     | 24     | 0.3       | 2.6     | 1.77  | 96        | 18.0866 | 28.0502 |
| 2009 | 6     | 12  | 5    | 23     | 24     | 0.3       | 2.6     | 1.75  | 94        | 18.0866 | 27.7859 |
| 2009 | 6     | 12  | 5    | 33     | 24     | 0.3       | 2.6     | 1.78  | 93.6      | 18.0866 | 28.3673 |
| 2009 | 6     | 12  | 5    | 43     | 24     | 0.3       | 2.6     | 1.76  | 93.1      | 18.0866 | 27.9973 |
| 2009 | 6     | 12  | 5    | 53     | 24     | 0.3       | 2.6     | 1.71  | 93.4      | 18.1122 | 27.1371 |
| 2009 | 6     | 12  | 6    | 3      | 24     | 0.3       | 2.6     | 1.72  | 95.2      | 18.1122 | 27.2429 |
| 2009 | 6     | 12  | 6    | 13     | 24     | 0.3       | 2.6     | 1.72  | 94.8      | 18.1122 | 27.2429 |
| 2009 | 6     | 12  | 6    | 23     | 24     | 0.3       | 2.6     | 1.77  | 94        | 18.1122 | 28.1955 |
| 2009 | 6     | 12  | 6    | 33     | 24     | 0.3       | 2.6     | 1.69  | 94.6      | 18.1122 | 26.8197 |
| 2009 | 6     | 12  | 6    | 43     | 24     | 0.3       | 2.6     | 1.74  | 92.3      | 18.1122 | 27.7721 |
| 2009 | 6     | 12  | 6    | 53     | 24     | 0.3       | 2.6     | 1.72  | 92.9      | 18.1122 | 27.4017 |
| 2009 | 6     | 12  | 7    | 3      | 24     | 0.3       | 2.6     | 1.78  | 93.2      | 18.1378 | 28.3942 |
| 2009 | 6     | 12  | 7    | 13     | 24     | 0.3       | 2.6     | 1.75  | 94.1      | 18.1378 | 27.9171 |
| 2009 | 6     | 12  | 7    | 23     | 24     | 0.3       | 2.6     | 1.74  | 92.3      | 18.1378 | 27.8111 |
| 2009 | 6     | 12  | 7    | 33     | 24     | 0.3       | 2.6     | 1.74  | 93.1      | 18.1378 | 27.8111 |
| 2009 | 6     | 12  | 7    | 43     | 24     | 0.3       | 2.6     | 1.75  | 92.3      | 18.1378 | 27.9701 |
| 2009 | 6     | 12  | 7    | 53     | 24     | 0.3       | 2.6     | 1.73  | 93.8      | 18.1378 | 27.4932 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 12  | 8    | 3      | 24     | 0.3       | 2.6     | 1.72  | 94.1      | 18.1378 | 27.3342 |
| 2009 | 6     | 12  | 8    | 13     | 24     | 0.3       | 2.6     | 1.74  | 94        | 18.1378 | 27.7051 |
| 2009 | 6     | 12  | 8    | 23     | 24     | 0.3       | 2.6     | 1.72  | 94.2      | 18.1378 | 27.3872 |
| 2009 | 6     | 12  | 8    | 33     | 24     | 0.3       | 2.6     | 1.75  | 94.6      | 18.1378 | 27.8641 |
| 2009 | 6     | 12  | 8    | 43     | 24     | 0.3       | 2.6     | 1.74  | 93        | 18.1378 | 27.7581 |
| 2009 | 6     | 12  | 8    | 53     | 24     | 0.3       | 2.6     | 1.74  | 94.4      | 18.1378 | 27.7051 |
| 2009 | 6     | 12  | 9    | 3      | 24     | 0.3       | 2.6     | 1.7   | 92.9      | 18.1378 | 27.0693 |
| 2009 | 6     | 12  | 9    | 13     | 24     | 0.3       | 2.6     | 1.75  | 93.2      | 18.1378 | 27.8641 |
| 2009 | 6     | 12  | 9    | 23     | 24     | 0.3       | 2.6     | 1.72  | 94.7      | 18.1378 | 27.4402 |
| 2009 | 6     | 12  | 9    | 33     | 24     | 0.3       | 2.6     | 1.8   | 96.2      | 18.1378 | 28.5002 |
| 2009 | 6     | 12  | 9    | 43     | 24     | 0.3       | 2.6     | 1.78  | 92.8      | 18.1378 | 28.4472 |
| 2009 | 6     | 12  | 9    | 53     | 24     | 0.3       | 2.6     | 1.72  | 91.7      | 18.1634 | 27.4787 |
| 2009 | 6     | 12  | 10   | 3      | 24     | 0.3       | 2.6     | 1.75  | 96.7      | 18.1634 | 27.8502 |
| 2009 | 6     | 12  | 10   | 13     | 24     | 0.3       | 2.6     | 1.7   | 93        | 18.1634 | 27.1073 |
| 2009 | 6     | 12  | 10   | 23     | 24     | 0.3       | 2.6     | 1.77  | 93.4      | 18.1634 | 28.2748 |
| 2009 | 6     | 12  | 10   | 33     | 24     | 0.3       | 2.6     | 1.75  | 93.8      | 18.1634 | 27.9032 |
| 2009 | 6     | 12  | 10   | 43     | 24     | 0.3       | 2.6     | 1.74  | 95.9      | 18.1634 | 27.744  |
| 2009 | 6     | 12  | 10   | 53     | 24     | 0.3       | 2.6     | 1.76  | 94.4      | 18.1634 | 28.0094 |
| 2009 | 6     | 12  | 11   | 3      | 24     | 0.3       | 2.6     | 1.71  | 94.4      | 18.1634 | 27.3195 |
| 2009 | 6     | 12  | 11   | 13     | 24     | 0.3       | 2.6     | 1.76  | 95.9      | 18.1634 | 28.0094 |
| 2009 | 6     | 12  | 11   | 23     | 24     | 0.3       | 2.6     | 1.77  | 95.6      | 18.1634 | 28.2217 |
| 2009 | 6     | 12  | 11   | 33     | 24     | 0.3       | 2.6     | 1.76  | 93.4      | 18.1634 | 28.0094 |
| 2009 | 6     | 12  | 11   | 43     | 24     | 0.3       | 2.6     | 1.75  | 93.6      | 18.1634 | 27.8502 |
| 2009 | 6     | 12  | 11   | 53     | 24     | 0.3       | 2.6     | 1.76  | 94.6      | 18.1634 | 28.1156 |
| 2009 | 6     | 12  | 12   | 3      | 24     | 0.3       | 2.6     | 1.74  | 93.9      | 18.1634 | 27.744  |
| 2009 | 6     | 12  | 12   | 13     | 24     | 0.3       | 2.6     | 1.77  | 94        | 18.1634 | 28.2748 |
| 2009 | 6     | 12  | 12   | 23     | 24     | 0.3       | 2.6     | 1.73  | 94.7      | 18.1634 | 27.5848 |
| 2009 | 6     | 12  | 12   | 33     | 24     | 0.3       | 2.6     | 1.73  | 93.8      | 18.1634 | 27.5318 |
| 2009 | 6     | 12  | 12   | 43     | 24     | 0.3       | 2.6     | 1.74  | 95.2      | 18.189  | 27.7829 |
| 2009 | 6     | 12  | 12   | 53     | 24     | 0.3       | 2.6     | 1.74  | 92.6      | 18.189  | 27.8892 |
| 2009 | 6     | 12  | 13   | 3      | 24     | 0.3       | 2.6     | 1.74  | 93        | 18.189  | 27.7829 |
| 2009 | 6     | 12  | 13   | 13     | 24     | 0.3       | 2.6     | 1.74  | 93.2      | 18.189  | 27.8892 |
| 2009 | 6     | 12  | 13   | 23     | 24     | 0.3       | 2.6     | 1.74  | 93.5      | 18.189  | 27.8361 |
| 2009 | 6     | 12  | 13   | 33     | 24     | 0.3       | 2.6     | 1.78  | 93.6      | 18.189  | 28.3676 |
| 2009 | 6     | 12  | 13   | 43     | 24     | 0.3       | 2.6     | 1.76  | 94.9      | 18.189  | 27.9955 |
| 2009 | 6     | 12  | 13   | 53     | 24     | 0.3       | 2.6     | 1.76  | 93.4      | 18.189  | 28.1018 |
| 2009 | 6     | 12  | 14   | 3      | 24     | 0.3       | 2.6     | 1.76  | 95.5      | 18.189  | 27.9955 |
| 2009 | 6     | 12  | 14   | 13     | 24     | 0.3       | 2.6     | 1.75  | 95.4      | 18.2146 | 27.9815 |
| 2009 | 6     | 12  | 14   | 23     | 24     | 0.3       | 2.6     | 1.74  | 95.2      | 18.189  | 27.7829 |
| 2009 | 6     | 12  | 14   | 33     | 24     | 0.3       | 2.6     | 1.73  | 92.9      | 18.189  | 27.6235 |
| 2009 | 6     | 12  | 14   | 43     | 24     | 0.3       | 2.6     | 1.78  | 93.6      | 18.189  | 28.4208 |
| 2009 | 6     | 12  | 14   | 53     | 24     | 0.3       | 2.6     | 1.73  | 93.3      | 18.2146 | 27.609  |
| 2009 | 6     | 12  | 15   | 3      | 24     | 0.3       | 2.6     | 1.73  | 92.5      | 18.2146 | 27.7154 |
| 2009 | 6     | 12  | 15   | 13     | 24     | 0.3       | 2.6     | 1.73  | 94.8      | 18.2146 | 27.6622 |
| 2009 | 6     | 12  | 15   | 23     | 24     | 0.3       | 2.6     | 1.74  | 95.4      | 18.2146 | 27.7154 |
| 2009 | 6     | 12  | 15   | 33     | 24     | 0.3       | 2.6     | 1.75  | 92.5      | 18.2146 | 28.0347 |
| 2009 | 6     | 12  | 15   | 43     | 24     | 0.3       | 2.6     | 1.74  | 92.2      | 18.2146 | 27.8219 |
| 2009 | 6     | 12  | 15   | 53     | 24     | 0.3       | 2.6     | 1.76  | 94.1      | 18.2146 | 28.1412 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 12  | 16   | 3      | 24     | 0.3       | 2.6     | 1.76  | 92.9      | 18.2146 | 28.1412 |
| 2009 | 6     | 12  | 16   | 13     | 24     | 0.3       | 2.6     | 1.76  | 94.3      | 18.2146 | 28.088  |
| 2009 | 6     | 12  | 16   | 23     | 24     | 0.3       | 2.6     | 1.78  | 93.4      | 18.2146 | 28.5138 |
| 2009 | 6     | 12  | 16   | 33     | 24     | 0.3       | 2.6     | 1.73  | 91.2      | 18.2146 | 27.7686 |
| 2009 | 6     | 12  | 16   | 43     | 24     | 0.3       | 2.6     | 1.74  | 93.1      | 18.2402 | 27.8608 |
| 2009 | 6     | 12  | 16   | 53     | 24     | 0.3       | 2.6     | 1.68  | 93.4      | 18.2146 | 26.8641 |
| 2009 | 6     | 12  | 17   | 3      | 24     | 0.3       | 2.6     | 1.78  | 94.3      | 18.2146 | 28.4606 |
| 2009 | 6     | 12  | 17   | 13     | 24     | 0.3       | 2.6     | 1.73  | 93.6      | 18.2146 | 27.609  |
| 2009 | 6     | 12  | 17   | 23     | 24     | 0.3       | 2.6     | 1.75  | 93.7      | 18.2146 | 27.9283 |
| 2009 | 6     | 12  | 17   | 33     | 24     | 0.3       | 2.6     | 1.74  | 94.8      | 18.2402 | 27.8608 |
| 2009 | 6     | 12  | 17   | 43     | 24     | 0.3       | 2.6     | 1.78  | 92.3      | 18.2402 | 28.5537 |
| 2009 | 6     | 12  | 17   | 53     | 24     | 0.3       | 2.6     | 1.72  | 92.5      | 18.2402 | 27.541  |
| 2009 | 6     | 12  | 18   | 3      | 24     | 0.3       | 2.6     | 1.74  | 94.9      | 18.2402 | 27.8075 |
| 2009 | 6     | 12  | 18   | 13     | 24     | 0.3       | 2.6     | 1.75  | 93.5      | 18.2402 | 28.074  |
| 2009 | 6     | 12  | 18   | 23     | 24     | 0.3       | 2.6     | 1.74  | 93.7      | 18.2402 | 27.8075 |
| 2009 | 6     | 12  | 18   | 33     | 24     | 0.3       | 2.6     | 1.74  | 94.3      | 18.2402 | 27.8075 |
| 2009 | 6     | 12  | 18   | 43     | 24     | 0.3       | 2.6     | 1.75  | 92.3      | 18.2402 | 28.1273 |
| 2009 | 6     | 12  | 18   | 53     | 24     | 0.3       | 2.6     | 1.78  | 91.6      | 18.2402 | 28.607  |
| 2009 | 6     | 12  | 19   | 3      | 24     | 0.3       | 2.6     | 1.78  | 92.7      | 18.2402 | 28.5537 |
| 2009 | 6     | 12  | 19   | 13     | 24     | 0.3       | 2.6     | 1.78  | 94.5      | 18.2402 | 28.5004 |
| 2009 | 6     | 12  | 19   | 23     | 24     | 0.3       | 2.6     | 1.76  | 94.9      | 18.2402 | 28.074  |
| 2009 | 6     | 12  | 19   | 33     | 24     | 0.3       | 2.6     | 1.76  | 94.8      | 18.2658 | 28.1666 |
| 2009 | 6     | 12  | 19   | 43     | 24     | 0.3       | 2.6     | 1.72  | 94.5      | 18.2658 | 27.5795 |
| 2009 | 6     | 12  | 19   | 53     | 24     | 0.3       | 2.6     | 1.73  | 93.6      | 18.2402 | 27.7542 |
| 2009 | 6     | 12  | 20   | 3      | 24     | 0.3       | 2.6     | 1.74  | 93.1      | 18.2658 | 28.0064 |
| 2009 | 6     | 12  | 20   | 13     | 24     | 0.3       | 2.6     | 1.73  | 95.3      | 18.2658 | 27.6329 |
| 2009 | 6     | 12  | 20   | 23     | 24     | 0.3       | 2.6     | 1.72  | 95.6      | 18.2658 | 27.5262 |
| 2009 | 6     | 12  | 20   | 33     | 24     | 0.3       | 2.6     | 1.75  | 93        | 18.2658 | 28.1132 |
| 2009 | 6     | 12  | 20   | 43     | 24     | 0.3       | 2.6     | 1.75  | 93.7      | 18.2658 | 28.0598 |
| 2009 | 6     | 12  | 20   | 53     | 24     | 0.3       | 2.6     | 1.74  | 92.5      | 18.2658 | 28.0064 |
| 2009 | 6     | 12  | 21   | 3      | 24     | 0.3       | 2.6     | 1.74  | 93.2      | 18.2658 | 28.0064 |
| 2009 | 6     | 12  | 21   | 13     | 24     | 0.3       | 2.6     | 1.77  | 92.8      | 18.2658 | 28.3801 |
| 2009 | 6     | 12  | 21   | 23     | 24     | 0.3       | 2.6     | 1.76  | 94.6      | 18.2658 | 28.2199 |
| 2009 | 6     | 12  | 21   | 33     | 24     | 0.3       | 2.6     | 1.78  | 92.4      | 18.2658 | 28.5402 |
| 2009 | 6     | 12  | 21   | 43     | 24     | 0.3       | 2.6     | 1.75  | 92.4      | 18.2658 | 28.1132 |
| 2009 | 6     | 12  | 21   | 53     | 24     | 0.3       | 2.6     | 1.76  | 93.1      | 18.2658 | 28.3267 |
| 2009 | 6     | 12  | 22   | 3      | 24     | 0.3       | 2.6     | 1.76  | 93.6      | 18.2658 | 28.2199 |
| 2009 | 6     | 12  | 22   | 13     | 24     | 0.3       | 2.6     | 1.73  | 95.2      | 18.2658 | 27.6862 |
| 2009 | 6     | 12  | 22   | 23     | 24     | 0.3       | 2.6     | 1.79  | 94.3      | 18.2658 | 28.647  |
| 2009 | 6     | 12  | 22   | 33     | 24     | 0.3       | 2.6     | 1.78  | 93.7      | 18.2658 | 28.5936 |
| 2009 | 6     | 12  | 22   | 43     | 24     | 0.3       | 2.6     | 1.78  | 96.6      | 18.2915 | 28.4731 |
| 2009 | 6     | 12  | 22   | 53     | 24     | 0.3       | 2.6     | 1.73  | 92.6      | 18.2915 | 27.8852 |
| 2009 | 6     | 12  | 23   | 3      | 24     | 0.3       | 2.6     | 1.76  | 93.4      | 18.2658 | 28.2199 |
| 2009 | 6     | 12  | 23   | 13     | 24     | 0.3       | 2.6     | 1.72  | 94        | 18.2658 | 27.6329 |
| 2009 | 6     | 12  | 23   | 23     | 24     | 0.3       | 2.6     | 1.68  | 93.5      | 18.2915 | 26.9234 |
| 2009 | 6     | 12  | 23   | 33     | 24     | 0.3       | 2.6     | 1.74  | 93.9      | 18.2915 | 27.8852 |
| 2009 | 6     | 12  | 23   | 43     | 24     | 0.3       | 2.6     | 1.76  | 93.6      | 18.2658 | 28.2199 |
| 2009 | 6     | 12  | 23   | 53     | 24     | 0.3       | 2.6     | 1.75  | 94.3      | 18.2658 | 28.1132 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 13  | 0    | 3      | 24     | 0.3       | 2.6     | 1.77  | 94.5      | 18.2915 | 28.4731 |
| 2009 | 6     | 13  | 0    | 13     | 24     | 0.3       | 2.6     | 1.71  | 93.7      | 18.2658 | 27.4194 |
| 2009 | 6     | 13  | 0    | 23     | 24     | 0.3       | 2.6     | 1.71  | 93.5      | 18.2915 | 27.4577 |
| 2009 | 6     | 13  | 0    | 33     | 24     | 0.3       | 2.6     | 1.76  | 94.6      | 18.2658 | 28.1666 |
| 2009 | 6     | 13  | 0    | 43     | 24     | 0.3       | 2.6     | 1.76  | 94.9      | 18.2658 | 28.2199 |
| 2009 | 6     | 13  | 0    | 53     | 24     | 0.3       | 2.6     | 1.71  | 94.9      | 18.2658 | 27.4194 |
| 2009 | 6     | 13  | 1    | 3      | 24     | 0.3       | 2.6     | 1.77  | 95.8      | 18.2658 | 28.3801 |
| 2009 | 6     | 13  | 1    | 13     | 24     | 0.3       | 2.6     | 1.71  | 93        | 18.2658 | 27.4728 |
| 2009 | 6     | 13  | 1    | 23     | 24     | 0.3       | 2.6     | 1.71  | 96.6      | 18.2658 | 27.3661 |
| 2009 | 6     | 13  | 1    | 33     | 24     | 0.3       | 2.6     | 1.74  | 92.3      | 18.2658 | 28.0064 |
| 2009 | 6     | 13  | 1    | 43     | 24     | 0.3       | 2.6     | 1.73  | 91.8      | 18.2658 | 27.8463 |
| 2009 | 6     | 13  | 1    | 53     | 24     | 0.3       | 2.6     | 1.75  | 94.5      | 18.2658 | 28.1132 |
| 2009 | 6     | 13  | 2    | 3      | 24     | 0.3       | 2.6     | 1.78  | 94.6      | 18.2658 | 28.5402 |
| 2009 | 6     | 13  | 2    | 13     | 24     | 0.3       | 2.6     | 1.78  | 93.6      | 18.2658 | 28.5936 |
| 2009 | 6     | 13  | 2    | 23     | 24     | 0.3       | 2.6     | 1.74  | 92.9      | 18.2658 | 27.8997 |
| 2009 | 6     | 13  | 2    | 33     | 24     | 0.3       | 2.6     | 1.76  | 92.7      | 18.2658 | 28.3267 |
| 2009 | 6     | 13  | 2    | 43     | 24     | 0.3       | 2.6     | 1.75  | 92.7      | 18.2658 | 28.1132 |
| 2009 | 6     | 13  | 2    | 53     | 24     | 0.3       | 2.6     | 1.7   | 95        | 18.2658 | 27.2594 |
| 2009 | 6     | 13  | 3    | 3      | 24     | 0.3       | 2.6     | 1.73  | 94.3      | 18.2402 | 27.7542 |
| 2009 | 6     | 13  | 3    | 13     | 24     | 0.3       | 2.6     | 1.74  | 92        | 18.2658 | 28.0064 |
| 2009 | 6     | 13  | 3    | 23     | 24     | 0.3       | 2.6     | 1.73  | 93.2      | 18.2658 | 27.7396 |
| 2009 | 6     | 13  | 3    | 33     | 24     | 0.3       | 2.6     | 1.73  | 93        | 18.2658 | 27.8463 |
| 2009 | 6     | 13  | 3    | 43     | 24     | 0.3       | 2.6     | 1.72  | 94.9      | 18.2658 | 27.4728 |
| 2009 | 6     | 13  | 3    | 53     | 24     | 0.3       | 2.6     | 1.76  | 93.2      | 18.2658 | 28.2733 |
| 2009 | 6     | 13  | 4    | 3      | 24     | 0.3       | 2.6     | 1.74  | 94.7      | 18.2658 | 27.8463 |
| 2009 | 6     | 13  | 4    | 13     | 24     | 0.3       | 2.6     | 1.79  | 94.8      | 18.2402 | 28.607  |
| 2009 | 6     | 13  | 4    | 23     | 24     | 0.3       | 2.6     | 1.79  | 97.2      | 18.2658 | 28.5402 |
| 2009 | 6     | 13  | 4    | 33     | 24     | 0.3       | 2.6     | 1.7   | 93.7      | 18.2658 | 27.2594 |
| 2009 | 6     | 13  | 4    | 43     | 24     | 0.3       | 2.6     | 1.77  | 94.1      | 18.2658 | 28.3801 |
| 2009 | 6     | 13  | 4    | 53     | 24     | 0.3       | 2.6     | 1.74  | 93.4      | 18.2658 | 27.8997 |
| 2009 | 6     | 13  | 5    | 3      | 24     | 0.3       | 2.6     | 1.72  | 93.4      | 18.2402 | 27.541  |
| 2009 | 6     | 13  | 5    | 13     | 24     | 0.3       | 2.6     | 1.74  | 94.4      | 18.2658 | 27.9531 |
| 2009 | 6     | 13  | 5    | 23     | 24     | 0.3       | 2.6     | 1.74  | 94.1      | 18.2658 | 27.9531 |
| 2009 | 6     | 13  | 5    | 33     | 24     | 0.3       | 2.6     | 1.76  | 96        | 18.2658 | 28.1132 |
| 2009 | 6     | 13  | 5    | 43     | 24     | 0.3       | 2.6     | 1.73  | 93.1      | 18.2658 | 27.8463 |
| 2009 | 6     | 13  | 5    | 53     | 24     | 0.3       | 2.6     | 1.74  | 93.4      | 18.2658 | 27.8997 |
| 2009 | 6     | 13  | 6    | 3      | 24     | 0.3       | 2.6     | 1.7   | 94.2      | 18.2658 | 27.2594 |
| 2009 | 6     | 13  | 6    | 13     | 24     | 0.3       | 2.6     | 1.77  | 94.6      | 18.2915 | 28.4197 |
| 2009 | 6     | 13  | 6    | 23     | 24     | 0.3       | 2.6     | 1.75  | 93.9      | 18.2915 | 28.0455 |
| 2009 | 6     | 13  | 6    | 33     | 24     | 0.3       | 2.6     | 1.71  | 94.5      | 18.2915 | 27.4043 |
| 2009 | 6     | 13  | 6    | 43     | 24     | 0.3       | 2.6     | 1.76  | 93        | 18.2915 | 28.3128 |
| 2009 | 6     | 13  | 6    | 53     | 24     | 0.3       | 2.6     | 1.74  | 94        | 18.3171 | 28.0311 |
| 2009 | 6     | 13  | 7    | 3      | 24     | 0.3       | 2.6     | 1.75  | 94.3      | 18.2915 | 28.099  |
| 2009 | 6     | 13  | 7    | 13     | 24     | 0.3       | 2.6     | 1.76  | 93.2      | 18.3171 | 28.2987 |
| 2009 | 6     | 13  | 7    | 23     | 24     | 0.3       | 2.6     | 1.75  | 92.8      | 18.3171 | 28.1381 |
| 2009 | 6     | 13  | 7    | 33     | 24     | 0.3       | 2.6     | 1.75  | 93.6      | 18.3171 | 28.1917 |
| 2009 | 6     | 13  | 7    | 43     | 24     | 0.3       | 2.6     | 1.74  | 94.1      | 18.2915 | 27.9386 |
| 2009 | 6     | 13  | 7    | 53     | 24     | 0.3       | 2.6     | 1.74  | 93.3      | 18.3171 | 27.9241 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 13  | 8    | 3      | 24     | 0.3       | 2.6     | 1.73  | 93.7      | 18.3171 | 27.8705 |
| 2009 | 6     | 13  | 8    | 13     | 24     | 0.3       | 2.6     | 1.74  | 92.8      | 18.3171 | 27.9776 |
| 2009 | 6     | 13  | 8    | 23     | 24     | 0.3       | 2.6     | 1.74  | 95.3      | 18.3171 | 27.9776 |
| 2009 | 6     | 13  | 8    | 33     | 24     | 0.3       | 2.6     | 1.74  | 94.1      | 18.3171 | 27.9241 |
| 2009 | 6     | 13  | 8    | 43     | 24     | 0.3       | 2.6     | 1.73  | 93.6      | 18.3427 | 27.8022 |
| 2009 | 6     | 13  | 8    | 53     | 24     | 0.3       | 2.6     | 1.7   | 93.3      | 18.3171 | 27.389  |
| 2009 | 6     | 13  | 9    | 3      | 24     | 0.3       | 2.6     | 1.71  | 94.4      | 18.3171 | 27.4425 |
| 2009 | 6     | 13  | 9    | 13     | 24     | 0.3       | 2.6     | 1.76  | 95.3      | 18.3427 | 28.2309 |
| 2009 | 6     | 13  | 9    | 23     | 24     | 0.3       | 2.6     | 1.75  | 94.7      | 18.3171 | 28.1917 |
| 2009 | 6     | 13  | 9    | 33     | 24     | 0.3       | 2.6     | 1.74  | 95.6      | 18.3171 | 27.8705 |
| 2009 | 6     | 13  | 9    | 43     | 24     | 0.3       | 2.6     | 1.76  | 94.2      | 18.3171 | 28.2452 |
| 2009 | 6     | 13  | 9    | 53     | 24     | 0.3       | 2.6     | 1.75  | 93.1      | 18.3427 | 28.2309 |
| 2009 | 6     | 13  | 10   | 3      | 24     | 0.3       | 2.6     | 1.71  | 94.4      | 18.3427 | 27.4807 |
| 2009 | 6     | 13  | 10   | 13     | 24     | 0.3       | 2.6     | 1.77  | 94.6      | 18.3171 | 28.4057 |
| 2009 | 6     | 13  | 10   | 23     | 24     | 0.3       | 2.6     | 1.73  | 93.2      | 18.3171 | 27.7635 |
| 2009 | 6     | 13  | 10   | 33     | 24     | 0.3       | 2.6     | 1.78  | 93.9      | 18.3427 | 28.6597 |
| 2009 | 6     | 13  | 10   | 43     | 24     | 0.3       | 2.6     | 1.73  | 92.8      | 18.3427 | 27.9629 |
| 2009 | 6     | 13  | 10   | 53     | 24     | 0.3       | 2.6     | 1.73  | 92.5      | 18.3171 | 27.8705 |
| 2009 | 6     | 13  | 11   | 3      | 24     | 0.3       | 2.6     | 1.74  | 94        | 18.3171 | 28.0311 |
| 2009 | 6     | 13  | 11   | 13     | 24     | 0.3       | 2.6     | 1.79  | 94.5      | 18.3427 | 28.8205 |
| 2009 | 6     | 13  | 11   | 23     | 24     | 0.3       | 2.6     | 1.75  | 95.1      | 18.3171 | 28.0846 |
| 2009 | 6     | 13  | 11   | 33     | 24     | 0.3       | 2.6     | 1.75  | 94.5      | 18.3171 | 28.1917 |
| 2009 | 6     | 13  | 11   | 43     | 24     | 0.3       | 2.6     | 1.75  | 94.8      | 18.3171 | 28.1917 |
| 2009 | 6     | 13  | 11   | 53     | 24     | 0.3       | 2.6     | 1.72  | 96.7      | 18.3171 | 27.5495 |
| 2009 | 6     | 13  | 12   | 3      | 24     | 0.3       | 2.6     | 1.78  | 93.8      | 18.3171 | 28.6734 |
| 2009 | 6     | 13  | 12   | 13     | 24     | 0.3       | 2.6     | 1.69  | 92.4      | 18.3171 | 27.282  |
| 2009 | 6     | 13  | 12   | 23     | 24     | 0.3       | 2.6     | 1.73  | 94.9      | 18.3427 | 27.7486 |
| 2009 | 6     | 13  | 12   | 33     | 24     | 0.3       | 2.6     | 1.68  | 94.4      | 18.3427 | 27.1056 |
| 2009 | 6     | 13  | 12   | 43     | 24     | 0.3       | 2.6     | 1.74  | 91.7      | 18.3427 | 28.0701 |
| 2009 | 6     | 13  | 12   | 53     | 24     | 0.3       | 2.6     | 1.73  | 92.4      | 18.3427 | 27.9093 |
| 2009 | 6     | 13  | 13   | 3      | 24     | 0.3       | 2.6     | 1.76  | 94.9      | 18.3427 | 28.3381 |
| 2009 | 6     | 13  | 13   | 13     | 24     | 0.3       | 2.6     | 1.69  | 91.7      | 18.3427 | 27.3199 |
| 2009 | 6     | 13  | 13   | 23     | 24     | 0.3       | 2.6     | 1.74  | 94.9      | 18.3171 | 27.9776 |
| 2009 | 6     | 13  | 13   | 33     | 24     | 0.3       | 2.6     | 1.71  | 93.6      | 18.3171 | 27.496  |
| 2009 | 6     | 13  | 13   | 43     | 24     | 0.3       | 2.6     | 1.74  | 93.3      | 18.3171 | 27.9241 |
| 2009 | 6     | 13  | 13   | 53     | 24     | 0.3       | 2.6     | 1.73  | 92.5      | 18.3171 | 27.8705 |
| 2009 | 6     | 13  | 14   | 3      | 24     | 0.3       | 2.6     | 1.67  | 92.6      | 18.3171 | 26.961  |
| 2009 | 6     | 13  | 14   | 13     | 24     | 0.3       | 2.6     | 1.76  | 95.1      | 18.3171 | 28.2987 |
| 2009 | 6     | 13  | 14   | 23     | 24     | 0.3       | 2.6     | 1.72  | 92.2      | 18.3427 | 27.7486 |
| 2009 | 6     | 13  | 14   | 33     | 24     | 0.3       | 2.6     | 1.74  | 92.9      | 18.3427 | 28.1237 |
| 2009 | 6     | 13  | 14   | 43     | 24     | 0.3       | 2.6     | 1.76  | 93.4      | 18.3171 | 28.3522 |
| 2009 | 6     | 13  | 14   | 53     | 24     | 0.3       | 2.6     | 1.73  | 93        | 18.3427 | 27.9629 |
| 2009 | 6     | 13  | 15   | 3      | 24     | 0.3       | 2.6     | 1.75  | 91.3      | 18.3427 | 28.1773 |
| 2009 | 6     | 13  | 15   | 13     | 24     | 0.3       | 2.6     | 1.68  | 93.8      | 18.3171 | 27.0145 |
| 2009 | 6     | 13  | 15   | 23     | 24     | 0.3       | 2.6     | 1.74  | 92.7      | 18.3171 | 27.9776 |
| 2009 | 6     | 13  | 15   | 33     | 24     | 0.3       | 2.6     | 1.72  | 97        | 18.3171 | 27.5495 |
| 2009 | 6     | 13  | 15   | 43     | 24     | 0.3       | 2.6     | 1.75  | 91.4      | 18.3171 | 28.1917 |
| 2009 | 6     | 13  | 15   | 53     | 24     | 0.3       | 2.6     | 1.76  | 92.8      | 18.3171 | 28.3522 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 13  | 16   | 3      | 24     | 0.3       | 2.6     | 1.76  | 92.8      | 18.3171 | 28.3522 |
| 2009 | 6     | 13  | 16   | 13     | 24     | 0.3       | 2.6     | 1.72  | 92.8      | 18.3171 | 27.6565 |
| 2009 | 6     | 13  | 16   | 23     | 24     | 0.3       | 2.6     | 1.71  | 92.9      | 18.3171 | 27.496  |
| 2009 | 6     | 13  | 16   | 33     | 24     | 0.3       | 2.6     | 1.71  | 93.3      | 18.2915 | 27.4577 |
| 2009 | 6     | 13  | 16   | 43     | 24     | 0.3       | 2.6     | 1.69  | 93.6      | 18.2915 | 27.1906 |
| 2009 | 6     | 13  | 16   | 53     | 24     | 0.3       | 2.6     | 1.71  | 92.9      | 18.3171 | 27.496  |
| 2009 | 6     | 13  | 17   | 3      | 24     | 0.3       | 2.6     | 1.71  | 94.8      | 18.2915 | 27.4043 |
| 2009 | 6     | 13  | 17   | 13     | 24     | 0.3       | 2.6     | 1.71  | 91        | 18.2915 | 27.5111 |
| 2009 | 6     | 13  | 17   | 23     | 24     | 0.3       | 2.6     | 1.73  | 93.6      | 18.2915 | 27.8318 |
| 2009 | 6     | 13  | 17   | 33     | 24     | 0.3       | 2.6     | 1.77  | 93.8      | 18.2658 | 28.3267 |
| 2009 | 6     | 13  | 17   | 43     | 24     | 0.3       | 2.6     | 1.72  | 92.4      | 18.2658 | 27.6862 |
| 2009 | 6     | 13  | 17   | 53     | 24     | 0.3       | 2.6     | 1.77  | 94.8      | 18.2658 | 28.4334 |
| 2009 | 6     | 13  | 18   | 3      | 24     | 0.3       | 2.6     | 1.76  | 95.8      | 18.2658 | 28.1132 |
| 2009 | 6     | 13  | 18   | 13     | 24     | 0.3       | 2.6     | 1.78  | 95.8      | 18.2658 | 28.5402 |
| 2009 | 6     | 13  | 18   | 23     | 24     | 0.3       | 2.6     | 1.75  | 94.1      | 18.2658 | 28.0064 |
| 2009 | 6     | 13  | 18   | 33     | 24     | 0.3       | 2.6     | 1.75  | 94        | 18.2915 | 28.0455 |
| 2009 | 6     | 13  | 18   | 43     | 24     | 0.3       | 2.6     | 1.76  | 93.1      | 18.2915 | 28.2593 |
| 2009 | 6     | 13  | 18   | 53     | 24     | 0.3       | 2.6     | 1.73  | 94.4      | 18.2658 | 27.6862 |
| 2009 | 6     | 13  | 19   | 3      | 24     | 0.3       | 2.6     | 1.75  | 94.2      | 18.2915 | 28.0455 |
| 2009 | 6     | 13  | 19   | 13     | 24     | 0.3       | 2.6     | 1.72  | 94.4      | 18.2658 | 27.5262 |
| 2009 | 6     | 13  | 19   | 23     | 24     | 0.3       | 2.6     | 1.74  | 94.8      | 18.2658 | 27.793  |
| 2009 | 6     | 13  | 19   | 33     | 24     | 0.3       | 2.6     | 1.72  | 93.1      | 18.2915 | 27.5646 |
| 2009 | 6     | 13  | 19   | 43     | 24     | 0.3       | 2.6     | 1.71  | 93.1      | 18.2658 | 27.4728 |
| 2009 | 6     | 13  | 19   | 53     | 24     | 0.3       | 2.6     | 1.7   | 91.3      | 18.2915 | 27.2974 |
| 2009 | 6     | 13  | 20   | 3      | 24     | 0.3       | 2.6     | 1.75  | 93.3      | 18.2658 | 28.0598 |
| 2009 | 6     | 13  | 20   | 13     | 24     | 0.3       | 2.6     | 1.77  | 93.6      | 18.2658 | 28.3801 |
| 2009 | 6     | 13  | 20   | 23     | 24     | 0.3       | 2.6     | 1.7   | 91.5      | 18.2658 | 27.3127 |
| 2009 | 6     | 13  | 20   | 33     | 24     | 0.3       | 2.6     | 1.75  | 93.1      | 18.2658 | 28.0598 |
| 2009 | 6     | 13  | 20   | 43     | 24     | 0.3       | 2.6     | 1.73  | 92.4      | 18.2658 | 27.7396 |
| 2009 | 6     | 13  | 20   | 53     | 24     | 0.3       | 2.6     | 1.73  | 93.3      | 18.2658 | 27.7396 |
| 2009 | 6     | 13  | 21   | 3      | 24     | 0.3       | 2.6     | 1.71  | 93.1      | 18.2915 | 27.4043 |
| 2009 | 6     | 13  | 21   | 13     | 24     | 0.3       | 2.6     | 1.72  | 93.2      | 18.2658 | 27.5262 |
| 2009 | 6     | 13  | 21   | 23     | 24     | 0.3       | 2.6     | 1.71  | 94.8      | 18.2658 | 27.3661 |
| 2009 | 6     | 13  | 21   | 33     | 24     | 0.3       | 2.6     | 1.69  | 92.3      | 18.2658 | 27.1527 |
| 2009 | 6     | 13  | 21   | 43     | 24     | 0.3       | 2.6     | 1.72  | 94.8      | 18.2658 | 27.4728 |
| 2009 | 6     | 13  | 21   | 53     | 24     | 0.3       | 2.6     | 1.7   | 93        | 18.2658 | 27.2594 |
| 2009 | 6     | 13  | 22   | 3      | 24     | 0.3       | 2.6     | 1.72  | 94.5      | 18.2658 | 27.5262 |
| 2009 | 6     | 13  | 22   | 13     | 24     | 0.3       | 2.6     | 1.72  | 94.7      | 18.2658 | 27.5262 |
| 2009 | 6     | 13  | 22   | 23     | 24     | 0.3       | 2.6     | 1.72  | 93.1      | 18.2658 | 27.6329 |
| 2009 | 6     | 13  | 22   | 33     | 24     | 0.3       | 2.6     | 1.72  | 91.9      | 18.2658 | 27.6329 |
| 2009 | 6     | 13  | 22   | 43     | 24     | 0.3       | 2.6     | 1.71  | 92.8      | 18.2658 | 27.4194 |
| 2009 | 6     | 13  | 22   | 53     | 24     | 0.3       | 2.6     | 1.7   | 95.3      | 18.2658 | 27.2594 |
| 2009 | 6     | 13  | 23   | 3      | 24     | 0.3       | 2.6     | 1.72  | 93.4      | 18.2658 | 27.5262 |
| 2009 | 6     | 13  | 23   | 13     | 24     | 0.3       | 2.6     | 1.7   | 92.4      | 18.2658 | 27.3661 |
| 2009 | 6     | 13  | 23   | 23     | 24     | 0.3       | 2.6     | 1.7   | 93.4      | 18.2658 | 27.2594 |
| 2009 | 6     | 13  | 23   | 33     | 24     | 0.3       | 2.6     | 1.71  | 94        | 18.2658 | 27.3661 |
| 2009 | 6     | 13  | 23   | 43     | 24     | 0.3       | 2.6     | 1.76  | 95.9      | 18.2402 | 28.1806 |
| 2009 | 6     | 13  | 23   | 53     | 24     | 0.3       | 2.6     | 1.75  | 94.5      | 18.2402 | 28.0207 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 14  | 0    | 3      | 24     | 0.3       | 2.6     | 1.76  | 94.2      | 18.2402 | 28.1806 |
| 2009 | 6     | 14  | 0    | 13     | 24     | 0.3       | 2.6     | 1.7   | 91.9      | 18.2402 | 27.3279 |
| 2009 | 6     | 14  | 0    | 23     | 24     | 0.3       | 2.6     | 1.77  | 95.1      | 18.2402 | 28.3405 |
| 2009 | 6     | 14  | 0    | 33     | 24     | 0.3       | 2.6     | 1.71  | 95.3      | 18.2402 | 27.3279 |
| 2009 | 6     | 14  | 0    | 43     | 24     | 0.3       | 2.6     | 1.73  | 93.9      | 18.2402 | 27.6476 |
| 2009 | 6     | 14  | 0    | 53     | 24     | 0.3       | 2.6     | 1.73  | 93.8      | 18.2402 | 27.6476 |
| 2009 | 6     | 14  | 1    | 3      | 24     | 0.3       | 2.6     | 1.7   | 94.1      | 18.2402 | 27.2746 |
| 2009 | 6     | 14  | 1    | 13     | 24     | 0.3       | 2.6     | 1.74  | 94        | 18.2146 | 27.7686 |
| 2009 | 6     | 14  | 1    | 23     | 24     | 0.3       | 2.6     | 1.69  | 91.6      | 18.2402 | 27.1681 |
| 2009 | 6     | 14  | 1    | 33     | 24     | 0.3       | 2.6     | 1.75  | 93.2      | 18.2146 | 28.0347 |
| 2009 | 6     | 14  | 1    | 43     | 24     | 0.3       | 2.6     | 1.73  | 94.4      | 18.2146 | 27.609  |
| 2009 | 6     | 14  | 1    | 53     | 24     | 0.3       | 2.6     | 1.7   | 92.2      | 18.2146 | 27.1833 |
| 2009 | 6     | 14  | 2    | 3      | 24     | 0.3       | 2.6     | 1.76  | 92.5      | 18.2146 | 28.2476 |
| 2009 | 6     | 14  | 2    | 13     | 24     | 0.3       | 2.6     | 1.77  | 93.9      | 18.2146 | 28.2476 |
| 2009 | 6     | 14  | 2    | 23     | 24     | 0.3       | 2.6     | 1.73  | 92.5      | 18.2146 | 27.6622 |
| 2009 | 6     | 14  | 2    | 33     | 24     | 0.3       | 2.6     | 1.72  | 93.3      | 18.2146 | 27.5026 |
| 2009 | 6     | 14  | 2    | 43     | 24     | 0.3       | 2.6     | 1.73  | 93.6      | 18.2146 | 27.6622 |
| 2009 | 6     | 14  | 2    | 53     | 24     | 0.3       | 2.6     | 1.72  | 94.5      | 18.2146 | 27.5026 |
| 2009 | 6     | 14  | 3    | 3      | 24     | 0.3       | 2.6     | 1.74  | 91.5      | 18.2146 | 27.8751 |
| 2009 | 6     | 14  | 3    | 13     | 24     | 0.3       | 2.6     | 1.74  | 95.2      | 18.189  | 27.7298 |
| 2009 | 6     | 14  | 3    | 23     | 24     | 0.3       | 2.6     | 1.69  | 92.8      | 18.189  | 27.0922 |
| 2009 | 6     | 14  | 3    | 33     | 24     | 0.3       | 2.6     | 1.73  | 94.8      | 18.189  | 27.5704 |
| 2009 | 6     | 14  | 3    | 43     | 24     | 0.3       | 2.6     | 1.73  | 94.2      | 18.189  | 27.5704 |
| 2009 | 6     | 14  | 3    | 53     | 24     | 0.3       | 2.6     | 1.71  | 93.6      | 18.189  | 27.2516 |
| 2009 | 6     | 14  | 4    | 3      | 24     | 0.3       | 2.6     | 1.72  | 93.9      | 18.189  | 27.411  |
| 2009 | 6     | 14  | 4    | 13     | 24     | 0.3       | 2.6     | 1.73  | 94        | 18.189  | 27.6235 |
| 2009 | 6     | 14  | 4    | 23     | 24     | 0.3       | 2.6     | 1.77  | 95.3      | 18.189  | 28.2613 |
| 2009 | 6     | 14  | 4    | 33     | 24     | 0.3       | 2.6     | 1.69  | 94.1      | 18.1634 | 27.0012 |
| 2009 | 6     | 14  | 4    | 43     | 24     | 0.3       | 2.6     | 1.74  | 94.9      | 18.1634 | 27.691  |
| 2009 | 6     | 14  | 4    | 53     | 24     | 0.3       | 2.6     | 1.72  | 91.9      | 18.1634 | 27.4256 |
| 2009 | 6     | 14  | 5    | 3      | 24     | 0.3       | 2.6     | 1.69  | 92.6      | 18.1634 | 27.0542 |
| 2009 | 6     | 14  | 5    | 13     | 24     | 0.3       | 2.6     | 1.73  | 92.8      | 18.1634 | 27.6379 |
| 2009 | 6     | 14  | 5    | 23     | 24     | 0.3       | 2.6     | 1.75  | 91.2      | 18.1634 | 28.0094 |
| 2009 | 6     | 14  | 5    | 33     | 24     | 0.3       | 2.6     | 1.68  | 95.3      | 18.1634 | 26.7359 |
| 2009 | 6     | 14  | 5    | 43     | 24     | 0.3       | 2.6     | 1.75  | 92.4      | 18.1634 | 28.0094 |
| 2009 | 6     | 14  | 5    | 53     | 24     | 0.3       | 2.6     | 1.75  | 94.1      | 18.1634 | 27.8502 |
| 2009 | 6     | 14  | 6    | 3      | 24     | 0.3       | 2.6     | 1.73  | 92.5      | 18.1634 | 27.6379 |
| 2009 | 6     | 14  | 6    | 13     | 24     | 0.3       | 2.6     | 1.72  | 94.2      | 18.1378 | 27.3342 |
| 2009 | 6     | 14  | 6    | 23     | 24     | 0.3       | 2.6     | 1.71  | 91.5      | 18.1634 | 27.3195 |
| 2009 | 6     | 14  | 6    | 33     | 24     | 0.3       | 2.6     | 1.76  | 94.9      | 18.1378 | 28.0231 |
| 2009 | 6     | 14  | 6    | 43     | 24     | 0.3       | 2.6     | 1.73  | 93.3      | 18.1378 | 27.5462 |
| 2009 | 6     | 14  | 6    | 53     | 24     | 0.3       | 2.6     | 1.74  | 96.5      | 18.1378 | 27.5462 |
| 2009 | 6     | 14  | 7    | 3      | 24     | 0.3       | 2.6     | 1.78  | 93.5      | 18.1378 | 28.3412 |
| 2009 | 6     | 14  | 7    | 13     | 24     | 0.3       | 2.6     | 1.74  | 91        | 18.1378 | 27.7581 |
| 2009 | 6     | 14  | 7    | 23     | 24     | 0.3       | 2.6     | 1.77  | 92.3      | 18.1378 | 28.1821 |
| 2009 | 6     | 14  | 7    | 33     | 24     | 0.3       | 2.6     | 1.76  | 93        | 18.1378 | 28.0761 |
| 2009 | 6     | 14  | 7    | 43     | 24     | 0.3       | 2.6     | 1.74  | 95.1      | 18.1378 | 27.7051 |
| 2009 | 6     | 14  | 7    | 53     | 24     | 0.3       | 2.6     | 1.7   | 93        | 18.1378 | 27.0693 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 14  | 8    | 3      | 24     | 0.3       | 2.6     | 1.73  | 93        | 18.1378 | 27.5991 |
| 2009 | 6     | 14  | 8    | 13     | 24     | 0.3       | 2.6     | 1.71  | 93.5      | 18.1378 | 27.2812 |
| 2009 | 6     | 14  | 8    | 23     | 24     | 0.3       | 2.6     | 1.69  | 91.4      | 18.1378 | 26.9633 |
| 2009 | 6     | 14  | 8    | 33     | 24     | 0.3       | 2.6     | 1.76  | 91.2      | 18.1378 | 28.0231 |
| 2009 | 6     | 14  | 8    | 43     | 24     | 0.3       | 2.6     | 1.72  | 94.6      | 18.1122 | 27.3487 |
| 2009 | 6     | 14  | 8    | 53     | 24     | 0.3       | 2.6     | 1.71  | 94.1      | 18.1378 | 27.2282 |
| 2009 | 6     | 14  | 9    | 3      | 24     | 0.3       | 2.6     | 1.72  | 93.6      | 18.1378 | 27.4402 |
| 2009 | 6     | 14  | 9    | 13     | 24     | 0.3       | 2.6     | 1.69  | 95.6      | 18.1122 | 26.8726 |
| 2009 | 6     | 14  | 9    | 23     | 24     | 0.3       | 2.6     | 1.69  | 90.7      | 18.1122 | 26.8726 |
| 2009 | 6     | 14  | 9    | 33     | 24     | 0.3       | 2.6     | 1.72  | 94.7      | 18.1122 | 27.3487 |
| 2009 | 6     | 14  | 9    | 43     | 24     | 0.3       | 2.6     | 1.7   | 93.3      | 18.1122 | 27.0313 |
| 2009 | 6     | 14  | 9    | 53     | 24     | 0.3       | 2.6     | 1.72  | 93.9      | 18.1122 | 27.4017 |
| 2009 | 6     | 14  | 10   | 3      | 24     | 0.3       | 2.6     | 1.69  | 93.8      | 18.1122 | 26.8197 |
| 2009 | 6     | 14  | 10   | 13     | 24     | 0.3       | 2.6     | 1.68  | 92.1      | 18.1122 | 26.7139 |
| 2009 | 6     | 14  | 10   | 23     | 24     | 0.3       | 2.6     | 1.73  | 94.7      | 18.1122 | 27.5075 |
| 2009 | 6     | 14  | 10   | 33     | 24     | 0.3       | 2.6     | 1.77  | 93.8      | 18.1122 | 28.0896 |
| 2009 | 6     | 14  | 10   | 43     | 24     | 0.3       | 2.6     | 1.72  | 93.9      | 18.1122 | 27.4017 |
| 2009 | 6     | 14  | 10   | 53     | 24     | 0.3       | 2.6     | 1.74  | 93.9      | 18.1122 | 27.6133 |
| 2009 | 6     | 14  | 11   | 3      | 24     | 0.3       | 2.6     | 1.69  | 93.7      | 18.1122 | 26.8726 |
| 2009 | 6     | 14  | 11   | 13     | 24     | 0.3       | 2.6     | 1.74  | 94.2      | 18.1122 | 27.7192 |
| 2009 | 6     | 14  | 11   | 23     | 24     | 0.3       | 2.6     | 1.71  | 93.3      | 18.1122 | 27.1371 |
| 2009 | 6     | 14  | 11   | 33     | 24     | 0.3       | 2.6     | 1.75  | 95.8      | 18.1122 | 27.7192 |
| 2009 | 6     | 14  | 11   | 43     | 24     | 0.3       | 2.6     | 1.71  | 95.8      | 18.1122 | 27.1371 |
| 2009 | 6     | 14  | 11   | 53     | 24     | 0.3       | 2.6     | 1.75  | 94.1      | 18.1122 | 27.7721 |
| 2009 | 6     | 14  | 12   | 3      | 24     | 0.3       | 2.6     | 1.77  | 94.5      | 18.1122 | 28.1426 |
| 2009 | 6     | 14  | 12   | 13     | 24     | 0.3       | 2.6     | 1.73  | 95.3      | 18.1122 | 27.5075 |
| 2009 | 6     | 14  | 12   | 23     | 24     | 0.3       | 2.6     | 1.73  | 94.1      | 18.1122 | 27.5075 |
| 2009 | 6     | 14  | 12   | 33     | 24     | 0.3       | 2.6     | 1.74  | 93.9      | 18.1122 | 27.7192 |
| 2009 | 6     | 14  | 12   | 43     | 24     | 0.3       | 2.6     | 1.72  | 93.3      | 18.1122 | 27.2958 |
| 2009 | 6     | 14  | 12   | 53     | 24     | 0.3       | 2.6     | 1.74  | 94.8      | 18.1122 | 27.6133 |
| 2009 | 6     | 14  | 13   | 3      | 24     | 0.3       | 2.6     | 1.73  | 92.8      | 18.1122 | 27.5075 |
| 2009 | 6     | 14  | 13   | 13     | 24     | 0.3       | 2.6     | 1.75  | 92.8      | 18.1122 | 27.825  |
| 2009 | 6     | 14  | 13   | 23     | 24     | 0.3       | 2.6     | 1.71  | 94.4      | 18.1122 | 27.2429 |
| 2009 | 6     | 14  | 13   | 33     | 24     | 0.3       | 2.6     | 1.74  | 93.9      | 18.1122 | 27.6133 |
| 2009 | 6     | 14  | 13   | 43     | 24     | 0.3       | 2.6     | 1.75  | 95        | 18.1122 | 27.7721 |
| 2009 | 6     | 14  | 13   | 53     | 24     | 0.3       | 2.6     | 1.72  | 92.1      | 18.1122 | 27.4017 |
| 2009 | 6     | 14  | 14   | 3      | 24     | 0.3       | 2.6     | 1.7   | 95.2      | 18.1122 | 26.9255 |
| 2009 | 6     | 14  | 14   | 13     | 24     | 0.3       | 2.6     | 1.67  | 93.8      | 18.1122 | 26.5552 |
| 2009 | 6     | 14  | 14   | 23     | 24     | 0.3       | 2.6     | 1.72  | 92        | 18.1122 | 27.4017 |
| 2009 | 6     | 14  | 14   | 33     | 24     | 0.3       | 2.6     | 1.75  | 96        | 18.1122 | 27.6662 |
| 2009 | 6     | 14  | 14   | 43     | 24     | 0.3       | 2.6     | 1.77  | 91.7      | 18.1122 | 28.1955 |
| 2009 | 6     | 14  | 14   | 53     | 24     | 0.3       | 2.6     | 1.73  | 93.1      | 18.1122 | 27.5604 |
| 2009 | 6     | 14  | 15   | 3      | 24     | 0.3       | 2.6     | 1.74  | 93.8      | 18.1122 | 27.7192 |
| 2009 | 6     | 14  | 15   | 13     | 24     | 0.3       | 2.6     | 1.72  | 93        | 18.1122 | 27.3487 |
| 2009 | 6     | 14  | 15   | 23     | 24     | 0.3       | 2.6     | 1.74  | 92.5      | 18.0866 | 27.6802 |
| 2009 | 6     | 14  | 15   | 33     | 24     | 0.3       | 2.6     | 1.75  | 93.3      | 18.1122 | 27.9309 |
| 2009 | 6     | 14  | 15   | 43     | 24     | 0.3       | 2.6     | 1.73  | 94.7      | 18.1122 | 27.4546 |
| 2009 | 6     | 14  | 15   | 53     | 24     | 0.3       | 2.6     | 1.72  | 94.6      | 18.1122 | 27.2958 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 14  | 16   | 3      | 24     | 0.3       | 2.6     | 1.72  | 93.8      | 18.1122 | 27.4017 |
| 2009 | 6     | 14  | 16   | 13     | 24     | 0.3       | 2.6     | 1.75  | 94.1      | 18.0866 | 27.7859 |
| 2009 | 6     | 14  | 16   | 23     | 24     | 0.3       | 2.6     | 1.74  | 93.8      | 18.0866 | 27.6802 |
| 2009 | 6     | 14  | 16   | 33     | 24     | 0.3       | 2.6     | 1.76  | 96.5      | 18.0866 | 27.7859 |
| 2009 | 6     | 14  | 16   | 43     | 24     | 0.3       | 2.6     | 1.69  | 91.1      | 18.0866 | 26.8876 |
| 2009 | 6     | 14  | 16   | 53     | 24     | 0.3       | 2.6     | 1.76  | 94.9      | 18.061  | 27.7996 |
| 2009 | 6     | 14  | 17   | 3      | 24     | 0.3       | 2.6     | 1.71  | 93.8      | 18.0866 | 27.2046 |
| 2009 | 6     | 14  | 17   | 13     | 24     | 0.3       | 2.6     | 1.75  | 94.5      | 18.061  | 27.7996 |
| 2009 | 6     | 14  | 17   | 23     | 24     | 0.3       | 2.6     | 1.74  | 93.4      | 18.061  | 27.5885 |
| 2009 | 6     | 14  | 17   | 33     | 24     | 0.3       | 2.6     | 1.73  | 93.6      | 18.061  | 27.3774 |
| 2009 | 6     | 14  | 17   | 43     | 24     | 0.3       | 2.6     | 1.7   | 92.4      | 18.061  | 27.0081 |
| 2009 | 6     | 14  | 17   | 53     | 24     | 0.3       | 2.6     | 1.74  | 94.6      | 18.061  | 27.6412 |
| 2009 | 6     | 14  | 18   | 3      | 24     | 0.3       | 2.6     | 1.7   | 93.8      | 18.061  | 26.9553 |
| 2009 | 6     | 14  | 18   | 13     | 24     | 0.3       | 2.6     | 1.69  | 92.3      | 18.061  | 26.797  |
| 2009 | 6     | 14  | 18   | 23     | 24     | 0.3       | 2.6     | 1.72  | 94.2      | 18.061  | 27.2719 |
| 2009 | 6     | 14  | 18   | 33     | 24     | 0.3       | 2.6     | 1.76  | 94.8      | 18.0354 | 27.8658 |
| 2009 | 6     | 14  | 18   | 43     | 24     | 0.3       | 2.6     | 1.72  | 94.1      | 18.0354 | 27.1807 |
| 2009 | 6     | 14  | 18   | 53     | 24     | 0.3       | 2.6     | 1.66  | 92.8      | 18.0354 | 26.2325 |
| 2009 | 6     | 14  | 19   | 3      | 24     | 0.3       | 2.6     | 1.73  | 92.6      | 18.0354 | 27.4442 |
| 2009 | 6     | 14  | 19   | 13     | 24     | 0.3       | 2.6     | 1.72  | 93.7      | 18.0354 | 27.1807 |
| 2009 | 6     | 14  | 19   | 23     | 24     | 0.3       | 2.6     | 1.73  | 93.3      | 18.0354 | 27.3388 |
| 2009 | 6     | 14  | 19   | 33     | 24     | 0.3       | 2.6     | 1.72  | 93.6      | 18.061  | 27.2719 |
| 2009 | 6     | 14  | 19   | 43     | 24     | 0.3       | 2.6     | 1.69  | 92.9      | 18.0354 | 26.7066 |
| 2009 | 6     | 14  | 19   | 53     | 24     | 0.3       | 2.6     | 1.73  | 94.6      | 18.0354 | 27.3915 |
| 2009 | 6     | 14  | 20   | 3      | 24     | 0.3       | 2.6     | 1.72  | 93.3      | 18.0354 | 27.2861 |
| 2009 | 6     | 14  | 20   | 13     | 24     | 0.3       | 2.6     | 1.72  | 93.5      | 18.0354 | 27.1807 |
| 2009 | 6     | 14  | 20   | 23     | 24     | 0.3       | 2.6     | 1.7   | 95.5      | 18.0354 | 26.8646 |
| 2009 | 6     | 14  | 20   | 33     | 24     | 0.3       | 2.6     | 1.68  | 92.3      | 18.0354 | 26.6539 |
| 2009 | 6     | 14  | 20   | 43     | 24     | 0.3       | 2.6     | 1.72  | 93.6      | 18.0354 | 27.1807 |
| 2009 | 6     | 14  | 20   | 53     | 24     | 0.3       | 2.6     | 1.73  | 94.4      | 18.0098 | 27.4055 |
| 2009 | 6     | 14  | 21   | 3      | 24     | 0.3       | 2.6     | 1.7   | 94.1      | 18.0354 | 26.8646 |
| 2009 | 6     | 14  | 21   | 13     | 24     | 0.3       | 2.6     | 1.74  | 93.6      | 18.0354 | 27.4969 |
| 2009 | 6     | 14  | 21   | 23     | 24     | 0.3       | 2.6     | 1.71  | 93.4      | 18.0354 | 27.0227 |
| 2009 | 6     | 14  | 21   | 33     | 24     | 0.3       | 2.6     | 1.76  | 92.9      | 18.0354 | 27.9185 |
| 2009 | 6     | 14  | 21   | 43     | 24     | 0.3       | 2.6     | 1.69  | 92        | 18.0354 | 26.812  |
| 2009 | 6     | 14  | 21   | 53     | 24     | 0.3       | 2.6     | 1.71  | 92.3      | 18.0098 | 27.0898 |
| 2009 | 6     | 14  | 22   | 3      | 24     | 0.3       | 2.6     | 1.74  | 93.2      | 18.0098 | 27.5107 |
| 2009 | 6     | 14  | 22   | 13     | 24     | 0.3       | 2.6     | 1.72  | 94.8      | 18.0098 | 27.0898 |
| 2009 | 6     | 14  | 22   | 23     | 24     | 0.3       | 2.6     | 1.71  | 94.5      | 18.0098 | 26.9846 |
| 2009 | 6     | 14  | 22   | 33     | 24     | 0.3       | 2.6     | 1.74  | 93.7      | 18.0098 | 27.4581 |
| 2009 | 6     | 14  | 22   | 43     | 24     | 0.3       | 2.6     | 1.71  | 93.4      | 18.0098 | 27.0898 |
| 2009 | 6     | 14  | 22   | 53     | 24     | 0.3       | 2.6     | 1.73  | 92.7      | 18.0098 | 27.4055 |
| 2009 | 6     | 14  | 23   | 3      | 24     | 0.3       | 2.6     | 1.72  | 92.2      | 18.0098 | 27.195  |
| 2009 | 6     | 14  | 23   | 13     | 24     | 0.3       | 2.6     | 1.68  | 90.8      | 18.0098 | 26.6689 |
| 2009 | 6     | 14  | 23   | 23     | 24     | 0.3       | 2.6     | 1.76  | 96.6      | 18.0098 | 27.7739 |
| 2009 | 6     | 14  | 23   | 33     | 24     | 0.3       | 2.6     | 1.74  | 94.8      | 18.0098 | 27.5107 |
| 2009 | 6     | 14  | 23   | 43     | 24     | 0.3       | 2.6     | 1.73  | 94.9      | 17.9842 | 27.3142 |
| 2009 | 6     | 14  | 23   | 53     | 24     | 0.3       | 2.6     | 1.73  | 94.1      | 17.9842 | 27.3668 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 15  | 0    | 3      | 24     | 0.3       | 2.6     | 1.75  | 93.2      | 17.9842 | 27.6821 |
| 2009 | 6     | 15  | 0    | 13     | 24     | 0.3       | 2.6     | 1.74  | 92.9      | 17.9842 | 27.4719 |
| 2009 | 6     | 15  | 0    | 23     | 24     | 0.3       | 2.6     | 1.7   | 93.2      | 17.9842 | 26.8939 |
| 2009 | 6     | 15  | 0    | 33     | 24     | 0.3       | 2.6     | 1.75  | 92.9      | 17.9842 | 27.6821 |
| 2009 | 6     | 15  | 0    | 43     | 24     | 0.3       | 2.6     | 1.73  | 91        | 17.9842 | 27.3142 |
| 2009 | 6     | 15  | 0    | 53     | 24     | 0.3       | 2.6     | 1.71  | 94.8      | 17.9842 | 26.999  |
| 2009 | 6     | 15  | 1    | 3      | 24     | 0.3       | 2.6     | 1.73  | 95.3      | 17.9842 | 27.2617 |
| 2009 | 6     | 15  | 1    | 13     | 24     | 0.3       | 2.6     | 1.68  | 94.1      | 17.9842 | 26.5787 |
| 2009 | 6     | 15  | 1    | 23     | 24     | 0.3       | 2.6     | 1.69  | 91.3      | 17.9587 | 26.751  |
| 2009 | 6     | 15  | 1    | 33     | 24     | 0.3       | 2.6     | 1.76  | 93        | 17.9587 | 27.8004 |
| 2009 | 6     | 15  | 1    | 43     | 24     | 0.3       | 2.6     | 1.76  | 92.1      | 17.9587 | 27.8528 |
| 2009 | 6     | 15  | 1    | 53     | 24     | 0.3       | 2.6     | 1.69  | 90.8      | 17.9587 | 26.646  |
| 2009 | 6     | 15  | 2    | 3      | 24     | 0.3       | 2.6     | 1.74  | 93.5      | 17.9587 | 27.433  |
| 2009 | 6     | 15  | 2    | 13     | 24     | 0.3       | 2.6     | 1.73  | 92.6      | 17.9587 | 27.2756 |
| 2009 | 6     | 15  | 2    | 23     | 24     | 0.3       | 2.6     | 1.73  | 90.4      | 17.9587 | 27.3805 |
| 2009 | 6     | 15  | 2    | 33     | 24     | 0.3       | 2.6     | 1.7   | 94.5      | 17.9587 | 26.751  |
| 2009 | 6     | 15  | 2    | 43     | 24     | 0.3       | 2.6     | 1.77  | 93.8      | 17.9587 | 27.8528 |
| 2009 | 6     | 15  | 2    | 53     | 24     | 0.3       | 2.6     | 1.76  | 93.4      | 17.9587 | 27.7479 |
| 2009 | 6     | 15  | 3    | 3      | 24     | 0.3       | 2.6     | 1.74  | 94        | 17.9587 | 27.3805 |
| 2009 | 6     | 15  | 3    | 13     | 24     | 0.3       | 2.6     | 1.76  | 91        | 17.9331 | 27.761  |
| 2009 | 6     | 15  | 3    | 23     | 24     | 0.3       | 2.6     | 1.7   | 94.1      | 17.9331 | 26.7655 |
| 2009 | 6     | 15  | 3    | 33     | 24     | 0.3       | 2.6     | 1.7   | 92.5      | 17.9587 | 26.9083 |
| 2009 | 6     | 15  | 3    | 43     | 24     | 0.3       | 2.6     | 1.77  | 91.5      | 17.9331 | 27.8658 |
| 2009 | 6     | 15  | 3    | 53     | 24     | 0.3       | 2.6     | 1.73  | 92.6      | 17.9331 | 27.3418 |
| 2009 | 6     | 15  | 4    | 3      | 24     | 0.3       | 2.6     | 1.71  | 93.1      | 17.9331 | 26.9226 |
| 2009 | 6     | 15  | 4    | 13     | 24     | 0.3       | 2.6     | 1.68  | 93.1      | 17.9331 | 26.5036 |
| 2009 | 6     | 15  | 4    | 23     | 24     | 0.3       | 2.6     | 1.72  | 92.4      | 17.9331 | 27.0798 |
| 2009 | 6     | 15  | 4    | 33     | 24     | 0.3       | 2.6     | 1.74  | 93.7      | 17.9331 | 27.3942 |
| 2009 | 6     | 15  | 4    | 43     | 24     | 0.3       | 2.6     | 1.7   | 93.1      | 17.9331 | 26.8179 |
| 2009 | 6     | 15  | 4    | 53     | 24     | 0.3       | 2.6     | 1.71  | 93.1      | 17.9331 | 26.8702 |
| 2009 | 6     | 15  | 5    | 3      | 24     | 0.3       | 2.6     | 1.7   | 95.3      | 17.9331 | 26.7131 |
| 2009 | 6     | 15  | 5    | 13     | 24     | 0.3       | 2.6     | 1.8   | 95.8      | 17.9331 | 28.3375 |
| 2009 | 6     | 15  | 5    | 23     | 24     | 0.3       | 2.6     | 1.72  | 92.5      | 17.9076 | 27.0937 |
| 2009 | 6     | 15  | 5    | 33     | 24     | 0.3       | 2.6     | 1.73  | 94.2      | 17.9076 | 27.2507 |
| 2009 | 6     | 15  | 5    | 43     | 24     | 0.3       | 2.6     | 1.71  | 92.2      | 17.9076 | 26.9891 |
| 2009 | 6     | 15  | 5    | 53     | 24     | 0.3       | 2.6     | 1.7   | 92.8      | 17.9076 | 26.7798 |
| 2009 | 6     | 15  | 6    | 3      | 24     | 0.3       | 2.6     | 1.77  | 93.7      | 17.9076 | 27.774  |
| 2009 | 6     | 15  | 6    | 13     | 24     | 0.3       | 2.6     | 1.75  | 93.2      | 17.9076 | 27.5123 |
| 2009 | 6     | 15  | 6    | 23     | 24     | 0.3       | 2.6     | 1.7   | 93.1      | 17.9076 | 26.6752 |
| 2009 | 6     | 15  | 6    | 33     | 24     | 0.3       | 2.6     | 1.75  | 93.9      | 17.9076 | 27.46   |
| 2009 | 6     | 15  | 6    | 43     | 24     | 0.3       | 2.6     | 1.71  | 94.5      | 17.9076 | 26.9368 |
| 2009 | 6     | 15  | 6    | 53     | 24     | 0.3       | 2.6     | 1.75  | 93.2      | 17.9076 | 27.5646 |
| 2009 | 6     | 15  | 7    | 3      | 24     | 0.3       | 2.6     | 1.73  | 96        | 17.9076 | 27.146  |
| 2009 | 6     | 15  | 7    | 13     | 24     | 0.3       | 2.6     | 1.73  | 91.6      | 17.9076 | 27.1984 |
| 2009 | 6     | 15  | 7    | 23     | 24     | 0.3       | 2.6     | 1.73  | 92.9      | 17.9076 | 27.2507 |
| 2009 | 6     | 15  | 7    | 33     | 24     | 0.3       | 2.6     | 1.71  | 92.2      | 17.882  | 26.8985 |
| 2009 | 6     | 15  | 7    | 43     | 24     | 0.3       | 2.6     | 1.72  | 90.2      | 17.882  | 27.003  |
| 2009 | 6     | 15  | 7    | 53     | 24     | 0.3       | 2.6     | 1.7   | 92.1      | 17.9076 | 26.7275 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 15  | 8    | 3      | 24     | 0.3       | 2.6     | 1.75  | 93.2      | 17.882  | 27.4733 |
| 2009 | 6     | 15  | 8    | 13     | 24     | 0.3       | 2.6     | 1.72  | 94.5      | 17.882  | 26.9508 |
| 2009 | 6     | 15  | 8    | 23     | 24     | 0.3       | 2.6     | 1.7   | 93.2      | 17.882  | 26.6373 |
| 2009 | 6     | 15  | 8    | 33     | 24     | 0.3       | 2.6     | 1.73  | 95.2      | 17.882  | 27.1598 |
| 2009 | 6     | 15  | 8    | 43     | 24     | 0.3       | 2.6     | 1.7   | 92.5      | 17.882  | 26.7941 |
| 2009 | 6     | 15  | 8    | 53     | 24     | 0.3       | 2.6     | 1.71  | 93.2      | 17.882  | 26.7941 |
| 2009 | 6     | 15  | 9    | 3      | 24     | 0.3       | 2.6     | 1.74  | 94.7      | 17.882  | 27.2642 |
| 2009 | 6     | 15  | 9    | 13     | 24     | 0.3       | 2.6     | 1.73  | 94.7      | 17.882  | 27.212  |
| 2009 | 6     | 15  | 9    | 23     | 24     | 0.3       | 2.6     | 1.69  | 95.3      | 17.882  | 26.4806 |
| 2009 | 6     | 15  | 9    | 33     | 24     | 0.3       | 2.6     | 1.71  | 90.8      | 17.882  | 26.9508 |
| 2009 | 6     | 15  | 9    | 43     | 24     | 0.3       | 2.6     | 1.69  | 95        | 17.882  | 26.4284 |
| 2009 | 6     | 15  | 9    | 53     | 24     | 0.3       | 2.6     | 1.73  | 91.4      | 17.882  | 27.1598 |
| 2009 | 6     | 15  | 10   | 3      | 24     | 0.3       | 2.6     | 1.73  | 93.3      | 17.882  | 27.1598 |
| 2009 | 6     | 15  | 10   | 13     | 24     | 0.3       | 2.6     | 1.74  | 93.2      | 17.882  | 27.3165 |
| 2009 | 6     | 15  | 10   | 23     | 24     | 0.3       | 2.6     | 1.69  | 91.1      | 17.882  | 26.6373 |
| 2009 | 6     | 15  | 10   | 33     | 24     | 0.3       | 2.6     | 1.72  | 95.1      | 17.882  | 26.9508 |
| 2009 | 6     | 15  | 10   | 43     | 24     | 0.3       | 2.6     | 1.74  | 93.2      | 17.882  | 27.3165 |
| 2009 | 6     | 15  | 10   | 53     | 24     | 0.3       | 2.6     | 1.77  | 95.1      | 17.882  | 27.7345 |
| 2009 | 6     | 15  | 11   | 3      | 24     | 0.3       | 2.6     | 1.69  | 92.3      | 17.882  | 26.5851 |
| 2009 | 6     | 15  | 11   | 13     | 24     | 0.3       | 2.6     | 1.73  | 95.8      | 17.882  | 27.0553 |
| 2009 | 6     | 15  | 11   | 23     | 24     | 0.3       | 2.6     | 1.76  | 94.9      | 17.882  | 27.6823 |
| 2009 | 6     | 15  | 11   | 33     | 24     | 0.3       | 2.6     | 1.7   | 93.4      | 17.882  | 26.6373 |
| 2009 | 6     | 15  | 11   | 43     | 24     | 0.3       | 2.6     | 1.75  | 93.7      | 17.882  | 27.421  |
| 2009 | 6     | 15  | 11   | 53     | 24     | 0.3       | 2.6     | 1.69  | 91.4      | 17.9076 | 26.6752 |
| 2009 | 6     | 15  | 12   | 3      | 24     | 0.3       | 2.6     | 1.77  | 94.3      | 17.882  | 27.7345 |
| 2009 | 6     | 15  | 12   | 13     | 24     | 0.3       | 2.6     | 1.69  | 93.2      | 17.882  | 26.4806 |
| 2009 | 6     | 15  | 12   | 23     | 24     | 0.3       | 2.6     | 1.76  | 94.5      | 17.882  | 27.6823 |
| 2009 | 6     | 15  | 12   | 33     | 24     | 0.3       | 2.6     | 1.7   | 93.9      | 17.9076 | 26.7798 |
| 2009 | 6     | 15  | 12   | 43     | 24     | 0.3       | 2.6     | 1.72  | 95.4      | 17.882  | 26.9508 |
| 2009 | 6     | 15  | 12   | 53     | 24     | 0.3       | 2.6     | 1.7   | 92.1      | 17.9076 | 26.7275 |
| 2009 | 6     | 15  | 13   | 3      | 24     | 0.3       | 2.6     | 1.71  | 93.5      | 17.9076 | 26.9368 |
| 2009 | 6     | 15  | 13   | 13     | 24     | 0.3       | 2.6     | 1.72  | 92.2      | 17.9076 | 27.0937 |
| 2009 | 6     | 15  | 13   | 23     | 24     | 0.3       | 2.6     | 1.66  | 92        | 17.9076 | 26.2045 |
| 2009 | 6     | 15  | 13   | 33     | 24     | 0.3       | 2.6     | 1.7   | 93.5      | 17.9076 | 26.6752 |
| 2009 | 6     | 15  | 13   | 43     | 24     | 0.3       | 2.6     | 1.72  | 91.5      | 17.9076 | 27.146  |
| 2009 | 6     | 15  | 13   | 53     | 24     | 0.3       | 2.6     | 1.74  | 94.2      | 17.9076 | 27.303  |
| 2009 | 6     | 15  | 14   | 3      | 24     | 0.3       | 2.6     | 1.71  | 93.4      | 17.9076 | 26.8845 |
| 2009 | 6     | 15  | 14   | 13     | 24     | 0.3       | 2.6     | 1.74  | 93.5      | 17.9076 | 27.4077 |
| 2009 | 6     | 15  | 14   | 23     | 24     | 0.3       | 2.6     | 1.72  | 93.4      | 17.9076 | 26.9891 |
| 2009 | 6     | 15  | 14   | 33     | 24     | 0.3       | 2.6     | 1.73  | 93.7      | 17.9076 | 27.146  |
| 2009 | 6     | 15  | 14   | 43     | 24     | 0.3       | 2.6     | 1.73  | 94.2      | 17.9076 | 27.146  |
| 2009 | 6     | 15  | 14   | 53     | 24     | 0.3       | 2.6     | 1.7   | 92.4      | 17.9076 | 26.7275 |
| 2009 | 6     | 15  | 15   | 3      | 24     | 0.3       | 2.6     | 1.73  | 94.4      | 17.9076 | 27.2507 |
| 2009 | 6     | 15  | 15   | 13     | 24     | 0.3       | 2.6     | 1.72  | 94.1      | 17.9076 | 27.0937 |
| 2009 | 6     | 15  | 15   | 23     | 24     | 0.3       | 2.6     | 1.72  | 93.3      | 17.9076 | 27.0937 |
| 2009 | 6     | 15  | 15   | 33     | 24     | 0.3       | 2.6     | 1.73  | 93.5      | 17.9076 | 27.2507 |
| 2009 | 6     | 15  | 15   | 43     | 24     | 0.3       | 2.6     | 1.76  | 92.8      | 17.9076 | 27.7216 |
| 2009 | 6     | 15  | 15   | 53     | 24     | 0.3       | 2.6     | 1.7   | 93        | 17.9331 | 26.7655 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 15  | 16   | 3      | 24     | 0.3       | 2.6     | 1.76  | 94        | 17.9076 | 27.617  |
| 2009 | 6     | 15  | 16   | 13     | 24     | 0.3       | 2.6     | 1.72  | 93.4      | 17.9076 | 26.9891 |
| 2009 | 6     | 15  | 16   | 23     | 24     | 0.3       | 2.6     | 1.74  | 92.4      | 17.9331 | 27.4466 |
| 2009 | 6     | 15  | 16   | 33     | 24     | 0.3       | 2.6     | 1.76  | 93.5      | 17.9331 | 27.761  |
| 2009 | 6     | 15  | 16   | 43     | 24     | 0.3       | 2.6     | 1.73  | 95.4      | 17.9076 | 27.1984 |
| 2009 | 6     | 15  | 16   | 53     | 24     | 0.3       | 2.6     | 1.71  | 91.9      | 17.9331 | 26.975  |
| 2009 | 6     | 15  | 17   | 3      | 24     | 0.3       | 2.6     | 1.7   | 93        | 17.9331 | 26.8179 |
| 2009 | 6     | 15  | 17   | 13     | 24     | 0.3       | 2.6     | 1.72  | 91.9      | 17.9331 | 27.1322 |
| 2009 | 6     | 15  | 17   | 23     | 24     | 0.3       | 2.6     | 1.7   | 93.4      | 17.9331 | 26.8179 |
| 2009 | 6     | 15  | 17   | 33     | 24     | 0.3       | 2.6     | 1.76  | 94.1      | 17.9331 | 27.7086 |
| 2009 | 6     | 15  | 17   | 43     | 24     | 0.3       | 2.6     | 1.73  | 93.4      | 17.9331 | 27.2894 |
| 2009 | 6     | 15  | 17   | 53     | 24     | 0.3       | 2.6     | 1.7   | 92.4      | 17.9331 | 26.8179 |
| 2009 | 6     | 15  | 18   | 3      | 24     | 0.3       | 2.6     | 1.71  | 95        | 17.9331 | 26.8702 |
| 2009 | 6     | 15  | 18   | 13     | 24     | 0.3       | 2.6     | 1.71  | 93.3      | 17.9331 | 26.975  |
| 2009 | 6     | 15  | 18   | 23     | 24     | 0.3       | 2.6     | 1.73  | 92.6      | 17.9331 | 27.3418 |
| 2009 | 6     | 15  | 18   | 33     | 24     | 0.3       | 2.6     | 1.72  | 92.9      | 17.9331 | 27.1846 |
| 2009 | 6     | 15  | 18   | 43     | 24     | 0.3       | 2.6     | 1.71  | 94        | 17.9331 | 26.975  |
| 2009 | 6     | 15  | 18   | 53     | 24     | 0.3       | 2.6     | 1.73  | 91.5      | 17.9331 | 27.2894 |
| 2009 | 6     | 15  | 19   | 3      | 24     | 0.3       | 2.6     | 1.76  | 93.8      | 17.9331 | 27.7086 |
| 2009 | 6     | 15  | 19   | 13     | 24     | 0.3       | 2.6     | 1.71  | 93        | 17.9587 | 26.9083 |
| 2009 | 6     | 15  | 19   | 23     | 24     | 0.3       | 2.6     | 1.73  | 94.1      | 17.9587 | 27.2231 |
| 2009 | 6     | 15  | 19   | 33     | 24     | 0.3       | 2.6     | 1.7   | 95.2      | 17.9587 | 26.751  |
| 2009 | 6     | 15  | 19   | 43     | 24     | 0.3       | 2.6     | 1.75  | 93.6      | 17.9587 | 27.6429 |
| 2009 | 6     | 15  | 19   | 53     | 24     | 0.3       | 2.6     | 1.73  | 92.5      | 17.9587 | 27.3281 |
| 2009 | 6     | 15  | 20   | 3      | 24     | 0.3       | 2.6     | 1.71  | 93.5      | 17.9587 | 26.9083 |
| 2009 | 6     | 15  | 20   | 13     | 24     | 0.3       | 2.6     | 1.74  | 94.3      | 17.9587 | 27.3805 |
| 2009 | 6     | 15  | 20   | 23     | 24     | 0.3       | 2.6     | 1.7   | 92.2      | 17.9587 | 26.8559 |
| 2009 | 6     | 15  | 20   | 33     | 24     | 0.3       | 2.6     | 1.7   | 94.1      | 17.9587 | 26.8559 |
| 2009 | 6     | 15  | 20   | 43     | 24     | 0.3       | 2.6     | 1.75  | 94        | 17.9587 | 27.5904 |
| 2009 | 6     | 15  | 20   | 53     | 24     | 0.3       | 2.6     | 1.78  | 94.6      | 17.9842 | 28.05   |
| 2009 | 6     | 15  | 21   | 3      | 24     | 0.3       | 2.6     | 1.72  | 94        | 17.9842 | 27.2091 |
| 2009 | 6     | 15  | 21   | 13     | 24     | 0.3       | 2.6     | 1.73  | 92.5      | 17.9587 | 27.2756 |
| 2009 | 6     | 15  | 21   | 23     | 24     | 0.3       | 2.6     | 1.72  | 95.4      | 17.9587 | 27.0133 |
| 2009 | 6     | 15  | 21   | 33     | 24     | 0.3       | 2.6     | 1.73  | 94.6      | 17.9587 | 27.3281 |
| 2009 | 6     | 15  | 21   | 43     | 24     | 0.3       | 2.6     | 1.69  | 94.2      | 17.9587 | 26.6985 |
| 2009 | 6     | 15  | 21   | 53     | 24     | 0.3       | 2.6     | 1.67  | 92.6      | 17.9587 | 26.3313 |
| 2009 | 6     | 15  | 22   | 3      | 24     | 0.3       | 2.6     | 1.7   | 95.4      | 17.9842 | 26.7363 |
| 2009 | 6     | 15  | 22   | 13     | 24     | 0.3       | 2.6     | 1.72  | 91.7      | 17.9587 | 27.1707 |
| 2009 | 6     | 15  | 22   | 23     | 24     | 0.3       | 2.6     | 1.73  | 93.6      | 17.9842 | 27.3142 |
| 2009 | 6     | 15  | 22   | 33     | 24     | 0.3       | 2.6     | 1.69  | 94        | 17.9587 | 26.646  |
| 2009 | 6     | 15  | 22   | 43     | 24     | 0.3       | 2.6     | 1.75  | 92.8      | 17.9842 | 27.6295 |
| 2009 | 6     | 15  | 22   | 53     | 24     | 0.3       | 2.6     | 1.71  | 94.4      | 17.9587 | 27.0133 |
| 2009 | 6     | 15  | 23   | 3      | 24     | 0.3       | 2.6     | 1.7   | 92.4      | 17.9842 | 26.8939 |
| 2009 | 6     | 15  | 23   | 13     | 24     | 0.3       | 2.6     | 1.71  | 95.2      | 17.9587 | 26.8559 |
| 2009 | 6     | 15  | 23   | 23     | 24     | 0.3       | 2.6     | 1.72  | 93.8      | 17.9842 | 27.2091 |
| 2009 | 6     | 15  | 23   | 33     | 24     | 0.3       | 2.6     | 1.76  | 94.3      | 17.9587 | 27.6954 |
| 2009 | 6     | 15  | 23   | 43     | 24     | 0.3       | 2.6     | 1.71  | 92.7      | 17.9587 | 27.0657 |
| 2009 | 6     | 15  | 23   | 53     | 24     | 0.3       | 2.6     | 1.71  | 91.8      | 17.9587 | 27.0133 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 16  | 0    | 3      | 24     | 0.3       | 2.6     | 1.72  | 94.4      | 17.9587 | 27.0657 |
| 2009 | 6     | 16  | 0    | 13     | 24     | 0.3       | 2.6     | 1.74  | 92.4      | 17.9587 | 27.4855 |
| 2009 | 6     | 16  | 0    | 23     | 24     | 0.3       | 2.6     | 1.7   | 93        | 17.9587 | 26.8559 |
| 2009 | 6     | 16  | 0    | 33     | 24     | 0.3       | 2.6     | 1.68  | 92.9      | 17.9587 | 26.5411 |
| 2009 | 6     | 16  | 0    | 43     | 24     | 0.3       | 2.6     | 1.73  | 92.3      | 17.9587 | 27.2756 |
| 2009 | 6     | 16  | 0    | 53     | 24     | 0.3       | 2.6     | 1.74  | 93        | 17.9587 | 27.4855 |
| 2009 | 6     | 16  | 1    | 3      | 24     | 0.3       | 2.6     | 1.71  | 93.6      | 17.9587 | 27.0133 |
| 2009 | 6     | 16  | 1    | 13     | 24     | 0.3       | 2.6     | 1.73  | 94.3      | 17.9587 | 27.2756 |
| 2009 | 6     | 16  | 1    | 23     | 24     | 0.3       | 2.6     | 1.76  | 95        | 17.9587 | 27.6429 |
| 2009 | 6     | 16  | 1    | 33     | 24     | 0.3       | 2.6     | 1.74  | 92.3      | 17.9331 | 27.3942 |
| 2009 | 6     | 16  | 1    | 43     | 24     | 0.3       | 2.6     | 1.69  | 92.3      | 17.9587 | 26.751  |
| 2009 | 6     | 16  | 1    | 53     | 24     | 0.3       | 2.6     | 1.69  | 91.1      | 17.9587 | 26.646  |
| 2009 | 6     | 16  | 2    | 3      | 24     | 0.3       | 2.6     | 1.71  | 94.3      | 17.9331 | 26.9226 |
| 2009 | 6     | 16  | 2    | 13     | 24     | 0.3       | 2.6     | 1.73  | 93.3      | 17.9331 | 27.1846 |
| 2009 | 6     | 16  | 2    | 23     | 24     | 0.3       | 2.6     | 1.71  | 94.4      | 17.9587 | 27.0133 |
| 2009 | 6     | 16  | 2    | 33     | 24     | 0.3       | 2.6     | 1.73  | 92.5      | 17.9587 | 27.2756 |
| 2009 | 6     | 16  | 2    | 43     | 24     | 0.3       | 2.6     | 1.71  | 91        | 17.9331 | 26.975  |
| 2009 | 6     | 16  | 2    | 53     | 24     | 0.3       | 2.6     | 1.77  | 91.6      | 17.9331 | 27.8658 |
| 2009 | 6     | 16  | 3    | 3      | 24     | 0.3       | 2.6     | 1.71  | 92        | 17.9331 | 26.975  |
| 2009 | 6     | 16  | 3    | 13     | 24     | 0.3       | 2.6     | 1.68  | 92        | 17.9331 | 26.5559 |
| 2009 | 6     | 16  | 3    | 23     | 24     | 0.3       | 2.6     | 1.74  | 93.1      | 17.9331 | 27.4466 |
| 2009 | 6     | 16  | 3    | 33     | 24     | 0.3       | 2.6     | 1.73  | 91.4      | 17.9331 | 27.3418 |
| 2009 | 6     | 16  | 3    | 43     | 24     | 0.3       | 2.6     | 1.71  | 94.2      | 17.9331 | 26.9226 |
| 2009 | 6     | 16  | 3    | 53     | 24     | 0.3       | 2.6     | 1.71  | 92.1      | 17.9331 | 26.975  |
| 2009 | 6     | 16  | 4    | 3      | 24     | 0.3       | 2.6     | 1.7   | 92.2      | 17.9331 | 26.7655 |
| 2009 | 6     | 16  | 4    | 13     | 24     | 0.3       | 2.6     | 1.68  | 92.7      | 17.9587 | 26.4362 |
| 2009 | 6     | 16  | 4    | 23     | 24     | 0.3       | 2.6     | 1.7   | 93.6      | 17.9587 | 26.8559 |
| 2009 | 6     | 16  | 4    | 33     | 24     | 0.3       | 2.6     | 1.69  | 91.9      | 17.9587 | 26.646  |
| 2009 | 6     | 16  | 4    | 43     | 24     | 0.3       | 2.6     | 1.7   | 91.9      | 17.9587 | 26.8559 |
| 2009 | 6     | 16  | 4    | 53     | 24     | 0.3       | 2.6     | 1.69  | 91.7      | 17.9842 | 26.6838 |
| 2009 | 6     | 16  | 5    | 3      | 24     | 0.3       | 2.6     | 1.7   | 92.8      | 17.9842 | 26.9465 |
| 2009 | 6     | 16  | 5    | 13     | 24     | 0.3       | 2.6     | 1.69  | 90        | 17.9842 | 26.6838 |
| 2009 | 6     | 16  | 5    | 23     | 24     | 0.3       | 2.6     | 1.68  | 90.8      | 18.0098 | 26.6689 |
| 2009 | 6     | 16  | 5    | 33     | 24     | 0.3       | 2.6     | 1.71  | 91        | 18.0354 | 27.1807 |
| 2009 | 6     | 16  | 5    | 43     | 24     | 0.3       | 2.6     | 1.72  | 92.2      | 18.061  | 27.2719 |
| 2009 | 6     | 16  | 5    | 53     | 24     | 0.3       | 2.6     | 1.71  | 91.4      | 18.061  | 27.2191 |
| 2009 | 6     | 16  | 6    | 3      | 24     | 0.3       | 2.6     | 1.69  | 93        | 18.061  | 26.797  |
| 2009 | 6     | 16  | 6    | 13     | 24     | 0.3       | 2.6     | 1.73  | 92.5      | 18.0866 | 27.5217 |
| 2009 | 6     | 16  | 6    | 23     | 24     | 0.3       | 2.6     | 1.68  | 91.1      | 18.0866 | 26.782  |
| 2009 | 6     | 16  | 6    | 33     | 24     | 0.3       | 2.6     | 1.69  | 92.2      | 18.0866 | 26.8348 |
| 2009 | 6     | 16  | 6    | 43     | 24     | 0.3       | 2.6     | 1.71  | 92.3      | 18.0866 | 27.2046 |
| 2009 | 6     | 16  | 6    | 53     | 24     | 0.3       | 2.6     | 1.7   | 91.1      | 18.0866 | 27.0461 |
| 2009 | 6     | 16  | 7    | 3      | 24     | 0.3       | 2.6     | 1.71  | 91.1      | 18.0866 | 27.2046 |
| 2009 | 6     | 16  | 7    | 13     | 24     | 0.3       | 2.6     | 1.67  | 93        | 18.0866 | 26.5707 |
| 2009 | 6     | 16  | 7    | 23     | 24     | 0.3       | 2.6     | 1.71  | 93.6      | 18.0866 | 27.099  |
| 2009 | 6     | 16  | 7    | 33     | 24     | 0.3       | 2.6     | 1.74  | 91.9      | 18.0866 | 27.6274 |
| 2009 | 6     | 16  | 7    | 43     | 24     | 0.3       | 2.6     | 1.76  | 93.2      | 18.0866 | 27.9445 |
| 2009 | 6     | 16  | 7    | 53     | 24     | 0.3       | 2.6     | 1.69  | 90.8      | 18.0866 | 26.9405 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 16  | 8    | 3      | 24     | 0.3       | 2.6     | 1.72  | 92.5      | 18.0866 | 27.416  |
| 2009 | 6     | 16  | 8    | 13     | 24     | 0.3       | 2.6     | 1.7   | 90.6      | 18.0866 | 27.099  |
| 2009 | 6     | 16  | 8    | 23     | 24     | 0.3       | 2.6     | 1.7   | 92.2      | 18.0866 | 27.0461 |
| 2009 | 6     | 16  | 8    | 33     | 24     | 0.3       | 2.6     | 1.69  | 91.8      | 18.0866 | 26.8348 |
| 2009 | 6     | 16  | 8    | 43     | 24     | 0.3       | 2.6     | 1.67  | 93.2      | 18.0866 | 26.5179 |
| 2009 | 6     | 16  | 8    | 53     | 24     | 0.3       | 2.6     | 1.67  | 93.3      | 18.1122 | 26.5023 |
| 2009 | 6     | 16  | 9    | 3      | 24     | 0.3       | 2.6     | 1.71  | 92.9      | 18.1122 | 27.2429 |
| 2009 | 6     | 16  | 9    | 13     | 24     | 0.3       | 2.6     | 1.69  | 93.1      | 18.1122 | 26.8726 |
| 2009 | 6     | 16  | 9    | 23     | 24     | 0.3       | 2.6     | 1.68  | 93.4      | 18.1122 | 26.661  |
| 2009 | 6     | 16  | 9    | 33     | 24     | 0.3       | 2.6     | 1.67  | 92.7      | 18.1122 | 26.6081 |
| 2009 | 6     | 16  | 9    | 43     | 24     | 0.3       | 2.6     | 1.73  | 93.1      | 18.1122 | 27.5604 |
| 2009 | 6     | 16  | 9    | 53     | 24     | 0.3       | 2.6     | 1.71  | 90.9      | 18.1122 | 27.2429 |
| 2009 | 6     | 16  | 10   | 3      | 24     | 0.3       | 2.6     | 1.66  | 94.5      | 18.1122 | 26.3436 |
| 2009 | 6     | 16  | 10   | 13     | 24     | 0.3       | 2.6     | 1.69  | 92.2      | 18.1122 | 26.9784 |
| 2009 | 6     | 16  | 10   | 23     | 24     | 0.3       | 2.6     | 1.7   | 93.4      | 18.1122 | 27.0313 |
| 2009 | 6     | 16  | 10   | 33     | 24     | 0.3       | 2.6     | 1.79  | 90.5      | 18.1122 | 28.5131 |
| 2009 | 6     | 16  | 10   | 43     | 24     | 0.3       | 2.6     | 1.68  | 94.1      | 18.1122 | 26.7668 |
| 2009 | 6     | 16  | 10   | 53     | 24     | 0.3       | 2.6     | 1.76  | 92        | 18.1122 | 28.0896 |
| 2009 | 6     | 16  | 11   | 3      | 24     | 0.3       | 2.6     | 1.7   | 92.3      | 18.1122 | 27.0842 |
| 2009 | 6     | 16  | 11   | 13     | 24     | 0.3       | 2.6     | 1.7   | 93.8      | 18.1122 | 27.0313 |
| 2009 | 6     | 16  | 11   | 23     | 24     | 0.3       | 2.6     | 1.75  | 93.2      | 18.1378 | 27.9171 |
| 2009 | 6     | 16  | 11   | 33     | 24     | 0.3       | 2.6     | 1.71  | 93.6      | 18.1122 | 27.2429 |
| 2009 | 6     | 16  | 11   | 43     | 24     | 0.3       | 2.6     | 1.67  | 91.7      | 18.1378 | 26.6984 |
| 2009 | 6     | 16  | 11   | 53     | 24     | 0.3       | 2.6     | 1.68  | 93.3      | 18.1378 | 26.6984 |
| 2009 | 6     | 16  | 12   | 3      | 24     | 0.3       | 2.6     | 1.72  | 93.4      | 18.1378 | 27.3342 |
| 2009 | 6     | 16  | 12   | 13     | 24     | 0.3       | 2.6     | 1.73  | 93.2      | 18.1378 | 27.4932 |
| 2009 | 6     | 16  | 12   | 23     | 24     | 0.3       | 2.6     | 1.75  | 93.5      | 18.1378 | 27.8641 |
| 2009 | 6     | 16  | 12   | 33     | 24     | 0.3       | 2.6     | 1.71  | 92.5      | 18.1378 | 27.2282 |
| 2009 | 6     | 16  | 12   | 43     | 24     | 0.3       | 2.6     | 1.73  | 92.2      | 18.1378 | 27.5991 |
| 2009 | 6     | 16  | 12   | 53     | 24     | 0.3       | 2.6     | 1.72  | 92.7      | 18.1378 | 27.4402 |
| 2009 | 6     | 16  | 13   | 3      | 24     | 0.3       | 2.6     | 1.76  | 94.8      | 18.1378 | 27.9701 |
| 2009 | 6     | 16  | 13   | 13     | 24     | 0.3       | 2.6     | 1.71  | 93.6      | 18.1634 | 27.3195 |
| 2009 | 6     | 16  | 13   | 23     | 24     | 0.3       | 2.6     | 1.68  | 93.3      | 18.1378 | 26.6984 |
| 2009 | 6     | 16  | 13   | 33     | 24     | 0.3       | 2.6     | 1.68  | 91.5      | 18.1634 | 26.789  |
| 2009 | 6     | 16  | 13   | 43     | 24     | 0.3       | 2.6     | 1.67  | 92.5      | 18.1634 | 26.6298 |
| 2009 | 6     | 16  | 13   | 53     | 24     | 0.3       | 2.6     | 1.68  | 92.7      | 18.1634 | 26.789  |
| 2009 | 6     | 16  | 14   | 3      | 24     | 0.3       | 2.6     | 1.7   | 91.8      | 18.1634 | 27.1603 |
| 2009 | 6     | 16  | 14   | 13     | 24     | 0.3       | 2.6     | 1.73  | 93.6      | 18.1634 | 27.5318 |
| 2009 | 6     | 16  | 14   | 23     | 24     | 0.3       | 2.6     | 1.69  | 92.9      | 18.1634 | 27.0012 |
| 2009 | 6     | 16  | 14   | 33     | 24     | 0.3       | 2.6     | 1.71  | 90.8      | 18.1634 | 27.3726 |
| 2009 | 6     | 16  | 14   | 43     | 24     | 0.3       | 2.6     | 1.73  | 92.2      | 18.1634 | 27.5848 |
| 2009 | 6     | 16  | 14   | 53     | 24     | 0.3       | 2.6     | 1.68  | 93.2      | 18.1634 | 26.842  |
| 2009 | 6     | 16  | 15   | 3      | 24     | 0.3       | 2.6     | 1.72  | 93.3      | 18.1634 | 27.3726 |
| 2009 | 6     | 16  | 15   | 13     | 24     | 0.3       | 2.6     | 1.71  | 94.2      | 18.1634 | 27.2134 |
| 2009 | 6     | 16  | 15   | 23     | 24     | 0.3       | 2.6     | 1.79  | 94.3      | 18.189  | 28.5271 |
| 2009 | 6     | 16  | 15   | 33     | 24     | 0.3       | 2.6     | 1.68  | 91.5      | 18.1634 | 26.789  |
| 2009 | 6     | 16  | 15   | 43     | 24     | 0.3       | 2.6     | 1.74  | 95        | 18.189  | 27.7829 |
| 2009 | 6     | 16  | 15   | 53     | 24     | 0.3       | 2.6     | 1.71  | 94.6      | 18.189  | 27.1984 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 16  | 16   | 3      | 24     | 0.3       | 2.6     | 1.7   | 94.9      | 18.189  | 27.1453 |
| 2009 | 6     | 16  | 16   | 13     | 24     | 0.3       | 2.6     | 1.75  | 93.2      | 18.189  | 27.9955 |
| 2009 | 6     | 16  | 16   | 23     | 24     | 0.3       | 2.6     | 1.69  | 92.2      | 18.189  | 26.9859 |
| 2009 | 6     | 16  | 16   | 33     | 24     | 0.3       | 2.6     | 1.7   | 91.9      | 18.189  | 27.1453 |
| 2009 | 6     | 16  | 16   | 43     | 24     | 0.3       | 2.6     | 1.75  | 92.9      | 18.189  | 28.0487 |
| 2009 | 6     | 16  | 16   | 53     | 24     | 0.3       | 2.6     | 1.68  | 93.1      | 18.189  | 26.7734 |
| 2009 | 6     | 16  | 17   | 3      | 24     | 0.3       | 2.6     | 1.74  | 95.5      | 18.189  | 27.7829 |
| 2009 | 6     | 16  | 17   | 13     | 24     | 0.3       | 2.6     | 1.68  | 93.4      | 18.189  | 26.7734 |
| 2009 | 6     | 16  | 17   | 23     | 24     | 0.3       | 2.6     | 1.74  | 93.4      | 18.189  | 27.7298 |
| 2009 | 6     | 16  | 17   | 33     | 24     | 0.3       | 2.6     | 1.69  | 92.8      | 18.189  | 26.9859 |
| 2009 | 6     | 16  | 17   | 43     | 24     | 0.3       | 2.6     | 1.7   | 94.3      | 18.189  | 27.1984 |
| 2009 | 6     | 16  | 17   | 53     | 24     | 0.3       | 2.6     | 1.7   | 93.5      | 18.189  | 27.1984 |
| 2009 | 6     | 16  | 18   | 3      | 24     | 0.3       | 2.6     | 1.68  | 92        | 18.189  | 26.9328 |
| 2009 | 6     | 16  | 18   | 13     | 24     | 0.3       | 2.6     | 1.69  | 92.7      | 18.2146 | 27.1301 |
| 2009 | 6     | 16  | 18   | 23     | 24     | 0.3       | 2.6     | 1.73  | 93.2      | 18.2146 | 27.609  |
| 2009 | 6     | 16  | 18   | 33     | 24     | 0.3       | 2.6     | 1.72  | 91.9      | 18.2146 | 27.609  |
| 2009 | 6     | 16  | 18   | 43     | 24     | 0.3       | 2.6     | 1.72  | 93.1      | 18.2146 | 27.5026 |
| 2009 | 6     | 16  | 18   | 53     | 24     | 0.3       | 2.6     | 1.7   | 93        | 18.2146 | 27.2365 |
| 2009 | 6     | 16  | 19   | 3      | 24     | 0.3       | 2.6     | 1.75  | 95.3      | 18.2146 | 27.8751 |
| 2009 | 6     | 16  | 19   | 13     | 24     | 0.3       | 2.6     | 1.76  | 95.9      | 18.2146 | 28.0347 |
| 2009 | 6     | 16  | 19   | 23     | 24     | 0.3       | 2.6     | 1.69  | 94.5      | 18.2146 | 26.9705 |
| 2009 | 6     | 16  | 19   | 33     | 24     | 0.3       | 2.6     | 1.7   | 93.4      | 18.2146 | 27.1833 |
| 2009 | 6     | 16  | 19   | 43     | 24     | 0.3       | 2.6     | 1.77  | 96.6      | 18.2146 | 28.1944 |
| 2009 | 6     | 16  | 19   | 53     | 24     | 0.3       | 2.6     | 1.68  | 91.6      | 18.2146 | 26.9705 |
| 2009 | 6     | 16  | 20   | 3      | 24     | 0.3       | 2.6     | 1.74  | 92.2      | 18.2146 | 27.8219 |
| 2009 | 6     | 16  | 20   | 13     | 24     | 0.3       | 2.6     | 1.76  | 92.5      | 18.2146 | 28.1412 |
| 2009 | 6     | 16  | 20   | 23     | 24     | 0.3       | 2.6     | 1.74  | 93        | 18.2402 | 27.9674 |
| 2009 | 6     | 16  | 20   | 33     | 24     | 0.3       | 2.6     | 1.75  | 93.3      | 18.2402 | 27.9674 |
| 2009 | 6     | 16  | 20   | 43     | 24     | 0.3       | 2.6     | 1.74  | 93.6      | 18.2402 | 27.9141 |
| 2009 | 6     | 16  | 20   | 53     | 24     | 0.3       | 2.6     | 1.75  | 93.4      | 18.2402 | 28.074  |
| 2009 | 6     | 16  | 21   | 3      | 24     | 0.3       | 2.6     | 1.75  | 93.8      | 18.2402 | 28.0207 |
| 2009 | 6     | 16  | 21   | 13     | 24     | 0.3       | 2.6     | 1.75  | 93.1      | 18.2402 | 28.1273 |
| 2009 | 6     | 16  | 21   | 23     | 24     | 0.3       | 2.6     | 1.73  | 94.2      | 18.2402 | 27.6476 |
| 2009 | 6     | 16  | 21   | 33     | 24     | 0.3       | 2.6     | 1.75  | 94.3      | 18.2402 | 28.074  |
| 2009 | 6     | 16  | 21   | 43     | 24     | 0.3       | 2.6     | 1.74  | 92.5      | 18.2402 | 27.9141 |
| 2009 | 6     | 16  | 21   | 53     | 24     | 0.3       | 2.6     | 1.72  | 93.6      | 18.2402 | 27.541  |
| 2009 | 6     | 16  | 22   | 3      | 24     | 0.3       | 2.6     | 1.75  | 95.2      | 18.2402 | 28.0207 |
| 2009 | 6     | 16  | 22   | 13     | 24     | 0.3       | 2.6     | 1.71  | 96        | 18.2402 | 27.2746 |
| 2009 | 6     | 16  | 22   | 23     | 24     | 0.3       | 2.6     | 1.66  | 94.3      | 18.2402 | 26.6354 |
| 2009 | 6     | 16  | 22   | 33     | 24     | 0.3       | 2.6     | 1.72  | 93.8      | 18.2402 | 27.5943 |
| 2009 | 6     | 16  | 22   | 43     | 24     | 0.3       | 2.6     | 1.78  | 94.3      | 18.2402 | 28.4471 |
| 2009 | 6     | 16  | 22   | 53     | 24     | 0.3       | 2.6     | 1.71  | 94.1      | 18.2402 | 27.3812 |
| 2009 | 6     | 16  | 23   | 3      | 24     | 0.3       | 2.6     | 1.73  | 92.1      | 18.2402 | 27.7542 |
| 2009 | 6     | 16  | 23   | 13     | 24     | 0.3       | 2.6     | 1.7   | 93.4      | 18.2402 | 27.2213 |
| 2009 | 6     | 16  | 23   | 23     | 24     | 0.3       | 2.6     | 1.69  | 93.8      | 18.2402 | 27.1148 |
| 2009 | 6     | 16  | 23   | 33     | 24     | 0.3       | 2.6     | 1.74  | 95.5      | 18.2402 | 27.8075 |
| 2009 | 6     | 16  | 23   | 43     | 24     | 0.3       | 2.6     | 1.71  | 94.2      | 18.2402 | 27.3812 |
| 2009 | 6     | 16  | 23   | 53     | 24     | 0.3       | 2.6     | 1.73  | 92.5      | 18.2402 | 27.8075 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 17  | 0    | 3      | 24     | 0.3       | 2.6     | 1.74  | 95        | 18.2402 | 27.7542 |
| 2009 | 6     | 17  | 0    | 13     | 24     | 0.3       | 2.6     | 1.71  | 92.4      | 18.2402 | 27.4345 |
| 2009 | 6     | 17  | 0    | 23     | 24     | 0.3       | 2.6     | 1.74  | 94.5      | 18.2402 | 27.8075 |
| 2009 | 6     | 17  | 0    | 33     | 24     | 0.3       | 2.6     | 1.72  | 94        | 18.2146 | 27.5026 |
| 2009 | 6     | 17  | 0    | 43     | 24     | 0.3       | 2.6     | 1.72  | 93.3      | 18.2402 | 27.5943 |
| 2009 | 6     | 17  | 0    | 53     | 24     | 0.3       | 2.6     | 1.7   | 93.3      | 18.2146 | 27.1301 |
| 2009 | 6     | 17  | 1    | 3      | 24     | 0.3       | 2.6     | 1.78  | 95.2      | 18.2146 | 28.4606 |
| 2009 | 6     | 17  | 1    | 13     | 24     | 0.3       | 2.6     | 1.73  | 93.3      | 18.2146 | 27.6622 |
| 2009 | 6     | 17  | 1    | 23     | 24     | 0.3       | 2.6     | 1.72  | 92.5      | 18.2146 | 27.5558 |
| 2009 | 6     | 17  | 1    | 33     | 24     | 0.3       | 2.6     | 1.7   | 94.1      | 18.2146 | 27.1833 |
| 2009 | 6     | 17  | 1    | 43     | 24     | 0.3       | 2.6     | 1.73  | 94.1      | 18.2146 | 27.6622 |
| 2009 | 6     | 17  | 1    | 53     | 24     | 0.3       | 2.6     | 1.72  | 92.3      | 18.2146 | 27.5558 |
| 2009 | 6     | 17  | 2    | 3      | 24     | 0.3       | 2.6     | 1.75  | 91.8      | 18.2146 | 28.088  |
| 2009 | 6     | 17  | 2    | 13     | 24     | 0.3       | 2.6     | 1.69  | 95.6      | 18.2146 | 26.9173 |
| 2009 | 6     | 17  | 2    | 23     | 24     | 0.3       | 2.6     | 1.71  | 94.7      | 18.2146 | 27.2897 |
| 2009 | 6     | 17  | 2    | 33     | 24     | 0.3       | 2.6     | 1.69  | 93        | 18.2146 | 26.9705 |
| 2009 | 6     | 17  | 2    | 43     | 24     | 0.3       | 2.6     | 1.72  | 93.5      | 18.2146 | 27.5558 |
| 2009 | 6     | 17  | 2    | 53     | 24     | 0.3       | 2.6     | 1.73  | 95.8      | 18.189  | 27.5172 |
| 2009 | 6     | 17  | 3    | 3      | 24     | 0.3       | 2.6     | 1.68  | 92.9      | 18.189  | 26.8797 |
| 2009 | 6     | 17  | 3    | 13     | 24     | 0.3       | 2.6     | 1.7   | 91.5      | 18.189  | 27.2516 |
| 2009 | 6     | 17  | 3    | 23     | 24     | 0.3       | 2.6     | 1.77  | 93.4      | 18.189  | 28.2613 |
| 2009 | 6     | 17  | 3    | 33     | 24     | 0.3       | 2.6     | 1.73  | 95.1      | 18.189  | 27.6235 |
| 2009 | 6     | 17  | 3    | 43     | 24     | 0.3       | 2.6     | 1.78  | 93.9      | 18.189  | 28.4208 |
| 2009 | 6     | 17  | 3    | 53     | 24     | 0.3       | 2.6     | 1.71  | 91.4      | 18.189  | 27.3047 |
| 2009 | 6     | 17  | 4    | 3      | 24     | 0.3       | 2.6     | 1.76  | 94        | 18.1634 | 28.0094 |
| 2009 | 6     | 17  | 4    | 13     | 24     | 0.3       | 2.6     | 1.72  | 91.5      | 18.189  | 27.5704 |
| 2009 | 6     | 17  | 4    | 23     | 24     | 0.3       | 2.6     | 1.7   | 92.5      | 18.1634 | 27.1073 |
| 2009 | 6     | 17  | 4    | 33     | 24     | 0.3       | 2.6     | 1.69  | 94.1      | 18.1634 | 27.0012 |
| 2009 | 6     | 17  | 4    | 43     | 24     | 0.3       | 2.6     | 1.73  | 94.5      | 18.1634 | 27.5318 |
| 2009 | 6     | 17  | 4    | 53     | 24     | 0.3       | 2.6     | 1.71  | 93.6      | 18.1634 | 27.3195 |
| 2009 | 6     | 17  | 5    | 3      | 24     | 0.3       | 2.6     | 1.71  | 94.4      | 18.1634 | 27.2665 |
| 2009 | 6     | 17  | 5    | 13     | 24     | 0.3       | 2.6     | 1.69  | 93.1      | 18.1634 | 27.0012 |
| 2009 | 6     | 17  | 5    | 23     | 24     | 0.3       | 2.6     | 1.68  | 93.6      | 18.1634 | 26.789  |
| 2009 | 6     | 17  | 5    | 33     | 24     | 0.3       | 2.6     | 1.74  | 93        | 18.1634 | 27.744  |
| 2009 | 6     | 17  | 5    | 43     | 24     | 0.3       | 2.6     | 1.66  | 92.1      | 18.1634 | 26.5768 |
| 2009 | 6     | 17  | 5    | 53     | 24     | 0.3       | 2.6     | 1.74  | 93.6      | 18.1634 | 27.7971 |
| 2009 | 6     | 17  | 6    | 3      | 24     | 0.3       | 2.6     | 1.72  | 94.4      | 18.1634 | 27.4787 |
| 2009 | 6     | 17  | 6    | 13     | 24     | 0.3       | 2.6     | 1.73  | 94.7      | 18.1378 | 27.5462 |
| 2009 | 6     | 17  | 6    | 23     | 24     | 0.3       | 2.6     | 1.71  | 94.1      | 18.1634 | 27.2665 |
| 2009 | 6     | 17  | 6    | 33     | 24     | 0.3       | 2.6     | 1.74  | 93.9      | 18.1378 | 27.6521 |
| 2009 | 6     | 17  | 6    | 43     | 24     | 0.3       | 2.6     | 1.74  | 94.7      | 18.1378 | 27.6521 |
| 2009 | 6     | 17  | 6    | 53     | 24     | 0.3       | 2.6     | 1.7   | 92.5      | 18.1378 | 27.1752 |
| 2009 | 6     | 17  | 7    | 3      | 24     | 0.3       | 2.6     | 1.73  | 92.3      | 18.1378 | 27.6521 |
| 2009 | 6     | 17  | 7    | 13     | 24     | 0.3       | 2.6     | 1.72  | 95.9      | 18.1378 | 27.3342 |
| 2009 | 6     | 17  | 7    | 23     | 24     | 0.3       | 2.6     | 1.71  | 95.1      | 18.1378 | 27.2282 |
| 2009 | 6     | 17  | 7    | 33     | 24     | 0.3       | 2.6     | 1.69  | 93.8      | 18.1378 | 26.9103 |
| 2009 | 6     | 17  | 7    | 43     | 24     | 0.3       | 2.6     | 1.77  | 94.6      | 18.1378 | 28.1291 |
| 2009 | 6     | 17  | 7    | 53     | 24     | 0.3       | 2.6     | 1.72  | 93.3      | 18.1378 | 27.3342 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 17  | 8    | 3      | 24     | 0.3       | 2.6     | 1.71  | 94.7      | 18.1378 | 27.2282 |
| 2009 | 6     | 17  | 8    | 13     | 24     | 0.3       | 2.6     | 1.72  | 93.6      | 18.1378 | 27.4402 |
| 2009 | 6     | 17  | 8    | 23     | 24     | 0.3       | 2.6     | 1.7   | 93.8      | 18.1378 | 27.0163 |
| 2009 | 6     | 17  | 8    | 33     | 24     | 0.3       | 2.6     | 1.74  | 94.7      | 18.1378 | 27.6521 |
| 2009 | 6     | 17  | 8    | 43     | 24     | 0.3       | 2.6     | 1.69  | 93        | 18.1378 | 26.9103 |
| 2009 | 6     | 17  | 8    | 53     | 24     | 0.3       | 2.6     | 1.72  | 94.1      | 18.1378 | 27.3342 |
| 2009 | 6     | 17  | 9    | 3      | 24     | 0.3       | 2.6     | 1.74  | 93.1      | 18.1378 | 27.7581 |
| 2009 | 6     | 17  | 9    | 13     | 24     | 0.3       | 2.6     | 1.66  | 92.2      | 18.1378 | 26.4336 |
| 2009 | 6     | 17  | 9    | 23     | 24     | 0.3       | 2.6     | 1.72  | 93.3      | 18.1378 | 27.3872 |
| 2009 | 6     | 17  | 9    | 33     | 24     | 0.3       | 2.6     | 1.75  | 93.6      | 18.1378 | 27.9171 |
| 2009 | 6     | 17  | 9    | 43     | 24     | 0.3       | 2.6     | 1.7   | 93.9      | 18.1378 | 27.1223 |
| 2009 | 6     | 17  | 9    | 53     | 24     | 0.3       | 2.6     | 1.72  | 94.3      | 18.1378 | 27.4402 |
| 2009 | 6     | 17  | 10   | 3      | 24     | 0.3       | 2.6     | 1.73  | 94        | 18.1378 | 27.5462 |
| 2009 | 6     | 17  | 10   | 13     | 24     | 0.3       | 2.6     | 1.71  | 93.9      | 18.1378 | 27.1752 |
| 2009 | 6     | 17  | 10   | 23     | 24     | 0.3       | 2.6     | 1.64  | 91.3      | 18.1378 | 26.1688 |
| 2009 | 6     | 17  | 10   | 33     | 24     | 0.3       | 2.6     | 1.73  | 93.7      | 18.1378 | 27.5462 |
| 2009 | 6     | 17  | 10   | 43     | 24     | 0.3       | 2.6     | 1.72  | 94.8      | 18.1378 | 27.3342 |
| 2009 | 6     | 17  | 10   | 53     | 24     | 0.3       | 2.6     | 1.71  | 96.2      | 18.1378 | 27.0693 |
| 2009 | 6     | 17  | 11   | 3      | 24     | 0.3       | 2.6     | 1.7   | 92        | 18.1378 | 27.0693 |
| 2009 | 6     | 17  | 11   | 13     | 24     | 0.3       | 2.6     | 1.71  | 93.6      | 18.1378 | 27.2282 |
| 2009 | 6     | 17  | 11   | 23     | 24     | 0.3       | 2.6     | 1.72  | 92.6      | 18.1378 | 27.3872 |
| 2009 | 6     | 17  | 11   | 33     | 24     | 0.3       | 2.6     | 1.68  | 92.8      | 18.1378 | 26.7514 |
| 2009 | 6     | 17  | 11   | 43     | 24     | 0.3       | 2.6     | 1.7   | 93.3      | 18.1378 | 27.0693 |
| 2009 | 6     | 17  | 11   | 53     | 24     | 0.3       | 2.6     | 1.69  | 94.2      | 18.1378 | 26.9633 |
| 2009 | 6     | 17  | 12   | 3      | 24     | 0.3       | 2.6     | 1.73  | 93.7      | 18.1378 | 27.4932 |
| 2009 | 6     | 17  | 12   | 13     | 24     | 0.3       | 2.6     | 1.71  | 94.5      | 18.1378 | 27.2812 |
| 2009 | 6     | 17  | 12   | 23     | 24     | 0.3       | 2.6     | 1.68  | 93.1      | 18.1378 | 26.6984 |
| 2009 | 6     | 17  | 12   | 33     | 24     | 0.3       | 2.6     | 1.75  | 94.4      | 18.1378 | 27.8641 |
| 2009 | 6     | 17  | 12   | 43     | 24     | 0.3       | 2.6     | 1.75  | 92.4      | 18.1378 | 27.8641 |
| 2009 | 6     | 17  | 12   | 53     | 24     | 0.3       | 2.6     | 1.72  | 92.4      | 18.1378 | 27.4932 |
| 2009 | 6     | 17  | 13   | 3      | 24     | 0.3       | 2.6     | 1.73  | 92.8      | 18.1378 | 27.5462 |
| 2009 | 6     | 17  | 13   | 13     | 24     | 0.3       | 2.6     | 1.71  | 93        | 18.1378 | 27.3342 |
| 2009 | 6     | 17  | 13   | 23     | 24     | 0.3       | 2.6     | 1.74  | 92.1      | 18.1634 | 27.7971 |
| 2009 | 6     | 17  | 13   | 33     | 24     | 0.3       | 2.6     | 1.73  | 93.9      | 18.1378 | 27.5462 |
| 2009 | 6     | 17  | 13   | 43     | 24     | 0.3       | 2.6     | 1.75  | 94.8      | 18.1378 | 27.8641 |
| 2009 | 6     | 17  | 13   | 53     | 24     | 0.3       | 2.6     | 1.74  | 92.9      | 18.1634 | 27.8502 |
| 2009 | 6     | 17  | 14   | 3      | 24     | 0.3       | 2.6     | 1.74  | 93.9      | 18.1634 | 27.691  |
| 2009 | 6     | 17  | 14   | 13     | 24     | 0.3       | 2.6     | 1.72  | 94.4      | 18.1634 | 27.3726 |
| 2009 | 6     | 17  | 14   | 23     | 24     | 0.3       | 2.6     | 1.7   | 94.4      | 18.1634 | 27.1603 |
| 2009 | 6     | 17  | 14   | 33     | 24     | 0.3       | 2.6     | 1.69  | 93.3      | 18.1634 | 27.0012 |
| 2009 | 6     | 17  | 14   | 43     | 24     | 0.3       | 2.6     | 1.76  | 95.2      | 18.1634 | 28.0625 |
| 2009 | 6     | 17  | 14   | 53     | 24     | 0.3       | 2.6     | 1.74  | 93.5      | 18.1634 | 27.691  |
| 2009 | 6     | 17  | 15   | 3      | 24     | 0.3       | 2.6     | 1.68  | 92.1      | 18.1634 | 26.789  |
| 2009 | 6     | 17  | 15   | 13     | 24     | 0.3       | 2.6     | 1.71  | 93.7      | 18.1634 | 27.3195 |
| 2009 | 6     | 17  | 15   | 23     | 24     | 0.3       | 2.6     | 1.75  | 93.4      | 18.1634 | 27.8502 |
| 2009 | 6     | 17  | 15   | 33     | 24     | 0.3       | 2.6     | 1.72  | 92.9      | 18.1634 | 27.4787 |
| 2009 | 6     | 17  | 15   | 43     | 24     | 0.3       | 2.6     | 1.66  | 92.5      | 18.1634 | 26.5768 |
| 2009 | 6     | 17  | 15   | 53     | 24     | 0.3       | 2.6     | 1.7   | 91.1      | 18.1634 | 27.2134 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 17  | 16   | 3      | 24     | 0.3       | 2.6     | 1.74  | 93.4      | 18.1634 | 27.691  |
| 2009 | 6     | 17  | 16   | 13     | 24     | 0.3       | 2.6     | 1.74  | 92.5      | 18.1634 | 27.744  |
| 2009 | 6     | 17  | 16   | 23     | 24     | 0.3       | 2.6     | 1.7   | 92.9      | 18.189  | 27.0922 |
| 2009 | 6     | 17  | 16   | 33     | 24     | 0.3       | 2.6     | 1.77  | 95.7      | 18.189  | 28.2613 |
| 2009 | 6     | 17  | 16   | 43     | 24     | 0.3       | 2.6     | 1.69  | 94.6      | 18.189  | 26.8797 |
| 2009 | 6     | 17  | 16   | 53     | 24     | 0.3       | 2.6     | 1.74  | 94.9      | 18.189  | 27.7829 |
| 2009 | 6     | 17  | 17   | 3      | 24     | 0.3       | 2.6     | 1.71  | 94.1      | 18.189  | 27.2516 |
| 2009 | 6     | 17  | 17   | 13     | 24     | 0.3       | 2.6     | 1.74  | 94.6      | 18.189  | 27.7829 |
| 2009 | 6     | 17  | 17   | 23     | 24     | 0.3       | 2.6     | 1.73  | 95.9      | 18.189  | 27.5172 |
| 2009 | 6     | 17  | 17   | 33     | 24     | 0.3       | 2.6     | 1.69  | 93.2      | 18.189  | 27.039  |
| 2009 | 6     | 17  | 17   | 43     | 24     | 0.3       | 2.6     | 1.69  | 93.6      | 18.189  | 27.039  |
| 2009 | 6     | 17  | 17   | 53     | 24     | 0.3       | 2.6     | 1.71  | 93.5      | 18.189  | 27.3578 |
| 2009 | 6     | 17  | 18   | 3      | 24     | 0.3       | 2.6     | 1.71  | 93.2      | 18.189  | 27.3578 |
| 2009 | 6     | 17  | 18   | 13     | 24     | 0.3       | 2.6     | 1.72  | 96.2      | 18.189  | 27.411  |
| 2009 | 6     | 17  | 18   | 23     | 24     | 0.3       | 2.6     | 1.7   | 91.4      | 18.189  | 27.1984 |
| 2009 | 6     | 17  | 18   | 33     | 24     | 0.3       | 2.6     | 1.71  | 93.5      | 18.189  | 27.3047 |
| 2009 | 6     | 17  | 18   | 43     | 24     | 0.3       | 2.6     | 1.72  | 94.5      | 18.2146 | 27.5558 |
| 2009 | 6     | 17  | 18   | 53     | 24     | 0.3       | 2.6     | 1.72  | 94.3      | 18.2146 | 27.5558 |
| 2009 | 6     | 17  | 19   | 3      | 24     | 0.3       | 2.6     | 1.71  | 93.3      | 18.2146 | 27.2897 |
| 2009 | 6     | 17  | 19   | 13     | 24     | 0.3       | 2.6     | 1.73  | 94.8      | 18.2146 | 27.609  |
| 2009 | 6     | 17  | 19   | 23     | 24     | 0.3       | 2.6     | 1.7   | 93.1      | 18.2146 | 27.1301 |
| 2009 | 6     | 17  | 19   | 33     | 24     | 0.3       | 2.6     | 1.73  | 93.9      | 18.2146 | 27.609  |
| 2009 | 6     | 17  | 19   | 43     | 24     | 0.3       | 2.6     | 1.68  | 91.9      | 18.2146 | 26.9705 |
| 2009 | 6     | 17  | 19   | 53     | 24     | 0.3       | 2.6     | 1.75  | 93.2      | 18.2146 | 28.088  |
| 2009 | 6     | 17  | 20   | 3      | 24     | 0.3       | 2.6     | 1.71  | 91.9      | 18.2146 | 27.3429 |
| 2009 | 6     | 17  | 20   | 13     | 24     | 0.3       | 2.6     | 1.75  | 94.8      | 18.2146 | 27.9815 |
| 2009 | 6     | 17  | 20   | 23     | 24     | 0.3       | 2.6     | 1.71  | 94.2      | 18.2146 | 27.3429 |
| 2009 | 6     | 17  | 20   | 33     | 24     | 0.3       | 2.6     | 1.7   | 93.4      | 18.2146 | 27.1301 |
| 2009 | 6     | 17  | 20   | 43     | 24     | 0.3       | 2.6     | 1.73  | 95.1      | 18.2146 | 27.609  |
| 2009 | 6     | 17  | 20   | 53     | 24     | 0.3       | 2.6     | 1.75  | 94.2      | 18.2146 | 27.9815 |
| 2009 | 6     | 17  | 21   | 3      | 24     | 0.3       | 2.6     | 1.71  | 93.4      | 18.2146 | 27.3961 |
| 2009 | 6     | 17  | 21   | 13     | 24     | 0.3       | 2.6     | 1.73  | 92.3      | 18.2146 | 27.7154 |
| 2009 | 6     | 17  | 21   | 23     | 24     | 0.3       | 2.6     | 1.7   | 92.5      | 18.2402 | 27.2213 |
| 2009 | 6     | 17  | 21   | 33     | 24     | 0.3       | 2.6     | 1.73  | 91.3      | 18.2146 | 27.7154 |
| 2009 | 6     | 17  | 21   | 43     | 24     | 0.3       | 2.6     | 1.73  | 92.4      | 18.2146 | 27.6622 |
| 2009 | 6     | 17  | 21   | 53     | 24     | 0.3       | 2.6     | 1.75  | 95        | 18.2146 | 27.9815 |
| 2009 | 6     | 17  | 22   | 3      | 24     | 0.3       | 2.6     | 1.71  | 91.5      | 18.2146 | 27.3429 |
| 2009 | 6     | 17  | 22   | 13     | 24     | 0.3       | 2.6     | 1.69  | 93.1      | 18.2146 | 27.0769 |
| 2009 | 6     | 17  | 22   | 23     | 24     | 0.3       | 2.6     | 1.71  | 92        | 18.2146 | 27.4494 |
| 2009 | 6     | 17  | 22   | 33     | 24     | 0.3       | 2.6     | 1.69  | 94.3      | 18.2402 | 27.1148 |
| 2009 | 6     | 17  | 22   | 43     | 24     | 0.3       | 2.6     | 1.7   | 93.8      | 18.2402 | 27.1681 |
| 2009 | 6     | 17  | 22   | 53     | 24     | 0.3       | 2.6     | 1.76  | 94.2      | 18.2146 | 28.1412 |
| 2009 | 6     | 17  | 23   | 3      | 24     | 0.3       | 2.6     | 1.76  | 93.1      | 18.2402 | 28.2872 |
| 2009 | 6     | 17  | 23   | 13     | 24     | 0.3       | 2.6     | 1.75  | 92.9      | 18.2146 | 28.0347 |
| 2009 | 6     | 17  | 23   | 23     | 24     | 0.3       | 2.6     | 1.73  | 94.2      | 18.2146 | 27.6622 |
| 2009 | 6     | 17  | 23   | 33     | 24     | 0.3       | 2.6     | 1.7   | 94        | 18.2146 | 27.1833 |
| 2009 | 6     | 17  | 23   | 43     | 24     | 0.3       | 2.6     | 1.74  | 93.5      | 18.2146 | 27.8751 |
| 2009 | 6     | 17  | 23   | 53     | 24     | 0.3       | 2.6     | 1.73  | 93.1      | 18.2146 | 27.7686 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 18  | 0    | 3      | 24     | 0.3       | 2.6     | 1.73  | 92.6      | 18.2146 | 27.7686 |
| 2009 | 6     | 18  | 0    | 13     | 24     | 0.3       | 2.6     | 1.7   | 93.8      | 18.2146 | 27.1301 |
| 2009 | 6     | 18  | 0    | 23     | 24     | 0.3       | 2.6     | 1.67  | 93.9      | 18.2146 | 26.7045 |
| 2009 | 6     | 18  | 0    | 33     | 24     | 0.3       | 2.6     | 1.74  | 92.6      | 18.2146 | 27.9283 |
| 2009 | 6     | 18  | 0    | 43     | 24     | 0.3       | 2.6     | 1.69  | 93.2      | 18.2146 | 26.9705 |
| 2009 | 6     | 18  | 0    | 53     | 24     | 0.3       | 2.6     | 1.76  | 95.1      | 18.2146 | 28.0347 |
| 2009 | 6     | 18  | 1    | 3      | 24     | 0.3       | 2.6     | 1.73  | 93.3      | 18.2146 | 27.6622 |
| 2009 | 6     | 18  | 1    | 13     | 24     | 0.3       | 2.6     | 1.67  | 93.7      | 18.2146 | 26.6513 |
| 2009 | 6     | 18  | 1    | 23     | 24     | 0.3       | 2.6     | 1.69  | 95.8      | 18.2146 | 27.0237 |
| 2009 | 6     | 18  | 1    | 33     | 24     | 0.3       | 2.6     | 1.75  | 92.9      | 18.189  | 27.9424 |
| 2009 | 6     | 18  | 1    | 43     | 24     | 0.3       | 2.6     | 1.71  | 92.5      | 18.189  | 27.3047 |
| 2009 | 6     | 18  | 1    | 53     | 24     | 0.3       | 2.6     | 1.7   | 93        | 18.189  | 27.1453 |
| 2009 | 6     | 18  | 2    | 3      | 24     | 0.3       | 2.6     | 1.69  | 94.2      | 18.189  | 27.039  |
| 2009 | 6     | 18  | 2    | 13     | 24     | 0.3       | 2.6     | 1.74  | 93.2      | 18.189  | 27.8892 |
| 2009 | 6     | 18  | 2    | 23     | 24     | 0.3       | 2.6     | 1.72  | 95.5      | 18.189  | 27.3578 |
| 2009 | 6     | 18  | 2    | 33     | 24     | 0.3       | 2.6     | 1.71  | 94.4      | 18.189  | 27.2516 |
| 2009 | 6     | 18  | 2    | 43     | 24     | 0.3       | 2.6     | 1.71  | 93.3      | 18.189  | 27.3047 |
| 2009 | 6     | 18  | 2    | 53     | 24     | 0.3       | 2.6     | 1.7   | 93.8      | 18.189  | 27.0922 |
| 2009 | 6     | 18  | 3    | 3      | 24     | 0.3       | 2.6     | 1.71  | 95.9      | 18.189  | 27.2516 |
| 2009 | 6     | 18  | 3    | 13     | 24     | 0.3       | 2.6     | 1.73  | 93.5      | 18.189  | 27.5704 |
| 2009 | 6     | 18  | 3    | 23     | 24     | 0.3       | 2.6     | 1.73  | 92.4      | 18.189  | 27.6235 |
| 2009 | 6     | 18  | 3    | 33     | 24     | 0.3       | 2.6     | 1.69  | 94.6      | 18.1634 | 26.9481 |
| 2009 | 6     | 18  | 3    | 43     | 24     | 0.3       | 2.6     | 1.75  | 94.6      | 18.1634 | 27.9032 |
| 2009 | 6     | 18  | 3    | 53     | 24     | 0.3       | 2.6     | 1.73  | 94        | 18.1634 | 27.5318 |
| 2009 | 6     | 18  | 4    | 3      | 24     | 0.3       | 2.6     | 1.72  | 93.8      | 18.1634 | 27.4256 |
| 2009 | 6     | 18  | 4    | 13     | 24     | 0.3       | 2.6     | 1.73  | 92.5      | 18.1634 | 27.6379 |
| 2009 | 6     | 18  | 4    | 23     | 24     | 0.3       | 2.6     | 1.73  | 95.9      | 18.1634 | 27.5318 |
| 2009 | 6     | 18  | 4    | 33     | 24     | 0.3       | 2.6     | 1.73  | 92.8      | 18.1634 | 27.5848 |
| 2009 | 6     | 18  | 4    | 43     | 24     | 0.3       | 2.6     | 1.74  | 95.7      | 18.1634 | 27.6379 |
| 2009 | 6     | 18  | 4    | 53     | 24     | 0.3       | 2.6     | 1.72  | 94.4      | 18.1634 | 27.4256 |
| 2009 | 6     | 18  | 5    | 3      | 24     | 0.3       | 2.6     | 1.74  | 93.4      | 18.1634 | 27.691  |
| 2009 | 6     | 18  | 5    | 13     | 24     | 0.3       | 2.6     | 1.68  | 95.5      | 18.1634 | 26.7359 |
| 2009 | 6     | 18  | 5    | 23     | 24     | 0.3       | 2.6     | 1.73  | 92.2      | 18.1634 | 27.6379 |
| 2009 | 6     | 18  | 5    | 33     | 24     | 0.3       | 2.6     | 1.76  | 94.1      | 18.1634 | 28.0625 |
| 2009 | 6     | 18  | 5    | 43     | 24     | 0.3       | 2.6     | 1.74  | 93.8      | 18.1634 | 27.7971 |
| 2009 | 6     | 18  | 5    | 53     | 24     | 0.3       | 2.6     | 1.76  | 93.6      | 18.1634 | 28.0094 |
| 2009 | 6     | 18  | 6    | 3      | 24     | 0.3       | 2.6     | 1.74  | 93.5      | 18.1634 | 27.744  |
| 2009 | 6     | 18  | 6    | 13     | 24     | 0.3       | 2.6     | 1.69  | 92.3      | 18.1634 | 26.9481 |
| 2009 | 6     | 18  | 6    | 23     | 24     | 0.3       | 2.6     | 1.73  | 95.4      | 18.1634 | 27.5318 |
| 2009 | 6     | 18  | 6    | 33     | 24     | 0.3       | 2.6     | 1.67  | 94.5      | 18.1634 | 26.6298 |
| 2009 | 6     | 18  | 6    | 43     | 24     | 0.3       | 2.6     | 1.72  | 93.3      | 18.1634 | 27.3726 |
| 2009 | 6     | 18  | 6    | 53     | 24     | 0.3       | 2.6     | 1.75  | 94.2      | 18.1634 | 27.9032 |
| 2009 | 6     | 18  | 7    | 3      | 24     | 0.3       | 2.6     | 1.71  | 95.6      | 18.1634 | 27.1603 |
| 2009 | 6     | 18  | 7    | 13     | 24     | 0.3       | 2.6     | 1.7   | 94.5      | 18.1634 | 27.0542 |
| 2009 | 6     | 18  | 7    | 23     | 24     | 0.3       | 2.6     | 1.74  | 93        | 18.1634 | 27.8502 |
| 2009 | 6     | 18  | 7    | 33     | 24     | 0.3       | 2.6     | 1.67  | 95        | 18.1634 | 26.6298 |
| 2009 | 6     | 18  | 7    | 43     | 24     | 0.3       | 2.6     | 1.73  | 94.7      | 18.1634 | 27.5318 |
| 2009 | 6     | 18  | 7    | 53     | 24     | 0.3       | 2.6     | 1.67  | 95.4      | 18.1634 | 26.6298 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 18  | 8    | 3      | 24     | 0.3       | 2.6     | 1.71  | 93.4      | 18.1634 | 27.2665 |
| 2009 | 6     | 18  | 8    | 13     | 24     | 0.3       | 2.6     | 1.7   | 93.4      | 18.1634 | 27.1603 |
| 2009 | 6     | 18  | 8    | 23     | 24     | 0.3       | 2.6     | 1.72  | 92.4      | 18.1634 | 27.4787 |
| 2009 | 6     | 18  | 8    | 33     | 24     | 0.3       | 2.6     | 1.71  | 93.3      | 18.1634 | 27.3195 |
| 2009 | 6     | 18  | 8    | 43     | 24     | 0.3       | 2.6     | 1.71  | 94.3      | 18.1634 | 27.2665 |
| 2009 | 6     | 18  | 8    | 53     | 24     | 0.3       | 2.6     | 1.71  | 93.4      | 18.1634 | 27.2665 |
| 2009 | 6     | 18  | 9    | 3      | 24     | 0.3       | 2.6     | 1.7   | 94.5      | 18.1634 | 27.1073 |
| 2009 | 6     | 18  | 9    | 13     | 24     | 0.3       | 2.6     | 1.72  | 92.9      | 18.1634 | 27.4787 |
| 2009 | 6     | 18  | 9    | 23     | 24     | 0.3       | 2.6     | 1.71  | 94.1      | 18.1634 | 27.2665 |
| 2009 | 6     | 18  | 9    | 33     | 24     | 0.3       | 2.6     | 1.7   | 94.2      | 18.1634 | 27.0542 |
| 2009 | 6     | 18  | 9    | 43     | 24     | 0.3       | 2.6     | 1.67  | 94.2      | 18.1634 | 26.5768 |
| 2009 | 6     | 18  | 9    | 53     | 24     | 0.3       | 2.6     | 1.72  | 91.6      | 18.1634 | 27.4787 |
| 2009 | 6     | 18  | 10   | 3      | 24     | 0.3       | 2.6     | 1.73  | 94.8      | 18.1378 | 27.4402 |
| 2009 | 6     | 18  | 10   | 13     | 24     | 0.3       | 2.6     | 1.71  | 93        | 18.1634 | 27.3726 |
| 2009 | 6     | 18  | 10   | 23     | 24     | 0.3       | 2.6     | 1.67  | 93        | 18.1634 | 26.6298 |
| 2009 | 6     | 18  | 10   | 33     | 24     | 0.3       | 2.6     | 1.76  | 94.3      | 18.1378 | 27.9701 |
| 2009 | 6     | 18  | 10   | 43     | 24     | 0.3       | 2.6     | 1.74  | 92.7      | 18.1378 | 27.8111 |
| 2009 | 6     | 18  | 10   | 53     | 24     | 0.3       | 2.6     | 1.72  | 97        | 18.1634 | 27.2665 |
| 2009 | 6     | 18  | 11   | 3      | 24     | 0.3       | 2.6     | 1.72  | 94.1      | 18.1378 | 27.3342 |
| 2009 | 6     | 18  | 11   | 13     | 24     | 0.3       | 2.6     | 1.71  | 93.4      | 18.1634 | 27.3195 |
| 2009 | 6     | 18  | 11   | 23     | 24     | 0.3       | 2.6     | 1.75  | 94.8      | 18.1378 | 27.8111 |
| 2009 | 6     | 18  | 11   | 33     | 24     | 0.3       | 2.6     | 1.77  | 95.5      | 18.1378 | 28.1291 |
| 2009 | 6     | 18  | 11   | 43     | 24     | 0.3       | 2.6     | 1.69  | 94.7      | 18.1634 | 26.9481 |
| 2009 | 6     | 18  | 11   | 53     | 24     | 0.3       | 2.6     | 1.72  | 94.8      | 18.1634 | 27.3726 |
| 2009 | 6     | 18  | 12   | 3      | 24     | 0.3       | 2.6     | 1.73  | 94.9      | 18.1634 | 27.5848 |
| 2009 | 6     | 18  | 12   | 13     | 24     | 0.3       | 2.6     | 1.72  | 93.3      | 18.1634 | 27.4787 |
| 2009 | 6     | 18  | 12   | 23     | 24     | 0.3       | 2.6     | 1.68  | 94        | 18.1634 | 26.789  |
| 2009 | 6     | 18  | 12   | 33     | 24     | 0.3       | 2.6     | 1.75  | 92.6      | 18.1634 | 27.9032 |
| 2009 | 6     | 18  | 12   | 43     | 24     | 0.3       | 2.6     | 1.71  | 94.1      | 18.1634 | 27.2665 |
| 2009 | 6     | 18  | 12   | 53     | 24     | 0.3       | 2.6     | 1.77  | 94.1      | 18.1634 | 28.2748 |
| 2009 | 6     | 18  | 13   | 3      | 24     | 0.3       | 2.6     | 1.71  | 95.1      | 18.1634 | 27.2665 |
| 2009 | 6     | 18  | 13   | 13     | 24     | 0.3       | 2.6     | 1.74  | 93.6      | 18.1634 | 27.691  |
| 2009 | 6     | 18  | 13   | 23     | 24     | 0.3       | 2.6     | 1.72  | 93.9      | 18.1634 | 27.4787 |
| 2009 | 6     | 18  | 13   | 33     | 24     | 0.3       | 2.6     | 1.75  | 94.5      | 18.1634 | 27.9563 |
| 2009 | 6     | 18  | 13   | 43     | 24     | 0.3       | 2.6     | 1.7   | 91.3      | 18.1634 | 27.2134 |
| 2009 | 6     | 18  | 13   | 53     | 24     | 0.3       | 2.6     | 1.72  | 95.7      | 18.1634 | 27.3195 |
| 2009 | 6     | 18  | 14   | 3      | 24     | 0.3       | 2.6     | 1.71  | 92.5      | 18.1634 | 27.2665 |
| 2009 | 6     | 18  | 14   | 13     | 24     | 0.3       | 2.6     | 1.72  | 94.7      | 18.1634 | 27.3726 |
| 2009 | 6     | 18  | 14   | 23     | 24     | 0.3       | 2.6     | 1.73  | 93.5      | 18.1634 | 27.5318 |
| 2009 | 6     | 18  | 14   | 33     | 24     | 0.3       | 2.6     | 1.73  | 94.8      | 18.1634 | 27.5318 |
| 2009 | 6     | 18  | 14   | 43     | 24     | 0.3       | 2.6     | 1.72  | 92.2      | 18.189  | 27.5704 |
| 2009 | 6     | 18  | 14   | 53     | 24     | 0.3       | 2.6     | 1.73  | 95.3      | 18.189  | 27.6235 |
| 2009 | 6     | 18  | 15   | 3      | 24     | 0.3       | 2.6     | 1.73  | 93        | 18.1634 | 27.5848 |
| 2009 | 6     | 18  | 15   | 13     | 24     | 0.3       | 2.6     | 1.72  | 91.9      | 18.189  | 27.5704 |
| 2009 | 6     | 18  | 15   | 23     | 24     | 0.3       | 2.6     | 1.7   | 93.6      | 18.189  | 27.1984 |
| 2009 | 6     | 18  | 15   | 33     | 24     | 0.3       | 2.6     | 1.73  | 92.6      | 18.189  | 27.6767 |
| 2009 | 6     | 18  | 15   | 43     | 24     | 0.3       | 2.6     | 1.73  | 93.5      | 18.189  | 27.6767 |
| 2009 | 6     | 18  | 15   | 53     | 24     | 0.3       | 2.6     | 1.7   | 93.8      | 18.189  | 27.1453 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 18  | 16   | 3      | 24     | 0.3       | 2.6     | 1.75  | 95        | 18.189  | 27.8892 |
| 2009 | 6     | 18  | 16   | 13     | 24     | 0.3       | 2.6     | 1.72  | 94.3      | 18.189  | 27.411  |
| 2009 | 6     | 18  | 16   | 23     | 24     | 0.3       | 2.6     | 1.72  | 93.3      | 18.189  | 27.4641 |
| 2009 | 6     | 18  | 16   | 33     | 24     | 0.3       | 2.6     | 1.7   | 94.4      | 18.189  | 27.0922 |
| 2009 | 6     | 18  | 16   | 43     | 24     | 0.3       | 2.6     | 1.74  | 94.8      | 18.189  | 27.6767 |
| 2009 | 6     | 18  | 16   | 53     | 24     | 0.3       | 2.6     | 1.7   | 94.2      | 18.189  | 27.0922 |
| 2009 | 6     | 18  | 17   | 3      | 24     | 0.3       | 2.6     | 1.74  | 91.8      | 18.189  | 27.8892 |
| 2009 | 6     | 18  | 17   | 13     | 24     | 0.3       | 2.6     | 1.71  | 94        | 18.189  | 27.3047 |
| 2009 | 6     | 18  | 17   | 23     | 24     | 0.3       | 2.6     | 1.78  | 93.3      | 18.189  | 28.4739 |
| 2009 | 6     | 18  | 17   | 33     | 24     | 0.3       | 2.6     | 1.72  | 93.7      | 18.189  | 27.4641 |
| 2009 | 6     | 18  | 17   | 43     | 24     | 0.3       | 2.6     | 1.74  | 95.2      | 18.189  | 27.6767 |
| 2009 | 6     | 18  | 17   | 53     | 24     | 0.3       | 2.6     | 1.73  | 93.2      | 18.189  | 27.5704 |
| 2009 | 6     | 18  | 18   | 3      | 24     | 0.3       | 2.6     | 1.71  | 95.3      | 18.189  | 27.3047 |
| 2009 | 6     | 18  | 18   | 13     | 24     | 0.3       | 2.6     | 1.71  | 94.6      | 18.189  | 27.3578 |
| 2009 | 6     | 18  | 18   | 23     | 24     | 0.3       | 2.6     | 1.74  | 93.7      | 18.189  | 27.7298 |
| 2009 | 6     | 18  | 18   | 33     | 24     | 0.3       | 2.6     | 1.72  | 95.1      | 18.189  | 27.411  |
| 2009 | 6     | 18  | 18   | 43     | 24     | 0.3       | 2.6     | 1.7   | 95.9      | 18.189  | 27.0922 |
| 2009 | 6     | 18  | 18   | 53     | 24     | 0.3       | 2.6     | 1.67  | 94.7      | 18.189  | 26.6141 |
| 2009 | 6     | 18  | 19   | 3      | 24     | 0.3       | 2.6     | 1.7   | 95.8      | 18.189  | 27.039  |
| 2009 | 6     | 18  | 19   | 13     | 24     | 0.3       | 2.6     | 1.7   | 92.7      | 18.2146 | 27.1833 |
| 2009 | 6     | 18  | 19   | 23     | 24     | 0.3       | 2.6     | 1.71  | 93.9      | 18.189  | 27.3047 |
| 2009 | 6     | 18  | 19   | 33     | 24     | 0.3       | 2.6     | 1.72  | 91.9      | 18.189  | 27.4641 |
| 2009 | 6     | 18  | 19   | 43     | 24     | 0.3       | 2.6     | 1.72  | 94.9      | 18.189  | 27.4641 |
| 2009 | 6     | 18  | 19   | 53     | 24     | 0.3       | 2.6     | 1.7   | 94.2      | 18.189  | 27.1453 |
| 2009 | 6     | 18  | 20   | 3      | 24     | 0.3       | 2.6     | 1.73  | 94.1      | 18.189  | 27.6767 |
| 2009 | 6     | 18  | 20   | 13     | 24     | 0.3       | 2.6     | 1.71  | 92.5      | 18.2146 | 27.4494 |
| 2009 | 6     | 18  | 20   | 23     | 24     | 0.3       | 2.6     | 1.75  | 95.5      | 18.189  | 27.8892 |
| 2009 | 6     | 18  | 20   | 33     | 24     | 0.3       | 2.6     | 1.72  | 91.5      | 18.2146 | 27.5558 |
| 2009 | 6     | 18  | 20   | 43     | 24     | 0.3       | 2.6     | 1.7   | 94.2      | 18.189  | 27.1453 |
| 2009 | 6     | 18  | 20   | 53     | 24     | 0.3       | 2.6     | 1.73  | 92.7      | 18.2146 | 27.6622 |
| 2009 | 6     | 18  | 21   | 3      | 24     | 0.3       | 2.6     | 1.74  | 94.8      | 18.2146 | 27.7686 |
| 2009 | 6     | 18  | 21   | 13     | 24     | 0.3       | 2.6     | 1.71  | 93        | 18.189  | 27.2516 |
| 2009 | 6     | 18  | 21   | 23     | 24     | 0.3       | 2.6     | 1.71  | 94.2      | 18.2146 | 27.2897 |
| 2009 | 6     | 18  | 21   | 33     | 24     | 0.3       | 2.6     | 1.73  | 94        | 18.2146 | 27.609  |
| 2009 | 6     | 18  | 21   | 43     | 24     | 0.3       | 2.6     | 1.7   | 93.9      | 18.189  | 27.1984 |
| 2009 | 6     | 18  | 21   | 53     | 24     | 0.3       | 2.6     | 1.7   | 94.5      | 18.189  | 27.1453 |
| 2009 | 6     | 18  | 22   | 3      | 24     | 0.3       | 2.6     | 1.69  | 95.8      | 18.189  | 26.9859 |
| 2009 | 6     | 18  | 22   | 13     | 24     | 0.3       | 2.6     | 1.74  | 95.1      | 18.2146 | 27.8219 |
| 2009 | 6     | 18  | 22   | 23     | 24     | 0.3       | 2.6     | 1.7   | 94.7      | 18.189  | 27.039  |
| 2009 | 6     | 18  | 22   | 33     | 24     | 0.3       | 2.6     | 1.72  | 93.4      | 18.2146 | 27.5026 |
| 2009 | 6     | 18  | 22   | 43     | 24     | 0.3       | 2.6     | 1.75  | 93.9      | 18.2146 | 27.9283 |
| 2009 | 6     | 18  | 22   | 53     | 24     | 0.3       | 2.6     | 1.7   | 91.9      | 18.2146 | 27.2897 |
| 2009 | 6     | 18  | 23   | 3      | 24     | 0.3       | 2.6     | 1.77  | 96.6      | 18.2146 | 28.1412 |
| 2009 | 6     | 18  | 23   | 13     | 24     | 0.3       | 2.6     | 1.7   | 94.1      | 18.189  | 27.1984 |
| 2009 | 6     | 18  | 23   | 23     | 24     | 0.3       | 2.6     | 1.74  | 92.9      | 18.189  | 27.8892 |
| 2009 | 6     | 18  | 23   | 33     | 24     | 0.3       | 2.6     | 1.71  | 92.6      | 18.189  | 27.3047 |
| 2009 | 6     | 18  | 23   | 43     | 24     | 0.3       | 2.6     | 1.66  | 92.8      | 18.189  | 26.5609 |
| 2009 | 6     | 18  | 23   | 53     | 24     | 0.3       | 2.6     | 1.71  | 94.4      | 18.189  | 27.3578 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 19  | 0    | 3      | 24     | 0.3       | 2.6     | 1.72  | 93.2      | 18.189  | 27.4641 |
| 2009 | 6     | 19  | 0    | 13     | 24     | 0.3       | 2.6     | 1.69  | 95        | 18.189  | 26.9859 |
| 2009 | 6     | 19  | 0    | 23     | 24     | 0.3       | 2.6     | 1.73  | 94.2      | 18.189  | 27.5704 |
| 2009 | 6     | 19  | 0    | 33     | 24     | 0.3       | 2.6     | 1.73  | 94.1      | 18.1634 | 27.6379 |
| 2009 | 6     | 19  | 0    | 43     | 24     | 0.3       | 2.6     | 1.72  | 95.8      | 18.1634 | 27.4256 |
| 2009 | 6     | 19  | 0    | 53     | 24     | 0.3       | 2.6     | 1.74  | 96.3      | 18.1634 | 27.5848 |
| 2009 | 6     | 19  | 1    | 3      | 24     | 0.3       | 2.6     | 1.72  | 96.1      | 18.1634 | 27.3726 |
| 2009 | 6     | 19  | 1    | 13     | 24     | 0.3       | 2.6     | 1.75  | 93.7      | 18.1634 | 27.9032 |
| 2009 | 6     | 19  | 1    | 23     | 24     | 0.3       | 2.6     | 1.7   | 94.7      | 18.1378 | 26.9633 |
| 2009 | 6     | 19  | 1    | 33     | 24     | 0.3       | 2.6     | 1.69  | 92        | 18.1378 | 27.0163 |
| 2009 | 6     | 19  | 1    | 43     | 24     | 0.3       | 2.6     | 1.71  | 94.2      | 18.1378 | 27.2282 |
| 2009 | 6     | 19  | 1    | 53     | 24     | 0.3       | 2.6     | 1.74  | 94.1      | 18.1378 | 27.6521 |
| 2009 | 6     | 19  | 2    | 3      | 24     | 0.3       | 2.6     | 1.73  | 94.8      | 18.1122 | 27.5075 |
| 2009 | 6     | 19  | 2    | 13     | 24     | 0.3       | 2.6     | 1.72  | 95        | 18.1122 | 27.2958 |
| 2009 | 6     | 19  | 2    | 23     | 24     | 0.3       | 2.6     | 1.74  | 95        | 18.1122 | 27.6133 |
| 2009 | 6     | 19  | 2    | 33     | 24     | 0.3       | 2.6     | 1.73  | 95.2      | 18.0866 | 27.4688 |
| 2009 | 6     | 19  | 2    | 43     | 24     | 0.3       | 2.6     | 1.72  | 93.9      | 18.0866 | 27.3103 |
| 2009 | 6     | 19  | 2    | 53     | 24     | 0.3       | 2.6     | 1.68  | 93        | 18.0866 | 26.7291 |
| 2009 | 6     | 19  | 3    | 3      | 24     | 0.3       | 2.6     | 1.73  | 95.8      | 18.0866 | 27.4688 |
| 2009 | 6     | 19  | 3    | 13     | 24     | 0.3       | 2.6     | 1.75  | 95.2      | 18.061  | 27.6412 |
| 2009 | 6     | 19  | 3    | 23     | 24     | 0.3       | 2.6     | 1.71  | 94.2      | 18.061  | 27.0608 |
| 2009 | 6     | 19  | 3    | 33     | 24     | 0.3       | 2.6     | 1.71  | 95.7      | 18.061  | 27.1136 |
| 2009 | 6     | 19  | 3    | 43     | 24     | 0.3       | 2.6     | 1.71  | 93        | 18.061  | 27.0608 |
| 2009 | 6     | 19  | 3    | 53     | 24     | 0.3       | 2.6     | 1.7   | 94.2      | 18.061  | 26.9553 |
| 2009 | 6     | 19  | 4    | 3      | 24     | 0.3       | 2.6     | 1.7   | 91.8      | 18.061  | 27.0081 |
| 2009 | 6     | 19  | 4    | 13     | 24     | 0.3       | 2.6     | 1.74  | 95.6      | 18.061  | 27.5885 |
| 2009 | 6     | 19  | 4    | 23     | 24     | 0.3       | 2.6     | 1.7   | 91.9      | 18.0354 | 26.9173 |
| 2009 | 6     | 19  | 4    | 33     | 24     | 0.3       | 2.6     | 1.73  | 95.2      | 18.0354 | 27.3388 |
| 2009 | 6     | 19  | 4    | 43     | 24     | 0.3       | 2.6     | 1.75  | 93.1      | 18.0354 | 27.8131 |
| 2009 | 6     | 19  | 4    | 53     | 24     | 0.3       | 2.6     | 1.73  | 93.4      | 18.0354 | 27.3915 |
| 2009 | 6     | 19  | 5    | 3      | 24     | 0.3       | 2.6     | 1.73  | 92.9      | 18.0354 | 27.3915 |
| 2009 | 6     | 19  | 5    | 13     | 24     | 0.3       | 2.6     | 1.77  | 95.3      | 18.0354 | 28.0239 |
| 2009 | 6     | 19  | 5    | 23     | 24     | 0.3       | 2.6     | 1.71  | 94.8      | 18.0354 | 27.0227 |
| 2009 | 6     | 19  | 5    | 33     | 24     | 0.3       | 2.6     | 1.71  | 93        | 18.0354 | 27.0754 |
| 2009 | 6     | 19  | 5    | 43     | 24     | 0.3       | 2.6     | 1.7   | 92.9      | 18.0354 | 26.9173 |
| 2009 | 6     | 19  | 5    | 53     | 24     | 0.3       | 2.6     | 1.72  | 92.7      | 18.0354 | 27.2861 |
| 2009 | 6     | 19  | 6    | 3      | 24     | 0.3       | 2.6     | 1.71  | 93.2      | 18.0354 | 27.0754 |
| 2009 | 6     | 19  | 6    | 13     | 24     | 0.3       | 2.6     | 1.74  | 94.1      | 18.0354 | 27.6023 |
| 2009 | 6     | 19  | 6    | 23     | 24     | 0.3       | 2.6     | 1.71  | 94.5      | 18.0354 | 27.0227 |
| 2009 | 6     | 19  | 6    | 33     | 24     | 0.3       | 2.6     | 1.69  | 94.2      | 18.061  | 26.8498 |
| 2009 | 6     | 19  | 6    | 43     | 24     | 0.3       | 2.6     | 1.72  | 94.8      | 18.061  | 27.2719 |
| 2009 | 6     | 19  | 6    | 53     | 24     | 0.3       | 2.6     | 1.73  | 93.8      | 18.061  | 27.4829 |
| 2009 | 6     | 19  | 7    | 3      | 24     | 0.3       | 2.6     | 1.74  | 93.6      | 18.061  | 27.5357 |
| 2009 | 6     | 19  | 7    | 13     | 24     | 0.3       | 2.6     | 1.73  | 94.6      | 18.061  | 27.3774 |
| 2009 | 6     | 19  | 7    | 23     | 24     | 0.3       | 2.6     | 1.7   | 92.8      | 18.0866 | 27.099  |
| 2009 | 6     | 19  | 7    | 33     | 24     | 0.3       | 2.6     | 1.7   | 92.6      | 18.0866 | 27.099  |
| 2009 | 6     | 19  | 7    | 43     | 24     | 0.3       | 2.6     | 1.71  | 95        | 18.0866 | 27.0461 |
| 2009 | 6     | 19  | 7    | 53     | 24     | 0.3       | 2.6     | 1.68  | 93.1      | 18.0866 | 26.7291 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 19  | 8    | 3      | 24     | 0.3       | 2.6     | 1.72  | 93.3      | 18.1122 | 27.4017 |
| 2009 | 6     | 19  | 8    | 13     | 24     | 0.3       | 2.6     | 1.74  | 94.1      | 18.1122 | 27.7192 |
| 2009 | 6     | 19  | 8    | 23     | 24     | 0.3       | 2.6     | 1.71  | 94.1      | 18.1122 | 27.1371 |
| 2009 | 6     | 19  | 8    | 33     | 24     | 0.3       | 2.6     | 1.7   | 94.4      | 18.1122 | 27.0842 |
| 2009 | 6     | 19  | 8    | 43     | 24     | 0.3       | 2.6     | 1.7   | 93.5      | 18.1378 | 27.0163 |
| 2009 | 6     | 19  | 8    | 53     | 24     | 0.3       | 2.6     | 1.73  | 94        | 18.1378 | 27.4932 |
| 2009 | 6     | 19  | 9    | 3      | 24     | 0.3       | 2.6     | 1.73  | 92.5      | 18.1378 | 27.5991 |
| 2009 | 6     | 19  | 9    | 13     | 24     | 0.3       | 2.6     | 1.74  | 92.9      | 18.1378 | 27.7581 |
| 2009 | 6     | 19  | 9    | 23     | 24     | 0.3       | 2.6     | 1.71  | 94.9      | 18.1634 | 27.2665 |
| 2009 | 6     | 19  | 9    | 33     | 24     | 0.3       | 2.6     | 1.73  | 93.2      | 18.1378 | 27.4932 |
| 2009 | 6     | 19  | 9    | 43     | 24     | 0.3       | 2.6     | 1.73  | 94.4      | 18.1634 | 27.5318 |
| 2009 | 6     | 19  | 9    | 53     | 24     | 0.3       | 2.6     | 1.71  | 95.4      | 18.1634 | 27.2134 |
| 2009 | 6     | 19  | 10   | 3      | 24     | 0.3       | 2.6     | 1.74  | 95.7      | 18.1634 | 27.744  |
| 2009 | 6     | 19  | 10   | 13     | 24     | 0.3       | 2.6     | 1.69  | 94.9      | 18.1634 | 26.842  |
| 2009 | 6     | 19  | 10   | 23     | 24     | 0.3       | 2.6     | 1.71  | 93.5      | 18.1634 | 27.3195 |
| 2009 | 6     | 19  | 10   | 33     | 24     | 0.3       | 2.6     | 1.75  | 93.2      | 18.1634 | 28.0094 |
| 2009 | 6     | 19  | 10   | 43     | 24     | 0.3       | 2.6     | 1.7   | 92.6      | 18.1634 | 27.2134 |
| 2009 | 6     | 19  | 10   | 53     | 24     | 0.3       | 2.6     | 1.7   | 95.4      | 18.1634 | 27.0012 |
| 2009 | 6     | 19  | 11   | 3      | 24     | 0.3       | 2.6     | 1.71  | 93.4      | 18.1634 | 27.2665 |
| 2009 | 6     | 19  | 11   | 13     | 24     | 0.3       | 2.6     | 1.73  | 94.9      | 18.189  | 27.6235 |
| 2009 | 6     | 19  | 11   | 23     | 24     | 0.3       | 2.6     | 1.75  | 92.4      | 18.189  | 27.9955 |
| 2009 | 6     | 19  | 11   | 33     | 24     | 0.3       | 2.6     | 1.71  | 93.9      | 18.189  | 27.2516 |
| 2009 | 6     | 19  | 11   | 43     | 24     | 0.3       | 2.6     | 1.72  | 94.5      | 18.189  | 27.5172 |
| 2009 | 6     | 19  | 11   | 53     | 24     | 0.3       | 2.6     | 1.73  | 95.8      | 18.189  | 27.6235 |
| 2009 | 6     | 19  | 12   | 3      | 24     | 0.3       | 2.6     | 1.72  | 95.6      | 18.2146 | 27.3961 |
| 2009 | 6     | 19  | 12   | 13     | 24     | 0.3       | 2.6     | 1.71  | 92.6      | 18.2146 | 27.4494 |
| 2009 | 6     | 19  | 12   | 23     | 24     | 0.3       | 2.6     | 1.7   | 93.5      | 18.2146 | 27.1301 |
| 2009 | 6     | 19  | 12   | 33     | 24     | 0.3       | 2.6     | 1.72  | 95.9      | 18.2146 | 27.3961 |
| 2009 | 6     | 19  | 12   | 43     | 24     | 0.3       | 2.6     | 1.7   | 93        | 18.2146 | 27.1833 |
| 2009 | 6     | 19  | 12   | 53     | 24     | 0.3       | 2.6     | 1.72  | 93.2      | 18.2146 | 27.5026 |
| 2009 | 6     | 19  | 13   | 3      | 24     | 0.3       | 2.6     | 1.72  | 92.6      | 18.2146 | 27.5026 |
| 2009 | 6     | 19  | 13   | 13     | 24     | 0.3       | 2.6     | 1.73  | 91.8      | 18.2146 | 27.7154 |
| 2009 | 6     | 19  | 13   | 23     | 24     | 0.3       | 2.6     | 1.73  | 94.9      | 18.2402 | 27.7009 |
| 2009 | 6     | 19  | 13   | 33     | 24     | 0.3       | 2.6     | 1.68  | 94.3      | 18.2402 | 26.8484 |
| 2009 | 6     | 19  | 13   | 43     | 24     | 0.3       | 2.6     | 1.72  | 92.3      | 18.2402 | 27.541  |
| 2009 | 6     | 19  | 13   | 53     | 24     | 0.3       | 2.6     | 1.74  | 92.9      | 18.2402 | 27.8608 |
| 2009 | 6     | 19  | 14   | 3      | 24     | 0.3       | 2.6     | 1.71  | 93        | 18.2402 | 27.4878 |
| 2009 | 6     | 19  | 14   | 13     | 24     | 0.3       | 2.6     | 1.73  | 92.9      | 18.2402 | 27.8075 |
| 2009 | 6     | 19  | 14   | 23     | 24     | 0.3       | 2.6     | 1.7   | 93        | 18.2658 | 27.2594 |
| 2009 | 6     | 19  | 14   | 33     | 24     | 0.3       | 2.6     | 1.64  | 92.9      | 18.2658 | 26.3525 |
| 2009 | 6     | 19  | 14   | 43     | 24     | 0.3       | 2.6     | 1.71  | 93.1      | 18.2658 | 27.4728 |
| 2009 | 6     | 19  | 14   | 53     | 24     | 0.3       | 2.6     | 1.7   | 92.6      | 18.2658 | 27.3661 |
| 2009 | 6     | 19  | 15   | 3      | 24     | 0.3       | 2.6     | 1.7   | 93.5      | 18.2658 | 27.3127 |
| 2009 | 6     | 19  | 15   | 13     | 24     | 0.3       | 2.6     | 1.72  | 93.6      | 18.2658 | 27.6329 |
| 2009 | 6     | 19  | 15   | 23     | 24     | 0.3       | 2.6     | 1.76  | 94.9      | 18.2658 | 28.1666 |
| 2009 | 6     | 19  | 15   | 33     | 24     | 0.3       | 2.6     | 1.72  | 91.2      | 18.2658 | 27.6862 |
| 2009 | 6     | 19  | 15   | 43     | 24     | 0.3       | 2.6     | 1.75  | 93.7      | 18.2915 | 28.099  |
| 2009 | 6     | 19  | 15   | 53     | 24     | 0.3       | 2.6     | 1.76  | 95.3      | 18.2915 | 28.2059 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 19  | 16   | 3      | 24     | 0.3       | 2.6     | 1.72  | 92.3      | 18.2915 | 27.618  |
| 2009 | 6     | 19  | 16   | 13     | 24     | 0.3       | 2.6     | 1.69  | 92.7      | 18.2915 | 27.1906 |
| 2009 | 6     | 19  | 16   | 23     | 24     | 0.3       | 2.6     | 1.73  | 94.5      | 18.2915 | 27.7249 |
| 2009 | 6     | 19  | 16   | 33     | 24     | 0.3       | 2.6     | 1.66  | 91.4      | 18.3171 | 26.6935 |
| 2009 | 6     | 19  | 16   | 43     | 24     | 0.3       | 2.6     | 1.74  | 94.9      | 18.3171 | 27.9776 |
| 2009 | 6     | 19  | 16   | 53     | 24     | 0.3       | 2.6     | 1.74  | 92.7      | 18.3171 | 28.0311 |
| 2009 | 6     | 19  | 17   | 3      | 24     | 0.3       | 2.6     | 1.71  | 94.2      | 18.3427 | 27.4807 |
| 2009 | 6     | 19  | 17   | 13     | 24     | 0.3       | 2.6     | 1.74  | 92.9      | 18.3427 | 28.1237 |
| 2009 | 6     | 19  | 17   | 23     | 24     | 0.3       | 2.6     | 1.72  | 93.4      | 18.3427 | 27.6414 |
| 2009 | 6     | 19  | 17   | 33     | 24     | 0.3       | 2.6     | 1.76  | 93.1      | 18.3427 | 28.3917 |
| 2009 | 6     | 19  | 17   | 43     | 24     | 0.3       | 2.6     | 1.78  | 95.5      | 18.3427 | 28.5525 |
| 2009 | 6     | 19  | 17   | 53     | 24     | 0.3       | 2.6     | 1.71  | 93.4      | 18.3427 | 27.4807 |
| 2009 | 6     | 19  | 18   | 3      | 24     | 0.3       | 2.6     | 1.73  | 94.6      | 18.3427 | 27.8558 |
| 2009 | 6     | 19  | 18   | 13     | 24     | 0.3       | 2.6     | 1.76  | 95.8      | 18.3684 | 28.3238 |
| 2009 | 6     | 19  | 18   | 23     | 24     | 0.3       | 2.6     | 1.71  | 93.3      | 18.3684 | 27.5725 |
| 2009 | 6     | 19  | 18   | 33     | 24     | 0.3       | 2.6     | 1.73  | 95.2      | 18.394  | 27.8257 |
| 2009 | 6     | 19  | 18   | 43     | 24     | 0.3       | 2.6     | 1.72  | 91.5      | 18.4197 | 27.8105 |
| 2009 | 6     | 19  | 18   | 53     | 24     | 0.3       | 2.6     | 1.73  | 93        | 18.394  | 27.9332 |
| 2009 | 6     | 19  | 19   | 3      | 24     | 0.3       | 2.6     | 1.73  | 92.1      | 18.4197 | 27.972  |
| 2009 | 6     | 19  | 19   | 13     | 24     | 0.3       | 2.6     | 1.76  | 94.5      | 18.4197 | 28.4563 |
| 2009 | 6     | 19  | 19   | 23     | 24     | 0.3       | 2.6     | 1.73  | 93.8      | 18.4453 | 28.0646 |
| 2009 | 6     | 19  | 19   | 33     | 24     | 0.3       | 2.6     | 1.74  | 94.9      | 18.471  | 28.1034 |
| 2009 | 6     | 19  | 19   | 43     | 24     | 0.3       | 2.6     | 1.67  | 92.4      | 18.4967 | 27.2238 |
| 2009 | 6     | 19  | 19   | 53     | 24     | 0.3       | 2.6     | 1.73  | 94.3      | 18.4967 | 28.1423 |
| 2009 | 6     | 19  | 20   | 3      | 24     | 0.3       | 2.6     | 1.69  | 92.8      | 18.4967 | 27.4399 |
| 2009 | 6     | 19  | 20   | 13     | 24     | 0.3       | 2.6     | 1.73  | 92.8      | 18.5223 | 28.127  |
| 2009 | 6     | 19  | 20   | 23     | 24     | 0.3       | 2.6     | 1.69  | 90.4      | 18.5223 | 27.4777 |
| 2009 | 6     | 19  | 20   | 33     | 24     | 0.3       | 2.6     | 1.71  | 94.2      | 18.5223 | 27.8564 |
| 2009 | 6     | 19  | 20   | 43     | 24     | 0.3       | 2.6     | 1.71  | 92.5      | 18.5223 | 27.8564 |
| 2009 | 6     | 19  | 20   | 53     | 24     | 0.3       | 2.6     | 1.72  | 92.1      | 18.548  | 28.1116 |
| 2009 | 6     | 19  | 21   | 3      | 24     | 0.3       | 2.6     | 1.74  | 93.5      | 18.548  | 28.3283 |
| 2009 | 6     | 19  | 21   | 13     | 24     | 0.3       | 2.6     | 1.7   | 92        | 18.548  | 27.7323 |
| 2009 | 6     | 19  | 21   | 23     | 24     | 0.3       | 2.6     | 1.71  | 92.5      | 18.5737 | 27.9332 |
| 2009 | 6     | 19  | 21   | 33     | 24     | 0.3       | 2.6     | 1.73  | 94.1      | 18.5737 | 28.2588 |
| 2009 | 6     | 19  | 21   | 43     | 24     | 0.3       | 2.6     | 1.72  | 93.1      | 18.5737 | 28.096  |
| 2009 | 6     | 19  | 21   | 53     | 24     | 0.3       | 2.6     | 1.72  | 94        | 18.5737 | 28.096  |
| 2009 | 6     | 19  | 22   | 3      | 24     | 0.3       | 2.6     | 1.75  | 94        | 18.5994 | 28.515  |
| 2009 | 6     | 19  | 22   | 13     | 24     | 0.3       | 2.6     | 1.79  | 92.8      | 18.5994 | 29.2215 |
| 2009 | 6     | 19  | 22   | 23     | 24     | 0.3       | 2.6     | 1.74  | 94.5      | 18.5994 | 28.4063 |
| 2009 | 6     | 19  | 22   | 33     | 24     | 0.3       | 2.6     | 1.73  | 95.5      | 18.5994 | 28.1346 |
| 2009 | 6     | 19  | 22   | 43     | 24     | 0.3       | 2.6     | 1.71  | 92.6      | 18.5994 | 27.9173 |
| 2009 | 6     | 19  | 22   | 53     | 24     | 0.3       | 2.6     | 1.71  | 91        | 18.5994 | 27.9173 |
| 2009 | 6     | 19  | 23   | 3      | 24     | 0.3       | 2.6     | 1.73  | 92.6      | 18.5994 | 28.352  |
| 2009 | 6     | 19  | 23   | 13     | 24     | 0.3       | 2.6     | 1.74  | 92.9      | 18.5994 | 28.515  |
| 2009 | 6     | 19  | 23   | 23     | 24     | 0.3       | 2.6     | 1.71  | 91.9      | 18.5994 | 28.026  |
| 2009 | 6     | 19  | 23   | 33     | 24     | 0.3       | 2.6     | 1.74  | 92.8      | 18.5994 | 28.4063 |
| 2009 | 6     | 19  | 23   | 43     | 24     | 0.3       | 2.6     | 1.73  | 93.1      | 18.5994 | 28.2977 |
| 2009 | 6     | 19  | 23   | 53     | 24     | 0.3       | 2.6     | 1.69  | 93.6      | 18.5994 | 27.6457 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 20  | 0    | 3      | 24     | 0.3       | 2.6     | 1.7   | 92.9      | 18.5994 | 27.863  |
| 2009 | 6     | 20  | 0    | 13     | 24     | 0.3       | 2.6     | 1.73  | 91.7      | 18.625  | 28.3909 |
| 2009 | 6     | 20  | 0    | 23     | 24     | 0.3       | 2.6     | 1.76  | 95.1      | 18.625  | 28.7718 |
| 2009 | 6     | 20  | 0    | 33     | 24     | 0.3       | 2.6     | 1.73  | 94.5      | 18.625  | 28.2821 |
| 2009 | 6     | 20  | 0    | 43     | 24     | 0.3       | 2.6     | 1.7   | 94        | 18.625  | 27.7925 |
| 2009 | 6     | 20  | 0    | 53     | 24     | 0.3       | 2.6     | 1.75  | 94.6      | 18.625  | 28.663  |
| 2009 | 6     | 20  | 1    | 3      | 24     | 0.3       | 2.6     | 1.73  | 94.7      | 18.625  | 28.3365 |
| 2009 | 6     | 20  | 1    | 13     | 24     | 0.3       | 2.6     | 1.71  | 91.9      | 18.625  | 28.0645 |
| 2009 | 6     | 20  | 1    | 23     | 24     | 0.3       | 2.6     | 1.75  | 94.7      | 18.625  | 28.5542 |
| 2009 | 6     | 20  | 1    | 33     | 24     | 0.3       | 2.6     | 1.68  | 91.9      | 18.625  | 27.5749 |
| 2009 | 6     | 20  | 1    | 43     | 24     | 0.3       | 2.6     | 1.75  | 93.5      | 18.625  | 28.6086 |
| 2009 | 6     | 20  | 1    | 53     | 24     | 0.3       | 2.6     | 1.72  | 94.3      | 18.625  | 28.1733 |
| 2009 | 6     | 20  | 2    | 3      | 24     | 0.3       | 2.6     | 1.71  | 95.2      | 18.6507 | 27.994  |
| 2009 | 6     | 20  | 2    | 13     | 24     | 0.3       | 2.6     | 1.76  | 92.3      | 18.6507 | 28.9203 |
| 2009 | 6     | 20  | 2    | 23     | 24     | 0.3       | 2.6     | 1.71  | 92.4      | 18.6507 | 28.0485 |
| 2009 | 6     | 20  | 2    | 33     | 24     | 0.3       | 2.6     | 1.73  | 93.7      | 18.6507 | 28.2664 |
| 2009 | 6     | 20  | 2    | 43     | 24     | 0.3       | 2.6     | 1.73  | 89.9      | 18.6507 | 28.4299 |
| 2009 | 6     | 20  | 2    | 53     | 24     | 0.3       | 2.6     | 1.72  | 93        | 18.6764 | 28.196  |
| 2009 | 6     | 20  | 3    | 3      | 24     | 0.3       | 2.6     | 1.76  | 92.5      | 18.6764 | 28.9054 |
| 2009 | 6     | 20  | 3    | 13     | 24     | 0.3       | 2.6     | 1.71  | 92.9      | 18.7021 | 28.18   |
| 2009 | 6     | 20  | 3    | 23     | 24     | 0.3       | 2.6     | 1.76  | 93.3      | 18.7278 | 28.9845 |
| 2009 | 6     | 20  | 3    | 33     | 24     | 0.3       | 2.6     | 1.72  | 91.5      | 18.7793 | 28.4603 |
| 2009 | 6     | 20  | 3    | 43     | 24     | 0.3       | 2.6     | 1.7   | 93        | 18.7793 | 28.0763 |
| 2009 | 6     | 20  | 3    | 53     | 24     | 0.3       | 2.6     | 1.75  | 93.9      | 18.7793 | 28.8992 |
| 2009 | 6     | 20  | 4    | 3      | 24     | 0.3       | 2.6     | 1.71  | 91.5      | 18.805  | 28.3353 |
| 2009 | 6     | 20  | 4    | 13     | 24     | 0.3       | 2.6     | 1.72  | 94.2      | 18.805  | 28.3353 |
| 2009 | 6     | 20  | 4    | 23     | 24     | 0.3       | 2.6     | 1.7   | 93.4      | 18.8307 | 28.0999 |
| 2009 | 6     | 20  | 4    | 33     | 24     | 0.3       | 2.6     | 1.73  | 92.2      | 18.8307 | 28.705  |
| 2009 | 6     | 20  | 4    | 43     | 24     | 0.3       | 2.6     | 1.71  | 93.3      | 18.8307 | 28.32   |
| 2009 | 6     | 20  | 4    | 53     | 24     | 0.3       | 2.6     | 1.75  | 94.5      | 18.8307 | 28.8701 |
| 2009 | 6     | 20  | 5    | 3      | 24     | 0.3       | 2.6     | 1.73  | 92.9      | 18.8564 | 28.69   |
| 2009 | 6     | 20  | 5    | 13     | 24     | 0.3       | 2.6     | 1.74  | 93.1      | 18.8564 | 28.9104 |
| 2009 | 6     | 20  | 5    | 23     | 24     | 0.3       | 2.6     | 1.73  | 92.2      | 18.8564 | 28.7451 |
| 2009 | 6     | 20  | 5    | 33     | 24     | 0.3       | 2.6     | 1.72  | 90.8      | 18.8564 | 28.5799 |
| 2009 | 6     | 20  | 5    | 43     | 24     | 0.3       | 2.6     | 1.72  | 93.1      | 18.8564 | 28.4697 |
| 2009 | 6     | 20  | 5    | 53     | 24     | 0.3       | 2.6     | 1.79  | 92.7      | 18.8822 | 29.7233 |
| 2009 | 6     | 20  | 6    | 3      | 24     | 0.3       | 2.6     | 1.74  | 94        | 18.8822 | 28.8404 |
| 2009 | 6     | 20  | 6    | 13     | 24     | 0.3       | 2.6     | 1.74  | 94.1      | 18.8822 | 28.8956 |
| 2009 | 6     | 20  | 6    | 23     | 24     | 0.3       | 2.6     | 1.74  | 95.4      | 18.8822 | 28.7852 |
| 2009 | 6     | 20  | 6    | 33     | 24     | 0.3       | 2.6     | 1.68  | 92.7      | 18.9079 | 27.9968 |
| 2009 | 6     | 20  | 6    | 43     | 24     | 0.3       | 2.6     | 1.71  | 93        | 18.9079 | 28.3282 |
| 2009 | 6     | 20  | 6    | 53     | 24     | 0.3       | 2.6     | 1.72  | 93.6      | 18.9079 | 28.5492 |
| 2009 | 6     | 20  | 7    | 3      | 24     | 0.3       | 2.6     | 1.74  | 92.6      | 18.9079 | 28.8806 |
| 2009 | 6     | 20  | 7    | 13     | 24     | 0.3       | 2.6     | 1.75  | 93.5      | 18.9336 | 29.0868 |
| 2009 | 6     | 20  | 7    | 23     | 24     | 0.3       | 2.6     | 1.73  | 94.2      | 18.9336 | 28.6995 |
| 2009 | 6     | 20  | 7    | 33     | 24     | 0.3       | 2.6     | 1.75  | 94.7      | 18.9851 | 29.1122 |
| 2009 | 6     | 20  | 7    | 43     | 24     | 0.3       | 2.6     | 1.75  | 94.2      | 18.9851 | 29.1122 |
| 2009 | 6     | 20  | 7    | 53     | 24     | 0.3       | 2.6     | 1.74  | 94.1      | 19.0367 | 29.0261 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 20  | 8    | 3      | 24     | 0.3       | 2.6     | 1.76  | 94.8      | 19.0367 | 29.3599 |
| 2009 | 6     | 20  | 8    | 13     | 24     | 0.3       | 2.6     | 1.77  | 91.8      | 19.0367 | 29.6381 |
| 2009 | 6     | 20  | 8    | 23     | 24     | 0.3       | 2.6     | 1.75  | 92.5      | 19.0624 | 29.2891 |
| 2009 | 6     | 20  | 8    | 33     | 24     | 0.3       | 2.6     | 1.74  | 93.2      | 19.0882 | 29.2738 |
| 2009 | 6     | 20  | 8    | 43     | 24     | 0.3       | 2.6     | 1.75  | 92.2      | 19.0882 | 29.3296 |
| 2009 | 6     | 20  | 8    | 53     | 24     | 0.3       | 2.6     | 1.76  | 93.1      | 19.0882 | 29.497  |
| 2009 | 6     | 20  | 9    | 3      | 24     | 0.3       | 2.6     | 1.77  | 94.3      | 19.114  | 29.6494 |
| 2009 | 6     | 20  | 9    | 13     | 24     | 0.3       | 2.6     | 1.72  | 93.7      | 19.114  | 28.8674 |
| 2009 | 6     | 20  | 9    | 23     | 24     | 0.3       | 2.6     | 1.7   | 94        | 19.114  | 28.5881 |
| 2009 | 6     | 20  | 9    | 33     | 24     | 0.3       | 2.6     | 1.74  | 93.3      | 19.1397 | 29.1868 |
| 2009 | 6     | 20  | 9    | 43     | 24     | 0.3       | 2.6     | 1.74  | 95.3      | 19.1397 | 29.1309 |
| 2009 | 6     | 20  | 9    | 53     | 24     | 0.3       | 2.6     | 1.72  | 93.4      | 19.1397 | 28.8512 |
| 2009 | 6     | 20  | 10   | 3      | 24     | 0.3       | 2.6     | 1.74  | 94.1      | 19.1397 | 29.1868 |
| 2009 | 6     | 20  | 10   | 13     | 24     | 0.3       | 2.6     | 1.72  | 92.6      | 19.1397 | 29.019  |
| 2009 | 6     | 20  | 10   | 23     | 24     | 0.3       | 2.6     | 1.75  | 92.5      | 19.1655 | 29.5071 |
| 2009 | 6     | 20  | 10   | 33     | 24     | 0.3       | 2.6     | 1.78  | 94.1      | 19.1655 | 29.8993 |
| 2009 | 6     | 20  | 10   | 43     | 24     | 0.3       | 2.6     | 1.75  | 95.6      | 19.1655 | 29.3951 |
| 2009 | 6     | 20  | 10   | 53     | 24     | 0.3       | 2.6     | 1.77  | 91.7      | 19.1913 | 29.8282 |
| 2009 | 6     | 20  | 11   | 3      | 24     | 0.3       | 2.6     | 1.74  | 91.8      | 19.1913 | 29.3794 |
| 2009 | 6     | 20  | 11   | 13     | 24     | 0.3       | 2.6     | 1.74  | 94.1      | 19.1913 | 29.2673 |
| 2009 | 6     | 20  | 11   | 23     | 24     | 0.3       | 2.6     | 1.75  | 91.8      | 19.1913 | 29.5477 |
| 2009 | 6     | 20  | 11   | 33     | 24     | 0.3       | 2.6     | 1.77  | 94.3      | 19.2171 | 29.8692 |
| 2009 | 6     | 20  | 11   | 43     | 24     | 0.3       | 2.6     | 1.76  | 92.4      | 19.2171 | 29.7569 |
| 2009 | 6     | 20  | 11   | 53     | 24     | 0.3       | 2.6     | 1.7   | 95.7      | 19.2429 | 28.6166 |
| 2009 | 6     | 20  | 12   | 3      | 24     | 0.3       | 2.6     | 1.75  | 92.1      | 19.2429 | 29.6289 |
| 2009 | 6     | 20  | 12   | 13     | 24     | 0.3       | 2.6     | 1.71  | 93.5      | 19.2429 | 28.954  |
| 2009 | 6     | 20  | 12   | 23     | 24     | 0.3       | 2.6     | 1.75  | 93.2      | 19.2687 | 29.6696 |
| 2009 | 6     | 20  | 12   | 33     | 24     | 0.3       | 2.6     | 1.74  | 90.8      | 19.3203 | 29.5249 |
| 2009 | 6     | 20  | 12   | 43     | 24     | 0.3       | 2.6     | 1.76  | 94.1      | 19.3203 | 29.8638 |
| 2009 | 6     | 20  | 12   | 53     | 24     | 0.3       | 2.6     | 1.72  | 94.9      | 19.3461 | 29.1694 |
| 2009 | 6     | 20  | 13   | 3      | 24     | 0.3       | 2.6     | 1.72  | 93.5      | 19.3719 | 29.3225 |
| 2009 | 6     | 20  | 13   | 13     | 24     | 0.3       | 2.6     | 1.79  | 94.6      | 19.3719 | 30.4552 |
| 2009 | 6     | 20  | 13   | 23     | 24     | 0.3       | 2.6     | 1.76  | 93.2      | 19.3977 | 30.043  |
| 2009 | 6     | 20  | 13   | 33     | 24     | 0.3       | 2.6     | 1.78  | 92.6      | 19.3977 | 30.3266 |
| 2009 | 6     | 20  | 13   | 43     | 24     | 0.3       | 2.6     | 1.76  | 91.8      | 19.4235 | 30.0271 |
| 2009 | 6     | 20  | 13   | 53     | 24     | 0.3       | 2.6     | 1.73  | 93        | 19.4235 | 29.6295 |
| 2009 | 6     | 20  | 14   | 3      | 24     | 0.3       | 2.6     | 1.76  | 94.3      | 19.4235 | 30.0271 |
| 2009 | 6     | 20  | 14   | 13     | 24     | 0.3       | 2.6     | 1.74  | 93.6      | 19.4493 | 29.7836 |
| 2009 | 6     | 20  | 14   | 23     | 24     | 0.3       | 2.6     | 1.74  | 93.7      | 19.4493 | 29.7836 |
| 2009 | 6     | 20  | 14   | 33     | 24     | 0.3       | 2.6     | 1.73  | 94.6      | 19.4493 | 29.613  |
| 2009 | 6     | 20  | 14   | 43     | 24     | 0.3       | 2.6     | 1.75  | 95.5      | 19.4752 | 29.881  |
| 2009 | 6     | 20  | 14   | 53     | 24     | 0.3       | 2.6     | 1.79  | 92.6      | 19.4752 | 30.7352 |
| 2009 | 6     | 20  | 15   | 3      | 24     | 0.3       | 2.6     | 1.7   | 93.1      | 19.4752 | 29.1408 |
| 2009 | 6     | 20  | 15   | 13     | 24     | 0.3       | 2.6     | 1.71  | 92.2      | 19.501  | 29.4084 |
| 2009 | 6     | 20  | 15   | 23     | 24     | 0.3       | 2.6     | 1.71  | 93.7      | 19.501  | 29.2374 |
| 2009 | 6     | 20  | 15   | 33     | 24     | 0.3       | 2.6     | 1.76  | 94        | 19.501  | 30.1496 |
| 2009 | 6     | 20  | 15   | 43     | 24     | 0.3       | 2.6     | 1.73  | 94.2      | 19.501  | 29.6934 |
| 2009 | 6     | 20  | 15   | 53     | 24     | 0.3       | 2.6     | 1.77  | 94.3      | 19.5268 | 30.3047 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 20  | 16   | 3      | 24     | 0.3       | 2.6     | 1.77  | 93.2      | 19.5268 | 30.476  |
| 2009 | 6     | 20  | 16   | 13     | 24     | 0.3       | 2.6     | 1.76  | 93.6      | 19.5268 | 30.1333 |
| 2009 | 6     | 20  | 16   | 23     | 24     | 0.3       | 2.6     | 1.73  | 92.3      | 19.5268 | 29.7908 |
| 2009 | 6     | 20  | 16   | 33     | 24     | 0.3       | 2.6     | 1.75  | 94.7      | 19.5527 | 30.0026 |
| 2009 | 6     | 20  | 16   | 43     | 24     | 0.3       | 2.6     | 1.74  | 92.9      | 19.5527 | 30.0026 |
| 2009 | 6     | 20  | 16   | 53     | 24     | 0.3       | 2.6     | 1.8   | 92.7      | 19.5527 | 30.9175 |
| 2009 | 6     | 20  | 17   | 3      | 24     | 0.3       | 2.6     | 1.74  | 94.9      | 19.5527 | 29.8311 |
| 2009 | 6     | 20  | 17   | 13     | 24     | 0.3       | 2.6     | 1.77  | 94.6      | 19.5785 | 30.444  |
| 2009 | 6     | 20  | 17   | 23     | 24     | 0.3       | 2.6     | 1.74  | 92.9      | 19.5785 | 29.9859 |
| 2009 | 6     | 20  | 17   | 33     | 24     | 0.3       | 2.6     | 1.77  | 94.1      | 19.5785 | 30.5012 |
| 2009 | 6     | 20  | 17   | 43     | 24     | 0.3       | 2.6     | 1.79  | 95.6      | 19.6044 | 30.8291 |
| 2009 | 6     | 20  | 17   | 53     | 24     | 0.3       | 2.6     | 1.75  | 94.7      | 19.6044 | 30.1411 |
| 2009 | 6     | 20  | 18   | 3      | 24     | 0.3       | 2.6     | 1.76  | 94.4      | 19.6044 | 30.2557 |
| 2009 | 6     | 20  | 18   | 13     | 24     | 0.3       | 2.6     | 1.76  | 94.9      | 19.6302 | 30.2391 |
| 2009 | 6     | 20  | 18   | 23     | 24     | 0.3       | 2.6     | 1.76  | 92.7      | 19.6561 | 30.5098 |
| 2009 | 6     | 20  | 18   | 33     | 24     | 0.3       | 2.6     | 1.78  | 93.9      | 19.6819 | 30.7236 |
| 2009 | 6     | 20  | 18   | 43     | 24     | 0.3       | 2.6     | 1.71  | 93.7      | 19.6819 | 29.63   |
| 2009 | 6     | 20  | 18   | 53     | 24     | 0.3       | 2.6     | 1.73  | 94        | 19.7078 | 30.0156 |
| 2009 | 6     | 20  | 19   | 3      | 24     | 0.3       | 2.6     | 1.76  | 94.9      | 19.7336 | 30.5176 |
| 2009 | 6     | 20  | 19   | 13     | 24     | 0.3       | 2.6     | 1.76  | 93.5      | 19.7595 | 30.6163 |
| 2009 | 6     | 20  | 19   | 23     | 24     | 0.3       | 2.6     | 1.74  | 94.7      | 19.7595 | 30.2696 |
| 2009 | 6     | 20  | 19   | 33     | 24     | 0.3       | 2.6     | 1.73  | 93.8      | 19.7595 | 30.0962 |
| 2009 | 6     | 20  | 19   | 43     | 24     | 0.3       | 2.6     | 1.79  | 93.5      | 19.7854 | 31.1204 |
| 2009 | 6     | 20  | 19   | 53     | 24     | 0.3       | 2.6     | 1.75  | 94.2      | 19.8113 | 30.4086 |
| 2009 | 6     | 20  | 20   | 3      | 24     | 0.3       | 2.6     | 1.78  | 94.3      | 19.8113 | 30.9302 |
| 2009 | 6     | 20  | 20   | 13     | 24     | 0.3       | 2.6     | 1.75  | 94.7      | 19.8113 | 30.4666 |
| 2009 | 6     | 20  | 20   | 23     | 24     | 0.3       | 2.6     | 1.77  | 93.9      | 19.8113 | 30.7563 |
| 2009 | 6     | 20  | 20   | 33     | 24     | 0.3       | 2.6     | 1.77  | 95.9      | 19.8371 | 30.7394 |
| 2009 | 6     | 20  | 20   | 43     | 24     | 0.3       | 2.6     | 1.76  | 95.6      | 19.8371 | 30.6233 |
| 2009 | 6     | 20  | 20   | 53     | 24     | 0.3       | 2.6     | 1.79  | 94.3      | 19.8371 | 31.1456 |
| 2009 | 6     | 20  | 21   | 3      | 24     | 0.3       | 2.6     | 1.78  | 94.3      | 19.8371 | 31.0295 |
| 2009 | 6     | 20  | 21   | 13     | 24     | 0.3       | 2.6     | 1.72  | 92.7      | 19.863  | 30.1413 |
| 2009 | 6     | 20  | 21   | 23     | 24     | 0.3       | 2.6     | 1.75  | 94.4      | 19.863  | 30.548  |
| 2009 | 6     | 20  | 21   | 33     | 24     | 0.3       | 2.6     | 1.78  | 94.6      | 19.863  | 31.071  |
| 2009 | 6     | 20  | 21   | 43     | 24     | 0.3       | 2.6     | 1.75  | 94.6      | 19.863  | 30.548  |
| 2009 | 6     | 20  | 21   | 53     | 24     | 0.3       | 2.6     | 1.77  | 92.9      | 19.863  | 30.8966 |
| 2009 | 6     | 20  | 22   | 3      | 24     | 0.3       | 2.6     | 1.77  | 94.6      | 19.863  | 30.8966 |
| 2009 | 6     | 20  | 22   | 13     | 24     | 0.3       | 2.6     | 1.76  | 96.2      | 19.8889 | 30.6469 |
| 2009 | 6     | 20  | 22   | 23     | 24     | 0.3       | 2.6     | 1.74  | 93.1      | 19.8889 | 30.4142 |
| 2009 | 6     | 20  | 22   | 33     | 24     | 0.3       | 2.6     | 1.73  | 92.6      | 19.8889 | 30.356  |
| 2009 | 6     | 20  | 22   | 43     | 24     | 0.3       | 2.6     | 1.74  | 95        | 19.8889 | 30.4142 |
| 2009 | 6     | 20  | 22   | 53     | 24     | 0.3       | 2.6     | 1.76  | 94        | 19.8889 | 30.7633 |
| 2009 | 6     | 20  | 23   | 3      | 24     | 0.3       | 2.6     | 1.78  | 93.2      | 19.8889 | 31.2288 |
| 2009 | 6     | 20  | 23   | 13     | 24     | 0.3       | 2.6     | 1.74  | 93.4      | 19.8889 | 30.356  |
| 2009 | 6     | 20  | 23   | 23     | 24     | 0.3       | 2.6     | 1.78  | 95        | 19.9148 | 31.0373 |
| 2009 | 6     | 20  | 23   | 33     | 24     | 0.3       | 2.6     | 1.75  | 94.2      | 19.9148 | 30.5712 |
| 2009 | 6     | 20  | 23   | 43     | 24     | 0.3       | 2.6     | 1.76  | 93.9      | 19.9148 | 30.8625 |
| 2009 | 6     | 20  | 23   | 53     | 24     | 0.3       | 2.6     | 1.74  | 92.8      | 19.9148 | 30.4547 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 21  | 0    | 3      | 24     | 0.3       | 2.6     | 1.74  | 92.9      | 19.9148 | 30.5712 |
| 2009 | 6     | 21  | 0    | 13     | 24     | 0.3       | 2.6     | 1.77  | 93.7      | 19.9407 | 31.0203 |
| 2009 | 6     | 21  | 0    | 23     | 24     | 0.3       | 2.6     | 1.78  | 95.1      | 19.9407 | 31.1369 |
| 2009 | 6     | 21  | 0    | 33     | 24     | 0.3       | 2.6     | 1.72  | 94.5      | 19.9407 | 30.1453 |
| 2009 | 6     | 21  | 0    | 43     | 24     | 0.3       | 2.6     | 1.77  | 94        | 19.9407 | 30.9619 |
| 2009 | 6     | 21  | 0    | 53     | 24     | 0.3       | 2.6     | 1.81  | 94        | 19.9666 | 31.821  |
| 2009 | 6     | 21  | 1    | 3      | 24     | 0.3       | 2.6     | 1.77  | 93.6      | 19.9666 | 31.1199 |
| 2009 | 6     | 21  | 1    | 13     | 24     | 0.3       | 2.6     | 1.79  | 95.7      | 19.9666 | 31.2952 |
| 2009 | 6     | 21  | 1    | 23     | 24     | 0.3       | 2.6     | 1.77  | 93.5      | 19.9666 | 31.0031 |
| 2009 | 6     | 21  | 1    | 33     | 24     | 0.3       | 2.6     | 1.72  | 93.3      | 19.9925 | 30.2254 |
| 2009 | 6     | 21  | 1    | 43     | 24     | 0.3       | 2.6     | 1.82  | 92.1      | 20.0184 | 32.0227 |
| 2009 | 6     | 21  | 1    | 53     | 24     | 0.3       | 2.6     | 1.77  | 94.8      | 20.0184 | 31.2025 |
| 2009 | 6     | 21  | 2    | 3      | 24     | 0.3       | 2.6     | 1.76  | 94.1      | 20.0184 | 30.9682 |
| 2009 | 6     | 21  | 2    | 13     | 24     | 0.3       | 2.6     | 1.77  | 95        | 20.0443 | 31.0679 |
| 2009 | 6     | 21  | 2    | 23     | 24     | 0.3       | 2.6     | 1.8   | 92.7      | 20.0443 | 31.7131 |
| 2009 | 6     | 21  | 2    | 33     | 24     | 0.3       | 2.6     | 1.76  | 95        | 20.0702 | 30.9915 |
| 2009 | 6     | 21  | 2    | 43     | 24     | 0.3       | 2.6     | 1.78  | 94.3      | 20.0702 | 31.4614 |
| 2009 | 6     | 21  | 2    | 53     | 24     | 0.3       | 2.6     | 1.78  | 93.2      | 20.0702 | 31.4614 |
| 2009 | 6     | 21  | 3    | 3      | 24     | 0.3       | 2.6     | 1.79  | 94        | 20.0702 | 31.5788 |
| 2009 | 6     | 21  | 3    | 13     | 24     | 0.3       | 2.6     | 1.76  | 92.9      | 20.0702 | 31.1677 |
| 2009 | 6     | 21  | 3    | 23     | 24     | 0.3       | 2.6     | 1.77  | 94.3      | 20.0961 | 31.2677 |
| 2009 | 6     | 21  | 3    | 33     | 24     | 0.3       | 2.6     | 1.79  | 94.2      | 20.0961 | 31.5617 |
| 2009 | 6     | 21  | 3    | 43     | 24     | 0.3       | 2.6     | 1.78  | 93.6      | 20.0961 | 31.4441 |
| 2009 | 6     | 21  | 3    | 53     | 24     | 0.3       | 2.6     | 1.79  | 91.1      | 20.0961 | 31.6206 |
| 2009 | 6     | 21  | 4    | 3      | 24     | 0.3       | 2.6     | 1.77  | 96.1      | 20.0961 | 31.1501 |
| 2009 | 6     | 21  | 4    | 13     | 24     | 0.3       | 2.6     | 1.73  | 96.4      | 20.0961 | 30.4445 |
| 2009 | 6     | 21  | 4    | 23     | 24     | 0.3       | 2.6     | 1.77  | 94.5      | 20.0961 | 31.2677 |
| 2009 | 6     | 21  | 4    | 33     | 24     | 0.3       | 2.6     | 1.74  | 93.4      | 20.0961 | 30.7385 |
| 2009 | 6     | 21  | 4    | 43     | 24     | 0.3       | 2.6     | 1.76  | 93.5      | 20.1221 | 31.1912 |
| 2009 | 6     | 21  | 4    | 53     | 24     | 0.3       | 2.6     | 1.74  | 92.3      | 20.0961 | 30.7973 |
| 2009 | 6     | 21  | 5    | 3      | 24     | 0.3       | 2.6     | 1.8   | 92.9      | 20.1221 | 31.839  |
| 2009 | 6     | 21  | 5    | 13     | 24     | 0.3       | 2.6     | 1.77  | 94.8      | 20.1221 | 31.3678 |
| 2009 | 6     | 21  | 5    | 23     | 24     | 0.3       | 2.6     | 1.81  | 93.3      | 20.1221 | 32.0746 |
| 2009 | 6     | 21  | 5    | 33     | 24     | 0.3       | 2.6     | 1.74  | 95.9      | 20.1221 | 30.7791 |
| 2009 | 6     | 21  | 5    | 43     | 24     | 0.3       | 2.6     | 1.81  | 94.8      | 20.1221 | 31.9568 |
| 2009 | 6     | 21  | 5    | 53     | 24     | 0.3       | 2.6     | 1.78  | 95.1      | 20.1221 | 31.3678 |
| 2009 | 6     | 21  | 6    | 3      | 24     | 0.3       | 2.6     | 1.81  | 94.1      | 20.1221 | 31.9568 |
| 2009 | 6     | 21  | 6    | 13     | 24     | 0.3       | 2.6     | 1.75  | 95        | 20.1221 | 30.9557 |
| 2009 | 6     | 21  | 6    | 23     | 24     | 0.3       | 2.6     | 1.8   | 94.1      | 20.1221 | 31.7801 |
| 2009 | 6     | 21  | 6    | 33     | 24     | 0.3       | 2.6     | 1.77  | 93.1      | 20.1221 | 31.309  |
| 2009 | 6     | 21  | 6    | 43     | 24     | 0.3       | 2.6     | 1.74  | 95.2      | 20.148  | 30.8196 |
| 2009 | 6     | 21  | 6    | 53     | 24     | 0.3       | 2.6     | 1.75  | 95        | 20.148  | 30.8786 |
| 2009 | 6     | 21  | 7    | 3      | 24     | 0.3       | 2.6     | 1.78  | 95.3      | 20.148  | 31.5271 |
| 2009 | 6     | 21  | 7    | 13     | 24     | 0.3       | 2.6     | 1.78  | 94.1      | 20.1739 | 31.6277 |
| 2009 | 6     | 21  | 7    | 23     | 24     | 0.3       | 2.6     | 1.78  | 95.6      | 20.1998 | 31.551  |
| 2009 | 6     | 21  | 7    | 33     | 24     | 0.3       | 2.6     | 1.79  | 95.2      | 20.1998 | 31.6693 |
| 2009 | 6     | 21  | 7    | 43     | 24     | 0.3       | 2.6     | 1.8   | 93.6      | 20.2258 | 32.0661 |
| 2009 | 6     | 21  | 7    | 53     | 24     | 0.3       | 2.6     | 1.76  | 94.4      | 20.2258 | 31.2373 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 21  | 8    | 3      | 24     | 0.3       | 2.6     | 1.75  | 93.7      | 20.2258 | 31.0598 |
| 2009 | 6     | 21  | 8    | 13     | 24     | 0.3       | 2.6     | 1.8   | 94.1      | 20.2517 | 32.1082 |
| 2009 | 6     | 21  | 8    | 23     | 24     | 0.3       | 2.6     | 1.8   | 93.9      | 20.2776 | 32.0315 |
| 2009 | 6     | 21  | 8    | 33     | 24     | 0.3       | 2.6     | 1.75  | 95.8      | 20.2776 | 31.2006 |
| 2009 | 6     | 21  | 8    | 43     | 24     | 0.3       | 2.6     | 1.81  | 93.3      | 20.2776 | 32.3284 |
| 2009 | 6     | 21  | 8    | 53     | 24     | 0.3       | 2.6     | 1.77  | 94.9      | 20.3036 | 31.6574 |
| 2009 | 6     | 21  | 9    | 3      | 24     | 0.3       | 2.6     | 1.79  | 95.7      | 20.2776 | 31.9128 |
| 2009 | 6     | 21  | 9    | 13     | 24     | 0.3       | 2.6     | 1.73  | 93.7      | 20.3036 | 30.9444 |
| 2009 | 6     | 21  | 9    | 23     | 24     | 0.3       | 2.6     | 1.77  | 96.6      | 20.3036 | 31.4197 |
| 2009 | 6     | 21  | 9    | 33     | 24     | 0.3       | 2.6     | 1.77  | 95.9      | 20.3036 | 31.598  |
| 2009 | 6     | 21  | 9    | 43     | 24     | 0.3       | 2.6     | 1.77  | 94.3      | 20.3036 | 31.5386 |
| 2009 | 6     | 21  | 9    | 53     | 24     | 0.3       | 2.6     | 1.78  | 95.6      | 20.3036 | 31.7169 |
| 2009 | 6     | 21  | 10   | 3      | 24     | 0.3       | 2.6     | 1.76  | 95.4      | 20.3295 | 31.4608 |
| 2009 | 6     | 21  | 10   | 13     | 24     | 0.3       | 2.6     | 1.8   | 93.7      | 20.3295 | 32.2345 |
| 2009 | 6     | 21  | 10   | 23     | 24     | 0.3       | 2.6     | 1.79  | 92.7      | 20.3295 | 31.9964 |
| 2009 | 6     | 21  | 10   | 33     | 24     | 0.3       | 2.6     | 1.8   | 95.4      | 20.3295 | 32.1154 |
| 2009 | 6     | 21  | 10   | 43     | 24     | 0.3       | 3       | 1.77  | 95        | 20.3555 | 31.5615 |
| 2009 | 6     | 21  | 10   | 53     | 24     | 0.3       | 3       | 1.75  | 94.9      | 20.3555 | 31.3232 |
| 2009 | 6     | 21  | 11   | 3      | 24     | 0.3       | 3       | 1.74  | 94.2      | 20.3555 | 31.1445 |
| 2009 | 6     | 21  | 11   | 13     | 24     | 0.3       | 3       | 1.78  | 94.6      | 20.3555 | 31.8594 |
| 2009 | 6     | 21  | 11   | 23     | 24     | 0.3       | 3       | 1.76  | 93.2      | 20.3555 | 31.6211 |
| 2009 | 6     | 21  | 11   | 33     | 24     | 0.3       | 3       | 1.8   | 96.1      | 20.3555 | 32.0978 |
| 2009 | 6     | 21  | 11   | 43     | 24     | 0.3       | 3       | 1.79  | 95.9      | 20.3555 | 31.9786 |
| 2009 | 6     | 21  | 11   | 53     | 24     | 0.3       | 3       | 1.77  | 95.5      | 20.3555 | 31.5615 |
| 2009 | 6     | 21  | 12   | 3      | 24     | 0.3       | 3       | 1.79  | 95.9      | 20.3555 | 31.9786 |
| 2009 | 6     | 21  | 12   | 13     | 24     | 0.3       | 3       | 1.79  | 95.6      | 20.3814 | 31.9607 |
| 2009 | 6     | 21  | 12   | 23     | 24     | 0.3       | 3       | 1.78  | 95.4      | 20.3555 | 31.7998 |
| 2009 | 6     | 21  | 12   | 33     | 24     | 0.3       | 3       | 1.75  | 93.8      | 20.3814 | 31.3641 |
| 2009 | 6     | 21  | 12   | 43     | 24     | 0.3       | 3       | 1.81  | 95.4      | 20.3814 | 32.438  |
| 2009 | 6     | 21  | 12   | 53     | 24     | 0.3       | 3       | 1.77  | 92.4      | 20.3814 | 31.8413 |
| 2009 | 6     | 21  | 13   | 3      | 24     | 0.3       | 3       | 1.77  | 93.5      | 20.3814 | 31.722  |
| 2009 | 6     | 21  | 13   | 13     | 24     | 0.3       | 3       | 1.72  | 96.7      | 20.3814 | 30.6483 |
| 2009 | 6     | 21  | 13   | 23     | 24     | 0.3       | 3       | 1.78  | 95.2      | 20.3814 | 31.901  |
| 2009 | 6     | 21  | 13   | 33     | 24     | 0.3       | 3       | 1.8   | 94.8      | 20.3814 | 32.1993 |
| 2009 | 6     | 21  | 13   | 43     | 24     | 0.3       | 3       | 1.8   | 93        | 20.3814 | 32.259  |
| 2009 | 6     | 21  | 13   | 53     | 24     | 0.3       | 3       | 1.82  | 93.9      | 20.3814 | 32.5574 |
| 2009 | 6     | 21  | 14   | 3      | 24     | 0.3       | 3       | 1.77  | 93.3      | 20.4074 | 31.8231 |
| 2009 | 6     | 21  | 14   | 13     | 24     | 0.3       | 3       | 1.76  | 94.8      | 20.4074 | 31.5244 |
| 2009 | 6     | 21  | 14   | 23     | 24     | 0.3       | 3       | 1.76  | 93        | 20.4074 | 31.6439 |
| 2009 | 6     | 21  | 14   | 33     | 24     | 0.3       | 3       | 1.77  | 93.5      | 20.4074 | 31.7634 |
| 2009 | 6     | 21  | 14   | 43     | 24     | 0.3       | 3       | 1.78  | 95.3      | 20.4074 | 31.9426 |
| 2009 | 6     | 21  | 14   | 53     | 24     | 0.3       | 3       | 1.76  | 95.4      | 20.4074 | 31.4647 |
| 2009 | 6     | 21  | 15   | 3      | 24     | 0.3       | 3       | 1.78  | 93.3      | 20.4074 | 31.9426 |
| 2009 | 6     | 21  | 15   | 13     | 24     | 0.3       | 3       | 1.79  | 91.3      | 20.4074 | 32.2413 |
| 2009 | 6     | 21  | 15   | 23     | 24     | 0.3       | 3       | 1.75  | 92.7      | 20.4074 | 31.405  |
| 2009 | 6     | 21  | 15   | 33     | 24     | 0.3       | 3       | 1.8   | 94.9      | 20.4333 | 32.2833 |
| 2009 | 6     | 21  | 15   | 43     | 24     | 0.3       | 3       | 1.76  | 94.5      | 20.4074 | 31.5841 |
| 2009 | 6     | 21  | 15   | 53     | 24     | 0.3       | 3       | 1.78  | 92.7      | 20.4333 | 32.1038 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 21  | 16   | 3      | 24     | 0.3       | 3       | 1.76  | 94.9      | 20.4333 | 31.6253 |
| 2009 | 6     | 21  | 16   | 13     | 24     | 0.3       | 3       | 1.78  | 94.2      | 20.4333 | 32.044  |
| 2009 | 6     | 21  | 16   | 23     | 24     | 0.3       | 3       | 1.75  | 94.3      | 20.4333 | 31.386  |
| 2009 | 6     | 21  | 16   | 33     | 24     | 0.3       | 3       | 1.8   | 94        | 20.4333 | 32.2833 |
| 2009 | 6     | 21  | 16   | 43     | 24     | 0.3       | 3       | 1.8   | 94.6      | 20.4333 | 32.2833 |
| 2009 | 6     | 21  | 16   | 53     | 24     | 0.3       | 3       | 1.75  | 92.9      | 20.4333 | 31.5056 |
| 2009 | 6     | 21  | 17   | 3      | 24     | 0.3       | 3       | 1.78  | 93.7      | 20.4333 | 32.044  |
| 2009 | 6     | 21  | 17   | 13     | 24     | 0.3       | 3       | 1.76  | 93.6      | 20.4333 | 31.6253 |
| 2009 | 6     | 21  | 17   | 23     | 24     | 0.3       | 3       | 1.77  | 93.6      | 20.4333 | 31.8047 |
| 2009 | 6     | 21  | 17   | 33     | 24     | 0.3       | 3       | 1.79  | 92.1      | 20.4593 | 32.2054 |
| 2009 | 6     | 21  | 17   | 43     | 24     | 0.3       | 3       | 1.76  | 93.2      | 20.4593 | 31.7862 |
| 2009 | 6     | 21  | 17   | 53     | 24     | 0.3       | 3       | 1.76  | 93        | 20.4593 | 31.6664 |
| 2009 | 6     | 21  | 18   | 3      | 24     | 0.3       | 3       | 1.74  | 94.2      | 20.4593 | 31.367  |
| 2009 | 6     | 21  | 18   | 13     | 24     | 0.3       | 3       | 1.78  | 94.3      | 20.4593 | 32.0856 |
| 2009 | 6     | 21  | 18   | 23     | 24     | 0.3       | 3       | 1.77  | 94.5      | 20.4593 | 31.8461 |
| 2009 | 6     | 21  | 18   | 33     | 24     | 0.3       | 3       | 1.75  | 92        | 20.4593 | 31.6065 |
| 2009 | 6     | 21  | 18   | 43     | 24     | 0.3       | 3       | 1.78  | 94        | 20.4593 | 32.0856 |
| 2009 | 6     | 21  | 18   | 53     | 24     | 0.3       | 3       | 1.77  | 93.5      | 20.4593 | 31.7862 |
| 2009 | 6     | 21  | 19   | 3      | 24     | 0.3       | 3       | 1.8   | 92.8      | 20.4593 | 32.3852 |
| 2009 | 6     | 21  | 19   | 13     | 24     | 0.3       | 3       | 1.75  | 94.9      | 20.4853 | 31.4077 |
| 2009 | 6     | 21  | 19   | 23     | 24     | 0.3       | 3       | 1.76  | 93.6      | 20.4853 | 31.7075 |
| 2009 | 6     | 21  | 19   | 33     | 24     | 0.3       | 3       | 1.79  | 94.9      | 20.4853 | 32.3073 |
| 2009 | 6     | 21  | 19   | 43     | 24     | 0.3       | 3       | 1.77  | 96        | 20.4853 | 31.8275 |
| 2009 | 6     | 21  | 19   | 53     | 24     | 0.3       | 3       | 1.76  | 96        | 20.4853 | 31.6476 |
| 2009 | 6     | 21  | 20   | 3      | 24     | 0.3       | 3       | 1.79  | 92.8      | 20.4853 | 32.2473 |
| 2009 | 6     | 21  | 20   | 13     | 24     | 0.3       | 3       | 1.78  | 95        | 20.4853 | 32.1273 |
| 2009 | 6     | 21  | 20   | 23     | 24     | 0.3       | 3       | 1.73  | 94.9      | 20.4853 | 31.1679 |
| 2009 | 6     | 21  | 20   | 33     | 24     | 0.3       | 3       | 1.78  | 94.6      | 20.4853 | 32.1273 |
| 2009 | 6     | 21  | 20   | 43     | 24     | 0.3       | 3       | 1.75  | 94.1      | 20.4853 | 31.5876 |
| 2009 | 6     | 21  | 20   | 53     | 24     | 0.3       | 3       | 1.78  | 94.6      | 20.4853 | 32.0074 |
| 2009 | 6     | 21  | 21   | 3      | 24     | 0.3       | 3       | 1.81  | 95.5      | 20.4853 | 32.4872 |
| 2009 | 6     | 21  | 21   | 13     | 24     | 0.3       | 3       | 1.79  | 95.6      | 20.5112 | 32.2891 |
| 2009 | 6     | 21  | 21   | 23     | 24     | 0.3       | 3       | 1.78  | 94.7      | 20.5112 | 32.169  |
| 2009 | 6     | 21  | 21   | 33     | 24     | 0.3       | 3       | 1.76  | 93.5      | 20.5112 | 31.8087 |
| 2009 | 6     | 21  | 21   | 43     | 24     | 0.3       | 3       | 1.79  | 94.2      | 20.5112 | 32.3492 |
| 2009 | 6     | 21  | 21   | 53     | 24     | 0.3       | 3       | 1.77  | 94        | 20.5112 | 31.9288 |
| 2009 | 6     | 21  | 22   | 3      | 24     | 0.3       | 3       | 1.78  | 94.2      | 20.5112 | 32.1089 |
| 2009 | 6     | 21  | 22   | 13     | 24     | 0.3       | 3       | 1.82  | 93.9      | 20.5112 | 32.8297 |
| 2009 | 6     | 21  | 22   | 23     | 24     | 0.3       | 3       | 1.78  | 95.4      | 20.5112 | 32.0489 |
| 2009 | 6     | 21  | 22   | 33     | 24     | 0.3       | 3       | 1.77  | 93.9      | 20.5112 | 31.9288 |
| 2009 | 6     | 21  | 22   | 43     | 24     | 0.3       | 3       | 1.81  | 92.4      | 20.5112 | 32.7696 |
| 2009 | 6     | 21  | 22   | 53     | 24     | 0.3       | 3       | 1.75  | 94.4      | 20.5112 | 31.6286 |
| 2009 | 6     | 21  | 23   | 3      | 24     | 0.3       | 3       | 1.8   | 93        | 20.5112 | 32.4693 |
| 2009 | 6     | 21  | 23   | 13     | 24     | 0.3       | 3       | 1.75  | 96.3      | 20.5112 | 31.3884 |
| 2009 | 6     | 21  | 23   | 23     | 24     | 0.3       | 3       | 1.77  | 95.6      | 20.5112 | 31.9288 |
| 2009 | 6     | 21  | 23   | 33     | 24     | 0.3       | 3       | 1.75  | 93.3      | 20.4853 | 31.5276 |
| 2009 | 6     | 21  | 23   | 43     | 24     | 0.3       | 3       | 1.77  | 95        | 20.5112 | 31.9288 |
| 2009 | 6     | 21  | 23   | 53     | 24     | 0.3       | 3       | 1.79  | 94.4      | 20.5112 | 32.3492 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 22  | 0    | 3      | 24     | 0.3       | 3       | 1.76  | 95.3      | 20.5112 | 31.6886 |
| 2009 | 6     | 22  | 0    | 13     | 24     | 0.3       | 3       | 1.78  | 93.2      | 20.5112 | 32.169  |
| 2009 | 6     | 22  | 0    | 23     | 24     | 0.3       | 3       | 1.78  | 93.3      | 20.5112 | 32.2291 |
| 2009 | 6     | 22  | 0    | 33     | 24     | 0.3       | 3       | 1.76  | 92.6      | 20.4853 | 31.7075 |
| 2009 | 6     | 22  | 0    | 43     | 24     | 0.3       | 3       | 1.76  | 96.7      | 20.4853 | 31.6476 |
| 2009 | 6     | 22  | 0    | 53     | 24     | 0.3       | 3       | 1.76  | 95.3      | 20.4853 | 31.5876 |
| 2009 | 6     | 22  | 1    | 3      | 24     | 0.3       | 3       | 1.76  | 94.3      | 20.4853 | 31.7075 |
| 2009 | 6     | 22  | 1    | 13     | 24     | 0.3       | 3       | 1.78  | 94.2      | 20.4853 | 32.1273 |
| 2009 | 6     | 22  | 1    | 23     | 24     | 0.3       | 3       | 1.79  | 94        | 20.4853 | 32.3073 |
| 2009 | 6     | 22  | 1    | 33     | 24     | 0.3       | 3       | 1.78  | 94.6      | 20.4853 | 32.0074 |
| 2009 | 6     | 22  | 1    | 43     | 24     | 0.3       | 3       | 1.74  | 93.4      | 20.4853 | 31.3477 |
| 2009 | 6     | 22  | 1    | 53     | 24     | 0.3       | 3       | 1.77  | 94.5      | 20.4853 | 31.8874 |
| 2009 | 6     | 22  | 2    | 3      | 24     | 0.3       | 3       | 1.81  | 94.4      | 20.4853 | 32.5472 |
| 2009 | 6     | 22  | 2    | 13     | 24     | 0.3       | 3       | 1.77  | 94.2      | 20.4853 | 31.9474 |
| 2009 | 6     | 22  | 2    | 23     | 24     | 0.3       | 3       | 1.76  | 94.7      | 20.4853 | 31.6476 |
| 2009 | 6     | 22  | 2    | 33     | 24     | 0.3       | 3       | 1.77  | 95        | 20.4853 | 31.8874 |
| 2009 | 6     | 22  | 2    | 43     | 24     | 0.3       | 3       | 1.78  | 95.3      | 20.4853 | 32.0673 |
| 2009 | 6     | 22  | 2    | 53     | 24     | 0.3       | 3       | 1.76  | 95.5      | 20.4853 | 31.5876 |
| 2009 | 6     | 22  | 3    | 3      | 24     | 0.3       | 3       | 1.74  | 95.8      | 20.4593 | 31.3071 |
| 2009 | 6     | 22  | 3    | 13     | 24     | 0.3       | 3       | 1.76  | 95        | 20.4853 | 31.7075 |
| 2009 | 6     | 22  | 3    | 23     | 24     | 0.3       | 3       | 1.77  | 95.6      | 20.4853 | 31.7675 |
| 2009 | 6     | 22  | 3    | 33     | 24     | 0.3       | 3       | 1.78  | 93.9      | 20.4593 | 32.0856 |
| 2009 | 6     | 22  | 3    | 43     | 24     | 0.3       | 3       | 1.76  | 94.4      | 20.4593 | 31.6664 |
| 2009 | 6     | 22  | 3    | 53     | 24     | 0.3       | 3       | 1.76  | 95.2      | 20.4593 | 31.6065 |
| 2009 | 6     | 22  | 4    | 3      | 24     | 0.3       | 3       | 1.82  | 94.4      | 20.4593 | 32.8045 |
| 2009 | 6     | 22  | 4    | 13     | 24     | 0.3       | 3       | 1.78  | 95        | 20.4593 | 32.0257 |
| 2009 | 6     | 22  | 4    | 23     | 24     | 0.3       | 3       | 1.77  | 95.8      | 20.4593 | 31.7263 |
| 2009 | 6     | 22  | 4    | 33     | 24     | 0.3       | 3       | 1.78  | 95        | 20.4593 | 31.9659 |
| 2009 | 6     | 22  | 4    | 43     | 24     | 0.3       | 3       | 1.76  | 94.7      | 20.4593 | 31.7263 |
| 2009 | 6     | 22  | 4    | 53     | 24     | 0.3       | 3       | 1.75  | 94.5      | 20.4593 | 31.5466 |
| 2009 | 6     | 22  | 5    | 3      | 24     | 0.3       | 3       | 1.75  | 93.4      | 20.4593 | 31.4867 |
| 2009 | 6     | 22  | 5    | 13     | 24     | 0.3       | 3       | 1.8   | 95.7      | 20.4593 | 32.2653 |
| 2009 | 6     | 22  | 5    | 23     | 24     | 0.3       | 3       | 1.77  | 93.8      | 20.4593 | 31.906  |
| 2009 | 6     | 22  | 5    | 33     | 24     | 0.3       | 3       | 1.77  | 95.5      | 20.4593 | 31.7263 |
| 2009 | 6     | 22  | 5    | 43     | 24     | 0.3       | 3       | 1.79  | 95        | 20.4593 | 32.2653 |
| 2009 | 6     | 22  | 5    | 53     | 24     | 0.3       | 3       | 1.79  | 94.2      | 20.4593 | 32.1455 |
| 2009 | 6     | 22  | 6    | 3      | 24     | 0.3       | 3       | 1.77  | 95        | 20.4593 | 31.8461 |
| 2009 | 6     | 22  | 6    | 13     | 24     | 0.3       | 3       | 1.78  | 93.9      | 20.4593 | 31.9659 |
| 2009 | 6     | 22  | 6    | 23     | 24     | 0.3       | 3       | 1.78  | 94.3      | 20.4593 | 32.0856 |
| 2009 | 6     | 22  | 6    | 33     | 24     | 0.3       | 3       | 1.77  | 94        | 20.4593 | 31.8461 |
| 2009 | 6     | 22  | 6    | 43     | 24     | 0.3       | 3       | 1.76  | 94.1      | 20.4593 | 31.7263 |
| 2009 | 6     | 22  | 6    | 53     | 24     | 0.3       | 3       | 1.74  | 94.1      | 20.4593 | 31.367  |
| 2009 | 6     | 22  | 7    | 3      | 24     | 0.3       | 3       | 1.79  | 95.6      | 20.4593 | 32.0856 |
| 2009 | 6     | 22  | 7    | 13     | 24     | 0.3       | 3       | 1.8   | 94.4      | 20.4593 | 32.3852 |
| 2009 | 6     | 22  | 7    | 23     | 24     | 0.3       | 3       | 1.79  | 95.4      | 20.4593 | 32.2054 |
| 2009 | 6     | 22  | 7    | 33     | 24     | 0.3       | 3       | 1.77  | 93.5      | 20.4853 | 31.8275 |
| 2009 | 6     | 22  | 7    | 43     | 24     | 0.3       | 3       | 1.75  | 93.6      | 20.4853 | 31.4677 |
| 2009 | 6     | 22  | 7    | 53     | 24     | 0.3       | 3       | 1.79  | 93.7      | 20.4593 | 32.2653 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 22  | 8    | 3      | 24     | 0.3       | 3       | 1.75  | 94.8      | 20.4593 | 31.4867 |
| 2009 | 6     | 22  | 8    | 13     | 24     | 0.3       | 3       | 1.73  | 95.4      | 20.4593 | 31.0676 |
| 2009 | 6     | 22  | 8    | 23     | 24     | 0.3       | 3       | 1.76  | 96.2      | 20.4593 | 31.4867 |
| 2009 | 6     | 22  | 8    | 33     | 24     | 0.3       | 3       | 1.75  | 93.9      | 20.4853 | 31.5876 |
| 2009 | 6     | 22  | 8    | 43     | 24     | 0.3       | 3       | 1.77  | 93.8      | 20.4593 | 31.8461 |
| 2009 | 6     | 22  | 8    | 53     | 24     | 0.3       | 3       | 1.73  | 94.8      | 20.4593 | 31.0676 |
| 2009 | 6     | 22  | 9    | 3      | 24     | 0.3       | 3       | 1.79  | 96.2      | 20.4593 | 32.1455 |
| 2009 | 6     | 22  | 9    | 13     | 24     | 0.3       | 3       | 1.77  | 94.4      | 20.4593 | 31.7862 |
| 2009 | 6     | 22  | 9    | 23     | 24     | 0.3       | 3       | 1.74  | 94.2      | 20.4593 | 31.367  |
| 2009 | 6     | 22  | 9    | 33     | 24     | 0.3       | 3       | 1.78  | 94.6      | 20.4333 | 31.9842 |
| 2009 | 6     | 22  | 9    | 43     | 24     | 0.3       | 3       | 1.77  | 95.8      | 20.4593 | 31.7263 |
| 2009 | 6     | 22  | 9    | 53     | 24     | 0.3       | 3       | 1.77  | 93.5      | 20.4593 | 31.8461 |
| 2009 | 6     | 22  | 10   | 3      | 24     | 0.3       | 3       | 1.75  | 95.7      | 20.4593 | 31.367  |
| 2009 | 6     | 22  | 10   | 13     | 24     | 0.3       | 3       | 1.78  | 95        | 20.4333 | 31.9842 |
| 2009 | 6     | 22  | 10   | 23     | 24     | 0.3       | 3       | 1.77  | 95.6      | 20.4593 | 31.8461 |
| 2009 | 6     | 22  | 10   | 33     | 24     | 0.3       | 3       | 1.81  | 96.2      | 20.4593 | 32.505  |
| 2009 | 6     | 22  | 10   | 43     | 24     | 0.3       | 3       | 1.79  | 94.2      | 20.4333 | 32.2234 |
| 2009 | 6     | 22  | 10   | 53     | 24     | 0.3       | 3       | 1.8   | 95.1      | 20.4593 | 32.3852 |
| 2009 | 6     | 22  | 11   | 3      | 24     | 0.3       | 3       | 1.8   | 94.1      | 20.4333 | 32.3431 |
| 2009 | 6     | 22  | 11   | 13     | 24     | 0.3       | 3       | 1.79  | 94.4      | 20.4333 | 32.1636 |
| 2009 | 6     | 22  | 11   | 23     | 24     | 0.3       | 3       | 1.74  | 94.3      | 20.4333 | 31.2664 |
| 2009 | 6     | 22  | 11   | 33     | 24     | 0.3       | 3       | 1.8   | 93        | 20.4333 | 32.4627 |
| 2009 | 6     | 22  | 11   | 43     | 24     | 0.3       | 3       | 1.79  | 94.3      | 20.4333 | 32.1038 |
| 2009 | 6     | 22  | 11   | 53     | 24     | 0.3       | 3       | 1.79  | 93.9      | 20.4333 | 32.1636 |
| 2009 | 6     | 22  | 12   | 3      | 24     | 0.3       | 3       | 1.75  | 92.2      | 20.4333 | 31.4458 |
| 2009 | 6     | 22  | 12   | 13     | 24     | 0.3       | 3       | 1.81  | 93.6      | 20.4333 | 32.6422 |
| 2009 | 6     | 22  | 12   | 23     | 24     | 0.3       | 3       | 1.77  | 95.4      | 20.4333 | 31.7449 |
| 2009 | 6     | 22  | 12   | 33     | 24     | 0.3       | 3       | 1.74  | 94.6      | 20.4333 | 31.3262 |
| 2009 | 6     | 22  | 12   | 43     | 24     | 0.3       | 3       | 1.78  | 94.2      | 20.4333 | 32.044  |
| 2009 | 6     | 22  | 12   | 53     | 24     | 0.3       | 3       | 1.76  | 92.5      | 20.4333 | 31.7449 |
| 2009 | 6     | 22  | 13   | 3      | 24     | 0.3       | 3       | 1.77  | 93.4      | 20.4333 | 31.9243 |
| 2009 | 6     | 22  | 13   | 13     | 24     | 0.3       | 3       | 1.76  | 93.3      | 20.4333 | 31.6253 |
| 2009 | 6     | 22  | 13   | 23     | 24     | 0.3       | 3       | 1.77  | 93        | 20.4074 | 31.8828 |
| 2009 | 6     | 22  | 13   | 33     | 24     | 0.3       | 3       | 1.77  | 93.7      | 20.4333 | 31.8645 |
| 2009 | 6     | 22  | 13   | 43     | 24     | 0.3       | 3       | 1.73  | 93.3      | 20.4333 | 31.1468 |
| 2009 | 6     | 22  | 13   | 53     | 24     | 0.3       | 3       | 1.76  | 94.6      | 20.4333 | 31.6851 |
| 2009 | 6     | 22  | 14   | 3      | 24     | 0.3       | 3       | 1.78  | 95.5      | 20.4333 | 31.8645 |
| 2009 | 6     | 22  | 14   | 13     | 24     | 0.3       | 3       | 1.78  | 93.8      | 20.4074 | 32.0023 |
| 2009 | 6     | 22  | 14   | 23     | 24     | 0.3       | 3       | 1.76  | 93.2      | 20.4333 | 31.7449 |
| 2009 | 6     | 22  | 14   | 33     | 24     | 0.3       | 3       | 1.81  | 94.5      | 20.4333 | 32.5226 |
| 2009 | 6     | 22  | 14   | 43     | 24     | 0.3       | 3       | 1.78  | 95.6      | 20.4333 | 31.9243 |
| 2009 | 6     | 22  | 14   | 53     | 24     | 0.3       | 3       | 1.8   | 92.5      | 20.4333 | 32.4029 |
| 2009 | 6     | 22  | 15   | 3      | 24     | 0.3       | 3       | 1.8   | 94.8      | 20.4333 | 32.3431 |
| 2009 | 6     | 22  | 15   | 13     | 24     | 0.3       | 3       | 1.74  | 94.3      | 20.4333 | 31.3262 |
| 2009 | 6     | 22  | 15   | 23     | 24     | 0.3       | 3       | 1.76  | 96.3      | 20.4333 | 31.4458 |
| 2009 | 6     | 22  | 15   | 33     | 24     | 0.3       | 3       | 1.78  | 95        | 20.4333 | 31.9842 |
| 2009 | 6     | 22  | 15   | 43     | 24     | 0.3       | 3       | 1.77  | 95.1      | 20.4333 | 31.7449 |
| 2009 | 6     | 22  | 15   | 53     | 24     | 0.3       | 3       | 1.79  | 93.1      | 20.4333 | 32.2833 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 22  | 16   | 3      | 24     | 0.3       | 3       | 1.8   | 95.1      | 20.4333 | 32.3431 |
| 2009 | 6     | 22  | 16   | 13     | 24     | 0.3       | 3       | 1.76  | 94.3      | 20.4333 | 31.6253 |
| 2009 | 6     | 22  | 16   | 23     | 24     | 0.3       | 3       | 1.77  | 95.9      | 20.4333 | 31.8047 |
| 2009 | 6     | 22  | 16   | 33     | 24     | 0.3       | 3       | 1.83  | 95.3      | 20.4333 | 32.7619 |
| 2009 | 6     | 22  | 16   | 43     | 24     | 0.3       | 3       | 1.78  | 96.7      | 20.4333 | 31.8645 |
| 2009 | 6     | 22  | 16   | 53     | 24     | 0.3       | 3       | 1.78  | 93.2      | 20.4333 | 31.9842 |
| 2009 | 6     | 22  | 17   | 3      | 24     | 0.3       | 3       | 1.79  | 94.3      | 20.4333 | 32.1636 |
| 2009 | 6     | 22  | 17   | 13     | 24     | 0.3       | 3       | 1.75  | 95.4      | 20.4333 | 31.4458 |
| 2009 | 6     | 22  | 17   | 23     | 24     | 0.3       | 3       | 1.8   | 93.8      | 20.4333 | 32.4029 |
| 2009 | 6     | 22  | 17   | 33     | 24     | 0.3       | 3       | 1.77  | 94.8      | 20.4333 | 31.8645 |
| 2009 | 6     | 22  | 17   | 43     | 24     | 0.3       | 3       | 1.77  | 94.6      | 20.4333 | 31.7449 |
| 2009 | 6     | 22  | 17   | 53     | 24     | 0.3       | 3       | 1.78  | 93.4      | 20.4333 | 32.1038 |
| 2009 | 6     | 22  | 18   | 3      | 24     | 0.3       | 3       | 1.77  | 94.5      | 20.4333 | 31.8645 |
| 2009 | 6     | 22  | 18   | 13     | 24     | 0.3       | 3       | 1.76  | 93.2      | 20.4593 | 31.7263 |
| 2009 | 6     | 22  | 18   | 23     | 24     | 0.3       | 3       | 1.76  | 92.7      | 20.4593 | 31.7263 |
| 2009 | 6     | 22  | 18   | 33     | 24     | 0.3       | 3       | 1.78  | 96.7      | 20.4593 | 31.9659 |
| 2009 | 6     | 22  | 18   | 43     | 24     | 0.3       | 3       | 1.73  | 92.9      | 20.4593 | 31.1274 |
| 2009 | 6     | 22  | 18   | 53     | 24     | 0.3       | 3       | 1.8   | 95.1      | 20.4593 | 32.3252 |
| 2009 | 6     | 22  | 19   | 3      | 24     | 0.3       | 3       | 1.79  | 95.3      | 20.4593 | 32.1455 |
| 2009 | 6     | 22  | 19   | 13     | 24     | 0.3       | 3       | 1.8   | 94.1      | 20.4593 | 32.3852 |
| 2009 | 6     | 22  | 19   | 23     | 24     | 0.3       | 3       | 1.78  | 94.7      | 20.4593 | 32.0856 |
| 2009 | 6     | 22  | 19   | 33     | 24     | 0.3       | 3       | 1.76  | 94.7      | 20.4593 | 31.6664 |
| 2009 | 6     | 22  | 19   | 43     | 24     | 0.3       | 3       | 1.85  | 94.4      | 20.4593 | 33.2839 |
| 2009 | 6     | 22  | 19   | 53     | 24     | 0.3       | 3       | 1.74  | 94        | 20.4593 | 31.2472 |
| 2009 | 6     | 22  | 20   | 3      | 24     | 0.3       | 3       | 1.79  | 94.2      | 20.4593 | 32.2653 |
| 2009 | 6     | 22  | 20   | 13     | 24     | 0.3       | 3       | 1.81  | 94.2      | 20.4593 | 32.5649 |
| 2009 | 6     | 22  | 20   | 23     | 24     | 0.3       | 3       | 1.77  | 92.2      | 20.4593 | 31.9659 |
| 2009 | 6     | 22  | 20   | 33     | 24     | 0.3       | 3       | 1.75  | 92.9      | 20.4853 | 31.6476 |
| 2009 | 6     | 22  | 20   | 43     | 24     | 0.3       | 3       | 1.77  | 93.5      | 20.4853 | 31.8874 |
| 2009 | 6     | 22  | 20   | 53     | 24     | 0.3       | 3       | 1.82  | 95.4      | 20.4853 | 32.6672 |
| 2009 | 6     | 22  | 21   | 3      | 24     | 0.3       | 3       | 1.79  | 94.1      | 20.4853 | 32.2473 |
| 2009 | 6     | 22  | 21   | 13     | 24     | 0.3       | 3       | 1.74  | 94.1      | 20.4853 | 31.2878 |
| 2009 | 6     | 22  | 21   | 23     | 24     | 0.3       | 3       | 1.77  | 95.1      | 20.4853 | 31.7675 |
| 2009 | 6     | 22  | 21   | 33     | 24     | 0.3       | 3       | 1.74  | 92.7      | 20.4853 | 31.4077 |
| 2009 | 6     | 22  | 21   | 43     | 24     | 0.3       | 3       | 1.76  | 94.3      | 20.5112 | 31.7487 |
| 2009 | 6     | 22  | 21   | 53     | 24     | 0.3       | 3       | 1.75  | 94.2      | 20.4853 | 31.5876 |
| 2009 | 6     | 22  | 22   | 3      | 24     | 0.3       | 3       | 1.77  | 93.2      | 20.5112 | 32.0489 |
| 2009 | 6     | 22  | 22   | 13     | 24     | 0.3       | 3       | 1.8   | 91.8      | 20.5112 | 32.4693 |
| 2009 | 6     | 22  | 22   | 23     | 24     | 0.3       | 3       | 1.82  | 95.4      | 20.5112 | 32.7095 |
| 2009 | 6     | 22  | 22   | 33     | 24     | 0.3       | 3       | 1.79  | 95.4      | 20.5112 | 32.169  |
| 2009 | 6     | 22  | 22   | 43     | 24     | 0.3       | 3       | 1.81  | 94.8      | 20.5112 | 32.5894 |
| 2009 | 6     | 22  | 22   | 53     | 24     | 0.3       | 3       | 1.79  | 94.7      | 20.5112 | 32.2891 |
| 2009 | 6     | 22  | 23   | 3      | 24     | 0.3       | 3       | 1.78  | 94        | 20.5112 | 32.0489 |
| 2009 | 6     | 22  | 23   | 13     | 24     | 0.3       | 3       | 1.81  | 92.7      | 20.5112 | 32.6495 |
| 2009 | 6     | 22  | 23   | 23     | 24     | 0.3       | 3       | 1.77  | 94.3      | 20.5112 | 31.8688 |
| 2009 | 6     | 22  | 23   | 33     | 24     | 0.3       | 3       | 1.76  | 94.7      | 20.5372 | 31.7297 |
| 2009 | 6     | 22  | 23   | 43     | 24     | 0.3       | 3       | 1.8   | 93.7      | 20.5372 | 32.5715 |
| 2009 | 6     | 22  | 23   | 53     | 24     | 0.3       | 3       | 1.78  | 93.9      | 20.5372 | 32.0904 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 23  | 0    | 3      | 24     | 0.3       | 3       | 1.79  | 94.4      | 20.5372 | 32.331  |
| 2009 | 6     | 23  | 0    | 13     | 24     | 0.3       | 3       | 1.79  | 94.1      | 20.5372 | 32.331  |
| 2009 | 6     | 23  | 0    | 23     | 24     | 0.3       | 3       | 1.76  | 92.9      | 20.5372 | 31.9101 |
| 2009 | 6     | 23  | 0    | 33     | 24     | 0.3       | 3       | 1.78  | 93.6      | 20.5632 | 32.3126 |
| 2009 | 6     | 23  | 0    | 43     | 24     | 0.3       | 3       | 1.8   | 93        | 20.5632 | 32.5534 |
| 2009 | 6     | 23  | 0    | 53     | 24     | 0.3       | 3       | 1.8   | 95.1      | 20.5632 | 32.433  |
| 2009 | 6     | 23  | 1    | 3      | 24     | 0.3       | 3       | 1.78  | 94.6      | 20.5632 | 32.1922 |
| 2009 | 6     | 23  | 1    | 13     | 24     | 0.3       | 3       | 1.82  | 93.2      | 20.5892 | 32.9573 |
| 2009 | 6     | 23  | 1    | 23     | 24     | 0.3       | 3       | 1.74  | 95.4      | 20.5632 | 31.3494 |
| 2009 | 6     | 23  | 1    | 33     | 24     | 0.3       | 3       | 1.78  | 94        | 20.5892 | 32.2941 |
| 2009 | 6     | 23  | 1    | 43     | 24     | 0.3       | 3       | 1.75  | 94.3      | 20.5892 | 31.6913 |
| 2009 | 6     | 23  | 1    | 53     | 24     | 0.3       | 3       | 1.79  | 92.8      | 20.6151 | 32.4565 |
| 2009 | 6     | 23  | 2    | 3      | 24     | 0.3       | 3       | 1.81  | 94        | 20.6151 | 32.8791 |
| 2009 | 6     | 23  | 2    | 13     | 24     | 0.3       | 3       | 1.75  | 94.1      | 20.6151 | 31.6719 |
| 2009 | 6     | 23  | 2    | 23     | 24     | 0.3       | 3       | 1.79  | 94.1      | 20.6151 | 32.5169 |
| 2009 | 6     | 23  | 2    | 33     | 24     | 0.3       | 3       | 1.78  | 93.7      | 20.6151 | 32.2754 |
| 2009 | 6     | 23  | 2    | 43     | 24     | 0.3       | 3       | 1.73  | 91.6      | 20.6151 | 31.3701 |
| 2009 | 6     | 23  | 2    | 53     | 24     | 0.3       | 3       | 1.78  | 93.9      | 20.6411 | 32.3171 |
| 2009 | 6     | 23  | 3    | 3      | 24     | 0.3       | 3       | 1.79  | 93.4      | 20.6411 | 32.6193 |
| 2009 | 6     | 23  | 3    | 13     | 24     | 0.3       | 3       | 1.8   | 94.6      | 20.6411 | 32.6797 |
| 2009 | 6     | 23  | 3    | 23     | 24     | 0.3       | 3       | 1.83  | 95        | 20.6411 | 33.2238 |
| 2009 | 6     | 23  | 3    | 33     | 24     | 0.3       | 3       | 1.76  | 93.5      | 20.6411 | 31.894  |
| 2009 | 6     | 23  | 3    | 43     | 24     | 0.3       | 3       | 1.75  | 93.3      | 20.6411 | 31.894  |
| 2009 | 6     | 23  | 3    | 53     | 24     | 0.3       | 3       | 1.81  | 91.7      | 20.6411 | 32.8611 |
| 2009 | 6     | 23  | 4    | 3      | 24     | 0.3       | 3       | 1.73  | 93.7      | 20.6411 | 31.471  |
| 2009 | 6     | 23  | 4    | 13     | 24     | 0.3       | 3       | 1.81  | 92.9      | 20.6411 | 32.9216 |
| 2009 | 6     | 23  | 4    | 23     | 24     | 0.3       | 3       | 1.8   | 93.8      | 20.6411 | 32.6193 |
| 2009 | 6     | 23  | 4    | 33     | 24     | 0.3       | 3       | 1.82  | 93.8      | 20.6411 | 33.0425 |
| 2009 | 6     | 23  | 4    | 43     | 24     | 0.3       | 3       | 1.76  | 91.8      | 20.6411 | 32.0753 |
| 2009 | 6     | 23  | 4    | 53     | 24     | 0.3       | 3       | 1.76  | 94        | 20.6411 | 31.894  |
| 2009 | 6     | 23  | 5    | 3      | 24     | 0.3       | 3       | 1.8   | 95.7      | 20.6671 | 32.7219 |
| 2009 | 6     | 23  | 5    | 13     | 24     | 0.3       | 3       | 1.75  | 95.1      | 20.6671 | 31.7536 |
| 2009 | 6     | 23  | 5    | 23     | 24     | 0.3       | 3       | 1.79  | 93.8      | 20.6671 | 32.5403 |
| 2009 | 6     | 23  | 5    | 33     | 24     | 0.3       | 3       | 1.74  | 94        | 20.6671 | 31.5721 |
| 2009 | 6     | 23  | 5    | 43     | 24     | 0.3       | 3       | 1.78  | 92.9      | 20.6671 | 32.3587 |
| 2009 | 6     | 23  | 5    | 53     | 24     | 0.3       | 3       | 1.8   | 94.1      | 20.6671 | 32.6613 |
| 2009 | 6     | 23  | 6    | 3      | 24     | 0.3       | 3       | 1.78  | 93.9      | 20.6671 | 32.3587 |
| 2009 | 6     | 23  | 6    | 13     | 24     | 0.3       | 3       | 1.82  | 94        | 20.6671 | 33.1456 |
| 2009 | 6     | 23  | 6    | 23     | 24     | 0.3       | 3       | 1.83  | 92.3      | 20.6671 | 33.2666 |
| 2009 | 6     | 23  | 6    | 33     | 24     | 0.3       | 3       | 1.81  | 94.1      | 20.6671 | 32.8429 |
| 2009 | 6     | 23  | 6    | 43     | 24     | 0.3       | 3       | 1.8   | 94.4      | 20.6671 | 32.6613 |
| 2009 | 6     | 23  | 6    | 53     | 24     | 0.3       | 3       | 1.76  | 93.8      | 20.6671 | 32.0562 |
| 2009 | 6     | 23  | 7    | 3      | 24     | 0.3       | 3       | 1.76  | 93.1      | 20.6671 | 32.1167 |
| 2009 | 6     | 23  | 7    | 13     | 24     | 0.3       | 3       | 1.77  | 93.6      | 20.6671 | 32.2377 |
| 2009 | 6     | 23  | 7    | 23     | 24     | 0.3       | 3       | 1.8   | 93.6      | 20.6671 | 32.8429 |
| 2009 | 6     | 23  | 7    | 33     | 24     | 0.3       | 3       | 1.75  | 93.5      | 20.6671 | 31.8746 |
| 2009 | 6     | 23  | 7    | 43     | 24     | 0.3       | 3       | 1.8   | 94        | 20.6671 | 32.6613 |
| 2009 | 6     | 23  | 7    | 53     | 24     | 0.3       | 3       | 1.78  | 93.4      | 20.6671 | 32.4192 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 23  | 8    | 3      | 24     | 0.3       | 3       | 1.79  | 95.4      | 20.6931 | 32.461  |
| 2009 | 6     | 23  | 8    | 13     | 24     | 0.3       | 3       | 1.77  | 95.1      | 20.6671 | 32.0562 |
| 2009 | 6     | 23  | 8    | 23     | 24     | 0.3       | 3       | 1.75  | 94.3      | 20.6671 | 31.8141 |
| 2009 | 6     | 23  | 8    | 33     | 24     | 0.3       | 3       | 1.78  | 94.3      | 20.6671 | 32.3587 |
| 2009 | 6     | 23  | 8    | 43     | 24     | 0.3       | 3       | 1.77  | 94.4      | 20.6931 | 32.2186 |
| 2009 | 6     | 23  | 8    | 53     | 24     | 0.3       | 3       | 1.79  | 95.6      | 20.6931 | 32.5822 |
| 2009 | 6     | 23  | 9    | 3      | 24     | 0.3       | 3       | 1.77  | 93.5      | 20.6931 | 32.2186 |
| 2009 | 6     | 23  | 9    | 13     | 24     | 0.3       | 3       | 1.77  | 94.7      | 20.6931 | 32.2186 |
| 2009 | 6     | 23  | 9    | 23     | 24     | 0.3       | 3       | 1.79  | 94.4      | 20.6931 | 32.5216 |
| 2009 | 6     | 23  | 9    | 33     | 24     | 0.3       | 3       | 1.8   | 95.8      | 20.6931 | 32.7034 |
| 2009 | 6     | 23  | 9    | 43     | 24     | 0.3       | 3       | 1.8   | 93.7      | 20.6931 | 32.7034 |
| 2009 | 6     | 23  | 9    | 53     | 24     | 0.3       | 3       | 1.74  | 94        | 20.6931 | 31.7339 |
| 2009 | 6     | 23  | 10   | 3      | 24     | 0.3       | 3       | 1.79  | 92.7      | 20.6931 | 32.6428 |
| 2009 | 6     | 23  | 10   | 13     | 24     | 0.3       | 3       | 1.81  | 97.3      | 20.6931 | 32.8246 |
| 2009 | 6     | 23  | 10   | 23     | 24     | 0.3       | 3       | 1.76  | 95.8      | 20.6931 | 31.9762 |
| 2009 | 6     | 23  | 10   | 33     | 24     | 0.3       | 3       | 1.8   | 93.7      | 20.6931 | 32.764  |
| 2009 | 6     | 23  | 10   | 43     | 24     | 0.3       | 3       | 1.78  | 95.9      | 20.6931 | 32.2792 |
| 2009 | 6     | 23  | 10   | 53     | 24     | 0.3       | 3       | 1.82  | 93.6      | 20.7191 | 33.2309 |
| 2009 | 6     | 23  | 11   | 3      | 24     | 0.3       | 3       | 1.77  | 94.5      | 20.7191 | 32.3207 |
| 2009 | 6     | 23  | 11   | 13     | 24     | 0.3       | 3       | 1.79  | 96.1      | 20.6931 | 32.461  |
| 2009 | 6     | 23  | 11   | 23     | 24     | 0.3       | 3       | 1.79  | 93.1      | 20.7191 | 32.6241 |
| 2009 | 6     | 23  | 11   | 33     | 24     | 0.3       | 3       | 1.76  | 94.9      | 20.7191 | 32.1387 |
| 2009 | 6     | 23  | 11   | 43     | 24     | 0.3       | 3       | 1.79  | 95.1      | 20.7191 | 32.5634 |
| 2009 | 6     | 23  | 11   | 53     | 24     | 0.3       | 3       | 1.77  | 95.2      | 20.7191 | 32.1994 |
| 2009 | 6     | 23  | 12   | 3      | 24     | 0.3       | 3       | 1.77  | 93.7      | 20.7191 | 32.26   |
| 2009 | 6     | 23  | 12   | 13     | 24     | 0.3       | 3       | 1.79  | 93.4      | 20.7191 | 32.6241 |
| 2009 | 6     | 23  | 12   | 23     | 24     | 0.3       | 3       | 1.77  | 93.5      | 20.7191 | 32.1994 |
| 2009 | 6     | 23  | 12   | 33     | 24     | 0.3       | 3       | 1.75  | 95.7      | 20.7191 | 31.896  |
| 2009 | 6     | 23  | 12   | 43     | 24     | 0.3       | 3       | 1.78  | 94.1      | 20.7451 | 32.5445 |
| 2009 | 6     | 23  | 12   | 53     | 24     | 0.3       | 3       | 1.75  | 93.2      | 20.7191 | 31.896  |
| 2009 | 6     | 23  | 13   | 3      | 24     | 0.3       | 3       | 1.76  | 94.9      | 20.7451 | 32.1192 |
| 2009 | 6     | 23  | 13   | 13     | 24     | 0.3       | 3       | 1.77  | 94.8      | 20.7451 | 32.3014 |
| 2009 | 6     | 23  | 13   | 23     | 24     | 0.3       | 3       | 1.77  | 93.9      | 20.7451 | 32.3622 |
| 2009 | 6     | 23  | 13   | 33     | 24     | 0.3       | 3       | 1.76  | 94.6      | 20.7451 | 32.18   |
| 2009 | 6     | 23  | 13   | 43     | 24     | 0.3       | 3       | 1.78  | 93.8      | 20.7451 | 32.423  |
| 2009 | 6     | 23  | 13   | 53     | 24     | 0.3       | 3       | 1.76  | 92.6      | 20.7451 | 32.2407 |
| 2009 | 6     | 23  | 14   | 3      | 24     | 0.3       | 3       | 1.79  | 93.4      | 20.7451 | 32.7267 |
| 2009 | 6     | 23  | 14   | 13     | 24     | 0.3       | 3       | 1.78  | 94.9      | 20.7451 | 32.4837 |
| 2009 | 6     | 23  | 14   | 23     | 24     | 0.3       | 3       | 1.79  | 95.2      | 20.7451 | 32.6052 |
| 2009 | 6     | 23  | 14   | 33     | 24     | 0.3       | 3       | 1.81  | 96        | 20.7451 | 32.909  |
| 2009 | 6     | 23  | 14   | 43     | 24     | 0.3       | 3       | 1.76  | 94.2      | 20.7451 | 32.1192 |
| 2009 | 6     | 23  | 14   | 53     | 24     | 0.3       | 3       | 1.77  | 92.8      | 20.7451 | 32.3014 |
| 2009 | 6     | 23  | 15   | 3      | 24     | 0.3       | 3       | 1.75  | 93.3      | 20.7711 | 31.9171 |
| 2009 | 6     | 23  | 15   | 13     | 24     | 0.3       | 3       | 1.78  | 92.7      | 20.7711 | 32.5862 |
| 2009 | 6     | 23  | 15   | 23     | 24     | 0.3       | 3       | 1.78  | 93.2      | 20.7451 | 32.4837 |
| 2009 | 6     | 23  | 15   | 33     | 24     | 0.3       | 3       | 1.77  | 94.2      | 20.7711 | 32.4037 |
| 2009 | 6     | 23  | 15   | 43     | 24     | 0.3       | 3       | 1.78  | 93.3      | 20.7711 | 32.5862 |
| 2009 | 6     | 23  | 15   | 53     | 24     | 0.3       | 3       | 1.76  | 92.2      | 20.7711 | 32.1604 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 23  | 16   | 3      | 24     | 0.3       | 3       | 1.76  | 92.1      | 20.7711 | 32.2821 |
| 2009 | 6     | 23  | 16   | 13     | 24     | 0.3       | 3       | 1.77  | 92        | 20.7711 | 32.4037 |
| 2009 | 6     | 23  | 16   | 23     | 24     | 0.3       | 3       | 1.8   | 93        | 20.7711 | 32.8904 |
| 2009 | 6     | 23  | 16   | 33     | 24     | 0.3       | 3       | 1.76  | 92.2      | 20.7711 | 32.2821 |
| 2009 | 6     | 23  | 16   | 43     | 24     | 0.3       | 3       | 1.78  | 93.1      | 20.7711 | 32.5254 |
| 2009 | 6     | 23  | 16   | 53     | 24     | 0.3       | 3       | 1.76  | 94.2      | 20.7711 | 32.0996 |
| 2009 | 6     | 23  | 17   | 3      | 24     | 0.3       | 3       | 1.82  | 95        | 20.7711 | 33.2554 |
| 2009 | 6     | 23  | 17   | 13     | 24     | 0.3       | 3       | 1.76  | 90.6      | 20.7711 | 32.1604 |
| 2009 | 6     | 23  | 17   | 23     | 24     | 0.3       | 3       | 1.77  | 94.3      | 20.7711 | 32.3429 |
| 2009 | 6     | 23  | 17   | 33     | 24     | 0.3       | 3       | 1.82  | 95.4      | 20.7711 | 33.1946 |
| 2009 | 6     | 23  | 17   | 43     | 24     | 0.3       | 3       | 1.78  | 93.5      | 20.7971 | 32.5671 |
| 2009 | 6     | 23  | 17   | 53     | 24     | 0.3       | 3       | 1.77  | 93.6      | 20.7971 | 32.4452 |
| 2009 | 6     | 23  | 18   | 3      | 24     | 0.3       | 3       | 1.77  | 92.4      | 20.7971 | 32.4452 |
| 2009 | 6     | 23  | 18   | 13     | 24     | 0.3       | 3       | 1.76  | 92.8      | 20.7971 | 32.3234 |
| 2009 | 6     | 23  | 18   | 23     | 24     | 0.3       | 3       | 1.76  | 92.9      | 20.7971 | 32.3234 |
| 2009 | 6     | 23  | 18   | 33     | 24     | 0.3       | 3       | 1.77  | 93.5      | 20.7971 | 32.3843 |
| 2009 | 6     | 23  | 18   | 43     | 24     | 0.3       | 3       | 1.74  | 91.8      | 20.7971 | 31.8363 |
| 2009 | 6     | 23  | 18   | 53     | 24     | 0.3       | 3       | 1.76  | 92.6      | 20.8231 | 32.3038 |
| 2009 | 6     | 23  | 19   | 3      | 24     | 0.3       | 3       | 1.8   | 95.7      | 20.7971 | 32.8107 |
| 2009 | 6     | 23  | 19   | 13     | 24     | 0.3       | 3       | 1.77  | 93.2      | 20.8231 | 32.4258 |
| 2009 | 6     | 23  | 19   | 23     | 24     | 0.3       | 3       | 1.77  | 95        | 20.8231 | 32.3038 |
| 2009 | 6     | 23  | 19   | 33     | 24     | 0.3       | 3       | 1.78  | 93.5      | 20.8231 | 32.6697 |
| 2009 | 6     | 23  | 19   | 43     | 24     | 0.3       | 3       | 1.77  | 93.6      | 20.8231 | 32.4258 |
| 2009 | 6     | 23  | 19   | 53     | 24     | 0.3       | 3       | 1.81  | 95.9      | 20.8231 | 33.0357 |
| 2009 | 6     | 23  | 20   | 3      | 24     | 0.3       | 3       | 1.79  | 94.2      | 20.8491 | 32.7726 |
| 2009 | 6     | 23  | 20   | 13     | 24     | 0.3       | 3       | 1.8   | 93.7      | 20.8491 | 33.0779 |
| 2009 | 6     | 23  | 20   | 23     | 24     | 0.3       | 3       | 1.77  | 95.3      | 20.8491 | 32.4673 |
| 2009 | 6     | 23  | 20   | 33     | 24     | 0.3       | 3       | 1.8   | 93.8      | 20.8491 | 33.0779 |
| 2009 | 6     | 23  | 20   | 43     | 24     | 0.3       | 3       | 1.77  | 95.4      | 20.8491 | 32.4673 |
| 2009 | 6     | 23  | 20   | 53     | 24     | 0.3       | 3       | 1.75  | 92.7      | 20.8491 | 32.223  |
| 2009 | 6     | 23  | 21   | 3      | 24     | 0.3       | 3       | 1.77  | 93        | 20.8751 | 32.5087 |
| 2009 | 6     | 23  | 21   | 13     | 24     | 0.3       | 3       | 1.77  | 93        | 20.8751 | 32.631  |
| 2009 | 6     | 23  | 21   | 23     | 24     | 0.3       | 3       | 1.77  | 93        | 20.9011 | 32.6726 |
| 2009 | 6     | 23  | 21   | 33     | 24     | 0.3       | 3       | 1.75  | 94        | 20.8751 | 32.203  |
| 2009 | 6     | 23  | 21   | 43     | 24     | 0.3       | 3       | 1.8   | 95.2      | 20.8751 | 32.9979 |
| 2009 | 6     | 23  | 21   | 53     | 24     | 0.3       | 3       | 1.78  | 93.2      | 20.9011 | 32.7951 |
| 2009 | 6     | 23  | 22   | 3      | 24     | 0.3       | 3       | 1.75  | 93.5      | 20.9011 | 32.2441 |
| 2009 | 6     | 23  | 22   | 13     | 24     | 0.3       | 3       | 1.8   | 95.2      | 20.9011 | 33.1012 |
| 2009 | 6     | 23  | 22   | 23     | 24     | 0.3       | 3       | 1.77  | 94.5      | 20.9271 | 32.5917 |
| 2009 | 6     | 23  | 22   | 33     | 24     | 0.3       | 3       | 1.78  | 93        | 20.9271 | 32.7756 |
| 2009 | 6     | 23  | 22   | 43     | 24     | 0.3       | 3       | 1.75  | 93.8      | 20.9532 | 32.3263 |
| 2009 | 6     | 23  | 22   | 53     | 24     | 0.3       | 3       | 1.8   | 93.8      | 20.9271 | 33.0821 |
| 2009 | 6     | 23  | 23   | 3      | 24     | 0.3       | 3       | 1.78  | 94        | 20.9532 | 32.8786 |
| 2009 | 6     | 23  | 23   | 13     | 24     | 0.3       | 3       | 1.82  | 93.5      | 20.9532 | 33.6152 |
| 2009 | 6     | 23  | 23   | 23     | 24     | 0.3       | 3       | 1.79  | 94.1      | 20.9532 | 33.0014 |
| 2009 | 6     | 23  | 23   | 33     | 24     | 0.3       | 3       | 1.81  | 95.2      | 20.9532 | 33.3083 |
| 2009 | 6     | 23  | 23   | 43     | 24     | 0.3       | 3       | 1.78  | 93.6      | 20.9532 | 32.7559 |
| 2009 | 6     | 23  | 23   | 53     | 24     | 0.3       | 3       | 1.81  | 95.9      | 20.9532 | 33.2469 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 24  | 0    | 3      | 24     | 0.3       | 3       | 1.77  | 95.4      | 20.9532 | 32.5718 |
| 2009 | 6     | 24  | 0    | 13     | 24     | 0.3       | 3       | 1.76  | 94.8      | 20.9532 | 32.449  |
| 2009 | 6     | 24  | 0    | 23     | 24     | 0.3       | 3       | 1.79  | 94.7      | 20.9792 | 33.0434 |
| 2009 | 6     | 24  | 0    | 33     | 24     | 0.3       | 3       | 1.74  | 95.1      | 20.9532 | 32.0809 |
| 2009 | 6     | 24  | 0    | 43     | 24     | 0.3       | 3       | 1.79  | 93.8      | 20.9792 | 32.9819 |
| 2009 | 6     | 24  | 0    | 53     | 24     | 0.3       | 3       | 1.77  | 95        | 20.9792 | 32.5518 |
| 2009 | 6     | 24  | 1    | 3      | 24     | 0.3       | 3       | 1.73  | 94.5      | 20.9792 | 31.9374 |
| 2009 | 6     | 24  | 1    | 13     | 24     | 0.3       | 3       | 1.79  | 96        | 20.9792 | 33.0434 |
| 2009 | 6     | 24  | 1    | 23     | 24     | 0.3       | 3       | 1.8   | 94.5      | 20.9792 | 33.2277 |
| 2009 | 6     | 24  | 1    | 33     | 24     | 0.3       | 3       | 1.8   | 94.6      | 20.9792 | 33.1663 |
| 2009 | 6     | 24  | 1    | 43     | 24     | 0.3       | 3       | 1.79  | 95.4      | 20.9792 | 33.0434 |
| 2009 | 6     | 24  | 1    | 53     | 24     | 0.3       | 3       | 1.79  | 95.9      | 20.9792 | 33.0434 |
| 2009 | 6     | 24  | 2    | 3      | 24     | 0.3       | 3       | 1.81  | 95.4      | 20.9792 | 33.2892 |
| 2009 | 6     | 24  | 2    | 13     | 24     | 0.3       | 3       | 1.8   | 94        | 20.9792 | 33.1663 |
| 2009 | 6     | 24  | 2    | 23     | 24     | 0.3       | 3       | 1.81  | 94.1      | 20.9792 | 33.3507 |
| 2009 | 6     | 24  | 2    | 33     | 24     | 0.3       | 3       | 1.76  | 94.7      | 20.9792 | 32.5518 |
| 2009 | 6     | 24  | 2    | 43     | 24     | 0.3       | 3       | 1.78  | 95.9      | 20.9792 | 32.7975 |
| 2009 | 6     | 24  | 2    | 53     | 24     | 0.3       | 3       | 1.82  | 94        | 20.9792 | 33.658  |
| 2009 | 6     | 24  | 3    | 3      | 24     | 0.3       | 3       | 1.8   | 94.1      | 20.9792 | 33.2277 |
| 2009 | 6     | 24  | 3    | 13     | 24     | 0.3       | 3       | 1.81  | 95.7      | 20.9792 | 33.4121 |
| 2009 | 6     | 24  | 3    | 23     | 24     | 0.3       | 3       | 1.82  | 95.3      | 20.9792 | 33.5965 |
| 2009 | 6     | 24  | 3    | 33     | 24     | 0.3       | 3       | 1.82  | 95.7      | 20.9792 | 33.5965 |
| 2009 | 6     | 24  | 3    | 43     | 24     | 0.3       | 3       | 1.79  | 93.1      | 20.9792 | 33.0434 |
| 2009 | 6     | 24  | 3    | 53     | 24     | 0.3       | 3       | 1.8   | 94.3      | 20.9792 | 33.2277 |
| 2009 | 6     | 24  | 4    | 3      | 24     | 0.3       | 3       | 1.77  | 93.2      | 20.9792 | 32.7975 |
| 2009 | 6     | 24  | 4    | 13     | 24     | 0.3       | 3       | 1.81  | 92.2      | 20.9792 | 33.5351 |
| 2009 | 6     | 24  | 4    | 23     | 24     | 0.3       | 3       | 1.82  | 93.9      | 20.9792 | 33.5965 |
| 2009 | 6     | 24  | 4    | 33     | 24     | 0.3       | 3       | 1.82  | 95.1      | 20.9792 | 33.5351 |
| 2009 | 6     | 24  | 4    | 43     | 24     | 0.3       | 3       | 1.77  | 94.7      | 20.9792 | 32.6746 |
| 2009 | 6     | 24  | 4    | 53     | 24     | 0.3       | 3       | 1.81  | 94.7      | 20.9792 | 33.3507 |
| 2009 | 6     | 24  | 5    | 3      | 24     | 0.3       | 3       | 1.78  | 93.8      | 20.9792 | 32.9204 |
| 2009 | 6     | 24  | 5    | 13     | 24     | 0.3       | 3       | 1.81  | 94.9      | 21.0052 | 33.5161 |
| 2009 | 6     | 24  | 5    | 23     | 24     | 0.3       | 3       | 1.76  | 93.6      | 20.9792 | 32.4289 |
| 2009 | 6     | 24  | 5    | 33     | 24     | 0.3       | 3       | 1.77  | 95.2      | 20.9792 | 32.6132 |
| 2009 | 6     | 24  | 5    | 43     | 24     | 0.3       | 3       | 1.81  | 95.4      | 20.9792 | 33.4121 |
| 2009 | 6     | 24  | 5    | 53     | 24     | 0.3       | 3       | 1.81  | 93.6      | 20.9792 | 33.4121 |
| 2009 | 6     | 24  | 6    | 3      | 24     | 0.3       | 3       | 1.77  | 94.5      | 20.9792 | 32.6746 |
| 2009 | 6     | 24  | 6    | 13     | 24     | 0.3       | 3       | 1.79  | 94.8      | 20.9792 | 33.0434 |
| 2009 | 6     | 24  | 6    | 23     | 24     | 0.3       | 3       | 1.8   | 93.2      | 21.0052 | 33.393  |
| 2009 | 6     | 24  | 6    | 33     | 24     | 0.3       | 3       | 1.79  | 95.7      | 21.0052 | 33.0853 |
| 2009 | 6     | 24  | 6    | 43     | 24     | 0.3       | 3       | 1.79  | 94.8      | 21.0052 | 33.1469 |
| 2009 | 6     | 24  | 6    | 53     | 24     | 0.3       | 3       | 1.8   | 95.1      | 21.0052 | 33.1469 |
| 2009 | 6     | 24  | 7    | 3      | 24     | 0.3       | 3       | 1.78  | 93.2      | 21.0052 | 32.9007 |
| 2009 | 6     | 24  | 7    | 13     | 24     | 0.3       | 3       | 1.78  | 94.6      | 21.0052 | 32.8392 |
| 2009 | 6     | 24  | 7    | 23     | 24     | 0.3       | 3       | 1.78  | 94.9      | 21.0052 | 32.9623 |
| 2009 | 6     | 24  | 7    | 33     | 24     | 0.3       | 3       | 1.85  | 96.9      | 21.0052 | 34.0085 |
| 2009 | 6     | 24  | 7    | 43     | 24     | 0.3       | 3       | 1.81  | 96        | 21.0052 | 33.3315 |
| 2009 | 6     | 24  | 7    | 53     | 24     | 0.3       | 3       | 1.79  | 95.6      | 21.0052 | 33.0853 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 24  | 8    | 3      | 24     | 0.3       | 3       | 1.81  | 94.9      | 21.0052 | 33.393  |
| 2009 | 6     | 24  | 8    | 13     | 24     | 0.3       | 3       | 1.8   | 95        | 21.0052 | 33.2699 |
| 2009 | 6     | 24  | 8    | 23     | 24     | 0.3       | 3       | 1.8   | 95.3      | 21.0052 | 33.1469 |
| 2009 | 6     | 24  | 8    | 33     | 24     | 0.3       | 3       | 1.8   | 96.4      | 21.0052 | 33.2084 |
| 2009 | 6     | 24  | 8    | 43     | 24     | 0.3       | 3       | 1.76  | 93.9      | 21.0052 | 32.47   |
| 2009 | 6     | 24  | 8    | 53     | 24     | 0.3       | 3       | 1.78  | 94.6      | 21.0312 | 32.9425 |
| 2009 | 6     | 24  | 9    | 3      | 24     | 0.3       | 3       | 1.78  | 95.2      | 21.0052 | 32.9007 |
| 2009 | 6     | 24  | 9    | 13     | 24     | 0.3       | 3       | 1.78  | 96.3      | 21.0052 | 32.8392 |
| 2009 | 6     | 24  | 9    | 23     | 24     | 0.3       | 3       | 1.8   | 95.1      | 21.0312 | 33.1889 |
| 2009 | 6     | 24  | 9    | 33     | 24     | 0.3       | 3       | 1.78  | 95.8      | 21.0312 | 32.8809 |
| 2009 | 6     | 24  | 9    | 43     | 24     | 0.3       | 3       | 1.78  | 95.4      | 21.0312 | 32.8809 |
| 2009 | 6     | 24  | 9    | 53     | 24     | 0.3       | 3       | 1.77  | 93.1      | 21.0312 | 32.7576 |
| 2009 | 6     | 24  | 10   | 3      | 24     | 0.3       | 3       | 1.78  | 94.8      | 21.0312 | 32.8809 |
| 2009 | 6     | 24  | 10   | 13     | 24     | 0.3       | 3       | 1.79  | 95.2      | 21.0312 | 33.0041 |
| 2009 | 6     | 24  | 10   | 23     | 24     | 0.3       | 3       | 1.79  | 94.7      | 21.0312 | 33.1273 |
| 2009 | 6     | 24  | 10   | 33     | 24     | 0.3       | 3       | 1.8   | 95.8      | 21.0312 | 33.1889 |
| 2009 | 6     | 24  | 10   | 43     | 24     | 0.3       | 3       | 1.76  | 93.4      | 21.0312 | 32.5112 |
| 2009 | 6     | 24  | 10   | 53     | 24     | 0.3       | 3       | 1.79  | 95.5      | 21.0312 | 33.0041 |
| 2009 | 6     | 24  | 11   | 3      | 24     | 0.3       | 3       | 1.74  | 93.3      | 21.0312 | 32.2649 |
| 2009 | 6     | 24  | 11   | 13     | 24     | 0.3       | 3       | 1.76  | 93.8      | 21.0312 | 32.5728 |
| 2009 | 6     | 24  | 11   | 23     | 24     | 0.3       | 3       | 1.78  | 94.3      | 21.0312 | 32.8809 |
| 2009 | 6     | 24  | 11   | 33     | 24     | 0.3       | 3       | 1.75  | 95        | 21.0312 | 32.3264 |
| 2009 | 6     | 24  | 11   | 43     | 24     | 0.3       | 3       | 1.78  | 92.8      | 21.0312 | 33.0657 |
| 2009 | 6     | 24  | 11   | 53     | 24     | 0.3       | 3       | 1.75  | 92.9      | 21.0312 | 32.4496 |
| 2009 | 6     | 24  | 12   | 3      | 24     | 0.3       | 3       | 1.76  | 94.8      | 21.0573 | 32.6141 |
| 2009 | 6     | 24  | 12   | 13     | 24     | 0.3       | 3       | 1.79  | 94.8      | 21.0312 | 33.0657 |
| 2009 | 6     | 24  | 12   | 23     | 24     | 0.3       | 3       | 1.75  | 92.3      | 21.0312 | 32.4496 |
| 2009 | 6     | 24  | 12   | 33     | 24     | 0.3       | 3       | 1.73  | 93.7      | 21.0312 | 32.0185 |
| 2009 | 6     | 24  | 12   | 43     | 24     | 0.3       | 3       | 1.76  | 91.3      | 21.0312 | 32.696  |
| 2009 | 6     | 24  | 12   | 53     | 24     | 0.3       | 3       | 1.76  | 94.1      | 21.0312 | 32.6344 |
| 2009 | 6     | 24  | 13   | 3      | 24     | 0.3       | 3       | 1.79  | 93.3      | 21.0312 | 33.1273 |
| 2009 | 6     | 24  | 13   | 13     | 24     | 0.3       | 3       | 1.78  | 93.2      | 21.0573 | 33.1076 |
| 2009 | 6     | 24  | 13   | 23     | 24     | 0.3       | 3       | 1.77  | 93.6      | 21.0573 | 32.7375 |
| 2009 | 6     | 24  | 13   | 33     | 24     | 0.3       | 3       | 1.77  | 93        | 21.0573 | 32.9225 |
| 2009 | 6     | 24  | 13   | 43     | 24     | 0.3       | 3       | 1.78  | 94.6      | 21.0573 | 32.9225 |
| 2009 | 6     | 24  | 13   | 53     | 24     | 0.3       | 3       | 1.79  | 94.4      | 21.0573 | 33.1693 |
| 2009 | 6     | 24  | 14   | 3      | 24     | 0.3       | 3       | 1.75  | 96.3      | 21.0573 | 32.2441 |
| 2009 | 6     | 24  | 14   | 13     | 24     | 0.3       | 3       | 1.76  | 94.3      | 21.0312 | 32.6344 |
| 2009 | 6     | 24  | 14   | 23     | 24     | 0.3       | 3       | 1.75  | 93.9      | 21.0312 | 32.3264 |
| 2009 | 6     | 24  | 14   | 33     | 24     | 0.3       | 3       | 1.77  | 95.5      | 21.0573 | 32.6758 |
| 2009 | 6     | 24  | 14   | 43     | 24     | 0.3       | 3       | 1.72  | 92.5      | 21.0312 | 31.8953 |
| 2009 | 6     | 24  | 14   | 53     | 24     | 0.3       | 3       | 1.77  | 93.6      | 21.0312 | 32.7576 |
| 2009 | 6     | 24  | 15   | 3      | 24     | 0.3       | 3       | 1.76  | 93.5      | 21.0312 | 32.5728 |
| 2009 | 6     | 24  | 15   | 13     | 24     | 0.3       | 3       | 1.75  | 94.4      | 21.0312 | 32.388  |
| 2009 | 6     | 24  | 15   | 23     | 24     | 0.3       | 3       | 1.74  | 92.7      | 21.0312 | 32.3264 |
| 2009 | 6     | 24  | 15   | 33     | 24     | 0.3       | 3       | 1.74  | 93        | 21.0312 | 32.2649 |
| 2009 | 6     | 24  | 15   | 43     | 24     | 0.3       | 3       | 1.76  | 94.9      | 21.0312 | 32.5728 |
| 2009 | 6     | 24  | 15   | 53     | 24     | 0.3       | 3       | 1.75  | 94.4      | 21.0573 | 32.4291 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 24  | 16   | 3      | 24     | 0.3       | 3       | 1.74  | 93.8      | 21.0573 | 32.2441 |
| 2009 | 6     | 24  | 16   | 13     | 24     | 0.3       | 3       | 1.77  | 94.6      | 21.0312 | 32.696  |
| 2009 | 6     | 24  | 16   | 23     | 24     | 0.3       | 3       | 1.74  | 94.1      | 21.0573 | 32.3057 |
| 2009 | 6     | 24  | 16   | 33     | 24     | 0.3       | 3       | 1.76  | 93.9      | 21.0312 | 32.6344 |
| 2009 | 6     | 24  | 16   | 43     | 24     | 0.3       | 3       | 1.76  | 94.3      | 21.0573 | 32.6758 |
| 2009 | 6     | 24  | 16   | 53     | 24     | 0.3       | 3       | 1.78  | 93.9      | 21.0573 | 32.9225 |
| 2009 | 6     | 24  | 17   | 3      | 24     | 0.3       | 3       | 1.75  | 93.3      | 21.0312 | 32.5112 |
| 2009 | 6     | 24  | 17   | 13     | 24     | 0.3       | 3       | 1.78  | 94.6      | 21.0573 | 32.9225 |
| 2009 | 6     | 24  | 17   | 23     | 24     | 0.3       | 3       | 1.78  | 95        | 21.0573 | 32.8608 |
| 2009 | 6     | 24  | 17   | 33     | 24     | 0.3       | 3       | 1.73  | 92.5      | 21.0573 | 32.1824 |
| 2009 | 6     | 24  | 17   | 43     | 24     | 0.3       | 3       | 1.75  | 95.4      | 21.0573 | 32.3057 |
| 2009 | 6     | 24  | 17   | 53     | 24     | 0.3       | 3       | 1.75  | 91.5      | 21.0573 | 32.4291 |
| 2009 | 6     | 24  | 18   | 3      | 24     | 0.3       | 3       | 1.76  | 94.1      | 21.0573 | 32.6141 |
| 2009 | 6     | 24  | 18   | 13     | 24     | 0.3       | 3       | 1.76  | 94        | 21.0573 | 32.5524 |
| 2009 | 6     | 24  | 18   | 23     | 24     | 0.3       | 3       | 1.74  | 92.8      | 21.0573 | 32.2441 |
| 2009 | 6     | 24  | 18   | 33     | 24     | 0.3       | 3       | 1.78  | 94.6      | 21.0312 | 32.9425 |
| 2009 | 6     | 24  | 18   | 43     | 24     | 0.3       | 3       | 1.76  | 94.8      | 21.0573 | 32.6758 |
| 2009 | 6     | 24  | 18   | 53     | 24     | 0.3       | 3       | 1.74  | 94        | 21.0573 | 32.3057 |
| 2009 | 6     | 24  | 19   | 3      | 24     | 0.3       | 3       | 1.79  | 93.8      | 21.0573 | 33.1076 |
| 2009 | 6     | 24  | 19   | 13     | 24     | 0.3       | 3       | 1.81  | 94.8      | 21.0573 | 33.4777 |
| 2009 | 6     | 24  | 19   | 23     | 24     | 0.3       | 3       | 1.81  | 94.2      | 21.0573 | 33.4777 |
| 2009 | 6     | 24  | 19   | 33     | 24     | 0.3       | 3       | 1.75  | 93.2      | 21.0573 | 32.4291 |
| 2009 | 6     | 24  | 19   | 43     | 24     | 0.3       | 3       | 1.75  | 92.1      | 21.0573 | 32.5524 |
| 2009 | 6     | 24  | 19   | 53     | 24     | 0.3       | 3       | 1.77  | 95.1      | 21.0573 | 32.6758 |
| 2009 | 6     | 24  | 20   | 3      | 24     | 0.3       | 3       | 1.79  | 94        | 21.0573 | 33.231  |
| 2009 | 6     | 24  | 20   | 13     | 24     | 0.3       | 3       | 1.78  | 93.7      | 21.0573 | 33.0459 |
| 2009 | 6     | 24  | 20   | 23     | 24     | 0.3       | 3       | 1.8   | 92.9      | 21.0573 | 33.4777 |
| 2009 | 6     | 24  | 20   | 33     | 24     | 0.3       | 3       | 1.78  | 94.2      | 21.0573 | 33.0459 |
| 2009 | 6     | 24  | 20   | 43     | 24     | 0.3       | 3       | 1.82  | 95.5      | 21.0573 | 33.6628 |
| 2009 | 6     | 24  | 20   | 53     | 24     | 0.3       | 3       | 1.73  | 92.9      | 21.0573 | 32.0591 |
| 2009 | 6     | 24  | 21   | 3      | 24     | 0.3       | 3       | 1.81  | 94.8      | 21.0573 | 33.6011 |
| 2009 | 6     | 24  | 21   | 13     | 24     | 0.3       | 3       | 1.8   | 95.5      | 21.0573 | 33.2927 |
| 2009 | 6     | 24  | 21   | 23     | 24     | 0.3       | 3       | 1.78  | 95.7      | 21.0833 | 32.9024 |
| 2009 | 6     | 24  | 21   | 33     | 24     | 0.3       | 3       | 1.8   | 93.8      | 21.0833 | 33.3966 |
| 2009 | 6     | 24  | 21   | 43     | 24     | 0.3       | 3       | 1.8   | 95.5      | 21.0833 | 33.273  |
| 2009 | 6     | 24  | 21   | 53     | 24     | 0.3       | 3       | 1.79  | 96.3      | 21.0833 | 33.026  |
| 2009 | 6     | 24  | 22   | 3      | 24     | 0.3       | 3       | 1.77  | 94.4      | 21.0833 | 32.7789 |
| 2009 | 6     | 24  | 22   | 13     | 24     | 0.3       | 3       | 1.78  | 94.2      | 21.0833 | 33.0877 |
| 2009 | 6     | 24  | 22   | 23     | 24     | 0.3       | 3       | 1.77  | 93.4      | 21.0833 | 32.9642 |
| 2009 | 6     | 24  | 22   | 33     | 24     | 0.3       | 3       | 1.77  | 94.8      | 21.0833 | 32.8407 |
| 2009 | 6     | 24  | 22   | 43     | 24     | 0.3       | 3       | 1.81  | 94.5      | 21.0833 | 33.5819 |
| 2009 | 6     | 24  | 22   | 53     | 24     | 0.3       | 3       | 1.77  | 95        | 21.0833 | 32.7172 |
| 2009 | 6     | 24  | 23   | 3      | 24     | 0.3       | 3       | 1.76  | 95.8      | 21.0833 | 32.5936 |
| 2009 | 6     | 24  | 23   | 13     | 24     | 0.3       | 3       | 1.75  | 94.3      | 21.0833 | 32.5319 |
| 2009 | 6     | 24  | 23   | 23     | 24     | 0.3       | 3       | 1.78  | 95.1      | 21.0833 | 33.026  |
| 2009 | 6     | 24  | 23   | 33     | 24     | 0.3       | 3       | 1.73  | 95.3      | 21.0833 | 32.0996 |
| 2009 | 6     | 24  | 23   | 43     | 24     | 0.3       | 3       | 1.8   | 95.9      | 21.0833 | 33.273  |
| 2009 | 6     | 24  | 23   | 53     | 24     | 0.3       | 3       | 1.79  | 95.3      | 21.0833 | 33.0877 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 25  | 0    | 3      | 24     | 0.3       | 3       | 1.77  | 95.1      | 21.0833 | 32.7172 |
| 2009 | 6     | 25  | 0    | 13     | 24     | 0.3       | 3       | 1.78  | 93.7      | 21.0833 | 33.0877 |
| 2009 | 6     | 25  | 0    | 23     | 24     | 0.3       | 3       | 1.77  | 95.9      | 21.0833 | 32.8407 |
| 2009 | 6     | 25  | 0    | 33     | 24     | 0.3       | 3       | 1.79  | 94.3      | 21.0833 | 33.273  |
| 2009 | 6     | 25  | 0    | 43     | 24     | 0.3       | 3       | 1.8   | 94.4      | 21.0833 | 33.3348 |
| 2009 | 6     | 25  | 0    | 53     | 24     | 0.3       | 3       | 1.77  | 93.8      | 21.0833 | 32.8407 |
| 2009 | 6     | 25  | 1    | 3      | 24     | 0.3       | 3       | 1.82  | 95.7      | 21.0833 | 33.7054 |
| 2009 | 6     | 25  | 1    | 13     | 24     | 0.3       | 3       | 1.8   | 95.7      | 21.0833 | 33.273  |
| 2009 | 6     | 25  | 1    | 23     | 24     | 0.3       | 3       | 1.77  | 94        | 21.0833 | 32.7789 |
| 2009 | 6     | 25  | 1    | 33     | 24     | 0.3       | 3       | 1.79  | 94.8      | 21.0833 | 33.1495 |
| 2009 | 6     | 25  | 1    | 43     | 24     | 0.3       | 3       | 1.82  | 94.6      | 21.0833 | 33.7054 |
| 2009 | 6     | 25  | 1    | 53     | 24     | 0.3       | 3       | 1.77  | 93.5      | 21.0833 | 32.8407 |
| 2009 | 6     | 25  | 2    | 3      | 24     | 0.3       | 3       | 1.76  | 94.9      | 21.0833 | 32.5936 |
| 2009 | 6     | 25  | 2    | 13     | 24     | 0.3       | 3       | 1.79  | 94.3      | 21.0833 | 33.273  |
| 2009 | 6     | 25  | 2    | 23     | 24     | 0.3       | 3       | 1.82  | 95.2      | 21.0833 | 33.7054 |
| 2009 | 6     | 25  | 2    | 33     | 24     | 0.3       | 3       | 1.8   | 94.7      | 21.0833 | 33.3966 |
| 2009 | 6     | 25  | 2    | 43     | 24     | 0.3       | 3       | 1.74  | 94        | 21.0573 | 32.1824 |
| 2009 | 6     | 25  | 2    | 53     | 24     | 0.3       | 3       | 1.74  | 96.5      | 21.0573 | 32.1207 |
| 2009 | 6     | 25  | 3    | 3      | 24     | 0.3       | 3       | 1.77  | 94.9      | 21.0573 | 32.7992 |
| 2009 | 6     | 25  | 3    | 13     | 24     | 0.3       | 3       | 1.79  | 95.6      | 21.0573 | 33.1076 |
| 2009 | 6     | 25  | 3    | 23     | 24     | 0.3       | 3       | 1.82  | 96.2      | 21.0573 | 33.6011 |
| 2009 | 6     | 25  | 3    | 33     | 24     | 0.3       | 3       | 1.79  | 95.3      | 21.0573 | 33.0459 |
| 2009 | 6     | 25  | 3    | 43     | 24     | 0.3       | 3       | 1.8   | 96.2      | 21.0573 | 33.1693 |
| 2009 | 6     | 25  | 3    | 53     | 24     | 0.3       | 3       | 1.77  | 93.9      | 21.0573 | 32.7375 |
| 2009 | 6     | 25  | 4    | 3      | 24     | 0.3       | 3       | 1.75  | 94.3      | 21.0573 | 32.4908 |
| 2009 | 6     | 25  | 4    | 13     | 24     | 0.3       | 3       | 1.78  | 94.1      | 21.0573 | 32.9842 |
| 2009 | 6     | 25  | 4    | 23     | 24     | 0.3       | 3       | 1.77  | 94.3      | 21.0573 | 32.8608 |
| 2009 | 6     | 25  | 4    | 33     | 24     | 0.3       | 3       | 1.79  | 94.1      | 21.0573 | 33.231  |
| 2009 | 6     | 25  | 4    | 43     | 24     | 0.3       | 3       | 1.78  | 93.8      | 21.0573 | 32.9225 |
| 2009 | 6     | 25  | 4    | 53     | 24     | 0.3       | 3       | 1.77  | 96.1      | 21.0573 | 32.7375 |
| 2009 | 6     | 25  | 5    | 3      | 24     | 0.3       | 3       | 1.8   | 95.4      | 21.0573 | 33.2927 |
| 2009 | 6     | 25  | 5    | 13     | 24     | 0.3       | 3       | 1.79  | 94.6      | 21.0573 | 33.1693 |
| 2009 | 6     | 25  | 5    | 23     | 24     | 0.3       | 3       | 1.78  | 94.4      | 21.0573 | 32.9225 |
| 2009 | 6     | 25  | 5    | 33     | 24     | 0.3       | 3       | 1.81  | 95.1      | 21.0573 | 33.4777 |
| 2009 | 6     | 25  | 5    | 43     | 24     | 0.3       | 3       | 1.77  | 93.2      | 21.0573 | 32.8608 |
| 2009 | 6     | 25  | 5    | 53     | 24     | 0.3       | 3       | 1.76  | 96.4      | 21.0573 | 32.4291 |
| 2009 | 6     | 25  | 6    | 3      | 24     | 0.3       | 3       | 1.77  | 95        | 21.0573 | 32.7375 |
| 2009 | 6     | 25  | 6    | 13     | 24     | 0.3       | 3       | 1.78  | 95.9      | 21.0573 | 32.9842 |
| 2009 | 6     | 25  | 6    | 23     | 24     | 0.3       | 3       | 1.79  | 95.8      | 21.0573 | 33.1693 |
| 2009 | 6     | 25  | 6    | 33     | 24     | 0.3       | 3       | 1.77  | 96.6      | 21.0573 | 32.7375 |
| 2009 | 6     | 25  | 6    | 43     | 24     | 0.3       | 3       | 1.77  | 94.9      | 21.0573 | 32.8608 |
| 2009 | 6     | 25  | 6    | 53     | 24     | 0.3       | 3       | 1.79  | 95.2      | 21.0833 | 33.1495 |
| 2009 | 6     | 25  | 7    | 3      | 24     | 0.3       | 3       | 1.78  | 93.5      | 21.0833 | 33.1495 |
| 2009 | 6     | 25  | 7    | 13     | 24     | 0.3       | 3       | 1.78  | 94.3      | 21.0833 | 32.9642 |
| 2009 | 6     | 25  | 7    | 23     | 24     | 0.3       | 3       | 1.8   | 94.5      | 21.0833 | 33.3966 |
| 2009 | 6     | 25  | 7    | 33     | 24     | 0.3       | 3       | 1.77  | 93.2      | 21.0833 | 32.8407 |
| 2009 | 6     | 25  | 7    | 43     | 24     | 0.3       | 3       | 1.79  | 95.5      | 21.0833 | 33.0877 |
| 2009 | 6     | 25  | 7    | 53     | 24     | 0.3       | 3       | 1.76  | 94.9      | 21.0833 | 32.6554 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 25  | 8    | 3      | 24     | 0.3       | 3       | 1.8   | 95.1      | 21.1093 | 33.3151 |
| 2009 | 6     | 25  | 8    | 13     | 24     | 0.3       | 3       | 1.76  | 94.5      | 21.1093 | 32.6349 |
| 2009 | 6     | 25  | 8    | 23     | 24     | 0.3       | 3       | 1.79  | 95.8      | 21.0833 | 33.0877 |
| 2009 | 6     | 25  | 8    | 33     | 24     | 0.3       | 3       | 1.79  | 95.2      | 21.1093 | 33.1296 |
| 2009 | 6     | 25  | 8    | 43     | 24     | 0.3       | 3       | 1.77  | 96        | 21.1093 | 32.8204 |
| 2009 | 6     | 25  | 8    | 53     | 24     | 0.3       | 3       | 1.8   | 95.4      | 21.1093 | 33.3769 |
| 2009 | 6     | 25  | 9    | 3      | 24     | 0.3       | 3       | 1.79  | 96.1      | 21.1093 | 33.2532 |
| 2009 | 6     | 25  | 9    | 13     | 24     | 0.3       | 3       | 1.8   | 95.5      | 21.1093 | 33.4388 |
| 2009 | 6     | 25  | 9    | 23     | 24     | 0.3       | 3       | 1.77  | 95.9      | 21.1093 | 32.7585 |
| 2009 | 6     | 25  | 9    | 33     | 24     | 0.3       | 3       | 1.77  | 97.8      | 21.1093 | 32.6349 |
| 2009 | 6     | 25  | 9    | 43     | 24     | 0.3       | 3       | 1.78  | 94.4      | 21.1093 | 33.1296 |
| 2009 | 6     | 25  | 9    | 53     | 24     | 0.3       | 3       | 1.8   | 96.4      | 21.1354 | 33.2952 |
| 2009 | 6     | 25  | 10   | 3      | 24     | 0.3       | 3       | 1.78  | 96.5      | 21.1354 | 33.0476 |
| 2009 | 6     | 25  | 10   | 13     | 24     | 0.3       | 3       | 1.79  | 95.9      | 21.1354 | 33.1714 |
| 2009 | 6     | 25  | 10   | 23     | 24     | 0.3       | 3       | 1.78  | 95.1      | 21.1093 | 32.944  |
| 2009 | 6     | 25  | 10   | 33     | 24     | 0.3       | 3       | 1.78  | 94.5      | 21.1354 | 33.1095 |
| 2009 | 6     | 25  | 10   | 43     | 24     | 0.3       | 3       | 1.78  | 95        | 21.1354 | 33.1095 |
| 2009 | 6     | 25  | 10   | 53     | 24     | 0.3       | 3       | 1.73  | 95.3      | 21.1354 | 32.057  |
| 2009 | 6     | 25  | 11   | 3      | 24     | 0.3       | 3       | 1.75  | 94.9      | 21.1354 | 32.5522 |
| 2009 | 6     | 25  | 11   | 13     | 24     | 0.3       | 3       | 1.8   | 96.3      | 21.1354 | 33.4191 |
| 2009 | 6     | 25  | 11   | 23     | 24     | 0.3       | 3       | 1.79  | 93.3      | 21.1354 | 33.3572 |
| 2009 | 6     | 25  | 11   | 33     | 24     | 0.3       | 3       | 1.77  | 93.6      | 21.1354 | 32.9856 |
| 2009 | 6     | 25  | 11   | 43     | 24     | 0.3       | 3       | 1.76  | 96.1      | 21.1354 | 32.6142 |
| 2009 | 6     | 25  | 11   | 53     | 24     | 0.3       | 3       | 1.73  | 92        | 21.1354 | 32.1808 |
| 2009 | 6     | 25  | 12   | 3      | 24     | 0.3       | 3       | 1.81  | 94.4      | 21.1354 | 33.6668 |
| 2009 | 6     | 25  | 12   | 13     | 24     | 0.3       | 3       | 1.74  | 94.9      | 21.1354 | 32.3046 |
| 2009 | 6     | 25  | 12   | 23     | 24     | 0.3       | 3       | 1.72  | 95.7      | 21.1354 | 31.9951 |
| 2009 | 6     | 25  | 12   | 33     | 24     | 0.3       | 3       | 1.8   | 94.5      | 21.1093 | 33.4388 |
| 2009 | 6     | 25  | 12   | 43     | 24     | 0.3       | 3       | 1.74  | 92.2      | 21.1354 | 32.4284 |
| 2009 | 6     | 25  | 12   | 53     | 24     | 0.3       | 3       | 1.75  | 93.5      | 21.1354 | 32.6142 |
| 2009 | 6     | 25  | 13   | 3      | 24     | 0.3       | 3       | 1.76  | 93.9      | 21.1354 | 32.6761 |
| 2009 | 6     | 25  | 13   | 13     | 24     | 0.3       | 3       | 1.77  | 94.4      | 21.1354 | 32.8618 |
| 2009 | 6     | 25  | 13   | 23     | 24     | 0.3       | 3       | 1.77  | 94.5      | 21.1354 | 32.9856 |
| 2009 | 6     | 25  | 13   | 33     | 24     | 0.3       | 3       | 1.76  | 93.3      | 21.1354 | 32.8618 |
| 2009 | 6     | 25  | 13   | 43     | 24     | 0.3       | 3       | 1.76  | 95.4      | 21.1354 | 32.6142 |
| 2009 | 6     | 25  | 13   | 53     | 24     | 0.3       | 3       | 1.71  | 93.7      | 21.1093 | 31.7693 |
| 2009 | 6     | 25  | 14   | 3      | 24     | 0.3       | 3       | 1.72  | 93.5      | 21.1354 | 32.057  |
| 2009 | 6     | 25  | 14   | 13     | 24     | 0.3       | 3       | 1.76  | 92.8      | 21.1354 | 32.7999 |
| 2009 | 6     | 25  | 14   | 23     | 24     | 0.3       | 3       | 1.76  | 93.8      | 21.1354 | 32.738  |
| 2009 | 6     | 25  | 14   | 33     | 24     | 0.3       | 3       | 1.73  | 93.2      | 21.1354 | 32.1189 |
| 2009 | 6     | 25  | 14   | 43     | 24     | 0.3       | 3       | 1.73  | 92.7      | 21.1354 | 32.3046 |
| 2009 | 6     | 25  | 14   | 53     | 24     | 0.3       | 3       | 1.73  | 92.7      | 21.1614 | 32.3454 |
| 2009 | 6     | 25  | 15   | 3      | 24     | 0.3       | 3       | 1.74  | 93.1      | 21.1614 | 32.4693 |
| 2009 | 6     | 25  | 15   | 13     | 24     | 0.3       | 3       | 1.75  | 92.9      | 21.1354 | 32.6761 |
| 2009 | 6     | 25  | 15   | 23     | 24     | 0.3       | 3       | 1.72  | 93.7      | 21.1354 | 32.057  |
| 2009 | 6     | 25  | 15   | 33     | 24     | 0.3       | 3       | 1.79  | 93        | 21.1614 | 33.4613 |
| 2009 | 6     | 25  | 15   | 43     | 24     | 0.3       | 3       | 1.75  | 92.9      | 21.1354 | 32.5522 |
| 2009 | 6     | 25  | 15   | 53     | 24     | 0.3       | 3       | 1.72  | 93.6      | 21.1614 | 31.9735 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 25  | 16   | 3      | 24     | 0.3       | 3       | 1.77  | 92.5      | 21.1614 | 33.0892 |
| 2009 | 6     | 25  | 16   | 13     | 24     | 0.3       | 3       | 1.73  | 92.4      | 21.1614 | 32.2214 |
| 2009 | 6     | 25  | 16   | 23     | 24     | 0.3       | 3       | 1.75  | 93.2      | 21.1354 | 32.5522 |
| 2009 | 6     | 25  | 16   | 33     | 24     | 0.3       | 3       | 1.75  | 96        | 21.1614 | 32.4074 |
| 2009 | 6     | 25  | 16   | 43     | 24     | 0.3       | 3       | 1.73  | 92.6      | 21.1614 | 32.2834 |
| 2009 | 6     | 25  | 16   | 53     | 24     | 0.3       | 3       | 1.73  | 93.7      | 21.1354 | 32.2427 |
| 2009 | 6     | 25  | 17   | 3      | 24     | 0.3       | 3       | 1.72  | 93.1      | 21.1354 | 32.057  |
| 2009 | 6     | 25  | 17   | 13     | 24     | 0.3       | 3       | 1.82  | 93        | 21.1354 | 33.9146 |
| 2009 | 6     | 25  | 17   | 23     | 24     | 0.3       | 3       | 1.74  | 94.5      | 21.1614 | 32.4693 |
| 2009 | 6     | 25  | 17   | 33     | 24     | 0.3       | 3       | 1.77  | 93.4      | 21.1614 | 32.9653 |
| 2009 | 6     | 25  | 17   | 43     | 24     | 0.3       | 3       | 1.77  | 94.3      | 21.1875 | 32.9447 |
| 2009 | 6     | 25  | 17   | 53     | 24     | 0.3       | 3       | 1.76  | 92.2      | 21.1614 | 32.7793 |
| 2009 | 6     | 25  | 18   | 3      | 24     | 0.3       | 3       | 1.73  | 92.7      | 21.1614 | 32.3454 |
| 2009 | 6     | 25  | 18   | 13     | 24     | 0.3       | 3       | 1.77  | 92.8      | 21.1875 | 33.1309 |
| 2009 | 6     | 25  | 18   | 23     | 24     | 0.3       | 3       | 1.77  | 93.6      | 21.1875 | 33.0689 |
| 2009 | 6     | 25  | 18   | 33     | 24     | 0.3       | 3       | 1.76  | 93.5      | 21.1614 | 32.8413 |
| 2009 | 6     | 25  | 18   | 43     | 24     | 0.3       | 3       | 1.79  | 91.7      | 21.1614 | 33.3993 |
| 2009 | 6     | 25  | 18   | 53     | 24     | 0.3       | 3       | 1.76  | 93.5      | 21.1875 | 32.8206 |
| 2009 | 6     | 25  | 19   | 3      | 24     | 0.3       | 3       | 1.77  | 94.3      | 21.2135 | 32.9862 |
| 2009 | 6     | 25  | 19   | 13     | 24     | 0.3       | 3       | 1.78  | 93.5      | 21.2135 | 33.3591 |
| 2009 | 6     | 25  | 19   | 23     | 24     | 0.3       | 3       | 1.75  | 94.4      | 21.2135 | 32.7376 |
| 2009 | 6     | 25  | 19   | 33     | 24     | 0.3       | 3       | 1.75  | 95.6      | 21.2135 | 32.6755 |
| 2009 | 6     | 25  | 19   | 43     | 24     | 0.3       | 3       | 1.76  | 93.8      | 21.2135 | 32.8619 |
| 2009 | 6     | 25  | 19   | 53     | 24     | 0.3       | 3       | 1.76  | 93.9      | 21.2396 | 32.9654 |
| 2009 | 6     | 25  | 20   | 3      | 24     | 0.3       | 3       | 1.77  | 95.7      | 21.2396 | 33.0899 |
| 2009 | 6     | 25  | 20   | 13     | 24     | 0.3       | 3       | 1.76  | 94.1      | 21.2396 | 32.9032 |
| 2009 | 6     | 25  | 20   | 23     | 24     | 0.3       | 3       | 1.75  | 94        | 21.2396 | 32.7166 |
| 2009 | 6     | 25  | 20   | 33     | 24     | 0.3       | 3       | 1.75  | 92        | 21.2396 | 32.7166 |
| 2009 | 6     | 25  | 20   | 43     | 24     | 0.3       | 3       | 1.78  | 96        | 21.2396 | 33.2766 |
| 2009 | 6     | 25  | 20   | 53     | 24     | 0.3       | 3       | 1.75  | 94.1      | 21.2656 | 32.8199 |
| 2009 | 6     | 25  | 21   | 3      | 24     | 0.3       | 3       | 1.8   | 96.5      | 21.2656 | 33.5676 |
| 2009 | 6     | 25  | 21   | 13     | 24     | 0.3       | 3       | 1.79  | 92.8      | 21.2656 | 33.63   |
| 2009 | 6     | 25  | 21   | 23     | 24     | 0.3       | 3       | 1.77  | 95        | 21.2656 | 33.0069 |
| 2009 | 6     | 25  | 21   | 33     | 24     | 0.3       | 3       | 1.74  | 94.7      | 21.2656 | 32.6331 |
| 2009 | 6     | 25  | 21   | 43     | 24     | 0.3       | 3       | 1.79  | 96.1      | 21.2656 | 33.443  |
| 2009 | 6     | 25  | 21   | 53     | 24     | 0.3       | 3       | 1.8   | 94.7      | 21.2917 | 33.6721 |
| 2009 | 6     | 25  | 22   | 3      | 24     | 0.3       | 3       | 1.8   | 93.7      | 21.2656 | 33.63   |
| 2009 | 6     | 25  | 22   | 13     | 24     | 0.3       | 3       | 1.77  | 94.2      | 21.2917 | 33.2354 |
| 2009 | 6     | 25  | 22   | 23     | 24     | 0.3       | 3       | 1.79  | 93.9      | 21.2917 | 33.5474 |
| 2009 | 6     | 25  | 22   | 33     | 24     | 0.3       | 3       | 1.75  | 94.8      | 21.2917 | 32.8611 |
| 2009 | 6     | 25  | 22   | 43     | 24     | 0.3       | 3       | 1.83  | 95.3      | 21.2917 | 34.2337 |
| 2009 | 6     | 25  | 22   | 53     | 24     | 0.3       | 3       | 1.81  | 93.8      | 21.2917 | 33.8593 |
| 2009 | 6     | 25  | 23   | 3      | 24     | 0.3       | 3       | 1.81  | 95.6      | 21.2917 | 33.8593 |
| 2009 | 6     | 25  | 23   | 13     | 24     | 0.3       | 3       | 1.81  | 95.3      | 21.2917 | 33.7969 |
| 2009 | 6     | 25  | 23   | 23     | 24     | 0.3       | 3       | 1.77  | 96        | 21.2917 | 33.173  |
| 2009 | 6     | 25  | 23   | 33     | 24     | 0.3       | 3       | 1.78  | 95.2      | 21.2917 | 33.2978 |
| 2009 | 6     | 25  | 23   | 43     | 24     | 0.3       | 3       | 1.77  | 95.8      | 21.2917 | 33.1106 |
| 2009 | 6     | 25  | 23   | 53     | 24     | 0.3       | 3       | 1.79  | 96.3      | 21.2917 | 33.3602 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 26  | 0    | 3      | 24     | 0.3       | 3       | 1.79  | 94.1      | 21.2917 | 33.485  |
| 2009 | 6     | 26  | 0    | 13     | 24     | 0.3       | 3       | 1.74  | 94.3      | 21.2917 | 32.6116 |
| 2009 | 6     | 26  | 0    | 23     | 24     | 0.3       | 3       | 1.79  | 94.7      | 21.2917 | 33.5474 |
| 2009 | 6     | 26  | 0    | 33     | 24     | 0.3       | 3       | 1.79  | 95.3      | 21.2917 | 33.5474 |
| 2009 | 6     | 26  | 0    | 43     | 24     | 0.3       | 3       | 1.78  | 96.7      | 21.2917 | 33.173  |
| 2009 | 6     | 26  | 0    | 53     | 24     | 0.3       | 3       | 1.78  | 95.9      | 21.2917 | 33.2354 |
| 2009 | 6     | 26  | 1    | 3      | 24     | 0.3       | 3       | 1.77  | 95.3      | 21.2917 | 33.0483 |
| 2009 | 6     | 26  | 1    | 13     | 24     | 0.3       | 3       | 1.78  | 95        | 21.2917 | 33.4226 |
| 2009 | 6     | 26  | 1    | 23     | 24     | 0.3       | 3       | 1.83  | 94        | 21.2917 | 34.2337 |
| 2009 | 6     | 26  | 1    | 33     | 24     | 0.3       | 3       | 1.77  | 94.4      | 21.2917 | 33.1106 |
| 2009 | 6     | 26  | 1    | 43     | 24     | 0.3       | 3       | 1.76  | 94        | 21.2917 | 32.9859 |
| 2009 | 6     | 26  | 1    | 53     | 24     | 0.3       | 3       | 1.77  | 94.9      | 21.2917 | 33.1106 |
| 2009 | 6     | 26  | 2    | 3      | 24     | 0.3       | 3       | 1.79  | 94.9      | 21.2917 | 33.5474 |
| 2009 | 6     | 26  | 2    | 13     | 24     | 0.3       | 3       | 1.79  | 94.5      | 21.2917 | 33.6097 |
| 2009 | 6     | 26  | 2    | 23     | 24     | 0.3       | 3       | 1.77  | 93.5      | 21.2917 | 33.2978 |
| 2009 | 6     | 26  | 2    | 33     | 24     | 0.3       | 3       | 1.79  | 95.1      | 21.2917 | 33.4226 |
| 2009 | 6     | 26  | 2    | 43     | 24     | 0.3       | 3       | 1.79  | 94.2      | 21.2917 | 33.5474 |
| 2009 | 6     | 26  | 2    | 53     | 24     | 0.3       | 3       | 1.78  | 95        | 21.2917 | 33.2354 |
| 2009 | 6     | 26  | 3    | 3      | 24     | 0.3       | 3       | 1.75  | 94.4      | 21.2917 | 32.7364 |
| 2009 | 6     | 26  | 3    | 13     | 24     | 0.3       | 3       | 1.78  | 95.1      | 21.2917 | 33.3602 |
| 2009 | 6     | 26  | 3    | 23     | 24     | 0.3       | 3       | 1.8   | 95.9      | 21.2917 | 33.6097 |
| 2009 | 6     | 26  | 3    | 33     | 24     | 0.3       | 3       | 1.78  | 94.2      | 21.3177 | 33.4645 |
| 2009 | 6     | 26  | 3    | 43     | 24     | 0.3       | 3       | 1.74  | 93.9      | 21.2917 | 32.5492 |
| 2009 | 6     | 26  | 3    | 53     | 24     | 0.3       | 3       | 1.77  | 93.9      | 21.2917 | 33.1106 |
| 2009 | 6     | 26  | 4    | 3      | 24     | 0.3       | 3       | 1.73  | 92.6      | 21.2917 | 32.4869 |
| 2009 | 6     | 26  | 4    | 13     | 24     | 0.3       | 3       | 1.77  | 94.6      | 21.2917 | 33.2354 |
| 2009 | 6     | 26  | 4    | 23     | 24     | 0.3       | 3       | 1.79  | 95.1      | 21.2917 | 33.4226 |
| 2009 | 6     | 26  | 4    | 33     | 24     | 0.3       | 3       | 1.78  | 93.6      | 21.2917 | 33.4226 |
| 2009 | 6     | 26  | 4    | 43     | 24     | 0.3       | 3       | 1.78  | 95        | 21.2917 | 33.2354 |
| 2009 | 6     | 26  | 4    | 53     | 24     | 0.3       | 3       | 1.76  | 92.8      | 21.2917 | 33.1106 |
| 2009 | 6     | 26  | 5    | 3      | 24     | 0.3       | 3       | 1.8   | 94.8      | 21.2917 | 33.6721 |
| 2009 | 6     | 26  | 5    | 13     | 24     | 0.3       | 3       | 1.78  | 95.3      | 21.2917 | 33.2978 |
| 2009 | 6     | 26  | 5    | 23     | 24     | 0.3       | 3       | 1.72  | 92.7      | 21.2917 | 32.3621 |
| 2009 | 6     | 26  | 5    | 33     | 24     | 0.3       | 3       | 1.79  | 93.8      | 21.2917 | 33.5474 |
| 2009 | 6     | 26  | 5    | 43     | 24     | 0.3       | 3       | 1.74  | 94.3      | 21.2917 | 32.5492 |
| 2009 | 6     | 26  | 5    | 53     | 24     | 0.3       | 3       | 1.81  | 94.7      | 21.2917 | 33.9841 |
| 2009 | 6     | 26  | 6    | 3      | 24     | 0.3       | 3       | 1.75  | 94.6      | 21.2917 | 32.7364 |
| 2009 | 6     | 26  | 6    | 13     | 24     | 0.3       | 3       | 1.78  | 94        | 21.3177 | 33.402  |
| 2009 | 6     | 26  | 6    | 23     | 24     | 0.3       | 3       | 1.77  | 95.4      | 21.3177 | 33.1521 |
| 2009 | 6     | 26  | 6    | 33     | 24     | 0.3       | 3       | 1.74  | 96.8      | 21.3177 | 32.59   |
| 2009 | 6     | 26  | 6    | 43     | 24     | 0.3       | 3       | 1.77  | 94.6      | 21.3177 | 33.1521 |
| 2009 | 6     | 26  | 6    | 53     | 24     | 0.3       | 3       | 1.77  | 96.4      | 21.2917 | 32.9859 |
| 2009 | 6     | 26  | 7    | 3      | 24     | 0.3       | 3       | 1.78  | 96        | 21.2917 | 33.2354 |
| 2009 | 6     | 26  | 7    | 13     | 24     | 0.3       | 3       | 1.8   | 94.9      | 21.3177 | 33.7143 |
| 2009 | 6     | 26  | 7    | 23     | 24     | 0.3       | 3       | 1.75  | 95        | 21.3177 | 32.7774 |
| 2009 | 6     | 26  | 7    | 33     | 24     | 0.3       | 3       | 1.78  | 93.3      | 21.3177 | 33.5269 |
| 2009 | 6     | 26  | 7    | 43     | 24     | 0.3       | 3       | 1.76  | 95.4      | 21.3177 | 33.0272 |
| 2009 | 6     | 26  | 7    | 53     | 24     | 0.3       | 3       | 1.76  | 94.8      | 21.3177 | 33.0897 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 26  | 8    | 3      | 24     | 0.3       | 3       | 1.74  | 94.6      | 21.3177 | 32.6525 |
| 2009 | 6     | 26  | 8    | 13     | 24     | 0.3       | 3       | 1.78  | 95.1      | 21.3177 | 33.402  |
| 2009 | 6     | 26  | 8    | 23     | 24     | 0.3       | 3       | 1.79  | 95.5      | 21.3177 | 33.4645 |
| 2009 | 6     | 26  | 8    | 33     | 24     | 0.3       | 3       | 1.77  | 96.4      | 21.3177 | 33.0272 |
| 2009 | 6     | 26  | 8    | 43     | 24     | 0.3       | 3       | 1.78  | 95.9      | 21.3177 | 33.3395 |
| 2009 | 6     | 26  | 8    | 53     | 24     | 0.3       | 3       | 1.77  | 94.1      | 21.3177 | 33.2146 |
| 2009 | 6     | 26  | 9    | 3      | 24     | 0.3       | 3       | 1.76  | 94.3      | 21.3177 | 33.0897 |
| 2009 | 6     | 26  | 9    | 13     | 24     | 0.3       | 3       | 1.77  | 94.3      | 21.3177 | 33.2146 |
| 2009 | 6     | 26  | 9    | 23     | 24     | 0.3       | 3       | 1.77  | 95.2      | 21.3177 | 33.1521 |
| 2009 | 6     | 26  | 9    | 33     | 24     | 0.3       | 3       | 1.77  | 94.6      | 21.3177 | 33.2146 |
| 2009 | 6     | 26  | 9    | 43     | 24     | 0.3       | 3       | 1.77  | 95.2      | 21.3177 | 33.1521 |
| 2009 | 6     | 26  | 9    | 53     | 24     | 0.3       | 3       | 1.77  | 95.4      | 21.3177 | 33.2146 |
| 2009 | 6     | 26  | 10   | 3      | 24     | 0.3       | 3       | 1.78  | 95        | 21.3177 | 33.4645 |
| 2009 | 6     | 26  | 10   | 13     | 24     | 0.3       | 3       | 1.75  | 95.8      | 21.3177 | 32.7774 |
| 2009 | 6     | 26  | 10   | 23     | 24     | 0.3       | 3       | 1.78  | 95.3      | 21.3177 | 33.402  |
| 2009 | 6     | 26  | 10   | 33     | 24     | 0.3       | 3       | 1.79  | 94.2      | 21.3177 | 33.5894 |
| 2009 | 6     | 26  | 10   | 43     | 24     | 0.3       | 3       | 1.76  | 93.5      | 21.3177 | 33.0897 |
| 2009 | 6     | 26  | 10   | 53     | 24     | 0.3       | 3       | 1.79  | 95.4      | 21.3177 | 33.4645 |
| 2009 | 6     | 26  | 11   | 3      | 24     | 0.3       | 3       | 1.75  | 95.2      | 21.3438 | 32.881  |
| 2009 | 6     | 26  | 11   | 13     | 24     | 0.3       | 3       | 1.79  | 95        | 21.3177 | 33.6519 |
| 2009 | 6     | 26  | 11   | 23     | 24     | 0.3       | 3       | 1.77  | 92.8      | 21.3438 | 33.3813 |
| 2009 | 6     | 26  | 11   | 33     | 24     | 0.3       | 3       | 1.8   | 94.5      | 21.3438 | 33.7565 |
| 2009 | 6     | 26  | 11   | 43     | 24     | 0.3       | 3       | 1.76  | 94.7      | 21.3438 | 33.006  |
| 2009 | 6     | 26  | 11   | 53     | 24     | 0.3       | 3       | 1.78  | 94.3      | 21.3438 | 33.5063 |
| 2009 | 6     | 26  | 12   | 3      | 24     | 0.3       | 3       | 1.8   | 96.5      | 21.3438 | 33.694  |
| 2009 | 6     | 26  | 12   | 13     | 24     | 0.3       | 3       | 1.8   | 92        | 21.3438 | 33.8191 |
| 2009 | 6     | 26  | 12   | 23     | 24     | 0.3       | 3       | 1.79  | 93.4      | 21.3438 | 33.7565 |
| 2009 | 6     | 26  | 12   | 33     | 24     | 0.3       | 3       | 1.77  | 94        | 21.3438 | 33.1936 |
| 2009 | 6     | 26  | 12   | 43     | 24     | 0.3       | 3       | 1.78  | 95.6      | 21.3438 | 33.3187 |
| 2009 | 6     | 26  | 12   | 53     | 24     | 0.3       | 3       | 1.77  | 93.8      | 21.3438 | 33.1936 |
| 2009 | 6     | 26  | 13   | 3      | 24     | 0.3       | 3       | 1.77  | 94.4      | 21.3438 | 33.2562 |
| 2009 | 6     | 26  | 13   | 13     | 24     | 0.3       | 3       | 1.82  | 93.4      | 21.3438 | 34.3196 |
| 2009 | 6     | 26  | 13   | 23     | 24     | 0.3       | 3       | 1.75  | 94.7      | 21.3698 | 32.9847 |
| 2009 | 6     | 26  | 13   | 33     | 24     | 0.3       | 3       | 1.79  | 95.6      | 21.3698 | 33.5482 |
| 2009 | 6     | 26  | 13   | 43     | 24     | 0.3       | 3       | 1.82  | 94.8      | 21.3698 | 34.1745 |
| 2009 | 6     | 26  | 13   | 53     | 24     | 0.3       | 3       | 1.74  | 94.6      | 21.3698 | 32.7969 |
| 2009 | 6     | 26  | 14   | 3      | 24     | 0.3       | 3       | 1.8   | 95.4      | 21.3698 | 33.8614 |
| 2009 | 6     | 26  | 14   | 13     | 24     | 0.3       | 3       | 1.78  | 95.5      | 21.3698 | 33.3604 |
| 2009 | 6     | 26  | 14   | 23     | 24     | 0.3       | 3       | 1.8   | 94.3      | 21.3698 | 33.7987 |
| 2009 | 6     | 26  | 14   | 33     | 24     | 0.3       | 3       | 1.76  | 93.1      | 21.3698 | 33.2351 |
| 2009 | 6     | 26  | 14   | 43     | 24     | 0.3       | 3       | 1.81  | 96.5      | 21.3698 | 33.924  |
| 2009 | 6     | 26  | 14   | 53     | 24     | 0.3       | 3       | 1.78  | 95.5      | 21.3698 | 33.4856 |
| 2009 | 6     | 26  | 15   | 3      | 24     | 0.3       | 3       | 1.76  | 94.8      | 21.3959 | 33.0886 |
| 2009 | 6     | 26  | 15   | 13     | 24     | 0.3       | 3       | 1.77  | 94.1      | 21.3959 | 33.3393 |
| 2009 | 6     | 26  | 15   | 23     | 24     | 0.3       | 3       | 1.77  | 93.2      | 21.3959 | 33.402  |
| 2009 | 6     | 26  | 15   | 33     | 24     | 0.3       | 3       | 1.75  | 94.1      | 21.3959 | 32.9005 |
| 2009 | 6     | 26  | 15   | 43     | 24     | 0.3       | 3       | 1.76  | 95.6      | 21.3959 | 33.1513 |
| 2009 | 6     | 26  | 15   | 53     | 24     | 0.3       | 3       | 1.76  | 94.3      | 21.3959 | 33.214  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 26  | 16   | 3      | 24     | 0.3       | 3       | 1.78  | 94.9      | 21.3959 | 33.5901 |
| 2009 | 6     | 26  | 16   | 13     | 24     | 0.3       | 3       | 1.77  | 94.6      | 21.422  | 33.3809 |
| 2009 | 6     | 26  | 16   | 23     | 24     | 0.3       | 3       | 1.81  | 94        | 21.422  | 34.1971 |
| 2009 | 6     | 26  | 16   | 33     | 24     | 0.3       | 3       | 1.75  | 96.7      | 21.422  | 32.8788 |
| 2009 | 6     | 26  | 16   | 43     | 24     | 0.3       | 3       | 1.76  | 94.5      | 21.422  | 33.2554 |
| 2009 | 6     | 26  | 16   | 53     | 24     | 0.3       | 3       | 1.76  | 93.5      | 21.422  | 33.2554 |
| 2009 | 6     | 26  | 17   | 3      | 24     | 0.3       | 3       | 1.78  | 96.6      | 21.422  | 33.3809 |
| 2009 | 6     | 26  | 17   | 13     | 24     | 0.3       | 3       | 1.79  | 93.9      | 21.422  | 33.6948 |
| 2009 | 6     | 26  | 17   | 23     | 24     | 0.3       | 3       | 1.78  | 95        | 21.422  | 33.4437 |
| 2009 | 6     | 26  | 17   | 33     | 24     | 0.3       | 3       | 1.74  | 95.4      | 21.448  | 32.8569 |
| 2009 | 6     | 26  | 17   | 43     | 24     | 0.3       | 3       | 1.78  | 95.1      | 21.448  | 33.5483 |
| 2009 | 6     | 26  | 17   | 53     | 24     | 0.3       | 3       | 1.78  | 95        | 21.448  | 33.6111 |
| 2009 | 6     | 26  | 18   | 3      | 24     | 0.3       | 3       | 1.75  | 93.9      | 21.4741 | 33.0866 |
| 2009 | 6     | 26  | 18   | 13     | 24     | 0.3       | 3       | 1.78  | 93.7      | 21.448  | 33.674  |
| 2009 | 6     | 26  | 18   | 23     | 24     | 0.3       | 3       | 1.83  | 95.3      | 21.4741 | 34.4712 |
| 2009 | 6     | 26  | 18   | 33     | 24     | 0.3       | 3       | 1.79  | 94.8      | 21.4741 | 33.8418 |
| 2009 | 6     | 26  | 18   | 43     | 24     | 0.3       | 3       | 1.81  | 94.5      | 21.4741 | 34.2194 |
| 2009 | 6     | 26  | 18   | 53     | 24     | 0.3       | 3       | 1.79  | 93.6      | 21.5002 | 34.0099 |
| 2009 | 6     | 26  | 19   | 3      | 24     | 0.3       | 3       | 1.79  | 94.9      | 21.5002 | 33.8838 |
| 2009 | 6     | 26  | 19   | 13     | 24     | 0.3       | 3       | 1.81  | 94.8      | 21.5002 | 34.325  |
| 2009 | 6     | 26  | 19   | 23     | 24     | 0.3       | 3       | 1.77  | 95.8      | 21.5263 | 33.4212 |
| 2009 | 6     | 26  | 19   | 33     | 24     | 0.3       | 3       | 1.79  | 94.3      | 21.5523 | 33.968  |
| 2009 | 6     | 26  | 19   | 43     | 24     | 0.3       | 3       | 1.79  | 92.7      | 21.5523 | 33.968  |
| 2009 | 6     | 26  | 19   | 53     | 24     | 0.3       | 3       | 1.78  | 95.6      | 21.5523 | 33.7785 |
| 2009 | 6     | 26  | 20   | 3      | 24     | 0.3       | 3       | 1.81  | 93.7      | 21.5784 | 34.4529 |
| 2009 | 6     | 26  | 20   | 13     | 24     | 0.3       | 3       | 1.76  | 95.5      | 21.5784 | 33.3144 |
| 2009 | 6     | 26  | 20   | 23     | 24     | 0.3       | 3       | 1.76  | 93.5      | 21.6045 | 33.5456 |
| 2009 | 6     | 26  | 20   | 33     | 24     | 0.3       | 3       | 1.78  | 93.9      | 21.5784 | 33.8204 |
| 2009 | 6     | 26  | 20   | 43     | 24     | 0.3       | 3       | 1.81  | 94.8      | 21.6045 | 34.3689 |
| 2009 | 6     | 26  | 20   | 53     | 24     | 0.3       | 3       | 1.78  | 95.5      | 21.6045 | 33.7356 |
| 2009 | 6     | 26  | 21   | 3      | 24     | 0.3       | 3       | 1.79  | 93.7      | 21.6306 | 34.0943 |
| 2009 | 6     | 26  | 21   | 13     | 24     | 0.3       | 3       | 1.77  | 95.1      | 21.6306 | 33.6505 |
| 2009 | 6     | 26  | 21   | 23     | 24     | 0.3       | 3       | 1.8   | 94.4      | 21.6306 | 34.348  |
| 2009 | 6     | 26  | 21   | 33     | 24     | 0.3       | 3       | 1.77  | 93.2      | 21.6306 | 33.8407 |
| 2009 | 6     | 26  | 21   | 43     | 24     | 0.3       | 3       | 1.81  | 95.7      | 21.6306 | 34.4748 |
| 2009 | 6     | 26  | 21   | 53     | 24     | 0.3       | 3       | 1.8   | 94.9      | 21.6567 | 34.3904 |
| 2009 | 6     | 26  | 22   | 3      | 24     | 0.3       | 3       | 1.75  | 95.5      | 21.6567 | 33.2478 |
| 2009 | 6     | 26  | 22   | 13     | 24     | 0.3       | 3       | 1.79  | 95.4      | 21.6567 | 34.073  |
| 2009 | 6     | 26  | 22   | 23     | 24     | 0.3       | 3       | 1.78  | 94.1      | 21.6567 | 33.8825 |
| 2009 | 6     | 26  | 22   | 33     | 24     | 0.3       | 3       | 1.78  | 95        | 21.6567 | 33.946  |
| 2009 | 6     | 26  | 22   | 43     | 24     | 0.3       | 3       | 1.77  | 93.2      | 21.6567 | 33.819  |
| 2009 | 6     | 26  | 22   | 53     | 24     | 0.3       | 3       | 1.77  | 94.5      | 21.6567 | 33.6921 |
| 2009 | 6     | 26  | 23   | 3      | 24     | 0.3       | 3       | 1.85  | 94        | 21.6567 | 35.2794 |
| 2009 | 6     | 26  | 23   | 13     | 24     | 0.3       | 3       | 1.8   | 93.8      | 21.6828 | 34.4328 |
| 2009 | 6     | 26  | 23   | 23     | 24     | 0.3       | 3       | 1.78  | 95.1      | 21.6828 | 33.9879 |
| 2009 | 6     | 26  | 23   | 33     | 24     | 0.3       | 3       | 1.8   | 94.3      | 21.6828 | 34.3693 |
| 2009 | 6     | 26  | 23   | 43     | 24     | 0.3       | 3       | 1.79  | 94.7      | 21.6828 | 34.2421 |
| 2009 | 6     | 26  | 23   | 53     | 24     | 0.3       | 3       | 1.74  | 94.4      | 21.6828 | 33.2253 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 27  | 0    | 3      | 24     | 0.3       | 3       | 1.79  | 94        | 21.6828 | 34.115  |
| 2009 | 6     | 27  | 0    | 13     | 24     | 0.3       | 3       | 1.83  | 94.4      | 21.6828 | 34.9414 |
| 2009 | 6     | 27  | 0    | 23     | 24     | 0.3       | 3       | 1.78  | 93.6      | 21.6828 | 33.9879 |
| 2009 | 6     | 27  | 0    | 33     | 24     | 0.3       | 3       | 1.8   | 94.3      | 21.6828 | 34.3057 |
| 2009 | 6     | 27  | 0    | 43     | 24     | 0.3       | 3       | 1.81  | 94.3      | 21.7089 | 34.5389 |
| 2009 | 6     | 27  | 0    | 53     | 24     | 0.3       | 3       | 1.75  | 94.1      | 21.7089 | 33.4571 |
| 2009 | 6     | 27  | 1    | 3      | 24     | 0.3       | 3       | 1.79  | 96.1      | 21.7089 | 34.2207 |
| 2009 | 6     | 27  | 1    | 13     | 24     | 0.3       | 3       | 1.81  | 94.6      | 21.7089 | 34.5389 |
| 2009 | 6     | 27  | 1    | 23     | 24     | 0.3       | 3       | 1.8   | 94.4      | 21.7089 | 34.348  |
| 2009 | 6     | 27  | 1    | 33     | 24     | 0.3       | 3       | 1.77  | 93.8      | 21.7089 | 33.9025 |
| 2009 | 6     | 27  | 1    | 43     | 24     | 0.3       | 3       | 1.79  | 95.7      | 21.7089 | 34.2207 |
| 2009 | 6     | 27  | 1    | 53     | 24     | 0.3       | 3       | 1.81  | 95.5      | 21.7089 | 34.4753 |
| 2009 | 6     | 27  | 2    | 3      | 24     | 0.3       | 3       | 1.75  | 93.3      | 21.7089 | 33.5843 |
| 2009 | 6     | 27  | 2    | 13     | 24     | 0.3       | 3       | 1.75  | 94.1      | 21.7089 | 33.5207 |
| 2009 | 6     | 27  | 2    | 23     | 24     | 0.3       | 3       | 1.78  | 93.9      | 21.7089 | 34.0298 |
| 2009 | 6     | 27  | 2    | 33     | 24     | 0.3       | 3       | 1.79  | 93.5      | 21.7089 | 34.2843 |
| 2009 | 6     | 27  | 2    | 43     | 24     | 0.3       | 3       | 1.78  | 94.6      | 21.7089 | 33.9661 |
| 2009 | 6     | 27  | 2    | 53     | 24     | 0.3       | 3       | 1.76  | 94.9      | 21.7089 | 33.5843 |
| 2009 | 6     | 27  | 3    | 3      | 24     | 0.3       | 3       | 1.77  | 95        | 21.735  | 33.8805 |
| 2009 | 6     | 27  | 3    | 13     | 24     | 0.3       | 3       | 1.8   | 94.6      | 21.735  | 34.5177 |
| 2009 | 6     | 27  | 3    | 23     | 24     | 0.3       | 3       | 1.76  | 94.4      | 21.735  | 33.6257 |
| 2009 | 6     | 27  | 3    | 33     | 24     | 0.3       | 3       | 1.79  | 94.1      | 21.735  | 34.2628 |
| 2009 | 6     | 27  | 3    | 43     | 24     | 0.3       | 3       | 1.75  | 92.3      | 21.735  | 33.6257 |
| 2009 | 6     | 27  | 3    | 53     | 24     | 0.3       | 3       | 1.78  | 94.1      | 21.7611 | 34.0498 |
| 2009 | 6     | 27  | 4    | 3      | 24     | 0.3       | 3       | 1.81  | 94.4      | 21.7611 | 34.624  |
| 2009 | 6     | 27  | 4    | 13     | 24     | 0.3       | 3       | 1.77  | 93.6      | 21.7611 | 33.9222 |
| 2009 | 6     | 27  | 4    | 23     | 24     | 0.3       | 3       | 1.78  | 93.7      | 21.7872 | 34.0916 |
| 2009 | 6     | 27  | 4    | 33     | 24     | 0.3       | 3       | 1.77  | 94.9      | 21.8133 | 33.9416 |
| 2009 | 6     | 27  | 4    | 43     | 24     | 0.3       | 3       | 1.78  | 95        | 21.8394 | 34.3034 |
| 2009 | 6     | 27  | 4    | 53     | 24     | 0.3       | 3       | 1.83  | 94.8      | 21.8394 | 35.1359 |
| 2009 | 6     | 27  | 5    | 3      | 24     | 0.3       | 3       | 1.77  | 95        | 21.8394 | 34.0472 |
| 2009 | 6     | 27  | 5    | 13     | 24     | 0.3       | 3       | 1.77  | 95.7      | 21.8655 | 34.0248 |
| 2009 | 6     | 27  | 5    | 23     | 24     | 0.3       | 3       | 1.8   | 94.1      | 21.8655 | 34.6659 |
| 2009 | 6     | 27  | 5    | 33     | 24     | 0.3       | 3       | 1.82  | 94.6      | 21.8655 | 34.9865 |
| 2009 | 6     | 27  | 5    | 43     | 24     | 0.3       | 3       | 1.79  | 92.5      | 21.8916 | 34.6441 |
| 2009 | 6     | 27  | 5    | 53     | 24     | 0.3       | 3       | 1.8   | 94.5      | 21.8916 | 34.7083 |
| 2009 | 6     | 27  | 6    | 3      | 24     | 0.3       | 3       | 1.77  | 92.7      | 21.8916 | 34.1306 |
| 2009 | 6     | 27  | 6    | 13     | 24     | 0.3       | 3       | 1.76  | 93.2      | 21.9177 | 34.0438 |
| 2009 | 6     | 27  | 6    | 23     | 24     | 0.3       | 3       | 1.8   | 93.6      | 21.9177 | 34.815  |
| 2009 | 6     | 27  | 6    | 33     | 24     | 0.3       | 3       | 1.78  | 93.9      | 21.9177 | 34.4294 |
| 2009 | 6     | 27  | 6    | 43     | 24     | 0.3       | 3       | 1.78  | 97.1      | 21.9177 | 34.2366 |
| 2009 | 6     | 27  | 6    | 53     | 24     | 0.3       | 3       | 1.8   | 94.7      | 21.9177 | 34.6865 |
| 2009 | 6     | 27  | 7    | 3      | 24     | 0.3       | 3       | 1.79  | 94.4      | 21.9177 | 34.6222 |
| 2009 | 6     | 27  | 7    | 13     | 24     | 0.3       | 3       | 1.79  | 95.3      | 21.9177 | 34.5579 |
| 2009 | 6     | 27  | 7    | 23     | 24     | 0.3       | 3       | 1.75  | 96.2      | 21.9177 | 33.6583 |
| 2009 | 6     | 27  | 7    | 33     | 24     | 0.3       | 3       | 1.72  | 94.5      | 21.9177 | 33.2728 |
| 2009 | 6     | 27  | 7    | 43     | 24     | 0.3       | 3       | 1.78  | 95.5      | 21.9177 | 34.2366 |
| 2009 | 6     | 27  | 7    | 53     | 24     | 0.3       | 3       | 1.77  | 94.9      | 21.9438 | 34.2783 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 27  | 8    | 3      | 24     | 0.3       | 3       | 1.76  | 94.6      | 21.9438 | 33.9566 |
| 2009 | 6     | 27  | 8    | 13     | 24     | 0.3       | 3       | 1.79  | 94.2      | 21.9438 | 34.6    |
| 2009 | 6     | 27  | 8    | 23     | 24     | 0.3       | 3       | 1.77  | 95.3      | 21.9438 | 34.1496 |
| 2009 | 6     | 27  | 8    | 33     | 24     | 0.3       | 3       | 1.8   | 95.1      | 21.9438 | 34.6643 |
| 2009 | 6     | 27  | 8    | 43     | 24     | 0.3       | 3       | 1.78  | 95.6      | 21.9438 | 34.3426 |
| 2009 | 6     | 27  | 8    | 53     | 24     | 0.3       | 3       | 1.78  | 93.8      | 21.9438 | 34.4713 |
| 2009 | 6     | 27  | 9    | 3      | 24     | 0.3       | 3       | 1.75  | 93.3      | 21.9438 | 33.8279 |
| 2009 | 6     | 27  | 9    | 13     | 24     | 0.3       | 3       | 1.78  | 94.4      | 21.9699 | 34.4484 |
| 2009 | 6     | 27  | 9    | 23     | 24     | 0.3       | 3       | 1.78  | 96.4      | 21.9699 | 34.3196 |
| 2009 | 6     | 27  | 9    | 33     | 24     | 0.3       | 3       | 1.76  | 93.3      | 21.9699 | 34.0619 |
| 2009 | 6     | 27  | 9    | 43     | 24     | 0.3       | 3       | 1.75  | 94        | 21.9699 | 33.9331 |
| 2009 | 6     | 27  | 9    | 53     | 24     | 0.3       | 3       | 1.75  | 94        | 21.9699 | 33.8043 |
| 2009 | 6     | 27  | 10   | 3      | 24     | 0.3       | 3       | 1.78  | 94.9      | 21.9699 | 34.5128 |
| 2009 | 6     | 27  | 10   | 13     | 24     | 0.3       | 3       | 1.78  | 96.4      | 21.9699 | 34.2552 |
| 2009 | 6     | 27  | 10   | 23     | 24     | 0.3       | 3       | 1.79  | 96.6      | 21.9961 | 34.4899 |
| 2009 | 6     | 27  | 10   | 33     | 24     | 0.3       | 3       | 1.8   | 96.3      | 21.9961 | 34.8124 |
| 2009 | 6     | 27  | 10   | 43     | 24     | 0.3       | 3       | 1.8   | 94.1      | 21.9961 | 34.8124 |
| 2009 | 6     | 27  | 10   | 53     | 24     | 0.3       | 3       | 1.8   | 95.6      | 21.9961 | 34.8769 |
| 2009 | 6     | 27  | 11   | 3      | 24     | 0.3       | 3       | 1.82  | 94.7      | 21.9961 | 35.1994 |
| 2009 | 6     | 27  | 11   | 13     | 24     | 0.3       | 3       | 1.79  | 96.1      | 21.9961 | 34.6189 |
| 2009 | 6     | 27  | 11   | 23     | 24     | 0.3       | 3       | 1.75  | 96        | 22.0222 | 33.7565 |
| 2009 | 6     | 27  | 11   | 33     | 24     | 0.3       | 3       | 1.78  | 96.3      | 22.0222 | 34.3376 |
| 2009 | 6     | 27  | 11   | 43     | 24     | 0.3       | 3       | 1.77  | 94.6      | 22.0483 | 34.4435 |
| 2009 | 6     | 27  | 11   | 53     | 24     | 0.3       | 3       | 1.79  | 93.9      | 22.0483 | 34.8314 |
| 2009 | 6     | 27  | 12   | 3      | 24     | 0.3       | 3       | 1.81  | 96.2      | 22.0483 | 34.9608 |
| 2009 | 6     | 27  | 12   | 13     | 24     | 0.3       | 3       | 1.77  | 95        | 22.0483 | 34.2496 |
| 2009 | 6     | 27  | 12   | 23     | 24     | 0.3       | 3       | 1.75  | 95.1      | 22.0744 | 33.967  |
| 2009 | 6     | 27  | 12   | 33     | 24     | 0.3       | 3       | 1.75  | 94.6      | 22.0744 | 34.0318 |
| 2009 | 6     | 27  | 12   | 43     | 24     | 0.3       | 3       | 1.79  | 94.8      | 22.0744 | 34.8085 |
| 2009 | 6     | 27  | 12   | 53     | 24     | 0.3       | 3       | 1.79  | 95.1      | 22.0744 | 34.8085 |
| 2009 | 6     | 27  | 13   | 3      | 24     | 0.3       | 3       | 1.79  | 95.3      | 22.1006 | 34.8502 |
| 2009 | 6     | 27  | 13   | 13     | 24     | 0.3       | 3       | 1.77  | 95.6      | 22.1006 | 34.3317 |
| 2009 | 6     | 27  | 13   | 23     | 24     | 0.3       | 3       | 1.79  | 96.6      | 22.1006 | 34.7854 |
| 2009 | 6     | 27  | 13   | 33     | 24     | 0.3       | 3       | 1.82  | 95.6      | 22.1006 | 35.3039 |
| 2009 | 6     | 27  | 13   | 43     | 24     | 0.3       | 3       | 1.78  | 95.2      | 22.0744 | 34.6143 |
| 2009 | 6     | 27  | 13   | 53     | 24     | 0.3       | 3       | 1.76  | 94.3      | 22.1267 | 34.2431 |
| 2009 | 6     | 27  | 14   | 3      | 24     | 0.3       | 3       | 1.74  | 94.5      | 22.1267 | 33.8538 |
| 2009 | 6     | 27  | 14   | 13     | 24     | 0.3       | 3       | 1.77  | 93.7      | 22.1528 | 34.4789 |
| 2009 | 6     | 27  | 14   | 23     | 24     | 0.3       | 3       | 1.82  | 94.1      | 22.1528 | 35.5184 |
| 2009 | 6     | 27  | 14   | 33     | 24     | 0.3       | 3       | 1.76  | 94.5      | 22.1528 | 34.4139 |
| 2009 | 6     | 27  | 14   | 43     | 24     | 0.3       | 3       | 1.77  | 97        | 22.179  | 34.455  |
| 2009 | 6     | 27  | 14   | 53     | 24     | 0.3       | 3       | 1.78  | 95.3      | 22.1528 | 34.6738 |
| 2009 | 6     | 27  | 15   | 3      | 24     | 0.3       | 3       | 1.8   | 96.3      | 22.1528 | 34.9336 |
| 2009 | 6     | 27  | 15   | 13     | 24     | 0.3       | 3       | 1.82  | 95.2      | 22.1528 | 35.5834 |
| 2009 | 6     | 27  | 15   | 23     | 24     | 0.3       | 3       | 1.81  | 95.8      | 22.179  | 35.3656 |
| 2009 | 6     | 27  | 15   | 33     | 24     | 0.3       | 3       | 1.77  | 95.5      | 22.179  | 34.5201 |
| 2009 | 6     | 27  | 15   | 43     | 24     | 0.3       | 3       | 1.79  | 91.8      | 22.2051 | 35.0171 |
| 2009 | 6     | 27  | 15   | 53     | 24     | 0.3       | 3       | 1.82  | 94.8      | 22.2051 | 35.6032 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 27  | 16   | 3      | 24     | 0.3       | 3       | 1.8   | 94.2      | 22.2051 | 35.1473 |
| 2009 | 6     | 27  | 16   | 13     | 24     | 0.3       | 3       | 1.79  | 96        | 22.2051 | 34.8868 |
| 2009 | 6     | 27  | 16   | 23     | 24     | 0.3       | 3       | 1.75  | 95.7      | 22.2051 | 34.1055 |
| 2009 | 6     | 27  | 16   | 33     | 24     | 0.3       | 3       | 1.81  | 93.6      | 22.2051 | 35.4729 |
| 2009 | 6     | 27  | 16   | 43     | 24     | 0.3       | 3       | 1.77  | 96.6      | 22.2051 | 34.431  |
| 2009 | 6     | 27  | 16   | 53     | 24     | 0.3       | 3       | 1.78  | 95        | 22.2312 | 34.798  |
| 2009 | 6     | 27  | 17   | 3      | 24     | 0.3       | 3       | 1.8   | 95.6      | 22.2312 | 35.1892 |
| 2009 | 6     | 27  | 17   | 13     | 24     | 0.3       | 3       | 1.78  | 94.6      | 22.2312 | 34.798  |
| 2009 | 6     | 27  | 17   | 23     | 24     | 0.3       | 3       | 1.77  | 96.1      | 22.2312 | 34.6024 |
| 2009 | 6     | 27  | 17   | 33     | 24     | 0.3       | 3       | 1.78  | 94.6      | 22.2574 | 34.9047 |
| 2009 | 6     | 27  | 17   | 43     | 24     | 0.3       | 3       | 1.81  | 95.4      | 22.2574 | 35.3616 |
| 2009 | 6     | 27  | 17   | 53     | 24     | 0.3       | 3       | 1.77  | 94.7      | 22.2574 | 34.7742 |
| 2009 | 6     | 27  | 18   | 3      | 24     | 0.3       | 3       | 1.82  | 96.8      | 22.2574 | 35.5575 |
| 2009 | 6     | 27  | 18   | 13     | 24     | 0.3       | 3       | 1.76  | 95.6      | 22.2574 | 34.5131 |
| 2009 | 6     | 27  | 18   | 23     | 24     | 0.3       | 3       | 1.78  | 94.4      | 22.2574 | 34.97   |
| 2009 | 6     | 27  | 18   | 33     | 24     | 0.3       | 3       | 1.8   | 94.6      | 22.2835 | 35.3383 |
| 2009 | 6     | 27  | 18   | 43     | 24     | 0.3       | 3       | 1.78  | 95.6      | 22.2835 | 34.8809 |
| 2009 | 6     | 27  | 18   | 53     | 24     | 0.3       | 3       | 1.79  | 94.7      | 22.2835 | 35.2076 |
| 2009 | 6     | 27  | 19   | 3      | 24     | 0.3       | 3       | 1.79  | 94.2      | 22.2835 | 35.0769 |
| 2009 | 6     | 27  | 19   | 13     | 24     | 0.3       | 3       | 1.79  | 96        | 22.2835 | 35.0116 |
| 2009 | 6     | 27  | 19   | 23     | 24     | 0.3       | 3       | 1.79  | 93.7      | 22.2835 | 35.0769 |
| 2009 | 6     | 27  | 19   | 33     | 24     | 0.3       | 3       | 1.83  | 93.8      | 22.3097 | 36.0347 |
| 2009 | 6     | 27  | 19   | 43     | 24     | 0.3       | 3       | 1.79  | 94.5      | 22.3097 | 35.1186 |
| 2009 | 6     | 27  | 19   | 53     | 24     | 0.3       | 3       | 1.82  | 94        | 22.3097 | 35.8384 |
| 2009 | 6     | 27  | 20   | 3      | 24     | 0.3       | 3       | 1.8   | 95.2      | 22.3097 | 35.2494 |
| 2009 | 6     | 27  | 20   | 13     | 24     | 0.3       | 3       | 1.75  | 95.4      | 22.3097 | 34.3335 |
| 2009 | 6     | 27  | 20   | 23     | 24     | 0.3       | 3       | 1.8   | 94        | 22.3097 | 35.4457 |
| 2009 | 6     | 27  | 20   | 33     | 24     | 0.3       | 3       | 1.8   | 94.2      | 22.3097 | 35.3149 |
| 2009 | 6     | 27  | 20   | 43     | 24     | 0.3       | 3       | 1.81  | 95.1      | 22.3358 | 35.5533 |
| 2009 | 6     | 27  | 20   | 53     | 24     | 0.3       | 3       | 1.75  | 94.3      | 22.3358 | 34.4397 |
| 2009 | 6     | 27  | 21   | 3      | 24     | 0.3       | 3       | 1.75  | 93.9      | 22.3358 | 34.3742 |
| 2009 | 6     | 27  | 21   | 13     | 24     | 0.3       | 3       | 1.79  | 94.7      | 22.3358 | 35.2257 |
| 2009 | 6     | 27  | 21   | 23     | 24     | 0.3       | 3       | 1.79  | 94.9      | 22.3358 | 35.1602 |
| 2009 | 6     | 27  | 21   | 33     | 24     | 0.3       | 3       | 1.78  | 95.7      | 22.3358 | 34.8982 |
| 2009 | 6     | 27  | 21   | 43     | 24     | 0.3       | 3       | 1.81  | 93.8      | 22.3358 | 35.6843 |
| 2009 | 6     | 27  | 21   | 53     | 24     | 0.3       | 3       | 1.76  | 93.2      | 22.3358 | 34.6362 |
| 2009 | 6     | 27  | 22   | 3      | 24     | 0.3       | 3       | 1.77  | 96        | 22.3619 | 34.7428 |
| 2009 | 6     | 27  | 22   | 13     | 24     | 0.3       | 3       | 1.78  | 97.2      | 22.3358 | 34.8327 |
| 2009 | 6     | 27  | 22   | 23     | 24     | 0.3       | 3       | 1.77  | 95.6      | 22.3358 | 34.7017 |
| 2009 | 6     | 27  | 22   | 33     | 24     | 0.3       | 3       | 1.81  | 95.5      | 22.3619 | 35.5299 |
| 2009 | 6     | 27  | 22   | 43     | 24     | 0.3       | 3       | 1.75  | 93.8      | 22.3619 | 34.4805 |
| 2009 | 6     | 27  | 22   | 53     | 24     | 0.3       | 3       | 1.76  | 95.4      | 22.3619 | 34.5461 |
| 2009 | 6     | 27  | 23   | 3      | 24     | 0.3       | 3       | 1.8   | 94.5      | 22.3619 | 35.3987 |
| 2009 | 6     | 27  | 23   | 13     | 24     | 0.3       | 3       | 1.76  | 92.2      | 22.3619 | 34.7428 |
| 2009 | 6     | 27  | 23   | 23     | 24     | 0.3       | 3       | 1.77  | 93.5      | 22.3619 | 34.874  |
| 2009 | 6     | 27  | 23   | 33     | 24     | 0.3       | 3       | 1.81  | 95        | 22.3619 | 35.7267 |
| 2009 | 6     | 27  | 23   | 43     | 24     | 0.3       | 3       | 1.77  | 94.8      | 22.3619 | 34.874  |
| 2009 | 6     | 27  | 23   | 53     | 24     | 0.3       | 3       | 1.75  | 94.8      | 22.3619 | 34.5461 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 28  | 0    | 3      | 24     | 0.3       | 3       | 1.83  | 94.7      | 22.3619 | 36.0546 |
| 2009 | 6     | 28  | 0    | 13     | 24     | 0.3       | 3       | 1.79  | 93.5      | 22.3619 | 35.2675 |
| 2009 | 6     | 28  | 0    | 23     | 24     | 0.3       | 3       | 1.79  | 93.7      | 22.3619 | 35.2019 |
| 2009 | 6     | 28  | 0    | 33     | 24     | 0.3       | 3       | 1.77  | 94.7      | 22.3619 | 34.9396 |
| 2009 | 6     | 28  | 0    | 43     | 24     | 0.3       | 3       | 1.73  | 93.8      | 22.3619 | 34.1527 |
| 2009 | 6     | 28  | 0    | 53     | 24     | 0.3       | 3       | 1.77  | 94.7      | 22.3619 | 34.9396 |
| 2009 | 6     | 28  | 1    | 3      | 24     | 0.3       | 3       | 1.79  | 94.2      | 22.3619 | 35.2675 |
| 2009 | 6     | 28  | 1    | 13     | 24     | 0.3       | 3       | 1.79  | 92.8      | 22.3619 | 35.3331 |
| 2009 | 6     | 28  | 1    | 23     | 24     | 0.3       | 3       | 1.78  | 95        | 22.3881 | 34.9809 |
| 2009 | 6     | 28  | 1    | 33     | 24     | 0.3       | 3       | 1.84  | 93.1      | 22.3881 | 36.4257 |
| 2009 | 6     | 28  | 1    | 43     | 24     | 0.3       | 3       | 1.79  | 94.5      | 22.3881 | 35.3092 |
| 2009 | 6     | 28  | 1    | 53     | 24     | 0.3       | 3       | 1.77  | 94        | 22.3881 | 34.8496 |
| 2009 | 6     | 28  | 2    | 3      | 24     | 0.3       | 3       | 1.76  | 94.5      | 22.3881 | 34.784  |
| 2009 | 6     | 28  | 2    | 13     | 24     | 0.3       | 3       | 1.77  | 93.2      | 22.3881 | 34.9153 |
| 2009 | 6     | 28  | 2    | 23     | 24     | 0.3       | 3       | 1.78  | 94.5      | 22.3881 | 35.1123 |
| 2009 | 6     | 28  | 2    | 33     | 24     | 0.3       | 3       | 1.78  | 95        | 22.3881 | 35.0466 |
| 2009 | 6     | 28  | 2    | 43     | 24     | 0.3       | 3       | 1.8   | 95.3      | 22.3881 | 35.3749 |
| 2009 | 6     | 28  | 2    | 53     | 24     | 0.3       | 3       | 1.8   | 93.4      | 22.3881 | 35.6376 |
| 2009 | 6     | 28  | 3    | 3      | 24     | 0.3       | 3       | 1.77  | 93.4      | 22.3881 | 35.0466 |
| 2009 | 6     | 28  | 3    | 13     | 24     | 0.3       | 3       | 1.8   | 93.7      | 22.3881 | 35.5063 |
| 2009 | 6     | 28  | 3    | 23     | 24     | 0.3       | 3       | 1.78  | 92.5      | 22.3881 | 35.1123 |
| 2009 | 6     | 28  | 3    | 33     | 24     | 0.3       | 3       | 1.78  | 96.6      | 22.3881 | 34.9153 |
| 2009 | 6     | 28  | 3    | 43     | 24     | 0.3       | 3       | 1.8   | 94.7      | 22.4142 | 35.4825 |
| 2009 | 6     | 28  | 3    | 53     | 24     | 0.3       | 3       | 1.78  | 93.4      | 22.4142 | 35.2195 |
| 2009 | 6     | 28  | 4    | 3      | 24     | 0.3       | 3       | 1.82  | 93.4      | 22.4142 | 36.0743 |
| 2009 | 6     | 28  | 4    | 13     | 24     | 0.3       | 3       | 1.77  | 92.9      | 22.4142 | 35.088  |
| 2009 | 6     | 28  | 4    | 23     | 24     | 0.3       | 3       | 1.78  | 94.6      | 22.4404 | 35.1953 |
| 2009 | 6     | 28  | 4    | 33     | 24     | 0.3       | 3       | 1.77  | 93.3      | 22.4404 | 35.1295 |
| 2009 | 6     | 28  | 4    | 43     | 24     | 0.3       | 3       | 1.8   | 92.8      | 22.4404 | 35.6561 |
| 2009 | 6     | 28  | 4    | 53     | 24     | 0.3       | 3       | 1.81  | 95.3      | 22.4404 | 35.7219 |
| 2009 | 6     | 28  | 5    | 3      | 24     | 0.3       | 3       | 1.77  | 94.2      | 22.4666 | 34.9733 |
| 2009 | 6     | 28  | 5    | 13     | 24     | 0.3       | 3       | 1.74  | 96.4      | 22.4666 | 34.3145 |
| 2009 | 6     | 28  | 5    | 23     | 24     | 0.3       | 3       | 1.79  | 94.1      | 22.4927 | 35.4103 |
| 2009 | 6     | 28  | 5    | 33     | 24     | 0.3       | 3       | 1.77  | 93.9      | 22.4927 | 35.1464 |
| 2009 | 6     | 28  | 5    | 43     | 24     | 0.3       | 3       | 1.78  | 93.2      | 22.4927 | 35.3443 |
| 2009 | 6     | 28  | 5    | 53     | 24     | 0.3       | 3       | 1.78  | 95        | 22.4927 | 35.3443 |
| 2009 | 6     | 28  | 6    | 3      | 24     | 0.3       | 3       | 1.78  | 95        | 22.5189 | 35.1878 |
| 2009 | 6     | 28  | 6    | 13     | 24     | 0.3       | 3       | 1.8   | 94.6      | 22.5189 | 35.6502 |
| 2009 | 6     | 28  | 6    | 23     | 24     | 0.3       | 3       | 1.79  | 96.1      | 22.5189 | 35.452  |
| 2009 | 6     | 28  | 6    | 33     | 24     | 0.3       | 3       | 1.77  | 95.5      | 22.5189 | 35.1218 |
| 2009 | 6     | 28  | 6    | 43     | 24     | 0.3       | 3       | 1.75  | 94.4      | 22.5189 | 34.7916 |
| 2009 | 6     | 28  | 6    | 53     | 24     | 0.3       | 3       | 1.76  | 95.9      | 22.5189 | 34.7916 |
| 2009 | 6     | 28  | 7    | 3      | 24     | 0.3       | 3       | 1.82  | 95.4      | 22.5189 | 36.1126 |
| 2009 | 6     | 28  | 7    | 13     | 24     | 0.3       | 3       | 1.78  | 95.9      | 22.5189 | 35.2539 |
| 2009 | 6     | 28  | 7    | 23     | 24     | 0.3       | 3       | 1.76  | 96.4      | 22.5189 | 34.7916 |
| 2009 | 6     | 28  | 7    | 33     | 24     | 0.3       | 3       | 1.8   | 94.8      | 22.5189 | 35.7823 |
| 2009 | 6     | 28  | 7    | 43     | 24     | 0.3       | 3       | 1.77  | 95.8      | 22.5189 | 34.9897 |
| 2009 | 6     | 28  | 7    | 53     | 24     | 0.3       | 3       | 1.81  | 95.1      | 22.5189 | 35.9144 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 28  | 8    | 3      | 24     | 0.3       | 3       | 1.8   | 95.1      | 22.5189 | 35.6502 |
| 2009 | 6     | 28  | 8    | 13     | 24     | 0.3       | 3       | 1.78  | 96.6      | 22.545  | 35.1631 |
| 2009 | 6     | 28  | 8    | 23     | 24     | 0.3       | 3       | 1.79  | 95.3      | 22.545  | 35.5598 |
| 2009 | 6     | 28  | 8    | 33     | 24     | 0.3       | 3       | 1.72  | 94.4      | 22.5189 | 34.1313 |
| 2009 | 6     | 28  | 8    | 43     | 24     | 0.3       | 3       | 1.78  | 94.1      | 22.545  | 35.4276 |
| 2009 | 6     | 28  | 8    | 53     | 24     | 0.3       | 3       | 1.76  | 95        | 22.5189 | 34.8576 |
| 2009 | 6     | 28  | 9    | 3      | 24     | 0.3       | 3       | 1.76  | 94.3      | 22.545  | 34.8986 |
| 2009 | 6     | 28  | 9    | 13     | 24     | 0.3       | 3       | 1.79  | 94.8      | 22.545  | 35.4937 |
| 2009 | 6     | 28  | 9    | 23     | 24     | 0.3       | 3       | 1.75  | 94.5      | 22.545  | 34.7003 |
| 2009 | 6     | 28  | 9    | 33     | 24     | 0.3       | 3       | 1.77  | 95.7      | 22.545  | 35.097  |
| 2009 | 6     | 28  | 9    | 43     | 24     | 0.3       | 3       | 1.77  | 95.6      | 22.545  | 35.1631 |
| 2009 | 6     | 28  | 9    | 53     | 24     | 0.3       | 3       | 1.8   | 95        | 22.545  | 35.6921 |
| 2009 | 6     | 28  | 10   | 3      | 24     | 0.3       | 3       | 1.79  | 95.7      | 22.545  | 35.4276 |
| 2009 | 6     | 28  | 10   | 13     | 24     | 0.3       | 3       | 1.81  | 93.7      | 22.545  | 36.0889 |
| 2009 | 6     | 28  | 10   | 23     | 24     | 0.3       | 3       | 1.73  | 93.5      | 22.545  | 34.4358 |
| 2009 | 6     | 28  | 10   | 33     | 24     | 0.3       | 3       | 1.79  | 94.9      | 22.545  | 35.4937 |
| 2009 | 6     | 28  | 10   | 43     | 24     | 0.3       | 3       | 1.79  | 96.3      | 22.545  | 35.4937 |
| 2009 | 6     | 28  | 10   | 53     | 24     | 0.3       | 3       | 1.78  | 95.1      | 22.545  | 35.2292 |
| 2009 | 6     | 28  | 11   | 3      | 24     | 0.3       | 3       | 1.75  | 93.2      | 22.545  | 34.8325 |
| 2009 | 6     | 28  | 11   | 13     | 24     | 0.3       | 3       | 1.79  | 95.1      | 22.545  | 35.4276 |
| 2009 | 6     | 28  | 11   | 23     | 24     | 0.3       | 3       | 1.81  | 96.4      | 22.545  | 35.8905 |
| 2009 | 6     | 28  | 11   | 33     | 24     | 0.3       | 3       | 1.74  | 94.1      | 22.545  | 34.6341 |
| 2009 | 6     | 28  | 11   | 43     | 24     | 0.3       | 3       | 1.76  | 96.1      | 22.545  | 34.8325 |
| 2009 | 6     | 28  | 11   | 53     | 24     | 0.3       | 3       | 1.8   | 95.2      | 22.545  | 35.6921 |
| 2009 | 6     | 28  | 12   | 3      | 24     | 0.3       | 3       | 1.76  | 96.4      | 22.545  | 34.8325 |
| 2009 | 6     | 28  | 12   | 13     | 24     | 0.3       | 3       | 1.78  | 95.3      | 22.545  | 35.2292 |
| 2009 | 6     | 28  | 12   | 23     | 24     | 0.3       | 3       | 1.77  | 93.6      | 22.545  | 35.1631 |
| 2009 | 6     | 28  | 12   | 33     | 24     | 0.3       | 3       | 1.82  | 94.4      | 22.545  | 36.1551 |
| 2009 | 6     | 28  | 12   | 43     | 24     | 0.3       | 3       | 1.77  | 93.9      | 22.545  | 35.1631 |
| 2009 | 6     | 28  | 12   | 53     | 24     | 0.3       | 3       | 1.81  | 94.8      | 22.545  | 36.0228 |
| 2009 | 6     | 28  | 13   | 3      | 24     | 0.3       | 3       | 1.74  | 94.8      | 22.545  | 34.5019 |
| 2009 | 6     | 28  | 13   | 13     | 24     | 0.3       | 3       | 1.75  | 94.9      | 22.545  | 34.6341 |
| 2009 | 6     | 28  | 13   | 23     | 24     | 0.3       | 3       | 1.77  | 93.8      | 22.545  | 35.1631 |
| 2009 | 6     | 28  | 13   | 33     | 24     | 0.3       | 3       | 1.78  | 94.2      | 22.545  | 35.2953 |
| 2009 | 6     | 28  | 13   | 43     | 24     | 0.3       | 3       | 1.74  | 93.7      | 22.545  | 34.6341 |
| 2009 | 6     | 28  | 13   | 53     | 24     | 0.3       | 3       | 1.74  | 93.7      | 22.545  | 34.6341 |
| 2009 | 6     | 28  | 14   | 3      | 24     | 0.3       | 3       | 1.77  | 94.3      | 22.545  | 35.097  |
| 2009 | 6     | 28  | 14   | 13     | 24     | 0.3       | 3       | 1.77  | 94.5      | 22.545  | 35.2292 |
| 2009 | 6     | 28  | 14   | 23     | 24     | 0.3       | 3       | 1.75  | 92.8      | 22.545  | 34.8986 |
| 2009 | 6     | 28  | 14   | 33     | 24     | 0.3       | 3       | 1.78  | 94.3      | 22.545  | 35.2953 |
| 2009 | 6     | 28  | 14   | 43     | 24     | 0.3       | 3       | 1.8   | 93.8      | 22.545  | 35.7582 |
| 2009 | 6     | 28  | 14   | 53     | 24     | 0.3       | 3       | 1.76  | 93.6      | 22.5712 | 35.072  |
| 2009 | 6     | 28  | 15   | 3      | 24     | 0.3       | 3       | 1.77  | 94.3      | 22.545  | 35.2292 |
| 2009 | 6     | 28  | 15   | 13     | 24     | 0.3       | 3       | 1.77  | 95.2      | 22.545  | 35.097  |
| 2009 | 6     | 28  | 15   | 23     | 24     | 0.3       | 3       | 1.78  | 92.2      | 22.545  | 35.3615 |
| 2009 | 6     | 28  | 15   | 33     | 24     | 0.3       | 3       | 1.75  | 93.3      | 22.545  | 34.8986 |
| 2009 | 6     | 28  | 15   | 43     | 24     | 0.3       | 3       | 1.79  | 92.9      | 22.5712 | 35.6678 |
| 2009 | 6     | 28  | 15   | 53     | 24     | 0.3       | 3       | 1.75  | 94.5      | 22.545  | 34.7664 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 28  | 16   | 3      | 24     | 0.3       | 3       | 1.77  | 95.6      | 22.545  | 35.097  |
| 2009 | 6     | 28  | 16   | 13     | 24     | 0.3       | 3       | 1.75  | 94.1      | 22.545  | 34.8325 |
| 2009 | 6     | 28  | 16   | 23     | 24     | 0.3       | 3       | 1.76  | 92.9      | 22.5712 | 35.072  |
| 2009 | 6     | 28  | 16   | 33     | 24     | 0.3       | 3       | 1.8   | 95.4      | 22.545  | 35.6921 |
| 2009 | 6     | 28  | 16   | 43     | 24     | 0.3       | 3       | 1.77  | 93.4      | 22.545  | 35.2953 |
| 2009 | 6     | 28  | 16   | 53     | 24     | 0.3       | 3       | 1.75  | 93.1      | 22.5712 | 34.9396 |
| 2009 | 6     | 28  | 17   | 3      | 24     | 0.3       | 3       | 1.73  | 92.4      | 22.5712 | 34.5425 |
| 2009 | 6     | 28  | 17   | 13     | 24     | 0.3       | 3       | 1.77  | 94.5      | 22.545  | 35.097  |
| 2009 | 6     | 28  | 17   | 23     | 24     | 0.3       | 3       | 1.78  | 93.9      | 22.545  | 35.2953 |
| 2009 | 6     | 28  | 17   | 33     | 24     | 0.3       | 3       | 1.76  | 94.8      | 22.5712 | 34.9396 |
| 2009 | 6     | 28  | 17   | 43     | 24     | 0.3       | 3       | 1.74  | 93        | 22.5712 | 34.6748 |
| 2009 | 6     | 28  | 17   | 53     | 24     | 0.3       | 3       | 1.77  | 92.9      | 22.545  | 35.2292 |
| 2009 | 6     | 28  | 18   | 3      | 24     | 0.3       | 3       | 1.77  | 93.6      | 22.5712 | 35.2044 |
| 2009 | 6     | 28  | 18   | 13     | 24     | 0.3       | 3       | 1.79  | 94.2      | 22.5712 | 35.6016 |
| 2009 | 6     | 28  | 18   | 23     | 24     | 0.3       | 3       | 1.73  | 92.7      | 22.5712 | 34.4763 |
| 2009 | 6     | 28  | 18   | 33     | 24     | 0.3       | 3       | 1.75  | 93.8      | 22.5712 | 34.741  |
| 2009 | 6     | 28  | 18   | 43     | 24     | 0.3       | 3       | 1.75  | 91.8      | 22.5712 | 34.8734 |
| 2009 | 6     | 28  | 18   | 53     | 24     | 0.3       | 3       | 1.77  | 96.1      | 22.5712 | 35.1382 |
| 2009 | 6     | 28  | 19   | 3      | 24     | 0.3       | 3       | 1.74  | 92.6      | 22.5712 | 34.741  |
| 2009 | 6     | 28  | 19   | 13     | 24     | 0.3       | 3       | 1.77  | 93.9      | 22.5712 | 35.2706 |
| 2009 | 6     | 28  | 19   | 23     | 24     | 0.3       | 3       | 1.78  | 93.6      | 22.5712 | 35.5354 |
| 2009 | 6     | 28  | 19   | 33     | 24     | 0.3       | 3       | 1.74  | 94.3      | 22.5712 | 34.5425 |
| 2009 | 6     | 28  | 19   | 43     | 24     | 0.3       | 3       | 1.79  | 95.6      | 22.5712 | 35.4692 |
| 2009 | 6     | 28  | 19   | 53     | 24     | 0.3       | 3       | 1.77  | 94.7      | 22.5712 | 35.2044 |
| 2009 | 6     | 28  | 20   | 3      | 24     | 0.3       | 3       | 1.77  | 93.2      | 22.5973 | 35.3783 |
| 2009 | 6     | 28  | 20   | 13     | 24     | 0.3       | 3       | 1.8   | 93.8      | 22.5973 | 35.8423 |
| 2009 | 6     | 28  | 20   | 23     | 24     | 0.3       | 3       | 1.8   | 93.7      | 22.5973 | 35.8423 |
| 2009 | 6     | 28  | 20   | 33     | 24     | 0.3       | 3       | 1.77  | 93.1      | 22.5973 | 35.312  |
| 2009 | 6     | 28  | 20   | 43     | 24     | 0.3       | 3       | 1.77  | 91.9      | 22.5973 | 35.2457 |
| 2009 | 6     | 28  | 20   | 53     | 24     | 0.3       | 3       | 1.78  | 95.1      | 22.5973 | 35.312  |
| 2009 | 6     | 28  | 21   | 3      | 24     | 0.3       | 3       | 1.76  | 91.7      | 22.5973 | 35.0469 |
| 2009 | 6     | 28  | 21   | 13     | 24     | 0.3       | 3       | 1.8   | 93.6      | 22.5973 | 35.9085 |
| 2009 | 6     | 28  | 21   | 23     | 24     | 0.3       | 3       | 1.82  | 95.6      | 22.5973 | 36.1074 |
| 2009 | 6     | 28  | 21   | 33     | 24     | 0.3       | 3       | 1.78  | 94.3      | 22.6235 | 35.4197 |
| 2009 | 6     | 28  | 21   | 43     | 24     | 0.3       | 3       | 1.75  | 95.8      | 22.5973 | 34.7818 |
| 2009 | 6     | 28  | 21   | 53     | 24     | 0.3       | 3       | 1.8   | 93.8      | 22.5973 | 35.9085 |
| 2009 | 6     | 28  | 22   | 3      | 24     | 0.3       | 3       | 1.75  | 93.7      | 22.6235 | 34.8889 |
| 2009 | 6     | 28  | 22   | 13     | 24     | 0.3       | 3       | 1.76  | 95.6      | 22.6235 | 35.0216 |
| 2009 | 6     | 28  | 22   | 23     | 24     | 0.3       | 3       | 1.78  | 93.3      | 22.6235 | 35.6188 |
| 2009 | 6     | 28  | 22   | 33     | 24     | 0.3       | 3       | 1.75  | 95.4      | 22.6235 | 34.8889 |
| 2009 | 6     | 28  | 22   | 43     | 24     | 0.3       | 3       | 1.78  | 93.3      | 22.6235 | 35.6188 |
| 2009 | 6     | 28  | 22   | 53     | 24     | 0.3       | 3       | 1.75  | 93.9      | 22.6235 | 34.8889 |
| 2009 | 6     | 28  | 23   | 3      | 24     | 0.3       | 3       | 1.74  | 96.7      | 22.6235 | 34.6235 |
| 2009 | 6     | 28  | 23   | 13     | 24     | 0.3       | 3       | 1.81  | 95        | 22.6235 | 36.017  |
| 2009 | 6     | 28  | 23   | 23     | 24     | 0.3       | 3       | 1.78  | 95.7      | 22.6235 | 35.4861 |
| 2009 | 6     | 28  | 23   | 33     | 24     | 0.3       | 3       | 1.79  | 95.1      | 22.6235 | 35.6188 |
| 2009 | 6     | 28  | 23   | 43     | 24     | 0.3       | 3       | 1.75  | 92.3      | 22.6235 | 34.8889 |
| 2009 | 6     | 28  | 23   | 53     | 24     | 0.3       | 3       | 1.76  | 96.6      | 22.6235 | 35.0216 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 29  | 0    | 3      | 24     | 0.3       | 3       | 1.77  | 91.8      | 22.6235 | 35.287  |
| 2009 | 6     | 29  | 0    | 13     | 24     | 0.3       | 3       | 1.76  | 94.4      | 22.6235 | 35.0216 |
| 2009 | 6     | 29  | 0    | 23     | 24     | 0.3       | 3       | 1.78  | 91.5      | 22.6235 | 35.5525 |
| 2009 | 6     | 29  | 0    | 33     | 24     | 0.3       | 3       | 1.78  | 93.9      | 22.6235 | 35.4861 |
| 2009 | 6     | 29  | 0    | 43     | 24     | 0.3       | 3       | 1.79  | 92.1      | 22.6235 | 35.6852 |
| 2009 | 6     | 29  | 0    | 53     | 24     | 0.3       | 3       | 1.77  | 95.5      | 22.6235 | 35.1543 |
| 2009 | 6     | 29  | 1    | 3      | 24     | 0.3       | 3       | 1.74  | 94.3      | 22.6235 | 34.7562 |
| 2009 | 6     | 29  | 1    | 13     | 24     | 0.3       | 3       | 1.77  | 92.5      | 22.6235 | 35.3534 |
| 2009 | 6     | 29  | 1    | 23     | 24     | 0.3       | 3       | 1.8   | 96        | 22.6235 | 35.8179 |
| 2009 | 6     | 29  | 1    | 33     | 24     | 0.3       | 3       | 1.81  | 95.1      | 22.6235 | 36.017  |
| 2009 | 6     | 29  | 1    | 43     | 24     | 0.3       | 3       | 1.76  | 93        | 22.6235 | 35.2207 |
| 2009 | 6     | 29  | 1    | 53     | 24     | 0.3       | 3       | 1.79  | 94.6      | 22.6497 | 35.6605 |
| 2009 | 6     | 29  | 2    | 3      | 24     | 0.3       | 3       | 1.74  | 95.3      | 22.6235 | 34.5572 |
| 2009 | 6     | 29  | 2    | 13     | 24     | 0.3       | 3       | 1.76  | 94        | 22.6235 | 35.088  |
| 2009 | 6     | 29  | 2    | 23     | 24     | 0.3       | 3       | 1.8   | 94.9      | 22.6235 | 35.8179 |
| 2009 | 6     | 29  | 2    | 33     | 24     | 0.3       | 3       | 1.75  | 93.1      | 22.6497 | 35.0626 |
| 2009 | 6     | 29  | 2    | 43     | 24     | 0.3       | 3       | 1.75  | 94.7      | 22.6235 | 34.8889 |
| 2009 | 6     | 29  | 2    | 53     | 24     | 0.3       | 3       | 1.75  | 94.6      | 22.6235 | 34.8226 |
| 2009 | 6     | 29  | 3    | 3      | 24     | 0.3       | 3       | 1.77  | 95.5      | 22.6235 | 35.287  |
| 2009 | 6     | 29  | 3    | 13     | 24     | 0.3       | 3       | 1.79  | 94.5      | 22.6235 | 35.6188 |
| 2009 | 6     | 29  | 3    | 23     | 24     | 0.3       | 3       | 1.79  | 93.2      | 22.6235 | 35.8179 |
| 2009 | 6     | 29  | 3    | 33     | 24     | 0.3       | 3       | 1.8   | 94.6      | 22.6235 | 35.9506 |
| 2009 | 6     | 29  | 3    | 43     | 24     | 0.3       | 3       | 1.81  | 95.1      | 22.6235 | 35.9506 |
| 2009 | 6     | 29  | 3    | 53     | 24     | 0.3       | 3       | 1.76  | 94.4      | 22.6235 | 35.0216 |
| 2009 | 6     | 29  | 4    | 3      | 24     | 0.3       | 3       | 1.76  | 95.2      | 22.6235 | 35.0216 |
| 2009 | 6     | 29  | 4    | 13     | 24     | 0.3       | 3       | 1.8   | 92.7      | 22.6235 | 36.017  |
| 2009 | 6     | 29  | 4    | 23     | 24     | 0.3       | 3       | 1.79  | 94.5      | 22.6235 | 35.6852 |
| 2009 | 6     | 29  | 4    | 33     | 24     | 0.3       | 3       | 1.77  | 97.3      | 22.6235 | 35.0216 |
| 2009 | 6     | 29  | 4    | 43     | 24     | 0.3       | 3       | 1.77  | 96.1      | 22.6497 | 35.1955 |
| 2009 | 6     | 29  | 4    | 53     | 24     | 0.3       | 3       | 1.74  | 93.4      | 22.6235 | 34.6235 |
| 2009 | 6     | 29  | 5    | 3      | 24     | 0.3       | 3       | 1.78  | 94.2      | 22.6235 | 35.4197 |
| 2009 | 6     | 29  | 5    | 13     | 24     | 0.3       | 3       | 1.79  | 94.5      | 22.6235 | 35.7515 |
| 2009 | 6     | 29  | 5    | 23     | 24     | 0.3       | 3       | 1.82  | 93.4      | 22.6235 | 36.4153 |
| 2009 | 6     | 29  | 5    | 33     | 24     | 0.3       | 3       | 1.74  | 92.9      | 22.6497 | 34.7969 |
| 2009 | 6     | 29  | 5    | 43     | 24     | 0.3       | 3       | 1.82  | 93.9      | 22.6497 | 36.325  |
| 2009 | 6     | 29  | 5    | 53     | 24     | 0.3       | 3       | 1.81  | 94.3      | 22.6235 | 36.0834 |
| 2009 | 6     | 29  | 6    | 3      | 24     | 0.3       | 3       | 1.82  | 93.4      | 22.6235 | 36.2825 |
| 2009 | 6     | 29  | 6    | 13     | 24     | 0.3       | 3       | 1.76  | 94.7      | 22.6497 | 35.1955 |
| 2009 | 6     | 29  | 6    | 23     | 24     | 0.3       | 3       | 1.75  | 95.7      | 22.6235 | 34.7562 |
| 2009 | 6     | 29  | 6    | 33     | 24     | 0.3       | 3       | 1.73  | 93        | 22.6235 | 34.6235 |
| 2009 | 6     | 29  | 6    | 43     | 24     | 0.3       | 3       | 1.75  | 94.3      | 22.6235 | 34.8226 |
| 2009 | 6     | 29  | 6    | 53     | 24     | 0.3       | 3       | 1.77  | 96.7      | 22.6497 | 35.1955 |
| 2009 | 6     | 29  | 7    | 3      | 24     | 0.3       | 3       | 1.76  | 95.3      | 22.6235 | 35.088  |
| 2009 | 6     | 29  | 7    | 13     | 24     | 0.3       | 3       | 1.74  | 94        | 22.6235 | 34.7562 |
| 2009 | 6     | 29  | 7    | 23     | 24     | 0.3       | 3       | 1.81  | 95.2      | 22.6235 | 35.9506 |
| 2009 | 6     | 29  | 7    | 33     | 24     | 0.3       | 3       | 1.78  | 93.6      | 22.6497 | 35.5276 |
| 2009 | 6     | 29  | 7    | 43     | 24     | 0.3       | 3       | 1.79  | 94.8      | 22.6497 | 35.7934 |
| 2009 | 6     | 29  | 7    | 53     | 24     | 0.3       | 3       | 1.76  | 94.7      | 22.6235 | 35.088  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 29  | 8    | 3      | 24     | 0.3       | 3       | 1.76  | 95.1      | 22.6497 | 34.9962 |
| 2009 | 6     | 29  | 8    | 13     | 24     | 0.3       | 3       | 1.79  | 95.8      | 22.6497 | 35.5941 |
| 2009 | 6     | 29  | 8    | 23     | 24     | 0.3       | 3       | 1.79  | 94.9      | 22.6497 | 35.6605 |
| 2009 | 6     | 29  | 8    | 33     | 24     | 0.3       | 3       | 1.75  | 96.2      | 22.6497 | 34.7969 |
| 2009 | 6     | 29  | 8    | 43     | 24     | 0.3       | 3       | 1.78  | 95.3      | 22.6497 | 35.5276 |
| 2009 | 6     | 29  | 8    | 53     | 24     | 0.3       | 3       | 1.75  | 95.5      | 22.6497 | 34.9298 |
| 2009 | 6     | 29  | 9    | 3      | 24     | 0.3       | 3       | 1.78  | 93.1      | 22.6497 | 35.5941 |
| 2009 | 6     | 29  | 9    | 13     | 24     | 0.3       | 3       | 1.76  | 94.8      | 22.6497 | 35.1291 |
| 2009 | 6     | 29  | 9    | 23     | 24     | 0.3       | 3       | 1.75  | 94.4      | 22.6497 | 34.9962 |
| 2009 | 6     | 29  | 9    | 33     | 24     | 0.3       | 3       | 1.77  | 94.2      | 22.6497 | 35.3948 |
| 2009 | 6     | 29  | 9    | 43     | 24     | 0.3       | 3       | 1.79  | 94.9      | 22.6497 | 35.6605 |
| 2009 | 6     | 29  | 9    | 53     | 24     | 0.3       | 3       | 1.79  | 95.4      | 22.6497 | 35.727  |
| 2009 | 6     | 29  | 10   | 3      | 24     | 0.3       | 3       | 1.8   | 95.8      | 22.6497 | 35.7934 |
| 2009 | 6     | 29  | 10   | 13     | 24     | 0.3       | 3       | 1.77  | 95.4      | 22.6497 | 35.3283 |
| 2009 | 6     | 29  | 10   | 23     | 24     | 0.3       | 3       | 1.82  | 95.8      | 22.6497 | 36.2585 |
| 2009 | 6     | 29  | 10   | 33     | 24     | 0.3       | 3       | 1.78  | 95.1      | 22.6497 | 35.4612 |
| 2009 | 6     | 29  | 10   | 43     | 24     | 0.3       | 3       | 1.77  | 95.8      | 22.6497 | 35.2619 |
| 2009 | 6     | 29  | 10   | 53     | 24     | 0.3       | 3       | 1.77  | 93.7      | 22.6497 | 35.2619 |
| 2009 | 6     | 29  | 11   | 3      | 24     | 0.3       | 3       | 1.76  | 94.7      | 22.6497 | 35.0626 |
| 2009 | 6     | 29  | 11   | 13     | 24     | 0.3       | 3       | 1.77  | 95.9      | 22.6497 | 35.1955 |
| 2009 | 6     | 29  | 11   | 23     | 24     | 0.3       | 3       | 1.74  | 95.9      | 22.6497 | 34.6641 |
| 2009 | 6     | 29  | 11   | 33     | 24     | 0.3       | 3       | 1.76  | 95.1      | 22.6497 | 35.1291 |
| 2009 | 6     | 29  | 11   | 43     | 24     | 0.3       | 3       | 1.74  | 94.1      | 22.6497 | 34.7969 |
| 2009 | 6     | 29  | 11   | 53     | 24     | 0.3       | 3       | 1.76  | 94.1      | 22.6497 | 35.1955 |
| 2009 | 6     | 29  | 12   | 3      | 24     | 0.3       | 3       | 1.77  | 93.7      | 22.6497 | 35.3948 |
| 2009 | 6     | 29  | 12   | 13     | 24     | 0.3       | 3       | 1.76  | 92.9      | 22.6497 | 35.2619 |
| 2009 | 6     | 29  | 12   | 23     | 24     | 0.3       | 3       | 1.73  | 93        | 22.6497 | 34.5313 |
| 2009 | 6     | 29  | 12   | 33     | 24     | 0.3       | 3       | 1.78  | 94.6      | 22.6497 | 35.4612 |
| 2009 | 6     | 29  | 12   | 43     | 24     | 0.3       | 3       | 1.75  | 92.7      | 22.6497 | 35.0626 |
| 2009 | 6     | 29  | 12   | 53     | 24     | 0.3       | 3       | 1.8   | 94.2      | 22.6497 | 35.9263 |
| 2009 | 6     | 29  | 13   | 3      | 24     | 0.3       | 3       | 1.75  | 92.4      | 22.6497 | 35.0626 |
| 2009 | 6     | 29  | 13   | 13     | 24     | 0.3       | 3       | 1.77  | 95.6      | 22.6497 | 35.2619 |
| 2009 | 6     | 29  | 13   | 23     | 24     | 0.3       | 3       | 1.76  | 95.8      | 22.6497 | 35.1291 |
| 2009 | 6     | 29  | 13   | 33     | 24     | 0.3       | 3       | 1.74  | 93.6      | 22.6497 | 34.7305 |
| 2009 | 6     | 29  | 13   | 43     | 24     | 0.3       | 3       | 1.76  | 94.9      | 22.6497 | 35.1955 |
| 2009 | 6     | 29  | 13   | 53     | 24     | 0.3       | 3       | 1.76  | 94.8      | 22.6497 | 35.0626 |
| 2009 | 6     | 29  | 14   | 3      | 24     | 0.3       | 3       | 1.78  | 94.7      | 22.6497 | 35.5941 |
| 2009 | 6     | 29  | 14   | 13     | 24     | 0.3       | 3       | 1.76  | 95.6      | 22.6497 | 35.0626 |
| 2009 | 6     | 29  | 14   | 23     | 24     | 0.3       | 3       | 1.76  | 94.8      | 22.6497 | 35.1291 |
| 2009 | 6     | 29  | 14   | 33     | 24     | 0.3       | 3       | 1.79  | 94.8      | 22.6497 | 35.727  |
| 2009 | 6     | 29  | 14   | 43     | 24     | 0.3       | 3       | 1.77  | 92.1      | 22.6497 | 35.4612 |
| 2009 | 6     | 29  | 14   | 53     | 24     | 0.3       | 3       | 1.74  | 94.9      | 22.6497 | 34.7305 |
| 2009 | 6     | 29  | 15   | 3      | 24     | 0.3       | 3       | 1.79  | 93.4      | 22.6497 | 35.8599 |
| 2009 | 6     | 29  | 15   | 13     | 24     | 0.3       | 3       | 1.76  | 94.7      | 22.6497 | 35.1955 |
| 2009 | 6     | 29  | 15   | 23     | 24     | 0.3       | 3       | 1.76  | 93.4      | 22.6497 | 35.0626 |
| 2009 | 6     | 29  | 15   | 33     | 24     | 0.3       | 3       | 1.79  | 95.6      | 22.6497 | 35.6605 |
| 2009 | 6     | 29  | 15   | 43     | 24     | 0.3       | 3       | 1.78  | 95.4      | 22.6497 | 35.4612 |
| 2009 | 6     | 29  | 15   | 53     | 24     | 0.3       | 3       | 1.75  | 95.9      | 22.6497 | 34.8634 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 29  | 16   | 3      | 24     | 0.3       | 3       | 1.76  | 93.9      | 22.6497 | 35.1955 |
| 2009 | 6     | 29  | 16   | 13     | 24     | 0.3       | 3       | 1.72  | 92.6      | 22.6497 | 34.3984 |
| 2009 | 6     | 29  | 16   | 23     | 24     | 0.3       | 3       | 1.75  | 94.1      | 22.6497 | 34.9298 |
| 2009 | 6     | 29  | 16   | 33     | 24     | 0.3       | 3       | 1.76  | 92.9      | 22.6497 | 35.2619 |
| 2009 | 6     | 29  | 16   | 43     | 24     | 0.3       | 3       | 1.77  | 92.2      | 22.6497 | 35.3948 |
| 2009 | 6     | 29  | 16   | 53     | 24     | 0.3       | 3       | 1.77  | 93.4      | 22.6497 | 35.3948 |
| 2009 | 6     | 29  | 17   | 3      | 24     | 0.3       | 3       | 1.75  | 93.3      | 22.6497 | 34.8634 |
| 2009 | 6     | 29  | 17   | 13     | 24     | 0.3       | 3       | 1.77  | 94.7      | 22.6758 | 35.3697 |
| 2009 | 6     | 29  | 17   | 23     | 24     | 0.3       | 3       | 1.78  | 94.3      | 22.6497 | 35.4612 |
| 2009 | 6     | 29  | 17   | 33     | 24     | 0.3       | 3       | 1.74  | 95.4      | 22.6758 | 34.6381 |
| 2009 | 6     | 29  | 17   | 43     | 24     | 0.3       | 3       | 1.76  | 94.1      | 22.6497 | 35.0626 |
| 2009 | 6     | 29  | 17   | 53     | 24     | 0.3       | 3       | 1.78  | 93.6      | 22.6497 | 35.4612 |
| 2009 | 6     | 29  | 18   | 3      | 24     | 0.3       | 3       | 1.76  | 93.5      | 22.6497 | 35.1291 |
| 2009 | 6     | 29  | 18   | 13     | 24     | 0.3       | 3       | 1.78  | 94.3      | 22.6497 | 35.4612 |
| 2009 | 6     | 29  | 18   | 23     | 24     | 0.3       | 3       | 1.76  | 93.7      | 22.6497 | 35.0626 |
| 2009 | 6     | 29  | 18   | 33     | 24     | 0.3       | 3       | 1.75  | 94        | 22.6497 | 34.9298 |
| 2009 | 6     | 29  | 18   | 43     | 24     | 0.3       | 3       | 1.76  | 93.3      | 22.6497 | 35.2619 |
| 2009 | 6     | 29  | 18   | 53     | 24     | 0.3       | 3       | 1.77  | 94.3      | 22.6497 | 35.3948 |
| 2009 | 6     | 29  | 19   | 3      | 24     | 0.3       | 3       | 1.77  | 94.6      | 22.6758 | 35.3032 |
| 2009 | 6     | 29  | 19   | 13     | 24     | 0.3       | 3       | 1.75  | 94.5      | 22.6497 | 34.9298 |
| 2009 | 6     | 29  | 19   | 23     | 24     | 0.3       | 3       | 1.77  | 93.9      | 22.6497 | 35.3948 |
| 2009 | 6     | 29  | 19   | 33     | 24     | 0.3       | 3       | 1.78  | 94.8      | 22.6758 | 35.5692 |
| 2009 | 6     | 29  | 19   | 43     | 24     | 0.3       | 3       | 1.78  | 94.1      | 22.6758 | 35.5692 |
| 2009 | 6     | 29  | 19   | 53     | 24     | 0.3       | 3       | 1.79  | 95.9      | 22.6758 | 35.6357 |
| 2009 | 6     | 29  | 20   | 3      | 24     | 0.3       | 3       | 1.74  | 94.9      | 22.6758 | 34.7711 |
| 2009 | 6     | 29  | 20   | 13     | 24     | 0.3       | 3       | 1.8   | 95.2      | 22.6758 | 35.9018 |
| 2009 | 6     | 29  | 20   | 23     | 24     | 0.3       | 3       | 1.76  | 95.5      | 22.6758 | 35.1036 |
| 2009 | 6     | 29  | 20   | 33     | 24     | 0.3       | 3       | 1.78  | 91.3      | 22.6758 | 35.6357 |
| 2009 | 6     | 29  | 20   | 43     | 24     | 0.3       | 3       | 1.76  | 94.4      | 22.6758 | 35.1036 |
| 2009 | 6     | 29  | 20   | 53     | 24     | 0.3       | 3       | 1.77  | 93.5      | 22.6758 | 35.3697 |
| 2009 | 6     | 29  | 21   | 3      | 24     | 0.3       | 3       | 1.79  | 94.6      | 22.6758 | 35.7022 |
| 2009 | 6     | 29  | 21   | 13     | 24     | 0.3       | 3       | 1.74  | 94.1      | 22.6758 | 34.7711 |
| 2009 | 6     | 29  | 21   | 23     | 24     | 0.3       | 3       | 1.74  | 94.1      | 22.6758 | 34.8376 |
| 2009 | 6     | 29  | 21   | 33     | 24     | 0.3       | 3       | 1.78  | 92.9      | 22.6758 | 35.6357 |
| 2009 | 6     | 29  | 21   | 43     | 24     | 0.3       | 3       | 1.8   | 94.3      | 22.6758 | 35.9683 |
| 2009 | 6     | 29  | 21   | 53     | 24     | 0.3       | 3       | 1.76  | 92.4      | 22.6758 | 35.1701 |
| 2009 | 6     | 29  | 22   | 3      | 24     | 0.3       | 3       | 1.77  | 93.6      | 22.6758 | 35.3697 |
| 2009 | 6     | 29  | 22   | 13     | 24     | 0.3       | 3       | 1.76  | 93.3      | 22.6758 | 35.3032 |
| 2009 | 6     | 29  | 22   | 23     | 24     | 0.3       | 3       | 1.76  | 94.3      | 22.6758 | 35.2367 |
| 2009 | 6     | 29  | 22   | 33     | 24     | 0.3       | 3       | 1.75  | 93.7      | 22.6758 | 34.9041 |
| 2009 | 6     | 29  | 22   | 43     | 24     | 0.3       | 3       | 1.78  | 92.1      | 22.702  | 35.744  |
| 2009 | 6     | 29  | 22   | 53     | 24     | 0.3       | 3       | 1.8   | 92.7      | 22.702  | 36.0104 |
| 2009 | 6     | 29  | 23   | 3      | 24     | 0.3       | 3       | 1.77  | 94.6      | 22.702  | 35.4776 |
| 2009 | 6     | 29  | 23   | 13     | 24     | 0.3       | 3       | 1.77  | 93.4      | 22.702  | 35.4776 |
| 2009 | 6     | 29  | 23   | 23     | 24     | 0.3       | 3       | 1.8   | 95.8      | 22.702  | 35.8772 |
| 2009 | 6     | 29  | 23   | 33     | 24     | 0.3       | 3       | 1.76  | 92.1      | 22.702  | 35.2112 |
| 2009 | 6     | 29  | 23   | 43     | 24     | 0.3       | 3       | 1.77  | 91.7      | 22.702  | 35.4776 |
| 2009 | 6     | 29  | 23   | 53     | 24     | 0.3       | 3       | 1.78  | 95.8      | 22.702  | 35.5442 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 30  | 0    | 3      | 24     | 0.3       | 3       | 1.79  | 93.2      | 22.702  | 35.8106 |
| 2009 | 6     | 30  | 0    | 13     | 24     | 0.3       | 3       | 1.74  | 94.5      | 22.702  | 34.8783 |
| 2009 | 6     | 30  | 0    | 23     | 24     | 0.3       | 3       | 1.79  | 92.1      | 22.702  | 35.8772 |
| 2009 | 6     | 30  | 0    | 33     | 24     | 0.3       | 3       | 1.72  | 92.7      | 22.702  | 34.4123 |
| 2009 | 6     | 30  | 0    | 43     | 24     | 0.3       | 3       | 1.76  | 93.9      | 22.702  | 35.2778 |
| 2009 | 6     | 30  | 0    | 53     | 24     | 0.3       | 3       | 1.76  | 94.1      | 22.702  | 35.1447 |
| 2009 | 6     | 30  | 1    | 3      | 24     | 0.3       | 3       | 1.79  | 91.8      | 22.702  | 35.8772 |
| 2009 | 6     | 30  | 1    | 13     | 24     | 0.3       | 3       | 1.78  | 94.2      | 22.702  | 35.6774 |
| 2009 | 6     | 30  | 1    | 23     | 24     | 0.3       | 3       | 1.76  | 92.2      | 22.702  | 35.2778 |
| 2009 | 6     | 30  | 1    | 33     | 24     | 0.3       | 3       | 1.76  | 92.4      | 22.702  | 35.2112 |
| 2009 | 6     | 30  | 1    | 43     | 24     | 0.3       | 3       | 1.75  | 93.2      | 22.702  | 35.0115 |
| 2009 | 6     | 30  | 1    | 53     | 24     | 0.3       | 3       | 1.79  | 96.1      | 22.702  | 35.744  |
| 2009 | 6     | 30  | 2    | 3      | 24     | 0.3       | 3       | 1.82  | 93.3      | 22.702  | 36.41   |
| 2009 | 6     | 30  | 2    | 13     | 24     | 0.3       | 3       | 1.79  | 94.9      | 22.702  | 35.744  |
| 2009 | 6     | 30  | 2    | 23     | 24     | 0.3       | 3       | 1.76  | 93.1      | 22.702  | 35.2778 |
| 2009 | 6     | 30  | 2    | 33     | 24     | 0.3       | 3       | 1.75  | 94.8      | 22.702  | 35.0781 |
| 2009 | 6     | 30  | 2    | 43     | 24     | 0.3       | 3       | 1.77  | 93.6      | 22.702  | 35.3444 |
| 2009 | 6     | 30  | 2    | 53     | 24     | 0.3       | 3       | 1.75  | 94        | 22.702  | 35.0781 |
| 2009 | 6     | 30  | 3    | 3      | 24     | 0.3       | 3       | 1.77  | 94.3      | 22.702  | 35.4776 |
| 2009 | 6     | 30  | 3    | 13     | 24     | 0.3       | 3       | 1.76  | 95        | 22.702  | 35.2112 |
| 2009 | 6     | 30  | 3    | 23     | 24     | 0.3       | 3       | 1.76  | 92.9      | 22.702  | 35.3444 |
| 2009 | 6     | 30  | 3    | 33     | 24     | 0.3       | 3       | 1.74  | 93        | 22.702  | 34.8118 |
| 2009 | 6     | 30  | 3    | 43     | 24     | 0.3       | 3       | 1.81  | 93.5      | 22.702  | 36.2102 |
| 2009 | 6     | 30  | 3    | 53     | 24     | 0.3       | 3       | 1.79  | 92.7      | 22.702  | 35.8106 |
| 2009 | 6     | 30  | 4    | 3      | 24     | 0.3       | 3       | 1.75  | 94.6      | 22.702  | 35.0115 |
| 2009 | 6     | 30  | 4    | 13     | 24     | 0.3       | 3       | 1.8   | 94.9      | 22.702  | 35.9437 |
| 2009 | 6     | 30  | 4    | 23     | 24     | 0.3       | 3       | 1.75  | 91.8      | 22.702  | 35.0115 |
| 2009 | 6     | 30  | 4    | 33     | 24     | 0.3       | 3       | 1.75  | 92.6      | 22.702  | 35.0781 |
| 2009 | 6     | 30  | 4    | 43     | 24     | 0.3       | 3       | 1.76  | 94.1      | 22.702  | 35.1447 |
| 2009 | 6     | 30  | 4    | 53     | 24     | 0.3       | 3       | 1.77  | 93.6      | 22.702  | 35.411  |
| 2009 | 6     | 30  | 5    | 3      | 24     | 0.3       | 3       | 1.76  | 94.5      | 22.702  | 35.2778 |
| 2009 | 6     | 30  | 5    | 13     | 24     | 0.3       | 3       | 1.75  | 92.3      | 22.702  | 35.0115 |
| 2009 | 6     | 30  | 5    | 23     | 24     | 0.3       | 3       | 1.78  | 94.2      | 22.702  | 35.6108 |
| 2009 | 6     | 30  | 5    | 33     | 24     | 0.3       | 3       | 1.77  | 95.1      | 22.7282 | 35.3857 |
| 2009 | 6     | 30  | 5    | 43     | 24     | 0.3       | 3       | 1.75  | 94.6      | 22.7282 | 35.119  |
| 2009 | 6     | 30  | 5    | 53     | 24     | 0.3       | 3       | 1.75  | 93.8      | 22.7282 | 35.0524 |
| 2009 | 6     | 30  | 6    | 3      | 24     | 0.3       | 3       | 1.78  | 94.3      | 22.7282 | 35.6523 |
| 2009 | 6     | 30  | 6    | 13     | 24     | 0.3       | 3       | 1.76  | 93.7      | 22.7282 | 35.2523 |
| 2009 | 6     | 30  | 6    | 23     | 24     | 0.3       | 3       | 1.76  | 93.1      | 22.7282 | 35.3857 |
| 2009 | 6     | 30  | 6    | 33     | 24     | 0.3       | 3       | 1.75  | 93.7      | 22.7544 | 35.0932 |
| 2009 | 6     | 30  | 6    | 43     | 24     | 0.3       | 3       | 1.78  | 96        | 22.7544 | 35.5604 |
| 2009 | 6     | 30  | 6    | 53     | 24     | 0.3       | 3       | 1.79  | 92.3      | 22.7544 | 35.8942 |
| 2009 | 6     | 30  | 7    | 3      | 24     | 0.3       | 3       | 1.78  | 94.7      | 22.7805 | 35.8023 |
| 2009 | 6     | 30  | 7    | 13     | 24     | 0.3       | 3       | 1.78  | 93.8      | 22.7544 | 35.6272 |
| 2009 | 6     | 30  | 7    | 23     | 24     | 0.3       | 3       | 1.78  | 93.5      | 22.8067 | 35.9109 |
| 2009 | 6     | 30  | 7    | 33     | 24     | 0.3       | 3       | 1.77  | 94.7      | 22.7805 | 35.535  |
| 2009 | 6     | 30  | 7    | 43     | 24     | 0.3       | 3       | 1.74  | 94.3      | 22.8067 | 34.9074 |
| 2009 | 6     | 30  | 7    | 53     | 24     | 0.3       | 3       | 1.76  | 94.8      | 22.8067 | 35.3757 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 30  | 8    | 3      | 24     | 0.3       | 3       | 1.76  | 94.9      | 22.8067 | 35.4426 |
| 2009 | 6     | 30  | 8    | 13     | 24     | 0.3       | 3       | 1.78  | 93.6      | 22.8067 | 35.7771 |
| 2009 | 6     | 30  | 8    | 23     | 24     | 0.3       | 3       | 1.73  | 93.8      | 22.8329 | 34.7471 |
| 2009 | 6     | 30  | 8    | 33     | 24     | 0.3       | 3       | 1.8   | 95.3      | 22.8067 | 36.1116 |
| 2009 | 6     | 30  | 8    | 43     | 24     | 0.3       | 3       | 1.76  | 97        | 22.8329 | 35.2159 |
| 2009 | 6     | 30  | 8    | 53     | 24     | 0.3       | 3       | 1.72  | 94.1      | 22.8329 | 34.6802 |
| 2009 | 6     | 30  | 9    | 3      | 24     | 0.3       | 3       | 1.76  | 95        | 22.8329 | 35.4168 |
| 2009 | 6     | 30  | 9    | 13     | 24     | 0.3       | 3       | 1.76  | 95        | 22.8329 | 35.3498 |
| 2009 | 6     | 30  | 9    | 23     | 24     | 0.3       | 3       | 1.77  | 95.7      | 22.8329 | 35.5507 |
| 2009 | 6     | 30  | 9    | 33     | 24     | 0.3       | 3       | 1.77  | 94.7      | 22.8591 | 35.592  |
| 2009 | 6     | 30  | 9    | 43     | 24     | 0.3       | 3       | 1.8   | 95.7      | 22.8329 | 36.2205 |
| 2009 | 6     | 30  | 9    | 53     | 24     | 0.3       | 3       | 1.75  | 95.3      | 22.8591 | 35.1897 |
| 2009 | 6     | 30  | 10   | 3      | 24     | 0.3       | 3       | 1.77  | 94.3      | 22.8591 | 35.659  |
| 2009 | 6     | 30  | 10   | 13     | 24     | 0.3       | 3       | 1.8   | 95.3      | 22.8591 | 36.1955 |
| 2009 | 6     | 30  | 10   | 23     | 24     | 0.3       | 3       | 1.79  | 93.3      | 22.8591 | 36.1285 |
| 2009 | 6     | 30  | 10   | 33     | 24     | 0.3       | 3       | 1.75  | 94.7      | 22.8591 | 35.3238 |
| 2009 | 6     | 30  | 10   | 43     | 24     | 0.3       | 3       | 1.79  | 94.4      | 22.8591 | 35.9943 |
| 2009 | 6     | 30  | 10   | 53     | 24     | 0.3       | 3       | 1.76  | 94        | 22.8591 | 35.4579 |
| 2009 | 6     | 30  | 11   | 3      | 24     | 0.3       | 3       | 1.76  | 94        | 22.8591 | 35.4579 |
| 2009 | 6     | 30  | 11   | 13     | 24     | 0.3       | 3       | 1.78  | 93.1      | 22.8591 | 35.9943 |
| 2009 | 6     | 30  | 11   | 23     | 24     | 0.3       | 3       | 1.8   | 94        | 22.8591 | 36.2626 |
| 2009 | 6     | 30  | 11   | 33     | 24     | 0.3       | 3       | 1.75  | 93.1      | 22.8591 | 35.2568 |
| 2009 | 6     | 30  | 11   | 43     | 24     | 0.3       | 3       | 1.76  | 94.4      | 22.8591 | 35.5249 |
| 2009 | 6     | 30  | 11   | 53     | 24     | 0.3       | 3       | 1.77  | 95.7      | 22.8591 | 35.592  |
| 2009 | 6     | 30  | 12   | 3      | 24     | 0.3       | 3       | 1.8   | 94.6      | 22.8591 | 36.2626 |
| 2009 | 6     | 30  | 12   | 13     | 24     | 0.3       | 3       | 1.79  | 95.1      | 22.8591 | 35.9943 |
| 2009 | 6     | 30  | 12   | 23     | 24     | 0.3       | 3       | 1.76  | 96        | 22.8591 | 35.3908 |
| 2009 | 6     | 30  | 12   | 33     | 24     | 0.3       | 3       | 1.83  | 94.3      | 22.8853 | 36.9762 |
| 2009 | 6     | 30  | 12   | 43     | 24     | 0.3       | 3       | 1.77  | 94        | 22.8853 | 35.7004 |
| 2009 | 6     | 30  | 12   | 53     | 24     | 0.3       | 3       | 1.81  | 95.2      | 22.8853 | 36.5061 |
| 2009 | 6     | 30  | 13   | 3      | 24     | 0.3       | 3       | 1.77  | 94.8      | 22.8853 | 35.6333 |
| 2009 | 6     | 30  | 13   | 13     | 24     | 0.3       | 3       | 1.79  | 96        | 22.8853 | 35.9689 |
| 2009 | 6     | 30  | 13   | 23     | 24     | 0.3       | 3       | 1.75  | 95        | 22.8853 | 35.2976 |
| 2009 | 6     | 30  | 13   | 33     | 24     | 0.3       | 3       | 1.73  | 94        | 22.8853 | 34.962  |
| 2009 | 6     | 30  | 13   | 43     | 24     | 0.3       | 3       | 1.76  | 95.6      | 22.8853 | 35.3648 |
| 2009 | 6     | 30  | 13   | 53     | 24     | 0.3       | 3       | 1.77  | 96.3      | 22.8853 | 35.5661 |
| 2009 | 6     | 30  | 14   | 3      | 24     | 0.3       | 3       | 1.79  | 96.1      | 22.8853 | 35.9018 |
| 2009 | 6     | 30  | 14   | 13     | 24     | 0.3       | 3       | 1.77  | 93.1      | 22.8853 | 35.8347 |
| 2009 | 6     | 30  | 14   | 23     | 24     | 0.3       | 3       | 1.77  | 94.9      | 22.8853 | 35.6333 |
| 2009 | 6     | 30  | 14   | 33     | 24     | 0.3       | 3       | 1.81  | 94.7      | 22.8853 | 36.5061 |
| 2009 | 6     | 30  | 14   | 43     | 24     | 0.3       | 3       | 1.76  | 95.2      | 22.8853 | 35.499  |
| 2009 | 6     | 30  | 14   | 53     | 24     | 0.3       | 3       | 1.78  | 95.8      | 22.8853 | 35.9018 |
| 2009 | 6     | 30  | 15   | 3      | 24     | 0.3       | 3       | 1.75  | 95.8      | 22.8853 | 35.1634 |
| 2009 | 6     | 30  | 15   | 13     | 24     | 0.3       | 3       | 1.75  | 95.1      | 22.8853 | 35.2305 |
| 2009 | 6     | 30  | 15   | 23     | 24     | 0.3       | 3       | 1.77  | 96        | 22.8853 | 35.7004 |
| 2009 | 6     | 30  | 15   | 33     | 24     | 0.3       | 3       | 1.76  | 94.6      | 22.9114 | 35.5401 |
| 2009 | 6     | 30  | 15   | 43     | 24     | 0.3       | 3       | 1.79  | 96.1      | 22.8853 | 35.9018 |
| 2009 | 6     | 30  | 15   | 53     | 24     | 0.3       | 3       | 1.81  | 94        | 22.9114 | 36.4811 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 30  | 16   | 3      | 24     | 0.3       | 3       | 1.79  | 93.4      | 22.9114 | 36.2123 |
| 2009 | 6     | 30  | 16   | 13     | 24     | 0.3       | 3       | 1.77  | 93.6      | 22.9114 | 35.809  |
| 2009 | 6     | 30  | 16   | 23     | 24     | 0.3       | 3       | 1.77  | 95.4      | 22.9114 | 35.6745 |
| 2009 | 6     | 30  | 16   | 33     | 24     | 0.3       | 3       | 1.76  | 96.3      | 22.9114 | 35.4057 |
| 2009 | 6     | 30  | 16   | 43     | 24     | 0.3       | 3       | 1.74  | 94.9      | 22.9114 | 35.1369 |
| 2009 | 6     | 30  | 16   | 53     | 24     | 0.3       | 3       | 1.8   | 94.2      | 22.9114 | 36.4139 |
| 2009 | 6     | 30  | 17   | 3      | 24     | 0.3       | 3       | 1.79  | 95.1      | 22.9376 | 36.0523 |
| 2009 | 6     | 30  | 17   | 13     | 24     | 0.3       | 3       | 1.78  | 95.4      | 22.9376 | 35.985  |
| 2009 | 6     | 30  | 17   | 23     | 24     | 0.3       | 3       | 1.77  | 95.4      | 22.9376 | 35.7158 |
| 2009 | 6     | 30  | 17   | 33     | 24     | 0.3       | 3       | 1.77  | 96        | 22.9376 | 35.6485 |
| 2009 | 6     | 30  | 17   | 43     | 24     | 0.3       | 3       | 1.77  | 96.4      | 22.9376 | 35.5813 |
| 2009 | 6     | 30  | 17   | 53     | 24     | 0.3       | 3       | 1.79  | 96.4      | 22.9376 | 36.0523 |
| 2009 | 6     | 30  | 18   | 3      | 24     | 0.3       | 3       | 1.76  | 94.9      | 22.9376 | 35.514  |
| 2009 | 6     | 30  | 18   | 13     | 24     | 0.3       | 3       | 1.78  | 94.9      | 22.9376 | 35.9177 |
| 2009 | 6     | 30  | 18   | 23     | 24     | 0.3       | 3       | 1.76  | 95.1      | 22.9376 | 35.5813 |
| 2009 | 6     | 30  | 18   | 33     | 24     | 0.3       | 3.3     | 1.78  | 94.2      | 22.9638 | 36.0266 |
| 2009 | 6     | 30  | 18   | 43     | 24     | 0.3       | 3.3     | 1.8   | 94.7      | 22.9638 | 36.3634 |
| 2009 | 6     | 30  | 18   | 53     | 24     | 0.3       | 3.3     | 1.81  | 94.6      | 22.9638 | 36.7003 |
| 2009 | 6     | 30  | 19   | 3      | 24     | 0.3       | 3.3     | 1.77  | 95.4      | 22.9638 | 35.7571 |
| 2009 | 6     | 30  | 19   | 13     | 24     | 0.3       | 3.3     | 1.79  | 94.1      | 22.9638 | 36.1613 |
| 2009 | 6     | 30  | 19   | 23     | 24     | 0.3       | 3.3     | 1.8   | 94.6      | 22.9638 | 36.3634 |
| 2009 | 6     | 30  | 19   | 33     | 24     | 0.3       | 3.3     | 1.79  | 95.7      | 22.9638 | 36.2287 |
| 2009 | 6     | 30  | 19   | 43     | 24     | 0.3       | 3.3     | 1.81  | 95.6      | 22.9638 | 36.4982 |
| 2009 | 6     | 30  | 19   | 53     | 24     | 0.3       | 3.3     | 1.8   | 93        | 22.9638 | 36.4308 |
| 2009 | 6     | 30  | 20   | 3      | 24     | 0.3       | 3.3     | 1.8   | 94.9      | 22.9638 | 36.4982 |
| 2009 | 6     | 30  | 20   | 13     | 24     | 0.3       | 3.3     | 1.81  | 94.2      | 22.9638 | 36.5656 |
| 2009 | 6     | 30  | 20   | 23     | 24     | 0.3       | 3.3     | 1.79  | 94.5      | 22.9638 | 36.2961 |
| 2009 | 6     | 30  | 20   | 33     | 24     | 0.3       | 3.3     | 1.81  | 96.2      | 22.99   | 36.5403 |
| 2009 | 6     | 30  | 20   | 43     | 24     | 0.3       | 3.3     | 1.77  | 94.5      | 22.9638 | 35.7571 |
| 2009 | 6     | 30  | 20   | 53     | 24     | 0.3       | 3.3     | 1.78  | 95.3      | 22.9638 | 36.0266 |
| 2009 | 6     | 30  | 21   | 3      | 24     | 0.3       | 3.3     | 1.76  | 93.9      | 22.99   | 35.731  |
| 2009 | 6     | 30  | 21   | 13     | 24     | 0.3       | 3.3     | 1.8   | 95.8      | 22.99   | 36.4729 |
| 2009 | 6     | 30  | 21   | 23     | 24     | 0.3       | 3.3     | 1.76  | 94.9      | 22.99   | 35.731  |
| 2009 | 6     | 30  | 21   | 33     | 24     | 0.3       | 3.3     | 1.8   | 95.6      | 22.99   | 36.4729 |
| 2009 | 6     | 30  | 21   | 43     | 24     | 0.3       | 3.3     | 1.75  | 94.1      | 22.99   | 35.5286 |
| 2009 | 6     | 30  | 21   | 53     | 24     | 0.3       | 3.3     | 1.76  | 96.6      | 22.99   | 35.5286 |
| 2009 | 6     | 30  | 22   | 3      | 24     | 0.3       | 3.3     | 1.78  | 95.2      | 22.99   | 36.0682 |
| 2009 | 6     | 30  | 22   | 13     | 24     | 0.3       | 3.3     | 1.77  | 93.9      | 22.99   | 35.8658 |
| 2009 | 6     | 30  | 22   | 23     | 24     | 0.3       | 3.3     | 1.76  | 94.3      | 22.99   | 35.731  |
| 2009 | 6     | 30  | 22   | 33     | 24     | 0.3       | 3.3     | 1.8   | 93.9      | 22.99   | 36.5403 |
| 2009 | 6     | 30  | 22   | 43     | 24     | 0.3       | 3.3     | 1.76  | 93.3      | 22.99   | 35.7984 |
| 2009 | 6     | 30  | 22   | 53     | 24     | 0.3       | 3.3     | 1.77  | 94.4      | 22.99   | 35.8658 |
| 2009 | 6     | 30  | 23   | 3      | 24     | 0.3       | 3.3     | 1.76  | 94.7      | 22.99   | 35.5961 |
| 2009 | 6     | 30  | 23   | 13     | 24     | 0.3       | 3.3     | 1.79  | 94.5      | 22.99   | 36.338  |
| 2009 | 6     | 30  | 23   | 23     | 24     | 0.3       | 3.3     | 1.77  | 94.7      | 22.99   | 35.8658 |
| 2009 | 6     | 30  | 23   | 33     | 24     | 0.3       | 3.3     | 1.78  | 93.6      | 22.99   | 36.0682 |
| 2009 | 6     | 30  | 23   | 43     | 24     | 0.3       | 3.3     | 1.77  | 93        | 22.99   | 36.0007 |
| 2009 | 6     | 30  | 23   | 53     | 24     | 0.3       | 3.3     | 1.77  | 94.7      | 22.99   | 35.8658 |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 1   | 0    | 8      | 54     | 1.722     | 0.059     | 3.586 | 0.013     | 0.01      | 0         | 48.6 | 47.7 | 61.5 | 143        | 140        | 0          | 30     | 29     |
| 2009 | 6     | 1   | 0    | 18     | 54     | 1.683     | 0.033     | 3.586 | 0.013     | 0.01      | 0         | 48.6 | 47.3 | 61.1 | 143        | 140        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 0    | 28     | 54     | 1.683     | 0.062     | 3.583 | 0.01      | 0.007     | 0         | 48.2 | 46.9 | 61.1 | 143        | 140        | 0          | 31     | 31     |
| 2009 | 6     | 1   | 0    | 38     | 54     | 1.647     | 0.092     | 3.583 | 0.01      | 0.007     | 0         | 49   | 47.3 | 61.9 | 144        | 140        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 0    | 48     | 54     | 1.703     | 0.049     | 3.583 | 0.016     | 0.013     | 0         | 49   | 47.7 | 61.1 | 144        | 141        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 0    | 58     | 54     | 1.693     | 0.075     | 3.579 | 0.013     | 0.01      | 0         | 49   | 47.7 | 61.1 | 145        | 141        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 1    | 8      | 54     | 1.68      | 0.069     | 3.579 | 0.013     | 0.01      | 0         | 49   | 47.7 | 61.9 | 144        | 141        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 1    | 18     | 54     | 1.677     | 0.049     | 3.576 | 0.01      | 0.007     | 0         | 49   | 48.2 | 61.9 | 145        | 142        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 1    | 28     | 54     | 1.69      | 0.085     | 3.576 | 0.01      | 0.007     | 0         | 49.5 | 48.2 | 61.5 | 145        | 142        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 1    | 38     | 54     | 1.699     | 0.082     | 3.576 | 0.013     | 0.01      | 0         | 49.5 | 48.2 | 62.4 | 145        | 142        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 1    | 48     | 54     | 1.706     | 0.059     | 3.576 | 0.016     | 0.016     | 0         | 49   | 47.7 | 61.5 | 144        | 141        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 1    | 58     | 54     | 1.699     | 0.03      | 3.573 | 0.01      | 0.007     | 0         | 49.5 | 48.2 | 62.4 | 145        | 142        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 2    | 8      | 54     | 1.696     | 0.075     | 3.573 | 0.013     | 0.01      | 0         | 49.5 | 48.6 | 62.8 | 145        | 142        | 0          | 30     | 29     |
| 2009 | 6     | 1   | 2    | 18     | 54     | 1.66      | 0.095     | 3.573 | 0.013     | 0.01      | 0         | 49   | 48.2 | 63.6 | 145        | 142        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 2    | 28     | 54     | 1.68      | 0.023     | 3.573 | 0.013     | 0.01      | 0         | 49   | 48.2 | 61.5 | 145        | 142        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 2    | 38     | 54     | 1.683     | 0.075     | 3.573 | 0.013     | 0.01      | 0         | 49.5 | 48.2 | 61.1 | 145        | 142        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 2    | 48     | 54     | 1.69      | 0.085     | 3.57  | 0.013     | 0.01      | 0         | 49.5 | 48.6 | 63.2 | 146        | 143        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 2    | 58     | 54     | 1.67      | 0.089     | 3.57  | 0.01      | 0.007     | 0         | 49.5 | 48.2 | 63.6 | 145        | 142        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 3    | 8      | 54     | 1.644     | 0.069     | 3.57  | 0.013     | 0.01      | 0         | 49   | 48.6 | 62.8 | 145        | 143        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 3    | 18     | 54     | 1.699     | 0.089     | 3.57  | 0.013     | 0.01      | 0         | 49.5 | 48.6 | 62.8 | 145        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 3    | 28     | 54     | 1.703     | 0.066     | 3.566 | 0.016     | 0.013     | 0         | 49.5 | 48.6 | 62.4 | 146        | 143        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 3    | 38     | 54     | 1.65      | 0.085     | 3.566 | 0.01      | 0.007     | 0         | 49.5 | 48.6 | 63.2 | 146        | 143        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 3    | 48     | 54     | 1.69      | 0.075     | 3.566 | 0.013     | 0.01      | 0         | 49.9 | 49   | 62.4 | 146        | 144        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 3    | 58     | 54     | 1.65      | 0.056     | 3.566 | 0.016     | 0.013     | 0         | 49.9 | 48.6 | 63.6 | 146        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 4    | 8      | 54     | 1.693     | 0.043     | 3.563 | 0.01      | 0.007     | 0         | 49.9 | 49   | 61.5 | 147        | 144        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 4    | 18     | 54     | 1.663     | 0.056     | 3.563 | 0.013     | 0.01      | 0         | 49.9 | 49.5 | 63.2 | 147        | 144        | 0          | 31     | 29     |
| 2009 | 6     | 1   | 4    | 28     | 54     | 1.65      | 0.085     | 3.563 | 0.013     | 0.01      | 0         | 50.3 | 49.5 | 62.8 | 148        | 145        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 4    | 38     | 54     | 1.667     | 0.092     | 3.563 | 0.013     | 0.01      | 0         | 50.3 | 49.5 | 64.1 | 148        | 145        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 4    | 48     | 54     | 1.67      | 0.059     | 3.563 | 0.01      | 0.007     | 0         | 50.3 | 49   | 64.1 | 147        | 144        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 4    | 58     | 54     | 1.673     | 0.066     | 3.56  | 0.013     | 0.01      | 0         | 49.9 | 49   | 64.1 | 146        | 144        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 5    | 8      | 54     | 1.683     | 0.033     | 3.56  | 0.01      | 0.007     | 0         | 49.5 | 48.6 | 62.8 | 146        | 143        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 5    | 18     | 54     | 1.64      | 0.066     | 3.556 | 0.013     | 0.01      | 0         | 49.9 | 48.6 | 62.8 | 146        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 5    | 28     | 54     | 1.68      | 0.072     | 3.556 | 0.013     | 0.01      | 0         | 49   | 48.6 | 61.9 | 145        | 143        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 5    | 38     | 54     | 1.699     | 0.115     | 3.556 | 0.013     | 0.01      | 0         | 49   | 48.6 | 63.2 | 145        | 143        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 5    | 48     | 54     | 1.706     | 0.098     | 3.553 | 0.016     | 0.013     | 0         | 49.5 | 48.6 | 62.4 | 145        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 5    | 58     | 54     | 1.699     | 0.059     | 3.55  | 0.016     | 0.013     | 0         | 49.5 | 47.7 | 61.5 | 145        | 142        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 6    | 8      | 54     | 1.703     | 0.036     | 3.55  | 0.013     | 0.01      | 0         | 49.5 | 48.6 | 61.1 | 146        | 143        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 6    | 18     | 54     | 1.696     | 0.056     | 3.55  | 0.01      | 0.007     | 0         | 49.5 | 48.6 | 61.1 | 145        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 6    | 28     | 54     | 1.677     | 0.072     | 3.543 | 0.013     | 0.01      | 0         | 49   | 48.2 | 60.2 | 145        | 142        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 6    | 38     | 54     | 1.667     | 0.066     | 3.543 | 0.01      | 0.007     | 0         | 49   | 48.2 | 61.1 | 145        | 142        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 6    | 48     | 54     | 1.696     | 0.082     | 3.54  | 0.016     | 0.013     | 0         | 48.6 | 48.2 | 61.1 | 144        | 142        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 6    | 58     | 54     | 1.693     | 0.049     | 3.54  | 0.01      | 0.007     | 0         | 49.5 | 48.6 | 60.6 | 145        | 142        | 0          | 30     | 29     |
| 2009 | 6     | 1   | 7    | 8      | 54     | 1.686     | 0.085     | 3.533 | 0.013     | 0.01      | 0         | 49   | 48.2 | 61.9 | 145        | 142        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 7    | 18     | 54     | 1.67      | 0.072     | 3.533 | 0.016     | 0.013     | 0         | 49   | 48.6 | 61.1 | 145        | 143        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 7    | 28     | 54     | 1.719     | 0.043     | 3.533 | 0.01      | 0.007     | 0         | 48.6 | 48.2 | 61.5 | 144        | 142        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 7    | 38     | 54     | 1.67      | 0.043     | 3.53  | 0.013     | 0.01      | 0         | 48.6 | 48.2 | 62.4 | 144        | 142        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 7    | 48     | 54     | 1.69      | 0.072     | 3.53  | 0.016     | 0.013     | 0         | 49.5 | 48.2 | 62.8 | 145        | 142        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 7    | 58     | 54     | 1.673     | 0.052     | 3.527 | 0.01      | 0.007     | 0         | 49   | 48.2 | 62.8 | 145        | 142        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 1   | 8    | 8      | 54     | 1.657     | 0.059     | 3.527 | 0.013     | 0.01      | 0         | 49   | 48.2 | 64.1 | 144        | 142        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 8    | 18     | 54     | 1.657     | 0.059     | 3.527 | 0.013     | 0.01      | 0         | 48.6 | 48.2 | 62.4 | 144        | 142        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 8    | 28     | 54     | 1.66      | 0.092     | 3.524 | 0.013     | 0.01      | 0         | 49.5 | 48.6 | 64.1 | 145        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 8    | 38     | 54     | 1.683     | 0.079     | 3.524 | 0.016     | 0.013     | 0         | 49   | 48.6 | 64.5 | 145        | 143        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 8    | 48     | 54     | 1.66      | 0.098     | 3.524 | 0.013     | 0.01      | 0         | 49.5 | 48.6 | 64.9 | 146        | 143        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 8    | 58     | 54     | 1.64      | 0.052     | 3.52  | 0.013     | 0.01      | 0         | 49   | 48.6 | 64.5 | 145        | 143        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 9    | 8      | 54     | 1.663     | 0.082     | 3.52  | 0.01      | 0.007     | 0         | 49.5 | 49   | 62.8 | 146        | 144        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 9    | 18     | 54     | 1.709     | 0.072     | 3.52  | 0.013     | 0.01      | 0         | 49.9 | 48.6 | 64.9 | 146        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 9    | 28     | 54     | 1.729     | 0.033     | 3.517 | 0.01      | 0.007     | 0         | 49.9 | 48.6 | 64.5 | 146        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 9    | 38     | 54     | 1.634     | 0.066     | 3.517 | 0.013     | 0.01      | 0         | 49.5 | 48.6 | 64.1 | 145        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 9    | 48     | 54     | 1.696     | 0.01      | 3.517 | 0.016     | 0.016     | 0         | 49.5 | 48.6 | 61.9 | 145        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 9    | 58     | 54     | 1.722     | 0.066     | 3.514 | 0.013     | 0.01      | 0         | 49   | 49   | 61.9 | 145        | 143        | 0          | 31     | 29     |
| 2009 | 6     | 1   | 10   | 8      | 54     | 1.667     | 0.095     | 3.51  | 0.01      | 0.007     | 0         | 49.5 | 48.6 | 61.9 | 145        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 10   | 18     | 54     | 1.677     | 0.059     | 3.507 | 0.013     | 0.01      | 0         | 49.5 | 48.6 | 59.8 | 146        | 143        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 10   | 28     | 54     | 1.667     | 0.075     | 3.504 | 0.01      | 0.007     | 0         | 49   | 48.6 | 61.9 | 145        | 143        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 10   | 38     | 54     | 1.667     | 0.075     | 3.501 | 0.016     | 0.013     | 0         | 49   | 48.6 | 61.9 | 145        | 143        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 10   | 48     | 54     | 1.696     | 0.066     | 3.497 | 0.016     | 0.013     | 0         | 49.5 | 48.6 | 61.5 | 145        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 10   | 58     | 54     | 1.644     | 0.039     | 3.494 | 0.01      | 0.007     | 0         | 49   | 48.6 | 63.6 | 145        | 143        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 11   | 8      | 54     | 1.617     | 0.121     | 3.494 | 0.013     | 0.01      | 0         | 49.5 | 48.2 | 63.6 | 146        | 143        | 0          | 31     | 31     |
| 2009 | 6     | 1   | 11   | 18     | 54     | 1.657     | 0.079     | 3.491 | 0.016     | 0.013     | 0         | 49.5 | 48.2 | 63.6 | 145        | 142        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 11   | 28     | 54     | 1.699     | 0.043     | 3.491 | 0.013     | 0.01      | 0         | 49   | 48.6 | 62.8 | 145        | 142        | 0          | 31     | 29     |
| 2009 | 6     | 1   | 11   | 38     | 54     | 1.647     | 0.043     | 3.488 | 0.016     | 0.013     | 0         | 48.6 | 48.6 | 64.5 | 144        | 142        | 0          | 31     | 29     |
| 2009 | 6     | 1   | 11   | 48     | 54     | 1.66      | 0.089     | 3.488 | 0.013     | 0.01      | 0         | 49.5 | 48.2 | 65.8 | 145        | 142        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 11   | 58     | 54     | 1.67      | 0.066     | 3.488 | 0.013     | 0.01      | 0         | 49   | 47.7 | 64.9 | 144        | 141        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 12   | 8      | 54     | 1.66      | 0.082     | 3.488 | 0.016     | 0.013     | 0         | 49   | 48.2 | 66.2 | 144        | 142        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 12   | 18     | 54     | 1.703     | 0.072     | 3.484 | 0.01      | 0.007     | 0         | 48.6 | 48.2 | 64.1 | 144        | 142        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 12   | 28     | 54     | 1.68      | 0.075     | 3.484 | 0.016     | 0.013     | 0         | 49   | 47.7 | 64.5 | 144        | 141        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 12   | 38     | 54     | 1.66      | 0.049     | 3.481 | 0.016     | 0.013     | 0         | 48.6 | 48.2 | 61.9 | 144        | 141        | 0          | 31     | 29     |
| 2009 | 6     | 1   | 12   | 48     | 54     | 1.644     | 0.121     | 3.478 | 0.016     | 0.013     | 0         | 48.2 | 47.3 | 64.5 | 143        | 141        | 0          | 31     | 31     |
| 2009 | 6     | 1   | 12   | 58     | 54     | 1.683     | 0.046     | 3.474 | 0.016     | 0.013     | 0         | 49   | 47.7 | 63.6 | 144        | 141        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 13   | 8      | 54     | 1.663     | 0.072     | 3.471 | 0.01      | 0.007     | 0         | 49.5 | 48.2 | 63.6 | 145        | 142        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 13   | 18     | 54     | 1.627     | 0.072     | 3.468 | 0.013     | 0.01      | 0         | 49   | 47.7 | 62.4 | 144        | 141        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 13   | 28     | 54     | 1.66      | 0.069     | 3.465 | 0.01      | 0.007     | 0         | 48.2 | 47.7 | 61.5 | 143        | 141        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 13   | 38     | 54     | 1.64      | 0.082     | 3.461 | 0.013     | 0.01      | 0         | 48.6 | 47.3 | 64.1 | 143        | 140        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 13   | 48     | 54     | 1.627     | 0.092     | 3.458 | 0.013     | 0.01      | 0         | 48.6 | 47.7 | 64.1 | 143        | 140        | 0          | 30     | 29     |
| 2009 | 6     | 1   | 13   | 58     | 54     | 1.604     | 0.079     | 3.458 | 0.01      | 0.007     | 0         | 48.2 | 47.3 | 64.5 | 143        | 140        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 14   | 8      | 54     | 1.699     | 0.052     | 3.455 | 0.016     | 0.013     | 0         | 48.6 | 47.3 | 65.4 | 143        | 140        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 14   | 18     | 54     | 1.683     | 0.089     | 3.455 | 0.013     | 0.01      | 0         | 48.2 | 47.7 | 64.9 | 143        | 141        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 14   | 28     | 54     | 1.667     | 0.098     | 3.455 | 0.013     | 0.01      | 0         | 48.6 | 47.3 | 66.2 | 143        | 140        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 14   | 38     | 54     | 1.696     | 0.013     | 3.451 | 0.016     | 0.013     | 0         | 48.2 | 47.3 | 65.8 | 142        | 140        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 14   | 48     | 54     | 1.663     | 0.108     | 3.451 | 0.013     | 0.01      | 0         | 48.2 | 47.3 | 66.2 | 143        | 140        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 14   | 58     | 54     | 1.677     | 0.079     | 3.448 | 0.013     | 0.01      | 0         | 48.2 | 47.3 | 64.1 | 143        | 140        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 15   | 8      | 54     | 1.65      | 0.085     | 3.448 | 0.01      | 0.007     | 0         | 48.2 | 47.7 | 64.1 | 143        | 141        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 15   | 18     | 54     | 1.663     | 0.046     | 3.448 | 0.016     | 0.013     | 0         | 49.5 | 48.2 | 62.8 | 145        | 142        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 15   | 28     | 54     | 1.617     | 0.115     | 3.445 | 0.016     | 0.013     | 0         | 49   | 48.2 | 64.9 | 145        | 142        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 15   | 38     | 54     | 1.683     | 0.062     | 3.445 | 0.013     | 0.01      | 0         | 49   | 48.2 | 64.1 | 145        | 142        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 15   | 48     | 54     | 1.631     | 0.059     | 3.442 | 0.01      | 0.007     | 0         | 48.6 | 48.2 | 62.8 | 144        | 142        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 15   | 58     | 54     | 1.667     | 0.075     | 3.438 | 0.013     | 0.01      | 0         | 48.6 | 47.7 | 62.8 | 144        | 141        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 1   | 16   | 8      | 54     | 1.64      | 0.079     | 3.435 | 0.01      | 0.007     | 0         | 49   | 47.7 | 62.4 | 144        | 141        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 16   | 18     | 54     | 1.64      | 0.043     | 3.432 | 0.016     | 0.013     | 0         | 49   | 48.2 | 62.8 | 144        | 141        | 0          | 30     | 29     |
| 2009 | 6     | 1   | 16   | 28     | 54     | 1.644     | 0.115     | 3.428 | 0.016     | 0.013     | 0         | 48.2 | 47.7 | 60.2 | 143        | 141        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 16   | 38     | 54     | 1.67      | 0.066     | 3.425 | 0.016     | 0.013     | 0         | 49.5 | 48.6 | 61.9 | 146        | 143        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 16   | 48     | 54     | 1.667     | 0.02      | 3.422 | 0.016     | 0.013     | 0         | 49.5 | 48.2 | 62.4 | 145        | 142        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 16   | 58     | 54     | 1.634     | 0.079     | 3.422 | 0.013     | 0.01      | 0         | 49.5 | 48.2 | 62.8 | 145        | 142        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 17   | 8      | 54     | 1.624     | 0.102     | 3.419 | 0.016     | 0.013     | 0         | 49.9 | 48.6 | 63.6 | 146        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 17   | 18     | 54     | 1.611     | 0.066     | 3.419 | 0.013     | 0.01      | 0         | 49.5 | 48.6 | 64.1 | 146        | 143        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 17   | 28     | 54     | 1.644     | 0.056     | 3.415 | 0.016     | 0.013     | 0         | 49.5 | 48.6 | 64.1 | 146        | 143        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 17   | 38     | 54     | 1.667     | 0.098     | 3.415 | 0.016     | 0.016     | 0         | 49.9 | 48.6 | 64.9 | 146        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 17   | 48     | 54     | 1.657     | 0.056     | 3.415 | 0.016     | 0.013     | 0         | 49.9 | 48.6 | 63.6 | 146        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 17   | 58     | 54     | 1.657     | 0.046     | 3.412 | 0.016     | 0.016     | 0         | 49.9 | 48.6 | 64.9 | 146        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 18   | 8      | 54     | 1.647     | 0.118     | 3.412 | 0.016     | 0.013     | 0         | 49.5 | 48.6 | 65.8 | 146        | 143        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 18   | 18     | 54     | 1.64      | 0.059     | 3.412 | 0.016     | 0.013     | 0         | 49.5 | 48.6 | 65.8 | 146        | 142        | 0          | 31     | 29     |
| 2009 | 6     | 1   | 18   | 28     | 54     | 1.677     | 0.023     | 3.412 | 0.016     | 0.013     | 0         | 49.5 | 48.6 | 63.6 | 145        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 18   | 38     | 54     | 1.627     | 0.043     | 3.409 | 0.016     | 0.013     | 0         | 49.5 | 48.6 | 64.9 | 146        | 143        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 18   | 48     | 54     | 1.66      | 0.033     | 3.409 | 0.016     | 0.013     | 0         | 49   | 48.2 | 65.4 | 145        | 142        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 18   | 58     | 54     | 1.667     | 0.056     | 3.406 | 0.016     | 0.013     | 0         | 49.5 | 48.2 | 62.8 | 145        | 142        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 19   | 8      | 54     | 1.624     | 0.056     | 3.406 | 0.013     | 0.01      | 0         | 49.5 | 48.6 | 63.2 | 145        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 19   | 18     | 54     | 1.634     | 0.085     | 3.402 | 0.016     | 0.013     | 0         | 49.9 | 48.6 | 62.4 | 146        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 19   | 28     | 54     | 1.667     | 0.046     | 3.399 | 0.016     | 0.013     | 0         | 49.9 | 48.6 | 61.1 | 146        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 19   | 38     | 54     | 1.654     | 0.062     | 3.396 | 0.013     | 0.01      | 0         | 49.5 | 48.6 | 61.1 | 146        | 143        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 19   | 48     | 54     | 1.673     | 0.066     | 3.389 | 0.01      | 0.007     | 0         | 49.5 | 48.2 | 61.1 | 145        | 142        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 19   | 58     | 54     | 1.634     | 0.105     | 3.386 | 0.016     | 0.013     | 0         | 49   | 48.6 | 61.9 | 145        | 142        | 0          | 31     | 29     |
| 2009 | 6     | 1   | 20   | 8      | 54     | 1.657     | 0.056     | 3.386 | 0.013     | 0.01      | 0         | 49   | 48.2 | 62.8 | 145        | 142        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 20   | 18     | 54     | 1.614     | 0.069     | 3.383 | 0.013     | 0.01      | 0         | 49   | 47.7 | 63.2 | 144        | 141        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 20   | 28     | 54     | 1.634     | 0.059     | 3.383 | 0.016     | 0.013     | 0         | 49   | 48.2 | 64.1 | 145        | 142        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 20   | 38     | 54     | 1.64      | 0.056     | 3.379 | 0.013     | 0.01      | 0         | 48.6 | 48.6 | 63.6 | 145        | 142        | 0          | 32     | 29     |
| 2009 | 6     | 1   | 20   | 48     | 54     | 1.624     | 0.023     | 3.379 | 0.016     | 0.013     | 0         | 49   | 48.2 | 61.9 | 145        | 142        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 20   | 58     | 54     | 1.64      | 0.089     | 3.376 | 0.016     | 0.013     | 0         | 49   | 47.7 | 64.5 | 144        | 141        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 21   | 8      | 54     | 1.663     | 0.062     | 3.376 | 0.01      | 0.007     | 0         | 49   | 48.2 | 64.5 | 144        | 141        | 0          | 30     | 29     |
| 2009 | 6     | 1   | 21   | 18     | 54     | 1.624     | 0.056     | 3.373 | 0.013     | 0.01      | 0         | 48.6 | 47.7 | 64.5 | 144        | 141        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 21   | 28     | 54     | 1.68      | 0.066     | 3.373 | 0.013     | 0.01      | 0         | 48.6 | 47.7 | 64.1 | 144        | 141        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 21   | 38     | 54     | 1.631     | 0.049     | 3.373 | 0.013     | 0.01      | 0         | 49   | 47.7 | 64.9 | 144        | 141        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 21   | 48     | 54     | 1.667     | 0.075     | 3.373 | 0.01      | 0.007     | 0         | 49   | 47.7 | 64.9 | 144        | 141        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 21   | 58     | 54     | 1.647     | 0.092     | 3.369 | 0.01      | 0.007     | 0         | 48.6 | 47.7 | 64.1 | 144        | 141        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 22   | 8      | 54     | 1.647     | 0.036     | 3.369 | 0.016     | 0.013     | 0         | 48.6 | 47.7 | 64.1 | 144        | 141        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 22   | 18     | 54     | 1.637     | 0.082     | 3.366 | 0.016     | 0.013     | 0         | 49   | 47.7 | 64.5 | 144        | 141        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 22   | 28     | 54     | 1.617     | 0.062     | 3.366 | 0.013     | 0.01      | 0         | 49   | 47.7 | 64.9 | 144        | 141        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 22   | 38     | 54     | 1.631     | 0.036     | 3.363 | 0.013     | 0.01      | 0         | 49.5 | 48.6 | 62.4 | 145        | 142        | 0          | 30     | 29     |
| 2009 | 6     | 1   | 22   | 48     | 54     | 1.677     | 0.052     | 3.356 | 0.01      | 0.007     | 0         | 48.6 | 48.2 | 60.6 | 144        | 142        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 22   | 58     | 54     | 1.64      | 0.079     | 3.356 | 0.013     | 0.01      | 0         | 48.6 | 47.7 | 63.2 | 144        | 141        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 23   | 8      | 54     | 1.657     | 0.072     | 3.35  | 0.016     | 0.016     | 0         | 49.5 | 48.2 | 62.8 | 145        | 142        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 23   | 18     | 54     | 1.634     | 0.056     | 3.346 | 0.013     | 0.01      | 0         | 49.5 | 48.2 | 62.4 | 145        | 142        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 23   | 28     | 54     | 1.677     | 0.013     | 3.343 | 0.016     | 0.016     | 0         | 49   | 47.7 | 60.6 | 145        | 142        | 0          | 31     | 31     |
| 2009 | 6     | 1   | 23   | 38     | 54     | 1.654     | 0.049     | 3.343 | 0.016     | 0.013     | 0         | 49.5 | 48.2 | 62.8 | 145        | 142        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 23   | 48     | 54     | 1.663     | 0.079     | 3.34  | 0.016     | 0.013     | 0         | 49   | 48.2 | 61.5 | 145        | 142        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 23   | 58     | 54     | 1.634     | 0.075     | 3.34  | 0.013     | 0.01      | 0         | 49   | 48.2 | 63.6 | 145        | 142        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 2   | 0    | 8      | 54     | 1.624     | 0.056     | 3.337 | 0.016     | 0.016     | 0         | 49.5 | 48.2 | 64.1 | 145        | 142        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 0    | 18     | 54     | 1.64      | 0.079     | 3.337 | 0.016     | 0.013     | 0         | 49.9 | 49   | 64.5 | 146        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 2   | 0    | 28     | 54     | 1.621     | 0.01      | 3.333 | 0.013     | 0.01      | 0         | 49.9 | 48.6 | 63.2 | 146        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 0    | 38     | 54     | 1.617     | 0.066     | 3.333 | 0.016     | 0.013     | 0         | 49.5 | 48.6 | 64.5 | 146        | 143        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 0    | 48     | 54     | 1.65      | 0.062     | 3.333 | 0.016     | 0.013     | 0         | 49   | 48.6 | 63.6 | 145        | 143        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 0    | 58     | 54     | 1.67      | 0.052     | 3.33  | 0.016     | 0.013     | 0         | 49   | 48.6 | 64.5 | 146        | 143        | 0          | 32     | 30     |
| 2009 | 6     | 2   | 1    | 8      | 54     | 1.67      | 0.075     | 3.33  | 0.013     | 0.01      | 0         | 49.9 | 48.6 | 63.6 | 146        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 1    | 18     | 54     | 1.65      | 0.033     | 3.327 | 0.016     | 0.013     | 0         | 49.9 | 49   | 62.4 | 147        | 144        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 1    | 28     | 54     | 1.631     | 0.092     | 3.327 | 0.016     | 0.013     | 0         | 49.5 | 48.6 | 63.6 | 146        | 143        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 1    | 38     | 54     | 1.624     | 0.039     | 3.323 | 0.013     | 0.01      | 0         | 49.9 | 48.2 | 63.2 | 146        | 143        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 1    | 48     | 54     | 1.614     | 0.046     | 3.323 | 0.01      | 0.007     | 0         | 49.9 | 49   | 64.1 | 146        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 2   | 1    | 58     | 54     | 1.614     | 0.046     | 3.32  | 0.016     | 0.016     | 0         | 49.9 | 49   | 62.4 | 146        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 2   | 2    | 8      | 54     | 1.644     | 0.056     | 3.317 | 0.016     | 0.016     | 0         | 49.5 | 48.6 | 60.6 | 146        | 143        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 2    | 18     | 54     | 1.644     | 0.039     | 3.314 | 0.016     | 0.013     | 0         | 49.5 | 48.6 | 61.1 | 146        | 143        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 2    | 28     | 54     | 1.667     | 0.072     | 3.31  | 0.016     | 0.013     | 0         | 50.3 | 49   | 61.9 | 147        | 144        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 2    | 38     | 54     | 1.621     | 0.036     | 3.304 | 0.013     | 0.01      | 0         | 49.9 | 48.6 | 61.1 | 146        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 2    | 48     | 54     | 1.614     | 0.072     | 3.301 | 0.013     | 0.01      | 0         | 49.5 | 48.6 | 61.1 | 146        | 143        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 2    | 58     | 54     | 1.644     | 0.075     | 3.301 | 0.016     | 0.013     | 0         | 49.9 | 49   | 62.4 | 147        | 144        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 3    | 8      | 54     | 1.673     | 0.069     | 3.297 | 0.013     | 0.01      | 0         | 49.5 | 49   | 62.4 | 146        | 144        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 3    | 18     | 54     | 1.608     | 0.023     | 3.297 | 0.01      | 0.007     | 0         | 49.9 | 49   | 61.1 | 147        | 144        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 3    | 28     | 54     | 1.667     | 0         | 3.297 | 0.016     | 0.016     | 0         | 49.9 | 49   | 62.8 | 147        | 144        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 3    | 38     | 54     | 1.624     | 0.066     | 3.294 | 0.02      | 0.016     | 0         | 50.3 | 49.5 | 62.4 | 148        | 145        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 3    | 48     | 54     | 1.631     | 0.072     | 3.294 | 0.016     | 0.013     | 0         | 50.3 | 49.5 | 64.1 | 148        | 145        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 3    | 58     | 54     | 1.66      | 0.036     | 3.291 | 0.013     | 0.01      | 0         | 49.9 | 49.5 | 63.2 | 148        | 145        | 0          | 32     | 30     |
| 2009 | 6     | 2   | 4    | 8      | 54     | 1.601     | 0.075     | 3.291 | 0.016     | 0.013     | 0         | 50.3 | 49.5 | 62.8 | 148        | 145        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 4    | 18     | 54     | 1.644     | 0.089     | 3.291 | 0.016     | 0.013     | 0         | 50.7 | 49.5 | 62.4 | 148        | 145        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 4    | 28     | 54     | 1.66      | 0.082     | 3.287 | 0.016     | 0.013     | 0         | 50.3 | 49.5 | 63.2 | 148        | 145        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 4    | 38     | 54     | 1.65      | 0.066     | 3.287 | 0.016     | 0.013     | 0         | 50.7 | 49.9 | 62.4 | 148        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 4    | 48     | 54     | 1.624     | 0.062     | 3.287 | 0.013     | 0.01      | 0         | 50.3 | 49.9 | 63.6 | 148        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 4    | 58     | 54     | 1.568     | 0.082     | 3.284 | 0.016     | 0.013     | 0         | 50.3 | 49.9 | 63.6 | 148        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 5    | 8      | 54     | 1.594     | 0.046     | 3.284 | 0.016     | 0.013     | 0         | 50.3 | 49.5 | 64.5 | 148        | 145        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 5    | 18     | 54     | 1.581     | 0.079     | 3.281 | 0.013     | 0.01      | 0         | 50.3 | 49.5 | 62.8 | 148        | 145        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 5    | 28     | 54     | 1.624     | 0.079     | 3.278 | 0.016     | 0.013     | 0         | 50.7 | 49.9 | 61.9 | 149        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 5    | 38     | 54     | 1.604     | 0.056     | 3.274 | 0.013     | 0.01      | 0         | 50.3 | 49.9 | 61.9 | 148        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 5    | 48     | 54     | 1.614     | 0.066     | 3.271 | 0.016     | 0.013     | 0         | 50.3 | 49.9 | 60.6 | 148        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 5    | 58     | 54     | 1.601     | 0.075     | 3.268 | 0.013     | 0.01      | 0         | 50.7 | 49.9 | 60.6 | 149        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 6    | 8      | 54     | 1.585     | 0.089     | 3.264 | 0.016     | 0.013     | 0         | 50.3 | 49.9 | 61.5 | 148        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 6    | 18     | 54     | 1.637     | 0.079     | 3.261 | 0.016     | 0.013     | 0         | 50.7 | 49.9 | 61.9 | 149        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 6    | 28     | 54     | 1.581     | 0.082     | 3.261 | 0.01      | 0.007     | 0         | 50.3 | 49.9 | 61.9 | 148        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 6    | 38     | 54     | 1.66      | 0.056     | 3.258 | 0.013     | 0.01      | 0         | 50.7 | 49.9 | 62.4 | 149        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 6    | 48     | 54     | 1.667     | 0.03      | 3.255 | 0.013     | 0.01      | 0         | 50.7 | 49.9 | 61.1 | 149        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 6    | 58     | 54     | 1.693     | 0.052     | 3.255 | 0.02      | 0.016     | 0         | 50.7 | 49.9 | 62.4 | 148        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 7    | 8      | 54     | 1.637     | 0.089     | 3.251 | 0.016     | 0.016     | 0         | 50.7 | 49.5 | 61.9 | 148        | 145        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 7    | 18     | 54     | 1.608     | 0.112     | 3.251 | 0.016     | 0.013     | 0         | 50.3 | 49.9 | 62.8 | 148        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 7    | 28     | 54     | 1.608     | 0.036     | 3.251 | 0.013     | 0.01      | 0         | 50.3 | 49.5 | 63.6 | 148        | 145        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 7    | 38     | 54     | 1.631     | 0.079     | 3.248 | 0.013     | 0.01      | 0         | 50.3 | 49   | 64.1 | 148        | 145        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 7    | 48     | 54     | 1.644     | 0.089     | 3.248 | 0.016     | 0.013     | 0         | 50.3 | 49.9 | 64.5 | 148        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 7    | 58     | 54     | 1.588     | 0.066     | 3.248 | 0.016     | 0.013     | 0         | 50.7 | 50.3 | 64.5 | 149        | 146        | 0          | 31     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 2   | 8    | 8      | 54     | 1.68      | 0.03      | 3.245 | 0.01      | 0.007     | 0         | 50.7 | 49.5 | 61.9 | 148        | 145        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 8    | 18     | 54     | 1.617     | 0.082     | 3.245 | 0.013     | 0.01      | 0         | 50.7 | 49.9 | 64.1 | 149        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 8    | 28     | 54     | 1.621     | 0.059     | 3.245 | 0.013     | 0.01      | 0         | 50.7 | 49.9 | 63.2 | 149        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 8    | 38     | 54     | 1.621     | 0.043     | 3.241 | 0.016     | 0.013     | 0         | 50.7 | 50.3 | 60.6 | 149        | 146        | 0          | 31     | 29     |
| 2009 | 6     | 2   | 8    | 48     | 54     | 1.624     | 0.075     | 3.238 | 0.016     | 0.013     | 0         | 50.7 | 49.5 | 63.2 | 148        | 146        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 8    | 58     | 54     | 1.594     | 0.105     | 3.238 | 0.016     | 0.013     | 0         | 50.3 | 49.9 | 61.9 | 148        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 9    | 8      | 54     | 1.647     | 0.026     | 3.235 | 0.016     | 0.016     | 0         | 50.7 | 49.9 | 60.6 | 149        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 9    | 18     | 54     | 1.608     | 0.079     | 3.232 | 0.013     | 0.01      | 0         | 50.3 | 49.9 | 61.1 | 148        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 9    | 28     | 54     | 1.634     | 0.056     | 3.225 | 0.016     | 0.013     | 0         | 50.3 | 49.9 | 60.6 | 148        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 9    | 38     | 54     | 1.621     | 0.049     | 3.222 | 0.013     | 0.01      | 0         | 50.7 | 50.3 | 61.1 | 149        | 146        | 0          | 31     | 29     |
| 2009 | 6     | 2   | 9    | 48     | 54     | 1.644     | 0.056     | 3.219 | 0.016     | 0.013     | 0         | 50.7 | 49.9 | 60.6 | 149        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 9    | 58     | 54     | 1.614     | 0.056     | 3.219 | 0.013     | 0.01      | 0         | 50.7 | 49.5 | 61.1 | 149        | 146        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 10   | 8      | 54     | 1.598     | 0.075     | 3.215 | 0.016     | 0.013     | 0         | 51.2 | 50.3 | 61.5 | 149        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 2   | 10   | 18     | 54     | 1.591     | 0.052     | 3.215 | 0.01      | 0.007     | 0         | 50.3 | 49.9 | 63.2 | 148        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 10   | 28     | 54     | 1.604     | 0.085     | 3.212 | 0.016     | 0.013     | 0         | 50.3 | 49.9 | 64.5 | 148        | 145        | 0          | 31     | 29     |
| 2009 | 6     | 2   | 10   | 38     | 54     | 1.644     | 0.079     | 3.212 | 0.013     | 0.01      | 0         | 50.3 | 49.5 | 65.4 | 148        | 145        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 10   | 48     | 54     | 1.654     | 0.079     | 3.212 | 0.013     | 0.01      | 0         | 50.7 | 49.5 | 63.6 | 148        | 145        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 10   | 58     | 54     | 1.614     | 0.046     | 3.209 | 0.016     | 0.016     | 0         | 50.3 | 49   | 63.2 | 147        | 145        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 11   | 8      | 54     | 1.624     | 0.089     | 3.209 | 0.016     | 0.013     | 0         | 49.9 | 49.5 | 64.9 | 147        | 145        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 11   | 18     | 54     | 1.614     | 0.085     | 3.209 | 0.013     | 0.01      | 0         | 50.3 | 49.5 | 64.9 | 148        | 145        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 11   | 28     | 54     | 1.598     | 0.072     | 3.205 | 0.016     | 0.013     | 0         | 50.3 | 49.5 | 64.1 | 148        | 145        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 11   | 38     | 54     | 1.591     | 0.036     | 3.205 | 0.013     | 0.01      | 0         | 49.9 | 49.5 | 64.1 | 148        | 145        | 0          | 32     | 30     |
| 2009 | 6     | 2   | 11   | 48     | 54     | 1.634     | 0.033     | 3.202 | 0.016     | 0.013     | 0         | 50.3 | 49.5 | 63.2 | 148        | 145        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 11   | 58     | 54     | 1.644     | 0.079     | 3.196 | 0.02      | 0.016     | 0         | 50.7 | 49.5 | 59.8 | 149        | 145        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 12   | 8      | 54     | 1.614     | 0.056     | 3.196 | 0.016     | 0.016     | 0         | 50.7 | 49.9 | 61.1 | 149        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 12   | 18     | 54     | 1.614     | 0.098     | 3.192 | 0.013     | 0.01      | 0         | 50.7 | 49.9 | 59.3 | 149        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 12   | 28     | 54     | 1.598     | 0.098     | 3.189 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 58.5 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 12   | 38     | 54     | 1.644     | 0.072     | 3.186 | 0.013     | 0.01      | 0         | 52   | 51.6 | 60.6 | 152        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 12   | 48     | 54     | 1.634     | 0.072     | 3.186 | 0.016     | 0.016     | 0         | 51.2 | 50.3 | 60.2 | 150        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 12   | 58     | 54     | 1.572     | 0.095     | 3.182 | 0.02      | 0.016     | 0         | 51.2 | 50.3 | 61.5 | 150        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 13   | 8      | 54     | 1.631     | 0.036     | 3.179 | 0.013     | 0.01      | 0         | 50.7 | 49.9 | 62.4 | 149        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 13   | 18     | 54     | 1.667     | 0.043     | 3.176 | 0.016     | 0.013     | 0         | 50.7 | 49.9 | 62.4 | 149        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 13   | 28     | 54     | 1.578     | 0.072     | 3.176 | 0.02      | 0.016     | 0         | 50.7 | 49   | 62.8 | 148        | 145        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 13   | 38     | 54     | 1.624     | 0.072     | 3.176 | 0.016     | 0.013     | 0         | 50.3 | 49.9 | 61.9 | 148        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 13   | 48     | 54     | 1.667     | 0.036     | 3.176 | 0.016     | 0.013     | 0         | 50.7 | 49.9 | 63.2 | 148        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 13   | 58     | 54     | 1.634     | 0.043     | 3.173 | 0.016     | 0.013     | 0         | 50.7 | 49.5 | 60.6 | 148        | 145        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 14   | 8      | 54     | 1.634     | 0.046     | 3.173 | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 60.6 | 149        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 14   | 18     | 54     | 1.614     | 0.023     | 3.169 | 0.016     | 0.016     | 0         | 51.2 | 50.3 | 62.4 | 149        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 14   | 28     | 54     | 1.611     | 0.066     | 3.169 | 0.016     | 0.013     | 0         | 51.2 | 50.3 | 61.5 | 150        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 14   | 38     | 54     | 1.581     | 0.069     | 3.166 | 0.013     | 0.01      | 0         | 50.7 | 49.9 | 61.9 | 149        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 14   | 48     | 54     | 1.585     | 0.033     | 3.159 | 0.016     | 0.013     | 0         | 50.7 | 50.3 | 59.8 | 149        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 14   | 58     | 54     | 1.594     | 0.102     | 3.156 | 0.016     | 0.013     | 0         | 50.7 | 49.9 | 61.5 | 149        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 15   | 8      | 54     | 1.601     | 0.102     | 3.153 | 0.013     | 0.01      | 0         | 50.7 | 49.9 | 61.9 | 149        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 15   | 18     | 54     | 1.627     | 0.039     | 3.15  | 0.013     | 0.01      | 0         | 51.2 | 49.9 | 62.4 | 149        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 15   | 28     | 54     | 1.64      | 0.072     | 3.146 | 0.013     | 0.01      | 0         | 51.2 | 49.9 | 61.9 | 149        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 15   | 38     | 54     | 1.588     | 0.059     | 3.146 | 0.016     | 0.013     | 0         | 50.3 | 49.5 | 61.5 | 148        | 145        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 15   | 48     | 54     | 1.558     | 0.098     | 3.143 | 0.016     | 0.016     | 0         | 51.2 | 49.9 | 63.2 | 149        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 15   | 58     | 54     | 1.585     | 0.082     | 3.143 | 0.016     | 0.013     | 0         | 50.3 | 49.9 | 64.5 | 148        | 145        | 0          | 31     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 2   | 16   | 8      | 54     | 1.594     | 0.036     | 3.14  | 0.016     | 0.013     | 0         | 51.2 | 49.5 | 63.6 | 149        | 145        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 16   | 18     | 54     | 1.614     | 0.023     | 3.14  | 0.016     | 0.013     | 0         | 50.7 | 49.5 | 64.1 | 148        | 145        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 16   | 28     | 54     | 1.598     | 0.043     | 3.14  | 0.016     | 0.013     | 0         | 50.3 | 49.5 | 65.8 | 148        | 145        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 16   | 38     | 54     | 1.604     | 0.095     | 3.136 | 0.013     | 0.01      | 0         | 50.3 | 49.9 | 64.1 | 148        | 145        | 0          | 31     | 29     |
| 2009 | 6     | 2   | 16   | 48     | 54     | 1.601     | 0.052     | 3.136 | 0.013     | 0.01      | 0         | 50.7 | 49.5 | 64.9 | 148        | 145        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 16   | 58     | 54     | 1.578     | 0.066     | 3.136 | 0.013     | 0.01      | 0         | 50.7 | 49   | 64.9 | 148        | 144        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 17   | 8      | 54     | 1.611     | 0.056     | 3.133 | 0.013     | 0.01      | 0         | 50.7 | 49   | 64.5 | 148        | 144        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 17   | 18     | 54     | 1.594     | 0.056     | 3.13  | 0.016     | 0.016     | 0         | 50.3 | 49.5 | 61.9 | 148        | 145        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 17   | 28     | 54     | 1.654     | 0.043     | 3.13  | 0.016     | 0.013     | 0         | 50.7 | 49.9 | 58   | 149        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 17   | 38     | 54     | 1.608     | 0.03      | 3.127 | 0.016     | 0.013     | 0         | 51.2 | 50.3 | 58   | 150        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 17   | 48     | 54     | 1.637     | 0.046     | 3.123 | 0.01      | 0.007     | 0         | 51.2 | 49.9 | 60.6 | 150        | 147        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 17   | 58     | 54     | 1.614     | 0.085     | 3.12  | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 57.6 | 149        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 18   | 8      | 54     | 1.617     | 0.016     | 3.117 | 0.016     | 0.013     | 0         | 52   | 50.7 | 58   | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 18   | 18     | 54     | 1.598     | 0.043     | 3.12  | 0.013     | 0.01      | 0         | 52   | 50.7 | 55   | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 18   | 28     | 54     | 1.611     | 0.003     | 3.11  | 0.016     | 0.013     | 0         | 52   | 50.7 | 58.9 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 18   | 38     | 54     | 1.578     | 0.056     | 3.11  | 0.016     | 0.016     | 0         | 51.6 | 50.3 | 59.3 | 150        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 18   | 48     | 54     | 1.608     | 0.056     | 3.11  | 0.016     | 0.016     | 0         | 51.2 | 50.3 | 59.3 | 150        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 18   | 58     | 54     | 1.627     | 0.033     | 3.107 | 0.013     | 0.01      | 0         | 50.7 | 50.7 | 60.2 | 149        | 147        | 0          | 31     | 29     |
| 2009 | 6     | 2   | 19   | 8      | 54     | 1.608     | 0.056     | 3.104 | 0.016     | 0.016     | 0         | 50.7 | 49.9 | 64.1 | 149        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 19   | 18     | 54     | 1.555     | 0.089     | 3.104 | 0.013     | 0.01      | 0         | 50.7 | 49.9 | 61.5 | 149        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 19   | 28     | 54     | 1.64      | 0.059     | 3.1   | 0.016     | 0.013     | 0         | 50.7 | 49.9 | 62.8 | 149        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 19   | 38     | 54     | 1.585     | 0.066     | 3.1   | 0.013     | 0.01      | 0         | 50.3 | 49   | 63.6 | 148        | 145        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 19   | 48     | 54     | 1.591     | 0.072     | 3.1   | 0.013     | 0.01      | 0         | 50.7 | 49.5 | 64.5 | 148        | 145        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 19   | 58     | 54     | 1.64      | 0.069     | 3.1   | 0.016     | 0.013     | 0         | 50.3 | 49.5 | 61.9 | 148        | 145        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 20   | 8      | 54     | 1.598     | 0.085     | 3.097 | 0.013     | 0.01      | 0         | 51.2 | 49.9 | 62.4 | 149        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 20   | 18     | 54     | 1.601     | 0.062     | 3.097 | 0.016     | 0.013     | 0         | 50.7 | 49.9 | 62.4 | 149        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 20   | 28     | 54     | 1.591     | 0.01      | 3.094 | 0.016     | 0.016     | 0         | 51.2 | 50.3 | 62.4 | 149        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 2   | 20   | 38     | 54     | 1.594     | 0.046     | 3.094 | 0.013     | 0.01      | 0         | 50.7 | 50.3 | 62.4 | 149        | 146        | 0          | 31     | 29     |
| 2009 | 6     | 2   | 20   | 48     | 54     | 1.588     | 0.069     | 3.091 | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 61.9 | 149        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 20   | 58     | 54     | 1.588     | 0.023     | 3.087 | 0.016     | 0.016     | 0         | 50.7 | 49.9 | 60.6 | 149        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 21   | 8      | 54     | 1.519     | 0.062     | 3.084 | 0.016     | 0.016     | 0         | 51.2 | 50.3 | 59.3 | 149        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 2   | 21   | 18     | 54     | 1.601     | 0.056     | 3.084 | 0.016     | 0.016     | 0         | 51.2 | 49.9 | 58.9 | 149        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 21   | 28     | 54     | 1.621     | 0.01      | 3.081 | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 59.8 | 149        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 21   | 38     | 54     | 1.608     | 0.046     | 3.077 | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 60.2 | 149        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 21   | 48     | 54     | 1.604     | 0.095     | 3.074 | 0.016     | 0.016     | 0         | 50.7 | 50.3 | 60.2 | 149        | 146        | 0          | 31     | 29     |
| 2009 | 6     | 2   | 21   | 58     | 54     | 1.552     | 0.056     | 3.071 | 0.013     | 0.01      | 0         | 51.2 | 49.9 | 61.5 | 149        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 22   | 8      | 54     | 1.572     | 0.052     | 3.071 | 0.016     | 0.013     | 0         | 51.2 | 50.3 | 60.2 | 149        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 2   | 22   | 18     | 54     | 1.617     | 0.082     | 3.068 | 0.02      | 0.016     | 0         | 50.7 | 49.9 | 61.5 | 149        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 22   | 28     | 54     | 1.578     | 0.066     | 3.068 | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 62.4 | 149        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 22   | 38     | 54     | 1.608     | 0.052     | 3.068 | 0.016     | 0.016     | 0         | 51.2 | 49.9 | 62.8 | 149        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 22   | 48     | 54     | 1.562     | 0.095     | 3.064 | 0.016     | 0.016     | 0         | 51.2 | 49.9 | 61.5 | 149        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 22   | 58     | 54     | 1.608     | 0.033     | 3.064 | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 63.2 | 149        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 23   | 8      | 54     | 1.594     | 0.056     | 3.061 | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 64.1 | 149        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 2   | 23   | 18     | 54     | 1.611     | 0.016     | 3.061 | 0.016     | 0.016     | 0         | 50.7 | 49.9 | 63.6 | 148        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 2   | 23   | 28     | 54     | 1.555     | 0.062     | 3.061 | 0.016     | 0.013     | 0         | 50.7 | 49.9 | 64.1 | 149        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 23   | 38     | 54     | 1.621     | 0.033     | 3.058 | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 63.2 | 149        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 23   | 48     | 54     | 1.621     | 0.056     | 3.058 | 0.016     | 0.013     | 0         | 51.2 | 49.5 | 63.6 | 149        | 145        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 23   | 58     | 54     | 1.647     | 0.036     | 3.054 | 0.016     | 0.013     | 0         | 50.7 | 49.9 | 64.1 | 149        | 146        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 3   | 0    | 8      | 54     | 1.572     | 0.033     | 3.054 | 0.016     | 0.016     | 0         | 51.2 | 49.9 | 61.1 | 149        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 0    | 18     | 54     | 1.611     | 0.056     | 3.048 | 0.016     | 0.016     | 0         | 50.7 | 49.9 | 62.4 | 149        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 0    | 28     | 54     | 1.617     | 0.043     | 3.048 | 0.016     | 0.013     | 0         | 50.7 | 49.5 | 61.1 | 149        | 145        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 0    | 38     | 54     | 1.617     | 0.056     | 3.045 | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 60.2 | 149        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 0    | 48     | 54     | 1.591     | 0.098     | 3.041 | 0.016     | 0.013     | 0         | 51.6 | 49.9 | 61.9 | 150        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 0    | 58     | 54     | 1.552     | 0.046     | 3.038 | 0.013     | 0.01      | 0         | 51.2 | 50.3 | 60.6 | 150        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 1    | 8      | 54     | 1.526     | 0.082     | 3.035 | 0.013     | 0.01      | 0         | 51.6 | 50.7 | 60.2 | 150        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 1    | 18     | 54     | 1.591     | 0.046     | 3.035 | 0.013     | 0.01      | 0         | 51.2 | 50.3 | 61.5 | 150        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 1    | 28     | 54     | 1.575     | 0.082     | 3.031 | 0.013     | 0.01      | 0         | 51.6 | 50.3 | 61.5 | 150        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 1    | 38     | 54     | 1.601     | 0.072     | 3.028 | 0.016     | 0.016     | 0         | 51.2 | 50.3 | 63.2 | 150        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 1    | 48     | 54     | 1.545     | 0.033     | 3.028 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 62.4 | 150        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 1    | 58     | 54     | 1.588     | 0.039     | 3.025 | 0.016     | 0.016     | 0         | 51.6 | 50.3 | 62.4 | 151        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 2    | 8      | 54     | 1.611     | 0.043     | 3.025 | 0.016     | 0.013     | 0         | 51.2 | 50.3 | 64.1 | 150        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 2    | 18     | 54     | 1.591     | 0.069     | 3.025 | 0.013     | 0.01      | 0         | 51.2 | 50.3 | 63.2 | 150        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 2    | 28     | 54     | 1.604     | 0.069     | 3.022 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 63.2 | 150        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 2    | 38     | 54     | 1.591     | 0.036     | 3.022 | 0.013     | 0.01      | 0         | 51.2 | 50.3 | 63.6 | 150        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 2    | 48     | 54     | 1.624     | 0.105     | 3.022 | 0.02      | 0.016     | 0         | 51.2 | 50.3 | 64.1 | 150        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 2    | 58     | 54     | 1.627     | -0.01     | 3.018 | 0.016     | 0.013     | 0         | 51.2 | 50.3 | 63.6 | 150        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 3    | 8      | 54     | 1.578     | 0.039     | 3.018 | 0.013     | 0.01      | 0         | 51.6 | 50.3 | 63.6 | 150        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 3    | 18     | 54     | 1.627     | 0.043     | 3.018 | 0.016     | 0.016     | 0         | 51.6 | 50.3 | 63.2 | 150        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 3    | 28     | 54     | 1.621     | 0.036     | 3.015 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 63.2 | 151        | 147        | 0          | 31     | 29     |
| 2009 | 6     | 3   | 3    | 38     | 54     | 1.608     | 0.003     | 3.015 | 0.016     | 0.013     | 0         | 56.3 | 54.2 | 58.5 | 161        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 3    | 48     | 54     | 1.575     | 0.043     | 3.012 | 0.016     | 0.013     | 0         | 56.3 | 55   | 60.2 | 162        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 3    | 58     | 54     | 1.588     | 0.043     | 3.012 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 61.1 | 158        | 154        | 0          | 32     | 30     |
| 2009 | 6     | 3   | 4    | 8      | 54     | 1.601     | 0.059     | 3.009 | 0.016     | 0.016     | 0         | 53.3 | 52   | 59.8 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 4    | 18     | 54     | 1.611     | 0.056     | 3.005 | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 61.9 | 154        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 4    | 28     | 54     | 1.588     | 0.072     | 3.002 | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 61.1 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 4    | 38     | 54     | 1.637     | 0.03      | 2.999 | 0.016     | 0.013     | 0         | 52.9 | 50.7 | 59.8 | 153        | 149        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 4    | 48     | 54     | 1.66      | 0.007     | 2.995 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 58.9 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 4    | 58     | 54     | 1.617     | 0.066     | 2.992 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 61.5 | 153        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 5    | 8      | 54     | 1.614     | 0.016     | 2.989 | 0.016     | 0.013     | 0         | 52   | 51.2 | 60.6 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 5    | 18     | 54     | 1.624     | 0.052     | 2.986 | 0.016     | 0.013     | 0         | 52   | 51.2 | 61.1 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 5    | 28     | 54     | 1.604     | 0.026     | 2.986 | 0.016     | 0.016     | 0         | 52   | 51.2 | 61.5 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 5    | 38     | 54     | 1.594     | 0.066     | 2.986 | 0.013     | 0.01      | 0         | 52.5 | 50.7 | 61.9 | 152        | 149        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 5    | 48     | 54     | 1.598     | 0.056     | 2.982 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 64.5 | 153        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 5    | 58     | 54     | 1.624     | 0.043     | 2.982 | 0.016     | 0.013     | 0         | 52   | 51.2 | 63.2 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 6    | 8      | 54     | 1.591     | 0.066     | 2.979 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 64.1 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 6    | 18     | 54     | 1.617     | 0.062     | 2.979 | 0.016     | 0.013     | 0         | 52   | 50.7 | 62.4 | 152        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 6    | 28     | 54     | 1.627     | 0.079     | 2.979 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 64.5 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 6    | 38     | 54     | 1.545     | 0.023     | 2.979 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 64.5 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 6    | 48     | 54     | 1.627     | 0.026     | 2.976 | 0.016     | 0.016     | 0         | 51.2 | 50.3 | 63.6 | 150        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 6    | 58     | 54     | 1.565     | 0.03      | 2.976 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 62.8 | 151        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 7    | 8      | 54     | 1.611     | 0.059     | 2.976 | 0.016     | 0.013     | 0         | 51.2 | 50.3 | 62.8 | 150        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 7    | 18     | 54     | 1.568     | 0.092     | 2.972 | 0.016     | 0.013     | 0         | 51.2 | 50.3 | 63.2 | 150        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 7    | 28     | 54     | 1.601     | 0.043     | 2.972 | 0.016     | 0.016     | 0         | 51.6 | 50.3 | 63.6 | 151        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 7    | 38     | 54     | 1.614     | 0.036     | 2.969 | 0.016     | 0.013     | 0         | 52   | 50.3 | 62.8 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 7    | 48     | 54     | 1.588     | 0.056     | 2.966 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 61.1 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 7    | 58     | 54     | 1.617     | 0.043     | 2.963 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 61.1 | 151        | 148        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 3   | 8    | 8      | 54     | 1.575     | 0.049     | 2.959 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 60.2 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 8    | 18     | 54     | 1.611     | 0.066     | 2.959 | 0.016     | 0.016     | 0         | 52   | 51.2 | 60.6 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 8    | 28     | 54     | 1.598     | 0.062     | 2.953 | 0.016     | 0.016     | 0         | 52   | 50.3 | 59.8 | 152        | 148        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 8    | 38     | 54     | 1.568     | 0.059     | 2.949 | 0.016     | 0.016     | 0         | 52   | 51.6 | 61.1 | 152        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 3   | 8    | 48     | 54     | 1.585     | 0.056     | 2.946 | 0.016     | 0.013     | 0         | 52   | 50.7 | 61.9 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 8    | 58     | 54     | 1.647     | 0.01      | 2.946 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 61.1 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 9    | 8      | 54     | 1.585     | 0.043     | 2.943 | 0.016     | 0.013     | 0         | 52   | 50.3 | 60.2 | 151        | 148        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 9    | 18     | 54     | 1.578     | 0.056     | 2.943 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 60.6 | 151        | 149        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 9    | 28     | 54     | 1.558     | 0.036     | 2.943 | 0.016     | 0.013     | 0         | 52   | 51.2 | 60.2 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 9    | 38     | 54     | 1.565     | 0.062     | 2.943 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 55   | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 9    | 48     | 54     | 1.617     | 0.02      | 2.94  | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 56.8 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 9    | 58     | 54     | 1.568     | 0.013     | 2.94  | 0.016     | 0.013     | 0         | 54.2 | 53.3 | 61.1 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 10   | 8      | 54     | 1.614     | 0.033     | 2.936 | 0.016     | 0.016     | 0         | 53.3 | 52   | 61.9 | 156        | 152        | 0          | 32     | 31     |
| 2009 | 6     | 3   | 10   | 18     | 54     | 1.621     | 0.043     | 2.936 | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 63.2 | 154        | 151        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 10   | 28     | 54     | 1.594     | 0.059     | 2.936 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 64.9 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 10   | 38     | 54     | 1.581     | 0.036     | 2.933 | 0.016     | 0.016     | 0         | 52   | 51.6 | 63.2 | 152        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 10   | 48     | 54     | 1.594     | 0.043     | 2.933 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 64.1 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 10   | 58     | 54     | 1.585     | -0.02     | 2.933 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 61.1 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 11   | 8      | 54     | 1.598     | 0.03      | 2.93  | 0.016     | 0.013     | 0         | 52   | 51.2 | 61.5 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 11   | 18     | 54     | 1.588     | 0.046     | 2.93  | 0.016     | 0.013     | 0         | 52   | 51.2 | 61.5 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 11   | 28     | 54     | 1.627     | 0.036     | 2.927 | 0.016     | 0.013     | 0         | 51.6 | 51.2 | 61.5 | 151        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 11   | 38     | 54     | 1.614     | 0.013     | 2.923 | 0.016     | 0.013     | 0         | 52   | 51.2 | 59.8 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 11   | 48     | 54     | 1.631     | 0.01      | 2.923 | 0.016     | 0.016     | 0         | 52   | 51.2 | 61.1 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 11   | 58     | 54     | 1.562     | 0.023     | 2.917 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 61.5 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 12   | 8      | 54     | 1.621     | 0.026     | 2.917 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 60.2 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 12   | 18     | 54     | 1.624     | 0.043     | 2.913 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 60.2 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 12   | 28     | 54     | 1.598     | 0.033     | 2.907 | 0.016     | 0.013     | 0         | 52   | 50.3 | 61.9 | 152        | 148        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 12   | 38     | 54     | 1.644     | 0         | 2.907 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 61.1 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 12   | 48     | 54     | 1.562     | 0.036     | 2.904 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 62.8 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 12   | 58     | 54     | 1.617     | 0.052     | 2.904 | 0.016     | 0.013     | 0         | 51.2 | 48.6 | 63.2 | 150        | 143        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 13   | 8      | 54     | 1.545     | 0.062     | 2.9   | 0.016     | 0.016     | 0         | 51.6 | 48.6 | 62.8 | 151        | 143        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 13   | 18     | 54     | 1.552     | 0.01      | 2.9   | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 64.5 | 151        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 13   | 28     | 54     | 1.591     | 0.016     | 2.9   | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 62.4 | 150        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 13   | 38     | 54     | 1.581     | 0.016     | 2.897 | 0.016     | 0.016     | 0         | 51.2 | 50.3 | 64.1 | 150        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 13   | 48     | 54     | 1.608     | 0.049     | 2.897 | 0.016     | 0.013     | 0         | 51.2 | 50.7 | 63.2 | 150        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 13   | 58     | 54     | 1.601     | 0.043     | 2.897 | 0.016     | 0.013     | 0         | 52   | 50.7 | 61.1 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 14   | 8      | 54     | 1.581     | 0.036     | 2.894 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 60.6 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 14   | 18     | 54     | 1.621     | 0.056     | 2.894 | 0.016     | 0.016     | 0         | 51.6 | 50.3 | 62.4 | 151        | 148        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 14   | 28     | 54     | 1.549     | 0.085     | 2.894 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 61.9 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 14   | 38     | 54     | 1.578     | 0.079     | 2.89  | 0.016     | 0.013     | 0         | 52   | 50.7 | 62.8 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 14   | 48     | 54     | 1.549     | 0.007     | 2.89  | 0.016     | 0.016     | 0         | 51.2 | 50.7 | 61.9 | 151        | 148        | 0          | 32     | 30     |
| 2009 | 6     | 3   | 14   | 58     | 54     | 1.578     | 0.059     | 2.887 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 62.4 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 15   | 8      | 54     | 1.522     | 0.085     | 2.884 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 59.3 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 15   | 18     | 54     | 1.572     | 0.049     | 2.884 | 0.016     | 0.013     | 0         | 52   | 50.7 | 58.9 | 153        | 149        | 0          | 32     | 31     |
| 2009 | 6     | 3   | 15   | 28     | 54     | 1.575     | 0.056     | 2.881 | 0.016     | 0.013     | 0         | 52   | 51.2 | 60.2 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 15   | 38     | 54     | 1.611     | 0.036     | 2.877 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 60.6 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 15   | 48     | 54     | 1.572     | 0.066     | 2.877 | 0.016     | 0.016     | 0         | 51.6 | 50.3 | 60.6 | 151        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 15   | 58     | 54     | 1.555     | 0.043     | 2.874 | 0.013     | 0.01      | 0         | 51.6 | 50.7 | 58.9 | 151        | 148        | 0          | 31     | 30     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 3   | 16   | 8      | 54     | 1.575     | 0.066     | 2.867 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 59.3 | 153        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 16   | 18     | 54     | 1.601     | 0.072     | 2.867 | 0.016     | 0.016     | 0         | 53.3 | 51.6 | 60.2 | 154        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 16   | 28     | 54     | 1.588     | 0.056     | 2.867 | 0.016     | 0.016     | 0         | 53.3 | 52   | 60.6 | 155        | 152        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 16   | 38     | 54     | 1.591     | 0.085     | 2.867 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 58.5 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 16   | 48     | 54     | 1.522     | 0.075     | 2.867 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 59.3 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 16   | 58     | 54     | 1.578     | 0.069     | 2.867 | 0.02      | 0.016     | 0         | 54.2 | 53.8 | 59.3 | 157        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 17   | 8      | 54     | 1.588     | 0.056     | 2.867 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 59.3 | 157        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 17   | 18     | 54     | 1.624     | 0.043     | 2.864 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 59.8 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 17   | 28     | 54     | 1.558     | 0.079     | 2.864 | 0.016     | 0.016     | 0         | 53.8 | 53.3 | 59.8 | 156        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 17   | 38     | 54     | 1.558     | 0.066     | 2.864 | 0.016     | 0.013     | 0         | 54.2 | 52.9 | 60.6 | 157        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 17   | 48     | 54     | 1.578     | 0.085     | 2.864 | 0.016     | 0.013     | 0         | 53.8 | 52.9 | 60.6 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 17   | 58     | 54     | 1.594     | 0.072     | 2.861 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 61.1 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 18   | 8      | 54     | 1.581     | 0.056     | 2.861 | 0.02      | 0.016     | 0         | 53.3 | 52.9 | 61.5 | 155        | 152        | 0          | 31     | 29     |
| 2009 | 6     | 3   | 18   | 18     | 54     | 1.568     | 0.079     | 2.861 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 63.2 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 18   | 28     | 54     | 1.608     | 0.033     | 2.861 | 0.013     | 0.01      | 0         | 53.3 | 52   | 61.9 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 18   | 38     | 54     | 1.575     | 0.082     | 2.861 | 0.013     | 0.01      | 0         | 52.9 | 51.6 | 63.6 | 154        | 151        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 18   | 48     | 54     | 1.631     | 0.026     | 2.858 | 0.013     | 0.01      | 0         | 53.3 | 51.6 | 63.2 | 154        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 18   | 58     | 54     | 1.598     | 0.03      | 2.858 | 0.016     | 0.013     | 0         | 52.9 | 52   | 61.9 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 19   | 8      | 54     | 1.604     | 0.02      | 2.858 | 0.02      | 0.016     | 0         | 52.9 | 51.6 | 64.5 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 19   | 18     | 54     | 1.549     | 0.066     | 2.858 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 62.8 | 153        | 150        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 19   | 28     | 54     | 1.581     | 0.089     | 2.854 | 0.016     | 0.013     | 0         | 52.5 | 50.7 | 64.9 | 153        | 149        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 19   | 38     | 54     | 1.601     | 0.043     | 2.854 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 61.9 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 19   | 48     | 54     | 1.581     | 0.033     | 2.854 | 0.023     | 0.02      | 0         | 52.5 | 51.6 | 63.2 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 19   | 58     | 54     | 1.601     | 0.033     | 2.851 | 0.016     | 0.016     | 0         | 52   | 51.2 | 62.8 | 152        | 150        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 20   | 8      | 54     | 1.568     | 0.02      | 2.851 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.9 | 153        | 150        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 20   | 18     | 54     | 1.601     | 0.052     | 2.848 | 0.02      | 0.016     | 0         | 52.5 | 50.7 | 62.8 | 153        | 149        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 20   | 28     | 54     | 1.575     | 0.046     | 2.848 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 61.1 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 20   | 38     | 54     | 1.585     | 0.043     | 2.844 | 0.016     | 0.016     | 0         | 52   | 51.2 | 62.8 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 20   | 48     | 54     | 1.572     | 0.066     | 2.841 | 0.016     | 0.016     | 0         | 52   | 50.7 | 61.5 | 152        | 149        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 20   | 58     | 54     | 1.575     | 0.062     | 2.841 | 0.016     | 0.013     | 0         | 52   | 50.3 | 61.5 | 152        | 148        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 21   | 8      | 54     | 1.572     | 0.079     | 2.835 | 0.016     | 0.016     | 0         | 52   | 51.2 | 61.5 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 21   | 18     | 54     | 1.601     | 0.056     | 2.835 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 61.1 | 152        | 149        | 0          | 32     | 31     |
| 2009 | 6     | 3   | 21   | 28     | 54     | 1.585     | 0.033     | 2.828 | 0.016     | 0.013     | 0         | 52   | 51.2 | 59.8 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 21   | 38     | 54     | 1.591     | 0.033     | 2.828 | 0.013     | 0.01      | 0         | 51.6 | 50.7 | 61.9 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 21   | 48     | 54     | 1.588     | 0.072     | 2.825 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 62.4 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 21   | 58     | 54     | 1.578     | 0.089     | 2.825 | 0.016     | 0.013     | 0         | 52   | 50.7 | 61.9 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 22   | 8      | 54     | 1.545     | 0.039     | 2.825 | 0.016     | 0.013     | 0         | 51.6 | 51.2 | 63.2 | 151        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 3   | 22   | 18     | 54     | 1.552     | 0.075     | 2.825 | 0.016     | 0.013     | 0         | 52   | 50.7 | 64.1 | 152        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 22   | 28     | 54     | 1.552     | 0.049     | 2.822 | 0.016     | 0.016     | 0         | 52   | 51.2 | 61.9 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 22   | 38     | 54     | 1.624     | 0.016     | 2.822 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 62.4 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 22   | 48     | 54     | 1.585     | 0.023     | 2.818 | 0.013     | 0.01      | 0         | 52.5 | 50.7 | 63.2 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 22   | 58     | 54     | 1.562     | 0.118     | 2.818 | 0.02      | 0.016     | 0         | 51.6 | 50.3 | 63.2 | 151        | 148        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 23   | 8      | 54     | 1.565     | 0.056     | 2.818 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 62.8 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 23   | 18     | 54     | 1.591     | 0.049     | 2.818 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 63.6 | 151        | 148        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 23   | 28     | 54     | 1.519     | 0.092     | 2.815 | 0.016     | 0.013     | 0         | 51.6 | 51.2 | 64.1 | 151        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 23   | 38     | 54     | 1.565     | 0.033     | 2.815 | 0.016     | 0.016     | 0         | 51.6 | 51.2 | 64.1 | 151        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 23   | 48     | 54     | 1.568     | 0.036     | 2.815 | 0.016     | 0.016     | 0         | 52   | 50.7 | 63.2 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 23   | 58     | 54     | 1.562     | 0.046     | 2.815 | 0.016     | 0.013     | 0         | 51.2 | 51.2 | 64.5 | 151        | 149        | 0          | 32     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 4   | 0    | 8      | 54     | 1.604     | 0.046     | 2.812 | 0.02      | 0.016     | 0         | 52   | 51.2 | 61.9 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 0    | 18     | 54     | 1.545     | 0.092     | 2.812 | 0.016     | 0.013     | 0         | 52   | 51.2 | 63.2 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 0    | 28     | 54     | 1.555     | 0.043     | 2.812 | 0.02      | 0.016     | 0         | 51.2 | 50.7 | 63.2 | 151        | 148        | 0          | 32     | 30     |
| 2009 | 6     | 4   | 0    | 38     | 54     | 1.585     | 0.023     | 2.808 | 0.016     | 0.016     | 0         | 51.6 | 51.2 | 63.6 | 151        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 0    | 48     | 54     | 1.542     | 0.079     | 2.808 | 0.016     | 0.016     | 0         | 52   | 51.2 | 61.9 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 0    | 58     | 54     | 1.594     | 0.066     | 2.808 | 0.016     | 0.016     | 0         | 52   | 51.2 | 63.2 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 1    | 8      | 54     | 1.558     | 0.059     | 2.805 | 0.016     | 0.013     | 0         | 52   | 51.2 | 61.9 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 1    | 18     | 54     | 1.585     | 0.049     | 2.802 | 0.013     | 0.01      | 0         | 52   | 51.2 | 62.4 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 1    | 28     | 54     | 1.581     | 0.026     | 2.802 | 0.016     | 0.016     | 0         | 52   | 50.7 | 61.1 | 152        | 149        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 1    | 38     | 54     | 1.611     | 0.075     | 2.799 | 0.016     | 0.016     | 0         | 52   | 50.7 | 61.5 | 152        | 149        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 1    | 48     | 54     | 1.558     | 0.056     | 2.795 | 0.016     | 0.016     | 0         | 52   | 51.2 | 58.9 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 1    | 58     | 54     | 1.578     | 0.082     | 2.792 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 61.1 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 2    | 8      | 54     | 1.575     | 0.072     | 2.789 | 0.016     | 0.013     | 0         | 52   | 51.2 | 59.8 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 2    | 18     | 54     | 1.565     | 0.072     | 2.785 | 0.02      | 0.016     | 0         | 52.5 | 50.7 | 60.6 | 152        | 149        | 0          | 30     | 31     |
| 2009 | 6     | 4   | 2    | 28     | 54     | 1.562     | 0.052     | 2.785 | 0.016     | 0.016     | 0         | 52   | 50.7 | 61.9 | 152        | 149        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 2    | 38     | 54     | 1.621     | 0.052     | 2.782 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 60.6 | 151        | 149        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 2    | 48     | 54     | 1.611     | 0.046     | 2.782 | 0.02      | 0.016     | 0         | 51.6 | 50.7 | 61.5 | 151        | 149        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 2    | 58     | 54     | 1.565     | 0.082     | 2.782 | 0.023     | 0.02      | 0         | 51.6 | 51.2 | 61.5 | 151        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 3    | 8      | 54     | 1.539     | 0.092     | 2.779 | 0.016     | 0.013     | 0         | 52   | 51.2 | 62.8 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 3    | 18     | 54     | 1.608     | 0.039     | 2.779 | 0.016     | 0.016     | 0         | 51.6 | 51.2 | 63.2 | 151        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 3    | 28     | 54     | 1.549     | 0.105     | 2.779 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 63.2 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 3    | 38     | 54     | 1.591     | 0.066     | 2.776 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 62.8 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 3    | 48     | 54     | 1.617     | 0.049     | 2.776 | 0.016     | 0.016     | 0         | 51.6 | 51.2 | 63.2 | 151        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 3    | 58     | 54     | 1.572     | 0.056     | 2.776 | 0.016     | 0.016     | 0         | 51.6 | 50.3 | 62.8 | 151        | 148        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 4    | 8      | 54     | 1.542     | 0.056     | 2.772 | 0.016     | 0.016     | 0         | 52   | 50.7 | 64.5 | 152        | 149        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 4    | 18     | 54     | 1.572     | 0.085     | 2.772 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 63.6 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 4    | 28     | 54     | 1.611     | 0.102     | 2.772 | 0.016     | 0.013     | 0         | 51.6 | 51.2 | 63.6 | 151        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 4    | 38     | 54     | 1.601     | 0.056     | 2.772 | 0.016     | 0.016     | 0         | 51.6 | 51.2 | 65.4 | 151        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 4    | 48     | 54     | 1.608     | 0.049     | 2.769 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 64.5 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 4    | 58     | 54     | 1.578     | 0.066     | 2.769 | 0.016     | 0.016     | 0         | 52   | 50.7 | 63.6 | 152        | 149        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 5    | 8      | 54     | 1.608     | 0.033     | 2.769 | 0.013     | 0.01      | 0         | 51.6 | 51.2 | 63.6 | 151        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 5    | 18     | 54     | 1.568     | 0.033     | 2.769 | 0.02      | 0.016     | 0         | 51.6 | 51.2 | 64.1 | 152        | 149        | 0          | 32     | 30     |
| 2009 | 6     | 4   | 5    | 28     | 54     | 1.601     | 0.016     | 2.766 | 0.016     | 0.013     | 0         | 52   | 51.2 | 63.6 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 5    | 38     | 54     | 1.627     | 0.043     | 2.766 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 63.2 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 5    | 48     | 54     | 1.562     | 0.056     | 2.766 | 0.016     | 0.016     | 0         | 52   | 51.2 | 64.1 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 5    | 58     | 54     | 1.598     | 0.039     | 2.762 | 0.016     | 0.016     | 0         | 52   | 51.2 | 62.4 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 6    | 8      | 54     | 1.575     | 0.052     | 2.762 | 0.016     | 0.013     | 0         | 51.6 | 51.2 | 62.8 | 151        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 6    | 18     | 54     | 1.568     | 0.033     | 2.762 | 0.016     | 0.013     | 0         | 51.6 | 51.2 | 61.5 | 151        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 6    | 28     | 54     | 1.644     | 0.039     | 2.759 | 0.02      | 0.016     | 0         | 51.6 | 50.7 | 61.9 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 6    | 38     | 54     | 1.611     | 0.023     | 2.759 | 0.02      | 0.016     | 0         | 51.6 | 50.3 | 61.5 | 151        | 148        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 6    | 48     | 54     | 1.516     | 0.046     | 2.759 | 0.016     | 0.013     | 0         | 51.2 | 50.3 | 61.5 | 151        | 148        | 0          | 32     | 31     |
| 2009 | 6     | 4   | 6    | 58     | 54     | 1.575     | 0.02      | 2.756 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 61.1 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 7    | 8      | 54     | 1.552     | 0.039     | 2.756 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 61.5 | 151        | 148        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 7    | 18     | 54     | 1.604     | 0.062     | 2.753 | 0.02      | 0.016     | 0         | 51.6 | 50.3 | 60.2 | 151        | 148        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 7    | 28     | 54     | 1.558     | 0.062     | 2.753 | 0.016     | 0.013     | 0         | 51.2 | 50.3 | 61.1 | 150        | 148        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 7    | 38     | 54     | 1.591     | 0.056     | 2.746 | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 61.5 | 150        | 147        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 7    | 48     | 54     | 1.516     | 0.056     | 2.746 | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 61.1 | 150        | 147        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 7    | 58     | 54     | 1.585     | 0.03      | 2.743 | 0.016     | 0.016     | 0         | 51.2 | 50.3 | 60.6 | 150        | 147        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 4   | 8    | 8      | 54     | 1.588     | 0.062     | 2.74  | 0.02      | 0.016     | 0         | 51.2 | 50.3 | 60.6 | 150        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 8    | 18     | 54     | 1.594     | 0.016     | 2.74  | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 61.5 | 151        | 148        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 8    | 28     | 54     | 1.637     | 0.036     | 2.74  | 0.016     | 0.013     | 0         | 51.2 | 50.7 | 60.2 | 150        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 8    | 38     | 54     | 1.644     | 0.026     | 2.736 | 0.016     | 0.016     | 0         | 51.6 | 51.2 | 61.5 | 152        | 149        | 0          | 32     | 30     |
| 2009 | 6     | 4   | 8    | 48     | 54     | 1.598     | 0.026     | 2.736 | 0.016     | 0.016     | 0         | 52   | 51.2 | 61.5 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 8    | 58     | 54     | 1.591     | 0.033     | 2.733 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 61.9 | 152        | 149        | 0          | 32     | 31     |
| 2009 | 6     | 4   | 9    | 8      | 54     | 1.594     | 0.079     | 2.733 | 0.016     | 0.013     | 0         | 51.6 | 51.2 | 61.5 | 151        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 9    | 18     | 54     | 1.578     | 0.01      | 2.733 | 0.016     | 0.013     | 0         | 52   | 51.2 | 63.2 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 9    | 28     | 54     | 1.637     | 0         | 2.733 | 0.026     | 0.023     | 0         | 52   | 51.6 | 62.4 | 152        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 9    | 38     | 54     | 1.568     | 0.062     | 2.733 | 0.013     | 0.01      | 0         | 52   | 50.7 | 63.6 | 152        | 149        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 9    | 48     | 54     | 1.549     | 0.069     | 2.73  | 0.016     | 0.016     | 0         | 52   | 51.2 | 64.1 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 9    | 58     | 54     | 1.526     | 0.049     | 2.73  | 0.016     | 0.013     | 0         | 52   | 50.7 | 64.1 | 152        | 149        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 10   | 8      | 54     | 1.572     | 0.036     | 2.73  | 0.016     | 0.013     | 0         | 51.6 | 51.2 | 62.8 | 151        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 10   | 18     | 54     | 1.591     | 0.039     | 2.73  | 0.02      | 0.016     | 0         | 51.6 | 51.2 | 64.5 | 152        | 149        | 0          | 32     | 30     |
| 2009 | 6     | 4   | 10   | 28     | 54     | 1.581     | 0.03      | 2.73  | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 64.5 | 151        | 149        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 10   | 38     | 54     | 1.604     | 0.023     | 2.73  | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 64.1 | 151        | 149        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 10   | 48     | 54     | 1.542     | 0.02      | 2.73  | 0.016     | 0.013     | 0         | 51.6 | 51.2 | 64.5 | 152        | 149        | 0          | 32     | 30     |
| 2009 | 6     | 4   | 10   | 58     | 54     | 1.565     | 0.066     | 2.726 | 0.02      | 0.016     | 0         | 51.6 | 51.2 | 64.9 | 152        | 149        | 0          | 32     | 30     |
| 2009 | 6     | 4   | 11   | 8      | 54     | 1.562     | 0.03      | 2.726 | 0.02      | 0.016     | 0         | 51.6 | 50.3 | 64.1 | 151        | 148        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 11   | 18     | 54     | 1.627     | 0.036     | 2.726 | 0.016     | 0.016     | 0         | 51.6 | 51.2 | 63.2 | 152        | 149        | 0          | 32     | 30     |
| 2009 | 6     | 4   | 11   | 28     | 54     | 1.578     | 0.066     | 2.726 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 64.5 | 151        | 149        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 11   | 38     | 54     | 1.562     | 0.023     | 2.723 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 64.1 | 151        | 148        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 11   | 48     | 54     | 1.601     | 0.089     | 2.723 | 0.02      | 0.016     | 0         | 52   | 50.7 | 63.2 | 152        | 149        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 11   | 58     | 54     | 1.598     | 0.033     | 2.723 | 0.02      | 0.016     | 0         | 52   | 51.2 | 63.2 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 12   | 8      | 54     | 1.608     | 0.059     | 2.723 | 0.016     | 0.013     | 0         | 52   | 51.2 | 63.6 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 12   | 18     | 54     | 1.591     | 0.03      | 2.72  | 0.02      | 0.016     | 0         | 51.6 | 50.3 | 63.2 | 152        | 148        | 0          | 32     | 31     |
| 2009 | 6     | 4   | 12   | 28     | 54     | 1.575     | 0.075     | 2.72  | 0.016     | 0.016     | 0         | 51.6 | 51.2 | 61.9 | 151        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 12   | 38     | 54     | 1.627     | 0.02      | 2.717 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 61.1 | 151        | 148        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 12   | 48     | 54     | 1.572     | 0.023     | 2.713 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 61.1 | 151        | 149        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 12   | 58     | 54     | 1.578     | 0.049     | 2.713 | 0.016     | 0.013     | 0         | 51.2 | 50.7 | 62.4 | 151        | 148        | 0          | 32     | 30     |
| 2009 | 6     | 4   | 13   | 8      | 54     | 1.575     | 0.033     | 2.713 | 0.02      | 0.016     | 0         | 51.6 | 51.6 | 60.2 | 152        | 150        | 0          | 32     | 30     |
| 2009 | 6     | 4   | 13   | 18     | 54     | 1.588     | 0.052     | 2.71  | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 60.6 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 13   | 28     | 54     | 1.585     | 0.026     | 2.707 | 0.02      | 0.016     | 0         | 52.5 | 51.2 | 59.3 | 153        | 150        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 13   | 38     | 54     | 1.581     | 0.01      | 2.707 | 0.02      | 0.016     | 0         | 52   | 51.6 | 58.9 | 153        | 150        | 0          | 32     | 30     |
| 2009 | 6     | 4   | 13   | 48     | 54     | 1.585     | 0.036     | 2.703 | 0.02      | 0.016     | 0         | 52.9 | 52   | 59.8 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 13   | 58     | 54     | 1.585     | 0.043     | 2.703 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 58.9 | 154        | 151        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 14   | 8      | 54     | 1.568     | 0.049     | 2.7   | 0.016     | 0.016     | 0         | 53.3 | 52   | 58.9 | 155        | 152        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 14   | 18     | 54     | 1.575     | 0.033     | 2.7   | 0.02      | 0.016     | 0         | 52.5 | 52.5 | 58.9 | 154        | 152        | 0          | 32     | 30     |
| 2009 | 6     | 4   | 14   | 28     | 54     | 1.594     | 0.039     | 2.7   | 0.016     | 0.013     | 0         | 53.3 | 52.5 | 57.6 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 14   | 38     | 54     | 1.594     | 0.039     | 2.7   | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 59.3 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 14   | 48     | 54     | 1.532     | 0.039     | 2.7   | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 58.9 | 154        | 151        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 14   | 58     | 54     | 1.558     | 0.046     | 2.7   | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 56.3 | 154        | 151        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 15   | 8      | 54     | 1.585     | 0.039     | 2.697 | 0.016     | 0.013     | 0         | 53.8 | 52   | 56.8 | 156        | 152        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 15   | 18     | 54     | 1.562     | 0.089     | 2.697 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 59.3 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 15   | 28     | 54     | 1.562     | 0.056     | 2.697 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 58.9 | 156        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 15   | 38     | 54     | 1.562     | 0.046     | 2.697 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 58.9 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 15   | 48     | 54     | 1.522     | 0.082     | 2.694 | 0.016     | 0.016     | 0         | 52.5 | 52.5 | 61.5 | 154        | 152        | 0          | 32     | 30     |
| 2009 | 6     | 4   | 15   | 58     | 54     | 1.549     | 0.095     | 2.694 | 0.016     | 0.016     | 0         | 53.8 | 52   | 61.1 | 155        | 152        | 0          | 30     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 4   | 16   | 8      | 54     | 1.617     | 0.085     | 2.694 | 0.016     | 0.016     | 0         | 52.9 | 52.5 | 59.3 | 154        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 16   | 18     | 54     | 1.572     | 0.052     | 2.694 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 58.5 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 16   | 28     | 54     | 1.614     | 0.049     | 2.69  | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 58.9 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 16   | 38     | 54     | 1.565     | 0.082     | 2.69  | 0.016     | 0.016     | 0         | 52.9 | 52.5 | 60.2 | 154        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 16   | 48     | 54     | 1.532     | 0.089     | 2.69  | 0.016     | 0.016     | 0         | 53.3 | 52   | 60.6 | 154        | 152        | 0          | 30     | 31     |
| 2009 | 6     | 4   | 16   | 58     | 54     | 1.611     | 0.052     | 2.687 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 57.6 | 154        | 151        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 17   | 8      | 54     | 1.555     | 0.089     | 2.687 | 0.02      | 0.016     | 0         | 52.9 | 52   | 58.9 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 17   | 18     | 54     | 1.562     | 0.033     | 2.684 | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 58.9 | 154        | 151        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 17   | 28     | 54     | 1.604     | 0.059     | 2.68  | 0.016     | 0.013     | 0         | 52.9 | 52   | 59.3 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 17   | 38     | 54     | 1.516     | 0.069     | 2.68  | 0.016     | 0.016     | 0         | 52.9 | 52   | 60.2 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 17   | 48     | 54     | 1.575     | 0.02      | 2.68  | 0.016     | 0.013     | 0         | 52.9 | 52   | 59.3 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 17   | 58     | 54     | 1.611     | 0.066     | 2.677 | 0.016     | 0.013     | 0         | 53.3 | 52.5 | 58.9 | 154        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 18   | 8      | 54     | 1.585     | 0.049     | 2.674 | 0.016     | 0.016     | 0         | 52.5 | 52   | 59.3 | 153        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 18   | 18     | 54     | 1.591     | 0.056     | 2.674 | 0.016     | 0.016     | 0         | 52.9 | 52   | 59.3 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 18   | 28     | 54     | 1.568     | 0.085     | 2.674 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 60.2 | 153        | 151        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 18   | 38     | 54     | 1.594     | 0.046     | 2.671 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 59.8 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 18   | 48     | 54     | 1.539     | 0.039     | 2.671 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 59.8 | 153        | 150        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 18   | 58     | 54     | 1.483     | 0.069     | 2.667 | 0.02      | 0.016     | 0         | 52.5 | 51.6 | 61.1 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 19   | 8      | 54     | 1.549     | 0.033     | 2.667 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 61.1 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 19   | 18     | 54     | 1.585     | 0.092     | 2.667 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.5 | 153        | 150        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 19   | 28     | 54     | 1.575     | 0.075     | 2.664 | 0.02      | 0.016     | 0         | 52   | 51.6 | 61.5 | 153        | 150        | 0          | 32     | 30     |
| 2009 | 6     | 4   | 19   | 38     | 54     | 1.575     | 0.056     | 2.664 | 0.02      | 0.016     | 0         | 52.5 | 51.2 | 60.6 | 153        | 150        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 19   | 48     | 54     | 1.572     | 0.079     | 2.664 | 0.02      | 0.016     | 0         | 52.9 | 51.2 | 62.4 | 153        | 150        | 0          | 30     | 31     |
| 2009 | 6     | 4   | 19   | 58     | 54     | 1.585     | 0.036     | 2.664 | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 61.1 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 20   | 8      | 54     | 1.598     | 0.023     | 2.664 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 62.4 | 153        | 150        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 20   | 18     | 54     | 1.529     | 0.03      | 2.664 | 0.02      | 0.016     | 0         | 52.9 | 52   | 60.6 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 20   | 28     | 54     | 1.532     | 0.036     | 2.664 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 61.9 | 153        | 150        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 20   | 38     | 54     | 1.591     | 0.056     | 2.664 | 0.013     | 0.01      | 0         | 52.5 | 51.6 | 58.9 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 20   | 48     | 54     | 1.565     | 0.01      | 2.664 | 0.02      | 0.016     | 0         | 52.5 | 51.6 | 57.6 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 20   | 58     | 54     | 1.601     | 0.039     | 2.661 | 0.02      | 0.016     | 0         | 52.9 | 51.6 | 57.6 | 154        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 21   | 8      | 54     | 1.575     | 0.039     | 2.661 | 0.02      | 0.016     | 0         | 52.5 | 52   | 60.2 | 153        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 21   | 18     | 54     | 1.565     | 0.059     | 2.661 | 0.02      | 0.016     | 0         | 52.5 | 51.6 | 61.5 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 21   | 28     | 54     | 1.588     | 0.033     | 2.661 | 0.016     | 0.013     | 0         | 52   | 51.2 | 62.4 | 153        | 150        | 0          | 32     | 31     |
| 2009 | 6     | 4   | 21   | 38     | 54     | 1.581     | 0.069     | 2.661 | 0.016     | 0.013     | 0         | 52   | 51.2 | 62.8 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 21   | 48     | 54     | 1.585     | 0.072     | 2.661 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 64.1 | 153        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 21   | 58     | 54     | 1.545     | 0.075     | 2.661 | 0.016     | 0.016     | 0         | 52.9 | 51.2 | 64.5 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 22   | 8      | 54     | 1.621     | 0.026     | 2.657 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 63.6 | 153        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 22   | 18     | 54     | 1.591     | 0.01      | 2.657 | 0.02      | 0.016     | 0         | 52   | 50.7 | 64.5 | 152        | 149        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 22   | 28     | 54     | 1.604     | 0.026     | 2.657 | 0.02      | 0.016     | 0         | 52   | 51.2 | 63.2 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 22   | 38     | 54     | 1.558     | 0.01      | 2.657 | 0.016     | 0.016     | 0         | 52   | 51.2 | 63.2 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 22   | 48     | 54     | 1.608     | 0.039     | 2.654 | 0.016     | 0.013     | 0         | 52   | 51.2 | 62.4 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 22   | 58     | 54     | 1.532     | 0.059     | 2.657 | 0.016     | 0.016     | 0         | 52   | 51.2 | 62.4 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 23   | 8      | 54     | 1.578     | 0.056     | 2.657 | 0.016     | 0.013     | 0         | 52   | 50.7 | 61.9 | 152        | 149        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 23   | 18     | 54     | 1.588     | 0.033     | 2.654 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 61.9 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 23   | 28     | 54     | 1.611     | 0.033     | 2.654 | 0.02      | 0.016     | 0         | 52.5 | 51.2 | 62.8 | 153        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 23   | 38     | 54     | 1.64      | 0.026     | 2.654 | 0.016     | 0.016     | 0         | 52   | 51.2 | 61.5 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 23   | 48     | 54     | 1.575     | 0.016     | 2.651 | 0.016     | 0.016     | 0         | 52   | 50.7 | 62.4 | 152        | 149        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 23   | 58     | 54     | 1.591     | 0.023     | 2.651 | 0.016     | 0.016     | 0         | 52   | 51.2 | 61.9 | 152        | 149        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 5   | 0    | 8      | 54     | 1.552     | 0.052     | 2.648 | 0.016     | 0.013     | 0         | 52   | 50.7 | 61.9 | 152        | 149        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 0    | 18     | 54     | 1.585     | 0.026     | 2.648 | 0.02      | 0.016     | 0         | 52.5 | 51.2 | 61.9 | 153        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 0    | 28     | 54     | 1.562     | 0.056     | 2.644 | 0.016     | 0.016     | 0         | 52   | 51.2 | 60.6 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 0    | 38     | 54     | 1.604     | 0.052     | 2.644 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.5 | 153        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 0    | 48     | 54     | 1.549     | 0.056     | 2.641 | 0.02      | 0.016     | 0         | 52.5 | 51.6 | 59.8 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 0    | 58     | 54     | 1.558     | 0.072     | 2.638 | 0.016     | 0.016     | 0         | 52.9 | 52   | 61.1 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 1    | 8      | 54     | 1.588     | 0.033     | 2.638 | 0.016     | 0.016     | 0         | 52   | 51.6 | 60.2 | 153        | 150        | 0          | 32     | 30     |
| 2009 | 6     | 5   | 1    | 18     | 54     | 1.572     | 0.066     | 2.635 | 0.02      | 0.016     | 0         | 52.9 | 52   | 59.3 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 1    | 28     | 54     | 1.585     | 0.066     | 2.635 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 59.3 | 154        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 1    | 38     | 54     | 1.549     | 0.056     | 2.635 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 61.5 | 154        | 151        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 1    | 48     | 54     | 1.558     | 0.072     | 2.635 | 0.02      | 0.016     | 0         | 52.9 | 51.6 | 61.5 | 154        | 151        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 1    | 58     | 54     | 1.575     | 0.059     | 2.631 | 0.016     | 0.016     | 0         | 53.3 | 52   | 59.8 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 2    | 8      | 54     | 1.572     | 0.023     | 2.631 | 0.013     | 0.01      | 0         | 52.9 | 52   | 61.1 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 2    | 18     | 54     | 1.568     | 0.115     | 2.631 | 0.016     | 0.016     | 0         | 53.3 | 52   | 62.4 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 2    | 28     | 54     | 1.581     | 0.03      | 2.628 | 0.016     | 0.016     | 0         | 52.9 | 52   | 61.1 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 2    | 38     | 54     | 1.588     | 0.056     | 2.628 | 0.016     | 0.016     | 0         | 52.9 | 52   | 61.5 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 2    | 48     | 54     | 1.604     | 0.033     | 2.628 | 0.016     | 0.016     | 0         | 52.9 | 52   | 60.2 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 2    | 58     | 54     | 1.611     | 0.03      | 2.628 | 0.02      | 0.016     | 0         | 53.3 | 51.6 | 60.6 | 154        | 151        | 0          | 30     | 31     |
| 2009 | 6     | 5   | 3    | 8      | 54     | 1.542     | 0.082     | 2.628 | 0.016     | 0.016     | 0         | 52.9 | 52   | 61.5 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 3    | 18     | 54     | 1.572     | 0.043     | 2.628 | 0.02      | 0.016     | 0         | 52.9 | 52   | 61.9 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 3    | 28     | 54     | 1.581     | 0.072     | 2.628 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 61.5 | 154        | 151        | 0          | 32     | 31     |
| 2009 | 6     | 5   | 3    | 38     | 54     | 1.604     | 0.02      | 2.625 | 0.016     | 0.016     | 0         | 52.9 | 52   | 63.2 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 3    | 48     | 54     | 1.555     | 0.043     | 2.625 | 0.02      | 0.016     | 0         | 52.5 | 51.6 | 61.5 | 154        | 151        | 0          | 32     | 31     |
| 2009 | 6     | 5   | 3    | 58     | 54     | 1.578     | -0.03     | 2.625 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 61.5 | 154        | 150        | 0          | 32     | 30     |
| 2009 | 6     | 5   | 4    | 8      | 54     | 1.594     | 0.033     | 2.625 | 0.016     | 0.016     | 0         | 53.3 | 51.6 | 62.4 | 154        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 4    | 18     | 54     | 1.614     | 0.095     | 2.625 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 62.8 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 4    | 28     | 54     | 1.588     | 0.085     | 2.625 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 61.9 | 153        | 151        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 4    | 38     | 54     | 1.614     | 0.043     | 2.625 | 0.016     | 0.016     | 0         | 52.9 | 52   | 61.9 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 4    | 48     | 54     | 1.516     | 0.046     | 2.621 | 0.02      | 0.016     | 0         | 52.9 | 52   | 62.8 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 4    | 58     | 54     | 1.565     | 0.082     | 2.621 | 0.016     | 0.016     | 0         | 52.9 | 52   | 61.5 | 154        | 152        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 5    | 8      | 54     | 1.562     | 0.049     | 2.621 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 62.8 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 5    | 18     | 54     | 1.549     | 0.079     | 2.621 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 61.9 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 5    | 28     | 54     | 1.604     | 0.033     | 2.621 | 0.016     | 0.016     | 0         | 53.3 | 52   | 62.8 | 155        | 152        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 5    | 38     | 54     | 1.572     | 0.049     | 2.621 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 61.5 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 5    | 48     | 54     | 1.591     | 0.043     | 2.618 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 62.4 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 5    | 58     | 54     | 1.568     | 0.033     | 2.618 | 0.02      | 0.016     | 0         | 52.9 | 52.5 | 63.2 | 154        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 6    | 8      | 54     | 1.568     | 0.039     | 2.618 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 61.9 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 6    | 18     | 54     | 1.578     | 0.066     | 2.618 | 0.02      | 0.016     | 0         | 52.9 | 52   | 62.8 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 6    | 28     | 54     | 1.585     | 0.075     | 2.618 | 0.016     | 0.016     | 0         | 52.5 | 52   | 62.8 | 154        | 151        | 0          | 32     | 30     |
| 2009 | 6     | 5   | 6    | 38     | 54     | 1.529     | 0.036     | 2.618 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 63.6 | 154        | 151        | 0          | 32     | 31     |
| 2009 | 6     | 5   | 6    | 48     | 54     | 1.575     | 0.052     | 2.618 | 0.02      | 0.016     | 0         | 52.9 | 51.6 | 61.9 | 154        | 151        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 6    | 58     | 54     | 1.594     | 0.023     | 2.618 | 0.016     | 0.016     | 0         | 52.5 | 52   | 62.4 | 153        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 7    | 8      | 54     | 1.562     | 0.039     | 2.615 | 0.02      | 0.016     | 0         | 52.9 | 52   | 62.8 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 7    | 18     | 54     | 1.588     | 0.033     | 2.618 | 0.016     | 0.016     | 0         | 52.5 | 52   | 64.1 | 154        | 151        | 0          | 32     | 30     |
| 2009 | 6     | 5   | 7    | 28     | 54     | 1.503     | 0.036     | 2.615 | 0.023     | 0.02      | 0         | 52.9 | 52   | 64.1 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 7    | 38     | 54     | 1.581     | 0.046     | 2.615 | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 63.6 | 153        | 151        | 0          | 30     | 31     |
| 2009 | 6     | 5   | 7    | 48     | 54     | 1.555     | 0.046     | 2.615 | 0.02      | 0.016     | 0         | 52.9 | 52   | 62.8 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 7    | 58     | 54     | 1.555     | 0.069     | 2.615 | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 63.6 | 154        | 151        | 0          | 31     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 5   | 8    | 8      | 54     | 1.552     | 0.059     | 2.615 | 0.016     | 0.013     | 0         | 52.5 | 52   | 64.1 | 154        | 152        | 0          | 32     | 31     |
| 2009 | 6     | 5   | 8    | 18     | 54     | 1.588     | 0.062     | 2.615 | 0.02      | 0.016     | 0         | 52.9 | 52   | 62.4 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 8    | 28     | 54     | 1.575     | 0.056     | 2.615 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 62.4 | 154        | 151        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 8    | 38     | 54     | 1.526     | 0.056     | 2.615 | 0.016     | 0.016     | 0         | 52.9 | 52   | 63.2 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 8    | 48     | 54     | 1.552     | 0.082     | 2.615 | 0.023     | 0.02      | 0         | 52.9 | 51.6 | 64.1 | 154        | 151        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 8    | 58     | 54     | 1.568     | 0.026     | 2.615 | 0.02      | 0.016     | 0         | 52.9 | 51.6 | 63.6 | 154        | 151        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 9    | 8      | 54     | 1.542     | 0.033     | 2.615 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 62.4 | 154        | 151        | 0          | 32     | 31     |
| 2009 | 6     | 5   | 9    | 18     | 54     | 1.594     | 0.036     | 2.612 | 0.016     | 0.013     | 0         | 52.9 | 52   | 63.2 | 153        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 9    | 28     | 54     | 1.617     | 0.036     | 2.612 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 63.6 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 9    | 38     | 54     | 1.601     | 0.039     | 2.612 | 0.016     | 0.016     | 0         | 52.5 | 52   | 63.2 | 153        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 9    | 48     | 54     | 1.578     | -0.01     | 2.612 | 0.02      | 0.016     | 0         | 52.9 | 52   | 62.4 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 9    | 58     | 54     | 1.545     | 0.115     | 2.612 | 0.02      | 0.016     | 0         | 52.5 | 51.6 | 63.6 | 153        | 151        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 10   | 8      | 54     | 1.549     | 0.062     | 2.612 | 0.016     | 0.016     | 0         | 52.5 | 52   | 64.5 | 154        | 151        | 0          | 32     | 30     |
| 2009 | 6     | 5   | 10   | 18     | 54     | 1.529     | 0.102     | 2.612 | 0.02      | 0.016     | 0         | 53.3 | 52   | 63.2 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 10   | 28     | 54     | 1.568     | 0.062     | 2.612 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 63.6 | 154        | 151        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 10   | 38     | 54     | 1.578     | 0.02      | 2.612 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 64.9 | 153        | 151        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 10   | 48     | 54     | 1.562     | 0.023     | 2.608 | 0.016     | 0.013     | 0         | 52   | 52   | 63.2 | 153        | 151        | 0          | 32     | 30     |
| 2009 | 6     | 5   | 10   | 58     | 54     | 1.581     | 0.033     | 2.608 | 0.016     | 0.016     | 0         | 52   | 52   | 62.8 | 153        | 151        | 0          | 32     | 30     |
| 2009 | 6     | 5   | 11   | 8      | 54     | 1.575     | 0.02      | 2.608 | 0.02      | 0.016     | 0         | 52.9 | 51.6 | 62.8 | 154        | 151        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 11   | 18     | 54     | 1.608     | 0.062     | 2.608 | 0.016     | 0.016     | 0         | 52   | 51.6 | 62.8 | 153        | 151        | 0          | 32     | 31     |
| 2009 | 6     | 5   | 11   | 28     | 54     | 1.601     | 0.049     | 2.608 | 0.016     | 0.013     | 0         | 52.5 | 52   | 62.4 | 153        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 11   | 38     | 54     | 1.581     | 0.043     | 2.608 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 62.4 | 153        | 150        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 11   | 48     | 54     | 1.519     | 0.043     | 2.608 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 62.4 | 153        | 150        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 11   | 58     | 54     | 1.532     | 0.02      | 2.608 | 0.016     | 0.016     | 0         | 52   | 51.6 | 63.2 | 153        | 151        | 0          | 32     | 31     |
| 2009 | 6     | 5   | 12   | 8      | 54     | 1.594     | 0.007     | 2.608 | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 61.9 | 154        | 151        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 12   | 18     | 54     | 1.608     | 0.033     | 2.608 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 60.6 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 12   | 28     | 54     | 1.588     | 0.033     | 2.605 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 62.8 | 153        | 150        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 12   | 38     | 54     | 1.588     | 0.079     | 2.605 | 0.02      | 0.016     | 0         | 52.5 | 51.6 | 62.8 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 12   | 48     | 54     | 1.624     | 0.062     | 2.605 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.5 | 153        | 150        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 12   | 58     | 54     | 1.608     | 0.049     | 2.605 | 0.02      | 0.016     | 0         | 52.5 | 51.6 | 61.5 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 13   | 8      | 54     | 1.588     | 0.043     | 2.602 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 61.1 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 13   | 18     | 54     | 1.526     | 0.046     | 2.602 | 0.023     | 0.02      | 0         | 52.5 | 51.6 | 60.6 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 13   | 28     | 54     | 1.598     | 0.02      | 2.602 | 0.016     | 0.013     | 0         | 52   | 51.2 | 61.5 | 153        | 150        | 0          | 32     | 31     |
| 2009 | 6     | 5   | 13   | 38     | 54     | 1.581     | -0.007    | 2.598 | 0.016     | 0.016     | 0         | 51.6 | 51.2 | 61.1 | 152        | 149        | 0          | 32     | 30     |
| 2009 | 6     | 5   | 13   | 48     | 54     | 1.539     | 0.082     | 2.598 | 0.02      | 0.016     | 0         | 52   | 51.6 | 61.5 | 152        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 13   | 58     | 54     | 1.585     | 0.013     | 2.598 | 0.02      | 0.016     | 0         | 52   | 51.2 | 60.2 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 14   | 8      | 54     | 1.591     | 0.066     | 2.595 | 0.016     | 0.016     | 0         | 52   | 51.6 | 60.6 | 152        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 14   | 18     | 54     | 1.591     | -0.007    | 2.595 | 0.016     | 0.016     | 0         | 52   | 51.6 | 60.2 | 152        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 14   | 28     | 54     | 1.539     | 0.066     | 2.595 | 0.02      | 0.016     | 0         | 52   | 50.7 | 61.1 | 152        | 149        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 14   | 38     | 54     | 1.555     | 0.056     | 2.595 | 0.02      | 0.016     | 0         | 52   | 51.2 | 61.1 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 14   | 48     | 54     | 1.545     | 0.043     | 2.592 | 0.016     | 0.016     | 0         | 52   | 51.6 | 61.1 | 153        | 150        | 0          | 32     | 30     |
| 2009 | 6     | 5   | 14   | 58     | 54     | 1.532     | 0.059     | 2.592 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.1 | 153        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 15   | 8      | 54     | 1.542     | 0.079     | 2.592 | 0.02      | 0.016     | 0         | 52.9 | 51.2 | 61.5 | 153        | 150        | 0          | 30     | 31     |
| 2009 | 6     | 5   | 15   | 18     | 54     | 1.532     | 0.046     | 2.592 | 0.02      | 0.016     | 0         | 52.5 | 51.6 | 62.8 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 15   | 28     | 54     | 1.601     | 0.049     | 2.589 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 60.6 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 15   | 38     | 54     | 1.611     | 0.079     | 2.589 | 0.02      | 0.016     | 0         | 52.5 | 51.6 | 62.4 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 15   | 48     | 54     | 1.509     | 0.115     | 2.589 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.5 | 153        | 150        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 15   | 58     | 54     | 1.572     | 0.056     | 2.589 | 0.016     | 0.016     | 0         | 52   | 51.6 | 63.6 | 153        | 150        | 0          | 32     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 5   | 16   | 8      | 54     | 1.604     | 0.013     | 2.589 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 61.9 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 16   | 18     | 54     | 1.552     | 0.052     | 2.589 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 62.8 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 16   | 28     | 54     | 1.578     | 0.01      | 2.589 | 0.026     | 0.023     | 0         | 52.5 | 51.6 | 63.2 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 16   | 38     | 54     | 1.611     | 0.023     | 2.589 | 0.016     | 0.016     | 0         | 52.9 | 52   | 62.4 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 16   | 48     | 54     | 1.522     | 0.052     | 2.589 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 62.8 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 16   | 58     | 54     | 1.552     | 0.036     | 2.589 | 0.016     | 0.013     | 0         | 53.8 | 52.5 | 61.5 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 17   | 8      | 54     | 1.568     | 0.092     | 2.589 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 62.4 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 17   | 18     | 54     | 1.535     | 0.079     | 2.589 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 62.8 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 17   | 28     | 54     | 1.542     | 0.062     | 2.589 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 62.4 | 155        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 17   | 38     | 54     | 1.555     | 0.069     | 2.589 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 61.9 | 156        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 17   | 48     | 54     | 1.545     | 0.049     | 2.589 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 61.9 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 17   | 58     | 54     | 1.598     | 0.066     | 2.589 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 63.2 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 18   | 8      | 54     | 1.552     | 0.02      | 2.589 | 0.016     | 0.016     | 0         | 52.9 | 52.5 | 63.6 | 154        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 18   | 18     | 54     | 1.555     | 0.03      | 2.589 | 0.016     | 0.016     | 0         | 52.9 | 52   | 62.4 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 18   | 28     | 54     | 1.608     | 0.03      | 2.585 | 0.02      | 0.016     | 0         | 52.5 | 52   | 61.9 | 154        | 151        | 0          | 32     | 30     |
| 2009 | 6     | 5   | 18   | 38     | 54     | 1.578     | 0.033     | 2.585 | 0.02      | 0.016     | 0         | 52.9 | 52   | 62.8 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 18   | 48     | 54     | 1.565     | 0.049     | 2.585 | 0.016     | 0.013     | 0         | 52.9 | 52   | 62.8 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 18   | 58     | 54     | 1.614     | 0.046     | 2.589 | 0.02      | 0.016     | 0         | 53.3 | 52   | 61.9 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 19   | 8      | 54     | 1.555     | 0.033     | 2.585 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 63.2 | 154        | 151        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 19   | 18     | 54     | 1.539     | 0.043     | 2.585 | 0.016     | 0.016     | 0         | 52.9 | 52.5 | 63.2 | 154        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 19   | 28     | 54     | 1.565     | 0.069     | 2.585 | 0.02      | 0.016     | 0         | 52.9 | 52   | 64.1 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 19   | 38     | 54     | 1.532     | 0.043     | 2.585 | 0.023     | 0.023     | 0         | 52.9 | 52.5 | 63.2 | 154        | 151        | 0          | 31     | 29     |
| 2009 | 6     | 5   | 19   | 48     | 54     | 1.529     | 0.056     | 2.585 | 0.02      | 0.016     | 0         | 53.3 | 52   | 64.9 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 19   | 58     | 54     | 1.604     | 0.056     | 2.585 | 0.02      | 0.016     | 0         | 52.9 | 52   | 64.1 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 20   | 8      | 54     | 1.575     | 0.072     | 2.585 | 0.016     | 0.016     | 0         | 52.9 | 52.5 | 64.5 | 154        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 20   | 18     | 54     | 1.535     | 0.066     | 2.585 | 0.02      | 0.016     | 0         | 52.9 | 52   | 63.6 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 20   | 28     | 54     | 1.578     | 0.072     | 2.585 | 0.02      | 0.016     | 0         | 52.5 | 52   | 62.8 | 154        | 151        | 0          | 32     | 30     |
| 2009 | 6     | 5   | 20   | 38     | 54     | 1.621     | 0.02      | 2.585 | 0.016     | 0.016     | 0         | 53.3 | 52   | 64.1 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 20   | 48     | 54     | 1.549     | 0.023     | 2.585 | 0.016     | 0.013     | 0         | 53.3 | 52   | 63.2 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 20   | 58     | 54     | 1.594     | 0.016     | 2.585 | 0.016     | 0.016     | 0         | 52.5 | 52   | 61.5 | 154        | 151        | 0          | 32     | 30     |
| 2009 | 6     | 5   | 21   | 8      | 54     | 1.558     | 0.016     | 2.582 | 0.016     | 0.013     | 0         | 52.9 | 52   | 62.4 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 21   | 18     | 54     | 1.601     | 0.059     | 2.582 | 0.02      | 0.016     | 0         | 52.9 | 52   | 64.5 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 21   | 28     | 54     | 1.568     | 0.062     | 2.585 | 0.02      | 0.016     | 0         | 52.9 | 51.6 | 64.9 | 154        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 21   | 38     | 54     | 1.601     | 0.052     | 2.582 | 0.02      | 0.016     | 0         | 52.5 | 51.6 | 64.1 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 21   | 48     | 54     | 1.555     | 0.069     | 2.585 | 0.016     | 0.016     | 0         | 52.9 | 51.2 | 63.6 | 153        | 150        | 0          | 30     | 31     |
| 2009 | 6     | 5   | 21   | 58     | 54     | 1.568     | 0.036     | 2.582 | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 63.6 | 154        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 22   | 8      | 54     | 1.608     | 0.049     | 2.582 | 0.02      | 0.016     | 0         | 52.9 | 51.6 | 61.9 | 154        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 22   | 18     | 54     | 1.578     | 0.069     | 2.582 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 62.8 | 154        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 22   | 28     | 54     | 1.578     | 0.049     | 2.582 | 0.02      | 0.016     | 0         | 52.9 | 51.6 | 62.4 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 22   | 38     | 54     | 1.572     | 0.039     | 2.582 | 0.02      | 0.016     | 0         | 52.9 | 52.5 | 62.8 | 154        | 151        | 0          | 31     | 29     |
| 2009 | 6     | 5   | 22   | 48     | 54     | 1.581     | 0.043     | 2.582 | 0.02      | 0.016     | 0         | 52.9 | 51.6 | 64.5 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 22   | 58     | 54     | 1.549     | 0.079     | 2.582 | 0.016     | 0.016     | 0         | 53.3 | 52   | 64.5 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 23   | 8      | 54     | 1.555     | 0.085     | 2.582 | 0.016     | 0.016     | 0         | 52.9 | 52   | 64.1 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 23   | 18     | 54     | 1.519     | 0.082     | 2.582 | 0.016     | 0.016     | 0         | 52.9 | 52   | 63.6 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 23   | 28     | 54     | 1.572     | 0.059     | 2.582 | 0.016     | 0.016     | 0         | 52.9 | 52   | 62.8 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 23   | 38     | 54     | 1.568     | 0.066     | 2.579 | 0.02      | 0.016     | 0         | 52.9 | 52   | 62.4 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 23   | 48     | 54     | 1.572     | 0.003     | 2.579 | 0.016     | 0.016     | 0         | 52.9 | 52   | 62.8 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 23   | 58     | 54     | 1.611     | 0.062     | 2.579 | 0.02      | 0.016     | 0         | 53.3 | 52   | 62.8 | 154        | 151        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 6   | 0    | 8      | 54     | 1.578     | 0.049     | 2.579 | 0.016     | 0.013     | 0         | 53.3 | 52   | 62.4 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 0    | 18     | 54     | 1.542     | 0.039     | 2.579 | 0.016     | 0.016     | 0         | 52.9 | 52   | 61.9 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 0    | 28     | 54     | 1.529     | 0.069     | 2.579 | 0.02      | 0.016     | 0         | 52.9 | 51.6 | 63.2 | 154        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 0    | 38     | 54     | 1.604     | 0.033     | 2.579 | 0.016     | 0.016     | 0         | 53.3 | 52   | 62.4 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 0    | 48     | 54     | 1.604     | 0.02      | 2.575 | 0.016     | 0.016     | 0         | 52.9 | 52   | 62.4 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 0    | 58     | 54     | 1.552     | 0.033     | 2.575 | 0.02      | 0.016     | 0         | 52.9 | 52   | 61.9 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 1    | 8      | 54     | 1.581     | 0.03      | 2.579 | 0.016     | 0.013     | 0         | 52.9 | 52   | 61.5 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 1    | 18     | 54     | 1.575     | 0.023     | 2.575 | 0.016     | 0.013     | 0         | 52.5 | 52.5 | 61.1 | 154        | 152        | 0          | 32     | 30     |
| 2009 | 6     | 6   | 1    | 28     | 54     | 1.578     | 0.059     | 2.575 | 0.016     | 0.016     | 0         | 52.9 | 52   | 60.6 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 1    | 38     | 54     | 1.601     | 0.052     | 2.575 | 0.016     | 0.016     | 0         | 52.9 | 52   | 61.9 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 1    | 48     | 54     | 1.552     | 0.039     | 2.575 | 0.02      | 0.016     | 0         | 52.9 | 52   | 61.1 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 1    | 58     | 54     | 1.568     | 0.046     | 2.575 | 0.016     | 0.016     | 0         | 52.5 | 52   | 61.1 | 154        | 151        | 0          | 32     | 30     |
| 2009 | 6     | 6   | 2    | 8      | 54     | 1.578     | 0.056     | 2.572 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 61.5 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 2    | 18     | 54     | 1.565     | 0.039     | 2.575 | 0.02      | 0.016     | 0         | 52.9 | 52   | 60.6 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 2    | 28     | 54     | 1.568     | 0.026     | 2.572 | 0.02      | 0.016     | 0         | 53.3 | 52   | 61.5 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 2    | 38     | 54     | 1.545     | 0.039     | 2.572 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 61.1 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 2    | 48     | 54     | 1.581     | 0.033     | 2.572 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 61.1 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 2    | 58     | 54     | 1.549     | 0.033     | 2.572 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 60.6 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 3    | 8      | 54     | 1.594     | 0.02      | 2.569 | 0.016     | 0.013     | 0         | 52.9 | 52.5 | 60.2 | 155        | 152        | 0          | 32     | 30     |
| 2009 | 6     | 6   | 3    | 18     | 54     | 1.588     | 0.033     | 2.572 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 61.1 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 3    | 28     | 54     | 1.614     | 0.016     | 2.569 | 0.016     | 0.013     | 0         | 53.3 | 52.5 | 59.3 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 3    | 38     | 54     | 1.585     | 0.023     | 2.569 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 60.2 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 3    | 48     | 54     | 1.585     | 0.033     | 2.569 | 0.023     | 0.02      | 0         | 53.8 | 51.6 | 59.8 | 155        | 151        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 3    | 58     | 54     | 1.608     | 0.049     | 2.566 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 58.9 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 4    | 8      | 54     | 1.608     | 0.033     | 2.569 | 0.016     | 0.013     | 0         | 53.3 | 52   | 59.3 | 155        | 152        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 4    | 18     | 54     | 1.594     | -0.01     | 2.566 | 0.02      | 0.016     | 0         | 52.9 | 52.5 | 60.2 | 154        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 4    | 28     | 54     | 1.621     | 0.02      | 2.566 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 58.5 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 4    | 38     | 54     | 1.621     | 0.039     | 2.566 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 58.5 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 4    | 48     | 54     | 1.591     | 0.066     | 2.566 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 59.8 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 4    | 58     | 54     | 1.535     | 0.01      | 2.566 | 0.016     | 0.013     | 0         | 53.8 | 52.5 | 60.2 | 156        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 5    | 8      | 54     | 1.588     | -0.033    | 2.566 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 58.9 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 5    | 18     | 54     | 1.601     | 0.013     | 2.566 | 0.016     | 0.013     | 0         | 53.8 | 53.3 | 59.3 | 156        | 153        | 0          | 31     | 29     |
| 2009 | 6     | 6   | 5    | 28     | 54     | 1.562     | 0.036     | 2.562 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 59.8 | 156        | 153        | 0          | 32     | 31     |
| 2009 | 6     | 6   | 5    | 38     | 54     | 1.578     | 0.02      | 2.562 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 58.5 | 156        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 5    | 48     | 54     | 1.594     | 0.023     | 2.562 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 58   | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 5    | 58     | 54     | 1.598     | 0.023     | 2.559 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 59.3 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 6    | 8      | 54     | 1.526     | 0.026     | 2.562 | 0.023     | 0.02      | 0         | 53.8 | 52.9 | 59.3 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 6    | 18     | 54     | 1.591     | 0.062     | 2.562 | 0.02      | 0.016     | 0         | 53.3 | 52.9 | 58.9 | 155        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 6    | 28     | 54     | 1.555     | 0.056     | 2.562 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 60.2 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 6    | 38     | 54     | 1.565     | 0.016     | 2.562 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 59.3 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 6    | 48     | 54     | 1.562     | 0.023     | 2.562 | 0.02      | 0.016     | 0         | 53.3 | 52.9 | 58.9 | 155        | 152        | 0          | 31     | 29     |
| 2009 | 6     | 6   | 6    | 58     | 54     | 1.558     | 0.046     | 2.559 | 0.016     | 0.016     | 0         | 53.3 | 52   | 60.2 | 155        | 152        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 7    | 8      | 54     | 1.572     | 0.046     | 2.562 | 0.016     | 0.016     | 0         | 52.9 | 52   | 59.8 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 7    | 18     | 54     | 1.568     | 0.039     | 2.559 | 0.02      | 0.016     | 0         | 52.9 | 52   | 58.9 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 7    | 28     | 54     | 1.598     | 0.046     | 2.559 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 60.2 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 7    | 38     | 54     | 1.512     | 0.066     | 2.562 | 0.016     | 0.013     | 0         | 52.9 | 52   | 60.2 | 155        | 152        | 0          | 32     | 31     |
| 2009 | 6     | 6   | 7    | 48     | 54     | 1.591     | -0.01     | 2.559 | 0.016     | 0.016     | 0         | 53.3 | 52   | 60.2 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 7    | 58     | 54     | 1.657     | -0.056    | 2.556 | 0.016     | 0.016     | 0         | 53.8 | 52   | 58   | 155        | 151        | 0          | 30     | 30     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 6   | 8    | 8      | 54     | 1.535     | 0.033     | 2.559 | 0.02      | 0.016     | 0         | 52.9 | 52   | 60.6 | 155        | 151        | 0          | 32     | 30     |
| 2009 | 6     | 6   | 8    | 18     | 54     | 1.594     | -0.003    | 2.556 | 0.016     | 0.013     | 0         | 53.3 | 52.5 | 59.3 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 8    | 28     | 54     | 1.526     | 0.026     | 2.556 | 0.016     | 0.013     | 0         | 53.3 | 52   | 59.3 | 155        | 152        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 8    | 38     | 54     | 1.604     | 0.039     | 2.556 | 0.016     | 0.016     | 0         | 53.3 | 51.6 | 59.3 | 155        | 151        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 8    | 48     | 54     | 1.575     | 0.043     | 2.556 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 59.8 | 155        | 153        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 8    | 58     | 54     | 1.565     | 0.046     | 2.552 | 0.016     | 0.016     | 0         | 52.9 | 52.5 | 59.8 | 155        | 152        | 0          | 32     | 30     |
| 2009 | 6     | 6   | 9    | 8      | 54     | 1.594     | 0.033     | 2.552 | 0.016     | 0.016     | 0         | 53.3 | 52   | 58.9 | 155        | 152        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 9    | 18     | 54     | 1.558     | 0.023     | 2.552 | 0.013     | 0.01      | 0         | 52.9 | 52   | 60.6 | 155        | 152        | 0          | 32     | 31     |
| 2009 | 6     | 6   | 9    | 28     | 54     | 1.608     | -0.003    | 2.552 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 60.6 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 9    | 38     | 54     | 1.627     | -0.023    | 2.549 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 59.3 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 9    | 48     | 54     | 1.535     | 0.01      | 2.552 | 0.016     | 0.013     | 0         | 53.8 | 52.9 | 60.6 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 9    | 58     | 54     | 1.601     | 0.033     | 2.549 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 59.8 | 156        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 10   | 8      | 54     | 1.562     | 0.033     | 2.552 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 61.1 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 10   | 18     | 54     | 1.601     | 0         | 2.549 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 58.5 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 10   | 28     | 54     | 1.568     | 0.056     | 2.549 | 0.016     | 0.016     | 0         | 53.3 | 52.9 | 61.1 | 156        | 153        | 0          | 32     | 30     |
| 2009 | 6     | 6   | 10   | 38     | 54     | 1.532     | 0.069     | 2.549 | 0.016     | 0.016     | 0         | 53.3 | 52   | 61.1 | 155        | 152        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 10   | 48     | 54     | 1.578     | 0.007     | 2.549 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 59.3 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 10   | 58     | 54     | 1.585     | 0.046     | 2.549 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 60.2 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 11   | 8      | 54     | 1.568     | 0.033     | 2.549 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 61.1 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 11   | 18     | 54     | 1.558     | 0.052     | 2.549 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 60.2 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 11   | 28     | 54     | 1.493     | 0.01      | 2.549 | 0.016     | 0.016     | 0         | 52.9 | 52.9 | 61.1 | 155        | 153        | 0          | 32     | 30     |
| 2009 | 6     | 6   | 11   | 38     | 54     | 1.539     | 0.069     | 2.546 | 0.016     | 0.013     | 0         | 53.3 | 52.9 | 61.5 | 156        | 153        | 0          | 32     | 30     |
| 2009 | 6     | 6   | 11   | 48     | 54     | 1.549     | 0.052     | 2.546 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 62.4 | 156        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 11   | 58     | 54     | 1.67      | -0.02     | 2.546 | 0.016     | 0.013     | 0         | 53.3 | 52.5 | 58.9 | 156        | 153        | 0          | 32     | 31     |
| 2009 | 6     | 6   | 12   | 8      | 54     | 1.552     | 0.043     | 2.546 | 0.016     | 0.016     | 0         | 53.3 | 52.9 | 61.5 | 156        | 153        | 0          | 32     | 30     |
| 2009 | 6     | 6   | 12   | 18     | 54     | 1.516     | 0.003     | 2.546 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 61.9 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 12   | 28     | 54     | 1.568     | 0.056     | 2.546 | 0.016     | 0.016     | 0         | 53.3 | 52   | 61.1 | 155        | 152        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 12   | 38     | 54     | 1.542     | 0.075     | 2.546 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 62.4 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 12   | 48     | 54     | 1.585     | -0.007    | 2.546 | 0.016     | 0.016     | 0         | 52.9 | 52.5 | 61.9 | 154        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 12   | 58     | 54     | 1.594     | -0.023    | 2.546 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 62.4 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 13   | 8      | 54     | 1.552     | 0.023     | 2.546 | 0.016     | 0.013     | 0         | 52.9 | 52   | 63.2 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 13   | 18     | 54     | 1.601     | 0.026     | 2.546 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 62.4 | 154        | 151        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 13   | 28     | 54     | 1.657     | -0.007    | 2.546 | 0.016     | 0.013     | 0         | 52.9 | 52   | 62.8 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 13   | 38     | 54     | 1.545     | 0.052     | 2.546 | 0.02      | 0.016     | 0         | 52.5 | 51.6 | 62.4 | 153        | 151        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 13   | 48     | 54     | 1.549     | 0.066     | 2.546 | 0.016     | 0.016     | 0         | 52.5 | 52   | 63.2 | 153        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 13   | 58     | 54     | 1.585     | 0.039     | 2.546 | 0.02      | 0.016     | 0         | 52.9 | 52   | 63.2 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 14   | 8      | 54     | 1.581     | 0         | 2.546 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 63.6 | 153        | 150        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 14   | 18     | 54     | 1.568     | 0.069     | 2.546 | 0.02      | 0.016     | 0         | 52.5 | 52   | 61.5 | 153        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 14   | 28     | 54     | 1.555     | 0.023     | 2.546 | 0.02      | 0.016     | 0         | 52.9 | 52   | 63.6 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 14   | 38     | 54     | 1.591     | 0.033     | 2.546 | 0.02      | 0.016     | 0         | 52.9 | 51.6 | 62.8 | 153        | 151        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 14   | 48     | 54     | 1.578     | 0         | 2.546 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 62.8 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 14   | 58     | 54     | 1.594     | 0.023     | 2.546 | 0.016     | 0.013     | 0         | 52.5 | 52   | 63.2 | 154        | 151        | 0          | 32     | 30     |
| 2009 | 6     | 6   | 15   | 8      | 54     | 1.522     | 0.049     | 2.546 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 61.9 | 154        | 151        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 15   | 18     | 54     | 1.591     | -0.02     | 2.543 | 0.016     | 0.016     | 0         | 53.3 | 52   | 64.1 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 15   | 28     | 54     | 1.588     | 0.056     | 2.543 | 0.016     | 0.016     | 0         | 52.5 | 52   | 61.9 | 154        | 151        | 0          | 32     | 30     |
| 2009 | 6     | 6   | 15   | 38     | 54     | 1.545     | 0.056     | 2.546 | 0.02      | 0.016     | 0         | 53.3 | 51.6 | 63.2 | 154        | 151        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 15   | 48     | 54     | 1.627     | -0.046    | 2.546 | 0.016     | 0.016     | 0         | 52.9 | 52   | 60.6 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 15   | 58     | 54     | 1.562     | 0.043     | 2.546 | 0.013     | 0.01      | 0         | 52.9 | 51.6 | 63.2 | 154        | 151        | 0          | 31     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 6   | 16   | 8      | 54     | 1.549     | 0.066     | 2.546 | 0.02      | 0.016     | 0         | 52.9 | 52   | 63.6 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 16   | 18     | 54     | 1.594     | 0.007     | 2.543 | 0.016     | 0.013     | 0         | 53.3 | 52   | 61.5 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 16   | 28     | 54     | 1.539     | 0.049     | 2.543 | 0.016     | 0.016     | 0         | 52.5 | 52   | 64.5 | 153        | 150        | 0          | 31     | 29     |
| 2009 | 6     | 6   | 16   | 38     | 54     | 1.565     | 0.046     | 2.543 | 0.02      | 0.016     | 0         | 52.9 | 51.6 | 62.8 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 16   | 48     | 54     | 1.585     | 0.026     | 2.543 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 63.2 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 16   | 58     | 54     | 1.555     | 0.043     | 2.543 | 0.016     | 0.016     | 0         | 53.3 | 51.6 | 62.8 | 154        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 17   | 8      | 54     | 1.614     | -0.016    | 2.543 | 0.02      | 0.016     | 0         | 52.9 | 52   | 62.8 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 17   | 18     | 54     | 1.614     | 0.033     | 2.543 | 0.016     | 0.016     | 0         | 52.9 | 52   | 62.4 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 17   | 28     | 54     | 1.542     | 0.052     | 2.543 | 0.026     | 0.023     | 0         | 52.9 | 51.6 | 63.6 | 154        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 17   | 38     | 54     | 1.575     | 0.069     | 2.543 | 0.016     | 0.013     | 0         | 52.9 | 52   | 63.2 | 153        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 17   | 48     | 54     | 1.552     | 0.023     | 2.543 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 62.4 | 154        | 151        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 17   | 58     | 54     | 1.627     | 0.003     | 2.543 | 0.016     | 0.016     | 0         | 53.3 | 52   | 62.8 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 18   | 8      | 54     | 1.568     | 0         | 2.543 | 0.02      | 0.016     | 0         | 53.3 | 52   | 61.1 | 155        | 152        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 18   | 18     | 54     | 1.539     | 0.052     | 2.543 | 0.016     | 0.013     | 0         | 53.3 | 52   | 63.6 | 155        | 152        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 18   | 28     | 54     | 1.575     | 0.062     | 2.543 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 61.9 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 18   | 38     | 54     | 1.578     | 0.033     | 2.543 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 62.8 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 18   | 48     | 54     | 1.568     | 0.02      | 2.543 | 0.016     | 0.016     | 0         | 52.9 | 52   | 63.6 | 155        | 152        | 0          | 32     | 31     |
| 2009 | 6     | 6   | 18   | 58     | 54     | 1.621     | -0.01     | 2.543 | 0.02      | 0.016     | 0         | 52.9 | 51.6 | 63.2 | 154        | 151        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 19   | 8      | 54     | 1.601     | 0.033     | 2.543 | 0.016     | 0.016     | 0         | 52.9 | 52   | 62.8 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 19   | 18     | 54     | 1.594     | 0.043     | 2.543 | 0.02      | 0.016     | 0         | 52.9 | 52   | 62.4 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 19   | 28     | 54     | 1.552     | 0.069     | 2.543 | 0.016     | 0.016     | 0         | 53.3 | 52   | 62.4 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 19   | 38     | 54     | 1.581     | -0.01     | 2.543 | 0.016     | 0.016     | 0         | 52.9 | 52   | 61.9 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 19   | 48     | 54     | 1.562     | 0.003     | 2.543 | 0.016     | 0.013     | 0         | 52.5 | 52.5 | 63.6 | 154        | 152        | 0          | 32     | 30     |
| 2009 | 6     | 6   | 19   | 58     | 54     | 1.539     | 0.056     | 2.543 | 0.02      | 0.016     | 0         | 52.9 | 51.6 | 62.8 | 154        | 151        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 20   | 8      | 54     | 1.588     | 0.059     | 2.543 | 0.016     | 0.016     | 0         | 52.5 | 52   | 63.2 | 154        | 151        | 0          | 32     | 30     |
| 2009 | 6     | 6   | 20   | 18     | 54     | 1.575     | 0.01      | 2.543 | 0.02      | 0.016     | 0         | 53.3 | 52   | 62.8 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 20   | 28     | 54     | 1.542     | 0.013     | 2.543 | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 61.9 | 154        | 151        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 20   | 38     | 54     | 1.598     | 0.02      | 2.543 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 62.4 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 20   | 48     | 54     | 1.585     | 0.01      | 2.543 | 0.016     | 0.013     | 0         | 52.9 | 52   | 62.8 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 20   | 58     | 54     | 1.627     | 0         | 2.543 | 0.016     | 0.013     | 0         | 52.9 | 52   | 61.9 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 21   | 8      | 54     | 1.522     | 0.023     | 2.543 | 0.02      | 0.016     | 0         | 52.9 | 51.2 | 63.2 | 153        | 150        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 21   | 18     | 54     | 1.594     | 0.033     | 2.543 | 0.016     | 0.016     | 0         | 52.9 | 52   | 62.8 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 21   | 28     | 54     | 1.578     | 0.049     | 2.543 | 0.016     | 0.013     | 0         | 53.3 | 51.6 | 63.2 | 154        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 21   | 38     | 54     | 1.572     | 0.023     | 2.543 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 63.2 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 21   | 48     | 54     | 1.575     | 0.052     | 2.543 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 63.6 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 21   | 58     | 54     | 1.581     | 0.039     | 2.543 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 63.2 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 22   | 8      | 54     | 1.542     | 0.056     | 2.543 | 0.016     | 0.016     | 0         | 52.9 | 51.2 | 63.2 | 154        | 150        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 22   | 18     | 54     | 1.552     | 0.049     | 2.543 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 63.2 | 154        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 22   | 28     | 54     | 1.601     | 0.033     | 2.543 | 0.016     | 0.016     | 0         | 52.9 | 52   | 61.1 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 22   | 38     | 54     | 1.631     | 0.043     | 2.543 | 0.02      | 0.016     | 0         | 52.9 | 51.2 | 61.1 | 154        | 150        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 22   | 48     | 54     | 1.585     | 0.02      | 2.543 | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 62.8 | 154        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 22   | 58     | 54     | 1.588     | 0.003     | 2.539 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 61.5 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 23   | 8      | 54     | 1.545     | 0.056     | 2.543 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 60.6 | 154        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 23   | 18     | 54     | 1.637     | -0.052    | 2.539 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 60.6 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 23   | 28     | 54     | 1.558     | 0.036     | 2.539 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 61.9 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 23   | 38     | 54     | 1.594     | 0.023     | 2.539 | 0.016     | 0.016     | 0         | 52.9 | 52.5 | 61.5 | 155        | 152        | 0          | 32     | 30     |
| 2009 | 6     | 6   | 23   | 48     | 54     | 1.585     | 0.036     | 2.539 | 0.02      | 0.016     | 0         | 53.3 | 52   | 61.5 | 155        | 152        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 23   | 58     | 54     | 1.588     | 0.046     | 2.539 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 60.6 | 155        | 152        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 7   | 0    | 8      | 54     | 1.572     | 0.03      | 2.539 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 61.5 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 0    | 18     | 54     | 1.565     | 0.026     | 2.539 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 62.4 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 0    | 28     | 54     | 1.572     | 0.033     | 2.539 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 60.6 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 0    | 38     | 54     | 1.575     | 0.036     | 2.536 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 61.5 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 0    | 48     | 54     | 1.581     | 0.049     | 2.536 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 61.9 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 0    | 58     | 54     | 1.64      | 0         | 2.536 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 60.2 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 1    | 8      | 54     | 1.585     | 0.036     | 2.536 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 59.8 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 1    | 18     | 54     | 1.555     | 0.062     | 2.536 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 59.8 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 1    | 28     | 54     | 1.581     | 0.007     | 2.533 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 60.2 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 1    | 38     | 54     | 1.552     | 0.039     | 2.533 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 59.8 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 1    | 48     | 54     | 1.588     | 0.01      | 2.533 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 60.6 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 1    | 58     | 54     | 1.568     | 0.026     | 2.533 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 58.5 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 2    | 8      | 54     | 1.608     | -0.02     | 2.533 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 58.5 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 2    | 18     | 54     | 1.555     | 0.102     | 2.533 | 0.02      | 0.016     | 0         | 53.8 | 53.3 | 59.3 | 156        | 153        | 0          | 31     | 29     |
| 2009 | 6     | 7   | 2    | 28     | 54     | 1.604     | 0.062     | 2.53  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 57.6 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 2    | 38     | 54     | 1.568     | -0.01     | 2.53  | 0.016     | 0.016     | 0         | 54.2 | 52   | 58.5 | 156        | 152        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 2    | 48     | 54     | 1.594     | 0         | 2.53  | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 58.5 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 2    | 58     | 54     | 1.522     | 0.023     | 2.53  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 59.8 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 3    | 8      | 54     | 1.562     | 0         | 2.53  | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 60.2 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 3    | 18     | 54     | 1.601     | 0.023     | 2.53  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 58.9 | 156        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 3    | 28     | 54     | 1.575     | 0.023     | 2.53  | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 60.6 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 3    | 38     | 54     | 1.562     | 0.03      | 2.53  | 0.016     | 0.016     | 0         | 53.8 | 53.3 | 60.2 | 156        | 153        | 0          | 31     | 29     |
| 2009 | 6     | 7   | 3    | 48     | 54     | 1.568     | 0.056     | 2.53  | 0.023     | 0.02      | 0         | 54.2 | 52.9 | 58.9 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 3    | 58     | 54     | 1.578     | 0.01      | 2.53  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 59.8 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 4    | 8      | 54     | 1.549     | 0.026     | 2.53  | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 60.2 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 4    | 18     | 54     | 1.572     | 0.003     | 2.53  | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 59.3 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 4    | 28     | 54     | 1.594     | 0.01      | 2.526 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 59.8 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 4    | 38     | 54     | 1.539     | 0.043     | 2.53  | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 60.6 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 4    | 48     | 54     | 1.585     | 0.01      | 2.526 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 58.9 | 157        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 4    | 58     | 54     | 1.621     | -0.01     | 2.526 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 58.9 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 5    | 8      | 54     | 1.562     | 0.036     | 2.53  | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 57.6 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 5    | 18     | 54     | 1.614     | -0.016    | 2.526 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 55.9 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 5    | 28     | 54     | 1.572     | 0.059     | 2.526 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 58.9 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 5    | 38     | 54     | 1.572     | 0.066     | 2.526 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 59.3 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 5    | 48     | 54     | 1.617     | -0.01     | 2.526 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 57.6 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 5    | 58     | 54     | 1.631     | 0.043     | 2.526 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 57.6 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 6    | 8      | 54     | 1.634     | 0.052     | 2.523 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 58   | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 6    | 18     | 54     | 1.611     | 0.023     | 2.526 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 59.3 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 6    | 28     | 54     | 1.539     | -0.01     | 2.526 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 57.6 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 6    | 38     | 54     | 1.594     | 0.039     | 2.526 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 59.3 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 6    | 48     | 54     | 1.552     | 0.007     | 2.523 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 58.5 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 6    | 58     | 54     | 1.604     | 0.026     | 2.526 | 0.016     | 0.016     | 0         | 53.3 | 52   | 60.2 | 155        | 152        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 7    | 8      | 54     | 1.611     | 0.023     | 2.523 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 59.3 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 7    | 18     | 54     | 1.604     | 0.013     | 2.523 | 0.016     | 0.016     | 0         | 53.3 | 52   | 58.5 | 155        | 152        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 7    | 28     | 54     | 1.594     | 0.03      | 2.523 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 57.6 | 155        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 7    | 38     | 54     | 1.568     | 0.043     | 2.523 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 59.8 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 7    | 48     | 54     | 1.611     | 0.003     | 2.52  | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 58.9 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 7    | 58     | 54     | 1.598     | 0.023     | 2.523 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 58.5 | 155        | 152        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 7   | 8    | 8      | 54     | 1.585     | 0.003     | 2.52  | 0.016     | 0.013     | 0         | 53.3 | 52   | 59.8 | 156        | 152        | 0          | 32     | 31     |
| 2009 | 6     | 7   | 8    | 18     | 54     | 1.581     | -0.016    | 2.52  | 0.02      | 0.016     | 0         | 53.3 | 52   | 57.6 | 155        | 152        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 8    | 28     | 54     | 1.539     | 0.003     | 2.52  | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 58   | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 8    | 38     | 54     | 1.631     | 0.01      | 2.52  | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 58.5 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 8    | 48     | 54     | 1.601     | 0.043     | 2.52  | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 60.2 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 8    | 58     | 54     | 1.591     | 0.02      | 2.52  | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 58.5 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 9    | 8      | 54     | 1.578     | 0.02      | 2.52  | 0.016     | 0.013     | 0         | 53.3 | 52.5 | 60.6 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 9    | 18     | 54     | 1.601     | 0         | 2.52  | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 59.8 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 9    | 28     | 54     | 1.594     | 0.01      | 2.516 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 58.9 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 9    | 38     | 54     | 1.601     | 0.052     | 2.516 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 58.9 | 156        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 9    | 48     | 54     | 1.608     | 0         | 2.516 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 60.6 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 9    | 58     | 54     | 1.578     | 0.059     | 2.516 | 0.023     | 0.02      | 0         | 53.3 | 52   | 59.8 | 155        | 152        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 10   | 8      | 54     | 1.535     | 0.069     | 2.516 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 60.6 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 10   | 18     | 54     | 1.578     | 0.056     | 2.516 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 60.6 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 10   | 28     | 54     | 1.598     | 0.023     | 2.516 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 58.5 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 10   | 38     | 54     | 1.549     | 0.003     | 2.516 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 59.3 | 156        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 10   | 48     | 54     | 1.552     | 0         | 2.516 | 0.02      | 0.016     | 0         | 53.3 | 52.9 | 59.8 | 155        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 10   | 58     | 54     | 1.555     | 0.016     | 2.513 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 60.2 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 11   | 8      | 54     | 1.575     | 0.03      | 2.513 | 0.016     | 0.013     | 0         | 52.9 | 52.5 | 61.5 | 155        | 152        | 0          | 32     | 30     |
| 2009 | 6     | 7   | 11   | 18     | 54     | 1.575     | 0.069     | 2.516 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 60.2 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 11   | 28     | 54     | 1.558     | 0.049     | 2.513 | 0.02      | 0.016     | 0         | 52.9 | 52   | 59.8 | 155        | 152        | 0          | 32     | 31     |
| 2009 | 6     | 7   | 11   | 38     | 54     | 1.608     | 0.016     | 2.513 | 0.026     | 0.023     | 0         | 53.8 | 52.5 | 60.6 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 11   | 48     | 54     | 1.591     | 0.01      | 2.513 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 59.8 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 11   | 58     | 54     | 1.594     | 0.023     | 2.513 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 58.5 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 12   | 8      | 54     | 1.581     | 0.033     | 2.513 | 0.016     | 0.016     | 0         | 53.3 | 52   | 60.6 | 155        | 152        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 12   | 18     | 54     | 1.64      | -0.023    | 2.513 | 0.02      | 0.016     | 0         | 53.3 | 52   | 60.6 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 12   | 28     | 54     | 1.65      | -0.043    | 2.513 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 60.2 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 12   | 38     | 54     | 1.558     | 0         | 2.513 | 0.016     | 0.013     | 0         | 53.3 | 52.5 | 60.2 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 12   | 48     | 54     | 1.624     | 0.023     | 2.513 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 61.5 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 12   | 58     | 54     | 1.572     | 0.046     | 2.513 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 60.6 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 13   | 8      | 54     | 1.621     | 0         | 2.513 | 0.016     | 0.013     | 0         | 52.9 | 52   | 61.5 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 13   | 18     | 54     | 1.604     | 0         | 2.513 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 59.8 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 13   | 28     | 54     | 1.627     | 0.039     | 2.513 | 0.016     | 0.016     | 0         | 52.9 | 52   | 61.9 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 13   | 38     | 54     | 1.572     | 0.075     | 2.513 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 61.9 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 13   | 48     | 54     | 1.644     | -0.052    | 2.513 | 0.016     | 0.016     | 0         | 52.9 | 52.5 | 60.6 | 154        | 151        | 0          | 31     | 29     |
| 2009 | 6     | 7   | 13   | 58     | 54     | 1.617     | 0.023     | 2.513 | 0.016     | 0.016     | 0         | 53.3 | 53.3 | 60.6 | 156        | 154        | 0          | 32     | 30     |
| 2009 | 6     | 7   | 14   | 8      | 54     | 1.588     | 0.023     | 2.513 | 0.016     | 0.013     | 0         | 53.3 | 52   | 61.5 | 155        | 152        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 14   | 18     | 54     | 1.598     | 0.033     | 2.513 | 0.016     | 0.016     | 0         | 54.2 | 52.5 | 61.9 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 14   | 28     | 54     | 1.611     | 0.023     | 2.513 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 61.5 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 14   | 38     | 54     | 1.591     | 0.023     | 2.513 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 61.9 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 14   | 48     | 54     | 1.585     | 0.023     | 2.513 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 60.2 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 14   | 58     | 54     | 1.66      | 0.003     | 2.513 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 61.9 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 15   | 8      | 54     | 1.591     | 0.016     | 2.513 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 61.9 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 15   | 18     | 54     | 1.594     | 0.02      | 2.513 | 0.023     | 0.023     | 0         | 53.3 | 52.5 | 62.8 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 15   | 28     | 54     | 1.565     | 0.043     | 2.513 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 61.5 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 15   | 38     | 54     | 1.585     | 0.056     | 2.513 | 0.016     | 0.016     | 0         | 53.3 | 52   | 62.4 | 155        | 152        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 15   | 48     | 54     | 1.578     | -0.003    | 2.513 | 0.02      | 0.016     | 0         | 53.3 | 52   | 61.5 | 155        | 152        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 15   | 58     | 54     | 1.631     | 0.023     | 2.513 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 60.2 | 155        | 152        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 7   | 16   | 8      | 54     | 1.542     | 0.033     | 2.513 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 62.4 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 16   | 18     | 54     | 1.601     | -0.003    | 2.513 | 0.026     | 0.023     | 0         | 54.6 | 53.3 | 61.5 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 16   | 28     | 54     | 1.562     | 0.043     | 2.513 | 0.016     | 0.016     | 0         | 55   | 53.8 | 59.3 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 16   | 38     | 54     | 1.647     | 0.066     | 2.513 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 59.8 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 16   | 48     | 54     | 1.581     | 0.056     | 2.516 | 0.023     | 0.02      | 0         | 54.2 | 53.3 | 60.2 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 16   | 58     | 54     | 1.493     | 0.056     | 2.513 | 0.016     | 0.016     | 0         | 54.2 | 53.8 | 62.4 | 157        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 7   | 17   | 8      | 54     | 1.591     | -0.003    | 2.513 | 0.016     | 0.013     | 0         | 54.2 | 52.9 | 60.2 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 17   | 18     | 54     | 1.591     | 0.023     | 2.516 | 0.016     | 0.016     | 0         | 53.8 | 53.3 | 61.5 | 156        | 153        | 0          | 31     | 29     |
| 2009 | 6     | 7   | 17   | 28     | 54     | 1.585     | 0.023     | 2.513 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 61.1 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 17   | 38     | 54     | 1.64      | -0.023    | 2.516 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 60.2 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 17   | 48     | 54     | 1.617     | -0.036    | 2.516 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 59.8 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 17   | 58     | 54     | 1.627     | 0         | 2.516 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 60.2 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 18   | 8      | 54     | 1.673     | -0.049    | 2.516 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 60.6 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 18   | 18     | 54     | 1.647     | 0.023     | 2.516 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 61.1 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 18   | 28     | 54     | 1.631     | 0.02      | 2.516 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 61.1 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 18   | 38     | 54     | 1.591     | 0.02      | 2.516 | 0.016     | 0.013     | 0         | 54.2 | 52.9 | 61.9 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 18   | 48     | 54     | 1.601     | 0         | 2.516 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 60.6 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 18   | 58     | 54     | 1.585     | -0.046    | 2.516 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 61.5 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 19   | 8      | 54     | 1.663     | 0.01      | 2.516 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 61.5 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 19   | 18     | 54     | 1.581     | 0.01      | 2.516 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 61.1 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 19   | 28     | 54     | 1.608     | 0         | 2.516 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 61.1 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 19   | 38     | 54     | 1.65      | 0         | 2.516 | 0.023     | 0.02      | 0         | 53.8 | 52.9 | 59.3 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 19   | 48     | 54     | 1.555     | -0.023    | 2.516 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 62.4 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 19   | 58     | 54     | 1.657     | -0.023    | 2.516 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 60.2 | 156        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 20   | 8      | 54     | 1.617     | -0.003    | 2.516 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 59.8 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 20   | 18     | 54     | 1.647     | 0.013     | 2.516 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 60.6 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 20   | 28     | 54     | 1.611     | 0.026     | 2.52  | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 60.2 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 20   | 38     | 54     | 1.588     | 0.003     | 2.52  | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 59.3 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 20   | 48     | 54     | 1.611     | 0         | 2.52  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 59.3 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 20   | 58     | 54     | 1.552     | 0.066     | 2.52  | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 61.9 | 157        | 153        | 0          | 31     | 29     |
| 2009 | 6     | 7   | 21   | 8      | 54     | 1.588     | 0.023     | 2.52  | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 61.1 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 21   | 18     | 54     | 1.604     | 0.01      | 2.52  | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 60.2 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 21   | 28     | 54     | 1.621     | -0.01     | 2.52  | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 60.6 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 21   | 38     | 54     | 1.591     | 0.033     | 2.52  | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 61.5 | 156        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 21   | 48     | 54     | 1.617     | 0.023     | 2.52  | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 61.1 | 156        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 21   | 58     | 54     | 1.601     | 0.082     | 2.52  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 61.9 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 22   | 8      | 54     | 1.608     | 0.033     | 2.52  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 61.1 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 22   | 18     | 54     | 1.617     | 0         | 2.52  | 0.016     | 0.016     | 0         | 54.2 | 52.5 | 61.9 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 22   | 28     | 54     | 1.539     | 0.043     | 2.52  | 0.02      | 0.016     | 0         | 53.8 | 52   | 62.4 | 156        | 152        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 22   | 38     | 54     | 1.637     | -0.016    | 2.52  | 0.023     | 0.02      | 0         | 54.2 | 52.5 | 60.6 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 22   | 48     | 54     | 1.608     | 0.03      | 2.52  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 61.5 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 22   | 58     | 54     | 1.614     | -0.01     | 2.52  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 61.5 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 23   | 8      | 54     | 1.581     | 0.056     | 2.52  | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 62.4 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 23   | 18     | 54     | 1.555     | 0.01      | 2.52  | 0.016     | 0.016     | 0         | 54.2 | 52.5 | 61.5 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 23   | 28     | 54     | 1.585     | 0.01      | 2.52  | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 60.2 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 23   | 38     | 54     | 1.581     | -0.013    | 2.52  | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 59.8 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 23   | 48     | 54     | 1.591     | 0.062     | 2.52  | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 60.2 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 23   | 58     | 54     | 1.578     | 0.03      | 2.52  | 0.016     | 0.016     | 0         | 54.2 | 52.5 | 62.4 | 156        | 152        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 8   | 0    | 8      | 54     | 1.647     | 0.043     | 2.52  | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 59.8 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 0    | 18     | 54     | 1.614     | 0.026     | 2.52  | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 60.6 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 0    | 28     | 54     | 1.65      | -0.023    | 2.52  | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 59.8 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 0    | 38     | 54     | 1.539     | 0.016     | 2.52  | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 60.6 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 0    | 48     | 54     | 1.66      | -0.01     | 2.523 | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 59.8 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 0    | 58     | 54     | 1.601     | 0.043     | 2.523 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 60.2 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 1    | 8      | 54     | 1.558     | 0.052     | 2.523 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 61.5 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 1    | 18     | 54     | 1.624     | 0.039     | 2.523 | 0.02      | 0.016     | 0         | 55   | 53.3 | 59.3 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 1    | 28     | 54     | 1.588     | 0.046     | 2.523 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 60.2 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 1    | 38     | 54     | 1.611     | 0.036     | 2.523 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 59.8 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 1    | 48     | 54     | 1.588     | 0.049     | 2.523 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 59.3 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 1    | 58     | 54     | 1.647     | -0.033    | 2.523 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 59.3 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 2    | 8      | 54     | 1.66      | -0.01     | 2.523 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 60.6 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 2    | 18     | 54     | 1.565     | 0.046     | 2.523 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 61.1 | 158        | 154        | 0          | 32     | 30     |
| 2009 | 6     | 8   | 2    | 28     | 54     | 1.594     | 0.043     | 2.523 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 59.8 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 2    | 38     | 54     | 1.611     | 0.023     | 2.523 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 59.3 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 2    | 48     | 54     | 1.575     | 0.056     | 2.523 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 61.1 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 2    | 58     | 54     | 1.617     | 0.036     | 2.523 | 0.02      | 0.016     | 0         | 55   | 53.8 | 58   | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 3    | 8      | 54     | 1.601     | 0.013     | 2.523 | 0.016     | 0.016     | 0         | 55   | 53.8 | 58.9 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 3    | 18     | 54     | 1.568     | 0         | 2.523 | 0.02      | 0.016     | 0         | 55.5 | 53.8 | 59.3 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 3    | 28     | 54     | 1.588     | 0.026     | 2.523 | 0.016     | 0.016     | 0         | 55   | 53.8 | 59.3 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 3    | 38     | 54     | 1.529     | 0.046     | 2.523 | 0.016     | 0.016     | 0         | 55   | 53.8 | 61.5 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 3    | 48     | 54     | 1.572     | 0.01      | 2.523 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 60.2 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 3    | 58     | 54     | 1.581     | -0.026    | 2.523 | 0.02      | 0.016     | 0         | 55   | 53.8 | 58.5 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 4    | 8      | 54     | 1.542     | 0.079     | 2.523 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 60.6 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 4    | 18     | 54     | 1.614     | -0.01     | 2.526 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 57.6 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 4    | 28     | 54     | 1.601     | 0.072     | 2.523 | 0.016     | 0.016     | 0         | 55   | 53.8 | 58.9 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 4    | 38     | 54     | 1.568     | 0.066     | 2.526 | 0.02      | 0.016     | 0         | 55.5 | 53.8 | 58.9 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 4    | 48     | 54     | 1.581     | 0.016     | 2.526 | 0.026     | 0.023     | 0         | 54.6 | 53.8 | 57.6 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 4    | 58     | 54     | 1.611     | 0.082     | 2.526 | 0.016     | 0.016     | 0         | 55   | 53.3 | 57.6 | 159        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 5    | 8      | 54     | 1.604     | 0         | 2.526 | 0.02      | 0.016     | 0         | 55.5 | 53.8 | 57.6 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 5    | 18     | 54     | 1.578     | 0.003     | 2.526 | 0.02      | 0.016     | 0         | 55   | 54.2 | 57.6 | 159        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 5    | 28     | 54     | 1.588     | 0.023     | 2.53  | 0.02      | 0.016     | 0         | 55.5 | 54.2 | 58.5 | 159        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 5    | 38     | 54     | 1.594     | 0.043     | 2.53  | 0.02      | 0.016     | 0         | 55.5 | 54.2 | 58   | 159        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 5    | 48     | 54     | 1.608     | 0.013     | 2.53  | 0.016     | 0.013     | 0         | 55.5 | 54.2 | 56.3 | 159        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 5    | 58     | 54     | 1.532     | -0.003    | 2.53  | 0.02      | 0.016     | 0         | 55   | 54.2 | 58   | 159        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 6    | 8      | 54     | 1.608     | 0.013     | 2.533 | 0.02      | 0.016     | 0         | 55.5 | 54.2 | 58.9 | 160        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 6    | 18     | 54     | 1.598     | 0.01      | 2.533 | 0.02      | 0.016     | 0         | 55   | 53.8 | 58.9 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 6    | 28     | 54     | 1.624     | 0.02      | 2.533 | 0.02      | 0.016     | 0         | 55   | 53.8 | 58   | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 6    | 38     | 54     | 1.621     | 0.033     | 2.533 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 58.5 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 6    | 48     | 54     | 1.624     | 0         | 2.533 | 0.016     | 0.016     | 0         | 55   | 53.8 | 58   | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 6    | 58     | 54     | 1.611     | -0.026    | 2.533 | 0.02      | 0.016     | 0         | 55   | 53.8 | 57.2 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 7    | 8      | 54     | 1.591     | 0.02      | 2.533 | 0.016     | 0.016     | 0         | 55   | 53.8 | 57.6 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 7    | 18     | 54     | 1.604     | -0.007    | 2.533 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 58.9 | 158        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 7    | 28     | 54     | 1.617     | -0.003    | 2.536 | 0.016     | 0.016     | 0         | 54.2 | 53.8 | 57.6 | 157        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 8   | 7    | 38     | 54     | 1.542     | 0.115     | 2.536 | 0.016     | 0.013     | 0         | 54.2 | 53.3 | 58.9 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 7    | 48     | 54     | 1.624     | 0.013     | 2.536 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 58.9 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 7    | 58     | 54     | 1.598     | -0.016    | 2.536 | 0.016     | 0.013     | 0         | 54.6 | 53.3 | 59.8 | 157        | 154        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 8   | 8    | 8      | 54     | 1.575     | 0.039     | 2.536 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 60.6 | 157        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 8    | 18     | 54     | 1.565     | 0.03      | 2.536 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 60.2 | 157        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 8    | 28     | 54     | 1.568     | 0.007     | 2.536 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 59.8 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 8    | 38     | 54     | 1.637     | -0.023    | 2.536 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 59.3 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 8    | 48     | 54     | 1.588     | 0.052     | 2.536 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 61.1 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 8    | 58     | 54     | 1.552     | 0         | 2.536 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 60.2 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 9    | 8      | 54     | 1.598     | -0.03     | 2.536 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 59.3 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 9    | 18     | 54     | 1.549     | 0.01      | 2.536 | 0.016     | 0.013     | 0         | 54.2 | 52.9 | 61.5 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 9    | 28     | 54     | 1.581     | 0.02      | 2.536 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 61.5 | 157        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 9    | 38     | 54     | 1.637     | 0.039     | 2.536 | 0.016     | 0.013     | 0         | 53.8 | 52.5 | 60.2 | 156        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 9    | 48     | 54     | 1.604     | -0.01     | 2.536 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 59.3 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 9    | 58     | 54     | 1.565     | -0.02     | 2.539 | 0.016     | 0.013     | 0         | 53.8 | 52.9 | 60.6 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 10   | 8      | 54     | 1.545     | 0.033     | 2.536 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 60.6 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 10   | 18     | 54     | 1.588     | 0.026     | 2.536 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 59.8 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 10   | 28     | 54     | 1.581     | -0.01     | 2.536 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 59.3 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 10   | 38     | 54     | 1.598     | 0.01      | 2.539 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 61.1 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 10   | 48     | 54     | 1.581     | 0.02      | 2.539 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 59.8 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 10   | 58     | 54     | 1.598     | 0.02      | 2.539 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 59.8 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 11   | 8      | 54     | 1.578     | 0.046     | 2.536 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 60.2 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 11   | 18     | 54     | 1.588     | 0.01      | 2.539 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 58.9 | 157        | 153        | 0          | 32     | 30     |
| 2009 | 6     | 8   | 11   | 28     | 54     | 1.66      | -0.026    | 2.539 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 60.2 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 11   | 38     | 54     | 1.611     | 0         | 2.539 | 0.02      | 0.016     | 0         | 53.3 | 52.9 | 59.8 | 156        | 153        | 0          | 32     | 30     |
| 2009 | 6     | 8   | 11   | 48     | 54     | 1.598     | 0         | 2.539 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 59.3 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 11   | 58     | 54     | 1.591     | 0.043     | 2.539 | 0.016     | 0.013     | 0         | 54.6 | 53.3 | 59.8 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 12   | 8      | 54     | 1.552     | 0.013     | 2.539 | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 59.3 | 158        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 12   | 18     | 54     | 1.585     | 0.016     | 2.539 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 60.2 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 12   | 28     | 54     | 1.624     | 0.016     | 2.539 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 59.8 | 158        | 155        | 0          | 32     | 31     |
| 2009 | 6     | 8   | 12   | 38     | 54     | 1.598     | -0.003    | 2.539 | 0.02      | 0.016     | 0         | 55.5 | 54.6 | 57.6 | 160        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 12   | 48     | 54     | 1.585     | 0         | 2.539 | 0.02      | 0.016     | 0         | 55   | 53.8 | 59.8 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 12   | 58     | 54     | 1.608     | 0.01      | 2.539 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 60.2 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 13   | 8      | 54     | 1.617     | 0.01      | 2.539 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 60.6 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 13   | 18     | 54     | 1.503     | 0.089     | 2.539 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 61.1 | 157        | 153        | 0          | 31     | 29     |
| 2009 | 6     | 8   | 13   | 28     | 54     | 1.594     | 0.023     | 2.539 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 59.3 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 13   | 38     | 54     | 1.572     | 0.016     | 2.539 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 59.8 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 13   | 48     | 54     | 1.611     | 0.043     | 2.539 | 0.02      | 0.016     | 0         | 55   | 54.2 | 59.3 | 159        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 13   | 58     | 54     | 1.588     | 0         | 2.539 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 57.6 | 158        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 8   | 14   | 8      | 54     | 1.562     | -0.007    | 2.536 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 59.8 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 14   | 18     | 54     | 1.549     | 0.033     | 2.539 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 60.6 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 14   | 28     | 54     | 1.634     | 0         | 2.539 | 0.023     | 0.02      | 0         | 54.2 | 52.9 | 58.5 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 14   | 38     | 54     | 1.535     | 0.016     | 2.539 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 59.3 | 157        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 14   | 48     | 54     | 1.581     | 0.062     | 2.539 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 58.5 | 157        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 14   | 58     | 54     | 1.634     | -0.013    | 2.539 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 59.3 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 15   | 8      | 54     | 1.604     | 0.02      | 2.536 | 0.016     | 0.016     | 0         | 55   | 53.8 | 58   | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 15   | 18     | 54     | 1.647     | 0.02      | 2.536 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 56.8 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 15   | 28     | 54     | 1.617     | 0.007     | 2.539 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 59.8 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 15   | 38     | 54     | 1.581     | 0.016     | 2.536 | 0.026     | 0.023     | 0         | 54.6 | 52.9 | 58   | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 15   | 48     | 54     | 1.634     | 0.026     | 2.536 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 58.9 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 15   | 58     | 54     | 1.604     | 0.043     | 2.536 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 59.8 | 157        | 154        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 8   | 16   | 8      | 54     | 1.624     | 0         | 2.536 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 58.5 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 16   | 18     | 54     | 1.591     | 0.013     | 2.536 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 59.8 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 16   | 28     | 54     | 1.591     | 0.056     | 2.536 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 57.2 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 16   | 38     | 54     | 1.585     | 0.069     | 2.536 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 58.9 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 16   | 48     | 54     | 1.591     | 0.023     | 2.536 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 59.8 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 16   | 58     | 54     | 1.598     | 0.036     | 2.536 | 0.023     | 0.02      | 0         | 53.8 | 52.5 | 59.3 | 156        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 17   | 8      | 54     | 1.545     | -0.003    | 2.536 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 57.6 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 17   | 18     | 54     | 1.588     | 0.01      | 2.533 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 58   | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 17   | 28     | 54     | 1.581     | 0.023     | 2.533 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 59.3 | 156        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 17   | 38     | 54     | 1.578     | 0.01      | 2.533 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 57.6 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 17   | 48     | 54     | 1.601     | -0.003    | 2.533 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 59.3 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 17   | 58     | 54     | 1.598     | 0.003     | 2.533 | 0.02      | 0.016     | 0         | 55   | 54.2 | 56.8 | 159        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 18   | 8      | 54     | 1.627     | 0.049     | 2.533 | 0.016     | 0.013     | 0         | 55   | 54.2 | 58   | 159        | 155        | 0          | 31     | 29     |
| 2009 | 6     | 8   | 18   | 18     | 54     | 1.64      | 0         | 2.533 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 56.8 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 18   | 28     | 54     | 1.542     | 0.03      | 2.533 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 58   | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 18   | 38     | 54     | 1.634     | 0.01      | 2.533 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 57.6 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 18   | 48     | 54     | 1.631     | 0.01      | 2.533 | 0.016     | 0.013     | 0         | 54.2 | 52.5 | 57.2 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 18   | 58     | 54     | 1.578     | 0.007     | 2.533 | 0.016     | 0.016     | 0         | 54.2 | 52.5 | 59.3 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 19   | 8      | 54     | 1.581     | 0.066     | 2.533 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 59.3 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 19   | 18     | 54     | 1.624     | -0.023    | 2.533 | 0.016     | 0.013     | 0         | 53.8 | 52.5 | 58.9 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 19   | 28     | 54     | 1.575     | 0.01      | 2.533 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 59.3 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 19   | 38     | 54     | 1.614     | 0.033     | 2.53  | 0.016     | 0.016     | 0         | 54.2 | 52.5 | 59.3 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 19   | 48     | 54     | 1.637     | 0.036     | 2.533 | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 59.3 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 19   | 58     | 54     | 1.545     | 0.007     | 2.533 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 58   | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 20   | 8      | 54     | 1.572     | 0.033     | 2.533 | 0.02      | 0.016     | 0         | 55   | 53.8 | 58.5 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 20   | 18     | 54     | 1.585     | 0.01      | 2.533 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 59.3 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 20   | 28     | 54     | 1.654     | 0.003     | 2.533 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 58.5 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 20   | 38     | 54     | 1.634     | 0         | 2.533 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 60.2 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 20   | 48     | 54     | 1.588     | 0.033     | 2.533 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 59.3 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 20   | 58     | 54     | 1.598     | 0.013     | 2.533 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 58.5 | 156        | 152        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 21   | 8      | 54     | 1.562     | 0.049     | 2.533 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 61.5 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 21   | 18     | 54     | 1.588     | 0.01      | 2.533 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 61.1 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 21   | 28     | 54     | 1.611     | 0.02      | 2.53  | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 60.2 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 21   | 38     | 54     | 1.604     | 0.03      | 2.533 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 58.9 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 21   | 48     | 54     | 1.575     | 0.033     | 2.53  | 0.016     | 0.013     | 0         | 53.8 | 52.5 | 60.6 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 21   | 58     | 54     | 1.598     | 0.049     | 2.53  | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 60.2 | 155        | 151        | 0          | 31     | 29     |
| 2009 | 6     | 8   | 22   | 8      | 54     | 1.637     | -0.016    | 2.53  | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 58   | 155        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 22   | 18     | 54     | 1.634     | 0.007     | 2.53  | 0.016     | 0.016     | 0         | 53.8 | 52   | 61.1 | 155        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 22   | 28     | 54     | 1.621     | -0.026    | 2.53  | 0.02      | 0.016     | 0         | 53.3 | 52   | 58   | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 22   | 38     | 54     | 1.598     | 0.02      | 2.53  | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 59.3 | 155        | 152        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 22   | 48     | 54     | 1.588     | 0.03      | 2.53  | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 60.6 | 155        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 22   | 58     | 54     | 1.624     | 0.023     | 2.53  | 0.02      | 0.016     | 0         | 53.8 | 52   | 59.3 | 155        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 23   | 8      | 54     | 1.585     | 0.046     | 2.53  | 0.016     | 0.016     | 0         | 53.3 | 52   | 61.5 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 23   | 18     | 54     | 1.575     | 0.046     | 2.53  | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 59.8 | 156        | 152        | 0          | 31     | 29     |
| 2009 | 6     | 8   | 23   | 28     | 54     | 1.549     | 0.023     | 2.53  | 0.023     | 0.02      | 0         | 54.2 | 52.5 | 59.3 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 23   | 38     | 54     | 1.594     | 0.03      | 2.526 | 0.023     | 0.02      | 0         | 54.2 | 52.5 | 60.2 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 23   | 48     | 54     | 1.565     | 0.003     | 2.53  | 0.023     | 0.02      | 0         | 53.8 | 52.5 | 60.2 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 23   | 58     | 54     | 1.588     | 0.03      | 2.53  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 61.9 | 156        | 152        | 0          | 31     | 30     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 9   | 0    | 8      | 54     | 1.585     | 0.039     | 2.526 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 61.1 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 0    | 18     | 54     | 1.608     | 0.043     | 2.526 | 0.016     | 0.013     | 0         | 53.8 | 52.5 | 61.1 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 0    | 28     | 54     | 1.667     | 0         | 2.526 | 0.016     | 0.016     | 0         | 54.2 | 52.5 | 59.3 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 0    | 38     | 54     | 1.588     | -0.03     | 2.526 | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 60.2 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 0    | 48     | 54     | 1.617     | 0.026     | 2.526 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 60.6 | 156        | 152        | 0          | 30     | 29     |
| 2009 | 6     | 9   | 0    | 58     | 54     | 1.637     | 0.026     | 2.526 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 60.2 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 1    | 8      | 54     | 1.562     | 0.043     | 2.523 | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 60.2 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 1    | 18     | 54     | 1.588     | 0.043     | 2.526 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 61.1 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 1    | 28     | 54     | 1.621     | -0.046    | 2.523 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 59.8 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 1    | 38     | 54     | 1.555     | 0.046     | 2.526 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 61.9 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 1    | 48     | 54     | 1.608     | 0         | 2.523 | 0.016     | 0.013     | 0         | 54.6 | 52.9 | 60.6 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 1    | 58     | 54     | 1.604     | 0.023     | 2.523 | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 61.5 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 2    | 8      | 54     | 1.555     | 0         | 2.523 | 0.02      | 0.016     | 0         | 55   | 53.3 | 60.2 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 2    | 18     | 54     | 1.572     | 0.039     | 2.523 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 60.6 | 158        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 9   | 2    | 28     | 54     | 1.634     | -0.03     | 2.523 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 58.9 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 2    | 38     | 54     | 1.594     | 0.039     | 2.523 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.1 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 2    | 48     | 54     | 1.578     | 0.043     | 2.523 | 0.016     | 0.013     | 0         | 55   | 53.3 | 61.5 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 2    | 58     | 54     | 1.604     | 0.056     | 2.52  | 0.016     | 0.016     | 0         | 55   | 53.3 | 59.8 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 3    | 8      | 54     | 1.617     | -0.01     | 2.52  | 0.02      | 0.016     | 0         | 55   | 53.3 | 60.2 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 3    | 18     | 54     | 1.611     | 0.016     | 2.52  | 0.02      | 0.016     | 0         | 55   | 53.8 | 58.5 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 3    | 28     | 54     | 1.565     | 0.033     | 2.52  | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 60.6 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 3    | 38     | 54     | 1.522     | 0.043     | 2.52  | 0.016     | 0.013     | 0         | 54.6 | 53.8 | 61.1 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 3    | 48     | 54     | 1.624     | -0.01     | 2.52  | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 59.8 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 3    | 58     | 54     | 1.601     | 0.026     | 2.52  | 0.02      | 0.016     | 0         | 55.5 | 53.8 | 60.6 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 4    | 8      | 54     | 1.572     | 0.059     | 2.52  | 0.016     | 0.016     | 0         | 55   | 53.8 | 61.5 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 4    | 18     | 54     | 1.598     | 0.01      | 2.52  | 0.016     | 0.016     | 0         | 55   | 53.8 | 61.9 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 4    | 28     | 54     | 1.588     | 0.016     | 2.516 | 0.02      | 0.016     | 0         | 55   | 53.8 | 60.6 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 4    | 38     | 54     | 1.578     | 0.016     | 2.516 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 59.8 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 4    | 48     | 54     | 1.562     | 0.02      | 2.516 | 0.016     | 0.016     | 0         | 55   | 53.8 | 61.1 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 4    | 58     | 54     | 1.575     | 0.043     | 2.516 | 0.02      | 0.016     | 0         | 55   | 53.8 | 62.4 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 5    | 8      | 54     | 1.591     | -0.023    | 2.516 | 0.02      | 0.016     | 0         | 55.5 | 53.8 | 59.8 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 5    | 18     | 54     | 1.598     | 0.01      | 2.516 | 0.016     | 0.013     | 0         | 55   | 54.2 | 61.1 | 159        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 5    | 28     | 54     | 1.608     | -0.023    | 2.516 | 0.016     | 0.013     | 0         | 55.5 | 54.2 | 59.3 | 159        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 5    | 38     | 54     | 1.594     | 0.007     | 2.516 | 0.02      | 0.016     | 0         | 55   | 54.2 | 61.5 | 159        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 5    | 48     | 54     | 1.627     | -0.026    | 2.516 | 0.02      | 0.016     | 0         | 55   | 54.2 | 59.3 | 159        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 5    | 58     | 54     | 1.588     | 0.046     | 2.513 | 0.02      | 0.016     | 0         | 55   | 53.8 | 61.1 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 6    | 8      | 54     | 1.535     | 0.092     | 2.513 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 62.4 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 6    | 18     | 54     | 1.591     | -0.003    | 2.513 | 0.02      | 0.016     | 0         | 55.5 | 53.8 | 60.6 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 6    | 28     | 54     | 1.565     | 0.023     | 2.513 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 61.1 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 6    | 38     | 54     | 1.627     | -0.052    | 2.513 | 0.02      | 0.016     | 0         | 55   | 53.8 | 60.2 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 6    | 48     | 54     | 1.519     | 0.026     | 2.513 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 61.5 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 6    | 58     | 54     | 1.601     | 0.016     | 2.513 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 60.6 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 7    | 8      | 54     | 1.575     | 0.072     | 2.513 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 63.2 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 7    | 18     | 54     | 1.572     | 0.007     | 2.513 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 61.9 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 7    | 28     | 54     | 1.604     | 0         | 2.51  | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 61.5 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 7    | 38     | 54     | 1.591     | -0.01     | 2.51  | 0.02      | 0.016     | 0         | 55   | 53.3 | 61.1 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 7    | 48     | 54     | 1.575     | 0.016     | 2.51  | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 61.1 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 7    | 58     | 54     | 1.611     | 0.023     | 2.51  | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 61.5 | 158        | 155        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 9   | 8    | 8      | 54     | 1.562     | 0.01      | 2.51  | 0.02      | 0.016     | 0         | 55   | 53.8 | 61.5 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 8    | 18     | 54     | 1.591     | 0.036     | 2.51  | 0.016     | 0.016     | 0         | 55   | 53.8 | 61.5 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 8    | 28     | 54     | 1.621     | 0.02      | 2.51  | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 61.1 | 158        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 8    | 38     | 54     | 1.539     | 0.007     | 2.51  | 0.016     | 0.016     | 0         | 55   | 54.2 | 61.1 | 159        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 8    | 48     | 54     | 1.611     | -0.016    | 2.51  | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 60.6 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 8    | 58     | 54     | 1.552     | 0.02      | 2.51  | 0.016     | 0.016     | 0         | 55.5 | 53.8 | 60.6 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 9    | 8      | 54     | 1.598     | -0.02     | 2.51  | 0.016     | 0.016     | 0         | 55   | 53.8 | 60.6 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 9    | 18     | 54     | 1.575     | 0.01      | 2.51  | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 61.5 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 9    | 28     | 54     | 1.562     | 0.085     | 2.507 | 0.016     | 0.016     | 0         | 55   | 53.8 | 61.5 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 9    | 38     | 54     | 1.562     | 0         | 2.507 | 0.016     | 0.016     | 0         | 55.5 | 53.8 | 60.6 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 9    | 48     | 54     | 1.627     | 0.016     | 2.507 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 61.9 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 9    | 58     | 54     | 1.64      | 0         | 2.507 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.1 | 158        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 10   | 8      | 54     | 1.542     | 0.039     | 2.507 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 61.5 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 10   | 18     | 54     | 1.552     | 0.023     | 2.507 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 60.6 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 10   | 28     | 54     | 1.611     | -0.01     | 2.507 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 61.5 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 10   | 38     | 54     | 1.594     | 0.03      | 2.507 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 61.5 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 10   | 48     | 54     | 1.578     | 0.03      | 2.507 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 60.2 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 10   | 58     | 54     | 1.575     | 0.013     | 2.507 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 60.2 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 11   | 8      | 54     | 1.585     | 0.01      | 2.503 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 62.4 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 11   | 18     | 54     | 1.562     | 0.033     | 2.503 | 0.02      | 0.016     | 0         | 54.2 | 53.8 | 60.6 | 158        | 155        | 0          | 32     | 30     |
| 2009 | 6     | 9   | 11   | 28     | 54     | 1.568     | -0.003    | 2.503 | 0.02      | 0.016     | 0         | 55   | 53.3 | 59.3 | 159        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 11   | 38     | 54     | 1.575     | 0.026     | 2.503 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 60.2 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 11   | 48     | 54     | 1.572     | 0.033     | 2.503 | 0.023     | 0.02      | 0         | 54.6 | 53.8 | 60.6 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 11   | 58     | 54     | 1.585     | 0.01      | 2.503 | 0.016     | 0.016     | 0         | 55   | 53.8 | 58.9 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 12   | 8      | 54     | 1.575     | 0.033     | 2.5   | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 59.3 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 12   | 18     | 54     | 1.575     | 0.056     | 2.503 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 58   | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 12   | 28     | 54     | 1.627     | -0.023    | 2.5   | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 56.8 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 12   | 38     | 54     | 1.601     | 0.01      | 2.5   | 0.016     | 0.013     | 0         | 54.6 | 53.3 | 60.2 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 12   | 48     | 54     | 1.598     | 0         | 2.5   | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 60.2 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 12   | 58     | 54     | 1.598     | 0.036     | 2.497 | 0.02      | 0.016     | 0         | 54.2 | 53.8 | 59.3 | 157        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 9   | 13   | 8      | 54     | 1.591     | -0.023    | 2.497 | 0.016     | 0.016     | 0         | 53.8 | 53.3 | 58   | 157        | 154        | 0          | 32     | 30     |
| 2009 | 6     | 9   | 13   | 18     | 54     | 1.604     | -0.01     | 2.497 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 56.3 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 13   | 28     | 54     | 1.624     | 0         | 2.493 | 0.023     | 0.02      | 0         | 54.6 | 52.9 | 58.5 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 13   | 38     | 54     | 1.588     | 0.01      | 2.497 | 0.016     | 0.016     | 0         | 56.8 | 55.5 | 53.3 | 163        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 13   | 48     | 54     | 1.568     | 0.033     | 2.493 | 0.016     | 0.016     | 0         | 56.3 | 55.5 | 54.6 | 162        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 13   | 58     | 54     | 1.585     | 0.01      | 2.493 | 0.02      | 0.016     | 0         | 56.3 | 54.6 | 52.9 | 162        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 14   | 8      | 54     | 1.617     | 0.072     | 2.49  | 0.016     | 0.016     | 0         | 56.3 | 55.5 | 57.2 | 162        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 14   | 18     | 54     | 1.572     | 0.039     | 2.49  | 0.016     | 0.016     | 0         | 55.5 | 54.6 | 55.5 | 160        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 14   | 28     | 54     | 1.549     | 0         | 2.49  | 0.016     | 0.016     | 0         | 55.5 | 54.2 | 57.2 | 160        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 14   | 38     | 54     | 1.555     | 0.095     | 2.49  | 0.02      | 0.016     | 0         | 55.9 | 54.2 | 56.8 | 160        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 14   | 48     | 54     | 1.617     | 0.036     | 2.487 | 0.02      | 0.016     | 0         | 55   | 53.8 | 58   | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 14   | 58     | 54     | 1.611     | 0.043     | 2.487 | 0.02      | 0.016     | 0         | 55   | 53.8 | 58.9 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 15   | 8      | 54     | 1.604     | -0.033    | 2.487 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 57.2 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 15   | 18     | 54     | 1.545     | 0.033     | 2.487 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 59.8 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 15   | 28     | 54     | 1.588     | 0.036     | 2.484 | 0.016     | 0.016     | 0         | 55.5 | 53.8 | 57.2 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 15   | 38     | 54     | 1.611     | 0.033     | 2.484 | 0.02      | 0.016     | 0         | 55   | 53.8 | 58.5 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 15   | 48     | 54     | 1.64      | -0.007    | 2.484 | 0.02      | 0.016     | 0         | 55   | 53.8 | 57.6 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 15   | 58     | 54     | 1.575     | 0.043     | 2.484 | 0.02      | 0.016     | 0         | 55.5 | 54.2 | 58.9 | 159        | 155        | 0          | 30     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 9   | 16   | 8      | 54     | 1.565     | 0.016     | 2.484 | 0.016     | 0.016     | 0         | 55   | 53.8 | 59.3 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 16   | 18     | 54     | 1.601     | 0.052     | 2.484 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 60.6 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 16   | 28     | 54     | 1.562     | 0.039     | 2.484 | 0.026     | 0.023     | 0         | 55   | 53.8 | 60.2 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 16   | 38     | 54     | 1.594     | 0.102     | 2.484 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 58.9 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 16   | 48     | 54     | 1.591     | 0.059     | 2.484 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 61.1 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 16   | 58     | 54     | 1.591     | 0.02      | 2.484 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 58.9 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 17   | 8      | 54     | 1.545     | 0.069     | 2.484 | 0.023     | 0.02      | 0         | 54.6 | 53.3 | 62.4 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 17   | 18     | 54     | 1.621     | 0.052     | 2.484 | 0.016     | 0.013     | 0         | 54.6 | 53.3 | 61.9 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 17   | 28     | 54     | 1.594     | 0.03      | 2.48  | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 61.5 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 17   | 38     | 54     | 1.601     | 0.033     | 2.484 | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 60.6 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 17   | 48     | 54     | 1.562     | 0         | 2.484 | 0.016     | 0.016     | 0         | 54.2 | 53.8 | 61.5 | 157        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 9   | 17   | 58     | 54     | 1.598     | 0.023     | 2.484 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 59.8 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 18   | 8      | 54     | 1.591     | 0.046     | 2.484 | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 61.9 | 157        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 18   | 18     | 54     | 1.608     | 0.043     | 2.484 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 61.1 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 18   | 28     | 54     | 1.578     | 0.03      | 2.484 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 61.5 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 18   | 38     | 54     | 1.598     | 0.085     | 2.484 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 62.4 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 18   | 48     | 54     | 1.621     | -0.023    | 2.484 | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 61.1 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 18   | 58     | 54     | 1.601     | -0.036    | 2.48  | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 60.6 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 19   | 8      | 54     | 1.578     | -0.003    | 2.484 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 60.6 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 19   | 18     | 54     | 1.568     | 0.033     | 2.484 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 62.8 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 19   | 28     | 54     | 1.568     | 0.033     | 2.484 | 0.016     | 0.016     | 0         | 55   | 53.3 | 61.5 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 19   | 38     | 54     | 1.565     | -0.01     | 2.484 | 0.016     | 0.016     | 0         | 55   | 53.3 | 59.3 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 19   | 48     | 54     | 1.578     | 0.023     | 2.484 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 61.9 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 19   | 58     | 54     | 1.624     | 0.033     | 2.484 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 61.5 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 20   | 8      | 54     | 1.575     | 0.059     | 2.484 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 61.9 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 20   | 18     | 54     | 1.588     | 0.02      | 2.48  | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 61.5 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 20   | 28     | 54     | 1.588     | 0.049     | 2.484 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 61.9 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 20   | 38     | 54     | 1.611     | 0         | 2.484 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 60.6 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 20   | 48     | 54     | 1.575     | -0.023    | 2.484 | 0.016     | 0.013     | 0         | 54.2 | 52.9 | 62.4 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 20   | 58     | 54     | 1.578     | 0.013     | 2.484 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 61.5 | 157        | 153        | 0          | 31     | 29     |
| 2009 | 6     | 9   | 21   | 8      | 54     | 1.624     | 0.033     | 2.484 | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 61.1 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 21   | 18     | 54     | 1.529     | 0.007     | 2.484 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.1 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 9   | 21   | 28     | 54     | 1.594     | 0.049     | 2.484 | 0.016     | 0.016     | 0         | 53.8 | 53.3 | 60.2 | 156        | 153        | 0          | 31     | 29     |
| 2009 | 6     | 9   | 21   | 38     | 54     | 1.585     | 0.056     | 2.48  | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 61.5 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 21   | 48     | 54     | 1.598     | 0.059     | 2.484 | 0.02      | 0.016     | 0         | 53.8 | 53.3 | 61.9 | 156        | 153        | 0          | 31     | 29     |
| 2009 | 6     | 9   | 21   | 58     | 54     | 1.611     | 0.049     | 2.484 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 62.4 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 22   | 8      | 54     | 1.539     | 0.066     | 2.484 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 63.6 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 22   | 18     | 54     | 1.591     | 0.016     | 2.484 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 61.5 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 22   | 28     | 54     | 1.601     | -0.013    | 2.484 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 61.1 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 22   | 38     | 54     | 1.568     | 0.039     | 2.484 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 62.4 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 22   | 48     | 54     | 1.667     | 0.023     | 2.48  | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 61.1 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 22   | 58     | 54     | 1.604     | 0.033     | 2.48  | 0.023     | 0.02      | 0         | 55   | 53.3 | 61.1 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 23   | 8      | 54     | 1.581     | 0.01      | 2.484 | 0.02      | 0.016     | 0         | 55   | 52.9 | 62.4 | 158        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 23   | 18     | 54     | 1.601     | 0.003     | 2.48  | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 61.5 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 9   | 23   | 28     | 54     | 1.572     | -0.007    | 2.48  | 0.023     | 0.023     | 0         | 54.2 | 52.9 | 61.1 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 23   | 38     | 54     | 1.601     | 0.003     | 2.48  | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 61.5 | 158        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 9   | 23   | 48     | 54     | 1.578     | 0.01      | 2.48  | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 62.8 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 23   | 58     | 54     | 1.562     | 0.062     | 2.48  | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 62.4 | 157        | 153        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 10  | 0    | 8      | 54     | 1.555     | 0.01      | 2.48  | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 60.6 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 10  | 0    | 18     | 54     | 1.588     | 0.02      | 2.48  | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 60.2 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 0    | 28     | 54     | 1.608     | 0.043     | 2.48  | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 61.5 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 0    | 38     | 54     | 1.572     | 0.026     | 2.48  | 0.02      | 0.016     | 0         | 55   | 53.3 | 61.1 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 0    | 48     | 54     | 1.565     | 0.026     | 2.48  | 0.016     | 0.013     | 0         | 55   | 53.3 | 62.8 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 0    | 58     | 54     | 1.594     | 0.039     | 2.48  | 0.023     | 0.02      | 0         | 54.2 | 53.3 | 61.9 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 1    | 8      | 54     | 1.598     | 0.01      | 2.48  | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 62.4 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 1    | 18     | 54     | 1.575     | 0.023     | 2.48  | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.9 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 1    | 28     | 54     | 1.509     | 0.079     | 2.48  | 0.016     | 0.013     | 0         | 55.5 | 53.8 | 62.4 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 1    | 38     | 54     | 1.611     | -0.01     | 2.48  | 0.023     | 0.02      | 0         | 54.6 | 54.2 | 60.6 | 158        | 155        | 0          | 31     | 29     |
| 2009 | 6     | 10  | 1    | 48     | 54     | 1.562     | 0.023     | 2.477 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 62.8 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 1    | 58     | 54     | 1.545     | 0.026     | 2.477 | 0.016     | 0.016     | 0         | 55   | 53.3 | 62.4 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 2    | 8      | 54     | 1.558     | 0.023     | 2.477 | 0.016     | 0.016     | 0         | 55.5 | 53.8 | 60.6 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 2    | 18     | 54     | 1.555     | 0.033     | 2.477 | 0.016     | 0.016     | 0         | 55.5 | 53.8 | 61.1 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 2    | 28     | 54     | 1.591     | 0.026     | 2.477 | 0.02      | 0.016     | 0         | 55   | 54.2 | 61.5 | 159        | 155        | 0          | 31     | 29     |
| 2009 | 6     | 10  | 2    | 38     | 54     | 1.565     | 0.01      | 2.477 | 0.016     | 0.016     | 0         | 55   | 53.8 | 61.1 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 2    | 48     | 54     | 1.585     | 0.02      | 2.477 | 0.023     | 0.02      | 0         | 55   | 53.8 | 61.5 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 2    | 58     | 54     | 1.617     | 0         | 2.477 | 0.016     | 0.013     | 0         | 55.5 | 53.8 | 60.6 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 3    | 8      | 54     | 1.555     | 0.046     | 2.477 | 0.02      | 0.016     | 0         | 55   | 53.3 | 61.9 | 159        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 3    | 18     | 54     | 1.588     | 0.033     | 2.477 | 0.016     | 0.016     | 0         | 55   | 53.8 | 62.8 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 3    | 28     | 54     | 1.627     | -0.003    | 2.477 | 0.016     | 0.016     | 0         | 55.5 | 53.8 | 60.6 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 3    | 38     | 54     | 1.575     | -0.01     | 2.477 | 0.02      | 0.016     | 0         | 55   | 53.8 | 61.5 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 3    | 48     | 54     | 1.526     | 0.046     | 2.477 | 0.016     | 0.016     | 0         | 55   | 53.8 | 61.5 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 3    | 58     | 54     | 1.614     | 0.043     | 2.474 | 0.02      | 0.016     | 0         | 55   | 53.8 | 61.9 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 4    | 8      | 54     | 1.598     | 0.023     | 2.474 | 0.02      | 0.016     | 0         | 55   | 53.8 | 60.6 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 4    | 18     | 54     | 1.581     | 0.03      | 2.474 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 60.6 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 4    | 28     | 54     | 1.591     | 0.046     | 2.474 | 0.02      | 0.016     | 0         | 55   | 53.8 | 61.5 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 4    | 38     | 54     | 1.604     | -0.007    | 2.474 | 0.016     | 0.016     | 0         | 55   | 53.8 | 60.6 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 4    | 48     | 54     | 1.545     | 0.01      | 2.474 | 0.016     | 0.016     | 0         | 54.6 | 54.2 | 61.5 | 158        | 155        | 0          | 31     | 29     |
| 2009 | 6     | 10  | 4    | 58     | 54     | 1.568     | 0.033     | 2.474 | 0.02      | 0.016     | 0         | 55.9 | 54.2 | 62.4 | 160        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 5    | 8      | 54     | 1.549     | 0.056     | 2.474 | 0.02      | 0.016     | 0         | 55   | 54.2 | 61.9 | 159        | 155        | 0          | 31     | 29     |
| 2009 | 6     | 10  | 5    | 18     | 54     | 1.585     | 0.046     | 2.474 | 0.02      | 0.016     | 0         | 55   | 54.2 | 62.4 | 159        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 5    | 28     | 54     | 1.64      | 0         | 2.474 | 0.02      | 0.016     | 0         | 54.6 | 54.2 | 59.8 | 159        | 156        | 0          | 32     | 30     |
| 2009 | 6     | 10  | 5    | 38     | 54     | 1.558     | 0.052     | 2.474 | 0.02      | 0.016     | 0         | 55.9 | 54.2 | 60.6 | 160        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 5    | 48     | 54     | 1.545     | 0.02      | 2.474 | 0.02      | 0.016     | 0         | 55.5 | 54.2 | 60.6 | 160        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 5    | 58     | 54     | 1.562     | 0.016     | 2.47  | 0.016     | 0.016     | 0         | 55.5 | 54.2 | 60.6 | 159        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 6    | 8      | 54     | 1.594     | 0         | 2.474 | 0.02      | 0.016     | 0         | 55.5 | 54.2 | 61.1 | 159        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 6    | 18     | 54     | 1.552     | 0.062     | 2.47  | 0.02      | 0.016     | 0         | 55   | 54.2 | 61.5 | 159        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 6    | 28     | 54     | 1.578     | -0.007    | 2.47  | 0.016     | 0.016     | 0         | 55   | 53.8 | 60.6 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 6    | 38     | 54     | 1.542     | 0.056     | 2.47  | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 61.9 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 6    | 48     | 54     | 1.535     | 0.069     | 2.47  | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 61.5 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 6    | 58     | 54     | 1.604     | -0.003    | 2.47  | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 60.2 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 7    | 8      | 54     | 1.568     | 0.046     | 2.47  | 0.02      | 0.016     | 0         | 55   | 53.8 | 62.4 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 7    | 18     | 54     | 1.555     | 0.062     | 2.47  | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 61.9 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 7    | 28     | 54     | 1.565     | 0.036     | 2.47  | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 61.9 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 7    | 38     | 54     | 1.585     | 0.013     | 2.47  | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 61.1 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 7    | 48     | 54     | 1.565     | 0.016     | 2.47  | 0.016     | 0.016     | 0         | 55   | 53.8 | 61.1 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 7    | 58     | 54     | 1.565     | -0.01     | 2.47  | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 62.4 | 158        | 155        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 10  | 8    | 8      | 54     | 1.611     | -0.02     | 2.47  | 0.016     | 0.016     | 0         | 55   | 53.8 | 60.6 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 8    | 18     | 54     | 1.611     | 0.013     | 2.47  | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 61.5 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 8    | 28     | 54     | 1.572     | -0.016    | 2.47  | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 61.1 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 8    | 38     | 54     | 1.588     | 0.043     | 2.47  | 0.02      | 0.016     | 0         | 55   | 53.8 | 61.1 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 8    | 48     | 54     | 1.585     | 0.023     | 2.47  | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 60.6 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 8    | 58     | 54     | 1.575     | 0.01      | 2.47  | 0.016     | 0.016     | 0         | 55   | 53.8 | 61.5 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 9    | 8      | 54     | 1.575     | 0         | 2.47  | 0.02      | 0.016     | 0         | 55   | 53.3 | 61.5 | 158        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 9    | 18     | 54     | 1.608     | 0.016     | 2.47  | 0.016     | 0.016     | 0         | 54.6 | 54.2 | 61.1 | 158        | 155        | 0          | 31     | 29     |
| 2009 | 6     | 10  | 9    | 28     | 54     | 1.526     | 0.075     | 2.47  | 0.016     | 0.016     | 0         | 55   | 53.8 | 61.5 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 9    | 38     | 54     | 1.614     | -0.003    | 2.47  | 0.016     | 0.013     | 0         | 54.6 | 53.3 | 61.1 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 9    | 48     | 54     | 1.572     | 0.007     | 2.467 | 0.016     | 0.013     | 0         | 54.6 | 53.3 | 62.4 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 9    | 58     | 54     | 1.558     | 0.003     | 2.467 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 62.4 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 10   | 8      | 54     | 1.545     | 0.023     | 2.47  | 0.023     | 0.02      | 0         | 54.6 | 53.3 | 61.9 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 10   | 18     | 54     | 1.562     | 0.033     | 2.47  | 0.02      | 0.016     | 0         | 55   | 53.8 | 62.4 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 10   | 28     | 54     | 1.585     | 0         | 2.467 | 0.016     | 0.013     | 0         | 54.6 | 53.3 | 61.1 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 10   | 38     | 54     | 1.588     | 0.013     | 2.467 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.1 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 10   | 48     | 54     | 1.588     | -0.003    | 2.467 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.9 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 10   | 58     | 54     | 1.565     | 0.01      | 2.467 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 60.6 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 11   | 8      | 54     | 1.575     | 0.033     | 2.467 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 62.8 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 11   | 18     | 54     | 1.552     | 0.026     | 2.467 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 62.8 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 11   | 28     | 54     | 1.631     | -0.013    | 2.467 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.1 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 11   | 38     | 54     | 1.598     | 0.043     | 2.467 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 61.9 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 11   | 48     | 54     | 1.604     | 0         | 2.467 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 61.5 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 11   | 58     | 54     | 1.585     | 0.043     | 2.467 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 61.5 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 12   | 8      | 54     | 1.572     | 0.016     | 2.467 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 59.8 | 156        | 153        | 0          | 32     | 31     |
| 2009 | 6     | 10  | 12   | 18     | 54     | 1.594     | 0.033     | 2.467 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 62.8 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 12   | 28     | 54     | 1.578     | 0.023     | 2.467 | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 61.1 | 157        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 12   | 38     | 54     | 1.565     | 0.023     | 2.467 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 61.9 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 12   | 48     | 54     | 1.575     | 0.069     | 2.467 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 60.6 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 12   | 58     | 54     | 1.562     | 0.036     | 2.467 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 61.9 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 13   | 8      | 54     | 1.594     | 0.013     | 2.467 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 60.6 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 13   | 18     | 54     | 1.614     | 0.016     | 2.467 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 61.1 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 13   | 28     | 54     | 1.545     | 0.033     | 2.467 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 62.8 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 13   | 38     | 54     | 1.614     | -0.023    | 2.467 | 0.023     | 0.02      | 0         | 53.8 | 52.5 | 60.6 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 13   | 48     | 54     | 1.624     | 0.007     | 2.467 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 60.6 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 13   | 58     | 54     | 1.558     | 0.016     | 2.467 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 61.5 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 14   | 8      | 54     | 1.604     | -0.007    | 2.467 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 61.9 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 14   | 18     | 54     | 1.601     | 0.003     | 2.467 | 0.016     | 0.016     | 0         | 53.3 | 52   | 60.6 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 14   | 28     | 54     | 1.581     | 0.023     | 2.467 | 0.02      | 0.016     | 0         | 53.3 | 52   | 61.5 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 14   | 38     | 54     | 1.601     | 0.023     | 2.467 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 61.5 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 14   | 48     | 54     | 1.568     | 0.089     | 2.467 | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 61.5 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 14   | 58     | 54     | 1.585     | 0.039     | 2.467 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 60.6 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 15   | 8      | 54     | 1.542     | 0.043     | 2.467 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 60.6 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 15   | 18     | 54     | 1.539     | 0.02      | 2.467 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 61.1 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 15   | 28     | 54     | 1.581     | -0.02     | 2.467 | 0.016     | 0.013     | 0         | 54.2 | 53.3 | 59.3 | 157        | 153        | 0          | 31     | 29     |
| 2009 | 6     | 10  | 15   | 38     | 54     | 1.591     | 0         | 2.467 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 61.5 | 156        | 152        | 0          | 30     | 29     |
| 2009 | 6     | 10  | 15   | 48     | 54     | 1.535     | 0.003     | 2.467 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 60.2 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 15   | 58     | 54     | 1.581     | 0.033     | 2.467 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 60.6 | 155        | 152        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 10  | 16   | 8      | 54     | 1.617     | -0.013    | 2.467 | 0.016     | 0.016     | 0         | 53.3 | 52   | 61.9 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 16   | 18     | 54     | 1.611     | 0.046     | 2.467 | 0.016     | 0.016     | 0         | 53.3 | 52   | 61.1 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 16   | 28     | 54     | 1.542     | 0.046     | 2.467 | 0.02      | 0.016     | 0         | 53.3 | 52   | 60.6 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 16   | 38     | 54     | 1.611     | 0.007     | 2.467 | 0.026     | 0.023     | 0         | 53.3 | 52.5 | 61.1 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 16   | 48     | 54     | 1.581     | 0.023     | 2.467 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 61.1 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 16   | 58     | 54     | 1.578     | 0.033     | 2.467 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 61.9 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 17   | 8      | 54     | 1.575     | 0.026     | 2.467 | 0.016     | 0.016     | 0         | 54.2 | 52.5 | 62.4 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 17   | 18     | 54     | 1.598     | -0.003    | 2.467 | 0.016     | 0.013     | 0         | 54.2 | 52.5 | 59.3 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 17   | 28     | 54     | 1.578     | 0.046     | 2.467 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 61.9 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 17   | 38     | 54     | 1.555     | 0.056     | 2.467 | 0.016     | 0.016     | 0         | 54.2 | 52.5 | 62.4 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 17   | 48     | 54     | 1.585     | 0.033     | 2.47  | 0.016     | 0.016     | 0         | 53.3 | 52   | 62.4 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 17   | 58     | 54     | 1.555     | 0         | 2.467 | 0.016     | 0.016     | 0         | 54.2 | 52.5 | 61.5 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 18   | 8      | 54     | 1.581     | 0.056     | 2.467 | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 59.8 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 18   | 18     | 54     | 1.558     | 0.052     | 2.467 | 0.023     | 0.02      | 0         | 54.2 | 52.9 | 59.3 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 18   | 28     | 54     | 1.598     | -0.02     | 2.47  | 0.02      | 0.016     | 0         | 53.3 | 52.9 | 59.8 | 155        | 152        | 0          | 31     | 29     |
| 2009 | 6     | 10  | 18   | 38     | 54     | 1.588     | 0.039     | 2.47  | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 61.5 | 156        | 152        | 0          | 31     | 29     |
| 2009 | 6     | 10  | 18   | 48     | 54     | 1.591     | 0.007     | 2.47  | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 60.6 | 156        | 152        | 0          | 31     | 29     |
| 2009 | 6     | 10  | 18   | 58     | 54     | 1.594     | 0.023     | 2.47  | 0.016     | 0.013     | 0         | 54.2 | 52.5 | 58.5 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 19   | 8      | 54     | 1.565     | 0.033     | 2.467 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 59.8 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 19   | 18     | 54     | 1.588     | 0.043     | 2.47  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 61.5 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 19   | 28     | 54     | 1.588     | 0.03      | 2.47  | 0.016     | 0.016     | 0         | 53.3 | 52.9 | 60.2 | 155        | 152        | 0          | 31     | 29     |
| 2009 | 6     | 10  | 19   | 38     | 54     | 1.562     | 0.023     | 2.467 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 60.2 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 19   | 48     | 54     | 1.617     | 0.016     | 2.47  | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 59.8 | 155        | 152        | 0          | 30     | 29     |
| 2009 | 6     | 10  | 19   | 58     | 54     | 1.591     | 0.026     | 2.47  | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 61.5 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 20   | 8      | 54     | 1.529     | 0         | 2.47  | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 60.6 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 20   | 18     | 54     | 1.598     | 0.033     | 2.47  | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 61.5 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 20   | 28     | 54     | 1.598     | 0.033     | 2.47  | 0.016     | 0.016     | 0         | 54.2 | 52.5 | 60.6 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 20   | 38     | 54     | 1.545     | 0.069     | 2.47  | 0.02      | 0.016     | 0         | 53.8 | 52   | 61.5 | 156        | 152        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 20   | 48     | 54     | 1.578     | 0         | 2.47  | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 60.6 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 20   | 58     | 54     | 1.562     | 0.043     | 2.47  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 61.5 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 21   | 8      | 54     | 1.545     | 0.026     | 2.47  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 60.2 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 21   | 18     | 54     | 1.598     | 0         | 2.47  | 0.016     | 0.016     | 0         | 54.2 | 52.5 | 59.3 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 21   | 28     | 54     | 1.568     | 0.003     | 2.47  | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 59.8 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 21   | 38     | 54     | 1.601     | 0.007     | 2.47  | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 60.6 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 21   | 48     | 54     | 1.575     | -0.007    | 2.47  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 60.2 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 21   | 58     | 54     | 1.594     | 0.062     | 2.47  | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 60.2 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 22   | 8      | 54     | 1.617     | 0         | 2.47  | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 60.6 | 156        | 152        | 0          | 31     | 29     |
| 2009 | 6     | 10  | 22   | 18     | 54     | 1.617     | -0.01     | 2.47  | 0.016     | 0.016     | 0         | 53.3 | 52   | 61.1 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 22   | 28     | 54     | 1.585     | 0.056     | 2.47  | 0.02      | 0.016     | 0         | 53.8 | 52   | 61.5 | 155        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 22   | 38     | 54     | 1.598     | 0.023     | 2.47  | 0.016     | 0.016     | 0         | 54.2 | 52.5 | 61.5 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 22   | 48     | 54     | 1.545     | 0.01      | 2.47  | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 60.2 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 22   | 58     | 54     | 1.558     | 0.036     | 2.47  | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 61.1 | 156        | 152        | 0          | 31     | 29     |
| 2009 | 6     | 10  | 23   | 8      | 54     | 1.509     | 0.033     | 2.47  | 0.016     | 0.013     | 0         | 53.8 | 52.5 | 61.9 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 23   | 18     | 54     | 1.578     | 0.023     | 2.47  | 0.016     | 0.013     | 0         | 54.2 | 52.5 | 61.5 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 23   | 28     | 54     | 1.522     | 0.007     | 2.47  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 61.5 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 23   | 38     | 54     | 1.565     | 0.036     | 2.47  | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 60.6 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 23   | 48     | 54     | 1.575     | 0.01      | 2.47  | 0.016     | 0.016     | 0         | 53.3 | 52.9 | 61.1 | 156        | 153        | 0          | 32     | 30     |
| 2009 | 6     | 10  | 23   | 58     | 54     | 1.601     | 0         | 2.47  | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 59.3 | 156        | 152        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 11  | 0    | 8      | 54     | 1.604     | 0.003     | 2.47  | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 61.1 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 0    | 18     | 54     | 1.604     | 0.023     | 2.47  | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 59.8 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 0    | 28     | 54     | 1.558     | 0.016     | 2.47  | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 61.9 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 0    | 38     | 54     | 1.575     | 0.023     | 2.47  | 0.016     | 0.013     | 0         | 54.6 | 52.9 | 60.2 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 0    | 48     | 54     | 1.604     | 0.059     | 2.467 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 59.8 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 0    | 58     | 54     | 1.581     | -0.007    | 2.47  | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 59.8 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 1    | 8      | 54     | 1.588     | 0.033     | 2.47  | 0.016     | 0.013     | 0         | 54.2 | 52.9 | 60.6 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 1    | 18     | 54     | 1.545     | 0.033     | 2.47  | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 61.1 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 1    | 28     | 54     | 1.598     | 0.056     | 2.47  | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 60.2 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 1    | 38     | 54     | 1.588     | 0.02      | 2.467 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 59.8 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 1    | 48     | 54     | 1.572     | 0.013     | 2.467 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 59.8 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 1    | 58     | 54     | 1.545     | 0.066     | 2.467 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 59.8 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 2    | 8      | 54     | 1.601     | 0         | 2.467 | 0.023     | 0.02      | 0         | 54.6 | 53.3 | 59.3 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 2    | 18     | 54     | 1.591     | -0.026    | 2.467 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 59.3 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 2    | 28     | 54     | 1.545     | 0.023     | 2.467 | 0.016     | 0.016     | 0         | 55   | 53.3 | 59.3 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 2    | 38     | 54     | 1.568     | 0.033     | 2.467 | 0.016     | 0.016     | 0         | 55   | 53.8 | 59.3 | 159        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 11  | 2    | 48     | 54     | 1.598     | 0.02      | 2.467 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 57.6 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 2    | 58     | 54     | 1.562     | 0.023     | 2.467 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 58.5 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 3    | 8      | 54     | 1.621     | 0.007     | 2.467 | 0.023     | 0.02      | 0         | 54.6 | 54.2 | 58.5 | 158        | 155        | 0          | 31     | 29     |
| 2009 | 6     | 11  | 3    | 18     | 54     | 1.585     | 0.01      | 2.467 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 60.6 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 3    | 28     | 54     | 1.578     | 0.052     | 2.467 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 59.3 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 3    | 38     | 54     | 1.588     | 0.036     | 2.467 | 0.02      | 0.016     | 0         | 55   | 53.3 | 60.2 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 3    | 48     | 54     | 1.591     | 0.039     | 2.467 | 0.016     | 0.016     | 0         | 55   | 53.8 | 59.3 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 3    | 58     | 54     | 1.624     | 0.026     | 2.467 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 60.2 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 4    | 8      | 54     | 1.519     | 0.066     | 2.467 | 0.02      | 0.016     | 0         | 55.5 | 53.3 | 59.3 | 159        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 4    | 18     | 54     | 1.631     | 0         | 2.467 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 58.9 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 4    | 28     | 54     | 1.621     | 0         | 2.467 | 0.026     | 0.023     | 0         | 55   | 53.3 | 58.9 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 4    | 38     | 54     | 1.585     | 0.039     | 2.467 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 58.5 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 4    | 48     | 54     | 1.608     | 0.02      | 2.467 | 0.02      | 0.016     | 0         | 55   | 53.8 | 59.3 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 4    | 58     | 54     | 1.621     | 0.02      | 2.467 | 0.02      | 0.016     | 0         | 55.5 | 53.8 | 60.2 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 5    | 8      | 54     | 1.572     | 0.03      | 2.467 | 0.016     | 0.016     | 0         | 55   | 53.8 | 58.9 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 5    | 18     | 54     | 1.529     | 0.03      | 2.467 | 0.02      | 0.016     | 0         | 55   | 53.8 | 60.6 | 159        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 5    | 28     | 54     | 1.578     | -0.023    | 2.467 | 0.016     | 0.016     | 0         | 55.5 | 54.2 | 58   | 159        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 5    | 38     | 54     | 1.565     | 0.046     | 2.467 | 0.02      | 0.016     | 0         | 55.5 | 54.2 | 59.8 | 159        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 5    | 48     | 54     | 1.545     | 0.082     | 2.467 | 0.023     | 0.02      | 0         | 55   | 53.8 | 59.8 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 5    | 58     | 54     | 1.614     | 0.023     | 2.467 | 0.02      | 0.016     | 0         | 55.9 | 54.2 | 59.8 | 160        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 6    | 8      | 54     | 1.575     | 0.049     | 2.467 | 0.016     | 0.013     | 0         | 55   | 54.2 | 60.2 | 159        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 6    | 18     | 54     | 1.591     | 0.023     | 2.467 | 0.023     | 0.02      | 0         | 54.6 | 53.8 | 60.2 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 6    | 28     | 54     | 1.631     | 0.003     | 2.467 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 60.2 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 6    | 38     | 54     | 1.542     | 0.036     | 2.467 | 0.016     | 0.016     | 0         | 55   | 53.3 | 61.1 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 6    | 48     | 54     | 1.565     | 0.043     | 2.467 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 60.2 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 6    | 58     | 54     | 1.591     | 0.036     | 2.467 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.1 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 7    | 8      | 54     | 1.601     | 0.046     | 2.467 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 61.1 | 158        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 11  | 7    | 18     | 54     | 1.572     | 0.033     | 2.467 | 0.016     | 0.016     | 0         | 55   | 53.3 | 60.2 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 7    | 28     | 54     | 1.637     | 0.016     | 2.467 | 0.016     | 0.013     | 0         | 54.6 | 53.8 | 59.8 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 7    | 38     | 54     | 1.591     | 0.016     | 2.467 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.1 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 7    | 48     | 54     | 1.555     | 0.016     | 2.467 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 61.5 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 7    | 58     | 54     | 1.542     | 0.01      | 2.467 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 61.5 | 158        | 155        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 11  | 8    | 12     | 17     | 1.631     | 0         | 2.467 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 60.6 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 8    | 22     | 17     | 1.519     | 0.069     | 2.467 | 0.016     | 0.013     | 0         | 54.6 | 53.8 | 62.4 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 8    | 32     | 17     | 1.562     | -0.01     | 2.467 | 0.02      | 0.016     | 0         | 54.2 | 53.8 | 59.8 | 158        | 155        | 0          | 32     | 30     |
| 2009 | 6     | 11  | 8    | 42     | 17     | 1.506     | 0.049     | 2.467 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 61.9 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 8    | 52     | 17     | 1.549     | 0         | 2.467 | 0.02      | 0.016     | 0         | 54.6 | 54.2 | 61.1 | 158        | 155        | 0          | 31     | 29     |
| 2009 | 6     | 11  | 9    | 2      | 17     | 1.608     | 0.01      | 2.467 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 61.5 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 9    | 12     | 17     | 1.585     | 0         | 2.467 | 0.02      | 0.016     | 0         | 55   | 53.8 | 61.1 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 9    | 22     | 17     | 1.572     | -0.007    | 2.467 | 0.02      | 0.016     | 0         | 55   | 53.8 | 61.9 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 9    | 32     | 17     | 1.608     | 0.026     | 2.467 | 0.016     | 0.016     | 0         | 55   | 53.3 | 61.1 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 9    | 42     | 17     | 1.568     | 0         | 2.467 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 59.8 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 9    | 52     | 17     | 1.549     | 0.043     | 2.467 | 0.02      | 0.016     | 0         | 55   | 53.3 | 61.5 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 10   | 2      | 17     | 1.634     | 0.003     | 2.467 | 0.02      | 0.016     | 0         | 55   | 53.3 | 59.8 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 10   | 12     | 17     | 1.601     | 0.026     | 2.467 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 62.4 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 10   | 22     | 17     | 1.568     | 0.03      | 2.467 | 0.02      | 0.016     | 0         | 55   | 53.8 | 60.6 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 10   | 32     | 17     | 1.572     | 0.026     | 2.467 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.1 | 158        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 10   | 42     | 17     | 1.621     | 0.023     | 2.467 | 0.016     | 0.016     | 0         | 55.9 | 55   | 59.3 | 162        | 158        | 0          | 32     | 30     |
| 2009 | 6     | 11  | 10   | 52     | 17     | 1.598     | -0.023    | 2.467 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 61.9 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 11   | 2      | 17     | 1.562     | 0.049     | 2.467 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 61.1 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 11   | 12     | 17     | 1.634     | 0         | 2.467 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 61.1 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 11   | 22     | 17     | 1.575     | 0.033     | 2.47  | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 61.1 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 11   | 32     | 17     | 1.529     | 0.01      | 2.467 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 60.2 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 11   | 42     | 17     | 1.594     | -0.046    | 2.467 | 0.016     | 0.013     | 0         | 54.6 | 53.8 | 61.1 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 11   | 52     | 17     | 1.601     | -0.003    | 2.47  | 0.02      | 0.016     | 0         | 55   | 53.3 | 61.5 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 12   | 2      | 17     | 1.581     | 0.01      | 2.467 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 62.4 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 12   | 12     | 17     | 1.568     | 0.075     | 2.47  | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 61.9 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 12   | 22     | 17     | 1.572     | 0.052     | 2.47  | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 61.5 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 12   | 32     | 17     | 1.562     | 0.026     | 2.47  | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 61.9 | 158        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 12   | 42     | 17     | 1.542     | 0.059     | 2.47  | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 62.4 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 12   | 52     | 17     | 1.614     | 0.033     | 2.47  | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 61.9 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 13   | 2      | 17     | 1.598     | 0.026     | 2.47  | 0.023     | 0.02      | 0         | 54.2 | 53.3 | 61.9 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 13   | 12     | 17     | 1.594     | -0.01     | 2.47  | 0.016     | 0.013     | 0         | 54.6 | 53.3 | 62.4 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 13   | 22     | 17     | 1.594     | 0         | 2.47  | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.5 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 13   | 32     | 17     | 1.585     | 0.043     | 2.47  | 0.02      | 0.016     | 0         | 54.2 | 53.8 | 59.8 | 157        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 11  | 13   | 42     | 17     | 1.614     | 0         | 2.47  | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 61.1 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 13   | 52     | 17     | 1.558     | 0.026     | 2.47  | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.9 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 14   | 2      | 17     | 1.594     | 0.003     | 2.47  | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 62.4 | 158        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 14   | 12     | 17     | 1.624     | -0.036    | 2.47  | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 60.6 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 14   | 22     | 17     | 1.572     | 0.02      | 2.474 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 60.2 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 14   | 32     | 17     | 1.608     | -0.01     | 2.474 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 59.8 | 158        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 11  | 14   | 42     | 17     | 1.654     | 0.003     | 2.474 | 0.016     | 0.016     | 0         | 55   | 53.8 | 59.3 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 14   | 52     | 17     | 1.601     | 0         | 2.47  | 0.016     | 0.016     | 0         | 55.9 | 54.6 | 58.9 | 160        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 15   | 2      | 17     | 1.575     | 0.026     | 2.474 | 0.016     | 0.016     | 0         | 55.5 | 54.6 | 58   | 160        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 15   | 12     | 17     | 1.604     | 0.052     | 2.474 | 0.02      | 0.016     | 0         | 55.9 | 54.2 | 59.3 | 160        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 15   | 22     | 17     | 1.565     | 0.007     | 2.474 | 0.02      | 0.016     | 0         | 55   | 54.6 | 59.3 | 159        | 156        | 0          | 31     | 29     |
| 2009 | 6     | 11  | 15   | 32     | 17     | 1.565     | 0.036     | 2.474 | 0.02      | 0.016     | 0         | 55   | 53.8 | 61.1 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 15   | 42     | 17     | 1.565     | 0.075     | 2.474 | 0.016     | 0.016     | 0         | 55.5 | 53.8 | 60.6 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 15   | 52     | 17     | 1.598     | 0.02      | 2.474 | 0.023     | 0.02      | 0         | 54.6 | 53.8 | 62.4 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 16   | 2      | 17     | 1.578     | 0.056     | 2.474 | 0.023     | 0.02      | 0         | 54.6 | 53.8 | 61.1 | 158        | 155        | 0          | 31     | 30     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 11  | 16   | 12     | 17     | 1.604     | 0.02      | 2.474 | 0.02      | 0.016     | 0         | 55   | 53.3 | 61.9 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 16   | 22     | 17     | 1.532     | 0.069     | 2.474 | 0.016     | 0.016     | 0         | 55   | 53.8 | 61.1 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 16   | 32     | 17     | 1.611     | 0.026     | 2.474 | 0.016     | 0.013     | 0         | 55   | 53.8 | 61.9 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 16   | 42     | 17     | 1.549     | 0.03      | 2.477 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 61.1 | 158        | 154        | 0          | 32     | 30     |
| 2009 | 6     | 11  | 16   | 52     | 17     | 1.591     | 0         | 2.477 | 0.016     | 0.016     | 0         | 55   | 53.8 | 60.6 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 17   | 2      | 17     | 1.604     | 0.03      | 2.477 | 0.023     | 0.02      | 0         | 55   | 53.3 | 63.2 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 17   | 12     | 17     | 1.617     | 0.023     | 2.477 | 0.016     | 0.016     | 0         | 55   | 53.3 | 59.8 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 17   | 22     | 17     | 1.572     | 0.046     | 2.477 | 0.016     | 0.013     | 0         | 54.6 | 53.3 | 61.1 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 17   | 32     | 17     | 1.512     | 0.049     | 2.477 | 0.02      | 0.016     | 0         | 55   | 53.3 | 63.6 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 17   | 42     | 17     | 1.581     | 0.033     | 2.477 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.1 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 17   | 52     | 17     | 1.568     | 0.013     | 2.477 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 63.2 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 18   | 2      | 17     | 1.522     | 0.069     | 2.477 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.9 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 18   | 12     | 17     | 1.578     | -0.01     | 2.48  | 0.023     | 0.02      | 0         | 54.6 | 53.3 | 60.6 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 18   | 22     | 17     | 1.667     | -0.023    | 2.48  | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 60.6 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 18   | 32     | 17     | 1.585     | 0.046     | 2.48  | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 61.5 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 18   | 42     | 17     | 1.575     | 0.033     | 2.48  | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 62.4 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 18   | 52     | 17     | 1.634     | 0.026     | 2.48  | 0.026     | 0.026     | 0         | 54.2 | 52.9 | 61.5 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 19   | 2      | 17     | 1.588     | 0         | 2.48  | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 61.1 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 19   | 12     | 17     | 1.578     | -0.007    | 2.48  | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 63.2 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 19   | 22     | 17     | 1.572     | 0.036     | 2.48  | 0.016     | 0.016     | 0         | 54.2 | 53.8 | 62.4 | 157        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 11  | 19   | 32     | 17     | 1.608     | 0.056     | 2.48  | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 62.4 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 19   | 42     | 17     | 1.611     | 0.03      | 2.484 | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 61.9 | 158        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 19   | 52     | 17     | 1.575     | -0.026    | 2.484 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 59.8 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 20   | 2      | 17     | 1.558     | 0.049     | 2.484 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 61.5 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 20   | 12     | 17     | 1.542     | 0.03      | 2.484 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 61.9 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 20   | 22     | 17     | 1.562     | -0.007    | 2.484 | 0.02      | 0.016     | 0         | 55   | 53.3 | 61.9 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 20   | 32     | 17     | 1.624     | 0.016     | 2.484 | 0.02      | 0.016     | 0         | 55   | 54.2 | 59.8 | 158        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 11  | 20   | 42     | 17     | 1.591     | 0.046     | 2.484 | 0.02      | 0.016     | 0         | 55   | 53.8 | 60.2 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 20   | 52     | 17     | 1.568     | -0.023    | 2.484 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.5 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 21   | 2      | 17     | 1.588     | -0.013    | 2.484 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 61.1 | 158        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 11  | 21   | 12     | 17     | 1.529     | 0.039     | 2.484 | 0.016     | 0.016     | 0         | 55   | 53.3 | 61.9 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 21   | 22     | 17     | 1.588     | 0.033     | 2.487 | 0.023     | 0.02      | 0         | 54.2 | 53.3 | 62.4 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 21   | 32     | 17     | 1.611     | 0.03      | 2.487 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 61.5 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 21   | 42     | 17     | 1.565     | 0.03      | 2.487 | 0.016     | 0.016     | 0         | 55   | 53.3 | 61.9 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 21   | 52     | 17     | 1.558     | 0.043     | 2.487 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 61.9 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 22   | 2      | 17     | 1.549     | 0.023     | 2.487 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.5 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 22   | 12     | 17     | 1.624     | -0.023    | 2.487 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 61.5 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 22   | 22     | 17     | 1.578     | 0         | 2.487 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 60.6 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 22   | 32     | 17     | 1.594     | 0.023     | 2.487 | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 61.1 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 22   | 42     | 17     | 1.608     | 0         | 2.487 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 60.2 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 22   | 52     | 17     | 1.555     | 0.02      | 2.487 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 61.5 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 23   | 2      | 17     | 1.585     | 0.003     | 2.487 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 60.2 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 11  | 23   | 12     | 17     | 1.594     | 0.033     | 2.487 | 0.016     | 0.013     | 0         | 54.2 | 53.3 | 60.6 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 23   | 22     | 17     | 1.598     | 0.052     | 2.487 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 60.6 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 23   | 32     | 17     | 1.588     | 0.016     | 2.49  | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 60.2 | 158        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 23   | 42     | 17     | 1.532     | 0.052     | 2.487 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 60.2 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 23   | 52     | 17     | 1.568     | 0         | 2.49  | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 59.8 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 0    | 2      | 17     | 1.588     | 0.016     | 2.49  | 0.02      | 0.016     | 0         | 55   | 53.8 | 59.3 | 158        | 154        | 0          | 30     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 12  | 0    | 12     | 17     | 1.572     | 0         | 2.487 | 0.02      | 0.016     | 0         | 55   | 53.3 | 58.9 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 0    | 22     | 17     | 1.598     | 0.052     | 2.49  | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 59.8 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 0    | 32     | 17     | 1.552     | 0.036     | 2.49  | 0.016     | 0.016     | 0         | 55.5 | 53.8 | 59.3 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 0    | 42     | 17     | 1.601     | 0.033     | 2.49  | 0.02      | 0.016     | 0         | 55   | 53.8 | 58.9 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 0    | 52     | 17     | 1.594     | 0.023     | 2.49  | 0.02      | 0.016     | 0         | 55   | 54.2 | 59.8 | 159        | 155        | 0          | 31     | 29     |
| 2009 | 6     | 12  | 1    | 2      | 17     | 1.581     | 0.033     | 2.49  | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.1 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 1    | 12     | 17     | 1.591     | 0.01      | 2.49  | 0.016     | 0.013     | 0         | 55   | 53.8 | 60.2 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 1    | 22     | 17     | 1.591     | -0.033    | 2.49  | 0.02      | 0.016     | 0         | 55.5 | 53.8 | 60.2 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 1    | 32     | 17     | 1.611     | 0.023     | 2.49  | 0.016     | 0.013     | 0         | 55   | 53.8 | 58.9 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 1    | 42     | 17     | 1.585     | 0.069     | 2.49  | 0.016     | 0.016     | 0         | 55   | 53.8 | 58.9 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 1    | 52     | 17     | 1.572     | 0.023     | 2.49  | 0.02      | 0.016     | 0         | 55   | 53.8 | 59.8 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 2    | 2      | 17     | 1.588     | 0.007     | 2.49  | 0.016     | 0.016     | 0         | 55   | 53.8 | 58   | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 2    | 12     | 17     | 1.588     | 0.033     | 2.49  | 0.016     | 0.016     | 0         | 55   | 53.8 | 60.2 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 2    | 22     | 17     | 1.594     | 0.079     | 2.49  | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 60.2 | 158        | 155        | 0          | 31     | 29     |
| 2009 | 6     | 12  | 2    | 32     | 17     | 1.598     | 0         | 2.49  | 0.02      | 0.016     | 0         | 55   | 53.8 | 58.5 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 2    | 42     | 17     | 1.591     | 0.01      | 2.49  | 0.016     | 0.016     | 0         | 55.5 | 53.8 | 58.5 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 2    | 52     | 17     | 1.578     | 0.036     | 2.49  | 0.016     | 0.013     | 0         | 55.5 | 53.8 | 59.3 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 3    | 2      | 17     | 1.598     | -0.023    | 2.49  | 0.02      | 0.016     | 0         | 55   | 54.2 | 59.3 | 159        | 155        | 0          | 31     | 29     |
| 2009 | 6     | 12  | 3    | 12     | 17     | 1.555     | 0.046     | 2.49  | 0.02      | 0.016     | 0         | 55   | 53.3 | 58.5 | 159        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 3    | 22     | 17     | 1.552     | 0.069     | 2.49  | 0.02      | 0.016     | 0         | 55.9 | 54.2 | 58.5 | 160        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 3    | 32     | 17     | 1.562     | 0.062     | 2.49  | 0.02      | 0.016     | 0         | 55.5 | 54.2 | 58.5 | 159        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 3    | 42     | 17     | 1.539     | 0.023     | 2.49  | 0.016     | 0.016     | 0         | 55.5 | 54.6 | 58.9 | 159        | 156        | 0          | 30     | 29     |
| 2009 | 6     | 12  | 3    | 52     | 17     | 1.611     | 0.007     | 2.49  | 0.016     | 0.016     | 0         | 55.9 | 54.2 | 57.6 | 160        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 4    | 2      | 17     | 1.624     | -0.049    | 2.49  | 0.02      | 0.016     | 0         | 55.5 | 54.2 | 57.6 | 159        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 4    | 12     | 17     | 1.578     | -0.02     | 2.493 | 0.02      | 0.016     | 0         | 55   | 53.8 | 57.2 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 4    | 22     | 17     | 1.572     | 0.056     | 2.493 | 0.016     | 0.013     | 0         | 55.9 | 54.2 | 58   | 160        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 4    | 32     | 17     | 1.588     | 0.023     | 2.493 | 0.016     | 0.016     | 0         | 55.5 | 54.6 | 57.2 | 160        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 4    | 42     | 17     | 1.555     | 0.036     | 2.493 | 0.02      | 0.016     | 0         | 55.9 | 54.6 | 57.2 | 160        | 156        | 0          | 30     | 29     |
| 2009 | 6     | 12  | 4    | 52     | 17     | 1.627     | 0.052     | 2.493 | 0.016     | 0.016     | 0         | 55   | 54.2 | 57.6 | 159        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 5    | 2      | 17     | 1.601     | 0         | 2.497 | 0.016     | 0.016     | 0         | 55.9 | 54.2 | 58   | 160        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 5    | 12     | 17     | 1.565     | 0.052     | 2.497 | 0.016     | 0.016     | 0         | 55.9 | 54.2 | 57.2 | 160        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 5    | 22     | 17     | 1.552     | -0.003    | 2.497 | 0.016     | 0.016     | 0         | 55.9 | 54.2 | 58   | 160        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 5    | 32     | 17     | 1.604     | 0         | 2.497 | 0.02      | 0.016     | 0         | 56.3 | 54.6 | 58.5 | 161        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 5    | 42     | 17     | 1.519     | 0.033     | 2.5   | 0.016     | 0.016     | 0         | 55.9 | 54.6 | 58   | 161        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 5    | 52     | 17     | 1.614     | -0.013    | 2.5   | 0.02      | 0.016     | 0         | 55.5 | 55   | 57.2 | 160        | 157        | 0          | 31     | 29     |
| 2009 | 6     | 12  | 6    | 2      | 17     | 1.614     | 0.01      | 2.5   | 0.02      | 0.016     | 0         | 55.5 | 54.2 | 57.6 | 160        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 6    | 12     | 17     | 1.66      | -0.01     | 2.503 | 0.02      | 0.016     | 0         | 55   | 54.2 | 57.6 | 159        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 6    | 22     | 17     | 1.581     | 0.013     | 2.503 | 0.02      | 0.016     | 0         | 55.5 | 54.6 | 58.9 | 159        | 156        | 0          | 30     | 29     |
| 2009 | 6     | 12  | 6    | 32     | 17     | 1.617     | 0.023     | 2.503 | 0.02      | 0.016     | 0         | 55.5 | 53.8 | 59.3 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 6    | 42     | 17     | 1.598     | 0.01      | 2.507 | 0.02      | 0.016     | 0         | 55   | 54.2 | 58.5 | 159        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 6    | 52     | 17     | 1.555     | 0.056     | 2.507 | 0.023     | 0.02      | 0         | 55.5 | 54.2 | 58.9 | 159        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 7    | 2      | 17     | 1.572     | 0.033     | 2.507 | 0.016     | 0.016     | 0         | 55   | 54.2 | 60.2 | 159        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 7    | 12     | 17     | 1.594     | 0.043     | 2.507 | 0.02      | 0.016     | 0         | 55   | 53.8 | 58.9 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 7    | 22     | 17     | 1.588     | -0.016    | 2.507 | 0.02      | 0.016     | 0         | 55   | 54.2 | 59.3 | 159        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 7    | 32     | 17     | 1.565     | 0.023     | 2.507 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 61.1 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 7    | 42     | 17     | 1.562     | 0.043     | 2.507 | 0.016     | 0.016     | 0         | 55   | 54.2 | 61.1 | 159        | 155        | 0          | 31     | 29     |
| 2009 | 6     | 12  | 7    | 52     | 17     | 1.604     | 0         | 2.507 | 0.02      | 0.016     | 0         | 55.5 | 53.8 | 60.2 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 8    | 2      | 17     | 1.578     | 0.007     | 2.51  | 0.016     | 0.016     | 0         | 55   | 53.3 | 61.5 | 159        | 155        | 0          | 31     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 12  | 8    | 12     | 17     | 1.568     | 0.036     | 2.51  | 0.016     | 0.016     | 0         | 55   | 54.2 | 61.1 | 159        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 8    | 22     | 17     | 1.598     | 0.046     | 2.51  | 0.02      | 0.016     | 0         | 55   | 53.8 | 61.9 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 8    | 32     | 17     | 1.601     | -0.01     | 2.51  | 0.02      | 0.016     | 0         | 55   | 54.2 | 61.5 | 159        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 8    | 42     | 17     | 1.572     | -0.016    | 2.51  | 0.02      | 0.016     | 0         | 55.5 | 53.8 | 61.1 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 8    | 52     | 17     | 1.581     | 0.059     | 2.51  | 0.02      | 0.016     | 0         | 55.5 | 53.8 | 61.5 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 9    | 2      | 17     | 1.608     | 0.02      | 2.51  | 0.016     | 0.016     | 0         | 55   | 53.3 | 60.6 | 159        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 9    | 12     | 17     | 1.529     | 0.023     | 2.51  | 0.02      | 0.016     | 0         | 55.5 | 54.2 | 62.4 | 159        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 9    | 22     | 17     | 1.585     | 0.013     | 2.51  | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 61.9 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 9    | 32     | 17     | 1.617     | 0         | 2.51  | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 62.4 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 9    | 42     | 17     | 1.562     | 0.023     | 2.51  | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 61.9 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 9    | 52     | 17     | 1.585     | 0.013     | 2.51  | 0.016     | 0.016     | 0         | 55   | 53.8 | 61.9 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 10   | 2      | 17     | 1.522     | 0.072     | 2.513 | 0.016     | 0.016     | 0         | 55   | 53.8 | 60.2 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 10   | 12     | 17     | 1.604     | 0.043     | 2.513 | 0.02      | 0.016     | 0         | 55   | 53.8 | 62.4 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 10   | 22     | 17     | 1.647     | -0.026    | 2.513 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 62.4 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 10   | 32     | 17     | 1.578     | -0.01     | 2.513 | 0.02      | 0.016     | 0         | 55   | 53.8 | 62.8 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 10   | 42     | 17     | 1.581     | 0.062     | 2.513 | 0.02      | 0.016     | 0         | 55   | 54.2 | 62.8 | 158        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 12  | 10   | 52     | 17     | 1.594     | 0.01      | 2.513 | 0.016     | 0.013     | 0         | 54.6 | 53.3 | 60.2 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 11   | 2      | 17     | 1.588     | 0.01      | 2.513 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 61.9 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 11   | 12     | 17     | 1.565     | 0.039     | 2.513 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 62.8 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 11   | 22     | 17     | 1.516     | 0.089     | 2.513 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 62.8 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 11   | 32     | 17     | 1.604     | 0.039     | 2.513 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 61.5 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 11   | 42     | 17     | 1.575     | 0.043     | 2.513 | 0.023     | 0.02      | 0         | 55   | 53.3 | 61.1 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 11   | 52     | 17     | 1.581     | 0.02      | 2.513 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.1 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 12   | 2      | 17     | 1.588     | 0.026     | 2.513 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 62.4 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 12   | 12     | 17     | 1.572     | -0.003    | 2.513 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 61.9 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 12   | 22     | 17     | 1.542     | 0.079     | 2.513 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 61.9 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 12   | 32     | 17     | 1.604     | 0.056     | 2.513 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 62.8 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 12   | 42     | 17     | 1.558     | 0         | 2.513 | 0.016     | 0.016     | 0         | 54.6 | 52.5 | 62.4 | 157        | 153        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 12   | 52     | 17     | 1.588     | 0         | 2.513 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 60.2 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 13   | 2      | 17     | 1.594     | 0.079     | 2.516 | 0.016     | 0.013     | 0         | 53.8 | 52.9 | 61.5 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 13   | 12     | 17     | 1.617     | 0.003     | 2.516 | 0.016     | 0.016     | 0         | 53.8 | 53.3 | 59.8 | 156        | 153        | 0          | 31     | 29     |
| 2009 | 6     | 12  | 13   | 22     | 17     | 1.634     | 0.036     | 2.516 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 61.5 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 13   | 32     | 17     | 1.562     | 0.082     | 2.516 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 62.4 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 13   | 42     | 17     | 1.572     | -0.003    | 2.516 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 59.8 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 13   | 52     | 17     | 1.575     | 0.01      | 2.516 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 61.1 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 14   | 2      | 17     | 1.552     | 0.043     | 2.516 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 61.9 | 157        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 14   | 12     | 17     | 1.614     | 0.056     | 2.516 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 61.1 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 14   | 22     | 17     | 1.614     | 0.043     | 2.516 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 61.1 | 156        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 14   | 32     | 17     | 1.552     | 0.049     | 2.516 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 61.5 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 14   | 42     | 17     | 1.542     | 0.036     | 2.516 | 0.016     | 0.013     | 0         | 54.2 | 53.3 | 60.2 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 14   | 52     | 17     | 1.621     | 0.043     | 2.516 | 0.023     | 0.02      | 0         | 54.6 | 53.8 | 58   | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 15   | 2      | 17     | 1.555     | 0.082     | 2.516 | 0.023     | 0.02      | 0         | 55.5 | 54.6 | 58.9 | 160        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 15   | 12     | 17     | 1.604     | -0.007    | 2.516 | 0.016     | 0.016     | 0         | 55   | 53.8 | 58.9 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 15   | 22     | 17     | 1.591     | 0.072     | 2.516 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 58.5 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 15   | 32     | 17     | 1.565     | 0.046     | 2.52  | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 59.8 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 15   | 42     | 17     | 1.588     | 0.03      | 2.52  | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 59.3 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 15   | 52     | 17     | 1.552     | 0.023     | 2.52  | 0.016     | 0.013     | 0         | 54.6 | 53.8 | 60.6 | 157        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 12  | 16   | 2      | 17     | 1.598     | 0.013     | 2.52  | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 59.3 | 157        | 153        | 0          | 30     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 12  | 16   | 12     | 17     | 1.575     | 0.062     | 2.52  | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 59.8 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 16   | 22     | 17     | 1.565     | 0.043     | 2.52  | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 59.8 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 16   | 32     | 17     | 1.565     | 0.016     | 2.52  | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 61.9 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 16   | 42     | 17     | 1.575     | 0.046     | 2.52  | 0.016     | 0.016     | 0         | 54.2 | 52.5 | 59.3 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 16   | 52     | 17     | 1.591     | 0.016     | 2.52  | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 61.1 | 156        | 152        | 0          | 31     | 29     |
| 2009 | 6     | 12  | 17   | 2      | 17     | 1.552     | 0.039     | 2.52  | 0.016     | 0.016     | 0         | 53.8 | 53.3 | 60.2 | 156        | 153        | 0          | 31     | 29     |
| 2009 | 6     | 12  | 17   | 12     | 17     | 1.591     | 0.062     | 2.52  | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 60.6 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 17   | 22     | 17     | 1.572     | 0.046     | 2.52  | 0.016     | 0.016     | 0         | 53.3 | 52.9 | 59.8 | 156        | 153        | 0          | 32     | 30     |
| 2009 | 6     | 12  | 17   | 32     | 17     | 1.522     | 0.079     | 2.52  | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 61.5 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 17   | 42     | 17     | 1.529     | 0.036     | 2.52  | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 61.5 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 17   | 52     | 17     | 1.585     | 0         | 2.52  | 0.02      | 0.016     | 0         | 55.9 | 54.6 | 59.8 | 160        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 18   | 2      | 17     | 1.562     | 0.049     | 2.52  | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 62.8 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 18   | 12     | 17     | 1.562     | 0.069     | 2.52  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 61.5 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 18   | 22     | 17     | 1.575     | 0.023     | 2.523 | 0.026     | 0.023     | 0         | 53.8 | 52.5 | 61.5 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 18   | 32     | 17     | 1.591     | 0         | 2.523 | 0.02      | 0.016     | 0         | 53.3 | 52   | 60.6 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 18   | 42     | 17     | 1.585     | 0.01      | 2.523 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 59.8 | 156        | 152        | 0          | 30     | 29     |
| 2009 | 6     | 12  | 18   | 52     | 17     | 1.529     | 0.059     | 2.523 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 61.5 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 19   | 2      | 17     | 1.539     | 0.069     | 2.523 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 61.9 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 19   | 12     | 17     | 1.585     | 0.03      | 2.523 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 61.5 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 19   | 22     | 17     | 1.581     | 0.056     | 2.523 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 61.1 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 19   | 32     | 17     | 1.591     | 0.036     | 2.523 | 0.016     | 0.016     | 0         | 54.2 | 52.5 | 61.9 | 157        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 19   | 42     | 17     | 1.585     | 0.003     | 2.523 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 60.6 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 19   | 52     | 17     | 1.568     | 0.056     | 2.523 | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 61.5 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 20   | 2      | 17     | 1.575     | 0.016     | 2.523 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 61.5 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 20   | 12     | 17     | 1.594     | 0.039     | 2.526 | 0.016     | 0.016     | 0         | 54.2 | 52.5 | 60.2 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 20   | 22     | 17     | 1.565     | 0.007     | 2.523 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 59.3 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 20   | 32     | 17     | 1.578     | 0.075     | 2.526 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 60.6 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 20   | 42     | 17     | 1.611     | 0.102     | 2.523 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 61.1 | 156        | 152        | 0          | 30     | 29     |
| 2009 | 6     | 12  | 20   | 52     | 17     | 1.601     | 0.013     | 2.523 | 0.016     | 0.016     | 0         | 54.2 | 52.5 | 60.6 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 21   | 2      | 17     | 1.581     | 0.01      | 2.526 | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 61.9 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 21   | 12     | 17     | 1.621     | -0.023    | 2.526 | 0.016     | 0.016     | 0         | 54.2 | 52.5 | 61.5 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 21   | 22     | 17     | 1.575     | 0.036     | 2.526 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 61.1 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 21   | 32     | 17     | 1.558     | -0.013    | 2.526 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 61.1 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 21   | 42     | 17     | 1.555     | 0.046     | 2.526 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 60.6 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 21   | 52     | 17     | 1.545     | 0.069     | 2.526 | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 61.5 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 22   | 2      | 17     | 1.512     | 0.056     | 2.526 | 0.016     | 0.013     | 0         | 54.2 | 52.5 | 62.8 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 22   | 12     | 17     | 1.575     | 0.02      | 2.526 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 61.5 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 22   | 22     | 17     | 1.581     | 0.046     | 2.526 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 61.9 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 22   | 32     | 17     | 1.532     | 0.039     | 2.526 | 0.016     | 0.013     | 0         | 53.8 | 52.5 | 61.1 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 22   | 42     | 17     | 1.637     | 0.033     | 2.526 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 59.8 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 22   | 52     | 17     | 1.539     | 0.092     | 2.526 | 0.016     | 0.013     | 0         | 54.2 | 52.5 | 60.6 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 23   | 2      | 17     | 1.575     | 0.069     | 2.526 | 0.023     | 0.02      | 0         | 53.8 | 52   | 61.9 | 155        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 23   | 12     | 17     | 1.542     | 0.059     | 2.526 | 0.02      | 0.016     | 0         | 53.8 | 52   | 63.2 | 155        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 23   | 22     | 17     | 1.614     | 0.039     | 2.526 | 0.016     | 0.013     | 0         | 53.8 | 52   | 61.9 | 155        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 23   | 32     | 17     | 1.585     | 0.062     | 2.526 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 62.8 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 23   | 42     | 17     | 1.585     | 0.085     | 2.526 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 61.5 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 23   | 52     | 17     | 1.558     | 0.082     | 2.526 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 62.4 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 0    | 2      | 17     | 1.572     | 0.016     | 2.526 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 61.1 | 155        | 152        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 13  | 0    | 12     | 17     | 1.575     | 0.033     | 2.526 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 61.1 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 0    | 22     | 17     | 1.617     | 0         | 2.526 | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 61.1 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 0    | 32     | 17     | 1.555     | 0.023     | 2.526 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 61.1 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 13  | 0    | 42     | 17     | 1.585     | 0.072     | 2.526 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 62.4 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 0    | 52     | 17     | 1.631     | 0.023     | 2.526 | 0.016     | 0.013     | 0         | 54.2 | 52.5 | 61.9 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 1    | 2      | 17     | 1.558     | 0.075     | 2.526 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 61.9 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 1    | 12     | 17     | 1.588     | 0.039     | 2.526 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 60.2 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 1    | 22     | 17     | 1.598     | -0.007    | 2.523 | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 61.1 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 1    | 32     | 17     | 1.578     | 0.01      | 2.523 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 61.5 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 1    | 42     | 17     | 1.552     | 0.023     | 2.526 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 60.6 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 1    | 52     | 17     | 1.611     | 0.01      | 2.523 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 59.3 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 2    | 2      | 17     | 1.535     | 0.033     | 2.523 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 61.1 | 158        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 13  | 2    | 12     | 17     | 1.552     | 0.075     | 2.526 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.1 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 2    | 22     | 17     | 1.581     | 0.056     | 2.523 | 0.016     | 0.013     | 0         | 55   | 53.3 | 59.8 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 2    | 32     | 17     | 1.565     | 0.036     | 2.523 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 59.8 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 2    | 42     | 17     | 1.562     | 0.02      | 2.523 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 60.6 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 2    | 52     | 17     | 1.572     | 0.02      | 2.523 | 0.02      | 0.016     | 0         | 55   | 53.3 | 60.2 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 3    | 2      | 17     | 1.598     | 0         | 2.523 | 0.016     | 0.013     | 0         | 55   | 53.3 | 59.8 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 3    | 12     | 17     | 1.591     | 0.033     | 2.523 | 0.02      | 0.016     | 0         | 55   | 53.8 | 61.1 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 3    | 22     | 17     | 1.542     | 0.01      | 2.523 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 59.3 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 3    | 32     | 17     | 1.604     | -0.01     | 2.523 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 60.2 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 3    | 42     | 17     | 1.575     | 0.046     | 2.523 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.5 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 3    | 52     | 17     | 1.562     | 0.036     | 2.523 | 0.016     | 0.016     | 0         | 55   | 53.8 | 60.6 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 4    | 2      | 17     | 1.581     | 0.013     | 2.523 | 0.023     | 0.02      | 0         | 54.6 | 53.8 | 60.2 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 4    | 12     | 17     | 1.562     | 0.082     | 2.523 | 0.016     | 0.013     | 0         | 55   | 53.8 | 59.8 | 158        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 13  | 4    | 22     | 17     | 1.581     | 0.066     | 2.523 | 0.016     | 0.013     | 0         | 55   | 53.8 | 58.9 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 4    | 32     | 17     | 1.555     | 0.056     | 2.523 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 59.8 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 4    | 42     | 17     | 1.572     | 0         | 2.523 | 0.016     | 0.016     | 0         | 55   | 53.8 | 59.8 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 4    | 52     | 17     | 1.509     | 0.092     | 2.523 | 0.02      | 0.016     | 0         | 55   | 54.2 | 60.6 | 158        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 13  | 5    | 2      | 17     | 1.499     | 0.095     | 2.523 | 0.016     | 0.016     | 0         | 55   | 53.8 | 61.9 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 5    | 12     | 17     | 1.565     | 0.02      | 2.523 | 0.016     | 0.013     | 0         | 55.5 | 53.8 | 59.8 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 5    | 22     | 17     | 1.549     | 0.013     | 2.523 | 0.016     | 0.016     | 0         | 55   | 54.2 | 59.8 | 159        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 5    | 32     | 17     | 1.562     | 0.062     | 2.523 | 0.016     | 0.016     | 0         | 55   | 54.2 | 58.9 | 159        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 5    | 42     | 17     | 1.568     | 0.023     | 2.523 | 0.02      | 0.016     | 0         | 55.5 | 54.2 | 59.8 | 159        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 5    | 52     | 17     | 1.526     | 0.016     | 2.523 | 0.02      | 0.016     | 0         | 55   | 54.6 | 60.2 | 159        | 156        | 0          | 31     | 29     |
| 2009 | 6     | 13  | 6    | 2      | 17     | 1.558     | 0.043     | 2.523 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 59.8 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 6    | 12     | 17     | 1.568     | 0.023     | 2.523 | 0.016     | 0.016     | 0         | 55.5 | 54.2 | 58.5 | 159        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 6    | 22     | 17     | 1.558     | 0.049     | 2.523 | 0.02      | 0.016     | 0         | 55   | 53.8 | 58.9 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 6    | 32     | 17     | 1.594     | 0.003     | 2.523 | 0.016     | 0.013     | 0         | 54.6 | 53.3 | 58.5 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 6    | 42     | 17     | 1.565     | 0.03      | 2.523 | 0.016     | 0.016     | 0         | 55   | 53.8 | 60.2 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 6    | 52     | 17     | 1.588     | 0.036     | 2.523 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 58.9 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 7    | 2      | 17     | 1.552     | 0.007     | 2.523 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 59.8 | 158        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 7    | 12     | 17     | 1.539     | 0.092     | 2.523 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 59.3 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 7    | 22     | 17     | 1.601     | 0.039     | 2.523 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 59.3 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 7    | 32     | 17     | 1.545     | 0.03      | 2.526 | 0.016     | 0.016     | 0         | 55   | 53.8 | 58.9 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 7    | 42     | 17     | 1.542     | 0.007     | 2.526 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 59.3 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 7    | 52     | 17     | 1.588     | 0.052     | 2.526 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 59.3 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 8    | 2      | 17     | 1.545     | 0.036     | 2.526 | 0.02      | 0.016     | 0         | 55   | 53.8 | 61.1 | 158        | 155        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 13  | 8    | 12     | 17     | 1.542     | 0.049     | 2.523 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 58.5 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 8    | 22     | 17     | 1.604     | 0.03      | 2.526 | 0.016     | 0.013     | 0         | 54.2 | 53.3 | 58.9 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 8    | 32     | 17     | 1.549     | 0.059     | 2.526 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 58.9 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 8    | 42     | 17     | 1.555     | 0.003     | 2.526 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 58   | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 8    | 52     | 17     | 1.588     | -0.01     | 2.526 | 0.016     | 0.013     | 0         | 55   | 53.8 | 58.5 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 9    | 2      | 17     | 1.539     | 0.01      | 2.526 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 58.9 | 158        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 9    | 12     | 17     | 1.575     | 0.056     | 2.526 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 59.3 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 9    | 22     | 17     | 1.509     | 0.059     | 2.526 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 58.9 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 9    | 32     | 17     | 1.611     | 0.069     | 2.526 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 58.9 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 9    | 42     | 17     | 1.568     | 0.023     | 2.53  | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 59.8 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 9    | 52     | 17     | 1.555     | 0.023     | 2.526 | 0.02      | 0.016     | 0         | 54.2 | 53.8 | 58.9 | 157        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 10   | 2      | 17     | 1.604     | 0.003     | 2.526 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 60.2 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 10   | 12     | 17     | 1.552     | 0.023     | 2.526 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 57.6 | 157        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 10   | 22     | 17     | 1.578     | 0.03      | 2.53  | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 59.3 | 158        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 10   | 32     | 17     | 1.555     | 0.016     | 2.526 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 59.8 | 158        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 10   | 42     | 17     | 1.529     | 0.039     | 2.526 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 59.3 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 10   | 52     | 17     | 1.591     | 0.023     | 2.526 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 59.3 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 11   | 2      | 17     | 1.545     | -0.036    | 2.526 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 57.6 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 11   | 12     | 17     | 1.519     | 0.033     | 2.53  | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 60.2 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 11   | 22     | 17     | 1.578     | 0.02      | 2.526 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 59.3 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 11   | 32     | 17     | 1.631     | 0.02      | 2.526 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 59.3 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 11   | 42     | 17     | 1.542     | 0.079     | 2.526 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 60.6 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 11   | 52     | 17     | 1.558     | 0.026     | 2.526 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 60.6 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 12   | 2      | 17     | 1.581     | 0.046     | 2.526 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 60.6 | 156        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 12   | 12     | 17     | 1.585     | 0.039     | 2.526 | 0.016     | 0.016     | 0         | 54.2 | 52.5 | 59.8 | 157        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 12   | 22     | 17     | 1.617     | 0.02      | 2.53  | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 60.6 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 12   | 32     | 17     | 1.558     | 0.043     | 2.53  | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 58.5 | 156        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 12   | 42     | 17     | 1.568     | 0.049     | 2.53  | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 60.2 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 12   | 52     | 17     | 1.588     | 0         | 2.53  | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 59.3 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 13   | 2      | 17     | 1.581     | 0.082     | 2.526 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 58.9 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 13   | 12     | 17     | 1.572     | 0.056     | 2.526 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 60.6 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 13   | 22     | 17     | 1.594     | 0.059     | 2.53  | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 58   | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 13   | 32     | 17     | 1.617     | 0.023     | 2.526 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 58   | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 13   | 42     | 17     | 1.588     | 0.016     | 2.526 | 0.016     | 0.013     | 0         | 54.6 | 53.3 | 57.6 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 13   | 52     | 17     | 1.572     | 0.03      | 2.526 | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 58.9 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 14   | 2      | 17     | 1.568     | 0.023     | 2.526 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 59.8 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 14   | 12     | 17     | 1.558     | 0.072     | 2.53  | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 60.6 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 14   | 22     | 17     | 1.565     | 0.033     | 2.526 | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 60.6 | 157        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 14   | 32     | 17     | 1.565     | 0.039     | 2.526 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 60.2 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 14   | 42     | 17     | 1.581     | 0.056     | 2.526 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 59.8 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 14   | 52     | 17     | 1.598     | 0.013     | 2.53  | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 59.3 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 15   | 2      | 17     | 1.572     | 0.033     | 2.526 | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 58   | 157        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 15   | 12     | 17     | 1.578     | -0.01     | 2.526 | 0.016     | 0.016     | 0         | 55   | 53.8 | 58.5 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 15   | 22     | 17     | 1.529     | 0.043     | 2.526 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.5 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 15   | 32     | 17     | 1.627     | 0.056     | 2.526 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 61.1 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 15   | 42     | 17     | 1.535     | 0.046     | 2.526 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 59.8 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 15   | 52     | 17     | 1.585     | 0.043     | 2.526 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 60.2 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 16   | 2      | 17     | 1.516     | 0.085     | 2.526 | 0.016     | 0.016     | 0         | 54.2 | 53.8 | 61.9 | 157        | 154        | 0          | 31     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 13  | 16   | 12     | 17     | 1.568     | 0.043     | 2.526 | 0.016     | 0.016     | 0         | 54.2 | 53.8 | 59.8 | 157        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 13  | 16   | 22     | 17     | 1.542     | 0.062     | 2.526 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 59.3 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 16   | 32     | 17     | 1.64      | 0.013     | 2.526 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 58.9 | 158        | 154        | 0          | 32     | 30     |
| 2009 | 6     | 13  | 16   | 42     | 17     | 1.585     | 0.02      | 2.526 | 0.016     | 0.016     | 0         | 55   | 53.3 | 60.2 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 16   | 52     | 17     | 1.611     | 0.007     | 2.526 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 58.9 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 17   | 2      | 17     | 1.604     | 0.01      | 2.526 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 59.3 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 17   | 12     | 17     | 1.591     | 0.033     | 2.526 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 58.9 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 17   | 22     | 17     | 1.483     | 0.098     | 2.526 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 60.6 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 17   | 32     | 17     | 1.558     | 0.016     | 2.526 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 59.3 | 157        | 153        | 0          | 31     | 29     |
| 2009 | 6     | 13  | 17   | 42     | 17     | 1.608     | -0.007    | 2.526 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 60.6 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 17   | 52     | 17     | 1.549     | 0.039     | 2.526 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 61.5 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 18   | 2      | 17     | 1.572     | 0.026     | 2.526 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 60.2 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 18   | 12     | 17     | 1.522     | 0.01      | 2.526 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 61.5 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 18   | 22     | 17     | 1.578     | 0.056     | 2.526 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 61.5 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 18   | 32     | 17     | 1.591     | 0.072     | 2.526 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 60.2 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 18   | 42     | 17     | 1.614     | 0.03      | 2.526 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 60.2 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 18   | 52     | 17     | 1.549     | 0.075     | 2.526 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 60.2 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 19   | 2      | 17     | 1.614     | 0.049     | 2.526 | 0.016     | 0.016     | 0         | 55   | 53.8 | 61.5 | 158        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 13  | 19   | 12     | 17     | 1.581     | 0.052     | 2.526 | 0.016     | 0.013     | 0         | 54.6 | 53.3 | 60.2 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 19   | 22     | 17     | 1.604     | 0.039     | 2.526 | 0.016     | 0.016     | 0         | 55   | 53.8 | 60.6 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 19   | 32     | 17     | 1.539     | 0.059     | 2.526 | 0.02      | 0.016     | 0         | 56.3 | 55.5 | 59.3 | 162        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 19   | 42     | 17     | 1.565     | 0.039     | 2.526 | 0.02      | 0.016     | 0         | 56.8 | 55.9 | 59.3 | 162        | 159        | 0          | 30     | 29     |
| 2009 | 6     | 13  | 19   | 52     | 17     | 1.552     | 0.052     | 2.526 | 0.016     | 0.016     | 0         | 56.8 | 55.9 | 58.5 | 162        | 159        | 0          | 30     | 29     |
| 2009 | 6     | 13  | 20   | 2      | 17     | 1.526     | 0.089     | 2.526 | 0.02      | 0.016     | 0         | 55.9 | 55   | 59.8 | 161        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 20   | 12     | 17     | 1.545     | 0.069     | 2.526 | 0.02      | 0.016     | 0         | 55.9 | 54.6 | 59.8 | 161        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 20   | 22     | 17     | 1.591     | 0.072     | 2.526 | 0.02      | 0.016     | 0         | 55.5 | 54.6 | 59.8 | 160        | 156        | 0          | 31     | 29     |
| 2009 | 6     | 13  | 20   | 32     | 17     | 1.555     | 0.033     | 2.526 | 0.02      | 0.016     | 0         | 55   | 54.6 | 59.8 | 159        | 156        | 0          | 31     | 29     |
| 2009 | 6     | 13  | 20   | 42     | 17     | 1.503     | 0.056     | 2.526 | 0.016     | 0.016     | 0         | 55   | 53.8 | 61.9 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 20   | 52     | 17     | 1.509     | 0.052     | 2.526 | 0.02      | 0.016     | 0         | 55   | 53.8 | 60.6 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 21   | 2      | 17     | 1.617     | 0.026     | 2.526 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 60.2 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 21   | 12     | 17     | 1.64      | -0.01     | 2.526 | 0.02      | 0.016     | 0         | 55   | 53.8 | 58.9 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 21   | 22     | 17     | 1.598     | 0.052     | 2.526 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 58.9 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 21   | 32     | 17     | 1.601     | 0.03      | 2.526 | 0.02      | 0.016     | 0         | 55   | 53.3 | 59.8 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 21   | 42     | 17     | 1.594     | 0.039     | 2.526 | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 60.6 | 158        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 21   | 52     | 17     | 1.526     | 0.059     | 2.526 | 0.023     | 0.02      | 0         | 54.2 | 53.3 | 60.6 | 157        | 153        | 0          | 31     | 29     |
| 2009 | 6     | 13  | 22   | 2      | 17     | 1.588     | 0.01      | 2.526 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 62.4 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 22   | 12     | 17     | 1.532     | 0.003     | 2.526 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 62.4 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 22   | 22     | 17     | 1.601     | 0.033     | 2.526 | 0.02      | 0.016     | 0         | 54.2 | 53.8 | 61.9 | 157        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 13  | 22   | 32     | 17     | 1.542     | 0.062     | 2.526 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 61.9 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 22   | 42     | 17     | 1.601     | 0.056     | 2.523 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 62.4 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 22   | 52     | 17     | 1.545     | 0.046     | 2.523 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 61.5 | 157        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 13  | 23   | 2      | 17     | 1.608     | 0.052     | 2.523 | 0.02      | 0.016     | 0         | 55   | 53.3 | 62.4 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 23   | 12     | 17     | 1.601     | 0.062     | 2.523 | 0.02      | 0.016     | 0         | 55   | 53.8 | 59.8 | 158        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 13  | 23   | 22     | 17     | 1.558     | 0.082     | 2.523 | 0.016     | 0.016     | 0         | 55   | 53.3 | 61.9 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 23   | 32     | 17     | 1.568     | 0.01      | 2.523 | 0.02      | 0.016     | 0         | 55   | 53.8 | 61.1 | 158        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 13  | 23   | 42     | 17     | 1.604     | 0.013     | 2.523 | 0.016     | 0.016     | 0         | 55   | 54.2 | 61.9 | 159        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 23   | 52     | 17     | 1.532     | 0.056     | 2.523 | 0.02      | 0.016     | 0         | 54.6 | 54.2 | 61.5 | 158        | 155        | 0          | 31     | 29     |
| 2009 | 6     | 14  | 0    | 2      | 17     | 1.552     | 0.059     | 2.523 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 61.5 | 158        | 155        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 14  | 0    | 12     | 17     | 1.565     | 0.01      | 2.523 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 61.9 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 0    | 22     | 17     | 1.545     | 0.056     | 2.523 | 0.02      | 0.016     | 0         | 55   | 54.2 | 61.9 | 159        | 155        | 0          | 31     | 29     |
| 2009 | 6     | 14  | 0    | 32     | 17     | 1.601     | 0.069     | 2.523 | 0.016     | 0.016     | 0         | 55   | 54.2 | 61.9 | 159        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 0    | 42     | 17     | 1.588     | 0.02      | 2.523 | 0.02      | 0.016     | 0         | 55.5 | 53.8 | 60.6 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 0    | 52     | 17     | 1.581     | 0.007     | 2.52  | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 61.1 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 1    | 2      | 17     | 1.542     | 0         | 2.52  | 0.02      | 0.016     | 0         | 55   | 53.3 | 61.1 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 1    | 12     | 17     | 1.647     | -0.013    | 2.52  | 0.02      | 0.016     | 0         | 55   | 53.3 | 58.9 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 1    | 22     | 17     | 1.591     | 0.01      | 2.52  | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.1 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 1    | 32     | 17     | 1.578     | 0.03      | 2.52  | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 62.8 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 1    | 42     | 17     | 1.539     | 0.046     | 2.52  | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 62.4 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 1    | 52     | 17     | 1.578     | 0.033     | 2.52  | 0.02      | 0.016     | 0         | 55   | 53.8 | 61.5 | 158        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 14  | 2    | 2      | 17     | 1.545     | 0.079     | 2.52  | 0.02      | 0.016     | 0         | 55   | 53.8 | 61.9 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 2    | 12     | 17     | 1.594     | 0.023     | 2.52  | 0.02      | 0.016     | 0         | 55   | 53.3 | 61.1 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 2    | 22     | 17     | 1.568     | 0.02      | 2.52  | 0.016     | 0.016     | 0         | 55.5 | 53.8 | 60.6 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 2    | 32     | 17     | 1.519     | 0.023     | 2.52  | 0.02      | 0.016     | 0         | 55   | 54.2 | 63.2 | 159        | 155        | 0          | 31     | 29     |
| 2009 | 6     | 14  | 2    | 42     | 17     | 1.608     | 0.023     | 2.516 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 61.9 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 2    | 52     | 17     | 1.572     | 0         | 2.516 | 0.016     | 0.016     | 0         | 55   | 53.8 | 61.5 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 3    | 2      | 17     | 1.549     | 0.049     | 2.516 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 62.4 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 3    | 12     | 17     | 1.549     | 0.052     | 2.516 | 0.016     | 0.016     | 0         | 55   | 53.3 | 63.2 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 3    | 22     | 17     | 1.572     | 0.023     | 2.516 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 61.9 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 3    | 32     | 17     | 1.598     | 0.039     | 2.516 | 0.023     | 0.02      | 0         | 54.6 | 53.8 | 62.8 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 3    | 42     | 17     | 1.552     | 0.01      | 2.516 | 0.02      | 0.016     | 0         | 55.5 | 53.8 | 62.8 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 3    | 52     | 17     | 1.539     | 0.007     | 2.516 | 0.02      | 0.016     | 0         | 55   | 53.8 | 60.6 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 4    | 2      | 17     | 1.575     | 0.062     | 2.516 | 0.016     | 0.016     | 0         | 55   | 53.8 | 61.5 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 4    | 12     | 17     | 1.578     | 0.043     | 2.513 | 0.02      | 0.016     | 0         | 55   | 54.2 | 62.4 | 159        | 155        | 0          | 31     | 29     |
| 2009 | 6     | 14  | 4    | 22     | 17     | 1.552     | 0.069     | 2.513 | 0.016     | 0.016     | 0         | 55   | 54.2 | 61.5 | 159        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 4    | 32     | 17     | 1.545     | 0.075     | 2.513 | 0.016     | 0.016     | 0         | 55.5 | 54.2 | 61.9 | 159        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 14  | 4    | 42     | 17     | 1.572     | -0.003    | 2.513 | 0.02      | 0.016     | 0         | 55   | 53.8 | 61.1 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 4    | 52     | 17     | 1.539     | 0.059     | 2.513 | 0.02      | 0.016     | 0         | 55   | 53.8 | 60.2 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 5    | 2      | 17     | 1.601     | 0.056     | 2.513 | 0.016     | 0.016     | 0         | 55.9 | 54.2 | 61.9 | 160        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 5    | 12     | 17     | 1.585     | 0         | 2.513 | 0.016     | 0.016     | 0         | 55   | 54.2 | 61.1 | 159        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 5    | 22     | 17     | 1.572     | 0.046     | 2.51  | 0.02      | 0.016     | 0         | 55   | 54.2 | 60.6 | 159        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 5    | 32     | 17     | 1.598     | 0.03      | 2.51  | 0.016     | 0.013     | 0         | 55   | 54.2 | 60.6 | 159        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 5    | 42     | 17     | 1.572     | 0.033     | 2.51  | 0.023     | 0.02      | 0         | 55.5 | 54.2 | 61.1 | 159        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 5    | 52     | 17     | 1.535     | 0.023     | 2.51  | 0.016     | 0.016     | 0         | 55.5 | 54.2 | 61.5 | 159        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 6    | 2      | 17     | 1.572     | 0.02      | 2.51  | 0.02      | 0.016     | 0         | 55.5 | 54.2 | 61.1 | 159        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 6    | 12     | 17     | 1.594     | 0.043     | 2.51  | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 61.1 | 159        | 155        | 0          | 32     | 30     |
| 2009 | 6     | 14  | 6    | 22     | 17     | 1.588     | 0.036     | 2.51  | 0.02      | 0.016     | 0         | 55   | 53.8 | 61.1 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 6    | 32     | 17     | 1.568     | 0.052     | 2.51  | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 61.5 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 6    | 42     | 17     | 1.604     | 0.026     | 2.51  | 0.016     | 0.013     | 0         | 55   | 53.8 | 61.5 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 6    | 52     | 17     | 1.591     | -0.016    | 2.51  | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 61.9 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 7    | 2      | 17     | 1.598     | -0.016    | 2.51  | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 61.1 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 7    | 12     | 17     | 1.545     | 0.043     | 2.51  | 0.023     | 0.02      | 0         | 54.2 | 53.3 | 62.8 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 7    | 22     | 17     | 1.535     | 0.01      | 2.51  | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.5 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 7    | 32     | 17     | 1.522     | -0.02     | 2.51  | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 62.8 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 7    | 42     | 17     | 1.552     | 0.026     | 2.51  | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 63.2 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 7    | 52     | 17     | 1.526     | 0.043     | 2.51  | 0.016     | 0.013     | 0         | 53.8 | 53.3 | 62.4 | 157        | 154        | 0          | 32     | 30     |
| 2009 | 6     | 14  | 8    | 2      | 17     | 1.552     | 0.013     | 2.507 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 61.1 | 157        | 153        | 0          | 31     | 30     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 14  | 8    | 12     | 17     | 1.562     | 0.043     | 2.507 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 61.5 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 8    | 22     | 17     | 1.591     | 0.01      | 2.507 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 59.3 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 8    | 32     | 17     | 1.562     | 0.039     | 2.507 | 0.016     | 0.013     | 0         | 54.6 | 53.3 | 61.5 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 8    | 42     | 17     | 1.601     | 0.052     | 2.507 | 0.02      | 0.016     | 0         | 54.2 | 53.8 | 62.4 | 157        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 8    | 52     | 17     | 1.539     | 0.072     | 2.507 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 61.1 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 9    | 2      | 17     | 1.503     | 0.036     | 2.507 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 62.4 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 9    | 12     | 17     | 1.591     | 0         | 2.507 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 60.2 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 9    | 22     | 17     | 1.611     | 0.052     | 2.507 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 62.4 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 9    | 32     | 17     | 1.562     | 0.046     | 2.507 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 61.9 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 9    | 42     | 17     | 1.516     | 0.003     | 2.507 | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 63.6 | 157        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 9    | 52     | 17     | 1.634     | 0.023     | 2.507 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 62.4 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 10   | 2      | 17     | 1.532     | 0.085     | 2.507 | 0.016     | 0.013     | 0         | 54.2 | 53.3 | 61.1 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 10   | 12     | 17     | 1.585     | 0.043     | 2.507 | 0.023     | 0.02      | 0         | 54.2 | 53.3 | 60.6 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 10   | 22     | 17     | 1.578     | 0.03      | 2.507 | 0.023     | 0.02      | 0         | 54.2 | 52.9 | 61.9 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 10   | 32     | 17     | 1.581     | 0.036     | 2.507 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 61.9 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 10   | 42     | 17     | 1.526     | 0.046     | 2.507 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 63.2 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 10   | 52     | 17     | 1.565     | 0.026     | 2.507 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 62.4 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 11   | 2      | 17     | 1.644     | -0.007    | 2.507 | 0.016     | 0.013     | 0         | 54.2 | 52.9 | 60.6 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 11   | 12     | 17     | 1.594     | -0.02     | 2.507 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 61.9 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 11   | 22     | 17     | 1.572     | 0.026     | 2.503 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 61.9 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 11   | 32     | 17     | 1.601     | 0.033     | 2.507 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 61.1 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 11   | 42     | 17     | 1.562     | 0.066     | 2.507 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 61.1 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 11   | 52     | 17     | 1.585     | 0.03      | 2.507 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 61.5 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 12   | 2      | 17     | 1.555     | 0.01      | 2.507 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 60.6 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 12   | 12     | 17     | 1.555     | 0.023     | 2.503 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 62.8 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 12   | 22     | 17     | 1.575     | 0.085     | 2.507 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 62.4 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 12   | 32     | 17     | 1.578     | 0.046     | 2.507 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 61.1 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 12   | 42     | 17     | 1.591     | -0.01     | 2.503 | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 61.5 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 12   | 52     | 17     | 1.617     | -0.007    | 2.507 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 61.5 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 13   | 2      | 17     | 1.532     | 0.026     | 2.503 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 60.6 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 13   | 12     | 17     | 1.588     | 0.069     | 2.503 | 0.023     | 0.02      | 0         | 53.8 | 53.3 | 60.6 | 156        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 13   | 22     | 17     | 1.64      | -0.01     | 2.503 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 59.3 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 13   | 32     | 17     | 1.529     | 0.003     | 2.503 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 59.8 | 157        | 153        | 0          | 31     | 29     |
| 2009 | 6     | 14  | 13   | 42     | 17     | 1.608     | -0.016    | 2.503 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 59.8 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 13   | 52     | 17     | 1.608     | 0.049     | 2.503 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 61.1 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 14   | 2      | 17     | 1.545     | 0.02      | 2.503 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 60.6 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 14   | 12     | 17     | 1.608     | 0.033     | 2.5   | 0.016     | 0.016     | 0         | 54.2 | 52.5 | 59.8 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 14   | 22     | 17     | 1.588     | 0.043     | 2.503 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 60.6 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 14   | 32     | 17     | 1.568     | 0.01      | 2.503 | 0.02      | 0.016     | 0         | 53.3 | 52   | 59.8 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 14   | 42     | 17     | 1.572     | 0.059     | 2.503 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 59.8 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 14   | 52     | 17     | 1.578     | 0.023     | 2.5   | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 60.2 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 15   | 2      | 17     | 1.558     | 0.056     | 2.5   | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 60.6 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 15   | 12     | 17     | 1.601     | -0.02     | 2.5   | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 58.9 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 15   | 22     | 17     | 1.624     | 0.03      | 2.5   | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 59.3 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 15   | 32     | 17     | 1.591     | 0.03      | 2.5   | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 59.3 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 15   | 42     | 17     | 1.581     | 0.056     | 2.497 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 59.8 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 15   | 52     | 17     | 1.558     | 0.049     | 2.5   | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 59.8 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 16   | 2      | 17     | 1.581     | 0.01      | 2.497 | 0.02      | 0.016     | 0         | 53.3 | 52   | 60.6 | 155        | 151        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 14  | 16   | 12     | 17     | 1.608     | 0.056     | 2.5   | 0.016     | 0.016     | 0         | 53.3 | 52   | 59.8 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 16   | 22     | 17     | 1.585     | 0.056     | 2.497 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 59.3 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 16   | 32     | 17     | 1.64      | -0.02     | 2.497 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 59.3 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 16   | 42     | 17     | 1.585     | -0.007    | 2.497 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 59.3 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 16   | 52     | 17     | 1.575     | 0.039     | 2.493 | 0.016     | 0.016     | 0         | 54.2 | 52.5 | 59.8 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 17   | 2      | 17     | 1.578     | 0.049     | 2.497 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 60.6 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 17   | 12     | 17     | 1.555     | 0.046     | 2.493 | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 59.8 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 17   | 22     | 17     | 1.558     | 0.049     | 2.493 | 0.016     | 0.016     | 0         | 53.3 | 52   | 61.1 | 155        | 152        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 17   | 32     | 17     | 1.572     | 0.046     | 2.493 | 0.016     | 0.013     | 0         | 54.2 | 52.9 | 60.2 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 17   | 42     | 17     | 1.594     | 0         | 2.493 | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 60.2 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 17   | 52     | 17     | 1.601     | -0.013    | 2.493 | 0.016     | 0.016     | 0         | 53.8 | 52   | 58.9 | 155        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 18   | 2      | 17     | 1.558     | 0.082     | 2.493 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 61.1 | 156        | 152        | 0          | 30     | 29     |
| 2009 | 6     | 14  | 18   | 12     | 17     | 1.578     | 0.026     | 2.493 | 0.016     | 0.013     | 0         | 53.8 | 52.5 | 60.6 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 18   | 22     | 17     | 1.614     | -0.007    | 2.493 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 60.6 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 18   | 32     | 17     | 1.568     | 0.079     | 2.493 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 61.1 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 18   | 42     | 17     | 1.644     | 0         | 2.493 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 60.2 | 155        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 14  | 18   | 52     | 17     | 1.568     | -0.007    | 2.493 | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 60.2 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 19   | 2      | 17     | 1.585     | 0.046     | 2.493 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 61.9 | 156        | 152        | 0          | 31     | 29     |
| 2009 | 6     | 14  | 19   | 12     | 17     | 1.555     | 0.023     | 2.493 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 59.8 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 19   | 22     | 17     | 1.581     | 0.023     | 2.493 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 60.2 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 19   | 32     | 17     | 1.581     | 0.056     | 2.493 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 61.1 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 14  | 19   | 42     | 17     | 1.621     | -0.013    | 2.493 | 0.023     | 0.02      | 0         | 53.8 | 52.5 | 59.3 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 19   | 52     | 17     | 1.598     | 0.033     | 2.493 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 60.2 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 20   | 2      | 17     | 1.585     | 0.023     | 2.493 | 0.016     | 0.016     | 0         | 54.2 | 52.5 | 61.1 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 20   | 12     | 17     | 1.549     | 0.043     | 2.493 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 60.6 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 14  | 20   | 22     | 17     | 1.598     | 0         | 2.493 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 59.8 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 20   | 32     | 17     | 1.581     | 0.03      | 2.493 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 60.2 | 157        | 153        | 0          | 31     | 29     |
| 2009 | 6     | 14  | 20   | 42     | 17     | 1.575     | 0.046     | 2.493 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 60.6 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 20   | 52     | 17     | 1.585     | 0.046     | 2.493 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 60.2 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 21   | 2      | 17     | 1.601     | -0.003    | 2.493 | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 59.8 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 21   | 12     | 17     | 1.552     | 0.069     | 2.493 | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 60.2 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 21   | 22     | 17     | 1.608     | 0         | 2.493 | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 60.2 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 21   | 32     | 17     | 1.624     | -0.003    | 2.493 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 61.1 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 21   | 42     | 17     | 1.591     | 0.039     | 2.493 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 61.9 | 155        | 152        | 0          | 30     | 29     |
| 2009 | 6     | 14  | 21   | 52     | 17     | 1.581     | 0.049     | 2.493 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 61.1 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 22   | 2      | 17     | 1.558     | 0.052     | 2.493 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.1 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 14  | 22   | 12     | 17     | 1.578     | 0.03      | 2.493 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 61.1 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 22   | 22     | 17     | 1.65      | 0.023     | 2.493 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 60.2 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 22   | 32     | 17     | 1.565     | 0.01      | 2.49  | 0.016     | 0.016     | 0         | 54.2 | 52.5 | 58.9 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 22   | 42     | 17     | 1.617     | 0.039     | 2.493 | 0.016     | 0.016     | 0         | 54.2 | 52.5 | 59.8 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 22   | 52     | 17     | 1.578     | 0         | 2.49  | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 59.8 | 157        | 152        | 0          | 31     | 29     |
| 2009 | 6     | 14  | 23   | 2      | 17     | 1.558     | 0.062     | 2.49  | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 60.2 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 23   | 12     | 17     | 1.604     | 0.036     | 2.49  | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 62.4 | 157        | 153        | 0          | 31     | 29     |
| 2009 | 6     | 14  | 23   | 22     | 17     | 1.617     | 0.01      | 2.49  | 0.016     | 0.013     | 0         | 54.2 | 52.5 | 61.5 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 23   | 32     | 17     | 1.608     | 0.02      | 2.49  | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 61.1 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 23   | 42     | 17     | 1.568     | 0.01      | 2.49  | 0.016     | 0.013     | 0         | 54.2 | 52.9 | 60.6 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 23   | 52     | 17     | 1.575     | 0.023     | 2.49  | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 61.5 | 156        | 152        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 0    | 2      | 17     | 1.568     | 0.033     | 2.49  | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 62.4 | 156        | 152        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 15  | 0    | 12     | 17     | 1.555     | 0.023     | 2.49  | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 62.8 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 0    | 22     | 17     | 1.555     | 0.02      | 2.49  | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 61.5 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 0    | 32     | 17     | 1.594     | 0.01      | 2.49  | 0.02      | 0.016     | 0         | 55   | 53.8 | 63.2 | 158        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 0    | 42     | 17     | 1.591     | 0.013     | 2.49  | 0.023     | 0.02      | 0         | 54.6 | 52.9 | 61.9 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 0    | 52     | 17     | 1.585     | 0.052     | 2.487 | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 62.8 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 1    | 2      | 17     | 1.572     | 0.066     | 2.487 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.9 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 1    | 12     | 17     | 1.552     | 0.069     | 2.487 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 62.4 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 1    | 22     | 17     | 1.585     | 0.043     | 2.487 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 61.1 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 1    | 32     | 17     | 1.565     | 0.052     | 2.487 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 62.8 | 157        | 153        | 0          | 31     | 29     |
| 2009 | 6     | 15  | 1    | 42     | 17     | 1.503     | 0.007     | 2.487 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 63.2 | 157        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 1    | 52     | 17     | 1.594     | 0.026     | 2.487 | 0.016     | 0.016     | 0         | 55.5 | 53.8 | 60.2 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 2    | 2      | 17     | 1.601     | 0.033     | 2.487 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 59.8 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 2    | 12     | 17     | 1.572     | 0.059     | 2.487 | 0.02      | 0.016     | 0         | 55   | 53.3 | 61.1 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 2    | 22     | 17     | 1.568     | 0.016     | 2.487 | 0.02      | 0.016     | 0         | 55.5 | 54.2 | 61.1 | 159        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 2    | 32     | 17     | 1.611     | 0.033     | 2.487 | 0.023     | 0.02      | 0         | 55.5 | 53.8 | 61.9 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 2    | 42     | 17     | 1.545     | 0.033     | 2.487 | 0.016     | 0.016     | 0         | 55   | 53.3 | 60.6 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 2    | 52     | 17     | 1.542     | 0.033     | 2.484 | 0.02      | 0.016     | 0         | 55   | 54.2 | 61.9 | 159        | 155        | 0          | 31     | 29     |
| 2009 | 6     | 15  | 3    | 2      | 17     | 1.558     | 0.026     | 2.484 | 0.02      | 0.016     | 0         | 55   | 53.3 | 61.1 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 3    | 12     | 17     | 1.549     | 0.046     | 2.484 | 0.02      | 0.016     | 0         | 55   | 53.3 | 61.5 | 158        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 3    | 22     | 17     | 1.572     | 0.059     | 2.484 | 0.02      | 0.016     | 0         | 55.5 | 54.2 | 61.9 | 159        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 3    | 32     | 17     | 1.578     | 0.052     | 2.484 | 0.02      | 0.016     | 0         | 55   | 53.3 | 61.9 | 159        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 3    | 42     | 17     | 1.572     | 0.043     | 2.484 | 0.016     | 0.016     | 0         | 55   | 52.9 | 62.4 | 158        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 3    | 52     | 17     | 1.558     | 0.02      | 2.484 | 0.016     | 0.016     | 0         | 55.5 | 54.2 | 61.1 | 159        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 4    | 2      | 17     | 1.588     | 0.043     | 2.484 | 0.02      | 0.016     | 0         | 55   | 54.2 | 61.9 | 159        | 155        | 0          | 31     | 29     |
| 2009 | 6     | 15  | 4    | 12     | 17     | 1.545     | 0.007     | 2.484 | 0.026     | 0.023     | 0         | 55.5 | 54.2 | 61.1 | 159        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 4    | 22     | 17     | 1.591     | 0.033     | 2.484 | 0.02      | 0.016     | 0         | 55.5 | 53.8 | 60.6 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 4    | 32     | 17     | 1.48      | 0.026     | 2.484 | 0.016     | 0.016     | 0         | 55   | 53.8 | 61.1 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 4    | 42     | 17     | 1.591     | 0.01      | 2.484 | 0.02      | 0.016     | 0         | 55.5 | 54.2 | 61.1 | 159        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 4    | 52     | 17     | 1.578     | 0.043     | 2.484 | 0.016     | 0.013     | 0         | 55   | 53.8 | 62.8 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 5    | 2      | 17     | 1.568     | 0.066     | 2.48  | 0.02      | 0.016     | 0         | 55.5 | 53.8 | 60.6 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 5    | 12     | 17     | 1.578     | 0.039     | 2.48  | 0.02      | 0.016     | 0         | 55   | 54.6 | 61.9 | 159        | 156        | 0          | 31     | 29     |
| 2009 | 6     | 15  | 5    | 22     | 17     | 1.588     | 0.02      | 2.48  | 0.02      | 0.016     | 0         | 55.5 | 54.6 | 59.3 | 160        | 156        | 0          | 31     | 29     |
| 2009 | 6     | 15  | 5    | 32     | 17     | 1.585     | 0.036     | 2.48  | 0.016     | 0.016     | 0         | 55.9 | 54.6 | 61.1 | 160        | 156        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 5    | 42     | 17     | 1.591     | 0.026     | 2.48  | 0.016     | 0.016     | 0         | 55.5 | 54.6 | 61.9 | 160        | 156        | 0          | 31     | 29     |
| 2009 | 6     | 15  | 5    | 52     | 17     | 1.565     | 0.026     | 2.48  | 0.02      | 0.016     | 0         | 55.9 | 54.2 | 61.1 | 160        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 6    | 2      | 17     | 1.588     | 0.03      | 2.48  | 0.02      | 0.016     | 0         | 55.5 | 54.6 | 61.9 | 160        | 156        | 0          | 31     | 29     |
| 2009 | 6     | 15  | 6    | 12     | 17     | 1.549     | 0.098     | 2.48  | 0.02      | 0.016     | 0         | 55.5 | 54.2 | 62.8 | 159        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 6    | 22     | 17     | 1.617     | 0.056     | 2.48  | 0.02      | 0.016     | 0         | 55.5 | 53.8 | 59.8 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 6    | 32     | 17     | 1.601     | 0.016     | 2.48  | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 60.6 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 6    | 42     | 17     | 1.575     | 0.033     | 2.48  | 0.016     | 0.016     | 0         | 55.5 | 53.8 | 61.5 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 6    | 52     | 17     | 1.581     | 0.033     | 2.48  | 0.016     | 0.013     | 0         | 55   | 53.3 | 61.1 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 7    | 2      | 17     | 1.555     | 0.023     | 2.48  | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 61.1 | 158        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 15  | 7    | 12     | 17     | 1.604     | 0.056     | 2.48  | 0.02      | 0.016     | 0         | 55   | 53.3 | 61.5 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 7    | 22     | 17     | 1.591     | 0.056     | 2.477 | 0.02      | 0.016     | 0         | 55   | 53.8 | 61.5 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 7    | 32     | 17     | 1.529     | 0.026     | 2.477 | 0.016     | 0.013     | 0         | 55   | 53.8 | 61.9 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 7    | 42     | 17     | 1.591     | -0.01     | 2.477 | 0.016     | 0.016     | 0         | 55   | 53.8 | 62.8 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 7    | 52     | 17     | 1.542     | 0.026     | 2.477 | 0.02      | 0.016     | 0         | 55   | 53.8 | 61.1 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 8    | 2      | 17     | 1.526     | 0.036     | 2.477 | 0.023     | 0.02      | 0         | 55   | 53.8 | 62.4 | 158        | 155        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 15  | 8    | 12     | 17     | 1.549     | 0.036     | 2.477 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 61.5 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 8    | 22     | 17     | 1.516     | 0.069     | 2.477 | 0.02      | 0.016     | 0         | 55   | 53.8 | 62.8 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 8    | 32     | 17     | 1.581     | 0.056     | 2.477 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.1 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 8    | 42     | 17     | 1.575     | 0.036     | 2.477 | 0.02      | 0.016     | 0         | 55   | 53.8 | 61.1 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 8    | 52     | 17     | 1.558     | 0.052     | 2.477 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.5 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 9    | 2      | 17     | 1.601     | 0.036     | 2.477 | 0.023     | 0.02      | 0         | 54.6 | 53.8 | 61.9 | 157        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 9    | 12     | 17     | 1.588     | 0.043     | 2.477 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 62.4 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 9    | 22     | 17     | 1.591     | 0.046     | 2.477 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 62.4 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 9    | 32     | 17     | 1.562     | 0.043     | 2.477 | 0.016     | 0.016     | 0         | 54.6 | 54.2 | 62.4 | 158        | 155        | 0          | 31     | 29     |
| 2009 | 6     | 15  | 9    | 42     | 17     | 1.565     | -0.01     | 2.477 | 0.02      | 0.016     | 0         | 55   | 53.3 | 61.9 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 9    | 52     | 17     | 1.575     | 0.043     | 2.477 | 0.02      | 0.016     | 0         | 55   | 53.3 | 62.8 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 10   | 2      | 17     | 1.555     | 0.01      | 2.477 | 0.02      | 0.016     | 0         | 55   | 53.3 | 61.1 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 10   | 12     | 17     | 1.539     | 0.079     | 2.477 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 62.8 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 10   | 22     | 17     | 1.552     | 0.023     | 2.477 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.1 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 10   | 32     | 17     | 1.624     | 0.033     | 2.477 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 61.5 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 10   | 42     | 17     | 1.617     | 0.023     | 2.477 | 0.02      | 0.016     | 0         | 55   | 53.8 | 62.4 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 10   | 52     | 17     | 1.562     | 0.013     | 2.477 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 60.6 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 11   | 2      | 17     | 1.614     | 0.016     | 2.477 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.9 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 11   | 12     | 17     | 1.624     | 0.03      | 2.477 | 0.016     | 0.013     | 0         | 54.2 | 53.3 | 61.9 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 11   | 22     | 17     | 1.549     | 0.062     | 2.477 | 0.026     | 0.026     | 0         | 55   | 53.3 | 63.6 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 11   | 32     | 17     | 1.585     | 0.069     | 2.477 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 61.9 | 157        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 11   | 42     | 17     | 1.614     | 0.046     | 2.477 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 62.8 | 157        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 11   | 52     | 17     | 1.591     | 0.003     | 2.477 | 0.016     | 0.016     | 0         | 55   | 53.3 | 61.9 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 12   | 2      | 17     | 1.588     | 0.003     | 2.477 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 62.4 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 12   | 12     | 17     | 1.585     | 0         | 2.477 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 61.9 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 12   | 22     | 17     | 1.575     | -0.01     | 2.477 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 62.4 | 157        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 12   | 32     | 17     | 1.591     | 0.02      | 2.477 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 61.9 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 12   | 42     | 17     | 1.555     | 0.039     | 2.477 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 61.9 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 12   | 52     | 17     | 1.601     | -0.007    | 2.477 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 61.5 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 13   | 2      | 17     | 1.585     | 0.02      | 2.477 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 61.5 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 13   | 12     | 17     | 1.562     | 0         | 2.477 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 61.9 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 13   | 22     | 17     | 1.611     | 0.036     | 2.48  | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 61.1 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 13   | 32     | 17     | 1.526     | 0.059     | 2.48  | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 62.4 | 157        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 13   | 42     | 17     | 1.558     | 0.056     | 2.48  | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 62.8 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 13   | 52     | 17     | 1.568     | 0.046     | 2.48  | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 62.4 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 14   | 2      | 17     | 1.588     | 0.003     | 2.48  | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 61.5 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 14   | 12     | 17     | 1.594     | 0.01      | 2.48  | 0.016     | 0.013     | 0         | 54.6 | 52.9 | 62.4 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 14   | 22     | 17     | 1.631     | 0         | 2.48  | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 61.5 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 14   | 32     | 17     | 1.578     | 0.039     | 2.48  | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 62.8 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 14   | 42     | 17     | 1.552     | 0.049     | 2.48  | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 62.8 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 14   | 52     | 17     | 1.578     | 0.056     | 2.48  | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 62.8 | 157        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 15   | 2      | 17     | 1.604     | 0.046     | 2.48  | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 62.8 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 15   | 12     | 17     | 1.568     | 0.066     | 2.48  | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 62.4 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 15   | 22     | 17     | 1.594     | 0.046     | 2.48  | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 61.1 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 15   | 32     | 17     | 1.552     | 0.013     | 2.48  | 0.016     | 0.016     | 0         | 55   | 53.3 | 61.5 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 15   | 42     | 17     | 1.509     | 0.049     | 2.48  | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.9 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 15   | 52     | 17     | 1.572     | 0.075     | 2.48  | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.5 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 16   | 2      | 17     | 1.552     | 0.049     | 2.48  | 0.016     | 0.013     | 0         | 55   | 53.8 | 60.2 | 158        | 155        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 15  | 16   | 12     | 17     | 1.575     | -0.052    | 2.48  | 0.02      | 0.016     | 0         | 55   | 53.8 | 59.8 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 16   | 22     | 17     | 1.572     | 0.033     | 2.48  | 0.02      | 0.016     | 0         | 55   | 53.3 | 60.2 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 16   | 32     | 17     | 1.604     | 0.059     | 2.48  | 0.02      | 0.016     | 0         | 55   | 53.3 | 59.8 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 16   | 42     | 17     | 1.608     | 0.033     | 2.48  | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 60.2 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 16   | 52     | 17     | 1.585     | 0.01      | 2.48  | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 59.8 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 17   | 2      | 17     | 1.562     | 0.026     | 2.48  | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 61.5 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 17   | 12     | 17     | 1.565     | 0.069     | 2.48  | 0.016     | 0.013     | 0         | 53.8 | 52.9 | 62.4 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 17   | 22     | 17     | 1.568     | 0.056     | 2.484 | 0.016     | 0.013     | 0         | 53.8 | 53.3 | 61.9 | 156        | 153        | 0          | 31     | 29     |
| 2009 | 6     | 15  | 17   | 32     | 17     | 1.572     | 0.056     | 2.48  | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 61.5 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 17   | 42     | 17     | 1.585     | 0.033     | 2.48  | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 61.9 | 156        | 153        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 17   | 52     | 17     | 1.558     | 0.046     | 2.484 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 60.6 | 156        | 152        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 18   | 2      | 17     | 1.512     | 0.056     | 2.484 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 61.9 | 157        | 153        | 0          | 31     | 29     |
| 2009 | 6     | 15  | 18   | 12     | 17     | 1.611     | 0.066     | 2.484 | 0.016     | 0.016     | 0         | 54.2 | 53.8 | 62.4 | 157        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 15  | 18   | 22     | 17     | 1.565     | 0.039     | 2.484 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 60.6 | 157        | 153        | 0          | 31     | 29     |
| 2009 | 6     | 15  | 18   | 32     | 17     | 1.581     | 0.033     | 2.484 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 62.4 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 18   | 42     | 17     | 1.601     | 0.069     | 2.484 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 61.5 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 18   | 52     | 17     | 1.585     | 0.079     | 2.484 | 0.02      | 0.016     | 0         | 55   | 53.8 | 61.5 | 158        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 19   | 2      | 17     | 1.588     | 0.02      | 2.484 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 62.4 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 19   | 12     | 17     | 1.598     | 0.023     | 2.484 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 61.1 | 157        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 19   | 22     | 17     | 1.562     | 0.01      | 2.484 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 61.9 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 19   | 32     | 17     | 1.601     | 0.046     | 2.484 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 60.6 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 19   | 42     | 17     | 1.522     | 0.013     | 2.484 | 0.016     | 0.016     | 0         | 55.5 | 54.2 | 60.6 | 159        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 19   | 52     | 17     | 1.562     | 0.052     | 2.484 | 0.02      | 0.016     | 0         | 55.9 | 55   | 58.9 | 160        | 157        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 20   | 2      | 17     | 1.572     | 0.052     | 2.487 | 0.02      | 0.016     | 0         | 55.9 | 54.6 | 59.8 | 160        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 20   | 12     | 17     | 1.601     | 0.007     | 2.487 | 0.016     | 0.016     | 0         | 56.3 | 55.5 | 58   | 162        | 158        | 0          | 31     | 29     |
| 2009 | 6     | 15  | 20   | 22     | 17     | 1.542     | 0.075     | 2.484 | 0.02      | 0.016     | 0         | 57.2 | 55.9 | 58.9 | 164        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 20   | 32     | 17     | 1.516     | 0.059     | 2.484 | 0.016     | 0.013     | 0         | 58.5 | 56.8 | 58   | 166        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 20   | 42     | 17     | 1.558     | 0.03      | 2.487 | 0.016     | 0.016     | 0         | 58   | 56.8 | 58   | 166        | 162        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 20   | 52     | 17     | 1.588     | 0.02      | 2.487 | 0.016     | 0.016     | 0         | 57.6 | 56.3 | 56.8 | 165        | 161        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 21   | 2      | 17     | 1.568     | 0.023     | 2.487 | 0.016     | 0.013     | 0         | 57.2 | 56.3 | 58   | 163        | 160        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 21   | 12     | 17     | 1.555     | 0.036     | 2.487 | 0.02      | 0.016     | 0         | 57.2 | 55.9 | 58.5 | 163        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 21   | 22     | 17     | 1.611     | 0.01      | 2.487 | 0.02      | 0.016     | 0         | 56.3 | 55.5 | 57.6 | 162        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 21   | 32     | 17     | 1.516     | 0.033     | 2.487 | 0.02      | 0.016     | 0         | 56.8 | 55   | 59.3 | 162        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 21   | 42     | 17     | 1.624     | 0.003     | 2.487 | 0.016     | 0.016     | 0         | 55.9 | 54.6 | 59.3 | 161        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 21   | 52     | 17     | 1.611     | 0.043     | 2.487 | 0.02      | 0.016     | 0         | 55.5 | 54.2 | 58   | 160        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 22   | 2      | 17     | 1.552     | 0.049     | 2.487 | 0.016     | 0.016     | 0         | 55.9 | 54.2 | 58.9 | 160        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 22   | 12     | 17     | 1.588     | 0.066     | 2.487 | 0.02      | 0.016     | 0         | 55.9 | 55   | 59.3 | 160        | 157        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 22   | 22     | 17     | 1.581     | 0.052     | 2.487 | 0.02      | 0.016     | 0         | 55.9 | 54.2 | 59.8 | 160        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 22   | 32     | 17     | 1.535     | 0.089     | 2.487 | 0.016     | 0.016     | 0         | 55   | 54.2 | 60.2 | 159        | 155        | 0          | 31     | 29     |
| 2009 | 6     | 15  | 22   | 42     | 17     | 1.562     | 0.039     | 2.487 | 0.016     | 0.016     | 0         | 55   | 53.8 | 59.3 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 22   | 52     | 17     | 1.568     | 0.02      | 2.487 | 0.02      | 0.016     | 0         | 55   | 53.8 | 59.8 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 23   | 2      | 17     | 1.535     | 0.079     | 2.487 | 0.02      | 0.016     | 0         | 55   | 53.8 | 58.9 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 23   | 12     | 17     | 1.594     | 0.046     | 2.487 | 0.016     | 0.013     | 0         | 54.6 | 53.8 | 59.3 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 23   | 22     | 17     | 1.565     | 0.089     | 2.487 | 0.02      | 0.016     | 0         | 55   | 53.3 | 58.9 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 23   | 32     | 17     | 1.555     | 0.046     | 2.487 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 59.8 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 23   | 42     | 17     | 1.608     | 0.069     | 2.487 | 0.016     | 0.016     | 0         | 55   | 53.8 | 60.2 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 23   | 52     | 17     | 1.542     | 0.023     | 2.487 | 0.023     | 0.023     | 0         | 55.5 | 54.2 | 59.3 | 159        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 16  | 0    | 2      | 17     | 1.598     | 0.039     | 2.484 | 0.016     | 0.016     | 0         | 55   | 53.3 | 60.6 | 158        | 154        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 16  | 0    | 12     | 17     | 1.575     | 0.033     | 2.484 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 60.2 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 0    | 22     | 17     | 1.575     | 0.056     | 2.484 | 0.016     | 0.016     | 0         | 55   | 53.3 | 59.3 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 0    | 32     | 17     | 1.64      | 0.043     | 2.484 | 0.02      | 0.016     | 0         | 54.2 | 53.8 | 60.6 | 157        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 16  | 0    | 42     | 17     | 1.558     | 0.036     | 2.484 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 61.5 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 0    | 52     | 17     | 1.509     | 0.043     | 2.484 | 0.02      | 0.016     | 0         | 55   | 53.8 | 60.6 | 158        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 16  | 1    | 2      | 17     | 1.542     | 0.033     | 2.484 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 60.6 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 1    | 12     | 17     | 1.552     | 0.092     | 2.484 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 61.1 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 1    | 22     | 17     | 1.545     | 0.039     | 2.484 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 60.6 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 1    | 32     | 17     | 1.572     | 0.046     | 2.484 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.1 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 1    | 42     | 17     | 1.572     | 0.049     | 2.484 | 0.016     | 0.016     | 0         | 55   | 53.8 | 59.3 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 1    | 52     | 17     | 1.509     | 0.075     | 2.484 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 61.5 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 2    | 2      | 17     | 1.516     | 0.046     | 2.484 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 59.3 | 158        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 16  | 2    | 12     | 17     | 1.542     | 0.046     | 2.484 | 0.02      | 0.016     | 0         | 55   | 53.8 | 59.8 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 2    | 22     | 17     | 1.532     | 0.016     | 2.484 | 0.02      | 0.016     | 0         | 55   | 54.2 | 59.3 | 159        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 2    | 32     | 17     | 1.572     | 0.02      | 2.484 | 0.02      | 0.016     | 0         | 55.5 | 54.2 | 60.2 | 159        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 2    | 42     | 17     | 1.598     | 0.056     | 2.484 | 0.02      | 0.016     | 0         | 55.5 | 53.8 | 59.3 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 2    | 52     | 17     | 1.558     | 0.046     | 2.484 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 60.6 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 3    | 2      | 17     | 1.555     | 0.066     | 2.484 | 0.016     | 0.016     | 0         | 55   | 53.8 | 59.3 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 3    | 12     | 17     | 1.562     | 0.023     | 2.484 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 59.8 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 3    | 22     | 17     | 1.591     | 0.033     | 2.48  | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 60.2 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 3    | 32     | 17     | 1.568     | 0.062     | 2.48  | 0.02      | 0.016     | 0         | 55   | 54.2 | 60.2 | 158        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 16  | 3    | 42     | 17     | 1.552     | 0.033     | 2.484 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 60.6 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 3    | 52     | 17     | 1.578     | 0.026     | 2.484 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 60.2 | 158        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 4    | 2      | 17     | 1.562     | 0.03      | 2.484 | 0.016     | 0.016     | 0         | 55   | 53.8 | 61.1 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 4    | 12     | 17     | 1.558     | 0.062     | 2.48  | 0.016     | 0.016     | 0         | 55   | 53.8 | 58.9 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 4    | 22     | 17     | 1.631     | 0         | 2.484 | 0.016     | 0.016     | 0         | 55   | 54.6 | 59.3 | 159        | 156        | 0          | 31     | 29     |
| 2009 | 6     | 16  | 4    | 32     | 17     | 1.585     | 0.043     | 2.484 | 0.02      | 0.016     | 0         | 55   | 53.8 | 58.5 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 4    | 42     | 17     | 1.552     | 0.052     | 2.484 | 0.02      | 0.016     | 0         | 55   | 54.2 | 60.2 | 159        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 4    | 52     | 17     | 1.549     | 0.069     | 2.484 | 0.016     | 0.016     | 0         | 55   | 53.8 | 59.8 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 5    | 2      | 17     | 1.555     | 0.013     | 2.484 | 0.02      | 0.016     | 0         | 55.5 | 53.8 | 58.9 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 5    | 12     | 17     | 1.581     | 0.066     | 2.484 | 0.02      | 0.016     | 0         | 55.5 | 54.2 | 58.9 | 160        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 5    | 22     | 17     | 1.535     | 0.105     | 2.487 | 0.02      | 0.016     | 0         | 55.5 | 54.2 | 58   | 160        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 5    | 32     | 17     | 1.578     | 0.036     | 2.487 | 0.02      | 0.016     | 0         | 55.9 | 55   | 58.9 | 161        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 5    | 42     | 17     | 1.542     | 0.056     | 2.49  | 0.02      | 0.016     | 0         | 55.9 | 55   | 58.5 | 161        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 5    | 52     | 17     | 1.611     | 0.023     | 2.493 | 0.016     | 0.016     | 0         | 56.8 | 55   | 58   | 162        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 6    | 2      | 17     | 1.539     | 0.033     | 2.493 | 0.016     | 0.016     | 0         | 56.3 | 55   | 58   | 161        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 6    | 12     | 17     | 1.565     | 0.062     | 2.497 | 0.023     | 0.023     | 0         | 55.9 | 55   | 58.9 | 161        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 6    | 22     | 17     | 1.588     | 0.039     | 2.497 | 0.02      | 0.016     | 0         | 55.5 | 54.6 | 58   | 160        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 6    | 32     | 17     | 1.529     | 0.036     | 2.497 | 0.02      | 0.016     | 0         | 55   | 54.2 | 59.3 | 159        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 6    | 42     | 17     | 1.509     | 0.052     | 2.497 | 0.016     | 0.016     | 0         | 55   | 54.6 | 59.8 | 159        | 156        | 0          | 31     | 29     |
| 2009 | 6     | 16  | 6    | 52     | 17     | 1.624     | 0.03      | 2.497 | 0.02      | 0.016     | 0         | 55   | 53.8 | 58.5 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 7    | 2      | 17     | 1.578     | 0.069     | 2.5   | 0.02      | 0.016     | 0         | 55.5 | 53.8 | 59.3 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 7    | 12     | 17     | 1.506     | 0.066     | 2.5   | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 60.6 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 7    | 22     | 17     | 1.598     | 0.02      | 2.5   | 0.016     | 0.013     | 0         | 54.2 | 53.3 | 58.9 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 7    | 32     | 17     | 1.542     | 0.039     | 2.5   | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 59.8 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 7    | 42     | 17     | 1.601     | 0         | 2.5   | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 59.3 | 158        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 7    | 52     | 17     | 1.585     | 0.056     | 2.5   | 0.026     | 0.023     | 0         | 54.2 | 53.3 | 60.2 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 8    | 2      | 17     | 1.608     | 0.036     | 2.5   | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 59.3 | 157        | 154        | 0          | 31     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 16  | 8    | 12     | 17     | 1.562     | 0.03      | 2.503 | 0.023     | 0.02      | 0         | 54.2 | 53.3 | 60.2 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 8    | 22     | 17     | 1.621     | 0.036     | 2.5   | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.5 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 8    | 32     | 17     | 1.568     | 0.023     | 2.5   | 0.02      | 0.016     | 0         | 53.8 | 53.3 | 61.1 | 157        | 154        | 0          | 32     | 30     |
| 2009 | 6     | 16  | 8    | 42     | 17     | 1.565     | 0.026     | 2.503 | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 61.9 | 157        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 8    | 52     | 17     | 1.631     | 0.036     | 2.503 | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 61.5 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 9    | 2      | 17     | 1.601     | 0.023     | 2.503 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 61.1 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 9    | 12     | 17     | 1.549     | 0.036     | 2.503 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 61.1 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 9    | 22     | 17     | 1.572     | 0.079     | 2.503 | 0.02      | 0.016     | 0         | 53.8 | 53.3 | 62.4 | 157        | 154        | 0          | 32     | 30     |
| 2009 | 6     | 16  | 9    | 32     | 17     | 1.591     | 0.007     | 2.503 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 61.5 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 9    | 42     | 17     | 1.572     | 0.026     | 2.503 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 61.5 | 156        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 9    | 52     | 17     | 1.565     | 0.043     | 2.503 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 62.4 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 10   | 2      | 17     | 1.617     | 0         | 2.503 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 60.2 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 10   | 12     | 17     | 1.532     | 0.066     | 2.507 | 0.016     | 0.016     | 0         | 53.3 | 52.9 | 61.9 | 156        | 153        | 0          | 32     | 30     |
| 2009 | 6     | 16  | 10   | 22     | 17     | 1.558     | 0.01      | 2.507 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 62.4 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 10   | 32     | 17     | 1.545     | 0.056     | 2.507 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 62.4 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 10   | 42     | 17     | 1.594     | 0.016     | 2.507 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 61.9 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 10   | 52     | 17     | 1.535     | 0.036     | 2.507 | 0.023     | 0.02      | 0         | 53.8 | 52.9 | 63.2 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 11   | 2      | 17     | 1.562     | 0.023     | 2.507 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 62.8 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 11   | 12     | 17     | 1.604     | 0.03      | 2.507 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 62.8 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 11   | 22     | 17     | 1.614     | -0.02     | 2.507 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 62.4 | 156        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 11   | 32     | 17     | 1.568     | 0.023     | 2.507 | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 61.9 | 156        | 153        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 11   | 42     | 17     | 1.545     | 0.069     | 2.507 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 61.9 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 11   | 52     | 17     | 1.555     | -0.016    | 2.51  | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 63.2 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 12   | 2      | 17     | 1.591     | 0.016     | 2.51  | 0.016     | 0.013     | 0         | 54.2 | 52   | 62.8 | 156        | 152        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 12   | 12     | 17     | 1.519     | 0.01      | 2.51  | 0.016     | 0.016     | 0         | 54.2 | 52.5 | 62.4 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 12   | 22     | 17     | 1.565     | 0.036     | 2.51  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 62.4 | 156        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 12   | 32     | 17     | 1.594     | 0.01      | 2.51  | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 62.8 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 12   | 42     | 17     | 1.585     | 0.016     | 2.51  | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 63.6 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 12   | 52     | 17     | 1.558     | 0.039     | 2.51  | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 62.8 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 13   | 2      | 17     | 1.588     | 0.01      | 2.51  | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 61.9 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 13   | 12     | 17     | 1.572     | 0.033     | 2.51  | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 62.8 | 156        | 152        | 0          | 31     | 29     |
| 2009 | 6     | 16  | 13   | 22     | 17     | 1.565     | 0.046     | 2.51  | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 63.2 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 13   | 32     | 17     | 1.594     | 0.02      | 2.51  | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 62.8 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 13   | 42     | 17     | 1.608     | 0.016     | 2.51  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 62.8 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 13   | 52     | 17     | 1.598     | 0.043     | 2.513 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 62.4 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 14   | 2      | 17     | 1.555     | -0.007    | 2.513 | 0.02      | 0.016     | 0         | 53.8 | 52   | 62.8 | 156        | 152        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 14   | 12     | 17     | 1.578     | 0.039     | 2.513 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 63.2 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 14   | 22     | 17     | 1.562     | 0.056     | 2.513 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 63.2 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 14   | 32     | 17     | 1.565     | 0.023     | 2.513 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 62.4 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 14   | 42     | 17     | 1.591     | 0.046     | 2.513 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 63.2 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 14   | 52     | 17     | 1.545     | 0.007     | 2.513 | 0.02      | 0.016     | 0         | 53.3 | 52   | 63.2 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 15   | 2      | 17     | 1.562     | 0.007     | 2.513 | 0.02      | 0.016     | 0         | 53.3 | 52   | 62.8 | 155        | 152        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 15   | 12     | 17     | 1.575     | 0.02      | 2.513 | 0.016     | 0.016     | 0         | 53.3 | 52.9 | 63.6 | 156        | 153        | 0          | 32     | 30     |
| 2009 | 6     | 16  | 15   | 22     | 17     | 1.522     | 0.085     | 2.513 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 63.6 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 15   | 32     | 17     | 1.578     | 0.033     | 2.513 | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 63.2 | 157        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 15   | 42     | 17     | 1.614     | 0.016     | 2.513 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 61.9 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 15   | 52     | 17     | 1.594     | 0.033     | 2.513 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 62.4 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 16   | 2      | 17     | 1.552     | 0.023     | 2.513 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 62.4 | 157        | 153        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 16  | 16   | 12     | 17     | 1.532     | 0.072     | 2.516 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 63.2 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 16   | 22     | 17     | 1.611     | -0.01     | 2.516 | 0.02      | 0.016     | 0         | 53.3 | 52   | 63.6 | 155        | 152        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 16   | 32     | 17     | 1.594     | 0.023     | 2.516 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 63.6 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 16   | 42     | 17     | 1.585     | 0.059     | 2.516 | 0.02      | 0.016     | 0         | 52.9 | 52.5 | 62.4 | 154        | 151        | 0          | 31     | 29     |
| 2009 | 6     | 16  | 16   | 52     | 17     | 1.598     | 0.043     | 2.516 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 62.4 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 17   | 2      | 17     | 1.575     | 0.033     | 2.516 | 0.016     | 0.016     | 0         | 53.3 | 52   | 62.8 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 17   | 12     | 17     | 1.591     | 0.03      | 2.516 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 63.2 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 17   | 22     | 17     | 1.545     | 0.023     | 2.516 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 63.2 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 17   | 32     | 17     | 1.601     | 0.023     | 2.516 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 61.9 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 17   | 42     | 17     | 1.608     | 0.03      | 2.516 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 62.4 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 17   | 52     | 17     | 1.542     | 0.056     | 2.516 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 63.2 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 18   | 2      | 17     | 1.572     | 0.069     | 2.516 | 0.023     | 0.02      | 0         | 53.8 | 52.9 | 62.4 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 18   | 12     | 17     | 1.572     | 0.03      | 2.516 | 0.023     | 0.02      | 0         | 53.3 | 52.5 | 62.4 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 18   | 22     | 17     | 1.627     | 0.02      | 2.516 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 61.9 | 155        | 151        | 0          | 31     | 29     |
| 2009 | 6     | 16  | 18   | 32     | 17     | 1.637     | 0.02      | 2.516 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 61.9 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 18   | 42     | 17     | 1.568     | 0.023     | 2.516 | 0.016     | 0.013     | 0         | 53.8 | 52.5 | 61.9 | 155        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 16  | 18   | 52     | 17     | 1.598     | 0.026     | 2.52  | 0.02      | 0.016     | 0         | 53.3 | 52.9 | 62.8 | 155        | 152        | 0          | 31     | 29     |
| 2009 | 6     | 16  | 19   | 2      | 17     | 1.578     | 0.052     | 2.52  | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 61.9 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 19   | 12     | 17     | 1.594     | 0.016     | 2.52  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 61.1 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 19   | 22     | 17     | 1.588     | 0.039     | 2.52  | 0.016     | 0.016     | 0         | 53.8 | 52   | 61.9 | 155        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 19   | 32     | 17     | 1.539     | 0.043     | 2.52  | 0.016     | 0.013     | 0         | 53.3 | 52   | 62.4 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 19   | 42     | 17     | 1.565     | 0.023     | 2.52  | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 62.8 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 19   | 52     | 17     | 1.552     | 0.066     | 2.52  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 62.8 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 20   | 2      | 17     | 1.578     | 0.033     | 2.52  | 0.02      | 0.016     | 0         | 53.3 | 52   | 62.8 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 20   | 12     | 17     | 1.572     | 0.013     | 2.52  | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 61.1 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 20   | 22     | 17     | 1.604     | -0.023    | 2.52  | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 61.5 | 156        | 152        | 0          | 30     | 29     |
| 2009 | 6     | 16  | 20   | 32     | 17     | 1.568     | 0.056     | 2.52  | 0.023     | 0.02      | 0         | 53.3 | 52   | 63.2 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 20   | 42     | 17     | 1.585     | 0.056     | 2.52  | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 62.4 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 20   | 52     | 17     | 1.588     | 0.056     | 2.52  | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 62.8 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 21   | 2      | 17     | 1.581     | 0.013     | 2.523 | 0.016     | 0.016     | 0         | 52.9 | 52.5 | 62.8 | 154        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 21   | 12     | 17     | 1.568     | 0.079     | 2.523 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 62.4 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 21   | 22     | 17     | 1.598     | 0         | 2.52  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 61.9 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 21   | 32     | 17     | 1.575     | 0.036     | 2.52  | 0.02      | 0.016     | 0         | 53.3 | 52   | 64.1 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 21   | 42     | 17     | 1.552     | 0.069     | 2.52  | 0.016     | 0.016     | 0         | 53.3 | 52   | 63.2 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 21   | 52     | 17     | 1.565     | 0         | 2.523 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 62.8 | 155        | 151        | 0          | 31     | 29     |
| 2009 | 6     | 16  | 22   | 2      | 17     | 1.585     | 0.043     | 2.523 | 0.016     | 0.016     | 0         | 53.3 | 52   | 62.8 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 22   | 12     | 17     | 1.558     | -0.003    | 2.523 | 0.02      | 0.016     | 0         | 53.3 | 52   | 61.9 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 22   | 22     | 17     | 1.604     | 0.003     | 2.523 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 61.9 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 22   | 32     | 17     | 1.575     | 0.016     | 2.523 | 0.016     | 0.016     | 0         | 53.8 | 52   | 63.2 | 155        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 22   | 42     | 17     | 1.572     | 0.026     | 2.523 | 0.016     | 0.016     | 0         | 53.8 | 52   | 62.8 | 155        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 22   | 52     | 17     | 1.572     | 0.01      | 2.523 | 0.02      | 0.016     | 0         | 53.8 | 52   | 62.8 | 155        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 23   | 2      | 17     | 1.578     | 0.043     | 2.523 | 0.016     | 0.016     | 0         | 53.3 | 52   | 62.8 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 23   | 12     | 17     | 1.568     | 0.033     | 2.523 | 0.02      | 0.016     | 0         | 53.8 | 52   | 62.8 | 155        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 23   | 22     | 17     | 1.598     | 0.043     | 2.52  | 0.02      | 0.016     | 0         | 53.8 | 52   | 61.5 | 155        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 23   | 32     | 17     | 1.532     | 0.03      | 2.52  | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 63.6 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 23   | 42     | 17     | 1.572     | 0.069     | 2.523 | 0.016     | 0.016     | 0         | 53.3 | 52   | 63.2 | 155        | 152        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 23   | 52     | 17     | 1.568     | 0.033     | 2.52  | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 61.5 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 0    | 2      | 17     | 1.601     | 0.043     | 2.523 | 0.016     | 0.013     | 0         | 53.3 | 52.5 | 61.9 | 155        | 152        | 0          | 31     | 30     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 17  | 0    | 12     | 17     | 1.604     | 0.01      | 2.52  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 61.1 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 0    | 22     | 17     | 1.535     | 0.059     | 2.52  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 63.2 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 0    | 32     | 17     | 1.594     | 0.02      | 2.52  | 0.016     | 0.013     | 0         | 53.8 | 52.5 | 61.5 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 0    | 42     | 17     | 1.549     | 0.046     | 2.52  | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 62.8 | 155        | 151        | 0          | 31     | 29     |
| 2009 | 6     | 17  | 0    | 52     | 17     | 1.617     | 0.03      | 2.52  | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 62.8 | 156        | 152        | 0          | 30     | 29     |
| 2009 | 6     | 17  | 1    | 2      | 17     | 1.568     | 0.03      | 2.52  | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 63.2 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 1    | 12     | 17     | 1.594     | 0.056     | 2.52  | 0.016     | 0.016     | 0         | 54.2 | 52.5 | 62.4 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 1    | 22     | 17     | 1.598     | 0.075     | 2.52  | 0.016     | 0.013     | 0         | 53.8 | 52.5 | 62.4 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 1    | 32     | 17     | 1.594     | 0.016     | 2.52  | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 61.1 | 156        | 152        | 0          | 30     | 29     |
| 2009 | 6     | 17  | 1    | 42     | 17     | 1.594     | 0.016     | 2.52  | 0.016     | 0.013     | 0         | 53.3 | 52.5 | 62.4 | 156        | 152        | 0          | 32     | 30     |
| 2009 | 6     | 17  | 1    | 52     | 17     | 1.594     | 0.039     | 2.52  | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 62.8 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 2    | 2      | 17     | 1.555     | 0.069     | 2.52  | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 63.2 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 2    | 12     | 17     | 1.578     | 0         | 2.516 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 63.2 | 156        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 17  | 2    | 22     | 17     | 1.545     | 0.049     | 2.516 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 61.9 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 2    | 32     | 17     | 1.608     | -0.007    | 2.516 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 62.4 | 156        | 152        | 0          | 31     | 29     |
| 2009 | 6     | 17  | 2    | 42     | 17     | 1.611     | 0.036     | 2.516 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 61.5 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 2    | 52     | 17     | 1.598     | -0.013    | 2.516 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 62.8 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 3    | 2      | 17     | 1.565     | 0.079     | 2.516 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 62.8 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 3    | 12     | 17     | 1.562     | 0.066     | 2.516 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 62.4 | 156        | 152        | 0          | 30     | 29     |
| 2009 | 6     | 17  | 3    | 22     | 17     | 1.575     | 0.043     | 2.516 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 61.1 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 3    | 32     | 17     | 1.581     | 0.013     | 2.516 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 62.8 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 3    | 42     | 17     | 1.532     | 0.023     | 2.516 | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 63.6 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 3    | 52     | 17     | 1.617     | 0.013     | 2.516 | 0.016     | 0.016     | 0         | 54.6 | 52.5 | 62.4 | 157        | 153        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 4    | 2      | 17     | 1.578     | 0.089     | 2.513 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 63.6 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 4    | 12     | 17     | 1.572     | 0.049     | 2.513 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 62.8 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 4    | 22     | 17     | 1.585     | 0.036     | 2.513 | 0.016     | 0.013     | 0         | 54.2 | 52.9 | 62.4 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 4    | 32     | 17     | 1.598     | 0.02      | 2.513 | 0.02      | 0.016     | 0         | 54.2 | 53.8 | 62.8 | 157        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 17  | 4    | 42     | 17     | 1.604     | 0.016     | 2.513 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 60.6 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 4    | 52     | 17     | 1.572     | 0.049     | 2.513 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 61.9 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 5    | 2      | 17     | 1.578     | 0.069     | 2.513 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 61.5 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 5    | 12     | 17     | 1.585     | 0.079     | 2.513 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 61.9 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 5    | 22     | 17     | 1.585     | 0.069     | 2.513 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.9 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 5    | 32     | 17     | 1.535     | 0.072     | 2.513 | 0.02      | 0.016     | 0         | 55   | 53.3 | 61.9 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 5    | 42     | 17     | 1.549     | 0.007     | 2.51  | 0.02      | 0.016     | 0         | 55   | 53.3 | 61.1 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 5    | 52     | 17     | 1.581     | 0.033     | 2.51  | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 61.9 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 6    | 2      | 17     | 1.535     | 0.01      | 2.51  | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 62.4 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 6    | 12     | 17     | 1.588     | 0.023     | 2.51  | 0.02      | 0.016     | 0         | 55   | 53.3 | 60.6 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 6    | 22     | 17     | 1.578     | 0.016     | 2.51  | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 61.5 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 6    | 32     | 17     | 1.631     | 0.01      | 2.51  | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 61.9 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 6    | 42     | 17     | 1.614     | -0.003    | 2.51  | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 61.5 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 6    | 52     | 17     | 1.601     | 0.036     | 2.51  | 0.023     | 0.02      | 0         | 54.2 | 52.9 | 61.9 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 7    | 2      | 17     | 1.591     | 0.033     | 2.51  | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 61.9 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 7    | 12     | 17     | 1.568     | 0.033     | 2.51  | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 62.8 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 7    | 22     | 17     | 1.555     | -0.007    | 2.51  | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 62.4 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 7    | 32     | 17     | 1.598     | 0.056     | 2.51  | 0.016     | 0.013     | 0         | 53.8 | 52.9 | 62.8 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 7    | 42     | 17     | 1.568     | 0.01      | 2.51  | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 62.8 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 7    | 52     | 17     | 1.562     | 0.03      | 2.51  | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 62.8 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 8    | 2      | 17     | 1.565     | 0.043     | 2.51  | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 61.5 | 156        | 152        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 17  | 8    | 12     | 17     | 1.532     | 0.013     | 2.51  | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 62.8 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 8    | 22     | 17     | 1.529     | 0.072     | 2.51  | 0.023     | 0.02      | 0         | 53.3 | 53.3 | 63.6 | 156        | 153        | 0          | 32     | 29     |
| 2009 | 6     | 17  | 8    | 32     | 17     | 1.594     | 0.01      | 2.51  | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 61.9 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 8    | 42     | 17     | 1.539     | 0.03      | 2.51  | 0.016     | 0.016     | 0         | 54.6 | 52.5 | 62.4 | 157        | 153        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 8    | 52     | 17     | 1.608     | 0.056     | 2.51  | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 62.8 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 9    | 2      | 17     | 1.526     | 0.095     | 2.51  | 0.026     | 0.023     | 0         | 54.2 | 52.9 | 63.2 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 9    | 12     | 17     | 1.542     | 0.049     | 2.51  | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.5 | 158        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 9    | 22     | 17     | 1.562     | 0.026     | 2.51  | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 61.9 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 9    | 32     | 17     | 1.598     | 0.02      | 2.51  | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.9 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 9    | 42     | 17     | 1.565     | -0.01     | 2.51  | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 62.4 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 9    | 52     | 17     | 1.598     | 0.02      | 2.51  | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 62.4 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 10   | 2      | 17     | 1.611     | 0.016     | 2.51  | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 62.4 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 10   | 12     | 17     | 1.568     | 0.013     | 2.51  | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 61.9 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 10   | 22     | 17     | 1.617     | 0.036     | 2.51  | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 62.8 | 157        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 10   | 32     | 17     | 1.585     | 0.023     | 2.51  | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 61.9 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 10   | 42     | 17     | 1.578     | 0.046     | 2.51  | 0.016     | 0.016     | 0         | 54.2 | 52.5 | 63.6 | 157        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 10   | 52     | 17     | 1.594     | 0.007     | 2.51  | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 62.8 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 11   | 2      | 17     | 1.601     | 0.007     | 2.51  | 0.02      | 0.016     | 0         | 53.3 | 53.3 | 62.4 | 156        | 153        | 0          | 32     | 29     |
| 2009 | 6     | 17  | 11   | 12     | 17     | 1.588     | 0         | 2.51  | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 62.8 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 11   | 22     | 17     | 1.617     | 0         | 2.51  | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 63.2 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 11   | 32     | 17     | 1.604     | 0.033     | 2.51  | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 62.4 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 11   | 42     | 17     | 1.572     | 0.039     | 2.51  | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 61.9 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 11   | 52     | 17     | 1.598     | 0.033     | 2.51  | 0.02      | 0.016     | 0         | 53.8 | 52   | 62.8 | 156        | 152        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 12   | 2      | 17     | 1.549     | 0.03      | 2.51  | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 62.8 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 12   | 12     | 17     | 1.601     | 0.052     | 2.51  | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 63.2 | 156        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 12   | 22     | 17     | 1.562     | 0.046     | 2.51  | 0.016     | 0.016     | 0         | 53.8 | 52   | 62.8 | 156        | 152        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 12   | 32     | 17     | 1.526     | 0.023     | 2.51  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 63.2 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 12   | 42     | 17     | 1.611     | 0.023     | 2.51  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 62.4 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 12   | 52     | 17     | 1.598     | 0.007     | 2.51  | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 63.2 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 13   | 2      | 17     | 1.568     | -0.013    | 2.51  | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 63.2 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 13   | 12     | 17     | 1.535     | 0.033     | 2.51  | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 62.8 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 13   | 22     | 17     | 1.558     | 0.066     | 2.51  | 0.016     | 0.013     | 0         | 53.3 | 52.5 | 63.2 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 13   | 32     | 17     | 1.575     | 0.095     | 2.51  | 0.02      | 0.016     | 0         | 52.9 | 52.5 | 63.6 | 155        | 152        | 0          | 32     | 30     |
| 2009 | 6     | 17  | 13   | 42     | 17     | 1.601     | 0         | 2.51  | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 61.1 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 13   | 52     | 17     | 1.604     | 0.043     | 2.51  | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 64.1 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 14   | 2      | 17     | 1.594     | 0.003     | 2.513 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 63.6 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 14   | 12     | 17     | 1.549     | 0.039     | 2.513 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 62.4 | 156        | 152        | 0          | 31     | 29     |
| 2009 | 6     | 17  | 14   | 22     | 17     | 1.558     | -0.01     | 2.513 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 61.9 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 14   | 32     | 17     | 1.601     | 0.039     | 2.513 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 62.8 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 14   | 42     | 17     | 1.549     | 0.056     | 2.513 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 64.5 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 14   | 52     | 17     | 1.529     | 0.03      | 2.513 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 63.6 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 15   | 2      | 17     | 1.562     | 0.023     | 2.513 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 62.4 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 15   | 12     | 17     | 1.558     | 0.069     | 2.513 | 0.016     | 0.016     | 0         | 53.3 | 51.6 | 64.1 | 155        | 151        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 15   | 22     | 17     | 1.572     | 0.01      | 2.513 | 0.02      | 0.016     | 0         | 52.9 | 52   | 62.8 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 15   | 32     | 17     | 1.624     | 0.02      | 2.513 | 0.023     | 0.02      | 0         | 52.9 | 52   | 63.6 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 15   | 42     | 17     | 1.572     | 0.01      | 2.513 | 0.016     | 0.016     | 0         | 53.3 | 52   | 63.6 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 15   | 52     | 17     | 1.581     | 0.049     | 2.513 | 0.016     | 0.016     | 0         | 53.3 | 52   | 64.1 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 16   | 2      | 17     | 1.585     | 0.033     | 2.513 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 64.1 | 155        | 152        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 17  | 16   | 12     | 17     | 1.562     | 0.036     | 2.513 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 63.6 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 16   | 22     | 17     | 1.581     | 0.056     | 2.513 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 64.5 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 16   | 32     | 17     | 1.545     | 0.085     | 2.516 | 0.023     | 0.02      | 0         | 54.2 | 52.5 | 63.6 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 16   | 42     | 17     | 1.562     | 0.049     | 2.516 | 0.016     | 0.016     | 0         | 54.2 | 52.5 | 63.2 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 16   | 52     | 17     | 1.565     | 0.043     | 2.516 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 62.8 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 17   | 2      | 17     | 1.535     | 0.03      | 2.516 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 63.2 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 17   | 12     | 17     | 1.542     | 0.03      | 2.516 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 63.6 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 17   | 22     | 17     | 1.608     | 0.013     | 2.516 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 63.2 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 17   | 32     | 17     | 1.594     | 0.049     | 2.516 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 62.4 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 17   | 42     | 17     | 1.604     | 0.023     | 2.516 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 62.4 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 17   | 52     | 17     | 1.591     | -0.036    | 2.516 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 61.9 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 18   | 2      | 17     | 1.608     | 0.03      | 2.516 | 0.02      | 0.016     | 0         | 52.9 | 52.5 | 62.4 | 155        | 152        | 0          | 32     | 30     |
| 2009 | 6     | 17  | 18   | 12     | 17     | 1.621     | 0.01      | 2.516 | 0.02      | 0.016     | 0         | 53.3 | 52.9 | 61.9 | 155        | 152        | 0          | 31     | 29     |
| 2009 | 6     | 17  | 18   | 22     | 17     | 1.572     | 0.098     | 2.516 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 62.8 | 156        | 152        | 0          | 31     | 29     |
| 2009 | 6     | 17  | 18   | 32     | 17     | 1.627     | 0.046     | 2.516 | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 62.8 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 18   | 42     | 17     | 1.594     | 0.062     | 2.516 | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 63.2 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 18   | 52     | 17     | 1.617     | 0.007     | 2.516 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 62.4 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 19   | 2      | 17     | 1.549     | 0.03      | 2.516 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 64.1 | 156        | 152        | 0          | 30     | 29     |
| 2009 | 6     | 17  | 19   | 12     | 17     | 1.572     | 0.056     | 2.516 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 62.8 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 19   | 22     | 17     | 1.585     | 0         | 2.52  | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 62.8 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 19   | 32     | 17     | 1.637     | 0.01      | 2.52  | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 62.4 | 156        | 152        | 0          | 31     | 29     |
| 2009 | 6     | 17  | 19   | 42     | 17     | 1.621     | 0.026     | 2.52  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 62.8 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 19   | 52     | 17     | 1.578     | -0.01     | 2.52  | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 62.4 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 20   | 2      | 17     | 1.585     | 0.046     | 2.52  | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 63.2 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 20   | 12     | 17     | 1.614     | 0.02      | 2.52  | 0.016     | 0.013     | 0         | 53.8 | 53.3 | 61.9 | 156        | 153        | 0          | 31     | 29     |
| 2009 | 6     | 17  | 20   | 22     | 17     | 1.631     | 0.046     | 2.52  | 0.02      | 0.016     | 0         | 53.8 | 53.3 | 61.9 | 156        | 153        | 0          | 31     | 29     |
| 2009 | 6     | 17  | 20   | 32     | 17     | 1.601     | 0.079     | 2.52  | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 61.5 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 20   | 42     | 17     | 1.594     | 0.046     | 2.52  | 0.016     | 0.013     | 0         | 54.2 | 52.9 | 61.5 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 20   | 52     | 17     | 1.601     | 0.013     | 2.52  | 0.02      | 0.016     | 0         | 56.8 | 55.5 | 59.8 | 163        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 21   | 2      | 17     | 1.532     | 0.049     | 2.52  | 0.02      | 0.016     | 0         | 57.6 | 56.3 | 57.6 | 164        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 21   | 12     | 17     | 1.542     | 0.007     | 2.52  | 0.02      | 0.016     | 0         | 57.6 | 55.9 | 58.5 | 164        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 21   | 22     | 17     | 1.601     | -0.01     | 2.52  | 0.016     | 0.016     | 0         | 56.8 | 56.3 | 60.2 | 163        | 160        | 0          | 31     | 29     |
| 2009 | 6     | 17  | 21   | 32     | 17     | 1.591     | 0.049     | 2.52  | 0.02      | 0.016     | 0         | 56.8 | 55   | 60.6 | 162        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 21   | 42     | 17     | 1.578     | 0.01      | 2.52  | 0.016     | 0.016     | 0         | 55.5 | 54.2 | 60.2 | 160        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 21   | 52     | 17     | 1.562     | 0.036     | 2.52  | 0.016     | 0.016     | 0         | 55.5 | 53.8 | 60.6 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 22   | 2      | 17     | 1.585     | 0.046     | 2.52  | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 61.1 | 158        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 17  | 22   | 12     | 17     | 1.568     | 0.026     | 2.52  | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.5 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 22   | 22     | 17     | 1.581     | 0.01      | 2.52  | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 61.9 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 22   | 32     | 17     | 1.594     | 0.046     | 2.52  | 0.016     | 0.013     | 0         | 54.2 | 53.8 | 61.9 | 157        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 17  | 22   | 42     | 17     | 1.549     | 0.033     | 2.52  | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 62.4 | 157        | 153        | 0          | 31     | 29     |
| 2009 | 6     | 17  | 22   | 52     | 17     | 1.565     | 0.039     | 2.52  | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.5 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 23   | 2      | 17     | 1.591     | 0.056     | 2.52  | 0.016     | 0.013     | 0         | 54.6 | 53.8 | 61.5 | 158        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 17  | 23   | 12     | 17     | 1.578     | 0.052     | 2.52  | 0.016     | 0.013     | 0         | 55   | 53.3 | 60.6 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 23   | 22     | 17     | 1.568     | 0         | 2.52  | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 61.5 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 23   | 32     | 17     | 1.578     | 0.062     | 2.52  | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 61.9 | 157        | 153        | 0          | 31     | 29     |
| 2009 | 6     | 17  | 23   | 42     | 17     | 1.594     | 0         | 2.52  | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 61.5 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 23   | 52     | 17     | 1.608     | 0.023     | 2.52  | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 61.5 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 0    | 2      | 17     | 1.572     | 0.023     | 2.52  | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 61.9 | 157        | 153        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 18  | 0    | 12     | 17     | 1.657     | -0.003    | 2.52  | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 61.5 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 0    | 22     | 17     | 1.572     | 0.062     | 2.52  | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 60.6 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 0    | 32     | 17     | 1.542     | 0.052     | 2.52  | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 62.4 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 0    | 42     | 17     | 1.621     | 0.046     | 2.52  | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 61.9 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 0    | 52     | 17     | 1.565     | 0.066     | 2.516 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 61.9 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 1    | 2      | 17     | 1.621     | 0.003     | 2.516 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 62.4 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 1    | 12     | 17     | 1.585     | 0.039     | 2.52  | 0.016     | 0.016     | 0         | 55   | 53.8 | 61.9 | 158        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 1    | 22     | 17     | 1.621     | 0.059     | 2.516 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 59.8 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 1    | 32     | 17     | 1.588     | 0.036     | 2.516 | 0.023     | 0.02      | 0         | 54.2 | 53.8 | 61.1 | 157        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 18  | 1    | 42     | 17     | 1.601     | 0.023     | 2.516 | 0.023     | 0.023     | 0         | 54.2 | 53.3 | 60.6 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 1    | 52     | 17     | 1.578     | 0.046     | 2.516 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 61.5 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 2    | 2      | 17     | 1.594     | 0.046     | 2.516 | 0.02      | 0.016     | 0         | 55   | 53.3 | 60.6 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 2    | 12     | 17     | 1.581     | 0.026     | 2.516 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 61.1 | 158        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 18  | 2    | 22     | 17     | 1.545     | 0.056     | 2.516 | 0.02      | 0.016     | 0         | 55   | 53.3 | 61.9 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 2    | 32     | 17     | 1.604     | 0.079     | 2.516 | 0.016     | 0.016     | 0         | 55   | 53.3 | 61.1 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 2    | 42     | 17     | 1.555     | 0.039     | 2.513 | 0.016     | 0.016     | 0         | 55   | 53.8 | 61.1 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 2    | 52     | 17     | 1.578     | 0.039     | 2.513 | 0.016     | 0.016     | 0         | 55   | 53.8 | 61.1 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 3    | 2      | 17     | 1.585     | 0.01      | 2.513 | 0.02      | 0.016     | 0         | 55   | 54.2 | 60.6 | 159        | 155        | 0          | 31     | 29     |
| 2009 | 6     | 18  | 3    | 12     | 17     | 1.614     | 0         | 2.513 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 59.8 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 3    | 22     | 17     | 1.545     | 0.059     | 2.513 | 0.02      | 0.016     | 0         | 55.5 | 53.8 | 60.2 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 3    | 32     | 17     | 1.604     | 0.02      | 2.513 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 60.6 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 3    | 42     | 17     | 1.552     | 0.056     | 2.513 | 0.016     | 0.013     | 0         | 55   | 53.3 | 59.8 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 3    | 52     | 17     | 1.568     | -0.02     | 2.513 | 0.016     | 0.016     | 0         | 55   | 53.3 | 60.2 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 4    | 2      | 17     | 1.604     | 0.023     | 2.513 | 0.016     | 0.016     | 0         | 55   | 53.8 | 60.6 | 158        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 4    | 12     | 17     | 1.611     | 0.007     | 2.513 | 0.016     | 0.013     | 0         | 55   | 53.8 | 59.8 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 4    | 22     | 17     | 1.647     | 0.023     | 2.51  | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 59.8 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 4    | 32     | 17     | 1.572     | 0         | 2.513 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 58   | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 4    | 42     | 17     | 1.558     | 0         | 2.513 | 0.016     | 0.016     | 0         | 55.5 | 53.8 | 60.6 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 4    | 52     | 17     | 1.558     | 0.03      | 2.51  | 0.016     | 0.016     | 0         | 55.5 | 54.2 | 59.3 | 159        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 5    | 2      | 17     | 1.539     | 0.043     | 2.51  | 0.016     | 0.016     | 0         | 55   | 53.8 | 59.3 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 5    | 12     | 17     | 1.617     | 0         | 2.51  | 0.02      | 0.016     | 0         | 55.5 | 54.2 | 59.3 | 159        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 5    | 22     | 17     | 1.594     | 0.01      | 2.51  | 0.02      | 0.016     | 0         | 55   | 53.8 | 60.2 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 5    | 32     | 17     | 1.585     | 0         | 2.51  | 0.016     | 0.016     | 0         | 55.5 | 54.2 | 58   | 159        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 5    | 42     | 17     | 1.581     | 0.033     | 2.513 | 0.02      | 0.016     | 0         | 55   | 54.2 | 60.6 | 159        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 5    | 52     | 17     | 1.558     | 0.043     | 2.51  | 0.02      | 0.016     | 0         | 55.5 | 53.8 | 59.3 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 6    | 2      | 17     | 1.608     | -0.01     | 2.51  | 0.016     | 0.016     | 0         | 55   | 53.8 | 58.9 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 6    | 12     | 17     | 1.581     | 0.023     | 2.51  | 0.016     | 0.016     | 0         | 55   | 53.8 | 58.9 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 6    | 22     | 17     | 1.581     | 0.003     | 2.51  | 0.016     | 0.016     | 0         | 54.2 | 53.8 | 62.4 | 158        | 155        | 0          | 32     | 30     |
| 2009 | 6     | 18  | 6    | 32     | 17     | 1.568     | 0.046     | 2.51  | 0.02      | 0.016     | 0         | 55   | 53.8 | 61.5 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 6    | 42     | 17     | 1.575     | 0.033     | 2.51  | 0.016     | 0.013     | 0         | 54.6 | 53.3 | 59.3 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 6    | 52     | 17     | 1.594     | 0.062     | 2.51  | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 60.6 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 7    | 2      | 17     | 1.614     | 0.033     | 2.51  | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 60.6 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 7    | 12     | 17     | 1.578     | 0         | 2.51  | 0.016     | 0.013     | 0         | 54.6 | 53.3 | 61.1 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 7    | 22     | 17     | 1.594     | 0.056     | 2.51  | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 60.6 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 7    | 32     | 17     | 1.572     | 0.03      | 2.51  | 0.016     | 0.016     | 0         | 55   | 53.3 | 60.6 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 7    | 42     | 17     | 1.565     | -0.003    | 2.51  | 0.016     | 0.013     | 0         | 54.6 | 52.9 | 58.5 | 158        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 18  | 7    | 52     | 17     | 1.542     | 0.016     | 2.51  | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 60.2 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 8    | 2      | 17     | 1.575     | 0.069     | 2.51  | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 61.5 | 158        | 155        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 18  | 8    | 12     | 17     | 1.608     | 0.03      | 2.51  | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 60.2 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 8    | 22     | 17     | 1.572     | 0.023     | 2.51  | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 59.8 | 158        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 18  | 8    | 32     | 17     | 1.604     | -0.033    | 2.51  | 0.02      | 0.016     | 0         | 54.2 | 53.8 | 61.1 | 157        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 18  | 8    | 42     | 17     | 1.604     | 0.026     | 2.51  | 0.016     | 0.016     | 0         | 54.2 | 53.8 | 60.6 | 157        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 8    | 52     | 17     | 1.558     | 0.033     | 2.51  | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 61.5 | 157        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 9    | 2      | 17     | 1.598     | 0.02      | 2.51  | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 59.8 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 9    | 12     | 17     | 1.578     | 0.036     | 2.51  | 0.016     | 0.016     | 0         | 55   | 53.3 | 61.1 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 9    | 22     | 17     | 1.572     | 0.02      | 2.51  | 0.023     | 0.02      | 0         | 54.2 | 53.3 | 61.9 | 157        | 153        | 0          | 31     | 29     |
| 2009 | 6     | 18  | 9    | 32     | 17     | 1.572     | 0.046     | 2.51  | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 61.9 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 9    | 42     | 17     | 1.555     | 0.033     | 2.51  | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 61.5 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 9    | 52     | 17     | 1.581     | 0.003     | 2.51  | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 61.1 | 157        | 153        | 0          | 31     | 29     |
| 2009 | 6     | 18  | 10   | 2      | 17     | 1.627     | 0.03      | 2.51  | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 61.1 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 10   | 12     | 17     | 1.601     | 0         | 2.51  | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 60.6 | 157        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 18  | 10   | 22     | 17     | 1.598     | 0.033     | 2.51  | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 61.1 | 156        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 10   | 32     | 17     | 1.555     | 0.033     | 2.51  | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 61.5 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 10   | 42     | 17     | 1.565     | 0.023     | 2.51  | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 61.1 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 10   | 52     | 17     | 1.562     | -0.039    | 2.51  | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 61.5 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 11   | 2      | 17     | 1.545     | 0.049     | 2.51  | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 61.5 | 156        | 153        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 11   | 12     | 17     | 1.555     | 0.039     | 2.51  | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 61.9 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 11   | 22     | 17     | 1.558     | 0.01      | 2.51  | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 61.9 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 11   | 32     | 17     | 1.552     | 0.056     | 2.51  | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 61.5 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 11   | 42     | 17     | 1.617     | 0.01      | 2.51  | 0.016     | 0.013     | 0         | 53.3 | 52.5 | 62.4 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 11   | 52     | 17     | 1.608     | 0.03      | 2.51  | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 59.8 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 12   | 2      | 17     | 1.588     | 0.003     | 2.51  | 0.02      | 0.016     | 0         | 53.3 | 52.9 | 61.9 | 155        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 12   | 12     | 17     | 1.581     | 0.056     | 2.51  | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 60.6 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 12   | 22     | 17     | 1.588     | 0.023     | 2.51  | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 61.1 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 12   | 32     | 17     | 1.581     | 0.03      | 2.51  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 60.6 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 12   | 42     | 17     | 1.572     | 0.016     | 2.51  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 62.4 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 12   | 52     | 17     | 1.594     | 0.046     | 2.51  | 0.02      | 0.016     | 0         | 53.3 | 52   | 61.5 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 13   | 2      | 17     | 1.624     | 0.066     | 2.51  | 0.02      | 0.016     | 0         | 53.3 | 52   | 61.9 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 13   | 12     | 17     | 1.647     | 0.003     | 2.51  | 0.02      | 0.016     | 0         | 53.3 | 52   | 59.8 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 13   | 22     | 17     | 1.568     | -0.02     | 2.51  | 0.016     | 0.016     | 0         | 52.9 | 52   | 60.2 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 13   | 32     | 17     | 1.558     | 0.059     | 2.51  | 0.02      | 0.016     | 0         | 52.9 | 52   | 62.4 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 13   | 42     | 17     | 1.601     | 0.056     | 2.51  | 0.016     | 0.016     | 0         | 53.8 | 52   | 61.9 | 155        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 13   | 52     | 17     | 1.558     | 0.082     | 2.513 | 0.016     | 0.016     | 0         | 53.3 | 52   | 61.5 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 14   | 2      | 17     | 1.562     | 0.059     | 2.51  | 0.016     | 0.016     | 0         | 52.9 | 52   | 61.5 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 14   | 12     | 17     | 1.552     | 0.046     | 2.51  | 0.02      | 0.016     | 0         | 52.9 | 52   | 61.1 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 14   | 22     | 17     | 1.591     | 0.052     | 2.51  | 0.016     | 0.016     | 0         | 53.3 | 51.6 | 60.2 | 154        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 14   | 32     | 17     | 1.634     | 0.026     | 2.513 | 0.016     | 0.016     | 0         | 53.3 | 51.6 | 61.1 | 154        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 14   | 42     | 17     | 1.581     | 0.023     | 2.513 | 0.016     | 0.016     | 0         | 52.9 | 52.5 | 61.9 | 154        | 151        | 0          | 31     | 29     |
| 2009 | 6     | 18  | 14   | 52     | 17     | 1.532     | 0.033     | 2.513 | 0.016     | 0.016     | 0         | 53.3 | 51.6 | 62.8 | 154        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 15   | 2      | 17     | 1.578     | -0.023    | 2.513 | 0.02      | 0.016     | 0         | 52.9 | 51.6 | 61.1 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 15   | 12     | 17     | 1.578     | 0.023     | 2.513 | 0.02      | 0.016     | 0         | 52.9 | 51.6 | 61.1 | 154        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 15   | 22     | 17     | 1.631     | 0.026     | 2.513 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 59.3 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 15   | 32     | 17     | 1.588     | 0.046     | 2.513 | 0.02      | 0.016     | 0         | 52.9 | 51.6 | 60.6 | 154        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 15   | 42     | 17     | 1.588     | 0         | 2.513 | 0.02      | 0.016     | 0         | 53.3 | 52   | 60.2 | 154        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 15   | 52     | 17     | 1.575     | 0.02      | 2.513 | 0.016     | 0.013     | 0         | 53.3 | 52   | 60.2 | 154        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 16   | 2      | 17     | 1.558     | 0.016     | 2.513 | 0.02      | 0.016     | 0         | 53.3 | 52   | 61.1 | 154        | 151        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 18  | 16   | 12     | 17     | 1.568     | 0.007     | 2.513 | 0.016     | 0.016     | 0         | 53.3 | 51.6 | 60.6 | 154        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 16   | 22     | 17     | 1.581     | 0.049     | 2.513 | 0.02      | 0.016     | 0         | 53.3 | 52   | 60.6 | 154        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 16   | 32     | 17     | 1.585     | 0.062     | 2.51  | 0.016     | 0.016     | 0         | 52.9 | 52   | 60.2 | 154        | 150        | 0          | 31     | 29     |
| 2009 | 6     | 18  | 16   | 42     | 17     | 1.627     | -0.02     | 2.51  | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 59.8 | 154        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 16   | 52     | 17     | 1.585     | 0.026     | 2.51  | 0.02      | 0.016     | 0         | 53.8 | 52   | 60.2 | 155        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 17   | 2      | 17     | 1.558     | 0.046     | 2.513 | 0.023     | 0.02      | 0         | 53.3 | 52   | 61.5 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 17   | 12     | 17     | 1.539     | 0.026     | 2.513 | 0.02      | 0.016     | 0         | 53.3 | 52   | 59.8 | 154        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 17   | 22     | 17     | 1.565     | 0.062     | 2.513 | 0.02      | 0.016     | 0         | 53.3 | 52   | 60.6 | 154        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 17   | 32     | 17     | 1.581     | 0.03      | 2.51  | 0.02      | 0.016     | 0         | 52.9 | 52   | 60.2 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 17   | 42     | 17     | 1.581     | 0.046     | 2.51  | 0.016     | 0.013     | 0         | 53.3 | 52.5 | 59.8 | 154        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 17   | 52     | 17     | 1.572     | 0.03      | 2.51  | 0.02      | 0.016     | 0         | 53.3 | 51.6 | 59.8 | 154        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 18   | 2      | 17     | 1.581     | 0.023     | 2.51  | 0.02      | 0.016     | 0         | 53.3 | 52   | 58   | 154        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 18   | 12     | 17     | 1.627     | 0.01      | 2.51  | 0.016     | 0.016     | 0         | 53.3 | 51.6 | 60.2 | 154        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 18   | 22     | 17     | 1.601     | 0.033     | 2.51  | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 60.6 | 154        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 18   | 32     | 17     | 1.552     | 0.023     | 2.51  | 0.02      | 0.016     | 0         | 52.9 | 51.6 | 59.8 | 154        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 18   | 42     | 17     | 1.598     | 0.062     | 2.51  | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 59.8 | 155        | 151        | 0          | 31     | 29     |
| 2009 | 6     | 18  | 18   | 52     | 17     | 1.634     | 0.033     | 2.51  | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 60.2 | 154        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 19   | 2      | 17     | 1.608     | 0.026     | 2.513 | 0.02      | 0.016     | 0         | 53.3 | 51.6 | 60.2 | 154        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 19   | 12     | 17     | 1.562     | 0.016     | 2.51  | 0.016     | 0.013     | 0         | 53.3 | 52   | 58.9 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 19   | 22     | 17     | 1.608     | 0.052     | 2.51  | 0.016     | 0.016     | 0         | 53.3 | 51.6 | 59.8 | 154        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 19   | 32     | 17     | 1.568     | 0.082     | 2.51  | 0.02      | 0.016     | 0         | 52.9 | 51.6 | 60.6 | 154        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 19   | 42     | 17     | 1.621     | 0.049     | 2.51  | 0.016     | 0.016     | 0         | 53.3 | 52   | 59.3 | 154        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 19   | 52     | 17     | 1.644     | 0.01      | 2.513 | 0.016     | 0.016     | 0         | 52.9 | 52   | 59.3 | 154        | 150        | 0          | 31     | 29     |
| 2009 | 6     | 18  | 20   | 2      | 17     | 1.539     | 0.049     | 2.513 | 0.02      | 0.016     | 0         | 53.3 | 52   | 60.6 | 154        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 20   | 12     | 17     | 1.617     | 0.023     | 2.513 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 61.1 | 154        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 20   | 22     | 17     | 1.565     | 0.033     | 2.513 | 0.02      | 0.016     | 0         | 52.9 | 52   | 60.6 | 154        | 150        | 0          | 31     | 29     |
| 2009 | 6     | 18  | 20   | 32     | 17     | 1.604     | 0.069     | 2.513 | 0.016     | 0.016     | 0         | 53.3 | 51.6 | 60.6 | 154        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 20   | 42     | 17     | 1.575     | -0.013    | 2.513 | 0.016     | 0.016     | 0         | 52.9 | 52   | 59.8 | 154        | 150        | 0          | 31     | 29     |
| 2009 | 6     | 18  | 20   | 52     | 17     | 1.581     | 0.033     | 2.51  | 0.02      | 0.016     | 0         | 53.3 | 52   | 58.9 | 154        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 21   | 2      | 17     | 1.617     | 0.033     | 2.513 | 0.02      | 0.016     | 0         | 53.3 | 52   | 58.9 | 154        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 21   | 12     | 17     | 1.558     | 0.049     | 2.513 | 0.02      | 0.016     | 0         | 53.3 | 52   | 60.6 | 154        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 21   | 22     | 17     | 1.558     | 0.069     | 2.513 | 0.02      | 0.016     | 0         | 53.3 | 52   | 59.8 | 154        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 21   | 32     | 17     | 1.588     | -0.013    | 2.513 | 0.02      | 0.016     | 0         | 53.3 | 52   | 59.8 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 21   | 42     | 17     | 1.581     | 0.033     | 2.513 | 0.016     | 0.016     | 0         | 53.3 | 51.6 | 60.2 | 154        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 21   | 52     | 17     | 1.578     | 0         | 2.513 | 0.016     | 0.013     | 0         | 53.3 | 52   | 59.8 | 154        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 22   | 2      | 17     | 1.572     | 0.007     | 2.513 | 0.016     | 0.013     | 0         | 53.8 | 52.5 | 60.2 | 155        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 22   | 12     | 17     | 1.621     | 0.026     | 2.51  | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 59.3 | 155        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 22   | 22     | 17     | 1.499     | 0.049     | 2.513 | 0.02      | 0.016     | 0         | 52.9 | 52   | 60.6 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 22   | 32     | 17     | 1.598     | 0.056     | 2.51  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 59.8 | 155        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 22   | 42     | 17     | 1.617     | 0.02      | 2.513 | 0.02      | 0.016     | 0         | 53.3 | 52   | 59.3 | 154        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 22   | 52     | 17     | 1.631     | -0.033    | 2.51  | 0.016     | 0.013     | 0         | 53.3 | 52   | 60.6 | 154        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 23   | 2      | 17     | 1.549     | 0.089     | 2.513 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 59.8 | 155        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 23   | 12     | 17     | 1.65      | -0.007    | 2.51  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 58.5 | 155        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 23   | 22     | 17     | 1.627     | 0.03      | 2.51  | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 58.5 | 154        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 23   | 32     | 17     | 1.601     | 0.01      | 2.51  | 0.02      | 0.016     | 0         | 53.8 | 51.6 | 59.3 | 155        | 151        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 23   | 42     | 17     | 1.617     | 0.033     | 2.51  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 59.3 | 155        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 23   | 52     | 17     | 1.624     | 0.056     | 2.51  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 59.3 | 155        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 0    | 2      | 17     | 1.562     | 0.02      | 2.51  | 0.02      | 0.016     | 0         | 53.3 | 52   | 60.2 | 155        | 151        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 19  | 0    | 12     | 17     | 1.545     | 0.039     | 2.51  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 58.9 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 0    | 22     | 17     | 1.558     | 0         | 2.507 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 59.8 | 156        | 152        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 0    | 32     | 17     | 1.512     | 0.079     | 2.507 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 59.8 | 155        | 152        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 0    | 42     | 17     | 1.631     | 0.043     | 2.507 | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 58.9 | 156        | 152        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 0    | 52     | 17     | 1.601     | 0.03      | 2.507 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 58   | 156        | 152        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 1    | 2      | 17     | 1.568     | 0.043     | 2.507 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 58.5 | 156        | 152        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 1    | 12     | 17     | 1.532     | 0.082     | 2.507 | 0.02      | 0.016     | 0         | 55   | 53.3 | 59.8 | 157        | 153        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 1    | 22     | 17     | 1.634     | -0.01     | 2.503 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 58.5 | 157        | 153        | 0          | 31     | 29     |
| 2009 | 6     | 19  | 1    | 32     | 17     | 1.604     | 0.01      | 2.507 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 59.3 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 1    | 42     | 17     | 1.588     | 0.023     | 2.503 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 59.3 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 1    | 52     | 17     | 1.581     | 0.02      | 2.503 | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 58   | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 2    | 2      | 17     | 1.611     | 0.01      | 2.503 | 0.016     | 0.016     | 0         | 55   | 53.8 | 59.3 | 158        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 2    | 12     | 17     | 1.555     | -0.003    | 2.503 | 0.02      | 0.016     | 0         | 55   | 53.8 | 58   | 158        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 2    | 22     | 17     | 1.555     | 0.02      | 2.5   | 0.02      | 0.016     | 0         | 55   | 53.8 | 58.9 | 158        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 2    | 32     | 17     | 1.578     | 0.062     | 2.5   | 0.02      | 0.016     | 0         | 55   | 53.3 | 58.5 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 2    | 42     | 17     | 1.545     | 0.079     | 2.5   | 0.016     | 0.013     | 0         | 55   | 53.8 | 60.2 | 158        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 2    | 52     | 17     | 1.624     | 0.062     | 2.5   | 0.016     | 0.016     | 0         | 55.5 | 54.2 | 58.9 | 159        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 3    | 2      | 17     | 1.594     | 0.013     | 2.5   | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 60.2 | 158        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 19  | 3    | 12     | 17     | 1.555     | 0.033     | 2.5   | 0.016     | 0.016     | 0         | 55.5 | 54.2 | 59.3 | 159        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 3    | 22     | 17     | 1.601     | 0.066     | 2.497 | 0.02      | 0.016     | 0         | 55.5 | 53.8 | 59.3 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 3    | 32     | 17     | 1.598     | 0.052     | 2.497 | 0.02      | 0.016     | 0         | 55   | 53.8 | 60.6 | 158        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 3    | 42     | 17     | 1.617     | 0.03      | 2.497 | 0.016     | 0.016     | 0         | 55   | 53.8 | 60.2 | 158        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 3    | 52     | 17     | 1.608     | 0.01      | 2.497 | 0.016     | 0.016     | 0         | 55   | 53.3 | 58.5 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 4    | 2      | 17     | 1.617     | 0.046     | 2.497 | 0.02      | 0.016     | 0         | 55.5 | 54.2 | 61.1 | 159        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 4    | 12     | 17     | 1.565     | 0.069     | 2.497 | 0.02      | 0.016     | 0         | 55   | 53.8 | 58.9 | 158        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 4    | 22     | 17     | 1.568     | 0.102     | 2.497 | 0.02      | 0.016     | 0         | 55   | 53.3 | 61.1 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 4    | 32     | 17     | 1.614     | 0.052     | 2.497 | 0.023     | 0.02      | 0         | 55   | 53.8 | 59.3 | 158        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 4    | 42     | 17     | 1.568     | 0.049     | 2.497 | 0.016     | 0.016     | 0         | 55   | 53.8 | 60.6 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 4    | 52     | 17     | 1.591     | 0.026     | 2.497 | 0.016     | 0.016     | 0         | 54.6 | 54.2 | 60.6 | 158        | 155        | 0          | 31     | 29     |
| 2009 | 6     | 19  | 5    | 2      | 17     | 1.588     | 0.023     | 2.497 | 0.016     | 0.016     | 0         | 55   | 54.2 | 58.5 | 158        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 5    | 12     | 17     | 1.621     | 0.003     | 2.497 | 0.016     | 0.016     | 0         | 55.5 | 54.2 | 59.8 | 159        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 5    | 22     | 17     | 1.598     | 0.02      | 2.497 | 0.02      | 0.016     | 0         | 55   | 53.8 | 59.8 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 19  | 5    | 32     | 17     | 1.568     | 0.036     | 2.497 | 0.016     | 0.016     | 0         | 55   | 54.6 | 58.9 | 159        | 156        | 0          | 31     | 29     |
| 2009 | 6     | 19  | 5    | 42     | 17     | 1.611     | 0.016     | 2.493 | 0.02      | 0.016     | 0         | 55.5 | 54.2 | 58.9 | 159        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 5    | 52     | 17     | 1.594     | 0.02      | 2.493 | 0.02      | 0.016     | 0         | 55   | 53.8 | 59.3 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 19  | 6    | 2      | 17     | 1.608     | 0.02      | 2.493 | 0.02      | 0.016     | 0         | 55.9 | 54.2 | 58.9 | 160        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 6    | 12     | 17     | 1.575     | 0.033     | 2.493 | 0.02      | 0.016     | 0         | 55   | 54.2 | 58.5 | 159        | 155        | 0          | 31     | 29     |
| 2009 | 6     | 19  | 6    | 22     | 17     | 1.631     | 0.013     | 2.493 | 0.02      | 0.016     | 0         | 55   | 53.8 | 59.3 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 19  | 6    | 32     | 17     | 1.555     | 0.023     | 2.497 | 0.016     | 0.016     | 0         | 55   | 53.8 | 60.2 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 6    | 42     | 17     | 1.631     | 0         | 2.497 | 0.016     | 0.016     | 0         | 55   | 53.8 | 57.6 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 6    | 52     | 17     | 1.631     | 0.062     | 2.497 | 0.016     | 0.016     | 0         | 55   | 53.3 | 58.5 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 7    | 2      | 17     | 1.601     | 0.016     | 2.497 | 0.016     | 0.016     | 0         | 55   | 53.3 | 58.5 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 7    | 12     | 17     | 1.591     | -0.013    | 2.497 | 0.016     | 0.016     | 0         | 55   | 53.8 | 58.5 | 158        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 7    | 22     | 17     | 1.591     | 0.026     | 2.497 | 0.016     | 0.016     | 0         | 55   | 53.3 | 58.9 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 7    | 32     | 17     | 1.601     | 0.079     | 2.497 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 58.5 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 19  | 7    | 42     | 17     | 1.578     | 0.043     | 2.497 | 0.02      | 0.016     | 0         | 55   | 53.3 | 58.9 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 7    | 52     | 17     | 1.614     | 0.026     | 2.497 | 0.016     | 0.016     | 0         | 55   | 53.8 | 57.6 | 158        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 8    | 2      | 17     | 1.581     | 0.023     | 2.497 | 0.016     | 0.016     | 0         | 55   | 54.2 | 58.5 | 158        | 155        | 0          | 30     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 19  | 8    | 12     | 17     | 1.565     | 0.026     | 2.497 | 0.02      | 0.016     | 0         | 55   | 54.2 | 58.9 | 158        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 8    | 22     | 17     | 1.621     | 0.033     | 2.497 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 58   | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 19  | 8    | 32     | 17     | 1.66      | -0.023    | 2.497 | 0.02      | 0.016     | 0         | 54.6 | 54.2 | 58.5 | 158        | 155        | 0          | 31     | 29     |
| 2009 | 6     | 19  | 8    | 42     | 17     | 1.581     | 0.039     | 2.5   | 0.02      | 0.016     | 0         | 55.9 | 55   | 57.6 | 160        | 157        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 8    | 52     | 17     | 1.542     | 0.007     | 2.5   | 0.02      | 0.016     | 0         | 55   | 54.2 | 58.5 | 158        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 9    | 2      | 17     | 1.565     | 0.056     | 2.503 | 0.016     | 0.016     | 0         | 55   | 54.2 | 59.8 | 158        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 9    | 12     | 17     | 1.588     | 0.03      | 2.503 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 58.9 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 19  | 9    | 22     | 17     | 1.634     | 0.056     | 2.503 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 58.5 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 19  | 9    | 32     | 17     | 1.578     | 0.043     | 2.503 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 58   | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 19  | 9    | 42     | 17     | 1.578     | 0.062     | 2.507 | 0.016     | 0.016     | 0         | 55   | 53.3 | 58.9 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 9    | 52     | 17     | 1.617     | 0.01      | 2.507 | 0.016     | 0.013     | 0         | 54.6 | 53.8 | 58.5 | 158        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 19  | 10   | 2      | 17     | 1.601     | 0.023     | 2.507 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 57.6 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 19  | 10   | 12     | 17     | 1.601     | 0.023     | 2.507 | 0.02      | 0.016     | 0         | 54.6 | 54.2 | 57.6 | 158        | 155        | 0          | 31     | 29     |
| 2009 | 6     | 19  | 10   | 22     | 17     | 1.634     | 0         | 2.507 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 56.8 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 19  | 10   | 32     | 17     | 1.555     | 0.03      | 2.51  | 0.02      | 0.016     | 0         | 55   | 53.3 | 58.9 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 10   | 42     | 17     | 1.575     | -0.03     | 2.51  | 0.026     | 0.023     | 0         | 55   | 53.3 | 58.5 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 10   | 52     | 17     | 1.591     | 0.023     | 2.51  | 0.016     | 0.016     | 0         | 55   | 53.3 | 60.2 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 11   | 2      | 17     | 1.549     | 0.092     | 2.513 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 58.5 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 19  | 11   | 12     | 17     | 1.657     | 0         | 2.513 | 0.02      | 0.016     | 0         | 55   | 53.8 | 59.3 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 11   | 22     | 17     | 1.594     | 0.046     | 2.513 | 0.016     | 0.016     | 0         | 55   | 53.8 | 59.8 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 11   | 32     | 17     | 1.585     | 0.023     | 2.51  | 0.02      | 0.016     | 0         | 55.5 | 53.8 | 58   | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 11   | 42     | 17     | 1.578     | 0.023     | 2.513 | 0.02      | 0.016     | 0         | 55.5 | 54.2 | 59.3 | 159        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 11   | 52     | 17     | 1.611     | 0.092     | 2.513 | 0.02      | 0.016     | 0         | 55.5 | 54.2 | 58   | 159        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 12   | 2      | 17     | 1.594     | 0.043     | 2.513 | 0.02      | 0.016     | 0         | 55.5 | 54.2 | 58   | 159        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 12   | 12     | 17     | 1.578     | 0.052     | 2.516 | 0.02      | 0.016     | 0         | 54.6 | 54.2 | 59.3 | 158        | 155        | 0          | 31     | 29     |
| 2009 | 6     | 19  | 12   | 22     | 17     | 1.594     | 0.046     | 2.516 | 0.02      | 0.016     | 0         | 54.6 | 54.2 | 58.9 | 158        | 155        | 0          | 31     | 29     |
| 2009 | 6     | 19  | 12   | 32     | 17     | 1.601     | 0.066     | 2.516 | 0.02      | 0.016     | 0         | 55.5 | 53.8 | 58.9 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 12   | 42     | 17     | 1.565     | 0.023     | 2.516 | 0.02      | 0.016     | 0         | 55.5 | 54.6 | 59.3 | 159        | 156        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 12   | 52     | 17     | 1.631     | -0.026    | 2.516 | 0.016     | 0.016     | 0         | 54.6 | 54.2 | 59.3 | 158        | 155        | 0          | 31     | 29     |
| 2009 | 6     | 19  | 13   | 2      | 17     | 1.66      | 0.02      | 2.52  | 0.02      | 0.016     | 0         | 55   | 53.3 | 58   | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 13   | 12     | 17     | 1.552     | 0.069     | 2.52  | 0.016     | 0.016     | 0         | 55   | 54.2 | 60.6 | 158        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 13   | 22     | 17     | 1.572     | 0.056     | 2.52  | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 61.1 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 19  | 13   | 32     | 17     | 1.614     | 0.056     | 2.52  | 0.02      | 0.016     | 0         | 55.5 | 53.8 | 58.9 | 159        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 13   | 42     | 17     | 1.591     | 0.052     | 2.52  | 0.02      | 0.016     | 0         | 55.5 | 54.2 | 55.9 | 159        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 13   | 52     | 17     | 1.558     | 0.059     | 2.523 | 0.016     | 0.013     | 0         | 56.3 | 54.6 | 58.5 | 161        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 14   | 2      | 17     | 1.631     | 0.023     | 2.52  | 0.02      | 0.016     | 0         | 55.9 | 54.6 | 57.6 | 160        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 14   | 12     | 17     | 1.637     | 0.033     | 2.523 | 0.016     | 0.016     | 0         | 55.5 | 54.6 | 58   | 159        | 156        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 14   | 22     | 17     | 1.581     | 0.056     | 2.523 | 0.016     | 0.016     | 0         | 55   | 54.2 | 60.2 | 159        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 19  | 14   | 32     | 17     | 1.601     | 0.036     | 2.523 | 0.02      | 0.016     | 0         | 55.5 | 54.2 | 57.6 | 159        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 14   | 42     | 17     | 1.631     | 0.03      | 2.523 | 0.02      | 0.016     | 0         | 55   | 54.2 | 61.1 | 158        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 14   | 52     | 17     | 1.555     | 0.052     | 2.526 | 0.02      | 0.016     | 0         | 55   | 53.8 | 60.6 | 159        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 19  | 15   | 2      | 17     | 1.545     | 0.092     | 2.526 | 0.02      | 0.016     | 0         | 55   | 54.2 | 60.2 | 158        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 15   | 12     | 17     | 1.644     | 0         | 2.526 | 0.016     | 0.016     | 0         | 55   | 53.8 | 59.8 | 158        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 15   | 22     | 17     | 1.581     | 0.098     | 2.526 | 0.02      | 0.016     | 0         | 55   | 53.8 | 60.6 | 158        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 15   | 32     | 17     | 1.608     | 0.066     | 2.526 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 61.9 | 158        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 19  | 15   | 42     | 17     | 1.65      | 0.01      | 2.526 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 59.3 | 157        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 15   | 52     | 17     | 1.614     | -0.02     | 2.53  | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 60.6 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 16   | 2      | 17     | 1.614     | 0.03      | 2.53  | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 61.9 | 157        | 154        | 0          | 31     | 30     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 19  | 16   | 12     | 17     | 1.601     | 0.062     | 2.53  | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 61.1 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 16   | 22     | 17     | 1.624     | 0.062     | 2.53  | 0.016     | 0.013     | 0         | 54.6 | 53.3 | 61.9 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 16   | 32     | 17     | 1.614     | 0.069     | 2.53  | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 61.9 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 16   | 42     | 17     | 1.617     | 0.01      | 2.533 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 61.5 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 16   | 52     | 17     | 1.601     | 0.013     | 2.533 | 0.02      | 0.016     | 0         | 55   | 54.2 | 60.2 | 158        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 17   | 2      | 17     | 1.624     | 0.023     | 2.533 | 0.02      | 0.016     | 0         | 54.6 | 54.2 | 59.3 | 158        | 155        | 0          | 31     | 29     |
| 2009 | 6     | 19  | 17   | 12     | 17     | 1.565     | 0.026     | 2.533 | 0.02      | 0.016     | 0         | 55   | 53.8 | 60.6 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 17   | 22     | 17     | 1.568     | 0.036     | 2.533 | 0.02      | 0.016     | 0         | 55   | 53.3 | 60.6 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 17   | 32     | 17     | 1.611     | 0.02      | 2.533 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 59.8 | 157        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 17   | 42     | 17     | 1.591     | 0.049     | 2.536 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 60.6 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 19  | 17   | 52     | 17     | 1.64      | 0.062     | 2.536 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 59.8 | 157        | 153        | 0          | 31     | 29     |
| 2009 | 6     | 19  | 18   | 2      | 17     | 1.654     | 0.052     | 2.536 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 60.6 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 18   | 12     | 17     | 1.624     | 0.01      | 2.536 | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 59.8 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 18   | 22     | 17     | 1.627     | 0.023     | 2.536 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 58.9 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 18   | 32     | 17     | 1.601     | 0.066     | 2.539 | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 60.2 | 158        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 19  | 18   | 42     | 17     | 1.647     | 0.02      | 2.539 | 0.016     | 0.016     | 0         | 55   | 53.3 | 58   | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 18   | 52     | 17     | 1.693     | 0.013     | 2.539 | 0.016     | 0.016     | 0         | 55   | 54.2 | 59.3 | 158        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 19   | 2      | 17     | 1.644     | 0.016     | 2.539 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 58.5 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 19  | 19   | 12     | 17     | 1.699     | 0.013     | 2.543 | 0.016     | 0.013     | 0         | 53.8 | 52.9 | 58.5 | 156        | 152        | 0          | 31     | 29     |
| 2009 | 6     | 19  | 19   | 22     | 17     | 1.677     | 0.01      | 2.543 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 58.9 | 156        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 19   | 32     | 17     | 1.683     | 0.01      | 2.546 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 57.2 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 19   | 42     | 17     | 1.673     | 0.02      | 2.546 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 56.3 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 19   | 52     | 17     | 1.65      | 0.007     | 2.549 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 57.2 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 20   | 2      | 17     | 1.693     | 0.007     | 2.549 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 58.9 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 20   | 12     | 17     | 1.64      | 0.023     | 2.552 | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 58.9 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 20   | 22     | 17     | 1.69      | 0.049     | 2.556 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 58.9 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 20   | 32     | 17     | 1.693     | 0         | 2.556 | 0.016     | 0.013     | 0         | 54.6 | 53.3 | 57.2 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 20   | 42     | 17     | 1.677     | 0.033     | 2.559 | 0.016     | 0.013     | 0         | 54.6 | 53.3 | 58.5 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 20   | 52     | 17     | 1.703     | 0.01      | 2.559 | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 58.9 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 21   | 2      | 17     | 1.637     | 0.056     | 2.559 | 0.016     | 0.013     | 0         | 54.2 | 53.3 | 59.3 | 156        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 21   | 12     | 17     | 1.66      | 0.02      | 2.559 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 59.8 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 19  | 21   | 22     | 17     | 1.614     | 0.033     | 2.562 | 0.016     | 0.013     | 0         | 54.6 | 53.3 | 60.2 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 21   | 32     | 17     | 1.667     | 0.016     | 2.562 | 0.016     | 0.013     | 0         | 53.8 | 52.9 | 60.2 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 19  | 21   | 42     | 17     | 1.608     | 0.023     | 2.562 | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 60.6 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 21   | 52     | 17     | 1.713     | -0.016    | 2.566 | 0.016     | 0.013     | 0         | 54.6 | 53.3 | 59.8 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 22   | 2      | 17     | 1.591     | 0.039     | 2.566 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 60.2 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 22   | 12     | 17     | 1.627     | 0.003     | 2.566 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 60.2 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 19  | 22   | 22     | 17     | 1.624     | 0.043     | 2.569 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 60.6 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 22   | 32     | 17     | 1.647     | -0.007    | 2.566 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 60.2 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 22   | 42     | 17     | 1.647     | 0.043     | 2.569 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 61.9 | 156        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 22   | 52     | 17     | 1.657     | 0.046     | 2.569 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 60.6 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 23   | 2      | 17     | 1.67      | 0.013     | 2.569 | 0.016     | 0.013     | 0         | 54.2 | 52.9 | 61.1 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 23   | 12     | 17     | 1.631     | 0.02      | 2.569 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 61.1 | 156        | 152        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 23   | 22     | 17     | 1.69      | -0.003    | 2.569 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 60.6 | 156        | 152        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 23   | 32     | 17     | 1.647     | -0.007    | 2.569 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 61.5 | 156        | 152        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 23   | 42     | 17     | 1.64      | 0.016     | 2.569 | 0.016     | 0.016     | 0         | 54.2 | 52.5 | 61.1 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 23   | 52     | 17     | 1.647     | 0.03      | 2.569 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 60.6 | 156        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 0    | 2      | 17     | 1.608     | 0.01      | 2.569 | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 61.1 | 156        | 152        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 20  | 0    | 12     | 17     | 1.611     | 0.02      | 2.569 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 61.9 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 0    | 22     | 17     | 1.67      | 0.033     | 2.569 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 60.6 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 0    | 32     | 17     | 1.637     | 0.03      | 2.569 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 61.1 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 0    | 42     | 17     | 1.65      | 0.069     | 2.572 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 61.1 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 0    | 52     | 17     | 1.657     | 0.033     | 2.572 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 60.6 | 156        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 1    | 2      | 17     | 1.647     | -0.01     | 2.572 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 61.5 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 1    | 12     | 17     | 1.654     | 0.043     | 2.572 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 61.5 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 1    | 22     | 17     | 1.647     | 0.01      | 2.572 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.9 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 1    | 32     | 17     | 1.657     | 0.043     | 2.572 | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 61.5 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 1    | 42     | 17     | 1.67      | 0         | 2.572 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 60.6 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 1    | 52     | 17     | 1.716     | 0.036     | 2.572 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 61.5 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 2    | 2      | 17     | 1.673     | 0.023     | 2.572 | 0.016     | 0.013     | 0         | 54.6 | 52.9 | 59.3 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 2    | 12     | 17     | 1.667     | -0.02     | 2.572 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 60.6 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 2    | 22     | 17     | 1.657     | 0         | 2.572 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 60.2 | 157        | 153        | 0          | 30     | 28     |
| 2009 | 6     | 20  | 2    | 32     | 17     | 1.663     | 0         | 2.572 | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 59.8 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 2    | 42     | 17     | 1.673     | 0.003     | 2.575 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 59.8 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 2    | 52     | 17     | 1.677     | 0.02      | 2.575 | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 60.2 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 3    | 2      | 17     | 1.683     | 0.013     | 2.575 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 58.5 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 3    | 12     | 17     | 1.68      | 0         | 2.579 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 58.9 | 156        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 3    | 22     | 17     | 1.627     | 0.046     | 2.579 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 59.3 | 157        | 152        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 3    | 32     | 17     | 1.67      | -0.023    | 2.582 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 57.6 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 3    | 42     | 17     | 1.69      | 0.036     | 2.585 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 58.5 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 3    | 52     | 17     | 1.627     | 0         | 2.589 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 59.8 | 156        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 4    | 2      | 17     | 1.663     | 0.026     | 2.589 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 59.3 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 4    | 12     | 17     | 1.696     | -0.033    | 2.592 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 58   | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 4    | 22     | 17     | 1.66      | 0.013     | 2.595 | 0.023     | 0.02      | 0         | 54.2 | 52.9 | 59.8 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 4    | 32     | 17     | 1.647     | 0.02      | 2.595 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 59.3 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 4    | 42     | 17     | 1.64      | 0.043     | 2.598 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 60.2 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 4    | 52     | 17     | 1.657     | 0.036     | 2.598 | 0.016     | 0.016     | 0         | 54.6 | 52.9 | 60.2 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 5    | 2      | 17     | 1.69      | 0.043     | 2.598 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 59.3 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 5    | 12     | 17     | 1.65      | -0.003    | 2.598 | 0.016     | 0.013     | 0         | 55   | 53.8 | 61.1 | 158        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 5    | 22     | 17     | 1.631     | 0.033     | 2.602 | 0.016     | 0.016     | 0         | 55   | 53.8 | 61.1 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 5    | 32     | 17     | 1.614     | -0.023    | 2.602 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 61.5 | 158        | 154        | 0          | 31     | 29     |
| 2009 | 6     | 20  | 5    | 42     | 17     | 1.699     | 0.02      | 2.602 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 60.6 | 157        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 5    | 52     | 17     | 1.637     | 0.039     | 2.602 | 0.016     | 0.013     | 0         | 55   | 53.3 | 61.9 | 158        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 6    | 2      | 17     | 1.677     | 0.01      | 2.602 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 60.6 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 6    | 12     | 17     | 1.634     | -0.013    | 2.605 | 0.016     | 0.013     | 0         | 54.2 | 53.3 | 61.5 | 157        | 153        | 0          | 31     | 29     |
| 2009 | 6     | 20  | 6    | 22     | 17     | 1.693     | 0.01      | 2.605 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 60.6 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 6    | 32     | 17     | 1.631     | 0.033     | 2.605 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 61.1 | 156        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 6    | 42     | 17     | 1.634     | -0.02     | 2.605 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 60.2 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 6    | 52     | 17     | 1.624     | 0.013     | 2.608 | 0.016     | 0.013     | 0         | 54.6 | 53.3 | 59.3 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 7    | 2      | 17     | 1.683     | -0.01     | 2.608 | 0.016     | 0.013     | 0         | 54.6 | 52.9 | 59.3 | 157        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 7    | 12     | 17     | 1.654     | 0.01      | 2.608 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 59.8 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 7    | 22     | 17     | 1.677     | 0.046     | 2.612 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 59.3 | 157        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 20  | 7    | 32     | 17     | 1.624     | -0.016    | 2.612 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 59.3 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 7    | 42     | 17     | 1.713     | 0         | 2.615 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 58.9 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 7    | 52     | 17     | 1.601     | 0.069     | 2.615 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 60.2 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 8    | 2      | 17     | 1.65      | 0         | 2.618 | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 58.9 | 156        | 152        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 20  | 8    | 12     | 17     | 1.631     | -0.033    | 2.621 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 58   | 156        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 8    | 22     | 17     | 1.634     | -0.039    | 2.625 | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 58.9 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 8    | 32     | 17     | 1.67      | 0.016     | 2.628 | 0.016     | 0.013     | 0         | 53.8 | 52.9 | 58.5 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 8    | 42     | 17     | 1.637     | 0.023     | 2.628 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 59.8 | 157        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 8    | 52     | 17     | 1.65      | 0.033     | 2.631 | 0.016     | 0.013     | 0         | 53.8 | 52.9 | 61.5 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 9    | 2      | 17     | 1.644     | 0.013     | 2.631 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 60.2 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 9    | 12     | 17     | 1.654     | 0.003     | 2.635 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 59.8 | 156        | 152        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 9    | 22     | 17     | 1.67      | 0.026     | 2.635 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 60.6 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 9    | 32     | 17     | 1.654     | 0.003     | 2.635 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 61.9 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 9    | 42     | 17     | 1.667     | 0.007     | 2.638 | 0.016     | 0.013     | 0         | 54.2 | 52.9 | 62.4 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 9    | 52     | 17     | 1.594     | 0.016     | 2.638 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 61.9 | 156        | 152        | 0          | 31     | 29     |
| 2009 | 6     | 20  | 10   | 2      | 17     | 1.634     | 0.01      | 2.638 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 62.8 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 10   | 12     | 17     | 1.654     | 0.026     | 2.638 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 61.9 | 156        | 152        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 10   | 22     | 17     | 1.617     | 0.013     | 2.638 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 61.9 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 10   | 32     | 17     | 1.637     | 0.049     | 2.641 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 62.8 | 154        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 10   | 42     | 17     | 1.65      | -0.016    | 2.641 | 0.016     | 0.013     | 0         | 53.3 | 52   | 61.5 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 10   | 52     | 17     | 1.729     | -0.003    | 2.641 | 0.013     | 0.01      | 0         | 52.9 | 52   | 61.1 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 11   | 2      | 17     | 1.66      | 0         | 2.644 | 0.016     | 0.016     | 0         | 53.3 | 52   | 61.9 | 154        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 11   | 12     | 17     | 1.631     | 0.033     | 2.644 | 0.02      | 0.016     | 0         | 52.5 | 51.6 | 62.4 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 11   | 22     | 17     | 1.634     | 0.023     | 2.644 | 0.02      | 0.016     | 0         | 53.3 | 52   | 62.8 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 11   | 32     | 17     | 1.634     | 0         | 2.648 | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 61.5 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 11   | 42     | 17     | 1.67      | 0.02      | 2.648 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 61.9 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 11   | 52     | 17     | 1.657     | -0.023    | 2.648 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 60.2 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 12   | 2      | 17     | 1.663     | 0.01      | 2.648 | 0.02      | 0.016     | 0         | 52.5 | 51.2 | 60.2 | 153        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 12   | 12     | 17     | 1.67      | 0.007     | 2.651 | 0.016     | 0.013     | 0         | 52.9 | 52   | 61.5 | 153        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 12   | 22     | 17     | 1.64      | -0.016    | 2.651 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 60.6 | 153        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 12   | 32     | 17     | 1.64      | -0.007    | 2.651 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 60.2 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 12   | 42     | 17     | 1.699     | -0.02     | 2.654 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 58.9 | 153        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 20  | 12   | 52     | 17     | 1.644     | 0.02      | 2.657 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 60.2 | 153        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 13   | 2      | 17     | 1.667     | -0.043    | 2.657 | 0.016     | 0.013     | 0         | 52   | 51.2 | 60.2 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 13   | 12     | 17     | 1.634     | 0.023     | 2.664 | 0.023     | 0.02      | 0         | 52.5 | 51.2 | 59.3 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 13   | 22     | 17     | 1.64      | 0.02      | 2.664 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 61.5 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 13   | 32     | 17     | 1.673     | 0.01      | 2.667 | 0.016     | 0.016     | 0         | 52   | 50.7 | 60.2 | 152        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 13   | 42     | 17     | 1.67      | 0.023     | 2.667 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.5 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 13   | 52     | 17     | 1.67      | 0.023     | 2.671 | 0.016     | 0.013     | 0         | 52   | 50.7 | 62.4 | 152        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 14   | 2      | 17     | 1.657     | 0.033     | 2.674 | 0.02      | 0.016     | 0         | 52.5 | 50.7 | 62.8 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 14   | 12     | 17     | 1.621     | 0.052     | 2.674 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 62.4 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 14   | 22     | 17     | 1.657     | 0.036     | 2.677 | 0.02      | 0.016     | 0         | 52.5 | 51.2 | 61.9 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 14   | 32     | 17     | 1.647     | -0.023    | 2.677 | 0.02      | 0.016     | 0         | 52.5 | 50.7 | 62.8 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 14   | 42     | 17     | 1.683     | -0.013    | 2.677 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 63.2 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 14   | 52     | 17     | 1.631     | 0.046     | 2.68  | 0.016     | 0.016     | 0         | 52.9 | 52.5 | 63.6 | 154        | 151        | 0          | 31     | 29     |
| 2009 | 6     | 20  | 15   | 2      | 17     | 1.67      | 0.016     | 2.68  | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 62.8 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 15   | 12     | 17     | 1.68      | 0.026     | 2.68  | 0.016     | 0.016     | 0         | 52.9 | 51.2 | 62.4 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 15   | 22     | 17     | 1.673     | 0         | 2.684 | 0.02      | 0.016     | 0         | 52.5 | 51.2 | 62.8 | 153        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 15   | 32     | 17     | 1.706     | -0.007    | 2.684 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 64.1 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 15   | 42     | 17     | 1.637     | 0.039     | 2.684 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 64.1 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 15   | 52     | 17     | 1.65      | 0.016     | 2.684 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 64.9 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 16   | 2      | 17     | 1.654     | 0         | 2.687 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 63.6 | 152        | 149        | 0          | 30     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 20  | 16   | 12     | 17     | 1.654     | -0.007    | 2.687 | 0.023     | 0.02      | 0         | 52.5 | 51.2 | 64.1 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 16   | 22     | 17     | 1.64      | 0.033     | 2.687 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 63.2 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 16   | 32     | 17     | 1.654     | 0.013     | 2.687 | 0.02      | 0.016     | 0         | 52   | 51.6 | 63.6 | 152        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 20  | 16   | 42     | 17     | 1.644     | 0.049     | 2.69  | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 63.2 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 16   | 52     | 17     | 1.66      | 0.052     | 2.69  | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 62.8 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 17   | 2      | 17     | 1.657     | -0.036    | 2.69  | 0.02      | 0.016     | 0         | 52.5 | 51.2 | 62.4 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 17   | 12     | 17     | 1.69      | 0.039     | 2.69  | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 61.9 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 17   | 22     | 17     | 1.67      | 0.023     | 2.694 | 0.016     | 0.016     | 0         | 52.9 | 50.7 | 61.9 | 152        | 148        | 0          | 29     | 30     |
| 2009 | 6     | 20  | 17   | 32     | 17     | 1.64      | -0.007    | 2.694 | 0.02      | 0.016     | 0         | 52.5 | 50.7 | 62.4 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 17   | 42     | 17     | 1.67      | 0.007     | 2.694 | 0.02      | 0.016     | 0         | 52.5 | 51.2 | 61.9 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 17   | 52     | 17     | 1.663     | 0.013     | 2.697 | 0.02      | 0.016     | 0         | 52   | 51.2 | 62.4 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 18   | 2      | 17     | 1.686     | -0.043    | 2.697 | 0.016     | 0.013     | 0         | 52.5 | 50.7 | 61.1 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 18   | 12     | 17     | 1.673     | -0.023    | 2.697 | 0.016     | 0.016     | 0         | 52   | 51.2 | 61.1 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 18   | 22     | 17     | 1.647     | 0.043     | 2.7   | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 61.9 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 18   | 32     | 17     | 1.654     | 0.02      | 2.7   | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 59.8 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 18   | 42     | 17     | 1.67      | 0.023     | 2.703 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 60.2 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 18   | 52     | 17     | 1.683     | 0.023     | 2.703 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 60.2 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 19   | 2      | 17     | 1.657     | 0.007     | 2.71  | 0.016     | 0.016     | 0         | 52   | 50.7 | 59.8 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 19   | 12     | 17     | 1.657     | 0.023     | 2.71  | 0.02      | 0.016     | 0         | 52   | 51.2 | 60.2 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 19   | 22     | 17     | 1.663     | 0         | 2.713 | 0.016     | 0.013     | 0         | 52   | 50.7 | 60.2 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 19   | 32     | 17     | 1.703     | -0.013    | 2.717 | 0.016     | 0.013     | 0         | 52.9 | 51.2 | 61.1 | 152        | 148        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 19   | 42     | 17     | 1.673     | 0.036     | 2.717 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.1 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 19   | 52     | 17     | 1.67      | 0.013     | 2.72  | 0.016     | 0.016     | 0         | 51.6 | 51.2 | 62.8 | 151        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 20  | 20   | 2      | 17     | 1.65      | 0.02      | 2.72  | 0.02      | 0.016     | 0         | 52.5 | 51.2 | 61.9 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 20   | 12     | 17     | 1.66      | -0.003    | 2.723 | 0.02      | 0.016     | 0         | 52.5 | 50.7 | 61.1 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 20   | 22     | 17     | 1.654     | 0.02      | 2.723 | 0.016     | 0.016     | 0         | 52   | 50.3 | 62.8 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 20   | 32     | 17     | 1.696     | -0.003    | 2.723 | 0.02      | 0.016     | 0         | 52   | 50.7 | 62.4 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 20   | 42     | 17     | 1.64      | 0         | 2.726 | 0.02      | 0.016     | 0         | 52.5 | 51.2 | 63.6 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 20   | 52     | 17     | 1.654     | 0         | 2.726 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 62.8 | 152        | 148        | 0          | 30     | 28     |
| 2009 | 6     | 20  | 21   | 2      | 17     | 1.667     | 0         | 2.726 | 0.016     | 0.016     | 0         | 52   | 51.2 | 63.6 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 21   | 12     | 17     | 1.667     | 0.016     | 2.726 | 0.013     | 0.01      | 0         | 52   | 50.7 | 63.6 | 152        | 147        | 0          | 31     | 29     |
| 2009 | 6     | 20  | 21   | 22     | 17     | 1.693     | 0.007     | 2.73  | 0.016     | 0.013     | 0         | 52   | 50.7 | 63.6 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 21   | 32     | 17     | 1.637     | 0         | 2.73  | 0.016     | 0.016     | 0         | 52   | 51.2 | 63.6 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 21   | 42     | 17     | 1.637     | 0.036     | 2.73  | 0.016     | 0.013     | 0         | 52   | 51.2 | 62.4 | 152        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 20  | 21   | 52     | 17     | 1.673     | 0.033     | 2.73  | 0.016     | 0.016     | 0         | 52   | 50.7 | 64.1 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 22   | 2      | 17     | 1.617     | 0.023     | 2.73  | 0.02      | 0.016     | 0         | 52.9 | 51.6 | 63.2 | 153        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 22   | 12     | 17     | 1.637     | 0.016     | 2.73  | 0.016     | 0.016     | 0         | 52.5 | 50.3 | 64.1 | 151        | 147        | 0          | 29     | 30     |
| 2009 | 6     | 20  | 22   | 22     | 17     | 1.703     | -0.016    | 2.733 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 62.4 | 152        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 22   | 32     | 17     | 1.683     | -0.016    | 2.733 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 61.9 | 151        | 147        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 22   | 42     | 17     | 1.631     | 0.043     | 2.733 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 63.2 | 151        | 147        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 22   | 52     | 17     | 1.65      | 0.01      | 2.733 | 0.02      | 0.016     | 0         | 52   | 50.3 | 63.6 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 23   | 2      | 17     | 1.617     | 0.016     | 2.733 | 0.016     | 0.013     | 0         | 52   | 50.7 | 62.4 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 23   | 12     | 17     | 1.677     | 0.02      | 2.733 | 0.016     | 0.016     | 0         | 52   | 50.3 | 61.9 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 23   | 22     | 17     | 1.667     | 0.013     | 2.733 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 61.1 | 151        | 147        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 23   | 32     | 17     | 1.677     | 0.03      | 2.736 | 0.016     | 0.016     | 0         | 52   | 51.2 | 63.2 | 152        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 20  | 23   | 42     | 17     | 1.65      | 0.066     | 2.736 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 60.6 | 152        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 23   | 52     | 17     | 1.65      | 0.02      | 2.736 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 60.6 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 0    | 2      | 17     | 1.67      | 0.003     | 2.736 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 61.1 | 152        | 148        | 0          | 30     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 21  | 0    | 12     | 17     | 1.637     | 0.043     | 2.736 | 0.023     | 0.02      | 0         | 52.5 | 51.2 | 61.1 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 0    | 22     | 17     | 1.696     | 0.02      | 2.736 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 59.8 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 0    | 32     | 17     | 1.66      | 0.059     | 2.736 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 60.2 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 0    | 42     | 17     | 1.65      | 0         | 2.736 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.1 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 0    | 52     | 17     | 1.647     | 0         | 2.74  | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 60.6 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 1    | 2      | 17     | 1.644     | 0.023     | 2.74  | 0.02      | 0.016     | 0         | 52.5 | 51.6 | 60.2 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 1    | 12     | 17     | 1.637     | 0.036     | 2.74  | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 61.1 | 153        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 1    | 22     | 17     | 1.66      | -0.01     | 2.74  | 0.02      | 0.016     | 0         | 52   | 51.6 | 59.8 | 152        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 21  | 1    | 32     | 17     | 1.657     | 0.033     | 2.743 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 60.2 | 154        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 21  | 1    | 42     | 17     | 1.65      | 0.046     | 2.743 | 0.02      | 0.016     | 0         | 53.3 | 52   | 60.6 | 154        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 1    | 52     | 17     | 1.608     | 0.075     | 2.746 | 0.016     | 0.016     | 0         | 53.3 | 52   | 59.3 | 154        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 2    | 2      | 17     | 1.66      | -0.023    | 2.743 | 0.016     | 0.013     | 0         | 52.9 | 52   | 58.5 | 153        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 2    | 12     | 17     | 1.621     | 0.026     | 2.749 | 0.016     | 0.016     | 0         | 53.3 | 52   | 60.2 | 154        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 2    | 22     | 17     | 1.647     | -0.039    | 2.746 | 0.02      | 0.016     | 0         | 52.9 | 51.6 | 58.9 | 154        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 2    | 32     | 17     | 1.614     | 0.046     | 2.749 | 0.016     | 0.016     | 0         | 52.9 | 52   | 60.2 | 154        | 150        | 0          | 31     | 29     |
| 2009 | 6     | 21  | 2    | 42     | 17     | 1.699     | -0.003    | 2.753 | 0.016     | 0.016     | 0         | 52.9 | 52   | 58.9 | 154        | 150        | 0          | 31     | 29     |
| 2009 | 6     | 21  | 2    | 52     | 17     | 1.637     | 0.03      | 2.753 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 59.8 | 154        | 150        | 0          | 29     | 30     |
| 2009 | 6     | 21  | 3    | 2      | 17     | 1.614     | 0.01      | 2.753 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 58.9 | 154        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 3    | 12     | 17     | 1.608     | 0.026     | 2.756 | 0.016     | 0.013     | 0         | 52.9 | 52   | 61.1 | 154        | 150        | 0          | 31     | 29     |
| 2009 | 6     | 21  | 3    | 22     | 17     | 1.683     | -0.039    | 2.756 | 0.02      | 0.016     | 0         | 52.9 | 52   | 61.1 | 154        | 150        | 0          | 31     | 29     |
| 2009 | 6     | 21  | 3    | 32     | 17     | 1.627     | 0.02      | 2.756 | 0.016     | 0.013     | 0         | 53.8 | 52   | 61.9 | 155        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 3    | 42     | 17     | 1.588     | 0.016     | 2.756 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 62.8 | 154        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 3    | 52     | 17     | 1.64      | 0.01      | 2.756 | 0.016     | 0.016     | 0         | 52.9 | 52   | 61.1 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 4    | 2      | 17     | 1.647     | 0.02      | 2.756 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 62.8 | 155        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 4    | 12     | 17     | 1.69      | 0.01      | 2.759 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 62.4 | 154        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 4    | 22     | 17     | 1.667     | -0.033    | 2.759 | 0.016     | 0.013     | 0         | 53.3 | 52.5 | 61.5 | 155        | 151        | 0          | 31     | 29     |
| 2009 | 6     | 21  | 4    | 32     | 17     | 1.67      | 0.016     | 2.759 | 0.02      | 0.016     | 0         | 53.3 | 52   | 61.1 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 4    | 42     | 17     | 1.624     | 0.023     | 2.759 | 0.02      | 0.016     | 0         | 52.9 | 52   | 62.8 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 4    | 52     | 17     | 1.598     | 0.036     | 2.759 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 63.2 | 155        | 152        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 5    | 2      | 17     | 1.614     | 0.01      | 2.759 | 0.016     | 0.016     | 0         | 53.8 | 52   | 62.8 | 155        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 5    | 12     | 17     | 1.673     | 0.01      | 2.759 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 61.5 | 155        | 152        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 5    | 22     | 17     | 1.624     | 0.013     | 2.759 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 61.5 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 5    | 32     | 17     | 1.657     | -0.036    | 2.759 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 61.1 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 5    | 42     | 17     | 1.67      | 0.03      | 2.762 | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 62.4 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 5    | 52     | 17     | 1.627     | 0.007     | 2.762 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 62.8 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 6    | 2      | 17     | 1.627     | 0         | 2.762 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 60.2 | 156        | 152        | 0          | 31     | 29     |
| 2009 | 6     | 21  | 6    | 12     | 17     | 1.631     | 0.026     | 2.762 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 61.5 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 6    | 22     | 17     | 1.663     | 0.039     | 2.762 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 60.6 | 156        | 152        | 0          | 31     | 29     |
| 2009 | 6     | 21  | 6    | 32     | 17     | 1.614     | 0.02      | 2.762 | 0.016     | 0.013     | 0         | 53.8 | 52.9 | 61.1 | 155        | 152        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 6    | 42     | 17     | 1.637     | 0.01      | 2.766 | 0.016     | 0.013     | 0         | 53.8 | 52.5 | 61.1 | 155        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 6    | 52     | 17     | 1.64      | 0.033     | 2.766 | 0.02      | 0.016     | 0         | 53.8 | 52.9 | 60.6 | 155        | 152        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 7    | 2      | 17     | 1.67      | -0.023    | 2.766 | 0.02      | 0.016     | 0         | 53.3 | 52   | 60.2 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 7    | 12     | 17     | 1.604     | -0.007    | 2.766 | 0.016     | 0.016     | 0         | 53.8 | 52   | 60.2 | 155        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 7    | 22     | 17     | 1.64      | -0.013    | 2.766 | 0.016     | 0.016     | 0         | 53.8 | 52   | 60.2 | 155        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 7    | 32     | 17     | 1.654     | 0.056     | 2.766 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 60.2 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 7    | 42     | 17     | 1.657     | 0         | 2.769 | 0.016     | 0.016     | 0         | 53.8 | 52   | 59.3 | 155        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 7    | 52     | 17     | 1.657     | 0.02      | 2.769 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 58   | 155        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 8    | 2      | 17     | 1.634     | 0.016     | 2.772 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 60.2 | 153        | 150        | 0          | 31     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 21  | 8    | 12     | 17     | 1.621     | -0.013    | 2.776 | 0.016     | 0.013     | 0         | 52.5 | 52   | 59.3 | 153        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 8    | 22     | 17     | 1.673     | 0         | 2.776 | 0.013     | 0.01      | 0         | 52.5 | 51.6 | 59.3 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 8    | 32     | 17     | 1.667     | 0.016     | 2.779 | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 58.5 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 8    | 42     | 17     | 1.673     | 0.02      | 2.779 | 0.016     | 0.016     | 0         | 53.3 | 52   | 58.9 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 8    | 52     | 17     | 1.581     | 0.046     | 2.779 | 0.016     | 0.013     | 0         | 53.3 | 52   | 60.2 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 9    | 2      | 17     | 1.621     | -0.023    | 2.782 | 0.02      | 0.016     | 0         | 53.3 | 52   | 59.3 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 9    | 12     | 17     | 1.621     | 0.036     | 2.782 | 0.016     | 0.016     | 0         | 52.9 | 52   | 60.6 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 9    | 22     | 17     | 1.677     | 0.003     | 2.782 | 0.016     | 0.016     | 0         | 53.3 | 52   | 58.9 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 9    | 32     | 17     | 1.631     | 0.013     | 2.785 | 0.016     | 0.016     | 0         | 53.3 | 52   | 61.5 | 154        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 9    | 42     | 17     | 1.65      | 0.016     | 2.785 | 0.016     | 0.016     | 0         | 53.3 | 51.6 | 60.6 | 154        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 9    | 52     | 17     | 1.64      | 0.03      | 2.785 | 0.02      | 0.016     | 0         | 52.9 | 51.6 | 61.9 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 10   | 2      | 17     | 1.693     | 0.013     | 2.785 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 60.6 | 153        | 150        | 0          | 31     | 31     |
| 2009 | 6     | 21  | 10   | 12     | 17     | 1.637     | 0.01      | 2.789 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 62.4 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 10   | 22     | 17     | 1.677     | 0.026     | 2.785 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 61.9 | 153        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 21  | 10   | 32     | 17     | 1.657     | 0.01      | 2.789 | 0.016     | 0.013     | 0         | 53.3 | 52   | 61.1 | 154        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 10   | 42     | 17     | 1.594     | 0.016     | 2.789 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 63.2 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 10   | 52     | 17     | 1.601     | 0.033     | 2.789 | 0.016     | 0.013     | 0         | 52   | 51.2 | 62.4 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 11   | 2      | 17     | 1.673     | 0.02      | 2.792 | 0.016     | 0.016     | 0         | 52.9 | 51.2 | 64.1 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 11   | 12     | 17     | 1.66      | -0.013    | 2.792 | 0.016     | 0.013     | 0         | 52.9 | 51.2 | 61.1 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 11   | 22     | 17     | 1.667     | 0         | 2.792 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 63.2 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 11   | 32     | 17     | 1.64      | -0.033    | 2.792 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 62.8 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 11   | 42     | 17     | 1.634     | -0.013    | 2.792 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 63.6 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 11   | 52     | 17     | 1.644     | -0.013    | 2.792 | 0.016     | 0.016     | 0         | 51.6 | 51.6 | 62.8 | 151        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 21  | 12   | 2      | 17     | 1.614     | 0.072     | 2.792 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 62.8 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 12   | 12     | 17     | 1.66      | -0.007    | 2.792 | 0.02      | 0.016     | 0         | 52.5 | 50.7 | 64.1 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 12   | 22     | 17     | 1.644     | 0.03      | 2.795 | 0.016     | 0.013     | 0         | 52   | 50.7 | 63.6 | 152        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 12   | 32     | 17     | 1.634     | 0.036     | 2.792 | 0.013     | 0.01      | 0         | 52   | 50.7 | 63.2 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 12   | 42     | 17     | 1.617     | 0.02      | 2.795 | 0.016     | 0.013     | 0         | 52   | 50.7 | 63.6 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 12   | 52     | 17     | 1.657     | 0.036     | 2.795 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 64.9 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 13   | 2      | 17     | 1.637     | -0.003    | 2.795 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 63.6 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 13   | 12     | 17     | 1.67      | 0         | 2.795 | 0.016     | 0.013     | 0         | 52   | 50.7 | 63.6 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 13   | 22     | 17     | 1.624     | 0.023     | 2.795 | 0.02      | 0.016     | 0         | 51.6 | 50.7 | 64.1 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 13   | 32     | 17     | 1.598     | 0.059     | 2.795 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 62.8 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 13   | 42     | 17     | 1.604     | 0.039     | 2.795 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 64.1 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 13   | 52     | 17     | 1.66      | 0.046     | 2.795 | 0.016     | 0.013     | 0         | 52   | 50.7 | 64.5 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 14   | 2      | 17     | 1.66      | 0.023     | 2.795 | 0.016     | 0.013     | 0         | 52   | 51.2 | 63.6 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 14   | 12     | 17     | 1.581     | 0.066     | 2.799 | 0.02      | 0.016     | 0         | 52   | 51.2 | 63.6 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 14   | 22     | 17     | 1.667     | 0.02      | 2.799 | 0.016     | 0.013     | 0         | 52   | 51.2 | 64.1 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 14   | 32     | 17     | 1.657     | 0.046     | 2.799 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 64.5 | 151        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 14   | 42     | 17     | 1.673     | 0.016     | 2.799 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 63.2 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 14   | 52     | 17     | 1.657     | 0.01      | 2.799 | 0.02      | 0.016     | 0         | 52   | 50.7 | 62.8 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 15   | 2      | 17     | 1.581     | 0.023     | 2.799 | 0.016     | 0.013     | 0         | 52   | 51.2 | 64.5 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 15   | 12     | 17     | 1.64      | 0.01      | 2.799 | 0.016     | 0.013     | 0         | 52   | 50.3 | 65.4 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 15   | 22     | 17     | 1.627     | 0.046     | 2.799 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 63.6 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 15   | 32     | 17     | 1.693     | 0.033     | 2.799 | 0.016     | 0.013     | 0         | 52   | 50.7 | 63.2 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 15   | 42     | 17     | 1.575     | 0.062     | 2.802 | 0.016     | 0.013     | 0         | 51.2 | 50.7 | 64.9 | 150        | 147        | 0          | 31     | 29     |
| 2009 | 6     | 21  | 15   | 52     | 17     | 1.611     | 0.026     | 2.802 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 63.2 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 16   | 2      | 17     | 1.67      | 0.026     | 2.802 | 0.013     | 0.01      | 0         | 52   | 50.7 | 63.6 | 151        | 147        | 0          | 30     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 21  | 16   | 12     | 17     | 1.654     | 0         | 2.802 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 64.1 | 150        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 16   | 22     | 17     | 1.663     | 0         | 2.802 | 0.02      | 0.016     | 0         | 51.6 | 50.3 | 64.1 | 150        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 16   | 32     | 17     | 1.663     | 0.02      | 2.802 | 0.016     | 0.016     | 0         | 52   | 50.3 | 63.2 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 16   | 42     | 17     | 1.696     | 0.01      | 2.802 | 0.016     | 0.016     | 0         | 52   | 50.7 | 61.9 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 16   | 52     | 17     | 1.631     | 0.023     | 2.802 | 0.016     | 0.013     | 0         | 52   | 51.2 | 64.1 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 17   | 2      | 17     | 1.644     | 0.033     | 2.802 | 0.013     | 0.01      | 0         | 52   | 50.3 | 62.8 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 17   | 12     | 17     | 1.591     | 0.023     | 2.802 | 0.016     | 0.016     | 0         | 51.6 | 50.3 | 65.4 | 151        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 17   | 22     | 17     | 1.647     | 0.013     | 2.802 | 0.016     | 0.016     | 0         | 52   | 50.7 | 63.6 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 17   | 32     | 17     | 1.637     | 0.049     | 2.802 | 0.013     | 0.01      | 0         | 52   | 50.3 | 64.1 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 17   | 42     | 17     | 1.65      | -0.02     | 2.805 | 0.016     | 0.016     | 0         | 51.6 | 50.3 | 63.6 | 151        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 17   | 52     | 17     | 1.686     | 0.03      | 2.805 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 62.4 | 151        | 147        | 0          | 31     | 29     |
| 2009 | 6     | 21  | 18   | 2      | 17     | 1.624     | 0.043     | 2.805 | 0.016     | 0.013     | 0         | 52   | 50.3 | 64.1 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 18   | 12     | 17     | 1.631     | 0.056     | 2.805 | 0.023     | 0.02      | 0         | 51.6 | 50.7 | 63.6 | 150        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 18   | 22     | 17     | 1.663     | 0.01      | 2.805 | 0.016     | 0.013     | 0         | 52   | 50.7 | 62.4 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 18   | 32     | 17     | 1.624     | 0.043     | 2.805 | 0.016     | 0.016     | 0         | 51.6 | 50.3 | 62.8 | 150        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 18   | 42     | 17     | 1.637     | 0.02      | 2.805 | 0.016     | 0.016     | 0         | 52   | 50.7 | 63.2 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 18   | 52     | 17     | 1.637     | 0.023     | 2.805 | 0.016     | 0.016     | 0         | 51.6 | 50.3 | 63.6 | 150        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 19   | 2      | 17     | 1.581     | 0.082     | 2.805 | 0.016     | 0.013     | 0         | 52   | 50.7 | 63.6 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 19   | 12     | 17     | 1.631     | 0.007     | 2.805 | 0.016     | 0.013     | 0         | 52   | 51.2 | 63.2 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 19   | 22     | 17     | 1.699     | 0.033     | 2.805 | 0.016     | 0.016     | 0         | 52   | 50.7 | 63.2 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 19   | 32     | 17     | 1.683     | 0.039     | 2.808 | 0.02      | 0.016     | 0         | 52   | 50.3 | 62.8 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 19   | 42     | 17     | 1.614     | 0.043     | 2.808 | 0.016     | 0.013     | 0         | 52   | 50.7 | 63.2 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 19   | 52     | 17     | 1.588     | 0.036     | 2.808 | 0.016     | 0.013     | 0         | 52   | 50.3 | 63.6 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 20   | 2      | 17     | 1.634     | 0.007     | 2.808 | 0.016     | 0.016     | 0         | 52   | 50.7 | 63.2 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 20   | 12     | 17     | 1.598     | 0.023     | 2.808 | 0.016     | 0.016     | 0         | 52   | 50.7 | 62.8 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 20   | 22     | 17     | 1.647     | 0.039     | 2.808 | 0.016     | 0.016     | 0         | 52   | 50.3 | 61.9 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 20   | 32     | 17     | 1.667     | 0.007     | 2.808 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 62.4 | 151        | 147        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 20   | 42     | 17     | 1.598     | 0.02      | 2.808 | 0.016     | 0.016     | 0         | 52   | 51.2 | 63.6 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 20   | 52     | 17     | 1.663     | -0.003    | 2.808 | 0.016     | 0.016     | 0         | 52   | 51.2 | 60.6 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 21   | 2      | 17     | 1.647     | -0.016    | 2.808 | 0.016     | 0.016     | 0         | 52   | 50.7 | 63.2 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 21   | 12     | 17     | 1.647     | 0.049     | 2.808 | 0.016     | 0.013     | 0         | 52   | 50.3 | 62.8 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 21   | 22     | 17     | 1.65      | 0.036     | 2.808 | 0.016     | 0.013     | 0         | 52   | 50.7 | 61.9 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 21   | 32     | 17     | 1.657     | 0         | 2.808 | 0.02      | 0.016     | 0         | 51.2 | 50.3 | 62.8 | 150        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 21   | 42     | 17     | 1.647     | 0.023     | 2.808 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 61.1 | 151        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 21   | 52     | 17     | 1.624     | 0.033     | 2.812 | 0.016     | 0.013     | 0         | 52   | 50.7 | 62.4 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 22   | 2      | 17     | 1.601     | 0.01      | 2.808 | 0.016     | 0.016     | 0         | 52   | 50.3 | 61.9 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 22   | 12     | 17     | 1.69      | -0.01     | 2.812 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.5 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 22   | 22     | 17     | 1.66      | -0.023    | 2.808 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 63.2 | 152        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 22   | 32     | 17     | 1.644     | 0.01      | 2.808 | 0.016     | 0.016     | 0         | 52   | 51.2 | 62.4 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 22   | 42     | 17     | 1.581     | 0.02      | 2.808 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 62.8 | 151        | 147        | 0          | 29     | 30     |
| 2009 | 6     | 21  | 22   | 52     | 17     | 1.624     | 0         | 2.812 | 0.016     | 0.016     | 0         | 52   | 50.7 | 62.4 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 23   | 2      | 17     | 1.683     | 0.03      | 2.808 | 0.016     | 0.016     | 0         | 52   | 50.7 | 61.9 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 23   | 12     | 17     | 1.67      | 0         | 2.812 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.5 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 23   | 22     | 17     | 1.644     | 0.013     | 2.812 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 61.5 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 23   | 32     | 17     | 1.667     | 0         | 2.808 | 0.016     | 0.013     | 0         | 52   | 51.2 | 61.9 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 23   | 42     | 17     | 1.637     | 0.033     | 2.808 | 0.02      | 0.016     | 0         | 52.5 | 51.2 | 62.8 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 23   | 52     | 17     | 1.667     | 0.023     | 2.808 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.9 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 0    | 2      | 17     | 1.66      | 0.016     | 2.808 | 0.016     | 0.013     | 0         | 52.5 | 50.7 | 61.5 | 152        | 148        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 22  | 0    | 12     | 17     | 1.677     | 0.069     | 2.808 | 0.02      | 0.016     | 0         | 52.5 | 50.7 | 61.9 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 0    | 22     | 17     | 1.617     | -0.02     | 2.808 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.5 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 0    | 32     | 17     | 1.614     | 0.043     | 2.808 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 61.9 | 153        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 0    | 42     | 17     | 1.677     | 0.02      | 2.808 | 0.016     | 0.016     | 0         | 52.9 | 50.7 | 62.4 | 153        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 0    | 52     | 17     | 1.647     | 0.039     | 2.808 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.9 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 1    | 2      | 17     | 1.644     | 0.02      | 2.808 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 60.2 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 1    | 12     | 17     | 1.644     | 0.03      | 2.808 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 61.1 | 153        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 1    | 22     | 17     | 1.617     | 0.066     | 2.808 | 0.016     | 0.013     | 0         | 52.5 | 52   | 63.2 | 152        | 149        | 0          | 30     | 28     |
| 2009 | 6     | 22  | 1    | 32     | 17     | 1.611     | -0.003    | 2.808 | 0.016     | 0.016     | 0         | 52.9 | 51.2 | 60.6 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 1    | 42     | 17     | 1.667     | 0.033     | 2.808 | 0.016     | 0.013     | 0         | 52   | 51.6 | 60.6 | 152        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 22  | 1    | 52     | 17     | 1.614     | 0.033     | 2.808 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 62.8 | 153        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 22  | 2    | 2      | 17     | 1.627     | 0.016     | 2.808 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 62.8 | 153        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 2    | 12     | 17     | 1.621     | -0.013    | 2.808 | 0.016     | 0.016     | 0         | 52.9 | 52   | 61.5 | 153        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 2    | 22     | 17     | 1.673     | 0.003     | 2.808 | 0.016     | 0.013     | 0         | 53.3 | 51.6 | 61.1 | 154        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 2    | 32     | 17     | 1.647     | 0.016     | 2.805 | 0.016     | 0.016     | 0         | 53.3 | 51.6 | 61.1 | 154        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 2    | 42     | 17     | 1.611     | 0.056     | 2.805 | 0.016     | 0.013     | 0         | 53.3 | 52.5 | 61.9 | 154        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 2    | 52     | 17     | 1.601     | 0.03      | 2.805 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 62.4 | 154        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 3    | 2      | 17     | 1.683     | -0.013    | 2.805 | 0.016     | 0.013     | 0         | 53.3 | 52.5 | 61.1 | 154        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 3    | 12     | 17     | 1.696     | 0.02      | 2.805 | 0.016     | 0.013     | 0         | 53.3 | 52   | 60.6 | 154        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 3    | 22     | 17     | 1.604     | 0.03      | 2.805 | 0.016     | 0.013     | 0         | 53.3 | 52.5 | 61.1 | 154        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 3    | 32     | 17     | 1.634     | 0.023     | 2.805 | 0.016     | 0.016     | 0         | 52.9 | 52   | 60.6 | 154        | 150        | 0          | 31     | 29     |
| 2009 | 6     | 22  | 3    | 42     | 17     | 1.608     | 0.036     | 2.805 | 0.016     | 0.013     | 0         | 52.9 | 52   | 59.8 | 154        | 150        | 0          | 31     | 29     |
| 2009 | 6     | 22  | 3    | 52     | 17     | 1.598     | 0.085     | 2.805 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 62.4 | 154        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 4    | 2      | 17     | 1.608     | 0.043     | 2.805 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 60.2 | 154        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 4    | 12     | 17     | 1.601     | 0.01      | 2.805 | 0.016     | 0.013     | 0         | 53.8 | 52.5 | 61.5 | 155        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 4    | 22     | 17     | 1.64      | 0.013     | 2.805 | 0.016     | 0.013     | 0         | 53.3 | 52.5 | 60.6 | 155        | 151        | 0          | 31     | 29     |
| 2009 | 6     | 22  | 4    | 32     | 17     | 1.64      | -0.026    | 2.805 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 59.3 | 155        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 4    | 42     | 17     | 1.65      | 0.013     | 2.805 | 0.016     | 0.013     | 0         | 54.2 | 52.5 | 59.3 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 4    | 52     | 17     | 1.608     | 0.056     | 2.805 | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 59.8 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 5    | 2      | 17     | 1.631     | 0.023     | 2.805 | 0.016     | 0.013     | 0         | 54.2 | 52.5 | 60.2 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 5    | 12     | 17     | 1.66      | -0.023    | 2.805 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 58.9 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 5    | 22     | 17     | 1.604     | -0.003    | 2.805 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 59.8 | 157        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 5    | 32     | 17     | 1.657     | -0.016    | 2.805 | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 58.9 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 5    | 42     | 17     | 1.654     | 0.043     | 2.805 | 0.016     | 0.013     | 0         | 53.8 | 52.5 | 60.6 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 5    | 52     | 17     | 1.591     | 0.023     | 2.805 | 0.016     | 0.013     | 0         | 54.2 | 52.9 | 60.6 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 6    | 2      | 17     | 1.66      | 0.03      | 2.805 | 0.016     | 0.013     | 0         | 54.2 | 52.9 | 60.2 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 6    | 12     | 17     | 1.67      | 0.007     | 2.805 | 0.016     | 0.013     | 0         | 53.8 | 52.5 | 58.5 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 6    | 22     | 17     | 1.598     | 0.01      | 2.805 | 0.023     | 0.02      | 0         | 53.8 | 52.5 | 59.8 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 6    | 32     | 17     | 1.588     | 0.062     | 2.805 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 59.8 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 6    | 42     | 17     | 1.627     | 0.013     | 2.805 | 0.02      | 0.016     | 0         | 53.3 | 52.5 | 59.8 | 155        | 151        | 0          | 31     | 29     |
| 2009 | 6     | 22  | 6    | 52     | 17     | 1.614     | 0.026     | 2.805 | 0.016     | 0.016     | 0         | 53.3 | 52.9 | 60.6 | 155        | 152        | 0          | 31     | 29     |
| 2009 | 6     | 22  | 7    | 2      | 17     | 1.67      | -0.033    | 2.805 | 0.02      | 0.016     | 0         | 53.8 | 52   | 60.6 | 155        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 7    | 12     | 17     | 1.644     | 0.033     | 2.805 | 0.013     | 0.01      | 0         | 53.8 | 52.5 | 58.9 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 7    | 22     | 17     | 1.644     | 0.016     | 2.802 | 0.016     | 0.013     | 0         | 53.8 | 52.5 | 59.3 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 7    | 32     | 17     | 1.64      | 0.056     | 2.805 | 0.016     | 0.013     | 0         | 53.8 | 52.9 | 59.3 | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 7    | 42     | 17     | 1.663     | 0.016     | 2.805 | 0.016     | 0.016     | 0         | 54.6 | 53.3 | 56.8 | 157        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 7    | 52     | 17     | 1.64      | -0.007    | 2.805 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 59.3 | 156        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 8    | 2      | 17     | 1.601     | 0.056     | 2.805 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 58.9 | 157        | 154        | 0          | 30     | 29     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 22  | 8    | 12     | 17     | 1.67      | 0.02      | 2.802 | 0.016     | 0.013     | 0         | 54.6 | 53.3 | 58.9 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 8    | 22     | 17     | 1.627     | 0.046     | 2.802 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 58.5 | 158        | 155        | 0          | 31     | 29     |
| 2009 | 6     | 22  | 8    | 32     | 17     | 1.611     | -0.023    | 2.802 | 0.016     | 0.016     | 0         | 55   | 53.8 | 58.9 | 158        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 8    | 42     | 17     | 1.621     | 0.056     | 2.802 | 0.016     | 0.013     | 0         | 54.6 | 53.3 | 58.5 | 158        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 8    | 52     | 17     | 1.637     | -0.026    | 2.802 | 0.016     | 0.016     | 0         | 54.2 | 52.5 | 58.5 | 156        | 153        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 9    | 2      | 17     | 1.591     | 0.046     | 2.802 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 60.2 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 9    | 12     | 17     | 1.654     | 0.016     | 2.802 | 0.016     | 0.013     | 0         | 53.8 | 52.5 | 59.3 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 9    | 22     | 17     | 1.686     | 0.003     | 2.802 | 0.02      | 0.016     | 0         | 53.3 | 52.9 | 60.2 | 155        | 152        | 0          | 31     | 29     |
| 2009 | 6     | 22  | 9    | 32     | 17     | 1.598     | 0.023     | 2.802 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 61.1 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 9    | 42     | 17     | 1.617     | 0.023     | 2.802 | 0.016     | 0.016     | 0         | 53.3 | 52   | 59.8 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 9    | 52     | 17     | 1.65      | -0.013    | 2.802 | 0.016     | 0.016     | 0         | 53.8 | 52   | 60.6 | 155        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 10   | 2      | 17     | 1.601     | 0         | 2.802 | 0.016     | 0.016     | 0         | 52.9 | 52   | 59.8 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 10   | 12     | 17     | 1.637     | -0.01     | 2.802 | 0.016     | 0.016     | 0         | 52.9 | 52   | 60.2 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 10   | 22     | 17     | 1.637     | 0         | 2.802 | 0.013     | 0.01      | 0         | 53.3 | 52   | 61.5 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 10   | 32     | 17     | 1.624     | 0.003     | 2.802 | 0.016     | 0.013     | 0         | 53.3 | 51.6 | 61.1 | 154        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 10   | 42     | 17     | 1.634     | -0.007    | 2.802 | 0.016     | 0.013     | 0         | 52.9 | 52   | 60.6 | 153        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 10   | 52     | 17     | 1.634     | 0         | 2.799 | 0.016     | 0.016     | 0         | 53.3 | 52   | 60.2 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 11   | 2      | 17     | 1.598     | 0.01      | 2.799 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 61.1 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 11   | 12     | 17     | 1.657     | 0.023     | 2.799 | 0.016     | 0.016     | 0         | 53.3 | 52   | 61.1 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 11   | 22     | 17     | 1.565     | 0.016     | 2.799 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 60.2 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 11   | 32     | 17     | 1.647     | 0.023     | 2.799 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 61.5 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 11   | 42     | 17     | 1.611     | 0.036     | 2.799 | 0.016     | 0.016     | 0         | 53.3 | 51.6 | 61.9 | 154        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 11   | 52     | 17     | 1.601     | 0         | 2.799 | 0.02      | 0.016     | 0         | 52.9 | 51.6 | 61.1 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 12   | 2      | 17     | 1.611     | 0.033     | 2.799 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 61.1 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 12   | 12     | 17     | 1.67      | 0.023     | 2.799 | 0.016     | 0.016     | 0         | 52.9 | 51.2 | 61.1 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 12   | 22     | 17     | 1.617     | 0.036     | 2.799 | 0.02      | 0.016     | 0         | 52.9 | 51.6 | 62.4 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 12   | 32     | 17     | 1.621     | 0.01      | 2.799 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 62.4 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 12   | 42     | 17     | 1.617     | 0.033     | 2.799 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.1 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 12   | 52     | 17     | 1.598     | 0.023     | 2.799 | 0.016     | 0.013     | 0         | 52   | 51.2 | 62.8 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 13   | 2      | 17     | 1.67      | -0.023    | 2.799 | 0.016     | 0.016     | 0         | 52   | 51.2 | 61.5 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 13   | 12     | 17     | 1.66      | 0.01      | 2.799 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.5 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 13   | 22     | 17     | 1.608     | 0.01      | 2.799 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 62.4 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 13   | 32     | 17     | 1.611     | -0.023    | 2.802 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 63.2 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 13   | 42     | 17     | 1.657     | 0.023     | 2.799 | 0.013     | 0.01      | 0         | 52.5 | 51.2 | 61.9 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 13   | 52     | 17     | 1.617     | 0.016     | 2.799 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 61.9 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 14   | 2      | 17     | 1.663     | -0.013    | 2.799 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 60.2 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 14   | 12     | 17     | 1.709     | -0.003    | 2.799 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 61.1 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 14   | 22     | 17     | 1.677     | -0.007    | 2.799 | 0.016     | 0.013     | 0         | 52   | 51.6 | 62.8 | 152        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 22  | 14   | 32     | 17     | 1.64      | -0.007    | 2.799 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 62.8 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 14   | 42     | 17     | 1.627     | 0.01      | 2.802 | 0.02      | 0.016     | 0         | 52.5 | 51.2 | 63.6 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 14   | 52     | 17     | 1.647     | -0.02     | 2.799 | 0.016     | 0.013     | 0         | 52   | 51.2 | 61.5 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 15   | 2      | 17     | 1.617     | 0.03      | 2.802 | 0.02      | 0.016     | 0         | 52.5 | 51.2 | 61.5 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 15   | 12     | 17     | 1.66      | -0.007    | 2.802 | 0.016     | 0.013     | 0         | 52   | 50.7 | 62.8 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 15   | 22     | 17     | 1.644     | -0.016    | 2.802 | 0.013     | 0.01      | 0         | 52.5 | 50.7 | 61.5 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 15   | 32     | 17     | 1.64      | 0.01      | 2.802 | 0.02      | 0.016     | 0         | 51.6 | 51.2 | 62.4 | 151        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 22  | 15   | 42     | 17     | 1.663     | 0.02      | 2.802 | 0.02      | 0.016     | 0         | 51.6 | 50.7 | 61.9 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 15   | 52     | 17     | 1.67      | -0.026    | 2.802 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 61.9 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 16   | 2      | 17     | 1.66      | 0.01      | 2.802 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 62.8 | 152        | 148        | 0          | 30     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 22  | 16   | 12     | 17     | 1.663     | 0.02      | 2.802 | 0.016     | 0.016     | 0         | 52   | 50.7 | 62.8 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 16   | 22     | 17     | 1.604     | 0.016     | 2.802 | 0.016     | 0.013     | 0         | 52   | 51.2 | 61.9 | 152        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 22  | 16   | 32     | 17     | 1.637     | 0.023     | 2.802 | 0.016     | 0.016     | 0         | 52   | 51.2 | 63.6 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 16   | 42     | 17     | 1.654     | -0.007    | 2.802 | 0.016     | 0.016     | 0         | 52.9 | 51.2 | 61.1 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 16   | 52     | 17     | 1.644     | 0.02      | 2.802 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 63.2 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 17   | 2      | 17     | 1.631     | 0.03      | 2.802 | 0.02      | 0.016     | 0         | 52   | 51.2 | 62.4 | 152        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 22  | 17   | 12     | 17     | 1.637     | -0.007    | 2.802 | 0.016     | 0.013     | 0         | 52   | 50.7 | 61.9 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 17   | 22     | 17     | 1.64      | -0.03     | 2.802 | 0.016     | 0.013     | 0         | 52   | 51.2 | 61.5 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 17   | 32     | 17     | 1.696     | 0         | 2.802 | 0.02      | 0.016     | 0         | 52.5 | 51.6 | 62.4 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 17   | 42     | 17     | 1.673     | -0.01     | 2.802 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.1 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 17   | 52     | 17     | 1.683     | 0         | 2.802 | 0.013     | 0.01      | 0         | 52   | 51.2 | 61.9 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 18   | 2      | 17     | 1.631     | 0         | 2.802 | 0.02      | 0.016     | 0         | 52.9 | 51.2 | 61.5 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 18   | 12     | 17     | 1.614     | 0.03      | 2.802 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.9 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 18   | 22     | 17     | 1.637     | 0.007     | 2.802 | 0.016     | 0.016     | 0         | 52   | 51.6 | 61.9 | 152        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 22  | 18   | 32     | 17     | 1.621     | 0.01      | 2.802 | 0.016     | 0.013     | 0         | 52   | 51.2 | 62.8 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 18   | 42     | 17     | 1.621     | 0.016     | 2.805 | 0.016     | 0.013     | 0         | 52   | 51.6 | 61.1 | 152        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 22  | 18   | 52     | 17     | 1.621     | 0.043     | 2.805 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.9 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 19   | 2      | 17     | 1.647     | 0.03      | 2.805 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 62.4 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 19   | 12     | 17     | 1.657     | 0         | 2.805 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 62.4 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 19   | 22     | 17     | 1.614     | 0.02      | 2.805 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 61.9 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 19   | 32     | 17     | 1.683     | -0.01     | 2.805 | 0.016     | 0.016     | 0         | 52   | 51.2 | 61.5 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 19   | 42     | 17     | 1.637     | 0.026     | 2.805 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 61.9 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 19   | 52     | 17     | 1.654     | 0         | 2.805 | 0.016     | 0.016     | 0         | 52   | 51.2 | 61.5 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 20   | 2      | 17     | 1.647     | -0.003    | 2.805 | 0.013     | 0.01      | 0         | 52.5 | 51.6 | 61.5 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 20   | 12     | 17     | 1.703     | 0.033     | 2.805 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 59.8 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 20   | 22     | 17     | 1.654     | -0.007    | 2.805 | 0.016     | 0.016     | 0         | 52   | 51.6 | 60.6 | 152        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 22  | 20   | 32     | 17     | 1.66      | -0.02     | 2.805 | 0.02      | 0.016     | 0         | 52.9 | 51.6 | 61.5 | 153        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 20   | 42     | 17     | 1.621     | -0.023    | 2.805 | 0.02      | 0.016     | 0         | 52.9 | 51.6 | 61.9 | 153        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 20   | 52     | 17     | 1.634     | -0.013    | 2.808 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 61.5 | 153        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 21   | 2      | 17     | 1.644     | -0.007    | 2.808 | 0.02      | 0.016     | 0         | 52.5 | 51.6 | 61.9 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 21   | 12     | 17     | 1.631     | 0.01      | 2.808 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 61.5 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 21   | 22     | 17     | 1.624     | 0         | 2.808 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 61.9 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 21   | 32     | 17     | 1.657     | 0.01      | 2.808 | 0.016     | 0.013     | 0         | 52   | 51.2 | 61.1 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 21   | 42     | 17     | 1.654     | -0.016    | 2.808 | 0.016     | 0.016     | 0         | 52   | 50.7 | 61.1 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 21   | 52     | 17     | 1.617     | 0.036     | 2.808 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 63.2 | 151        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 22   | 2      | 17     | 1.696     | -0.033    | 2.808 | 0.023     | 0.02      | 0         | 52   | 50.7 | 61.1 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 22   | 12     | 17     | 1.608     | 0.043     | 2.808 | 0.016     | 0.013     | 0         | 52   | 50.7 | 61.9 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 22   | 22     | 17     | 1.64      | -0.013    | 2.808 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 60.6 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 22   | 32     | 17     | 1.663     | -0.023    | 2.808 | 0.016     | 0.016     | 0         | 52   | 50.3 | 61.1 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 22   | 42     | 17     | 1.654     | 0.023     | 2.808 | 0.016     | 0.013     | 0         | 52   | 50.7 | 61.5 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 22   | 52     | 17     | 1.591     | 0.043     | 2.808 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 61.5 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 23   | 2      | 17     | 1.647     | -0.01     | 2.808 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.5 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 23   | 12     | 17     | 1.654     | -0.023    | 2.812 | 0.02      | 0.016     | 0         | 52.5 | 51.2 | 60.2 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 23   | 22     | 17     | 1.67      | -0.007    | 2.812 | 0.016     | 0.016     | 0         | 52   | 51.6 | 59.8 | 152        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 22  | 23   | 32     | 17     | 1.627     | 0.033     | 2.812 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 61.1 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 23   | 42     | 17     | 1.683     | 0.046     | 2.812 | 0.016     | 0.016     | 0         | 52   | 50.7 | 59.8 | 152        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 23   | 52     | 17     | 1.657     | -0.03     | 2.812 | 0.016     | 0.013     | 0         | 52   | 51.2 | 61.1 | 152        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 23  | 0    | 2      | 17     | 1.66      | -0.016    | 2.812 | 0.013     | 0.01      | 0         | 52.9 | 51.6 | 60.2 | 153        | 149        | 0          | 30     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 23  | 0    | 12     | 17     | 1.617     | 0.026     | 2.812 | 0.016     | 0.016     | 0         | 52.9 | 51.2 | 60.2 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 0    | 22     | 17     | 1.637     | -0.023    | 2.812 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 60.6 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 0    | 32     | 17     | 1.588     | 0.036     | 2.815 | 0.016     | 0.013     | 0         | 52.9 | 51.2 | 58.9 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 0    | 42     | 17     | 1.66      | -0.01     | 2.812 | 0.016     | 0.013     | 0         | 53.3 | 52   | 59.3 | 154        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 0    | 52     | 17     | 1.66      | 0.003     | 2.812 | 0.016     | 0.016     | 0         | 52.9 | 51.2 | 58.5 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 1    | 2      | 17     | 1.647     | -0.023    | 2.815 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 58.9 | 153        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 23  | 1    | 12     | 17     | 1.667     | -0.01     | 2.815 | 0.016     | 0.013     | 0         | 52.9 | 51.2 | 60.6 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 1    | 22     | 17     | 1.647     | 0.01      | 2.815 | 0.02      | 0.016     | 0         | 52.9 | 52   | 59.3 | 153        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 1    | 32     | 17     | 1.663     | 0.043     | 2.815 | 0.013     | 0.01      | 0         | 52.9 | 51.6 | 58   | 154        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 1    | 42     | 17     | 1.663     | 0.043     | 2.815 | 0.016     | 0.016     | 0         | 53.3 | 51.6 | 59.8 | 154        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 1    | 52     | 17     | 1.65      | -0.03     | 2.815 | 0.016     | 0.016     | 0         | 53.3 | 52   | 58.5 | 154        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 2    | 2      | 17     | 1.631     | -0.03     | 2.818 | 0.02      | 0.016     | 0         | 53.3 | 51.6 | 58.9 | 154        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 2    | 12     | 17     | 1.654     | 0.013     | 2.818 | 0.016     | 0.013     | 0         | 53.8 | 52   | 57.6 | 155        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 2    | 22     | 17     | 1.627     | 0.01      | 2.818 | 0.016     | 0.013     | 0         | 53.3 | 52.5 | 59.3 | 154        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 2    | 32     | 17     | 1.637     | -0.016    | 2.818 | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 58.9 | 154        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 2    | 42     | 17     | 1.631     | 0         | 2.818 | 0.013     | 0.01      | 0         | 53.8 | 52   | 58.5 | 155        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 2    | 52     | 17     | 1.65      | -0.003    | 2.822 | 0.016     | 0.013     | 0         | 53.3 | 52.5 | 60.2 | 154        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 3    | 2      | 17     | 1.66      | -0.03     | 2.822 | 0.016     | 0.016     | 0         | 53.3 | 52   | 59.3 | 154        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 3    | 12     | 17     | 1.611     | 0.062     | 2.822 | 0.016     | 0.016     | 0         | 53.3 | 51.6 | 60.2 | 154        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 3    | 22     | 17     | 1.631     | 0.046     | 2.825 | 0.02      | 0.016     | 0         | 52.9 | 51.6 | 60.2 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 3    | 32     | 17     | 1.634     | -0.003    | 2.825 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 60.2 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 3    | 42     | 17     | 1.69      | -0.01     | 2.825 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 60.6 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 3    | 52     | 17     | 1.654     | -0.003    | 2.825 | 0.016     | 0.016     | 0         | 53.3 | 52   | 60.6 | 154        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 4    | 2      | 17     | 1.614     | 0.023     | 2.825 | 0.016     | 0.013     | 0         | 53.3 | 51.6 | 59.8 | 154        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 4    | 12     | 17     | 1.66      | 0.046     | 2.825 | 0.016     | 0.013     | 0         | 53.3 | 52   | 59.8 | 154        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 4    | 22     | 17     | 1.614     | 0.013     | 2.828 | 0.013     | 0.01      | 0         | 53.3 | 52.5 | 59.8 | 155        | 151        | 0          | 31     | 29     |
| 2009 | 6     | 23  | 4    | 32     | 17     | 1.654     | 0         | 2.828 | 0.016     | 0.016     | 0         | 53.3 | 52   | 60.2 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 4    | 42     | 17     | 1.588     | 0.033     | 2.828 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 60.6 | 154        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 4    | 52     | 17     | 1.657     | -0.016    | 2.828 | 0.013     | 0.01      | 0         | 53.8 | 52.5 | 60.2 | 155        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 5    | 2      | 17     | 1.67      | 0.013     | 2.828 | 0.016     | 0.016     | 0         | 53.3 | 52.5 | 61.9 | 154        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 5    | 12     | 17     | 1.663     | 0.039     | 2.828 | 0.016     | 0.016     | 0         | 53.3 | 52   | 61.5 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 5    | 22     | 17     | 1.617     | 0.003     | 2.828 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 61.5 | 155        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 5    | 32     | 17     | 1.663     | -0.023    | 2.828 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 60.6 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 5    | 42     | 17     | 1.591     | 0.039     | 2.831 | 0.016     | 0.013     | 0         | 53.8 | 52.5 | 62.4 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 5    | 52     | 17     | 1.621     | 0.023     | 2.831 | 0.016     | 0.016     | 0         | 53.3 | 52   | 62.4 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 6    | 2      | 17     | 1.65      | -0.016    | 2.831 | 0.016     | 0.013     | 0         | 53.8 | 52   | 61.1 | 155        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 6    | 12     | 17     | 1.631     | 0.003     | 2.831 | 0.02      | 0.016     | 0         | 52.9 | 52   | 63.2 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 6    | 22     | 17     | 1.667     | -0.039    | 2.831 | 0.016     | 0.016     | 0         | 52.9 | 52.5 | 62.8 | 154        | 151        | 0          | 31     | 29     |
| 2009 | 6     | 23  | 6    | 32     | 17     | 1.621     | -0.013    | 2.831 | 0.02      | 0.016     | 0         | 52.9 | 52   | 62.4 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 6    | 42     | 17     | 1.667     | 0.013     | 2.831 | 0.016     | 0.013     | 0         | 52.9 | 52   | 61.9 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 6    | 52     | 17     | 1.598     | 0.007     | 2.831 | 0.013     | 0.01      | 0         | 52.9 | 52.5 | 61.9 | 154        | 151        | 0          | 31     | 29     |
| 2009 | 6     | 23  | 7    | 2      | 17     | 1.66      | -0.033    | 2.831 | 0.013     | 0.01      | 0         | 52.9 | 51.2 | 61.5 | 153        | 150        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 7    | 12     | 17     | 1.601     | 0.033     | 2.831 | 0.016     | 0.016     | 0         | 53.3 | 51.6 | 62.8 | 154        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 7    | 22     | 17     | 1.611     | 0.01      | 2.831 | 0.016     | 0.013     | 0         | 52.5 | 52   | 62.8 | 153        | 150        | 0          | 31     | 29     |
| 2009 | 6     | 23  | 7    | 32     | 17     | 1.601     | 0.02      | 2.831 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 62.4 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 7    | 42     | 17     | 1.627     | 0.007     | 2.831 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 62.8 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 7    | 52     | 17     | 1.634     | -0.013    | 2.831 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 62.8 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 8    | 2      | 17     | 1.591     | 0.023     | 2.831 | 0.016     | 0.016     | 0         | 52.5 | 52   | 62.8 | 153        | 150        | 0          | 31     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 23  | 8    | 12     | 17     | 1.627     | 0.046     | 2.831 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 61.9 | 153        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 8    | 22     | 17     | 1.634     | -0.01     | 2.831 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 63.2 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 8    | 32     | 17     | 1.624     | -0.01     | 2.831 | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 62.4 | 153        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 8    | 42     | 17     | 1.585     | 0.023     | 2.831 | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 62.4 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 8    | 52     | 17     | 1.594     | 0.01      | 2.831 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 61.9 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 9    | 2      | 17     | 1.647     | 0.03      | 2.831 | 0.02      | 0.016     | 0         | 52.5 | 51.6 | 61.5 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 9    | 12     | 17     | 1.657     | -0.052    | 2.831 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 60.2 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 9    | 22     | 17     | 1.624     | -0.02     | 2.835 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 61.9 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 9    | 32     | 17     | 1.611     | 0.01      | 2.835 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 61.9 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 9    | 42     | 17     | 1.64      | 0.003     | 2.835 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 61.1 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 9    | 52     | 17     | 1.621     | 0.026     | 2.835 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 61.9 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 10   | 2      | 17     | 1.64      | 0.013     | 2.835 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 60.2 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 10   | 12     | 17     | 1.611     | 0.033     | 2.835 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 61.9 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 10   | 22     | 17     | 1.67      | -0.039    | 2.835 | 0.016     | 0.013     | 0         | 52.9 | 52   | 60.6 | 153        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 10   | 32     | 17     | 1.598     | 0.03      | 2.835 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 61.1 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 10   | 42     | 17     | 1.667     | 0.007     | 2.835 | 0.016     | 0.013     | 0         | 52.5 | 52   | 62.4 | 153        | 150        | 0          | 31     | 29     |
| 2009 | 6     | 23  | 10   | 52     | 17     | 1.581     | 0.023     | 2.835 | 0.013     | 0.01      | 0         | 52.9 | 51.6 | 61.9 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 11   | 2      | 17     | 1.637     | 0.02      | 2.835 | 0.02      | 0.016     | 0         | 52.5 | 51.6 | 61.9 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 11   | 12     | 17     | 1.588     | 0.02      | 2.835 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 62.4 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 11   | 22     | 17     | 1.64      | 0.016     | 2.835 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 62.4 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 11   | 32     | 17     | 1.624     | 0.03      | 2.835 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 62.8 | 153        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 23  | 11   | 42     | 17     | 1.617     | 0.016     | 2.838 | 0.016     | 0.016     | 0         | 52   | 51.2 | 63.2 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 11   | 52     | 17     | 1.624     | -0.02     | 2.838 | 0.016     | 0.013     | 0         | 52   | 51.2 | 61.1 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 12   | 2      | 17     | 1.657     | 0.01      | 2.838 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 59.8 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 12   | 12     | 17     | 1.68      | -0.039    | 2.838 | 0.02      | 0.016     | 0         | 52.5 | 51.2 | 60.2 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 12   | 22     | 17     | 1.64      | 0.013     | 2.838 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 62.4 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 12   | 32     | 17     | 1.696     | -0.01     | 2.838 | 0.016     | 0.016     | 0         | 51.6 | 51.2 | 63.2 | 151        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 12   | 42     | 17     | 1.65      | -0.03     | 2.838 | 0.016     | 0.013     | 0         | 52.5 | 50.7 | 62.8 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 12   | 52     | 17     | 1.624     | -0.013    | 2.838 | 0.02      | 0.016     | 0         | 51.6 | 50.7 | 61.5 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 13   | 2      | 17     | 1.601     | 0.007     | 2.838 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 62.8 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 13   | 12     | 17     | 1.565     | 0.039     | 2.838 | 0.016     | 0.013     | 0         | 52   | 51.6 | 62.4 | 152        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 23  | 13   | 22     | 17     | 1.66      | 0         | 2.838 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 61.1 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 13   | 32     | 17     | 1.637     | 0.02      | 2.841 | 0.016     | 0.016     | 0         | 51.6 | 50.3 | 61.1 | 151        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 13   | 42     | 17     | 1.663     | 0         | 2.841 | 0.016     | 0.013     | 0         | 51.6 | 51.2 | 61.5 | 151        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 23  | 13   | 52     | 17     | 1.631     | 0.046     | 2.841 | 0.016     | 0.013     | 0         | 52   | 50.7 | 61.1 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 14   | 2      | 17     | 1.631     | 0.026     | 2.841 | 0.02      | 0.016     | 0         | 52   | 50.7 | 62.4 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 14   | 12     | 17     | 1.637     | -0.02     | 2.841 | 0.02      | 0.016     | 0         | 52   | 50.3 | 61.5 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 14   | 22     | 17     | 1.66      | 0         | 2.841 | 0.016     | 0.016     | 0         | 51.6 | 51.2 | 62.4 | 151        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 23  | 14   | 32     | 17     | 1.69      | -0.056    | 2.841 | 0.016     | 0.013     | 0         | 52   | 51.2 | 60.2 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 14   | 42     | 17     | 1.611     | 0.013     | 2.841 | 0.016     | 0.016     | 0         | 52   | 50.3 | 63.2 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 14   | 52     | 17     | 1.614     | 0.02      | 2.841 | 0.016     | 0.013     | 0         | 52   | 50.7 | 63.6 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 15   | 2      | 17     | 1.568     | 0.026     | 2.841 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 62.4 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 15   | 12     | 17     | 1.657     | 0.016     | 2.841 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 61.5 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 15   | 22     | 17     | 1.631     | 0.02      | 2.841 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.5 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 15   | 32     | 17     | 1.647     | 0.023     | 2.841 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 62.8 | 153        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 23  | 15   | 42     | 17     | 1.647     | -0.007    | 2.841 | 0.016     | 0.013     | 0         | 52.5 | 50.7 | 61.9 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 15   | 52     | 17     | 1.624     | 0.023     | 2.841 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 60.6 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 16   | 2      | 17     | 1.617     | 0.013     | 2.841 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 61.5 | 152        | 149        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 23  | 16   | 12     | 17     | 1.617     | 0.003     | 2.841 | 0.02      | 0.016     | 0         | 52.5 | 51.6 | 61.5 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 16   | 22     | 17     | 1.614     | 0.052     | 2.841 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.9 | 153        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 16   | 32     | 17     | 1.611     | -0.036    | 2.841 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 60.2 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 16   | 42     | 17     | 1.604     | 0.039     | 2.844 | 0.016     | 0.013     | 0         | 52   | 51.6 | 60.6 | 152        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 23  | 16   | 52     | 17     | 1.591     | -0.016    | 2.844 | 0.016     | 0.016     | 0         | 52   | 51.2 | 61.1 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 17   | 2      | 17     | 1.65      | 0.013     | 2.844 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 61.9 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 17   | 12     | 17     | 1.631     | 0.023     | 2.844 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 61.5 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 17   | 22     | 17     | 1.588     | 0.02      | 2.844 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 61.9 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 17   | 32     | 17     | 1.69      | 0.049     | 2.844 | 0.016     | 0.013     | 0         | 52   | 51.2 | 61.5 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 17   | 42     | 17     | 1.575     | 0.023     | 2.844 | 0.013     | 0.01      | 0         | 52   | 51.2 | 61.9 | 152        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 23  | 17   | 52     | 17     | 1.667     | 0.013     | 2.844 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 62.4 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 18   | 2      | 17     | 1.617     | 0.046     | 2.844 | 0.016     | 0.016     | 0         | 52   | 50.7 | 63.2 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 18   | 12     | 17     | 1.637     | 0         | 2.844 | 0.016     | 0.016     | 0         | 52   | 50.7 | 62.4 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 18   | 22     | 17     | 1.66      | 0         | 2.844 | 0.016     | 0.016     | 0         | 52   | 50.3 | 61.9 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 18   | 32     | 17     | 1.562     | 0.033     | 2.848 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 62.4 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 18   | 42     | 17     | 1.588     | 0.049     | 2.844 | 0.016     | 0.016     | 0         | 52   | 50.7 | 62.4 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 18   | 52     | 17     | 1.644     | 0.033     | 2.848 | 0.016     | 0.016     | 0         | 52   | 51.2 | 62.8 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 19   | 2      | 17     | 1.634     | 0.033     | 2.848 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 61.9 | 151        | 147        | 0          | 31     | 29     |
| 2009 | 6     | 23  | 19   | 12     | 17     | 1.598     | 0.033     | 2.848 | 0.02      | 0.016     | 0         | 52   | 50.7 | 63.2 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 19   | 22     | 17     | 1.693     | -0.016    | 2.848 | 0.016     | 0.016     | 0         | 52   | 50.3 | 63.2 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 19   | 32     | 17     | 1.624     | 0.01      | 2.848 | 0.02      | 0.016     | 0         | 51.6 | 50.7 | 61.1 | 151        | 147        | 0          | 31     | 29     |
| 2009 | 6     | 23  | 19   | 42     | 17     | 1.634     | 0.007     | 2.848 | 0.016     | 0.016     | 0         | 52   | 51.2 | 61.9 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 19   | 52     | 17     | 1.637     | 0         | 2.848 | 0.016     | 0.016     | 0         | 52   | 50.7 | 61.9 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 20   | 2      | 17     | 1.647     | -0.007    | 2.851 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 59.8 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 20   | 12     | 17     | 1.667     | -0.059    | 2.851 | 0.02      | 0.016     | 0         | 52.5 | 51.2 | 59.8 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 20   | 22     | 17     | 1.637     | 0.023     | 2.851 | 0.02      | 0.016     | 0         | 52.5 | 51.2 | 60.6 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 20   | 32     | 17     | 1.657     | -0.023    | 2.851 | 0.016     | 0.016     | 0         | 52   | 51.2 | 60.2 | 152        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 23  | 20   | 42     | 17     | 1.608     | 0.036     | 2.851 | 0.016     | 0.013     | 0         | 52.5 | 50.7 | 59.3 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 20   | 52     | 17     | 1.65      | 0.023     | 2.851 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 59.3 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 21   | 2      | 17     | 1.673     | 0         | 2.851 | 0.023     | 0.02      | 0         | 52   | 51.2 | 60.6 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 21   | 12     | 17     | 1.601     | 0.056     | 2.851 | 0.02      | 0.016     | 0         | 52.5 | 51.2 | 61.5 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 21   | 22     | 17     | 1.683     | -0.013    | 2.854 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 58.9 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 21   | 32     | 17     | 1.585     | 0.03      | 2.854 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 60.2 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 21   | 42     | 17     | 1.66      | 0.033     | 2.854 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 58.9 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 21   | 52     | 17     | 1.644     | 0.01      | 2.854 | 0.016     | 0.013     | 0         | 52   | 50.7 | 60.2 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 22   | 2      | 17     | 1.634     | -0.016    | 2.858 | 0.016     | 0.013     | 0         | 52.5 | 50.7 | 58.9 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 22   | 12     | 17     | 1.647     | 0.066     | 2.858 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 60.2 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 22   | 22     | 17     | 1.614     | -0.033    | 2.858 | 0.016     | 0.016     | 0         | 52.9 | 51.2 | 59.8 | 152        | 149        | 0          | 29     | 30     |
| 2009 | 6     | 23  | 22   | 32     | 17     | 1.654     | -0.003    | 2.858 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 58.9 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 22   | 42     | 17     | 1.683     | 0         | 2.861 | 0.02      | 0.016     | 0         | 52.5 | 51.2 | 59.8 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 22   | 52     | 17     | 1.627     | 0.026     | 2.861 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 60.2 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 23   | 2      | 17     | 1.65      | 0.046     | 2.864 | 0.02      | 0.016     | 0         | 52   | 51.2 | 60.6 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 23   | 12     | 17     | 1.614     | 0         | 2.861 | 0.02      | 0.016     | 0         | 52.5 | 51.6 | 59.8 | 153        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 23  | 23   | 22     | 17     | 1.601     | 0.01      | 2.864 | 0.02      | 0.016     | 0         | 52   | 51.2 | 59.8 | 152        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 23  | 23   | 32     | 17     | 1.631     | 0         | 2.861 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 59.8 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 23   | 42     | 17     | 1.654     | 0.01      | 2.864 | 0.016     | 0.013     | 0         | 52.5 | 50.7 | 60.2 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 23   | 52     | 17     | 1.65      | -0.013    | 2.864 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 60.6 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 0    | 2      | 17     | 1.614     | 0.01      | 2.864 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 60.6 | 152        | 149        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 24  | 0    | 12     | 17     | 1.637     | 0.02      | 2.867 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 60.2 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 0    | 22     | 17     | 1.663     | -0.016    | 2.867 | 0.016     | 0.016     | 0         | 52   | 51.2 | 58.9 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 0    | 32     | 17     | 1.631     | 0.003     | 2.867 | 0.016     | 0.013     | 0         | 52.5 | 50.7 | 60.6 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 0    | 42     | 17     | 1.637     | 0.016     | 2.867 | 0.016     | 0.016     | 0         | 52   | 50.7 | 60.6 | 152        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 0    | 52     | 17     | 1.647     | 0.02      | 2.867 | 0.016     | 0.016     | 0         | 52   | 51.2 | 59.8 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 1    | 2      | 17     | 1.614     | 0.036     | 2.867 | 0.016     | 0.016     | 0         | 52.9 | 52   | 60.2 | 153        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 1    | 12     | 17     | 1.637     | 0.007     | 2.867 | 0.016     | 0.016     | 0         | 52.9 | 51.2 | 60.6 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 1    | 22     | 17     | 1.64      | 0         | 2.867 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.5 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 1    | 32     | 17     | 1.673     | -0.01     | 2.867 | 0.016     | 0.013     | 0         | 52.9 | 51.2 | 60.2 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 1    | 42     | 17     | 1.64      | 0         | 2.867 | 0.016     | 0.016     | 0         | 52.9 | 51.2 | 60.2 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 1    | 52     | 17     | 1.663     | -0.023    | 2.867 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 60.6 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 2    | 2      | 17     | 1.621     | 0.033     | 2.871 | 0.016     | 0.013     | 0         | 52.9 | 50.7 | 61.5 | 152        | 148        | 0          | 29     | 30     |
| 2009 | 6     | 24  | 2    | 12     | 17     | 1.647     | 0.01      | 2.871 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 61.9 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 2    | 22     | 17     | 1.657     | 0.01      | 2.871 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 60.6 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 2    | 32     | 17     | 1.631     | -0.003    | 2.871 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 60.6 | 153        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 24  | 2    | 42     | 17     | 1.627     | 0         | 2.871 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 61.9 | 153        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 2    | 52     | 17     | 1.591     | 0.026     | 2.871 | 0.016     | 0.013     | 0         | 52.9 | 51.2 | 61.1 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 3    | 2      | 17     | 1.647     | -0.036    | 2.871 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 60.2 | 153        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 24  | 3    | 12     | 17     | 1.604     | 0.043     | 2.871 | 0.016     | 0.013     | 0         | 52.9 | 51.2 | 61.9 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 3    | 22     | 17     | 1.634     | -0.046    | 2.871 | 0.013     | 0.01      | 0         | 52.5 | 51.2 | 61.9 | 153        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 3    | 32     | 17     | 1.627     | -0.016    | 2.871 | 0.016     | 0.013     | 0         | 52.9 | 51.2 | 61.1 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 3    | 42     | 17     | 1.634     | 0.01      | 2.871 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 61.5 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 3    | 52     | 17     | 1.617     | 0.02      | 2.871 | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 61.9 | 153        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 4    | 2      | 17     | 1.683     | -0.013    | 2.871 | 0.016     | 0.016     | 0         | 52.5 | 52   | 62.4 | 153        | 150        | 0          | 31     | 29     |
| 2009 | 6     | 24  | 4    | 12     | 17     | 1.673     | 0.02      | 2.871 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 61.9 | 153        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 4    | 22     | 17     | 1.64      | 0.016     | 2.871 | 0.02      | 0.016     | 0         | 52.9 | 51.2 | 63.6 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 4    | 32     | 17     | 1.624     | 0.052     | 2.871 | 0.016     | 0.013     | 0         | 52.5 | 52   | 62.8 | 153        | 150        | 0          | 31     | 29     |
| 2009 | 6     | 24  | 4    | 42     | 17     | 1.575     | 0.049     | 2.874 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 62.8 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 4    | 52     | 17     | 1.673     | -0.049    | 2.871 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 61.9 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 5    | 2      | 17     | 1.654     | -0.066    | 2.871 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 61.5 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 5    | 12     | 17     | 1.585     | 0.066     | 2.871 | 0.016     | 0.016     | 0         | 52.9 | 52   | 62.4 | 153        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 5    | 22     | 17     | 1.627     | 0.02      | 2.871 | 0.016     | 0.013     | 0         | 53.3 | 52.5 | 62.4 | 154        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 5    | 32     | 17     | 1.594     | -0.007    | 2.871 | 0.016     | 0.013     | 0         | 52.9 | 52.5 | 63.2 | 154        | 151        | 0          | 31     | 29     |
| 2009 | 6     | 24  | 5    | 42     | 17     | 1.621     | 0.026     | 2.874 | 0.016     | 0.016     | 0         | 52.9 | 52   | 62.4 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 5    | 52     | 17     | 1.594     | 0.01      | 2.874 | 0.016     | 0.016     | 0         | 53.3 | 52   | 63.2 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 6    | 2      | 17     | 1.637     | 0.003     | 2.874 | 0.016     | 0.016     | 0         | 52.9 | 52   | 61.5 | 154        | 150        | 0          | 31     | 29     |
| 2009 | 6     | 24  | 6    | 12     | 17     | 1.634     | 0         | 2.874 | 0.02      | 0.016     | 0         | 52.9 | 52   | 61.5 | 153        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 6    | 22     | 17     | 1.588     | 0.046     | 2.874 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 61.5 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 6    | 32     | 17     | 1.598     | 0         | 2.874 | 0.016     | 0.016     | 0         | 52.9 | 51.2 | 61.9 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 6    | 42     | 17     | 1.617     | 0.033     | 2.874 | 0.016     | 0.013     | 0         | 52   | 51.6 | 62.4 | 152        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 24  | 6    | 52     | 17     | 1.65      | 0.026     | 2.874 | 0.016     | 0.013     | 0         | 52   | 51.2 | 61.9 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 7    | 2      | 17     | 1.627     | -0.01     | 2.874 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 62.4 | 153        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 24  | 7    | 12     | 17     | 1.594     | 0.013     | 2.874 | 0.016     | 0.013     | 0         | 52   | 51.2 | 61.9 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 7    | 22     | 17     | 1.647     | -0.03     | 2.874 | 0.016     | 0.013     | 0         | 52   | 51.2 | 62.8 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 7    | 32     | 17     | 1.624     | -0.016    | 2.874 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.1 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 7    | 42     | 17     | 1.614     | -0.02     | 2.874 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 62.8 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 7    | 52     | 17     | 1.631     | 0.02      | 2.874 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 60.6 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 8    | 2      | 17     | 1.617     | 0.01      | 2.874 | 0.016     | 0.016     | 0         | 52   | 51.2 | 61.1 | 152        | 149        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 24  | 8    | 12     | 17     | 1.621     | 0.003     | 2.874 | 0.016     | 0.013     | 0         | 52   | 51.2 | 61.5 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 8    | 22     | 17     | 1.631     | 0.02      | 2.874 | 0.013     | 0.01      | 0         | 52   | 51.6 | 61.1 | 152        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 24  | 8    | 32     | 17     | 1.647     | 0.01      | 2.874 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.5 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 8    | 42     | 17     | 1.588     | 0.013     | 2.874 | 0.016     | 0.016     | 0         | 52   | 51.2 | 61.9 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 8    | 52     | 17     | 1.631     | 0.01      | 2.874 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 60.6 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 9    | 2      | 17     | 1.575     | 0.043     | 2.874 | 0.02      | 0.016     | 0         | 52   | 51.2 | 60.6 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 9    | 12     | 17     | 1.66      | -0.02     | 2.874 | 0.016     | 0.016     | 0         | 52   | 51.2 | 61.5 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 9    | 22     | 17     | 1.634     | 0.007     | 2.874 | 0.016     | 0.013     | 0         | 52   | 50.7 | 60.6 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 9    | 32     | 17     | 1.568     | 0.023     | 2.877 | 0.016     | 0.016     | 0         | 52   | 51.2 | 61.5 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 9    | 42     | 17     | 1.663     | -0.026    | 2.874 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 61.1 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 9    | 52     | 17     | 1.575     | 0.016     | 2.874 | 0.013     | 0.01      | 0         | 52.5 | 51.2 | 62.4 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 10   | 2      | 17     | 1.657     | -0.01     | 2.874 | 0.016     | 0.016     | 0         | 52   | 51.2 | 61.5 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 10   | 12     | 17     | 1.647     | -0.023    | 2.874 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 61.1 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 10   | 22     | 17     | 1.657     | -0.016    | 2.877 | 0.02      | 0.016     | 0         | 52.5 | 51.2 | 60.2 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 10   | 32     | 17     | 1.657     | -0.003    | 2.877 | 0.016     | 0.013     | 0         | 52.5 | 50.7 | 59.8 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 10   | 42     | 17     | 1.654     | 0.007     | 2.877 | 0.02      | 0.016     | 0         | 52   | 51.2 | 60.2 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 10   | 52     | 17     | 1.611     | -0.007    | 2.877 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 60.6 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 11   | 2      | 17     | 1.598     | 0.052     | 2.877 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 61.1 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 11   | 12     | 17     | 1.611     | 0.01      | 2.877 | 0.013     | 0.01      | 0         | 51.6 | 51.2 | 61.5 | 151        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 11   | 22     | 17     | 1.594     | 0.013     | 2.877 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 60.6 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 11   | 32     | 17     | 1.624     | 0.02      | 2.877 | 0.016     | 0.016     | 0         | 52   | 50.7 | 61.9 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 11   | 42     | 17     | 1.614     | -0.003    | 2.877 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 61.9 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 11   | 52     | 17     | 1.617     | 0.033     | 2.877 | 0.013     | 0.01      | 0         | 52   | 50.7 | 60.6 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 12   | 2      | 17     | 1.627     | -0.013    | 2.877 | 0.016     | 0.016     | 0         | 51.6 | 51.2 | 58.9 | 151        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 24  | 12   | 12     | 17     | 1.601     | 0.01      | 2.877 | 0.016     | 0.016     | 0         | 52   | 50.7 | 61.1 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 12   | 22     | 17     | 1.604     | 0.056     | 2.877 | 0.016     | 0.016     | 0         | 52   | 51.2 | 61.5 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 12   | 32     | 17     | 1.608     | 0         | 2.877 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 61.9 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 12   | 42     | 17     | 1.617     | 0.003     | 2.877 | 0.023     | 0.02      | 0         | 52   | 51.2 | 60.2 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 12   | 52     | 17     | 1.627     | 0.01      | 2.877 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 60.2 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 13   | 2      | 17     | 1.598     | 0.033     | 2.877 | 0.013     | 0.01      | 0         | 52.5 | 51.6 | 60.6 | 153        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 24  | 13   | 12     | 17     | 1.617     | 0.036     | 2.877 | 0.02      | 0.016     | 0         | 52.9 | 51.2 | 60.2 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 13   | 22     | 17     | 1.683     | -0.039    | 2.877 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 60.2 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 13   | 32     | 17     | 1.621     | 0.033     | 2.877 | 0.02      | 0.016     | 0         | 52   | 51.6 | 61.5 | 152        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 24  | 13   | 42     | 17     | 1.604     | 0         | 2.877 | 0.016     | 0.016     | 0         | 52   | 51.2 | 61.1 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 13   | 52     | 17     | 1.601     | 0.033     | 2.877 | 0.016     | 0.016     | 0         | 52.9 | 51.2 | 62.4 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 14   | 2      | 17     | 1.637     | -0.013    | 2.877 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 60.2 | 153        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 14   | 12     | 17     | 1.65      | -0.007    | 2.877 | 0.013     | 0.01      | 0         | 52   | 51.2 | 60.6 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 14   | 22     | 17     | 1.611     | -0.02     | 2.877 | 0.013     | 0.01      | 0         | 52.5 | 51.2 | 59.3 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 14   | 32     | 17     | 1.644     | 0.023     | 2.877 | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 59.8 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 14   | 42     | 17     | 1.588     | 0.046     | 2.877 | 0.016     | 0.016     | 0         | 53.3 | 52   | 61.5 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 14   | 52     | 17     | 1.617     | 0         | 2.877 | 0.02      | 0.016     | 0         | 52.5 | 51.6 | 61.5 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 15   | 2      | 17     | 1.627     | 0.003     | 2.881 | 0.016     | 0.016     | 0         | 52.9 | 52   | 60.2 | 153        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 15   | 12     | 17     | 1.617     | -0.059    | 2.877 | 0.016     | 0.013     | 0         | 53.3 | 52.5 | 58   | 154        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 15   | 22     | 17     | 1.647     | 0.007     | 2.877 | 0.016     | 0.013     | 0         | 53.3 | 51.6 | 60.6 | 154        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 15   | 32     | 17     | 1.594     | 0.052     | 2.877 | 0.013     | 0.01      | 0         | 53.3 | 52   | 59.3 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 15   | 42     | 17     | 1.644     | 0.01      | 2.877 | 0.016     | 0.016     | 0         | 52.9 | 52   | 61.1 | 154        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 15   | 52     | 17     | 1.667     | 0         | 2.877 | 0.016     | 0.016     | 0         | 53.3 | 52   | 60.6 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 16   | 2      | 17     | 1.588     | 0.033     | 2.877 | 0.016     | 0.016     | 0         | 52.9 | 52   | 61.1 | 154        | 151        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 24  | 16   | 12     | 17     | 1.591     | -0.013    | 2.877 | 0.02      | 0.016     | 0         | 52.5 | 51.6 | 59.8 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 16   | 22     | 17     | 1.601     | 0.072     | 2.877 | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 62.8 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 16   | 32     | 17     | 1.601     | 0         | 2.877 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 59.3 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 16   | 42     | 17     | 1.601     | 0.016     | 2.877 | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 61.5 | 153        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 16   | 52     | 17     | 1.624     | 0.046     | 2.877 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 59.3 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 17   | 2      | 17     | 1.67      | 0.01      | 2.877 | 0.016     | 0.016     | 0         | 52.5 | 52   | 58.5 | 153        | 150        | 0          | 31     | 29     |
| 2009 | 6     | 24  | 17   | 12     | 17     | 1.686     | -0.033    | 2.881 | 0.016     | 0.013     | 0         | 52.9 | 52   | 58.5 | 153        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 17   | 22     | 17     | 1.64      | 0.013     | 2.877 | 0.016     | 0.013     | 0         | 53.3 | 52   | 59.3 | 154        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 17   | 32     | 17     | 1.621     | 0.056     | 2.877 | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 60.6 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 17   | 42     | 17     | 1.64      | 0.003     | 2.877 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 60.2 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 17   | 52     | 17     | 1.624     | 0.02      | 2.881 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 59.3 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 18   | 2      | 17     | 1.644     | 0         | 2.877 | 0.016     | 0.016     | 0         | 52.9 | 52   | 59.3 | 153        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 18   | 12     | 17     | 1.568     | 0.056     | 2.881 | 0.016     | 0.016     | 0         | 52.5 | 52   | 61.5 | 153        | 150        | 0          | 31     | 29     |
| 2009 | 6     | 24  | 18   | 22     | 17     | 1.591     | 0.036     | 2.881 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 59.3 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 18   | 32     | 17     | 1.631     | 0.01      | 2.877 | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 60.6 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 18   | 42     | 17     | 1.68      | -0.046    | 2.881 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 58   | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 18   | 52     | 17     | 1.598     | 0.046     | 2.881 | 0.016     | 0.013     | 0         | 53.3 | 52   | 61.1 | 154        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 19   | 2      | 17     | 1.627     | 0.056     | 2.881 | 0.016     | 0.013     | 0         | 52.9 | 51.2 | 61.1 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 19   | 12     | 17     | 1.634     | -0.026    | 2.881 | 0.016     | 0.013     | 0         | 52.9 | 51.2 | 58.9 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 19   | 22     | 17     | 1.588     | 0.046     | 2.881 | 0.016     | 0.013     | 0         | 52.9 | 52   | 61.1 | 153        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 19   | 32     | 17     | 1.683     | 0.003     | 2.881 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 61.9 | 153        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 19   | 42     | 17     | 1.65      | 0.01      | 2.881 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 61.5 | 153        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 19   | 52     | 17     | 1.657     | 0.013     | 2.881 | 0.02      | 0.016     | 0         | 52   | 51.6 | 61.1 | 152        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 24  | 20   | 2      | 17     | 1.657     | 0.039     | 2.881 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 63.6 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 20   | 12     | 17     | 1.667     | 0.01      | 2.881 | 0.01      | 0.007     | 0         | 52.5 | 51.2 | 61.5 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 20   | 22     | 17     | 1.627     | 0.056     | 2.881 | 0.016     | 0.013     | 0         | 52.5 | 50.7 | 61.1 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 20   | 32     | 17     | 1.614     | 0         | 2.881 | 0.02      | 0.016     | 0         | 52.5 | 51.2 | 62.8 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 20   | 42     | 17     | 1.598     | 0.023     | 2.881 | 0.013     | 0.01      | 0         | 52.5 | 51.6 | 62.4 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 20   | 52     | 17     | 1.572     | 0         | 2.881 | 0.01      | 0.007     | 0         | 52.5 | 51.6 | 62.8 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 21   | 2      | 17     | 1.657     | -0.01     | 2.881 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 61.1 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 21   | 12     | 17     | 1.611     | 0.023     | 2.881 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 63.2 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 21   | 22     | 17     | 1.594     | 0.02      | 2.881 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 61.5 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 21   | 32     | 17     | 1.608     | 0         | 2.881 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.9 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 21   | 42     | 17     | 1.657     | 0.013     | 2.884 | 0.016     | 0.013     | 0         | 52   | 51.2 | 61.9 | 152        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 24  | 21   | 52     | 17     | 1.686     | 0.007     | 2.881 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 62.4 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 22   | 2      | 17     | 1.549     | 0.056     | 2.881 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 61.9 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 22   | 12     | 17     | 1.581     | 0.066     | 2.884 | 0.016     | 0.013     | 0         | 52   | 50.7 | 63.6 | 152        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 22   | 22     | 17     | 1.617     | 0.02      | 2.884 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 63.2 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 22   | 32     | 17     | 1.64      | 0.023     | 2.884 | 0.02      | 0.016     | 0         | 52   | 50.7 | 61.5 | 152        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 22   | 42     | 17     | 1.634     | 0.007     | 2.884 | 0.016     | 0.016     | 0         | 52   | 50.7 | 61.1 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 22   | 52     | 17     | 1.663     | 0.023     | 2.884 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.5 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 23   | 2      | 17     | 1.627     | 0.062     | 2.884 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 62.4 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 23   | 12     | 17     | 1.614     | 0.033     | 2.884 | 0.016     | 0.016     | 0         | 52   | 50.7 | 62.4 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 23   | 22     | 17     | 1.65      | 0.03      | 2.884 | 0.02      | 0.016     | 0         | 52   | 51.2 | 61.9 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 23   | 32     | 17     | 1.627     | 0.026     | 2.884 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 62.8 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 23   | 42     | 17     | 1.627     | -0.013    | 2.884 | 0.016     | 0.013     | 0         | 52.5 | 50.7 | 61.5 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 23   | 52     | 17     | 1.617     | -0.016    | 2.884 | 0.016     | 0.016     | 0         | 52   | 50.7 | 61.1 | 152        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 0    | 2      | 17     | 1.686     | -0.02     | 2.884 | 0.016     | 0.016     | 0         | 52   | 51.2 | 61.1 | 152        | 148        | 0          | 31     | 29     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 25  | 0    | 12     | 17     | 1.637     | 0.056     | 2.884 | 0.016     | 0.016     | 0         | 52   | 50.7 | 61.9 | 152        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 0    | 22     | 17     | 1.647     | -0.007    | 2.884 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.9 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 0    | 32     | 17     | 1.617     | -0.016    | 2.884 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 61.1 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 0    | 42     | 17     | 1.65      | 0.056     | 2.884 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 61.9 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 0    | 52     | 17     | 1.637     | 0.023     | 2.884 | 0.016     | 0.013     | 0         | 52   | 51.2 | 61.5 | 152        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 25  | 1    | 2      | 17     | 1.624     | -0.003    | 2.884 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 61.1 | 153        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 1    | 12     | 17     | 1.65      | 0.003     | 2.881 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 62.8 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 1    | 22     | 17     | 1.585     | 0.069     | 2.881 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 61.5 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 1    | 32     | 17     | 1.617     | 0.033     | 2.881 | 0.016     | 0.016     | 0         | 52   | 51.6 | 61.1 | 152        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 25  | 1    | 42     | 17     | 1.621     | 0.033     | 2.881 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 61.9 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 1    | 52     | 17     | 1.591     | 0.016     | 2.881 | 0.02      | 0.016     | 0         | 52.9 | 51.2 | 61.5 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 2    | 2      | 17     | 1.657     | 0.003     | 2.881 | 0.02      | 0.016     | 0         | 52.5 | 51.2 | 61.1 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 2    | 12     | 17     | 1.631     | 0.016     | 2.881 | 0.016     | 0.013     | 0         | 52   | 51.2 | 61.1 | 152        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 25  | 2    | 22     | 17     | 1.627     | 0.033     | 2.881 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.5 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 2    | 32     | 17     | 1.578     | 0.033     | 2.881 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 61.9 | 153        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 25  | 2    | 42     | 17     | 1.598     | 0.01      | 2.881 | 0.016     | 0.013     | 0         | 52.9 | 51.2 | 61.9 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 2    | 52     | 17     | 1.627     | 0.007     | 2.881 | 0.013     | 0.01      | 0         | 52.5 | 51.2 | 59.8 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 3    | 2      | 17     | 1.621     | -0.023    | 2.881 | 0.016     | 0.016     | 0         | 52   | 51.2 | 60.6 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 3    | 12     | 17     | 1.604     | 0.02      | 2.881 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 61.1 | 153        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 3    | 22     | 17     | 1.637     | -0.013    | 2.881 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 61.5 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 3    | 32     | 17     | 1.604     | 0.003     | 2.881 | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 60.2 | 153        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 3    | 42     | 17     | 1.64      | -0.043    | 2.881 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 60.6 | 153        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 3    | 52     | 17     | 1.591     | 0.03      | 2.881 | 0.013     | 0.01      | 0         | 52.9 | 51.2 | 61.1 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 4    | 2      | 17     | 1.667     | 0.036     | 2.881 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 60.6 | 153        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 25  | 4    | 12     | 17     | 1.621     | 0.033     | 2.881 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 62.8 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 4    | 22     | 17     | 1.598     | 0.049     | 2.881 | 0.016     | 0.013     | 0         | 52.9 | 51.2 | 60.2 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 4    | 32     | 17     | 1.634     | 0.007     | 2.881 | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 61.9 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 4    | 42     | 17     | 1.683     | -0.033    | 2.881 | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 61.1 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 4    | 52     | 17     | 1.585     | 0.036     | 2.881 | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 61.5 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 5    | 2      | 17     | 1.575     | 0.01      | 2.881 | 0.016     | 0.013     | 0         | 52.5 | 52   | 61.1 | 153        | 150        | 0          | 31     | 29     |
| 2009 | 6     | 25  | 5    | 12     | 17     | 1.657     | 0.023     | 2.881 | 0.016     | 0.016     | 0         | 52.5 | 52   | 61.1 | 153        | 150        | 0          | 31     | 29     |
| 2009 | 6     | 25  | 5    | 22     | 17     | 1.555     | 0.069     | 2.881 | 0.016     | 0.013     | 0         | 53.3 | 52   | 61.1 | 154        | 151        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 5    | 32     | 17     | 1.624     | 0.033     | 2.877 | 0.016     | 0.016     | 0         | 52.5 | 52   | 61.5 | 153        | 150        | 0          | 31     | 29     |
| 2009 | 6     | 25  | 5    | 42     | 17     | 1.64      | 0.02      | 2.881 | 0.016     | 0.016     | 0         | 52.9 | 52.5 | 58.9 | 154        | 151        | 0          | 31     | 29     |
| 2009 | 6     | 25  | 5    | 52     | 17     | 1.572     | 0.026     | 2.881 | 0.016     | 0.013     | 0         | 53.3 | 52.5 | 60.6 | 154        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 6    | 2      | 17     | 1.598     | 0.036     | 2.881 | 0.02      | 0.016     | 0         | 52.9 | 51.6 | 60.2 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 6    | 12     | 17     | 1.591     | 0         | 2.881 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 60.2 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 6    | 22     | 17     | 1.657     | 0.013     | 2.881 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 61.1 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 6    | 32     | 17     | 1.634     | 0.01      | 2.881 | 0.013     | 0.01      | 0         | 52.9 | 52   | 59.3 | 153        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 6    | 42     | 17     | 1.631     | 0.013     | 2.881 | 0.016     | 0.013     | 0         | 52.5 | 50.7 | 60.2 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 6    | 52     | 17     | 1.588     | 0.013     | 2.881 | 0.016     | 0.013     | 0         | 52   | 51.2 | 61.1 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 7    | 2      | 17     | 1.624     | 0.052     | 2.881 | 0.016     | 0.013     | 0         | 52   | 50.7 | 61.1 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 7    | 12     | 17     | 1.585     | -0.01     | 2.881 | 0.016     | 0.016     | 0         | 52   | 51.2 | 59.3 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 7    | 22     | 17     | 1.627     | 0.016     | 2.881 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 58.9 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 7    | 32     | 17     | 1.647     | -0.01     | 2.881 | 0.016     | 0.016     | 0         | 52   | 50.7 | 60.2 | 152        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 7    | 42     | 17     | 1.617     | 0         | 2.881 | 0.016     | 0.016     | 0         | 52   | 51.2 | 60.2 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 7    | 52     | 17     | 1.654     | 0.043     | 2.881 | 0.02      | 0.016     | 0         | 52   | 51.2 | 60.2 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 8    | 2      | 17     | 1.608     | 0         | 2.881 | 0.016     | 0.016     | 0         | 52   | 51.2 | 60.2 | 152        | 149        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 25  | 8    | 12     | 17     | 1.601     | -0.01     | 2.881 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 59.8 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 8    | 22     | 17     | 1.68      | 0.003     | 2.881 | 0.02      | 0.016     | 0         | 51.6 | 50.7 | 59.8 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 8    | 32     | 17     | 1.624     | 0.039     | 2.881 | 0.016     | 0.013     | 0         | 52   | 51.2 | 61.5 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 8    | 42     | 17     | 1.644     | -0.049    | 2.881 | 0.02      | 0.016     | 0         | 52.5 | 51.2 | 60.2 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 8    | 52     | 17     | 1.627     | 0.026     | 2.881 | 0.02      | 0.016     | 0         | 52   | 50.7 | 58.9 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 9    | 2      | 17     | 1.637     | 0.016     | 2.881 | 0.016     | 0.016     | 0         | 51.6 | 51.2 | 60.6 | 151        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 25  | 9    | 12     | 17     | 1.604     | -0.003    | 2.884 | 0.013     | 0.01      | 0         | 52   | 50.7 | 60.2 | 152        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 9    | 22     | 17     | 1.604     | 0.056     | 2.884 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 59.8 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 9    | 32     | 17     | 1.614     | 0.059     | 2.884 | 0.016     | 0.016     | 0         | 51.6 | 51.2 | 60.2 | 151        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 9    | 42     | 17     | 1.647     | -0.01     | 2.884 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 59.3 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 9    | 52     | 17     | 1.64      | 0.02      | 2.884 | 0.016     | 0.013     | 0         | 52   | 50.7 | 60.2 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 10   | 2      | 17     | 1.601     | 0.007     | 2.884 | 0.016     | 0.013     | 0         | 52   | 51.2 | 59.8 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 10   | 12     | 17     | 1.611     | 0.03      | 2.884 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 61.5 | 151        | 148        | 0          | 31     | 31     |
| 2009 | 6     | 25  | 10   | 22     | 17     | 1.611     | 0.033     | 2.884 | 0.013     | 0.01      | 0         | 52   | 50.7 | 59.8 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 10   | 32     | 17     | 1.621     | -0.007    | 2.884 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 60.6 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 10   | 42     | 17     | 1.614     | 0.033     | 2.884 | 0.013     | 0.01      | 0         | 52   | 50.7 | 59.3 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 10   | 52     | 17     | 1.572     | 0.046     | 2.884 | 0.016     | 0.013     | 0         | 52   | 50.7 | 61.1 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 11   | 2      | 17     | 1.617     | 0.046     | 2.884 | 0.016     | 0.016     | 0         | 51.6 | 51.2 | 61.1 | 151        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 25  | 11   | 12     | 17     | 1.604     | 0.01      | 2.887 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 60.2 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 11   | 22     | 17     | 1.598     | 0.016     | 2.887 | 0.016     | 0.016     | 0         | 52   | 51.2 | 59.3 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 11   | 32     | 17     | 1.555     | 0.069     | 2.887 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 59.8 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 11   | 42     | 17     | 1.621     | 0.02      | 2.884 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 59.8 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 11   | 52     | 17     | 1.565     | 0.056     | 2.887 | 0.02      | 0.016     | 0         | 51.6 | 51.2 | 61.1 | 151        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 25  | 12   | 2      | 17     | 1.637     | 0.062     | 2.887 | 0.016     | 0.016     | 0         | 52   | 51.6 | 59.8 | 152        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 25  | 12   | 12     | 17     | 1.614     | 0.013     | 2.884 | 0.013     | 0.01      | 0         | 52.5 | 51.2 | 61.1 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 12   | 22     | 17     | 1.657     | 0.043     | 2.884 | 0.016     | 0.013     | 0         | 52   | 51.2 | 58.5 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 12   | 32     | 17     | 1.637     | -0.023    | 2.884 | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 58   | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 12   | 42     | 17     | 1.657     | -0.013    | 2.887 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 58.5 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 12   | 52     | 17     | 1.604     | 0.02      | 2.887 | 0.016     | 0.013     | 0         | 53.3 | 52.5 | 57.2 | 155        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 13   | 2      | 17     | 1.64      | 0.02      | 2.884 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 57.2 | 156        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 13   | 12     | 17     | 1.585     | 0.066     | 2.89  | 0.016     | 0.016     | 0         | 53.8 | 52.9 | 55   | 156        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 13   | 22     | 17     | 1.568     | 0.016     | 2.887 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 56.8 | 156        | 153        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 13   | 32     | 17     | 1.644     | 0         | 2.887 | 0.013     | 0.01      | 0         | 54.2 | 52.9 | 58.9 | 156        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 13   | 42     | 17     | 1.588     | 0.043     | 2.887 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 57.2 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 13   | 52     | 17     | 1.64      | 0.033     | 2.887 | 0.016     | 0.013     | 0         | 54.2 | 52.5 | 55.9 | 156        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 14   | 2      | 17     | 1.581     | 0.072     | 2.89  | 0.016     | 0.013     | 0         | 53.8 | 52.5 | 54.6 | 155        | 152        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 14   | 12     | 17     | 1.611     | 0.046     | 2.89  | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 55.5 | 158        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 14   | 22     | 17     | 1.627     | 0.02      | 2.89  | 0.016     | 0.013     | 0         | 55   | 54.2 | 53.8 | 158        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 14   | 32     | 17     | 1.565     | 0.092     | 2.89  | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 56.8 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 14   | 42     | 17     | 1.594     | 0.046     | 2.887 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 58.5 | 157        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 14   | 52     | 17     | 1.631     | 0.089     | 2.89  | 0.016     | 0.013     | 0         | 54.2 | 52.9 | 56.8 | 156        | 152        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 15   | 2      | 17     | 1.634     | 0.013     | 2.887 | 0.016     | 0.016     | 0         | 53.8 | 52.5 | 57.2 | 156        | 152        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 15   | 12     | 17     | 1.581     | 0.049     | 2.89  | 0.016     | 0.016     | 0         | 53.3 | 52.9 | 53.8 | 155        | 152        | 0          | 31     | 29     |
| 2009 | 6     | 25  | 15   | 22     | 17     | 1.634     | -0.013    | 2.89  | 0.016     | 0.016     | 0         | 53.3 | 52   | 55.9 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 15   | 32     | 17     | 1.608     | 0.023     | 2.89  | 0.016     | 0.016     | 0         | 52.9 | 52.5 | 57.2 | 154        | 151        | 0          | 31     | 29     |
| 2009 | 6     | 25  | 15   | 42     | 17     | 1.535     | 0.085     | 2.887 | 0.016     | 0.013     | 0         | 53.3 | 52   | 59.8 | 155        | 151        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 15   | 52     | 17     | 1.601     | 0.033     | 2.89  | 0.016     | 0.013     | 0         | 52.5 | 52   | 58.5 | 153        | 150        | 0          | 31     | 29     |
| 2009 | 6     | 25  | 16   | 2      | 17     | 1.614     | 0.03      | 2.887 | 0.016     | 0.016     | 0         | 53.3 | 52   | 57.6 | 154        | 150        | 0          | 30     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 25  | 16   | 12     | 17     | 1.608     | 0.039     | 2.89  | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 55.9 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 16   | 22     | 17     | 1.604     | 0.033     | 2.887 | 0.016     | 0.013     | 0         | 53.3 | 52.5 | 58   | 154        | 151        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 16   | 32     | 17     | 1.608     | 0.039     | 2.887 | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 59.3 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 16   | 42     | 17     | 1.585     | 0.079     | 2.887 | 0.016     | 0.013     | 0         | 52.9 | 52   | 58.9 | 153        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 16   | 52     | 17     | 1.549     | 0.089     | 2.887 | 0.02      | 0.016     | 0         | 52.9 | 52   | 59.8 | 153        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 17   | 2      | 17     | 1.585     | 0.023     | 2.89  | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 58.9 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 17   | 12     | 17     | 1.558     | 0.023     | 2.887 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 58.9 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 17   | 22     | 17     | 1.631     | 0.02      | 2.89  | 0.016     | 0.016     | 0         | 52   | 51.2 | 58.9 | 152        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 25  | 17   | 32     | 17     | 1.519     | 0.118     | 2.89  | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 61.5 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 17   | 42     | 17     | 1.568     | 0.059     | 2.89  | 0.016     | 0.013     | 0         | 52   | 51.2 | 58.9 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 17   | 52     | 17     | 1.575     | 0.059     | 2.89  | 0.016     | 0.016     | 0         | 52   | 51.2 | 58.9 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 18   | 2      | 17     | 1.575     | 0.089     | 2.89  | 0.016     | 0.013     | 0         | 52   | 51.6 | 58.5 | 152        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 25  | 18   | 12     | 17     | 1.558     | 0.082     | 2.89  | 0.016     | 0.016     | 0         | 52   | 51.6 | 58.9 | 152        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 25  | 18   | 22     | 17     | 1.585     | 0.023     | 2.89  | 0.016     | 0.016     | 0         | 52   | 51.6 | 58.5 | 152        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 25  | 18   | 32     | 17     | 1.562     | 0.033     | 2.894 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 60.2 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 18   | 42     | 17     | 1.608     | 0.069     | 2.89  | 0.013     | 0.01      | 0         | 52.5 | 51.2 | 60.2 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 18   | 52     | 17     | 1.598     | 0.062     | 2.89  | 0.016     | 0.016     | 0         | 52   | 51.2 | 59.8 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 19   | 2      | 17     | 1.549     | 0.052     | 2.894 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 60.6 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 19   | 12     | 17     | 1.588     | 0.013     | 2.894 | 0.016     | 0.016     | 0         | 52   | 50.3 | 60.6 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 19   | 22     | 17     | 1.608     | 0.046     | 2.894 | 0.013     | 0.01      | 0         | 52   | 50.7 | 60.6 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 19   | 32     | 17     | 1.562     | 0.023     | 2.894 | 0.016     | 0.013     | 0         | 52.5 | 50.7 | 60.2 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 19   | 42     | 17     | 1.608     | 0.056     | 2.9   | 0.013     | 0.01      | 0         | 52.5 | 51.2 | 60.2 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 19   | 52     | 17     | 1.562     | 0.03      | 2.9   | 0.016     | 0.016     | 0         | 52   | 51.2 | 60.2 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 20   | 2      | 17     | 1.604     | 0.003     | 2.897 | 0.016     | 0.013     | 0         | 52   | 51.6 | 58.5 | 152        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 25  | 20   | 12     | 17     | 1.634     | 0.016     | 2.897 | 0.02      | 0.016     | 0         | 52.5 | 51.2 | 58.9 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 20   | 22     | 17     | 1.591     | 0.046     | 2.9   | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 59.3 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 20   | 32     | 17     | 1.581     | 0.056     | 2.9   | 0.016     | 0.013     | 0         | 52.5 | 50.7 | 61.9 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 20   | 42     | 17     | 1.601     | 0.02      | 2.9   | 0.016     | 0.016     | 0         | 52   | 50.7 | 59.3 | 152        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 20   | 52     | 17     | 1.65      | 0.013     | 2.9   | 0.016     | 0.013     | 0         | 52   | 50.7 | 58.5 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 21   | 2      | 17     | 1.66      | 0.026     | 2.9   | 0.016     | 0.016     | 0         | 52   | 51.2 | 60.6 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 21   | 12     | 17     | 1.634     | 0.007     | 2.904 | 0.016     | 0.013     | 0         | 52   | 50.3 | 60.6 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 21   | 22     | 17     | 1.65      | 0.033     | 2.904 | 0.016     | 0.016     | 0         | 52   | 50.7 | 60.6 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 21   | 32     | 17     | 1.624     | 0         | 2.904 | 0.016     | 0.013     | 0         | 52   | 50.3 | 59.8 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 21   | 42     | 17     | 1.634     | 0.02      | 2.904 | 0.016     | 0.013     | 0         | 52   | 50.7 | 59.8 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 21   | 52     | 17     | 1.677     | -0.03     | 2.907 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 59.8 | 150        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 22   | 2      | 17     | 1.637     | 0.023     | 2.907 | 0.016     | 0.013     | 0         | 52   | 50.3 | 60.6 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 22   | 12     | 17     | 1.686     | 0.03      | 2.907 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 60.2 | 151        | 147        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 22   | 22     | 17     | 1.598     | 0.046     | 2.907 | 0.016     | 0.016     | 0         | 52   | 49.9 | 61.5 | 151        | 147        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 22   | 32     | 17     | 1.614     | 0.039     | 2.907 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 60.2 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 22   | 42     | 17     | 1.657     | 0.01      | 2.907 | 0.013     | 0.01      | 0         | 52.5 | 51.6 | 60.6 | 153        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 25  | 22   | 52     | 17     | 1.578     | 0.039     | 2.907 | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 58.9 | 153        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 23   | 2      | 17     | 1.604     | 0.039     | 2.907 | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 61.1 | 153        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 23   | 12     | 17     | 1.604     | 0.013     | 2.91  | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 61.1 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 23   | 22     | 17     | 1.608     | 0.02      | 2.91  | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 60.2 | 153        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 23   | 32     | 17     | 1.65      | -0.013    | 2.91  | 0.016     | 0.016     | 0         | 52   | 50.7 | 60.2 | 152        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 23   | 42     | 17     | 1.654     | 0         | 2.907 | 0.016     | 0.013     | 0         | 52   | 51.2 | 60.6 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 23   | 52     | 17     | 1.617     | -0.007    | 2.907 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 60.2 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 0    | 2      | 17     | 1.608     | 0         | 2.91  | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 60.6 | 152        | 149        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 26  | 0    | 12     | 17     | 1.598     | 0.01      | 2.907 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 60.2 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 0    | 22     | 17     | 1.601     | 0.023     | 2.907 | 0.02      | 0.02      | 0         | 52.5 | 51.6 | 61.5 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 0    | 32     | 17     | 1.601     | 0.02      | 2.91  | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 61.5 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 0    | 42     | 17     | 1.588     | -0.026    | 2.91  | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 61.1 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 0    | 52     | 17     | 1.617     | 0.016     | 2.907 | 0.016     | 0.013     | 0         | 52   | 51.6 | 60.6 | 152        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 26  | 1    | 2      | 17     | 1.604     | 0.02      | 2.91  | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.5 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 1    | 12     | 17     | 1.565     | 0.059     | 2.91  | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 61.1 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 1    | 22     | 17     | 1.634     | 0.026     | 2.91  | 0.016     | 0.013     | 0         | 52.5 | 50.7 | 60.6 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 1    | 32     | 17     | 1.601     | 0.049     | 2.907 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 61.5 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 1    | 42     | 17     | 1.637     | 0         | 2.907 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 60.6 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 1    | 52     | 17     | 1.611     | 0.056     | 2.91  | 0.02      | 0.016     | 0         | 52.5 | 51.2 | 61.9 | 153        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 2    | 2      | 17     | 1.637     | 0         | 2.91  | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 59.3 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 2    | 12     | 17     | 1.637     | 0.036     | 2.91  | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 60.2 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 2    | 22     | 17     | 1.601     | 0.043     | 2.91  | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 60.6 | 153        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 2    | 32     | 17     | 1.604     | 0.033     | 2.91  | 0.016     | 0.016     | 0         | 52   | 51.6 | 61.1 | 152        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 26  | 2    | 42     | 17     | 1.608     | 0.02      | 2.91  | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 61.5 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 2    | 52     | 17     | 1.627     | 0.033     | 2.91  | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 61.1 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 3    | 2      | 17     | 1.572     | 0.03      | 2.91  | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 62.4 | 153        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 3    | 12     | 17     | 1.578     | 0.039     | 2.91  | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 60.6 | 153        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 3    | 22     | 17     | 1.608     | 0.085     | 2.91  | 0.02      | 0.016     | 0         | 52   | 51.6 | 61.9 | 152        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 26  | 3    | 32     | 17     | 1.667     | 0.013     | 2.91  | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 61.1 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 3    | 42     | 17     | 1.686     | 0.003     | 2.91  | 0.016     | 0.016     | 0         | 52   | 51.6 | 62.8 | 152        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 26  | 3    | 52     | 17     | 1.581     | 0.069     | 2.91  | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.9 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 4    | 2      | 17     | 1.581     | 0.03      | 2.91  | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 62.8 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 4    | 12     | 17     | 1.65      | 0         | 2.91  | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 61.9 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 4    | 22     | 17     | 1.663     | -0.023    | 2.91  | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.9 | 153        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 4    | 32     | 17     | 1.608     | 0.033     | 2.91  | 0.016     | 0.013     | 0         | 52.9 | 51.2 | 62.4 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 4    | 42     | 17     | 1.588     | 0.003     | 2.91  | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 61.9 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 4    | 52     | 17     | 1.578     | 0.069     | 2.91  | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 62.8 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 5    | 2      | 17     | 1.66      | 0.039     | 2.91  | 0.013     | 0.01      | 0         | 52.5 | 51.2 | 62.8 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 5    | 12     | 17     | 1.624     | 0.023     | 2.91  | 0.016     | 0.016     | 0         | 52.9 | 51.6 | 62.8 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 5    | 22     | 17     | 1.581     | 0.059     | 2.91  | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 63.2 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 5    | 32     | 17     | 1.575     | 0.046     | 2.91  | 0.016     | 0.013     | 0         | 53.3 | 52   | 62.4 | 154        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 5    | 42     | 17     | 1.644     | 0.046     | 2.91  | 0.016     | 0.013     | 0         | 52.9 | 52   | 62.4 | 154        | 150        | 0          | 31     | 29     |
| 2009 | 6     | 26  | 5    | 52     | 17     | 1.611     | 0.013     | 2.91  | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 61.5 | 153        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 6    | 2      | 17     | 1.627     | 0.023     | 2.91  | 0.016     | 0.013     | 0         | 52.9 | 51.6 | 62.8 | 153        | 150        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 6    | 12     | 17     | 1.601     | 0.003     | 2.91  | 0.016     | 0.016     | 0         | 52.9 | 51.2 | 62.8 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 6    | 22     | 17     | 1.588     | 0.069     | 2.91  | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 62.4 | 153        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 6    | 32     | 17     | 1.598     | 0.016     | 2.91  | 0.016     | 0.013     | 0         | 52   | 51.2 | 62.8 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 6    | 42     | 17     | 1.611     | 0.003     | 2.913 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 61.9 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 6    | 52     | 17     | 1.617     | -0.016    | 2.91  | 0.016     | 0.013     | 0         | 52   | 51.6 | 61.9 | 152        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 26  | 7    | 2      | 17     | 1.621     | -0.01     | 2.913 | 0.02      | 0.016     | 0         | 52.5 | 51.2 | 60.6 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 7    | 12     | 17     | 1.604     | 0.013     | 2.91  | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 61.9 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 7    | 22     | 17     | 1.601     | 0.043     | 2.91  | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 62.8 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 7    | 32     | 17     | 1.581     | 0.036     | 2.91  | 0.016     | 0.013     | 0         | 52   | 51.6 | 62.8 | 152        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 26  | 7    | 42     | 17     | 1.65      | 0         | 2.91  | 0.016     | 0.013     | 0         | 52   | 51.2 | 61.5 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 7    | 52     | 17     | 1.614     | 0.036     | 2.913 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 62.4 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 8    | 2      | 17     | 1.601     | 0.02      | 2.913 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 61.9 | 152        | 148        | 0          | 30     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 26  | 8    | 12     | 17     | 1.644     | 0.033     | 2.913 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 61.9 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 8    | 22     | 17     | 1.614     | 0.066     | 2.913 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 62.4 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 8    | 32     | 17     | 1.647     | -0.03     | 2.913 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 63.2 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 8    | 42     | 17     | 1.614     | 0.02      | 2.913 | 0.016     | 0.013     | 0         | 52   | 50.7 | 61.9 | 152        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 8    | 52     | 17     | 1.604     | 0.03      | 2.913 | 0.013     | 0.01      | 0         | 51.6 | 50.7 | 61.5 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 9    | 2      | 17     | 1.604     | 0.003     | 2.913 | 0.013     | 0.01      | 0         | 52.5 | 51.2 | 62.8 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 9    | 12     | 17     | 1.588     | 0.026     | 2.913 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 62.8 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 9    | 22     | 17     | 1.634     | 0.026     | 2.913 | 0.016     | 0.016     | 0         | 53.8 | 53.3 | 60.2 | 156        | 153        | 0          | 31     | 29     |
| 2009 | 6     | 26  | 9    | 32     | 17     | 1.575     | 0.003     | 2.913 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 61.9 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 9    | 42     | 17     | 1.621     | 0.059     | 2.913 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.5 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 9    | 52     | 17     | 1.627     | 0.056     | 2.913 | 0.016     | 0.013     | 0         | 52   | 51.2 | 62.4 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 10   | 2      | 17     | 1.604     | 0.039     | 2.913 | 0.016     | 0.016     | 0         | 52   | 51.2 | 62.8 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 10   | 12     | 17     | 1.601     | 0         | 2.913 | 0.016     | 0.013     | 0         | 52   | 51.2 | 62.4 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 10   | 22     | 17     | 1.647     | -0.026    | 2.913 | 0.016     | 0.016     | 0         | 52   | 50.7 | 60.6 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 10   | 32     | 17     | 1.64      | 0.013     | 2.913 | 0.016     | 0.016     | 0         | 52   | 51.2 | 61.9 | 152        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 26  | 10   | 42     | 17     | 1.66      | 0.043     | 2.913 | 0.016     | 0.013     | 0         | 52   | 50.7 | 62.8 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 10   | 52     | 17     | 1.604     | 0.085     | 2.913 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.9 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 11   | 2      | 17     | 1.627     | 0.003     | 2.913 | 0.016     | 0.016     | 0         | 52   | 50.7 | 62.4 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 11   | 12     | 17     | 1.585     | 0.046     | 2.913 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 63.2 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 11   | 22     | 17     | 1.601     | 0.062     | 2.913 | 0.02      | 0.016     | 0         | 51.6 | 50.7 | 64.1 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 11   | 32     | 17     | 1.617     | -0.01     | 2.917 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 63.2 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 11   | 42     | 17     | 1.64      | 0.033     | 2.917 | 0.02      | 0.016     | 0         | 51.6 | 50.7 | 62.8 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 11   | 52     | 17     | 1.588     | 0.036     | 2.917 | 0.016     | 0.013     | 0         | 52   | 50.7 | 61.5 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 12   | 2      | 17     | 1.601     | 0.01      | 2.917 | 0.016     | 0.013     | 0         | 52   | 50.3 | 63.6 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 12   | 12     | 17     | 1.617     | 0.003     | 2.917 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 62.8 | 150        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 12   | 22     | 17     | 1.568     | 0.062     | 2.917 | 0.016     | 0.013     | 0         | 52   | 50.3 | 63.6 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 12   | 32     | 17     | 1.634     | 0         | 2.917 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 62.4 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 12   | 42     | 17     | 1.634     | 0         | 2.917 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 61.9 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 12   | 52     | 17     | 1.644     | 0         | 2.917 | 0.016     | 0.013     | 0         | 51.2 | 50.7 | 61.9 | 150        | 147        | 0          | 31     | 29     |
| 2009 | 6     | 26  | 13   | 2      | 17     | 1.624     | -0.02     | 2.917 | 0.016     | 0.013     | 0         | 52   | 50.3 | 61.9 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 13   | 12     | 17     | 1.617     | -0.003    | 2.917 | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 62.4 | 150        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 13   | 22     | 17     | 1.578     | 0.079     | 2.917 | 0.016     | 0.013     | 0         | 51.2 | 50.7 | 63.6 | 150        | 147        | 0          | 31     | 29     |
| 2009 | 6     | 26  | 13   | 32     | 17     | 1.594     | 0.033     | 2.92  | 0.016     | 0.016     | 0         | 51.2 | 50.3 | 62.8 | 150        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 13   | 42     | 17     | 1.598     | 0.046     | 2.92  | 0.016     | 0.013     | 0         | 51.2 | 50.3 | 63.2 | 150        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 13   | 52     | 17     | 1.588     | 0.059     | 2.92  | 0.016     | 0.016     | 0         | 51.6 | 50.3 | 64.1 | 150        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 14   | 2      | 17     | 1.604     | 0.016     | 2.92  | 0.013     | 0.01      | 0         | 52   | 50.3 | 62.8 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 14   | 12     | 17     | 1.624     | 0.033     | 2.92  | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 62.4 | 151        | 147        | 0          | 31     | 29     |
| 2009 | 6     | 26  | 14   | 22     | 17     | 1.608     | 0.01      | 2.92  | 0.016     | 0.016     | 0         | 51.6 | 50.3 | 63.2 | 150        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 14   | 32     | 17     | 1.568     | 0.049     | 2.92  | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 63.2 | 150        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 14   | 42     | 17     | 1.558     | 0.043     | 2.92  | 0.016     | 0.016     | 0         | 52   | 50.7 | 62.4 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 14   | 52     | 17     | 1.572     | 0.033     | 2.92  | 0.02      | 0.016     | 0         | 52   | 51.2 | 62.8 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 15   | 2      | 17     | 1.608     | 0.059     | 2.92  | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 62.8 | 150        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 15   | 12     | 17     | 1.608     | 0.016     | 2.923 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 62.8 | 150        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 15   | 22     | 17     | 1.621     | 0.043     | 2.923 | 0.016     | 0.013     | 0         | 51.2 | 50.7 | 61.9 | 150        | 147        | 0          | 31     | 29     |
| 2009 | 6     | 26  | 15   | 32     | 17     | 1.598     | 0.01      | 2.923 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 61.9 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 15   | 42     | 17     | 1.637     | 0         | 2.923 | 0.016     | 0.016     | 0         | 51.2 | 50.3 | 63.2 | 150        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 15   | 52     | 17     | 1.575     | 0.03      | 2.923 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 61.9 | 150        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 16   | 2      | 17     | 1.601     | 0.03      | 2.923 | 0.016     | 0.016     | 0         | 51.6 | 50.3 | 62.8 | 150        | 146        | 0          | 30     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 26  | 16   | 12     | 17     | 1.617     | 0.016     | 2.923 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 62.8 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 16   | 22     | 17     | 1.637     | 0.007     | 2.923 | 0.016     | 0.016     | 0         | 51.6 | 50.3 | 61.1 | 150        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 16   | 32     | 17     | 1.614     | 0.01      | 2.927 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 63.2 | 151        | 147        | 0          | 31     | 29     |
| 2009 | 6     | 26  | 16   | 42     | 17     | 1.568     | 0.046     | 2.927 | 0.016     | 0.016     | 0         | 51.2 | 50.3 | 62.4 | 150        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 16   | 52     | 17     | 1.588     | 0.062     | 2.927 | 0.02      | 0.016     | 0         | 52   | 50.3 | 63.2 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 17   | 2      | 17     | 1.686     | 0.007     | 2.927 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 61.5 | 151        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 17   | 12     | 17     | 1.634     | 0.036     | 2.927 | 0.016     | 0.016     | 0         | 52   | 50.3 | 62.4 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 17   | 22     | 17     | 1.601     | 0.03      | 2.927 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 60.6 | 151        | 147        | 0          | 31     | 29     |
| 2009 | 6     | 26  | 17   | 32     | 17     | 1.644     | 0.016     | 2.927 | 0.016     | 0.016     | 0         | 52   | 50.3 | 62.4 | 150        | 147        | 0          | 29     | 30     |
| 2009 | 6     | 26  | 17   | 42     | 17     | 1.663     | 0.013     | 2.93  | 0.016     | 0.013     | 0         | 52   | 50.7 | 60.2 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 17   | 52     | 17     | 1.572     | 0.023     | 2.93  | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 61.1 | 150        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 18   | 2      | 17     | 1.594     | 0.043     | 2.93  | 0.02      | 0.016     | 0         | 51.6 | 50.7 | 61.9 | 150        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 18   | 12     | 17     | 1.634     | -0.013    | 2.93  | 0.016     | 0.013     | 0         | 51.6 | 49.9 | 61.1 | 150        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 18   | 22     | 17     | 1.581     | 0.069     | 2.93  | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 62.8 | 150        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 18   | 32     | 17     | 1.598     | 0.033     | 2.93  | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 61.1 | 150        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 18   | 42     | 17     | 1.588     | 0.043     | 2.933 | 0.016     | 0.016     | 0         | 51.6 | 49.9 | 60.2 | 150        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 18   | 52     | 17     | 1.647     | 0.003     | 2.933 | 0.016     | 0.016     | 0         | 51.6 | 50.3 | 60.6 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 19   | 2      | 17     | 1.647     | 0         | 2.933 | 0.016     | 0.016     | 0         | 51.6 | 49.9 | 61.5 | 150        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 19   | 12     | 17     | 1.562     | 0.056     | 2.936 | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 60.6 | 150        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 19   | 22     | 17     | 1.575     | 0.023     | 2.936 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 61.5 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 19   | 32     | 17     | 1.601     | 0.02      | 2.936 | 0.016     | 0.016     | 0         | 51.6 | 50.3 | 61.1 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 19   | 42     | 17     | 1.621     | 0.02      | 2.94  | 0.016     | 0.016     | 0         | 51.6 | 49.9 | 61.5 | 150        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 19   | 52     | 17     | 1.617     | 0.023     | 2.94  | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 60.6 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 20   | 2      | 17     | 1.539     | 0.046     | 2.943 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 60.6 | 150        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 20   | 12     | 17     | 1.611     | 0.01      | 2.943 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 60.2 | 150        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 20   | 22     | 17     | 1.565     | 0.082     | 2.946 | 0.016     | 0.013     | 0         | 51.6 | 49.9 | 62.4 | 150        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 20   | 32     | 17     | 1.591     | 0.059     | 2.946 | 0.016     | 0.016     | 0         | 51.6 | 50.3 | 61.5 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 20   | 42     | 17     | 1.657     | 0.023     | 2.946 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 60.6 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 20   | 52     | 17     | 1.663     | 0.02      | 2.946 | 0.016     | 0.016     | 0         | 51.6 | 50.3 | 61.5 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 21   | 2      | 17     | 1.604     | 0.079     | 2.949 | 0.016     | 0.016     | 0         | 51.6 | 49.9 | 61.9 | 150        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 21   | 12     | 17     | 1.673     | 0.01      | 2.949 | 0.016     | 0.016     | 0         | 51.6 | 50.3 | 60.2 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 21   | 22     | 17     | 1.617     | 0.02      | 2.953 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 61.1 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 21   | 32     | 17     | 1.572     | 0.03      | 2.953 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 61.9 | 150        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 21   | 42     | 17     | 1.588     | 0.007     | 2.953 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 60.6 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 21   | 52     | 17     | 1.647     | -0.023    | 2.953 | 0.02      | 0.016     | 0         | 51.6 | 50.3 | 61.5 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 22   | 2      | 17     | 1.631     | 0.02      | 2.953 | 0.016     | 0.013     | 0         | 52   | 50.3 | 61.9 | 150        | 146        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 22   | 12     | 17     | 1.65      | 0.02      | 2.953 | 0.016     | 0.016     | 0         | 51.6 | 50.3 | 60.6 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 22   | 22     | 17     | 1.654     | 0.01      | 2.956 | 0.016     | 0.016     | 0         | 51.6 | 49.9 | 61.9 | 150        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 22   | 32     | 17     | 1.627     | 0.023     | 2.956 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 61.5 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 22   | 42     | 17     | 1.578     | 0.069     | 2.956 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 62.8 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 22   | 52     | 17     | 1.594     | 0.043     | 2.956 | 0.013     | 0.01      | 0         | 51.2 | 49.9 | 63.6 | 150        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 23   | 2      | 17     | 1.608     | -0.003    | 2.956 | 0.016     | 0.016     | 0         | 51.2 | 50.3 | 63.2 | 150        | 146        | 0          | 31     | 29     |
| 2009 | 6     | 26  | 23   | 12     | 17     | 1.604     | 0.079     | 2.956 | 0.016     | 0.016     | 0         | 51.6 | 49.9 | 62.4 | 150        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 23   | 22     | 17     | 1.627     | 0         | 2.959 | 0.016     | 0.016     | 0         | 51.6 | 49.9 | 62.4 | 150        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 23   | 32     | 17     | 1.594     | 0.026     | 2.959 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 63.2 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 23   | 42     | 17     | 1.601     | 0.013     | 2.959 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 62.4 | 150        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 23   | 52     | 17     | 1.614     | 0         | 2.959 | 0.016     | 0.013     | 0         | 51.6 | 49.9 | 63.6 | 150        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 0    | 2      | 17     | 1.634     | 0         | 2.959 | 0.016     | 0.016     | 0         | 51.6 | 50.3 | 62.8 | 150        | 146        | 0          | 30     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 27  | 0    | 12     | 17     | 1.634     | 0.01      | 2.959 | 0.016     | 0.013     | 0         | 51.6 | 49.9 | 62.8 | 150        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 0    | 22     | 17     | 1.634     | -0.01     | 2.959 | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 63.6 | 149        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 0    | 32     | 17     | 1.637     | 0.026     | 2.959 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 64.1 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 0    | 42     | 17     | 1.647     | 0.069     | 2.963 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 62.8 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 0    | 52     | 17     | 1.572     | 0.069     | 2.963 | 0.013     | 0.01      | 0         | 52   | 50.7 | 64.1 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 1    | 2      | 17     | 1.598     | 0.039     | 2.959 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 63.6 | 150        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 1    | 12     | 17     | 1.585     | 0.052     | 2.963 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 63.6 | 150        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 1    | 22     | 17     | 1.598     | 0.062     | 2.963 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 63.2 | 151        | 147        | 0          | 31     | 29     |
| 2009 | 6     | 27  | 1    | 32     | 17     | 1.644     | 0.013     | 2.963 | 0.016     | 0.013     | 0         | 52   | 50.3 | 62.8 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 1    | 42     | 17     | 1.575     | 0.092     | 2.963 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 64.1 | 151        | 147        | 0          | 31     | 29     |
| 2009 | 6     | 27  | 1    | 52     | 17     | 1.654     | 0.02      | 2.963 | 0.02      | 0.016     | 0         | 52   | 50.7 | 63.2 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 2    | 2      | 17     | 1.647     | 0.059     | 2.963 | 0.016     | 0.013     | 0         | 52   | 50.3 | 62.8 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 2    | 12     | 17     | 1.621     | 0.033     | 2.963 | 0.02      | 0.016     | 0         | 52   | 50.7 | 64.1 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 2    | 22     | 17     | 1.627     | -0.013    | 2.963 | 0.016     | 0.016     | 0         | 52   | 50.7 | 63.6 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 2    | 32     | 17     | 1.594     | 0.033     | 2.963 | 0.016     | 0.013     | 0         | 52   | 51.2 | 63.6 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 2    | 42     | 17     | 1.617     | -0.01     | 2.963 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 61.5 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 27  | 2    | 52     | 17     | 1.631     | 0.036     | 2.963 | 0.016     | 0.013     | 0         | 52   | 50.3 | 62.4 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 3    | 2      | 17     | 1.594     | 0.033     | 2.966 | 0.016     | 0.016     | 0         | 52.9 | 51.2 | 62.4 | 152        | 148        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 3    | 12     | 17     | 1.555     | 0.085     | 2.963 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 61.5 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 3    | 22     | 17     | 1.634     | 0.072     | 2.966 | 0.016     | 0.013     | 0         | 52.5 | 50.7 | 61.1 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 3    | 32     | 17     | 1.572     | 0.043     | 2.966 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.9 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 3    | 42     | 17     | 1.568     | 0.046     | 2.966 | 0.016     | 0.013     | 0         | 52.9 | 51.2 | 61.1 | 152        | 148        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 3    | 52     | 17     | 1.572     | 0.016     | 2.966 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 59.8 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 4    | 2      | 17     | 1.581     | 0.056     | 2.966 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.1 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 4    | 12     | 17     | 1.614     | 0.056     | 2.969 | 0.013     | 0.01      | 0         | 52   | 50.3 | 61.5 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 4    | 22     | 17     | 1.634     | 0         | 2.969 | 0.016     | 0.016     | 0         | 51.6 | 50.3 | 58.9 | 151        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 27  | 4    | 32     | 17     | 1.637     | 0.013     | 2.969 | 0.016     | 0.013     | 0         | 52   | 50.3 | 60.2 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 4    | 42     | 17     | 1.64      | 0.02      | 2.972 | 0.016     | 0.016     | 0         | 52   | 50.3 | 59.8 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 4    | 52     | 17     | 1.634     | 0.066     | 2.972 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 60.2 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 27  | 5    | 2      | 17     | 1.598     | 0.007     | 2.976 | 0.013     | 0.01      | 0         | 52   | 50.7 | 59.3 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 5    | 12     | 17     | 1.621     | -0.003    | 2.979 | 0.016     | 0.016     | 0         | 51.6 | 51.2 | 60.6 | 151        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 27  | 5    | 22     | 17     | 1.663     | 0.02      | 2.979 | 0.016     | 0.016     | 0         | 52   | 50.7 | 58.5 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 5    | 32     | 17     | 1.591     | 0.026     | 2.982 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 60.6 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 5    | 42     | 17     | 1.611     | 0.095     | 2.986 | 0.016     | 0.013     | 0         | 52.5 | 50.7 | 60.2 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 5    | 52     | 17     | 1.621     | 0.036     | 2.986 | 0.016     | 0.013     | 0         | 52.9 | 51.2 | 61.1 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 6    | 2      | 17     | 1.604     | 0.03      | 2.986 | 0.016     | 0.013     | 0         | 52   | 51.6 | 62.4 | 152        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 27  | 6    | 12     | 17     | 1.585     | 0.026     | 2.986 | 0.016     | 0.016     | 0         | 52   | 50.7 | 63.6 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 6    | 22     | 17     | 1.572     | 0.01      | 2.986 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 62.4 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 27  | 6    | 32     | 17     | 1.588     | 0.033     | 2.989 | 0.016     | 0.013     | 0         | 52.5 | 51.6 | 62.4 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 6    | 42     | 17     | 1.568     | 0.007     | 2.989 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 64.1 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 6    | 52     | 17     | 1.663     | 0.02      | 2.989 | 0.013     | 0.01      | 0         | 52.5 | 51.2 | 61.9 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 7    | 2      | 17     | 1.624     | 0.026     | 2.989 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 63.2 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 7    | 12     | 17     | 1.624     | 0.036     | 2.989 | 0.016     | 0.016     | 0         | 52   | 50.7 | 63.6 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 7    | 22     | 17     | 1.637     | 0.043     | 2.989 | 0.02      | 0.016     | 0         | 52   | 51.2 | 63.2 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 7    | 32     | 17     | 1.634     | 0.003     | 2.989 | 0.016     | 0.013     | 0         | 51.6 | 51.2 | 63.6 | 151        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 27  | 7    | 42     | 17     | 1.657     | -0.003    | 2.992 | 0.016     | 0.013     | 0         | 52   | 51.6 | 61.9 | 152        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 27  | 7    | 52     | 17     | 1.624     | 0.02      | 2.992 | 0.016     | 0.013     | 0         | 52   | 50.7 | 61.9 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 8    | 2      | 17     | 1.644     | 0.033     | 2.992 | 0.013     | 0.01      | 0         | 52   | 51.2 | 62.4 | 152        | 149        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 27  | 8    | 12     | 17     | 1.66      | 0.007     | 2.992 | 0.013     | 0.01      | 0         | 52.5 | 51.2 | 61.5 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 8    | 22     | 17     | 1.575     | 0.033     | 2.992 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 63.2 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 8    | 32     | 17     | 1.621     | 0.023     | 2.992 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 61.9 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 8    | 42     | 17     | 1.572     | 0.046     | 2.992 | 0.016     | 0.013     | 0         | 52   | 51.2 | 62.8 | 152        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 27  | 8    | 52     | 17     | 1.627     | 0.023     | 2.992 | 0.013     | 0.01      | 0         | 52   | 51.2 | 62.8 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 9    | 2      | 17     | 1.545     | 0.066     | 2.992 | 0.02      | 0.016     | 0         | 51.6 | 50.3 | 63.6 | 151        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 27  | 9    | 12     | 17     | 1.601     | 0.003     | 2.995 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 61.5 | 150        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 9    | 22     | 17     | 1.634     | 0.016     | 2.995 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 61.5 | 150        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 9    | 32     | 17     | 1.608     | 0.013     | 2.995 | 0.02      | 0.016     | 0         | 52   | 50.3 | 62.8 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 9    | 42     | 17     | 1.594     | 0         | 2.995 | 0.016     | 0.016     | 0         | 52   | 50.7 | 61.9 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 9    | 52     | 17     | 1.598     | 0         | 2.995 | 0.013     | 0.01      | 0         | 51.2 | 50.3 | 61.9 | 150        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 27  | 10   | 2      | 17     | 1.634     | 0.023     | 2.995 | 0.016     | 0.013     | 0         | 52   | 50.7 | 60.2 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 10   | 12     | 17     | 1.667     | -0.02     | 2.995 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 61.1 | 150        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 10   | 22     | 17     | 1.588     | 0.016     | 2.995 | 0.016     | 0.013     | 0         | 52   | 50.3 | 62.4 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 10   | 32     | 17     | 1.601     | 0.033     | 2.999 | 0.016     | 0.013     | 0         | 52   | 50.7 | 61.9 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 10   | 42     | 17     | 1.604     | 0.046     | 2.999 | 0.016     | 0.016     | 0         | 52   | 51.2 | 61.1 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 10   | 52     | 17     | 1.631     | -0.003    | 2.999 | 0.016     | 0.016     | 0         | 51.6 | 51.2 | 61.9 | 151        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 27  | 11   | 2      | 17     | 1.568     | 0         | 2.999 | 0.016     | 0.013     | 0         | 51.2 | 50.7 | 60.2 | 150        | 147        | 0          | 31     | 29     |
| 2009 | 6     | 27  | 11   | 12     | 17     | 1.604     | 0.016     | 2.999 | 0.016     | 0.013     | 0         | 52   | 50.7 | 61.5 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 11   | 22     | 17     | 1.657     | 0         | 2.999 | 0.016     | 0.016     | 0         | 51.2 | 50.3 | 61.5 | 150        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 27  | 11   | 32     | 17     | 1.611     | 0.043     | 2.999 | 0.016     | 0.016     | 0         | 51.2 | 50.3 | 61.1 | 150        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 27  | 11   | 42     | 17     | 1.637     | 0.049     | 3.002 | 0.016     | 0.013     | 0         | 51.2 | 50.3 | 61.9 | 150        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 27  | 11   | 52     | 17     | 1.598     | 0.03      | 3.002 | 0.016     | 0.013     | 0         | 51.2 | 50.3 | 61.1 | 150        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 27  | 12   | 2      | 17     | 1.631     | 0.02      | 3.002 | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 60.6 | 150        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 27  | 12   | 12     | 17     | 1.614     | 0.046     | 3.002 | 0.016     | 0.013     | 0         | 50.7 | 49.5 | 61.5 | 149        | 146        | 0          | 31     | 31     |
| 2009 | 6     | 27  | 12   | 22     | 17     | 1.627     | 0.003     | 3.002 | 0.016     | 0.016     | 0         | 51.2 | 49.9 | 60.6 | 150        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 27  | 12   | 32     | 17     | 1.614     | 0.01      | 3.005 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 61.1 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 12   | 42     | 17     | 1.627     | 0.033     | 3.005 | 0.016     | 0.016     | 0         | 51.2 | 50.3 | 60.2 | 149        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 12   | 52     | 17     | 1.598     | 0.079     | 3.009 | 0.016     | 0.016     | 0         | 51.2 | 49.9 | 61.5 | 149        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 13   | 2      | 17     | 1.594     | 0.036     | 3.009 | 0.013     | 0.01      | 0         | 51.2 | 50.3 | 61.9 | 149        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 13   | 12     | 17     | 1.601     | 0.026     | 3.012 | 0.016     | 0.013     | 0         | 50.7 | 49.5 | 61.1 | 149        | 145        | 0          | 31     | 30     |
| 2009 | 6     | 27  | 13   | 22     | 17     | 1.627     | 0.033     | 3.009 | 0.016     | 0.013     | 0         | 51.2 | 49.5 | 62.8 | 149        | 145        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 13   | 32     | 17     | 1.572     | 0.046     | 3.012 | 0.016     | 0.013     | 0         | 52.9 | 51.2 | 56.8 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 13   | 42     | 17     | 1.64      | 0.003     | 3.012 | 0.013     | 0.01      | 0         | 52.9 | 51.6 | 56.3 | 154        | 150        | 0          | 31     | 30     |
| 2009 | 6     | 27  | 13   | 52     | 17     | 1.634     | 0.082     | 3.012 | 0.013     | 0.01      | 0         | 51.2 | 49.9 | 61.5 | 149        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 14   | 2      | 17     | 1.631     | 0.062     | 3.012 | 0.016     | 0.016     | 0         | 51.2 | 49.9 | 61.5 | 149        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 14   | 12     | 17     | 1.647     | 0.043     | 3.012 | 0.013     | 0.01      | 0         | 51.2 | 49.9 | 61.1 | 149        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 14   | 22     | 17     | 1.601     | 0.007     | 3.015 | 0.02      | 0.016     | 0         | 50.7 | 49.5 | 61.9 | 148        | 145        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 14   | 32     | 17     | 1.627     | 0.02      | 3.015 | 0.016     | 0.013     | 0         | 50.3 | 49   | 61.9 | 147        | 144        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 14   | 42     | 17     | 1.647     | 0.007     | 3.015 | 0.013     | 0.01      | 0         | 50.3 | 49   | 60.6 | 148        | 144        | 0          | 31     | 30     |
| 2009 | 6     | 27  | 14   | 52     | 17     | 1.624     | 0.046     | 3.018 | 0.016     | 0.013     | 0         | 50.3 | 49.9 | 62.4 | 148        | 145        | 0          | 31     | 29     |
| 2009 | 6     | 27  | 15   | 2      | 17     | 1.588     | 0.043     | 3.015 | 0.016     | 0.013     | 0         | 50.7 | 49.5 | 58.9 | 148        | 145        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 15   | 12     | 17     | 1.611     | 0.02      | 3.018 | 0.016     | 0.016     | 0         | 50.7 | 49.5 | 61.5 | 148        | 145        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 15   | 22     | 17     | 1.69      | 0.026     | 3.018 | 0.016     | 0.016     | 0         | 50.7 | 49.9 | 61.1 | 148        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 15   | 32     | 17     | 1.621     | 0.01      | 3.018 | 0.013     | 0.01      | 0         | 50.3 | 49   | 61.9 | 148        | 144        | 0          | 31     | 30     |
| 2009 | 6     | 27  | 15   | 42     | 17     | 1.578     | 0.059     | 3.022 | 0.01      | 0.007     | 0         | 50.7 | 49   | 61.9 | 148        | 144        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 15   | 52     | 17     | 1.66      | 0.01      | 3.022 | 0.02      | 0.016     | 0         | 49.9 | 49   | 61.9 | 147        | 144        | 0          | 31     | 30     |
| 2009 | 6     | 27  | 16   | 2      | 17     | 1.627     | 0         | 3.022 | 0.016     | 0.013     | 0         | 50.3 | 49.5 | 61.1 | 148        | 144        | 0          | 31     | 29     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 27  | 16   | 12     | 17     | 1.627     | 0.049     | 3.022 | 0.013     | 0.01      | 0         | 50.3 | 49.5 | 62.4 | 148        | 145        | 0          | 31     | 30     |
| 2009 | 6     | 27  | 16   | 22     | 17     | 1.617     | -0.01     | 3.025 | 0.016     | 0.013     | 0         | 50.3 | 49.5 | 61.9 | 148        | 144        | 0          | 31     | 29     |
| 2009 | 6     | 27  | 16   | 32     | 17     | 1.637     | 0.046     | 3.025 | 0.02      | 0.016     | 0         | 50.7 | 49   | 61.5 | 148        | 144        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 16   | 42     | 17     | 1.601     | 0.075     | 3.025 | 0.016     | 0.013     | 0         | 50.7 | 49   | 62.8 | 148        | 144        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 16   | 52     | 17     | 1.617     | -0.01     | 3.028 | 0.016     | 0.013     | 0         | 50.3 | 49.9 | 60.2 | 148        | 145        | 0          | 31     | 29     |
| 2009 | 6     | 27  | 17   | 2      | 17     | 1.562     | -0.013    | 3.025 | 0.016     | 0.013     | 0         | 50.7 | 49.5 | 61.1 | 148        | 145        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 17   | 12     | 17     | 1.617     | 0.046     | 3.028 | 0.016     | 0.016     | 0         | 50.7 | 49.9 | 62.4 | 148        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 17   | 22     | 17     | 1.677     | 0         | 3.028 | 0.016     | 0.013     | 0         | 51.2 | 49.5 | 60.2 | 149        | 145        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 17   | 32     | 17     | 1.617     | 0.003     | 3.028 | 0.016     | 0.013     | 0         | 50.7 | 49.5 | 61.9 | 148        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 17   | 42     | 17     | 1.647     | 0.02      | 3.028 | 0.016     | 0.013     | 0         | 50.7 | 49.5 | 60.6 | 148        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 17   | 52     | 17     | 1.657     | 0.023     | 3.028 | 0.016     | 0.013     | 0         | 50.7 | 49.5 | 62.4 | 148        | 145        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 18   | 2      | 17     | 1.581     | 0.046     | 3.031 | 0.016     | 0.013     | 0         | 50.7 | 49.5 | 62.4 | 148        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 18   | 12     | 17     | 1.608     | 0.03      | 3.031 | 0.013     | 0.01      | 0         | 50.7 | 49.5 | 63.6 | 148        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 18   | 22     | 17     | 1.601     | 0.007     | 3.031 | 0.016     | 0.013     | 0         | 49.9 | 49   | 63.6 | 147        | 144        | 0          | 31     | 30     |
| 2009 | 6     | 27  | 18   | 32     | 17     | 1.657     | 0.01      | 3.031 | 0.02      | 0.016     | 0         | 51.2 | 49.5 | 63.2 | 148        | 144        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 18   | 42     | 17     | 1.683     | 0.043     | 3.035 | 0.016     | 0.013     | 0         | 50.3 | 49.5 | 62.4 | 147        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 18   | 52     | 17     | 1.637     | 0.013     | 3.035 | 0.016     | 0.016     | 0         | 49.9 | 49.5 | 63.6 | 147        | 144        | 0          | 31     | 29     |
| 2009 | 6     | 27  | 19   | 2      | 17     | 1.65      | 0.033     | 3.035 | 0.013     | 0.01      | 0         | 50.3 | 48.6 | 64.5 | 147        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 19   | 12     | 17     | 1.591     | 0.036     | 3.035 | 0.013     | 0.01      | 0         | 49.9 | 49   | 62.8 | 147        | 143        | 0          | 31     | 29     |
| 2009 | 6     | 27  | 19   | 22     | 17     | 1.598     | 0.023     | 3.035 | 0.016     | 0.013     | 0         | 50.3 | 49   | 64.1 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 19   | 32     | 17     | 1.647     | 0.01      | 3.038 | 0.016     | 0.016     | 0         | 50.3 | 48.6 | 63.6 | 147        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 19   | 42     | 17     | 1.604     | 0.033     | 3.038 | 0.016     | 0.016     | 0         | 50.3 | 49   | 63.2 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 19   | 52     | 17     | 1.591     | 0.016     | 3.038 | 0.016     | 0.016     | 0         | 49.9 | 49   | 64.5 | 147        | 143        | 0          | 31     | 29     |
| 2009 | 6     | 27  | 20   | 2      | 17     | 1.627     | 0.01      | 3.038 | 0.013     | 0.01      | 0         | 50.3 | 49   | 64.1 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 20   | 12     | 17     | 1.65      | 0.036     | 3.038 | 0.016     | 0.013     | 0         | 50.3 | 48.6 | 64.1 | 147        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 20   | 22     | 17     | 1.65      | 0.013     | 3.038 | 0.016     | 0.013     | 0         | 50.3 | 49   | 63.6 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 20   | 32     | 17     | 1.677     | 0         | 3.038 | 0.016     | 0.013     | 0         | 50.3 | 49   | 64.9 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 20   | 42     | 17     | 1.65      | 0.03      | 3.041 | 0.016     | 0.013     | 0         | 50.3 | 48.6 | 64.5 | 147        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 20   | 52     | 17     | 1.614     | 0.023     | 3.041 | 0.013     | 0.01      | 0         | 50.3 | 49   | 65.4 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 21   | 2      | 17     | 1.654     | 0.01      | 3.041 | 0.013     | 0.01      | 0         | 50.3 | 49   | 64.1 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 21   | 12     | 17     | 1.598     | 0.033     | 3.041 | 0.016     | 0.016     | 0         | 50.3 | 49.5 | 64.5 | 147        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 21   | 22     | 17     | 1.581     | 0.033     | 3.041 | 0.013     | 0.01      | 0         | 49.9 | 49   | 64.5 | 146        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 21   | 32     | 17     | 1.588     | 0.023     | 3.041 | 0.016     | 0.016     | 0         | 50.3 | 49   | 64.5 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 21   | 42     | 17     | 1.621     | 0.052     | 3.041 | 0.016     | 0.013     | 0         | 50.3 | 48.6 | 63.6 | 147        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 21   | 52     | 17     | 1.621     | 0.026     | 3.041 | 0.016     | 0.016     | 0         | 50.3 | 49   | 64.9 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 22   | 2      | 17     | 1.644     | 0.023     | 3.041 | 0.016     | 0.013     | 0         | 50.3 | 49   | 64.1 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 22   | 12     | 17     | 1.644     | 0.046     | 3.041 | 0.02      | 0.016     | 0         | 49.9 | 48.6 | 63.2 | 146        | 142        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 22   | 22     | 17     | 1.594     | 0.03      | 3.045 | 0.016     | 0.013     | 0         | 50.3 | 49   | 64.9 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 22   | 32     | 17     | 1.637     | -0.007    | 3.045 | 0.016     | 0.013     | 0         | 50.3 | 49   | 63.6 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 22   | 42     | 17     | 1.594     | 0.036     | 3.045 | 0.016     | 0.016     | 0         | 50.3 | 49   | 65.8 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 22   | 52     | 17     | 1.572     | 0.046     | 3.045 | 0.016     | 0.013     | 0         | 50.3 | 49   | 65.4 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 23   | 2      | 17     | 1.624     | 0.01      | 3.045 | 0.013     | 0.01      | 0         | 50.3 | 48.6 | 62.8 | 147        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 23   | 12     | 17     | 1.614     | 0.03      | 3.045 | 0.016     | 0.016     | 0         | 50.7 | 49.5 | 64.5 | 148        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 23   | 22     | 17     | 1.65      | 0.049     | 3.045 | 0.016     | 0.013     | 0         | 50.3 | 49   | 63.6 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 23   | 32     | 17     | 1.608     | 0.007     | 3.045 | 0.016     | 0.013     | 0         | 50.3 | 49.5 | 64.5 | 147        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 23   | 42     | 17     | 1.631     | 0.036     | 3.045 | 0.016     | 0.016     | 0         | 50.3 | 49   | 63.6 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 23   | 52     | 17     | 1.631     | 0.026     | 3.045 | 0.016     | 0.013     | 0         | 50.3 | 49   | 64.1 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 0    | 2      | 17     | 1.604     | 0.056     | 3.045 | 0.016     | 0.013     | 0         | 49.9 | 48.6 | 64.9 | 147        | 143        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 28  | 0    | 12     | 17     | 1.627     | 0.023     | 3.045 | 0.016     | 0.016     | 0         | 50.7 | 48.6 | 63.2 | 148        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 0    | 22     | 17     | 1.627     | 0         | 3.045 | 0.016     | 0.013     | 0         | 50.7 | 49   | 62.4 | 148        | 144        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 0    | 32     | 17     | 1.624     | 0.033     | 3.045 | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 63.6 | 149        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 0    | 42     | 17     | 1.611     | 0.043     | 3.045 | 0.016     | 0.013     | 0         | 51.2 | 49.5 | 62.4 | 149        | 145        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 0    | 52     | 17     | 1.588     | 0.003     | 3.045 | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 62.4 | 149        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 1    | 2      | 17     | 1.634     | 0.03      | 3.045 | 0.013     | 0.01      | 0         | 51.6 | 50.3 | 64.9 | 149        | 146        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 1    | 12     | 17     | 1.65      | 0         | 3.045 | 0.016     | 0.013     | 0         | 51.2 | 49.5 | 62.8 | 149        | 145        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 1    | 22     | 17     | 1.608     | 0         | 3.048 | 0.016     | 0.016     | 0         | 51.2 | 49.9 | 63.6 | 149        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 1    | 32     | 17     | 1.588     | 0.033     | 3.048 | 0.016     | 0.016     | 0         | 51.2 | 49.9 | 63.2 | 149        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 1    | 42     | 17     | 1.614     | 0.066     | 3.048 | 0.016     | 0.016     | 0         | 51.6 | 50.3 | 62.8 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 1    | 52     | 17     | 1.621     | 0.01      | 3.048 | 0.013     | 0.01      | 0         | 51.2 | 50.3 | 62.8 | 149        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 2    | 2      | 17     | 1.604     | 0.075     | 3.048 | 0.016     | 0.013     | 0         | 50.7 | 49.9 | 63.2 | 149        | 145        | 0          | 31     | 29     |
| 2009 | 6     | 28  | 2    | 12     | 17     | 1.614     | 0.023     | 3.048 | 0.016     | 0.016     | 0         | 51.2 | 50.3 | 61.1 | 149        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 2    | 22     | 17     | 1.604     | 0.026     | 3.048 | 0.016     | 0.013     | 0         | 51.2 | 49.5 | 62.4 | 149        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 2    | 32     | 17     | 1.644     | 0.03      | 3.048 | 0.016     | 0.013     | 0         | 51.2 | 50.3 | 61.5 | 149        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 2    | 42     | 17     | 1.617     | -0.02     | 3.048 | 0.016     | 0.016     | 0         | 51.6 | 49.9 | 61.1 | 150        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 2    | 52     | 17     | 1.588     | 0.023     | 3.048 | 0.013     | 0.01      | 0         | 52   | 50.3 | 61.9 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 3    | 2      | 17     | 1.624     | 0.016     | 3.048 | 0.02      | 0.016     | 0         | 52   | 50.7 | 61.5 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 3    | 12     | 17     | 1.614     | 0.043     | 3.048 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 62.4 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 3    | 22     | 17     | 1.611     | 0.02      | 3.048 | 0.016     | 0.013     | 0         | 52   | 50.3 | 60.2 | 150        | 146        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 3    | 32     | 17     | 1.621     | 0.036     | 3.048 | 0.016     | 0.016     | 0         | 52   | 50.7 | 61.1 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 3    | 42     | 17     | 1.608     | 0.003     | 3.048 | 0.016     | 0.013     | 0         | 52   | 51.2 | 60.6 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 3    | 52     | 17     | 1.588     | 0.062     | 3.048 | 0.016     | 0.016     | 0         | 52   | 50.7 | 60.6 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 4    | 2      | 17     | 1.608     | 0.046     | 3.048 | 0.016     | 0.013     | 0         | 52   | 50.7 | 60.6 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 4    | 12     | 17     | 1.608     | 0.043     | 3.048 | 0.016     | 0.016     | 0         | 52   | 50.7 | 59.8 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 4    | 22     | 17     | 1.611     | 0.056     | 3.051 | 0.02      | 0.016     | 0         | 52   | 50.7 | 58.5 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 4    | 32     | 17     | 1.617     | 0.046     | 3.051 | 0.016     | 0.013     | 0         | 52   | 50.7 | 59.3 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 4    | 42     | 17     | 1.637     | -0.01     | 3.051 | 0.016     | 0.013     | 0         | 52   | 50.7 | 58.9 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 4    | 52     | 17     | 1.617     | 0.056     | 3.051 | 0.016     | 0.013     | 0         | 52   | 50.7 | 58.5 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 5    | 2      | 17     | 1.677     | 0.036     | 3.054 | 0.013     | 0.01      | 0         | 52.5 | 50.7 | 60.6 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 5    | 12     | 17     | 1.588     | 0.046     | 3.058 | 0.016     | 0.016     | 0         | 52   | 50.7 | 61.1 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 5    | 22     | 17     | 1.604     | 0.007     | 3.058 | 0.02      | 0.016     | 0         | 52.5 | 51.2 | 58.9 | 152        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 5    | 32     | 17     | 1.614     | 0.03      | 3.054 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 60.2 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 5    | 42     | 17     | 1.614     | 0         | 3.058 | 0.01      | 0.007     | 0         | 52.9 | 51.2 | 59.3 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 5    | 52     | 17     | 1.624     | 0.013     | 3.058 | 0.016     | 0.013     | 0         | 52   | 50.7 | 58.9 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 6    | 2      | 17     | 1.621     | 0.01      | 3.061 | 0.016     | 0.013     | 0         | 52   | 51.2 | 59.8 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 6    | 12     | 17     | 1.604     | -0.013    | 3.061 | 0.02      | 0.016     | 0         | 52.5 | 51.2 | 58.9 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 6    | 22     | 17     | 1.637     | 0.056     | 3.061 | 0.016     | 0.013     | 0         | 51.6 | 51.2 | 59.8 | 151        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 28  | 6    | 32     | 17     | 1.634     | 0.013     | 3.061 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 61.5 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 28  | 6    | 42     | 17     | 1.604     | 0.039     | 3.064 | 0.016     | 0.016     | 0         | 52   | 50.7 | 61.1 | 152        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 28  | 6    | 52     | 17     | 1.644     | -0.003    | 3.064 | 0.016     | 0.016     | 0         | 51.6 | 50.3 | 60.2 | 151        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 28  | 7    | 2      | 17     | 1.621     | 0.033     | 3.064 | 0.01      | 0.007     | 0         | 51.6 | 50.7 | 61.5 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 28  | 7    | 12     | 17     | 1.601     | 0.01      | 3.064 | 0.02      | 0.016     | 0         | 51.6 | 50.7 | 62.4 | 151        | 147        | 0          | 31     | 29     |
| 2009 | 6     | 28  | 7    | 22     | 17     | 1.64      | 0.043     | 3.064 | 0.02      | 0.016     | 0         | 51.6 | 50.3 | 61.5 | 150        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 7    | 32     | 17     | 1.644     | -0.013    | 3.064 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 61.9 | 150        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 7    | 42     | 17     | 1.617     | 0         | 3.064 | 0.013     | 0.01      | 0         | 51.6 | 50.7 | 61.1 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 28  | 7    | 52     | 17     | 1.64      | 0         | 3.064 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 62.8 | 151        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 28  | 8    | 2      | 17     | 1.608     | 0.02      | 3.064 | 0.016     | 0.013     | 0         | 52   | 50.7 | 62.8 | 152        | 148        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 28  | 8    | 12     | 17     | 1.611     | 0.036     | 3.064 | 0.016     | 0.013     | 0         | 52.5 | 50.7 | 62.8 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 8    | 22     | 17     | 1.611     | 0.016     | 3.068 | 0.016     | 0.016     | 0         | 52   | 51.2 | 63.2 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 8    | 32     | 17     | 1.627     | -0.007    | 3.064 | 0.016     | 0.016     | 0         | 52   | 50.7 | 63.2 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 8    | 42     | 17     | 1.608     | 0.033     | 3.064 | 0.016     | 0.016     | 0         | 51.6 | 51.2 | 62.4 | 151        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 28  | 8    | 52     | 17     | 1.562     | 0.056     | 3.068 | 0.016     | 0.013     | 0         | 52   | 50.7 | 63.2 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 9    | 2      | 17     | 1.552     | 0.039     | 3.068 | 0.016     | 0.016     | 0         | 52   | 51.2 | 63.2 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 9    | 12     | 17     | 1.631     | -0.007    | 3.068 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 64.5 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 9    | 22     | 17     | 1.588     | 0.059     | 3.068 | 0.016     | 0.013     | 0         | 52   | 50.7 | 64.1 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 9    | 32     | 17     | 1.617     | 0.033     | 3.068 | 0.016     | 0.013     | 0         | 52   | 51.2 | 63.2 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 9    | 42     | 17     | 1.647     | 0.01      | 3.064 | 0.016     | 0.013     | 0         | 52   | 51.2 | 62.8 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 9    | 52     | 17     | 1.647     | -0.023    | 3.068 | 0.016     | 0.013     | 0         | 51.6 | 51.2 | 62.4 | 151        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 28  | 10   | 2      | 17     | 1.654     | -0.003    | 3.068 | 0.016     | 0.013     | 0         | 52   | 51.2 | 62.4 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 10   | 12     | 17     | 1.64      | 0.03      | 3.068 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 61.5 | 151        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 28  | 10   | 22     | 17     | 1.64      | -0.003    | 3.068 | 0.016     | 0.016     | 0         | 51.6 | 51.2 | 63.6 | 151        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 28  | 10   | 32     | 17     | 1.604     | 0.033     | 3.068 | 0.016     | 0.013     | 0         | 51.2 | 50.7 | 64.9 | 150        | 147        | 0          | 31     | 29     |
| 2009 | 6     | 28  | 10   | 42     | 17     | 1.572     | 0.056     | 3.068 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 63.6 | 150        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 10   | 52     | 17     | 1.572     | 0.013     | 3.068 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 63.6 | 150        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 11   | 2      | 17     | 1.604     | 0.039     | 3.068 | 0.016     | 0.016     | 0         | 51.6 | 49.9 | 63.6 | 150        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 11   | 12     | 17     | 1.598     | 0.033     | 3.068 | 0.013     | 0.01      | 0         | 51.6 | 50.3 | 64.1 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 11   | 22     | 17     | 1.663     | -0.007    | 3.068 | 0.02      | 0.016     | 0         | 51.6 | 50.3 | 63.2 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 11   | 32     | 17     | 1.601     | 0         | 3.068 | 0.016     | 0.016     | 0         | 51.2 | 49.9 | 64.5 | 149        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 11   | 42     | 17     | 1.594     | 0.016     | 3.068 | 0.013     | 0.01      | 0         | 51.6 | 50.3 | 64.1 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 11   | 52     | 17     | 1.601     | 0.026     | 3.068 | 0.016     | 0.013     | 0         | 50.7 | 50.3 | 63.2 | 149        | 146        | 0          | 31     | 29     |
| 2009 | 6     | 28  | 12   | 2      | 17     | 1.581     | 0.062     | 3.068 | 0.013     | 0.01      | 0         | 51.6 | 50.3 | 64.5 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 12   | 12     | 17     | 1.67      | 0.03      | 3.068 | 0.016     | 0.013     | 0         | 50.7 | 50.3 | 62.8 | 149        | 146        | 0          | 31     | 29     |
| 2009 | 6     | 28  | 12   | 22     | 17     | 1.598     | 0.049     | 3.068 | 0.016     | 0.016     | 0         | 50.7 | 49.9 | 64.1 | 149        | 145        | 0          | 31     | 29     |
| 2009 | 6     | 28  | 12   | 32     | 17     | 1.631     | 0.039     | 3.068 | 0.016     | 0.013     | 0         | 51.2 | 50.3 | 63.2 | 149        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 12   | 42     | 17     | 1.608     | 0.016     | 3.068 | 0.016     | 0.013     | 0         | 50.7 | 49.9 | 63.6 | 149        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 28  | 12   | 52     | 17     | 1.631     | 0.033     | 3.068 | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 61.9 | 149        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 13   | 2      | 17     | 1.611     | 0.043     | 3.068 | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 64.1 | 149        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 13   | 12     | 17     | 1.647     | 0.03      | 3.068 | 0.016     | 0.013     | 0         | 50.7 | 50.3 | 64.1 | 149        | 146        | 0          | 31     | 29     |
| 2009 | 6     | 28  | 13   | 22     | 17     | 1.614     | 0.049     | 3.068 | 0.016     | 0.016     | 0         | 50.7 | 49.5 | 62.8 | 148        | 145        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 13   | 32     | 17     | 1.627     | 0.069     | 3.068 | 0.016     | 0.013     | 0         | 50.3 | 49.9 | 63.2 | 148        | 145        | 0          | 31     | 29     |
| 2009 | 6     | 28  | 13   | 42     | 17     | 1.611     | 0.105     | 3.068 | 0.016     | 0.016     | 0         | 50.7 | 49.5 | 64.1 | 148        | 145        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 13   | 52     | 17     | 1.64      | 0.043     | 3.068 | 0.013     | 0.01      | 0         | 50.7 | 49   | 63.2 | 148        | 144        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 14   | 2      | 17     | 1.594     | 0.01      | 3.068 | 0.016     | 0.013     | 0         | 50.7 | 49.5 | 62.8 | 148        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 14   | 12     | 17     | 1.604     | 0.059     | 3.068 | 0.016     | 0.016     | 0         | 50.7 | 49.5 | 63.6 | 148        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 14   | 22     | 17     | 1.627     | 0.066     | 3.068 | 0.016     | 0.013     | 0         | 50.3 | 49.5 | 62.8 | 147        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 14   | 32     | 17     | 1.637     | 0.059     | 3.068 | 0.016     | 0.013     | 0         | 50.3 | 49.5 | 63.6 | 147        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 14   | 42     | 17     | 1.631     | -0.007    | 3.068 | 0.013     | 0.01      | 0         | 50.3 | 49   | 62.8 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 14   | 52     | 17     | 1.598     | -0.007    | 3.068 | 0.02      | 0.016     | 0         | 50.3 | 48.6 | 63.2 | 147        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 15   | 2      | 17     | 1.654     | 0.049     | 3.068 | 0.016     | 0.013     | 0         | 49.9 | 49.5 | 62.4 | 147        | 144        | 0          | 31     | 29     |
| 2009 | 6     | 28  | 15   | 12     | 17     | 1.604     | 0.036     | 3.068 | 0.02      | 0.016     | 0         | 50.3 | 49   | 62.8 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 15   | 22     | 17     | 1.654     | 0.039     | 3.068 | 0.016     | 0.013     | 0         | 50.3 | 49   | 61.1 | 147        | 144        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 15   | 32     | 17     | 1.647     | 0.016     | 3.068 | 0.02      | 0.016     | 0         | 50.3 | 49.5 | 61.5 | 147        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 15   | 42     | 17     | 1.552     | 0.043     | 3.068 | 0.016     | 0.013     | 0         | 50.7 | 49.5 | 62.8 | 148        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 15   | 52     | 17     | 1.614     | 0.036     | 3.068 | 0.016     | 0.013     | 0         | 50.3 | 49.5 | 61.9 | 147        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 16   | 2      | 17     | 1.601     | 0.016     | 3.068 | 0.016     | 0.013     | 0         | 49.9 | 48.6 | 62.8 | 147        | 143        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 28  | 16   | 12     | 17     | 1.614     | 0.007     | 3.068 | 0.016     | 0.013     | 0         | 50.3 | 49   | 61.5 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 16   | 22     | 17     | 1.64      | 0.026     | 3.068 | 0.016     | 0.013     | 0         | 50.3 | 49   | 63.2 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 16   | 32     | 17     | 1.614     | 0.046     | 3.068 | 0.016     | 0.013     | 0         | 49.9 | 49   | 63.2 | 147        | 143        | 0          | 31     | 29     |
| 2009 | 6     | 28  | 16   | 42     | 17     | 1.68      | 0.003     | 3.068 | 0.016     | 0.013     | 0         | 50.3 | 48.6 | 61.1 | 147        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 16   | 52     | 17     | 1.581     | 0.075     | 3.068 | 0.016     | 0.013     | 0         | 50.3 | 48.6 | 61.9 | 147        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 17   | 2      | 17     | 1.611     | 0.043     | 3.068 | 0.016     | 0.013     | 0         | 49.9 | 49   | 61.9 | 147        | 143        | 0          | 31     | 29     |
| 2009 | 6     | 28  | 17   | 12     | 17     | 1.627     | 0.046     | 3.068 | 0.016     | 0.013     | 0         | 50.3 | 49   | 61.9 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 17   | 22     | 17     | 1.647     | 0.036     | 3.068 | 0.016     | 0.013     | 0         | 50.3 | 49   | 61.5 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 17   | 32     | 17     | 1.634     | 0.013     | 3.068 | 0.016     | 0.013     | 0         | 50.3 | 49   | 61.9 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 17   | 42     | 17     | 1.594     | 0.033     | 3.068 | 0.016     | 0.013     | 0         | 50.3 | 48.6 | 61.9 | 147        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 17   | 52     | 17     | 1.585     | 0.01      | 3.068 | 0.013     | 0.01      | 0         | 49.9 | 49   | 61.9 | 147        | 143        | 0          | 31     | 29     |
| 2009 | 6     | 28  | 18   | 2      | 17     | 1.614     | -0.023    | 3.068 | 0.016     | 0.013     | 0         | 50.3 | 48.6 | 61.1 | 147        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 18   | 12     | 17     | 1.608     | 0.059     | 3.068 | 0.016     | 0.013     | 0         | 50.3 | 49   | 62.8 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 18   | 22     | 17     | 1.594     | 0.01      | 3.068 | 0.016     | 0.013     | 0         | 50.3 | 49   | 61.5 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 18   | 32     | 17     | 1.562     | 0.075     | 3.068 | 0.016     | 0.013     | 0         | 50.3 | 49   | 62.8 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 18   | 42     | 17     | 1.677     | 0.02      | 3.068 | 0.016     | 0.016     | 0         | 50.3 | 48.6 | 62.8 | 147        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 18   | 52     | 17     | 1.598     | 0.039     | 3.068 | 0.016     | 0.016     | 0         | 50.3 | 49   | 61.9 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 19   | 2      | 17     | 1.588     | 0.059     | 3.068 | 0.016     | 0.013     | 0         | 50.3 | 49   | 63.2 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 19   | 12     | 17     | 1.624     | 0.066     | 3.071 | 0.016     | 0.013     | 0         | 49.9 | 48.6 | 61.5 | 147        | 143        | 0          | 31     | 30     |
| 2009 | 6     | 28  | 19   | 22     | 17     | 1.617     | 0.007     | 3.068 | 0.016     | 0.016     | 0         | 50.3 | 48.6 | 61.9 | 147        | 142        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 19   | 32     | 17     | 1.621     | 0.039     | 3.068 | 0.016     | 0.013     | 0         | 50.3 | 48.6 | 62.4 | 147        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 19   | 42     | 17     | 1.624     | 0.033     | 3.071 | 0.016     | 0.016     | 0         | 50.3 | 49   | 61.1 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 19   | 52     | 17     | 1.647     | 0.033     | 3.071 | 0.02      | 0.016     | 0         | 50.3 | 49   | 62.8 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 20   | 2      | 17     | 1.624     | 0.02      | 3.071 | 0.013     | 0.01      | 0         | 50.3 | 48.6 | 61.1 | 147        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 20   | 12     | 17     | 1.581     | 0.033     | 3.071 | 0.016     | 0.016     | 0         | 50.3 | 48.6 | 62.4 | 147        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 20   | 22     | 17     | 1.588     | 0.043     | 3.071 | 0.016     | 0.013     | 0         | 50.3 | 49   | 62.4 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 20   | 32     | 17     | 1.621     | 0.02      | 3.071 | 0.016     | 0.016     | 0         | 50.3 | 49   | 61.5 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 20   | 42     | 17     | 1.644     | 0.016     | 3.071 | 0.016     | 0.013     | 0         | 50.3 | 49   | 62.4 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 20   | 52     | 17     | 1.637     | 0.013     | 3.074 | 0.016     | 0.016     | 0         | 50.3 | 49   | 61.5 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 21   | 2      | 17     | 1.611     | 0.033     | 3.074 | 0.016     | 0.013     | 0         | 50.3 | 48.6 | 61.5 | 147        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 21   | 12     | 17     | 1.627     | 0.039     | 3.074 | 0.016     | 0.013     | 0         | 50.3 | 49   | 62.4 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 21   | 22     | 17     | 1.644     | 0         | 3.074 | 0.016     | 0.013     | 0         | 50.3 | 49   | 61.5 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 21   | 32     | 17     | 1.604     | 0.039     | 3.074 | 0.016     | 0.013     | 0         | 49.9 | 48.2 | 62.4 | 146        | 142        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 21   | 42     | 17     | 1.67      | 0.016     | 3.074 | 0.016     | 0.013     | 0         | 49.9 | 48.6 | 62.4 | 146        | 142        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 21   | 52     | 17     | 1.647     | 0.03      | 3.074 | 0.01      | 0.007     | 0         | 49.9 | 48.6 | 61.1 | 146        | 142        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 22   | 2      | 17     | 1.614     | 0.056     | 3.074 | 0.016     | 0.013     | 0         | 49.9 | 48.6 | 61.5 | 146        | 142        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 22   | 12     | 17     | 1.621     | 0.046     | 3.077 | 0.016     | 0.013     | 0         | 49.9 | 49   | 63.2 | 146        | 142        | 0          | 30     | 28     |
| 2009 | 6     | 28  | 22   | 22     | 17     | 1.634     | -0.007    | 3.077 | 0.016     | 0.016     | 0         | 50.3 | 48.6 | 62.4 | 146        | 142        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 22   | 32     | 17     | 1.578     | 0.072     | 3.077 | 0.016     | 0.016     | 0         | 50.3 | 48.2 | 63.6 | 146        | 142        | 0          | 29     | 30     |
| 2009 | 6     | 28  | 22   | 42     | 17     | 1.654     | 0.02      | 3.077 | 0.016     | 0.013     | 0         | 49.9 | 48.6 | 62.4 | 146        | 142        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 22   | 52     | 17     | 1.591     | 0.007     | 3.074 | 0.016     | 0.013     | 0         | 49.9 | 48.2 | 62.4 | 146        | 142        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 23   | 2      | 17     | 1.617     | 0.023     | 3.077 | 0.016     | 0.013     | 0         | 49.9 | 48.6 | 62.4 | 146        | 142        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 23   | 12     | 17     | 1.578     | 0.062     | 3.077 | 0.016     | 0.013     | 0         | 50.3 | 49   | 63.2 | 146        | 143        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 23   | 22     | 17     | 1.624     | 0.026     | 3.077 | 0.016     | 0.016     | 0         | 49.9 | 48.6 | 62.8 | 146        | 142        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 23   | 32     | 17     | 1.608     | 0.089     | 3.077 | 0.016     | 0.013     | 0         | 50.3 | 49   | 63.2 | 146        | 143        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 23   | 42     | 17     | 1.608     | 0.026     | 3.077 | 0.016     | 0.016     | 0         | 50.3 | 48.6 | 63.6 | 147        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 23   | 52     | 17     | 1.611     | 0.046     | 3.077 | 0.016     | 0.013     | 0         | 50.3 | 49   | 62.8 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 0    | 2      | 17     | 1.654     | 0.02      | 3.077 | 0.016     | 0.013     | 0         | 50.7 | 49   | 62.4 | 147        | 143        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 29  | 0    | 12     | 17     | 1.604     | 0.039     | 3.077 | 0.016     | 0.016     | 0         | 50.7 | 49.5 | 63.2 | 148        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 0    | 22     | 17     | 1.594     | 0.049     | 3.077 | 0.016     | 0.013     | 0         | 50.3 | 49   | 62.8 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 0    | 32     | 17     | 1.686     | 0.007     | 3.077 | 0.016     | 0.016     | 0         | 50.7 | 49   | 63.2 | 148        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 0    | 42     | 17     | 1.637     | 0.056     | 3.077 | 0.016     | 0.013     | 0         | 50.7 | 49.5 | 63.2 | 148        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 0    | 52     | 17     | 1.565     | 0.062     | 3.077 | 0.016     | 0.013     | 0         | 50.7 | 49   | 62.4 | 148        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 1    | 2      | 17     | 1.627     | 0.049     | 3.077 | 0.016     | 0.013     | 0         | 50.3 | 48.6 | 63.6 | 147        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 1    | 12     | 17     | 1.624     | 0.069     | 3.077 | 0.026     | 0.023     | 0         | 50.7 | 49.5 | 64.5 | 148        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 1    | 22     | 17     | 1.64      | 0.003     | 3.077 | 0.013     | 0.01      | 0         | 51.2 | 49.9 | 62.4 | 148        | 144        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 1    | 32     | 17     | 1.601     | 0.016     | 3.077 | 0.016     | 0.016     | 0         | 50.7 | 49.5 | 62.8 | 148        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 1    | 42     | 17     | 1.594     | 0.049     | 3.077 | 0.016     | 0.016     | 0         | 51.2 | 49.9 | 63.6 | 149        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 1    | 52     | 17     | 1.545     | 0.043     | 3.077 | 0.016     | 0.016     | 0         | 51.6 | 49.9 | 62.8 | 150        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 2    | 2      | 17     | 1.67      | 0.02      | 3.077 | 0.016     | 0.013     | 0         | 50.7 | 50.3 | 62.8 | 149        | 145        | 0          | 31     | 28     |
| 2009 | 6     | 29  | 2    | 12     | 17     | 1.647     | 0.026     | 3.077 | 0.016     | 0.016     | 0         | 51.6 | 49.9 | 63.2 | 150        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 2    | 22     | 17     | 1.624     | 0.056     | 3.077 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 63.6 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 2    | 32     | 17     | 1.64      | 0.066     | 3.077 | 0.016     | 0.016     | 0         | 51.6 | 50.3 | 64.1 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 2    | 42     | 17     | 1.634     | 0.056     | 3.077 | 0.016     | 0.013     | 0         | 51.6 | 49.9 | 62.8 | 150        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 2    | 52     | 17     | 1.621     | 0.033     | 3.077 | 0.016     | 0.016     | 0         | 51.2 | 50.3 | 62.4 | 149        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 3    | 2      | 17     | 1.588     | 0.056     | 3.077 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 63.6 | 150        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 3    | 12     | 17     | 1.594     | 0.079     | 3.077 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 64.5 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 3    | 22     | 17     | 1.581     | 0.046     | 3.077 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 61.9 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 3    | 32     | 17     | 1.654     | 0.02      | 3.077 | 0.016     | 0.013     | 0         | 52   | 50.7 | 62.8 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 3    | 42     | 17     | 1.621     | 0.03      | 3.081 | 0.016     | 0.013     | 0         | 52   | 50.7 | 63.6 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 3    | 52     | 17     | 1.617     | 0.056     | 3.077 | 0.013     | 0.01      | 0         | 52   | 50.3 | 63.2 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 4    | 2      | 17     | 1.667     | 0.02      | 3.077 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 61.5 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 4    | 12     | 17     | 1.654     | 0.079     | 3.077 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 62.8 | 151        | 147        | 0          | 31     | 29     |
| 2009 | 6     | 29  | 4    | 22     | 17     | 1.667     | 0.007     | 3.077 | 0.013     | 0.01      | 0         | 52   | 50.3 | 63.6 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 4    | 32     | 17     | 1.572     | 0.013     | 3.077 | 0.016     | 0.013     | 0         | 52   | 50.7 | 63.2 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 4    | 42     | 17     | 1.644     | 0.059     | 3.081 | 0.016     | 0.016     | 0         | 52   | 50.7 | 63.2 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 4    | 52     | 17     | 1.647     | 0.01      | 3.077 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 61.9 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 5    | 2      | 17     | 1.647     | 0.026     | 3.077 | 0.016     | 0.016     | 0         | 51.6 | 51.2 | 62.8 | 151        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 29  | 5    | 12     | 17     | 1.608     | 0.033     | 3.081 | 0.013     | 0.01      | 0         | 52   | 51.2 | 63.2 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 5    | 22     | 17     | 1.64      | 0.007     | 3.077 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 61.9 | 152        | 149        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 5    | 32     | 17     | 1.604     | 0.023     | 3.081 | 0.016     | 0.016     | 0         | 52.9 | 51.2 | 62.4 | 153        | 149        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 5    | 42     | 17     | 1.64      | -0.016    | 3.077 | 0.016     | 0.016     | 0         | 52.5 | 51.6 | 61.1 | 153        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 29  | 5    | 52     | 17     | 1.604     | 0.052     | 3.077 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 62.4 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 6    | 2      | 17     | 1.627     | 0.02      | 3.077 | 0.016     | 0.013     | 0         | 52   | 51.2 | 61.5 | 152        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 29  | 6    | 12     | 17     | 1.634     | 0.046     | 3.077 | 0.016     | 0.013     | 0         | 52.5 | 50.7 | 61.9 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 6    | 22     | 17     | 1.585     | 0.023     | 3.077 | 0.02      | 0.016     | 0         | 52.5 | 50.7 | 61.1 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 6    | 32     | 17     | 1.601     | 0.013     | 3.077 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 62.8 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 6    | 42     | 17     | 1.608     | 0.02      | 3.077 | 0.016     | 0.013     | 0         | 52   | 50.7 | 61.5 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 6    | 52     | 17     | 1.631     | 0.052     | 3.077 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 61.5 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 7    | 2      | 17     | 1.67      | 0.046     | 3.077 | 0.016     | 0.016     | 0         | 52   | 50.7 | 62.4 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 7    | 12     | 17     | 1.627     | 0.02      | 3.077 | 0.016     | 0.013     | 0         | 52   | 50.3 | 62.8 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 7    | 22     | 17     | 1.608     | 0.033     | 3.077 | 0.016     | 0.016     | 0         | 52   | 50.3 | 62.8 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 7    | 32     | 17     | 1.617     | 0.043     | 3.077 | 0.016     | 0.016     | 0         | 52   | 50.3 | 61.1 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 7    | 42     | 17     | 1.644     | 0.036     | 3.077 | 0.016     | 0.013     | 0         | 52   | 51.2 | 62.4 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 7    | 52     | 17     | 1.627     | 0.046     | 3.077 | 0.016     | 0.016     | 0         | 52   | 50.7 | 61.1 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 8    | 2      | 17     | 1.604     | 0.03      | 3.077 | 0.013     | 0.01      | 0         | 51.6 | 51.2 | 61.9 | 151        | 148        | 0          | 31     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 29  | 8    | 12     | 17     | 1.604     | 0.062     | 3.081 | 0.016     | 0.013     | 0         | 52   | 50.7 | 64.1 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 8    | 22     | 17     | 1.64      | 0.069     | 3.081 | 0.02      | 0.016     | 0         | 52   | 50.7 | 63.2 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 8    | 32     | 17     | 1.604     | 0.059     | 3.081 | 0.016     | 0.016     | 0         | 51.2 | 50.3 | 61.9 | 150        | 147        | 0          | 31     | 30     |
| 2009 | 6     | 29  | 8    | 42     | 17     | 1.601     | 0.02      | 3.081 | 0.016     | 0.016     | 0         | 52   | 51.2 | 61.5 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 8    | 52     | 17     | 1.654     | 0.023     | 3.081 | 0.016     | 0.013     | 0         | 52   | 50.7 | 63.6 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 9    | 2      | 17     | 1.581     | 0.033     | 3.081 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 63.6 | 151        | 147        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 9    | 12     | 17     | 1.627     | 0.016     | 3.077 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 61.9 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 9    | 22     | 17     | 1.627     | 0.013     | 3.081 | 0.016     | 0.013     | 0         | 52   | 50.3 | 61.9 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 9    | 32     | 17     | 1.578     | 0.069     | 3.081 | 0.013     | 0.01      | 0         | 52   | 51.2 | 62.8 | 152        | 149        | 0          | 31     | 30     |
| 2009 | 6     | 29  | 9    | 42     | 17     | 1.617     | 0.043     | 3.081 | 0.016     | 0.013     | 0         | 52   | 50.7 | 61.1 | 152        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 29  | 9    | 52     | 17     | 1.627     | 0.033     | 3.081 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 62.4 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 10   | 2      | 17     | 1.617     | 0.03      | 3.081 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 62.4 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 10   | 12     | 17     | 1.608     | 0.036     | 3.081 | 0.016     | 0.016     | 0         | 52   | 50.7 | 62.4 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 10   | 22     | 17     | 1.581     | 0.052     | 3.081 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 62.8 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 10   | 32     | 17     | 1.604     | 0.023     | 3.081 | 0.016     | 0.013     | 0         | 52   | 50.7 | 61.5 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 10   | 42     | 17     | 1.624     | 0.056     | 3.081 | 0.016     | 0.016     | 0         | 52   | 50.7 | 62.4 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 10   | 52     | 17     | 1.585     | 0.02      | 3.077 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.5 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 11   | 2      | 17     | 1.634     | 0         | 3.081 | 0.013     | 0.01      | 0         | 52   | 50.7 | 61.9 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 11   | 12     | 17     | 1.594     | 0.026     | 3.081 | 0.016     | 0.013     | 0         | 52   | 50.7 | 62.4 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 11   | 22     | 17     | 1.591     | 0.059     | 3.081 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 62.4 | 150        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 11   | 32     | 17     | 1.588     | 0.016     | 3.081 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 62.4 | 150        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 11   | 42     | 17     | 1.644     | 0.039     | 3.081 | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 63.6 | 149        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 11   | 52     | 17     | 1.64      | 0.056     | 3.081 | 0.013     | 0.01      | 0         | 52   | 50.7 | 61.9 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 12   | 2      | 17     | 1.611     | 0.03      | 3.081 | 0.02      | 0.016     | 0         | 51.2 | 49.9 | 62.8 | 150        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 29  | 12   | 12     | 17     | 1.601     | 0.033     | 3.081 | 0.016     | 0.016     | 0         | 51.6 | 49.9 | 62.4 | 150        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 12   | 22     | 17     | 1.611     | 0.039     | 3.081 | 0.016     | 0.013     | 0         | 52   | 50.7 | 62.4 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 12   | 32     | 17     | 1.657     | 0.01      | 3.081 | 0.016     | 0.013     | 0         | 52   | 50.3 | 62.4 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 12   | 42     | 17     | 1.581     | 0.066     | 3.081 | 0.016     | 0.013     | 0         | 52   | 50.7 | 62.8 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 12   | 52     | 17     | 1.594     | 0.02      | 3.081 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 61.9 | 151        | 147        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 13   | 2      | 17     | 1.585     | 0.062     | 3.081 | 0.016     | 0.013     | 0         | 52   | 50.7 | 61.1 | 152        | 148        | 0          | 31     | 30     |
| 2009 | 6     | 29  | 13   | 12     | 17     | 1.608     | 0.026     | 3.081 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 61.5 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 13   | 22     | 17     | 1.614     | 0.033     | 3.081 | 0.016     | 0.013     | 0         | 52.9 | 52   | 61.5 | 153        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 13   | 32     | 17     | 1.558     | 0.072     | 3.081 | 0.013     | 0.01      | 0         | 52.9 | 52   | 61.9 | 153        | 150        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 13   | 42     | 17     | 1.608     | 0.033     | 3.081 | 0.016     | 0.016     | 0         | 52   | 51.6 | 62.4 | 152        | 149        | 0          | 31     | 29     |
| 2009 | 6     | 29  | 13   | 52     | 17     | 1.611     | 0.046     | 3.081 | 0.016     | 0.013     | 0         | 52   | 51.2 | 63.2 | 151        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 14   | 2      | 17     | 1.677     | 0.01      | 3.081 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 62.8 | 150        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 14   | 12     | 17     | 1.667     | 0.036     | 3.081 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 62.8 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 14   | 22     | 17     | 1.601     | 0.039     | 3.081 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 62.4 | 150        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 14   | 32     | 17     | 1.591     | 0.049     | 3.081 | 0.013     | 0.01      | 0         | 51.2 | 50.3 | 64.5 | 149        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 14   | 42     | 17     | 1.578     | 0.052     | 3.081 | 0.016     | 0.013     | 0         | 51.2 | 50.3 | 63.6 | 149        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 14   | 52     | 17     | 1.631     | 0.036     | 3.081 | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 63.6 | 149        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 15   | 2      | 17     | 1.621     | 0.036     | 3.081 | 0.016     | 0.016     | 0         | 51.2 | 49.9 | 62.8 | 149        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 15   | 12     | 17     | 1.608     | 0.013     | 3.081 | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 62.8 | 149        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 15   | 22     | 17     | 1.657     | 0.026     | 3.081 | 0.016     | 0.013     | 0         | 51.2 | 50.3 | 62.8 | 149        | 145        | 0          | 30     | 28     |
| 2009 | 6     | 29  | 15   | 32     | 17     | 1.601     | 0.036     | 3.081 | 0.016     | 0.013     | 0         | 50.7 | 49.9 | 64.9 | 148        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 15   | 42     | 17     | 1.617     | 0.02      | 3.081 | 0.016     | 0.013     | 0         | 51.6 | 49.9 | 63.6 | 149        | 145        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 15   | 52     | 17     | 1.617     | 0.052     | 3.081 | 0.016     | 0.016     | 0         | 51.2 | 49.9 | 64.1 | 149        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 16   | 2      | 17     | 1.647     | 0.069     | 3.081 | 0.013     | 0.01      | 0         | 51.2 | 49.9 | 64.9 | 149        | 145        | 0          | 30     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 29  | 16   | 12     | 17     | 1.624     | 0.023     | 3.081 | 0.016     | 0.013     | 0         | 51.2 | 50.3 | 63.2 | 149        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 16   | 22     | 17     | 1.591     | 0.026     | 3.081 | 0.01      | 0.007     | 0         | 51.2 | 50.3 | 63.2 | 149        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 16   | 32     | 17     | 1.621     | 0.056     | 3.081 | 0.013     | 0.01      | 0         | 50.7 | 49.9 | 65.4 | 149        | 145        | 0          | 31     | 29     |
| 2009 | 6     | 29  | 16   | 42     | 17     | 1.654     | 0.02      | 3.081 | 0.013     | 0.01      | 0         | 51.2 | 49.9 | 63.2 | 149        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 16   | 52     | 17     | 1.588     | 0.023     | 3.081 | 0.016     | 0.013     | 0         | 51.6 | 49.9 | 63.6 | 149        | 145        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 17   | 2      | 17     | 1.568     | 0.066     | 3.081 | 0.013     | 0.01      | 0         | 50.7 | 49.5 | 64.1 | 148        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 17   | 12     | 17     | 1.572     | 0.049     | 3.081 | 0.013     | 0.01      | 0         | 50.7 | 49.5 | 63.6 | 148        | 145        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 17   | 22     | 17     | 1.621     | 0.092     | 3.081 | 0.016     | 0.016     | 0         | 51.2 | 49.9 | 63.6 | 149        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 17   | 32     | 17     | 1.601     | 0.072     | 3.081 | 0.016     | 0.013     | 0         | 51.2 | 49.5 | 64.9 | 149        | 145        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 17   | 42     | 17     | 1.585     | 0.062     | 3.081 | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 63.2 | 149        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 17   | 52     | 17     | 1.588     | 0.056     | 3.081 | 0.013     | 0.01      | 0         | 51.2 | 49.5 | 64.1 | 149        | 145        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 18   | 2      | 17     | 1.621     | 0.092     | 3.081 | 0.016     | 0.016     | 0         | 50.3 | 49.9 | 64.5 | 148        | 145        | 0          | 31     | 29     |
| 2009 | 6     | 29  | 18   | 12     | 17     | 1.575     | 0.069     | 3.081 | 0.016     | 0.016     | 0         | 50.7 | 49.5 | 64.9 | 148        | 145        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 18   | 22     | 17     | 1.608     | 0.066     | 3.081 | 0.016     | 0.013     | 0         | 50.7 | 49.5 | 62.8 | 148        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 18   | 32     | 17     | 1.644     | 0.007     | 3.081 | 0.016     | 0.013     | 0         | 50.7 | 49.5 | 64.1 | 148        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 18   | 42     | 17     | 1.667     | 0.013     | 3.081 | 0.01      | 0.007     | 0         | 50.7 | 49.5 | 64.5 | 148        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 18   | 52     | 17     | 1.581     | 0.052     | 3.081 | 0.013     | 0.01      | 0         | 50.7 | 49.5 | 65.4 | 148        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 19   | 2      | 17     | 1.604     | 0.082     | 3.081 | 0.016     | 0.013     | 0         | 50.7 | 49.9 | 67.1 | 148        | 144        | 0          | 30     | 28     |
| 2009 | 6     | 29  | 19   | 12     | 17     | 1.588     | 0.102     | 3.084 | 0.013     | 0.01      | 0         | 51.2 | 49.5 | 66.2 | 149        | 145        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 19   | 22     | 17     | 1.614     | 0.059     | 3.084 | 0.016     | 0.013     | 0         | 50.7 | 49.9 | 65.4 | 148        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 19   | 32     | 17     | 1.64      | 0.026     | 3.084 | 0.016     | 0.013     | 0         | 50.7 | 49.9 | 63.6 | 149        | 145        | 0          | 31     | 29     |
| 2009 | 6     | 29  | 19   | 42     | 17     | 1.614     | 0.036     | 3.084 | 0.02      | 0.016     | 0         | 50.7 | 49   | 65.4 | 148        | 144        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 19   | 52     | 17     | 1.654     | 0.02      | 3.084 | 0.016     | 0.013     | 0         | 51.2 | 49.5 | 64.1 | 149        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 20   | 2      | 17     | 1.588     | 0.079     | 3.084 | 0.013     | 0.01      | 0         | 50.7 | 49.9 | 64.5 | 149        | 145        | 0          | 31     | 29     |
| 2009 | 6     | 29  | 20   | 12     | 17     | 1.627     | 0.059     | 3.084 | 0.016     | 0.016     | 0         | 51.2 | 49.5 | 64.1 | 149        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 20   | 22     | 17     | 1.611     | 0.039     | 3.084 | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 63.2 | 149        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 20   | 32     | 17     | 1.624     | 0.075     | 3.084 | 0.016     | 0.016     | 0         | 50.7 | 49.9 | 64.5 | 149        | 145        | 0          | 31     | 29     |
| 2009 | 6     | 29  | 20   | 42     | 17     | 1.631     | 0.095     | 3.084 | 0.016     | 0.013     | 0         | 50.7 | 49   | 64.5 | 148        | 144        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 20   | 52     | 17     | 1.601     | 0.062     | 3.084 | 0.013     | 0.01      | 0         | 51.2 | 49.9 | 64.9 | 149        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 21   | 2      | 17     | 1.627     | 0.033     | 3.084 | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 64.1 | 149        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 21   | 12     | 17     | 1.601     | 0.01      | 3.084 | 0.016     | 0.016     | 0         | 51.2 | 49.9 | 63.6 | 149        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 21   | 22     | 17     | 1.611     | 0.082     | 3.084 | 0.016     | 0.016     | 0         | 51.2 | 49.5 | 64.1 | 149        | 145        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 21   | 32     | 17     | 1.627     | 0.059     | 3.084 | 0.016     | 0.013     | 0         | 51.2 | 49.5 | 62.8 | 149        | 145        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 21   | 42     | 17     | 1.64      | 0.033     | 3.084 | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 64.1 | 149        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 21   | 52     | 17     | 1.617     | 0.023     | 3.084 | 0.016     | 0.016     | 0         | 50.3 | 49.5 | 64.5 | 148        | 144        | 0          | 31     | 29     |
| 2009 | 6     | 29  | 22   | 2      | 17     | 1.565     | 0.036     | 3.084 | 0.016     | 0.013     | 0         | 50.7 | 49.5 | 64.5 | 148        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 22   | 12     | 17     | 1.604     | 0.059     | 3.084 | 0.016     | 0.013     | 0         | 50.7 | 49.5 | 64.9 | 148        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 22   | 22     | 17     | 1.617     | 0.072     | 3.084 | 0.016     | 0.016     | 0         | 50.7 | 49.9 | 64.9 | 148        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 22   | 32     | 17     | 1.608     | 0.062     | 3.087 | 0.016     | 0.013     | 0         | 50.7 | 49.5 | 64.9 | 148        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 22   | 42     | 17     | 1.608     | 0.082     | 3.084 | 0.016     | 0.013     | 0         | 51.2 | 49   | 65.4 | 149        | 144        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 22   | 52     | 17     | 1.617     | 0.069     | 3.087 | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 64.9 | 149        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 23   | 2      | 17     | 1.65      | 0.046     | 3.084 | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 64.1 | 149        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 23   | 12     | 17     | 1.631     | 0.036     | 3.087 | 0.016     | 0.016     | 0         | 50.7 | 49.5 | 62.4 | 148        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 23   | 22     | 17     | 1.627     | 0.062     | 3.084 | 0.013     | 0.01      | 0         | 50.7 | 49.5 | 64.9 | 148        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 23   | 32     | 17     | 1.647     | 0.059     | 3.087 | 0.016     | 0.016     | 0         | 50.7 | 49   | 63.2 | 148        | 144        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 23   | 42     | 17     | 1.657     | 0.013     | 3.084 | 0.016     | 0.016     | 0         | 51.2 | 49.9 | 64.1 | 149        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 23   | 52     | 17     | 1.644     | 0.052     | 3.087 | 0.01      | 0.007     | 0         | 51.2 | 49.9 | 63.2 | 149        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 0    | 2      | 17     | 1.588     | 0.052     | 3.087 | 0.016     | 0.013     | 0         | 50.7 | 49.9 | 64.9 | 149        | 145        | 0          | 31     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 30  | 0    | 12     | 17     | 1.647     | 0         | 3.087 | 0.016     | 0.013     | 0         | 50.7 | 49.5 | 62.8 | 148        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 0    | 22     | 17     | 1.604     | 0.069     | 3.087 | 0.016     | 0.013     | 0         | 51.6 | 49.9 | 64.5 | 149        | 145        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 0    | 32     | 17     | 1.627     | 0.036     | 3.084 | 0.016     | 0.013     | 0         | 51.6 | 49.9 | 63.6 | 150        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 0    | 42     | 17     | 1.617     | 0.062     | 3.087 | 0.016     | 0.013     | 0         | 51.2 | 49.5 | 64.1 | 149        | 145        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 0    | 52     | 17     | 1.637     | 0.03      | 3.087 | 0.02      | 0.016     | 0         | 51.2 | 49.9 | 63.2 | 149        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 1    | 2      | 17     | 1.588     | 0.056     | 3.087 | 0.016     | 0.016     | 0         | 51.6 | 49.9 | 63.2 | 150        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 1    | 12     | 17     | 1.624     | 0.01      | 3.084 | 0.013     | 0.01      | 0         | 51.2 | 49.9 | 63.6 | 149        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 1    | 22     | 17     | 1.591     | 0.062     | 3.087 | 0.016     | 0.016     | 0         | 51.6 | 49.9 | 64.5 | 150        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 1    | 32     | 17     | 1.581     | 0.023     | 3.087 | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 64.1 | 150        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 30  | 1    | 42     | 17     | 1.637     | 0.033     | 3.087 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 62.4 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 1    | 52     | 17     | 1.598     | 0.062     | 3.087 | 0.013     | 0.01      | 0         | 52   | 50.7 | 63.2 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 2    | 2      | 17     | 1.588     | 0.026     | 3.087 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 62.8 | 150        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 2    | 12     | 17     | 1.617     | 0.072     | 3.087 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 62.8 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 2    | 22     | 17     | 1.601     | 0.056     | 3.084 | 0.016     | 0.016     | 0         | 51.6 | 49.9 | 64.1 | 150        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 2    | 32     | 17     | 1.631     | 0.013     | 3.087 | 0.016     | 0.013     | 0         | 51.2 | 50.3 | 62.4 | 150        | 146        | 0          | 31     | 29     |
| 2009 | 6     | 30  | 2    | 42     | 17     | 1.614     | 0.066     | 3.087 | 0.016     | 0.016     | 0         | 51.6 | 50.3 | 62.8 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 2    | 52     | 17     | 1.617     | 0.069     | 3.087 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 62.8 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 3    | 2      | 17     | 1.657     | 0.03      | 3.087 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 61.9 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 3    | 12     | 17     | 1.621     | 0.01      | 3.087 | 0.013     | 0.01      | 0         | 52   | 49.9 | 62.8 | 151        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 3    | 22     | 17     | 1.644     | 0.039     | 3.087 | 0.016     | 0.013     | 0         | 52   | 50.7 | 62.8 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 3    | 32     | 17     | 1.614     | 0.046     | 3.087 | 0.016     | 0.016     | 0         | 51.6 | 49.9 | 62.8 | 150        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 3    | 42     | 17     | 1.588     | 0.128     | 3.087 | 0.016     | 0.013     | 0         | 52   | 50.7 | 62.8 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 3    | 52     | 17     | 1.647     | 0.043     | 3.087 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 62.8 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 4    | 2      | 17     | 1.64      | 0.023     | 3.087 | 0.013     | 0.01      | 0         | 51.6 | 50.3 | 63.6 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 4    | 12     | 17     | 1.644     | 0.056     | 3.087 | 0.016     | 0.016     | 0         | 51.6 | 50.3 | 61.9 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 4    | 22     | 17     | 1.555     | 0.052     | 3.087 | 0.016     | 0.013     | 0         | 52   | 50.3 | 63.2 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 4    | 32     | 17     | 1.581     | 0.085     | 3.087 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 61.9 | 151        | 147        | 0          | 31     | 29     |
| 2009 | 6     | 30  | 4    | 42     | 17     | 1.594     | 0.079     | 3.087 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 61.1 | 150        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 4    | 52     | 17     | 1.627     | 0.036     | 3.087 | 0.016     | 0.013     | 0         | 52   | 50.7 | 62.4 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 5    | 2      | 17     | 1.568     | 0.052     | 3.087 | 0.016     | 0.013     | 0         | 52.5 | 50.7 | 61.9 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 5    | 12     | 17     | 1.598     | 0.056     | 3.087 | 0.016     | 0.016     | 0         | 52.5 | 51.2 | 61.1 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 5    | 22     | 17     | 1.64      | 0.023     | 3.087 | 0.016     | 0.013     | 0         | 52.9 | 51.2 | 61.5 | 152        | 148        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 5    | 32     | 17     | 1.591     | 0.069     | 3.087 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 60.2 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 5    | 42     | 17     | 1.581     | 0.085     | 3.087 | 0.016     | 0.016     | 0         | 52.5 | 50.7 | 61.9 | 152        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 5    | 52     | 17     | 1.634     | 0.066     | 3.091 | 0.016     | 0.013     | 0         | 52   | 51.2 | 62.8 | 152        | 148        | 0          | 31     | 29     |
| 2009 | 6     | 30  | 6    | 2      | 17     | 1.637     | 0.033     | 3.091 | 0.016     | 0.013     | 0         | 52.5 | 51.2 | 60.6 | 152        | 148        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 6    | 12     | 17     | 1.614     | 0.059     | 3.091 | 0.02      | 0.016     | 0         | 52   | 50.7 | 60.6 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 6    | 22     | 17     | 1.558     | 0.072     | 3.091 | 0.016     | 0.013     | 0         | 51.6 | 50.7 | 59.8 | 151        | 147        | 0          | 31     | 29     |
| 2009 | 6     | 30  | 6    | 32     | 17     | 1.68      | 0.066     | 3.091 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 61.5 | 150        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 6    | 42     | 17     | 1.624     | 0.095     | 3.091 | 0.016     | 0.013     | 0         | 52   | 50.7 | 60.6 | 151        | 148        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 6    | 52     | 17     | 1.578     | 0.089     | 3.091 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 61.5 | 150        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 7    | 2      | 17     | 1.598     | 0.056     | 3.091 | 0.013     | 0.01      | 0         | 52   | 50.7 | 61.1 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 7    | 12     | 17     | 1.598     | 0.056     | 3.094 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 60.6 | 150        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 7    | 22     | 17     | 1.631     | 0.02      | 3.094 | 0.016     | 0.013     | 0         | 52   | 50.7 | 60.6 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 7    | 32     | 17     | 1.608     | 0.049     | 3.094 | 0.016     | 0.013     | 0         | 52   | 50.3 | 61.5 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 7    | 42     | 17     | 1.575     | 0.075     | 3.094 | 0.016     | 0.016     | 0         | 51.6 | 50.7 | 59.8 | 150        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 7    | 52     | 17     | 1.634     | 0.01      | 3.094 | 0.016     | 0.013     | 0         | 52   | 50.7 | 60.6 | 151        | 147        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 8    | 2      | 17     | 1.624     | 0.052     | 3.097 | 0.016     | 0.013     | 0         | 52   | 50.7 | 60.2 | 151        | 147        | 0          | 30     | 29     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 30  | 8    | 12     | 17     | 1.549     | 0.066     | 3.1   | 0.016     | 0.016     | 0         | 51.6 | 50.3 | 61.1 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 8    | 22     | 17     | 1.66      | 0.046     | 3.097 | 0.016     | 0.013     | 0         | 52   | 50.3 | 60.6 | 151        | 147        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 8    | 32     | 17     | 1.581     | 0.013     | 3.1   | 0.013     | 0.01      | 0         | 51.6 | 50.3 | 60.2 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 8    | 42     | 17     | 1.644     | 0.02      | 3.1   | 0.016     | 0.016     | 0         | 51.6 | 49.9 | 59.8 | 150        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 8    | 52     | 17     | 1.598     | 0.023     | 3.1   | 0.016     | 0.016     | 0         | 51.6 | 50.3 | 61.1 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 9    | 2      | 17     | 1.647     | 0.039     | 3.1   | 0.016     | 0.013     | 0         | 51.6 | 49.9 | 60.6 | 150        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 9    | 12     | 17     | 1.667     | 0.052     | 3.1   | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 61.1 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 9    | 22     | 17     | 1.64      | 0.033     | 3.104 | 0.016     | 0.013     | 0         | 51.6 | 50.3 | 61.1 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 9    | 32     | 17     | 1.601     | 0.075     | 3.104 | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 62.4 | 150        | 146        | 0          | 31     | 30     |
| 2009 | 6     | 30  | 9    | 42     | 17     | 1.637     | 0.039     | 3.104 | 0.013     | 0.01      | 0         | 51.6 | 49.9 | 61.9 | 150        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 9    | 52     | 17     | 1.578     | 0.079     | 3.104 | 0.016     | 0.013     | 0         | 51.6 | 49.9 | 63.6 | 150        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 10   | 2      | 17     | 1.575     | 0.082     | 3.104 | 0.016     | 0.016     | 0         | 51.6 | 50.3 | 61.1 | 150        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 10   | 12     | 17     | 1.614     | 0.023     | 3.104 | 0.02      | 0.016     | 0         | 51.2 | 50.7 | 61.5 | 150        | 147        | 0          | 31     | 29     |
| 2009 | 6     | 30  | 10   | 22     | 17     | 1.637     | 0.082     | 3.104 | 0.016     | 0.013     | 0         | 51.2 | 50.3 | 62.8 | 149        | 146        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 10   | 32     | 17     | 1.608     | 0.066     | 3.104 | 0.016     | 0.013     | 0         | 51.6 | 49.9 | 62.4 | 150        | 146        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 10   | 42     | 17     | 1.637     | 0.02      | 3.104 | 0.016     | 0.013     | 0         | 50.7 | 49.9 | 61.5 | 148        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 10   | 52     | 17     | 1.608     | 0.033     | 3.107 | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 62.8 | 149        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 11   | 2      | 17     | 1.594     | 0.062     | 3.107 | 0.016     | 0.013     | 0         | 50.7 | 49.9 | 62.8 | 149        | 145        | 0          | 31     | 29     |
| 2009 | 6     | 30  | 11   | 12     | 17     | 1.624     | 0.033     | 3.107 | 0.016     | 0.013     | 0         | 50.7 | 49.9 | 62.4 | 148        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 11   | 22     | 17     | 1.598     | 0.052     | 3.107 | 0.016     | 0.013     | 0         | 51.2 | 49.9 | 64.1 | 149        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 11   | 32     | 17     | 1.594     | 0.033     | 3.107 | 0.016     | 0.013     | 0         | 50.7 | 49.5 | 61.5 | 148        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 11   | 42     | 17     | 1.66      | 0.052     | 3.107 | 0.01      | 0.007     | 0         | 50.7 | 49.5 | 62.4 | 148        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 11   | 52     | 17     | 1.673     | 0.013     | 3.107 | 0.016     | 0.016     | 0         | 50.7 | 49.5 | 61.9 | 148        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 12   | 2      | 17     | 1.647     | 0.023     | 3.107 | 0.013     | 0.01      | 0         | 50.7 | 49.9 | 61.9 | 148        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 12   | 12     | 17     | 1.624     | 0.046     | 3.107 | 0.016     | 0.016     | 0         | 50.3 | 49.5 | 63.2 | 147        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 12   | 22     | 17     | 1.617     | 0.023     | 3.107 | 0.013     | 0.01      | 0         | 49.9 | 49.5 | 61.9 | 147        | 144        | 0          | 31     | 29     |
| 2009 | 6     | 30  | 12   | 32     | 17     | 1.657     | 0.03      | 3.107 | 0.016     | 0.013     | 0         | 50.7 | 49.5 | 61.9 | 148        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 12   | 42     | 17     | 1.644     | 0.049     | 3.107 | 0.016     | 0.016     | 0         | 49.9 | 49   | 63.6 | 147        | 143        | 0          | 31     | 29     |
| 2009 | 6     | 30  | 12   | 52     | 17     | 1.627     | 0.052     | 3.107 | 0.016     | 0.013     | 0         | 50.3 | 49   | 64.1 | 147        | 144        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 13   | 2      | 17     | 1.631     | 0.079     | 3.11  | 0.016     | 0.013     | 0         | 50.7 | 48.6 | 62.4 | 147        | 143        | 0          | 29     | 30     |
| 2009 | 6     | 30  | 13   | 12     | 17     | 1.64      | 0.052     | 3.11  | 0.016     | 0.016     | 0         | 50.3 | 48.6 | 63.2 | 147        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 13   | 22     | 17     | 1.614     | 0.046     | 3.11  | 0.016     | 0.013     | 0         | 49.9 | 49   | 64.1 | 146        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 13   | 32     | 17     | 1.627     | 0.069     | 3.11  | 0.016     | 0.016     | 0         | 49.9 | 48.6 | 62.8 | 146        | 142        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 13   | 42     | 17     | 1.565     | 0.059     | 3.11  | 0.016     | 0.016     | 0         | 49.9 | 48.6 | 63.2 | 146        | 142        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 13   | 52     | 17     | 1.634     | 0.049     | 3.11  | 0.016     | 0.016     | 0         | 49.9 | 48.6 | 62.8 | 146        | 142        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 14   | 2      | 17     | 1.631     | 0.02      | 3.11  | 0.016     | 0.013     | 0         | 49.9 | 48.6 | 63.2 | 146        | 142        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 14   | 12     | 17     | 1.608     | 0.049     | 3.11  | 0.016     | 0.013     | 0         | 50.3 | 48.6 | 63.6 | 146        | 142        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 14   | 22     | 17     | 1.581     | 0.056     | 3.11  | 0.016     | 0.016     | 0         | 49.9 | 48.2 | 62.4 | 146        | 142        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 14   | 32     | 17     | 1.644     | 0.056     | 3.11  | 0.016     | 0.016     | 0         | 49.9 | 48.6 | 62.4 | 146        | 142        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 14   | 42     | 17     | 1.667     | 0.007     | 3.11  | 0.016     | 0.013     | 0         | 49.9 | 48.6 | 62.4 | 146        | 142        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 14   | 52     | 17     | 1.644     | 0.046     | 3.11  | 0.016     | 0.013     | 0         | 49.9 | 49   | 64.1 | 146        | 142        | 0          | 30     | 28     |
| 2009 | 6     | 30  | 15   | 2      | 17     | 1.627     | 0.062     | 3.11  | 0.013     | 0.01      | 0         | 49   | 48.2 | 63.2 | 145        | 142        | 0          | 31     | 30     |
| 2009 | 6     | 30  | 15   | 12     | 17     | 1.621     | 0.033     | 3.11  | 0.016     | 0.013     | 0         | 49.5 | 48.2 | 63.6 | 145        | 141        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 15   | 22     | 17     | 1.594     | 0.089     | 3.11  | 0.016     | 0.013     | 0         | 49.5 | 47.7 | 64.1 | 145        | 141        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 15   | 32     | 17     | 1.588     | 0.03      | 3.11  | 0.016     | 0.013     | 0         | 49.5 | 48.2 | 63.2 | 145        | 141        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 15   | 42     | 17     | 1.634     | 0.02      | 3.114 | 0.013     | 0.01      | 0         | 49.5 | 47.7 | 64.1 | 145        | 141        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 15   | 52     | 17     | 1.598     | 0.069     | 3.114 | 0.013     | 0.01      | 0         | 49.5 | 48.2 | 63.2 | 145        | 141        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 16   | 2      | 17     | 1.631     | 0.023     | 3.114 | 0.016     | 0.013     | 0         | 49.5 | 48.2 | 63.6 | 145        | 141        | 0          | 30     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 30  | 16   | 12     | 17     | 1.637     | 0.069     | 3.114 | 0.016     | 0.013     | 0         | 49.5 | 48.6 | 63.6 | 145        | 141        | 0          | 30     | 28     |
| 2009 | 6     | 30  | 16   | 22     | 17     | 1.65      | 0.049     | 3.114 | 0.016     | 0.013     | 0         | 49.5 | 48.2 | 64.9 | 145        | 141        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 16   | 32     | 17     | 1.657     | 0.056     | 3.114 | 0.016     | 0.016     | 0         | 49.5 | 48.2 | 64.1 | 145        | 141        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 16   | 42     | 17     | 1.578     | 0.049     | 3.114 | 0.013     | 0.01      | 0         | 49.5 | 48.2 | 65.4 | 145        | 141        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 16   | 52     | 17     | 1.611     | 0.016     | 3.114 | 0.016     | 0.013     | 0         | 49   | 47.7 | 64.1 | 145        | 141        | 0          | 31     | 30     |
| 2009 | 6     | 30  | 17   | 2      | 17     | 1.575     | 0.036     | 3.114 | 0.016     | 0.013     | 0         | 49.5 | 48.2 | 64.5 | 145        | 141        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 17   | 12     | 17     | 1.647     | 0.033     | 3.114 | 0.016     | 0.013     | 0         | 49.5 | 48.2 | 63.2 | 145        | 141        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 17   | 22     | 17     | 1.621     | -0.003    | 3.117 | 0.016     | 0.013     | 0         | 49   | 47.7 | 64.1 | 145        | 141        | 0          | 31     | 30     |
| 2009 | 6     | 30  | 17   | 32     | 17     | 1.598     | 0.046     | 3.117 | 0.016     | 0.013     | 0         | 49.5 | 48.2 | 64.5 | 145        | 141        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 17   | 42     | 17     | 1.601     | 0.089     | 3.117 | 0.01      | 0.007     | 0         | 49.5 | 48.2 | 64.9 | 145        | 141        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 17   | 52     | 17     | 1.65      | 0.033     | 3.117 | 0.016     | 0.013     | 0         | 49.5 | 48.6 | 63.2 | 145        | 141        | 0          | 30     | 28     |
| 2009 | 6     | 30  | 18   | 2      | 17     | 1.614     | 0.036     | 3.117 | 0.016     | 0.013     | 0         | 49   | 47.7 | 63.2 | 145        | 141        | 0          | 31     | 30     |
| 2009 | 6     | 30  | 18   | 12     | 17     | 1.644     | 0.046     | 3.117 | 0.016     | 0.013     | 0         | 49.5 | 48.2 | 64.1 | 145        | 141        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 18   | 22     | 17     | 1.637     | 0.056     | 3.117 | 0.013     | 0.01      | 0         | 49.5 | 47.7 | 64.9 | 145        | 141        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 18   | 32     | 17     | 1.631     | 0.013     | 3.117 | 0.016     | 0.013     | 0         | 49.5 | 48.2 | 64.5 | 145        | 141        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 18   | 42     | 17     | 1.604     | 0.056     | 3.117 | 0.016     | 0.013     | 0         | 49.5 | 48.2 | 64.5 | 145        | 141        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 18   | 52     | 17     | 1.614     | 0         | 3.12  | 0.016     | 0.013     | 0         | 49.5 | 48.2 | 65.8 | 145        | 141        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 19   | 2      | 17     | 1.601     | 0.092     | 3.12  | 0.016     | 0.016     | 0         | 49.5 | 48.2 | 63.6 | 145        | 141        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 19   | 12     | 17     | 1.637     | 0.007     | 3.12  | 0.016     | 0.013     | 0         | 49.5 | 48.2 | 65.4 | 145        | 141        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 19   | 22     | 17     | 1.654     | 0.052     | 3.12  | 0.013     | 0.01      | 0         | 49.5 | 48.2 | 64.9 | 145        | 141        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 19   | 32     | 17     | 1.601     | 0.102     | 3.12  | 0.016     | 0.013     | 0         | 49.9 | 48.6 | 64.1 | 146        | 142        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 19   | 42     | 17     | 1.621     | 0.023     | 3.12  | 0.016     | 0.016     | 0         | 49.9 | 48.6 | 64.9 | 146        | 142        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 19   | 52     | 17     | 1.627     | 0.052     | 3.12  | 0.016     | 0.013     | 0         | 49.9 | 48.6 | 65.4 | 146        | 142        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 20   | 2      | 17     | 1.627     | 0.072     | 3.12  | 0.016     | 0.013     | 0         | 50.3 | 49   | 65.8 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 20   | 12     | 17     | 1.634     | 0.026     | 3.12  | 0.016     | 0.016     | 0         | 50.3 | 49   | 64.5 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 20   | 22     | 17     | 1.667     | 0.039     | 3.12  | 0.016     | 0.013     | 0         | 49.9 | 48.6 | 63.2 | 146        | 142        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 20   | 32     | 17     | 1.686     | 0.052     | 3.12  | 0.016     | 0.013     | 0         | 49.9 | 49   | 64.1 | 146        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 20   | 42     | 17     | 1.555     | 0.043     | 3.123 | 0.013     | 0.01      | 0         | 50.3 | 49   | 65.8 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 20   | 52     | 17     | 1.654     | 0.016     | 3.12  | 0.016     | 0.013     | 0         | 50.3 | 49   | 64.5 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 21   | 2      | 17     | 1.601     | 0.075     | 3.12  | 0.013     | 0.01      | 0         | 50.3 | 49   | 63.6 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 21   | 12     | 17     | 1.657     | -0.003    | 3.123 | 0.016     | 0.016     | 0         | 50.3 | 49   | 64.1 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 21   | 22     | 17     | 1.611     | 0.075     | 3.123 | 0.016     | 0.016     | 0         | 50.3 | 49   | 64.9 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 21   | 32     | 17     | 1.624     | 0.026     | 3.123 | 0.016     | 0.013     | 0         | 50.3 | 49   | 64.9 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 21   | 42     | 17     | 1.64      | 0.033     | 3.123 | 0.016     | 0.013     | 0         | 49.9 | 48.6 | 63.2 | 146        | 142        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 21   | 52     | 17     | 1.617     | 0.039     | 3.123 | 0.013     | 0.01      | 0         | 50.7 | 48.6 | 64.1 | 148        | 143        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 22   | 2      | 17     | 1.578     | 0.043     | 3.123 | 0.013     | 0.01      | 0         | 51.2 | 49.5 | 64.5 | 148        | 144        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 22   | 12     | 17     | 1.69      | 0.043     | 3.123 | 0.013     | 0.01      | 0         | 50.3 | 49   | 64.9 | 147        | 143        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 22   | 22     | 17     | 1.588     | 0.059     | 3.123 | 0.013     | 0.01      | 0         | 51.2 | 49.5 | 65.4 | 148        | 144        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 22   | 32     | 17     | 1.591     | 0.079     | 3.123 | 0.013     | 0.01      | 0         | 50.7 | 49   | 66.2 | 148        | 144        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 22   | 42     | 17     | 1.617     | 0.125     | 3.123 | 0.016     | 0.016     | 0         | 50.7 | 49.9 | 65.8 | 148        | 145        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 22   | 52     | 17     | 1.624     | 0.072     | 3.123 | 0.013     | 0.01      | 0         | 50.7 | 49.5 | 65.8 | 148        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 23   | 2      | 17     | 1.637     | 0.046     | 3.123 | 0.016     | 0.016     | 0         | 50.3 | 49.5 | 63.6 | 148        | 144        | 0          | 31     | 29     |
| 2009 | 6     | 30  | 23   | 12     | 17     | 1.637     | 0.059     | 3.123 | 0.016     | 0.016     | 0         | 50.7 | 49.5 | 63.6 | 148        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 23   | 22     | 17     | 1.617     | 0.023     | 3.123 | 0.016     | 0.016     | 0         | 50.7 | 49.5 | 64.5 | 148        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 23   | 32     | 17     | 1.598     | 0.046     | 3.123 | 0.016     | 0.013     | 0         | 51.2 | 49.5 | 64.1 | 149        | 144        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 23   | 42     | 17     | 1.627     | 0.082     | 3.123 | 0.016     | 0.016     | 0         | 50.7 | 49   | 63.6 | 148        | 144        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 23   | 52     | 17     | 1.565     | 0.085     | 3.123 | 0.016     | 0.013     | 0         | 50.7 | 49.5 | 64.5 | 148        | 144        | 0          | 30     | 29     |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 1   | 0    | 8      | 54     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 0    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 0    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 0    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 0    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 0    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 1    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 1    | 18     | 54     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 1    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 1    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 1    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 1    | 58     | 54     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 58     | 54     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 4    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 4    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 4    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 4    | 38     | 54     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 4    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 4    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 5    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 5    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 5    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 5    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 5    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 5    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 6    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 6    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 6    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 6    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 6    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 6    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 7    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 7    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 7    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 7    | 38     | 54     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 7    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 7    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 1   | 8    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 8    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 8    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 8    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 8    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 8    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 9    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 9    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 9    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 9    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 9    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 9    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 10   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 10   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 10   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 10   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 10   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 10   | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 11   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 11   | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 11   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 11   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 11   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 11   | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 12   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 12   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 12   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 12   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 12   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 12   | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 13   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 13   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 13   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 13   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 13   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 13   | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 14   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 14   | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 14   | 28     | 54     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 14   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 14   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 14   | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 15   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 15   | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 15   | 28     | 54     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 15   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 15   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 15   | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 1   | 16   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 16   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 16   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 16   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 16   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 16   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 17   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 17   | 18     | 54     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 17   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 17   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 17   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 17   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 18   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 18   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 18   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 18   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 18   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 18   | 58     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 19   | 8      | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 19   | 18     | 54     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 19   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 19   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 19   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 19   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 20   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 20   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 20   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 20   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 20   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 20   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 21   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 21   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 21   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 21   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 21   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 21   | 58     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 22   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 22   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 22   | 28     | 54     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 22   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 22   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 22   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 23   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 23   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 23   | 28     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 23   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 23   | 48     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 23   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 2   | 0    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 0    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 0    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 0    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 0    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 0    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 1    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 1    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 1    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 1    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 1    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 1    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 2    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 2    | 18     | 54     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 2    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 2    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 2    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 2    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 3    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 3    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 3    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 3    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 3    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 3    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 4    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 4    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 4    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 4    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 4    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 4    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 5    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 5    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 5    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 5    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 5    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 5    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 6    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 6    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 6    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 6    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 6    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 6    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 7    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 7    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 7    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 7    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 7    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 7    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 2   | 8    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 8    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 8    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 8    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12      |
| 2009 | 6     | 2   | 8    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12      |
| 2009 | 6     | 2   | 8    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 9    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 9    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 9    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 9    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 9    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 9    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 10   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 10   | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 10   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 10   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 10   | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 10   | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 11   | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 11   | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 11   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 11   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 11   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 11   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 12   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 12   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 12   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 12   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 12   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 12   | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 13   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 13   | 18     | 54     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 13   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 13   | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 13   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 13   | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 14   | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 14   | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 14   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 14   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 14   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 14   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 15   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 15   | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 15   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 15   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 15   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 15   | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 2   | 16   | 8      | 54     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 16   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 16   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 16   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 16   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 16   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 17   | 8      | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 17   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 17   | 28     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 17   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 2   | 17   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 17   | 58     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 18   | 8      | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 18   | 18     | 54     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 18   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 18   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 18   | 48     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 18   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 19   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 19   | 18     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 19   | 28     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 19   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 19   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 19   | 58     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 20   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 20   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 20   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 20   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 20   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 20   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 21   | 8      | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 21   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 21   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 21   | 38     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 21   | 48     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 21   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 22   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 22   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 22   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 22   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 22   | 48     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 22   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 23   | 8      | 54     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 23   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 23   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 23   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 23   | 48     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 23   | 58     | 54     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 11.8    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 3   | 0    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 0    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 0    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 0    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 0    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 0    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 1    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 1    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 1    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 1    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 1    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 1    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 2    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 2    | 18     | 54     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 2    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 2    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 2    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 2    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 3    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 3    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 3    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 3    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 3    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 3    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 4    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 4    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 4    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 4    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 4    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 4    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 5    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 5    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 5    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 5    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 5    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 5    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 6    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 6    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 6    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 6    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 6    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 6    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 7    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 7    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 7    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 7    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 7    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 7    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 3   | 8    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 8    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 8    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 8    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 8    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 8    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 9    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 9    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 9    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 9    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 9    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 9    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 10   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 10   | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 10   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 10   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 10   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 10   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 11   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 11   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 11   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 11   | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 11   | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 11   | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 12   | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 12   | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 12   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 12   | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12      |
| 2009 | 6     | 3   | 12   | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 12   | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 13   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 13   | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 13   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 13   | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 13   | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 13   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 14   | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 14   | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 14   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 14   | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 14   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 14   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 15   | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 15   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 15   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 15   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 15   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 15   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 3   | 16   | 8      | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 16   | 18     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 16   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 16   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 16   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 16   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 17   | 8      | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 17   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 17   | 28     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 17   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 17   | 48     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 17   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 18   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 18   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 18   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 18   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 18   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 18   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 19   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 19   | 18     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 19   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 19   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 19   | 48     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 19   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 20   | 8      | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 20   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 20   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 20   | 38     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 20   | 48     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 20   | 58     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 21   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 21   | 18     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 21   | 28     | 54     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 21   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 21   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 21   | 58     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 22   | 8      | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 22   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 22   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 22   | 38     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 22   | 48     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 22   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 23   | 8      | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 23   | 18     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 23   | 28     | 54     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 23   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 23   | 48     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 23   | 58     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 4   | 0    | 8      | 54     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 0    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 0    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 0    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 0    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 0    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 1    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 1    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 1    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 1    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 1    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 1    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 38     | 54     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 48     | 54     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.41       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 58     | 54     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61          | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 28     | 54     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 18     | 54     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 48     | 54     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 58     | 54     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 7    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 7    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 7    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 7    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 7    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 7    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.01       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 4   | 8    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 8    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 8    | 28     | 54     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 8    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 8    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 8    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.94       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 9    | 8      | 54     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.92       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 9    | 18     | 54     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.92       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 9    | 28     | 54     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.92       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 9    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 9    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 9    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 10   | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 10   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 10   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 10   | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 10   | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 10   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 11   | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 11   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 11   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 11   | 38     | 54     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 11   | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 11   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 12   | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 12   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 12   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 12   | 38     | 54     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 12   | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 12   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 13   | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 13   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 13   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 13   | 38     | 54     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 13   | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 13   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 14   | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 14   | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 14   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 14   | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 14   | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 14   | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 15   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 15   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 15   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 15   | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 15   | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 15   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 4   | 16   | 8      | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 16   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 16   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 16   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 16   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 16   | 58     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 17   | 8      | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.19       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 17   | 18     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 17   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 17   | 38     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 17   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 17   | 58     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 18   | 8      | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 18   | 18     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 18   | 28     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 18   | 38     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 18   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 18   | 58     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 19   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 19   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 19   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 19   | 38     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 19   | 48     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 19   | 58     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 20   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 20   | 18     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 20   | 28     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 20   | 38     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 20   | 48     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 20   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 21   | 8      | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 21   | 18     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 21   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 21   | 38     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 21   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 21   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 22   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 22   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 22   | 28     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 22   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 22   | 48     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 22   | 58     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 23   | 8      | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 23   | 18     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 23   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 23   | 38     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 23   | 48     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 23   | 58     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 5   | 0    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 0    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 0    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 0    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 0    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 0    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 1    | 8      | 54     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 1    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 1    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 1    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 1    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 1    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 2    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 2    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 2    | 28     | 54     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 2    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 2    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 2    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 3    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 3    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 3    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 3    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 3    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 3    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 4    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 4    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 4    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 4    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 4    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 4    | 58     | 54     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 5    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 5    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 5    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 5    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 5    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 5    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 6    | 8      | 54     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 6    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 6    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 6    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 6    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 6    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 7    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 7    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 7    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 7    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 7    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 7    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.6        | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 5   | 8    | 8      | 54     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 8    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 8    | 28     | 54     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 8    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 8    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 8    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 9    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 9    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 9    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 9    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 9    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.26       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 9    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.26       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 10   | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.26       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 10   | 18     | 54     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.26       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 10   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.26       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 10   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 10   | 48     | 54     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 10   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 11   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 11   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 11   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 11   | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 11   | 48     | 54     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 11   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 12   | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 12   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 12   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 12   | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 12   | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 12   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 13   | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 13   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 13   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 13   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 13   | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 13   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 14   | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 14   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 14   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.79       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 14   | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.84       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 14   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 14   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 15   | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 15   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 15   | 28     | 54     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 15   | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 15   | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 15   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 12      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 5   | 16   | 8      | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 16   | 18     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 16   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 16   | 38     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 16   | 48     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 16   | 58     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 17   | 8      | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 17   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 17   | 28     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 17   | 38     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 17   | 48     | 54     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 17   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 18   | 8      | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 12      |
| 2009 | 6     | 5   | 18   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 18   | 28     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 18   | 38     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 18   | 48     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 18   | 58     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 19   | 8      | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 19   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 19   | 28     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 19   | 38     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 19   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 19   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 20   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 20   | 18     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 20   | 28     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 20   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 20   | 48     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 20   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 21   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 21   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 21   | 28     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 21   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 21   | 48     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 21   | 58     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 22   | 8      | 54     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 22   | 18     | 54     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 22   | 28     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 22   | 38     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 22   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 22   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 23   | 8      | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 23   | 18     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 23   | 28     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 23   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 23   | 48     | 54     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 23   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 6   | 0    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 0    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 0    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 0    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 0    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 0    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 1    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 1    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 1    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 1    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 1    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 1    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 2    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 2    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 2    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 2    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 2    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 2    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 3    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 3    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 3    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 3    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 3    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 3    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 4    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 4    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 4    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 4    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 4    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 4    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 5    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 5    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 5    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 5    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 5    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 5    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 6    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 6    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 6    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 6    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 6    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 6    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 7    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 7    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 7    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 7    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 7    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 7    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.43       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 6   | 8    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 8    | 18     | 54     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 8    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 8    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 8    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 8    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 9    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 9    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 9    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 9    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 9    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61          | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 9    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 10   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.94       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 10   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.93       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 10   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.91       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 10   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 10   | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 10   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 11   | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 11   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 11   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 11   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 11   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 11   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 12   | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 12   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 12   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 12   | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 12   | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 12   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 13   | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 13   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 13   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 13   | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 13   | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 13   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 14   | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 14   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 14   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 14   | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 14   | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 14   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 15   | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 15   | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 15   | 28     | 54     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 15   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 15   | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 15   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 6   | 16   | 8      | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 16   | 18     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 16   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 16   | 38     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 16   | 48     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 12      |
| 2009 | 6     | 6   | 16   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 17   | 8      | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 17   | 18     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 17   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 17   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 17   | 48     | 54     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 17   | 58     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 18   | 8      | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 18   | 18     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 18   | 28     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 18   | 38     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 18   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 18   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 19   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 19   | 18     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 19   | 28     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 19   | 38     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 19   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 19   | 58     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 20   | 8      | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 20   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 20   | 28     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 20   | 38     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 20   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 20   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 21   | 8      | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 21   | 18     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 21   | 28     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 21   | 38     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 21   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 21   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 22   | 8      | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 22   | 18     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 22   | 28     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 22   | 38     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 22   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 22   | 58     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 23   | 8      | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 23   | 18     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 23   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 23   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 23   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 23   | 58     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 7   | 0    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 0    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 0    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 0    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 0    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 0    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 1    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 1    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 1    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 1    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 1    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 1    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 2    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 2    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 2    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 2    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 2    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 2    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 3    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 3    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 3    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 3    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 3    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 3    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 4    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 4    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 4    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 4    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 4    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 4    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 5    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 5    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 5    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 5    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 5    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 5    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 6    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 6    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 6    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 6    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 6    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 6    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 7    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 7    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 7    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 7    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 7    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 7    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 7   | 8    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 8    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 8    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 8    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 8    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 8    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 9    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 9    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 9    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.97       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 9    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.97       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 9    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 9    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 10   | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 10   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 10   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 10   | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 10   | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 10   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 11   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 11   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 11   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 11   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 11   | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 11   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 12   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 12   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 12   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 12   | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 12   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 12   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 13   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 13   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 13   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 13   | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 13   | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 13   | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 14   | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 14   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 14   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 14   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 14   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 14   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 15   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 15   | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 15   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 15   | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 15   | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 15   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 7   | 16   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 16   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 16   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 16   | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 16   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 16   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 17   | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12      |
| 2009 | 6     | 7   | 17   | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 17   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 17   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 17   | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 17   | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12      |
| 2009 | 6     | 7   | 18   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 18   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 18   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 18   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 18   | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 18   | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 19   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 19   | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 19   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 19   | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 19   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 19   | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 20   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 20   | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 20   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 20   | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 20   | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 20   | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 21   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 21   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 21   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 21   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 21   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 21   | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 22   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 22   | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 22   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 22   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 22   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 22   | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 23   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 23   | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 23   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 23   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 23   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 23   | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 8   | 0    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 0    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 0    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 0    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 0    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 0    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 1    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 1    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 1    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 1    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 1    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 1    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 2    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 2    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 2    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 2    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 2    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 2    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 3    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 3    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 3    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 3    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 3    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 3    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 4    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 4    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 4    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 4    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 4    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 4    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 5    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 5    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 5    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 5    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 5    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 5    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 6    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 6    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 6    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 6    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 6    | 48     | 54     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 6    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 7    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 7    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 7    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 7    | 38     | 54     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 7    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 7    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11.8    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 8   | 8    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 8    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 8    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 8    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 8    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 8    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 9    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 9    | 18     | 54     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 9    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 9    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 9    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 9    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 10   | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 10   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 10   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 10   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 10   | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 10   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 11   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 11   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 11   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 11   | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 11   | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 11   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 12   | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 12   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 12   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 12   | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 12   | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 12   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 13   | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 13   | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 13   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 13   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 13   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 13   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 14   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 14   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 14   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 14   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 14   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 14   | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 15   | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 15   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 15   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 15   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 15   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 15   | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 8   | 16   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 16   | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 16   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 16   | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 16   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 16   | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 17   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 17   | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 17   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 17   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12      |
| 2009 | 6     | 8   | 17   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 17   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 18   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 18   | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 18   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 18   | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 18   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 18   | 58     | 54     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 19   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 19   | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 19   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 19   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 19   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 19   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 20   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 20   | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 20   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 20   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 20   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 20   | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 21   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 21   | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 21   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 21   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 21   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 21   | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 22   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 22   | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 22   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 22   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 22   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 22   | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 23   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 23   | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 23   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 23   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 23   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 23   | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 9   | 0    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 0    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 0    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 0    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 0    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 0    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 1    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 1    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 1    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 1    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 1    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 1    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 2    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 2    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 2    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 2    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 2    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 2    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 3    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 3    | 18     | 54     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 3    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 3    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 3    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 3    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 4    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 4    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 4    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 4    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 4    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 4    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 5    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 5    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 5    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 5    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 5    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 5    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 6    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 6    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 6    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 6    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 6    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 6    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 7    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 7    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 7    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 7    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 7    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 7    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 9   | 8    | 8      | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 8    | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 8    | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 8    | 38     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 8    | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 8    | 58     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 9    | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 9    | 18     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 9    | 28     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 9    | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 9    | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12      |
| 2009 | 6     | 9   | 9    | 58     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12      |
| 2009 | 6     | 9   | 10   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 10   | 18     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 10   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 10   | 38     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 10   | 48     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 10   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 11   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 11   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 11   | 28     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 11   | 38     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 11   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 11   | 58     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 12   | 8      | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 12   | 18     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 12   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 12   | 38     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 12   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 12   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 13   | 8      | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 13   | 18     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 13   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 13   | 38     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 13   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 13   | 58     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 14   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 14   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 14   | 28     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 14   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 14   | 48     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 14   | 58     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 15   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 15   | 18     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 15   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 15   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 15   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 15   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 9   | 16   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 16   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12      |
| 2009 | 6     | 9   | 16   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 16   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 16   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 16   | 58     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 17   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 17   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 17   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 17   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 17   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 17   | 58     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 18   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 18   | 18     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 18   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 18   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 18   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 18   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 19   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 19   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 19   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 19   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 19   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 19   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 20   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 20   | 18     | 54     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 20   | 28     | 54     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 20   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 20   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 20   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 21   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 21   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 21   | 28     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 21   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 21   | 48     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 21   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 22   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 22   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 22   | 28     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 22   | 38     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 22   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 22   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 23   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 23   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 23   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 23   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 23   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 23   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 10  | 0    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 0    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 0    | 28     | 54     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 0    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 0    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 0    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 1    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 1    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 1    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 1    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 1    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 1    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 2    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 2    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 2    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 2    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 2    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 2    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 3    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 3    | 18     | 54     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 3    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 3    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 3    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 3    | 58     | 54     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 4    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 4    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 4    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 4    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 4    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 4    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 5    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 5    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 5    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 5    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 5    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 5    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 6    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 6    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 6    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 6    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 6    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 6    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 7    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 7    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 7    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 7    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 7    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 7    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 10  | 8    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 8    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 8    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 8    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 8    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 8    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 9    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 9    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 9    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 9    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 9    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 9    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 10   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 10   | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 10   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 10   | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 10   | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 10   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 11   | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 11   | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 11   | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 11   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 11   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 11   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 12   | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 12   | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 12   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 12   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 12   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 12   | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 13   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 13   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 13   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 13   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 13   | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 13   | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 14   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 14   | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12      |
| 2009 | 6     | 10  | 14   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 14   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 14   | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 14   | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 15   | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 15   | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 15   | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 15   | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 15   | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 15   | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 10  | 16   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 16   | 18     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 16   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 16   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 16   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 16   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 17   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 17   | 18     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 17   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 17   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 17   | 48     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 17   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 18   | 8      | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 18   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 18   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 18   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 18   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 18   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 19   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 19   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 19   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 19   | 38     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 19   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 19   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 20   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 20   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 20   | 28     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 20   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 20   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 20   | 58     | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 21   | 8      | 54     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 21   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 21   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 21   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 21   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 21   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 22   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 22   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 22   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 22   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 22   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 22   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 23   | 8      | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 23   | 18     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 23   | 28     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 23   | 38     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 23   | 48     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 23   | 58     | 54     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 11.6    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 11  | 0    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 0    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 0    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 0    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 0    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 0    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 1    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 1    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 1    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 1    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 1    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 1    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 2    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 2    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 2    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 2    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 2    | 48     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 2    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 3    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 3    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 3    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 3    | 38     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 3    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 3    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 4    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 4    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 4    | 28     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 4    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 4    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 4    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 5    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 5    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 5    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 5    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 5    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 5    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 6    | 8      | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 6    | 18     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 6    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 6    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 6    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 6    | 58     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 7    | 8      | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 7    | 18     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 7    | 28     | 54     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 7    | 38     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 7    | 48     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 7    | 58     | 54     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 11  | 8    | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 8    | 22     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 8    | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 8    | 42     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 8    | 52     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 9    | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 9    | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 9    | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 9    | 32     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 9    | 42     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 9    | 52     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 10   | 2      | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 10   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 10   | 22     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 10   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 10   | 42     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 10   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 11   | 2      | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 11   | 12     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 11   | 22     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 11   | 32     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 11   | 42     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 11   | 52     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 12   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 12   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 12   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 12   | 32     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 12   | 42     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 12   | 52     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 13   | 2      | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 13   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 13   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 13   | 32     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 13   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 13   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 14   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 14   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 14   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 14   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 14   | 42     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 14   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 15   | 2      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 15   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 15   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 15   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 15   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 15   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 16   | 2      | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 11  | 16   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 16   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 16   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 16   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 16   | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 17   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 17   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 12      |
| 2009 | 6     | 11  | 17   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 17   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 11  | 17   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 17   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 18   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 18   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12      |
| 2009 | 6     | 11  | 18   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 18   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 18   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 18   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 19   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 19   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 19   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 19   | 32     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 19   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 19   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 20   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 20   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 20   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 20   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 20   | 42     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 20   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 21   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 21   | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 21   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 21   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 21   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 21   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 22   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 22   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 22   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 22   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 22   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 22   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 23   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 23   | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 23   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 23   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 23   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 23   | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 0    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 12  | 0    | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 0    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 0    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 0    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 0    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 1    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 1    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 1    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 1    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 1    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 1    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 2    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 2    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 2    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 2    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 2    | 42     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 2    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 3    | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 3    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 3    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 3    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 3    | 42     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 3    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 4    | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 4    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 4    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 4    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 4    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 4    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 5    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 5    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 5    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 5    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 5    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 5    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 6    | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 6    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 6    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 6    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 6    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 6    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 7    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 7    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 7    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 7    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 7    | 42     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 7    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 8    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 12  | 8    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 8    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 8    | 32     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 8    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 8    | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 9    | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 9    | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 9    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 9    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 9    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 9    | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 10   | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 10   | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 10   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 10   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 10   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 10   | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 11   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 11   | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 11   | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 11   | 32     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 11   | 42     | 17     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 11   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 12   | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 12   | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 12   | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 12   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 12   | 42     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 12   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 13   | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 13   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 13   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 13   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 13   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 13   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 14   | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 14   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 14   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 14   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 14   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 14   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 15   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 15   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 15   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 15   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 15   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 15   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 16   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 12  | 16   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 16   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12      |
| 2009 | 6     | 12  | 16   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 16   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 16   | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 17   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 17   | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 17   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 17   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 12  | 17   | 42     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 17   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 18   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 18   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 18   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 18   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 18   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 18   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 19   | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 19   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 19   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 19   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 19   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 19   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 20   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 20   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 20   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 20   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 20   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 20   | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 21   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 21   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 21   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 21   | 32     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 21   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 21   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 22   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 22   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 22   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 22   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 22   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 22   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 23   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 23   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 23   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 23   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 23   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 23   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 0    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 13  | 0    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 0    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 0    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 0    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 0    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 1    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 1    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 1    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 1    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 1    | 42     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 1    | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 2    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 2    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 2    | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 2    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 2    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 2    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 3    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 3    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 3    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 3    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 3    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 3    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 4    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 4    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 4    | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 4    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 4    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 4    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 5    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 5    | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 5    | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 5    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 5    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 5    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 6    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 6    | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 6    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 6    | 32     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 6    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 6    | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 7    | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 7    | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 7    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 7    | 32     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 7    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 7    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 8    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 13  | 8    | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 8    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 8    | 32     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 8    | 42     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 8    | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 9    | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 9    | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 9    | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 9    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 9    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 9    | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 10   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 10   | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 10   | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 10   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 10   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 10   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 11   | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 11   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 11   | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 11   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 11   | 42     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12      |
| 2009 | 6     | 13  | 11   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 12   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 12   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 12   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 12   | 32     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 12   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 12   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 13   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 13   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 13   | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 13   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 13   | 42     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12      |
| 2009 | 6     | 13  | 13   | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 14   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 14   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 14   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 14   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 14   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 14   | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 15   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 15   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 15   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 15   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 15   | 42     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 15   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 16   | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 13  | 16   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 16   | 22     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 16   | 32     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 16   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 16   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 17   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 17   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 17   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 17   | 32     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 17   | 42     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 13  | 17   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 18   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 18   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 18   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 18   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 18   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 18   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 19   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 19   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 19   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 19   | 32     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 19   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 19   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 20   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 20   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 20   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 20   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 20   | 42     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 20   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 21   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 21   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 21   | 22     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 21   | 32     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 21   | 42     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 21   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 22   | 2      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 22   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 22   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 22   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 22   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 22   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 23   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 23   | 12     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 23   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 23   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 23   | 42     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 23   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 0    | 2      | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 14  | 0    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 0    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 0    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 0    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 0    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 1    | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 1    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 1    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 1    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 1    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 1    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 2    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 2    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 2    | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 2    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 2    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 2    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 3    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 3    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 3    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 3    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 3    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 3    | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 4    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 4    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 4    | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 4    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 4    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 4    | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 5    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 5    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 5    | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 5    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 5    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 5    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 6    | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 6    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 6    | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 6    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 6    | 42     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 6    | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 7    | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 7    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 7    | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 7    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 7    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 7    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 8    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 14  | 8    | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 8    | 22     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 8    | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 8    | 42     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 8    | 52     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 9    | 2      | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 9    | 12     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12      |
| 2009 | 6     | 14  | 9    | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 9    | 32     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 9    | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 9    | 52     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 10   | 2      | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 10   | 12     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 10   | 22     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 10   | 32     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 10   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 10   | 52     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 11   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 11   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 11   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 11   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 11   | 42     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 11   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 12   | 2      | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 12   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 12   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 12   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 12   | 42     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 12   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 13   | 2      | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 13   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 13   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 13   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 13   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 13   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 14   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 14   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 14   | 22     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 14   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 14   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 14   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 15   | 2      | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 15   | 12     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 15   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 15   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 15   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 15   | 52     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 16   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 14  | 16   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 16   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 16   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 14  | 16   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 16   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 17   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 17   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 17   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 17   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 17   | 42     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 17   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12      |
| 2009 | 6     | 14  | 18   | 2      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 18   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 18   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 18   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 18   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 18   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 19   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 19   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 19   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 19   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 19   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 19   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 20   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 20   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 20   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 20   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 20   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 20   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 21   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 21   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 21   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 21   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 21   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 21   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 22   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 22   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 22   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 22   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 22   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 22   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 23   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 23   | 12     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 23   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 23   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 23   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 23   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 0    | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 15  | 0    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 0    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 0    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 0    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 0    | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 1    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 1    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 1    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 1    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 1    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 1    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 2    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 2    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 2    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 2    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 2    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 2    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 3    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 3    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 3    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 3    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 3    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 3    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 4    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 4    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 4    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 4    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 4    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 4    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 5    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 5    | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 5    | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 5    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 5    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 5    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 6    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 6    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 6    | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 6    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 6    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 6    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 7    | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 7    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 7    | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 7    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 7    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 7    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 8    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 15  | 8    | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 8    | 22     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 8    | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 8    | 42     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 8    | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 9    | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 9    | 12     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 9    | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 9    | 32     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 9    | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 9    | 52     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 10   | 2      | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 10   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 10   | 22     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 10   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 10   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 10   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 11   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 11   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 11   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 11   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 11   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 11   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 12   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 12   | 12     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12      |
| 2009 | 6     | 15  | 12   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 12   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 12   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 12   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 13   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 13   | 12     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 13   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 13   | 32     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 13   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 13   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 14   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 14   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 14   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 14   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 14   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 14   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 15   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 15   | 12     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 15   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 15   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 15   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 15   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 16   | 2      | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 15  | 16   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 16   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 16   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 16   | 42     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 16   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 17   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 17   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 17   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 17   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 17   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 17   | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 18   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 18   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 18   | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 18   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 18   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 18   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 19   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 19   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 19   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 19   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 19   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 19   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 20   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 20   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 20   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 20   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 20   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 20   | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 21   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 21   | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 21   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 21   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 21   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 21   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 22   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 22   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 22   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 22   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 22   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 22   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 23   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 23   | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 23   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 23   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 23   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 23   | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 0    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 16  | 0    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 0    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 0    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 0    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 0    | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 1    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 1    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 1    | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 1    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 1    | 42     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 1    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 2    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 2    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 2    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 2    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 2    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 2    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 3    | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 3    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 3    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 3    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 3    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 3    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 4    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 4    | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 4    | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 4    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 4    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 4    | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 5    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 5    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 5    | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 5    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 5    | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 5    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 6    | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 6    | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 6    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 6    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 6    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 6    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 7    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 7    | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 7    | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 7    | 32     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 7    | 42     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 7    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 8    | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.6    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 16  | 8    | 12     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 8    | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 8    | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 8    | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 8    | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 9    | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 9    | 12     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 9    | 22     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 9    | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 9    | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 9    | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 10   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 10   | 12     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 10   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 10   | 32     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 10   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 10   | 52     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 11   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 11   | 12     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 11   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 11   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 11   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 11   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 12   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 12   | 12     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 12   | 22     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 12   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 12   | 42     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 12   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 13   | 2      | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 13   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 13   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 13   | 32     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 13   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 13   | 52     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 14   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 14   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 14   | 22     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 14   | 32     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 14   | 42     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 14   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 15   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 15   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 15   | 22     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 15   | 32     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 15   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 15   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 16   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 16  | 16   | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 16   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 16   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 16   | 42     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 16   | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 17   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 17   | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12      |
| 2009 | 6     | 16  | 17   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 17   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 17   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 17   | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 18   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 18   | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 18   | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 18   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 18   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 18   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 19   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 19   | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 19   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 19   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 19   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 19   | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 20   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 20   | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 20   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 20   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 20   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 20   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 21   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 21   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 21   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 21   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 21   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 21   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 22   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 22   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 22   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 22   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 22   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 22   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 23   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 23   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 23   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 23   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 23   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 23   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 0    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 17  | 0    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 0    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 0    | 32     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 0    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 0    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 1    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 1    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 1    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 1    | 32     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 1    | 42     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 1    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 2    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 2    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 2    | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 2    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 2    | 42     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 2    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 3    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 3    | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 3    | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 3    | 32     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 3    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 3    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.4    |
| 2009 | 6     | 17  | 4    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.4    |
| 2009 | 6     | 17  | 4    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 11.4    |
| 2009 | 6     | 17  | 4    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.4    |
| 2009 | 6     | 17  | 4    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.4    |
| 2009 | 6     | 17  | 4    | 42     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.4    |
| 2009 | 6     | 17  | 4    | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.4    |
| 2009 | 6     | 17  | 5    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 11.4    |
| 2009 | 6     | 17  | 5    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.4    |
| 2009 | 6     | 17  | 5    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.4    |
| 2009 | 6     | 17  | 5    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.4    |
| 2009 | 6     | 17  | 5    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.4    |
| 2009 | 6     | 17  | 5    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.4    |
| 2009 | 6     | 17  | 6    | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.4    |
| 2009 | 6     | 17  | 6    | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.4    |
| 2009 | 6     | 17  | 6    | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11.4    |
| 2009 | 6     | 17  | 6    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 11.4    |
| 2009 | 6     | 17  | 6    | 42     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.4    |
| 2009 | 6     | 17  | 6    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.4    |
| 2009 | 6     | 17  | 7    | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.4    |
| 2009 | 6     | 17  | 7    | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.4    |
| 2009 | 6     | 17  | 7    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 7    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 7    | 42     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 7    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 8    | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 17  | 8    | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 8    | 22     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 8    | 32     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 8    | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 8    | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 9    | 2      | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 9    | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 9    | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 9    | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 9    | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 9    | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 10   | 2      | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 10   | 12     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 10   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 10   | 32     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 10   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 10   | 52     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 11   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12      |
| 2009 | 6     | 17  | 11   | 12     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 11   | 22     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 11   | 32     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 11   | 42     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 11   | 52     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 12   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 12   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 12   | 22     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 12   | 32     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 12   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 12   | 52     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 13   | 2      | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 13   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 13   | 22     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 13   | 32     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 13   | 42     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 13   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12      |
| 2009 | 6     | 17  | 14   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 14   | 12     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 14   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 14   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 14   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 14   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 15   | 2      | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 15   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 15   | 22     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 15   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 15   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 15   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 16   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 17  | 16   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 16   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 16   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 16   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 16   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 17   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 17   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 17   | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 17   | 32     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 17   | 42     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 17   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 18   | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 18   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 18   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 18   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 18   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 18   | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 19   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 19   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 19   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 19   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 19   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 19   | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 20   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 20   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 20   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 20   | 32     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 20   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 20   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 21   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 21   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 21   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 21   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 21   | 42     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 21   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 22   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 22   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 22   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 22   | 32     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 22   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 22   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 23   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 23   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 23   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 23   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 23   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 23   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 0    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 18  | 0    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 0    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 0    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 0    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 0    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 1    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 1    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 1    | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 1    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 1    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 1    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 2    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 2    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 2    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 2    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 2    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 2    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 3    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 3    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 3    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 3    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 3    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 3    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 4    | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 4    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 4    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 4    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 4    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 4    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 5    | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 5    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 5    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 5    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 5    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 5    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 6    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 6    | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 6    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 6    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 6    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 6    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 7    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 7    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 7    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 7    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 7    | 42     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 7    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 8    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 18  | 8    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 8    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 8    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 8    | 42     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 8    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 9    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 9    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 9    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 9    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 9    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 9    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 10   | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 10   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 10   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 10   | 32     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 10   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 10   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 11   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 11   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 11   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 11   | 32     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 11   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 11   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 12   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 12   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 12   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 12   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 12   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 12   | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 13   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 13   | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 13   | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 13   | 32     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 13   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 13   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 14   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 14   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 14   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 14   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 14   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 14   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 15   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 15   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 15   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 15   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 15   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 15   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 16   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 18  | 16   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 16   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 16   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 16   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 16   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 17   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 17   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 17   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 17   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 17   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 17   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 18   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 18   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 18   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 18   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 18   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 18   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 19   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 19   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 19   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 19   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 19   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 19   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 20   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 20   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 20   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 20   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 20   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 20   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 21   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 21   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 21   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 21   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 21   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 21   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 22   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 22   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 22   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 22   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 22   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 22   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 23   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 23   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 23   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 23   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 23   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 23   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 0    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 11.6    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 19  | 0    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 0    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 0    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 0    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 0    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 1    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 1    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 1    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 1    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 1    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 1    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 2    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 2    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 2    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 2    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 2    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 2    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 3    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 3    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 3    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 3    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 3    | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 3    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 4    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 4    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 4    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 4    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 4    | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 4    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 5    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 5    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 5    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 5    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 5    | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 5    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 6    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 6    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 6    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 6    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 6    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 6    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 7    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 7    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 7    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 7    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 7    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 7    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 8    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 19  | 8    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 8    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 8    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 8    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 8    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 9    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 9    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 9    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 9    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 9    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 9    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 10   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 10   | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 10   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 10   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 10   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 10   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12      |
| 2009 | 6     | 19  | 11   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 11   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 11   | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 11   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12      |
| 2009 | 6     | 19  | 11   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 11   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 12   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 12   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 12   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 12   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 12   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 12   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 13   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12      |
| 2009 | 6     | 19  | 13   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 13   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 13   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 13   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 13   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 14   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 14   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12      |
| 2009 | 6     | 19  | 14   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 14   | 32     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 14   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 14   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 15   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 15   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 15   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 15   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 15   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 15   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 16   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 19  | 16   | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 16   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 16   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 16   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 16   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 17   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 17   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 17   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 17   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 17   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 17   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 18   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 18   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 18   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 18   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 18   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 18   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 19   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 19   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 19   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 19   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 19   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 19   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 20   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 20   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 20   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 20   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 20   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 20   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 21   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 21   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 21   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 21   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 21   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 21   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 22   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 22   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 22   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 22   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 22   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 22   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 23   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 23   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 23   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 23   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 23   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 23   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 0    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 20  | 0    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 0    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 0    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 0    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 0    | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 1    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 1    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 1    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 1    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 1    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 1    | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 2    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 2    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 2    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 2    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 2    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 2    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 3    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 3    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 3    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 3    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 3    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 3    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 4    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 4    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 4    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 4    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 4    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 4    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 5    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 5    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 5    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 5    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 5    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 5    | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 6    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 6    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 6    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 6    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 6    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 6    | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 7    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 7    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 7    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 7    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 7    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 7    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 8    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 20  | 8    | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 8    | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 8    | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 8    | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 8    | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 9    | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 9    | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 9    | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 9    | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 9    | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 9    | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 10   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 10   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 10   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 10   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12      |
| 2009 | 6     | 20  | 10   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 10   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 11   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 11   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 11   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12      |
| 2009 | 6     | 20  | 11   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 11   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12      |
| 2009 | 6     | 20  | 11   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 12   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 12   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 12   | 22     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 12   | 32     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 12   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12      |
| 2009 | 6     | 20  | 12   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 13   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 13   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 13   | 22     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 13   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12      |
| 2009 | 6     | 20  | 13   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 13   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 14   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 14   | 12     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 14   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 14   | 32     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 12      |
| 2009 | 6     | 20  | 14   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 14   | 52     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 15   | 2      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 15   | 12     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 15   | 22     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 15   | 32     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 15   | 42     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 15   | 52     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 16   | 2      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 20  | 16   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 16   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 16   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 16   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 16   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 17   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 17   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 17   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 17   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 17   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 17   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 18   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 18   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 18   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 18   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 18   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 18   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 19   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 19   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 19   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 19   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 19   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 19   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 20   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 20   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 20   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 20   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 20   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 20   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 21   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 21   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 21   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 21   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 21   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 21   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 22   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 22   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 22   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 22   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 22   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 22   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 23   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 23   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 23   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 23   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 23   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 23   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 0    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.92       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 21  | 0    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.89       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 0    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 0    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 0    | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 0    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 1    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 1    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 1    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 1    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 1    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 1    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 2    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 2    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 2    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 2    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 2    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 2    | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 3    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 3    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 3    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 3    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 3    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 3    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 4    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 4    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 4    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 4    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 4    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 4    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 5    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 5    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 5    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 5    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 5    | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 11.4    |
| 2009 | 6     | 21  | 5    | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 11.4    |
| 2009 | 6     | 21  | 6    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 11.4    |
| 2009 | 6     | 21  | 6    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 11.4    |
| 2009 | 6     | 21  | 6    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 11.4    |
| 2009 | 6     | 21  | 6    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 11.4    |
| 2009 | 6     | 21  | 6    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 11.4    |
| 2009 | 6     | 21  | 6    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 11.4    |
| 2009 | 6     | 21  | 7    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 7    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 7    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 7    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 7    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 7    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 8    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 21  | 8    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 8    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 8    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 8    | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 8    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 9    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 9    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 9    | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 9    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 9    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 9    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 10   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 10   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 10   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 10   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 10   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 10   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 11   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 11   | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 11   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 11   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 11   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 11   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 12   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 12   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 12   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 12   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 12   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 12   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 13   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 13   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 13   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 13   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 13   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 13   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 14   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 14   | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 14   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 14   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12      |
| 2009 | 6     | 21  | 14   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 14   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 15   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 15   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 15   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 15   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 15   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 15   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 16   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 21  | 16   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 16   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 12      |
| 2009 | 6     | 21  | 16   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 16   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 16   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 17   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 17   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 17   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 17   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 17   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 17   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 18   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 18   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 18   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 18   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 18   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 18   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 19   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 19   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 19   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 19   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 19   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 19   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 20   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 20   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 20   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 20   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 20   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 20   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 21   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 21   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 21   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 21   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 21   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 21   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 22   | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 22   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 22   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 22   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 22   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 22   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 23   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 23   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 23   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 23   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 23   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 23   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 0    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 22  | 0    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 0    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 0    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 0    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 0    | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 1    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 1    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 1    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 1    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 1    | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 1    | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 2    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 2    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 2    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 2    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 2    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 2    | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 3    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 3    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 3    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 3    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 3    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 3    | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 4    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 4    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 4    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 4    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 4    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 4    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 5    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 5    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 5    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 5    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 5    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 5    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 6    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 6    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 6    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 6    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 6    | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 6    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 7    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 7    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 7    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 7    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 7    | 42     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 7    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 8    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 22  | 8    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 8    | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 8    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 8    | 42     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 8    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 9    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 9    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 9    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 9    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 9    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 9    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 10   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 10   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 10   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 10   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 10   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 10   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 11   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 11   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 11   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 11   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 11   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 11   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 12   | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 12   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 12   | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 12   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 12   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 12   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 13   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 13   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 13   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 13   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 13   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 13   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 14   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 14   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 14   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 14   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 14   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 14   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 15   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 15   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 15   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 15   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 15   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 15   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 16   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 22  | 16   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 16   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 16   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 16   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 16   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 17   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 17   | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 17   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 17   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 17   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 17   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 18   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 18   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 18   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 18   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 18   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 18   | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 19   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 19   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 19   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 19   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 19   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 19   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 20   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 20   | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 20   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 20   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 20   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 20   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 21   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 21   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 21   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 21   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 21   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 21   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 22   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 22   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 22   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 22   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 22   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 22   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 23   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 23   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 23   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 23   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 23   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 22  | 23   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 0    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 23  | 0    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 0    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 0    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 0    | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 0    | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 1    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 1    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 1    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 1    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 1    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 1    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 2    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 2    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 2    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 2    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 2    | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 2    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 3    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 3    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 3    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 3    | 32     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 3    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 3    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 4    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 4    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 4    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 4    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 4    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 4    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 5    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 5    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 5    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 5    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 11.4    |
| 2009 | 6     | 23  | 5    | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 11.4    |
| 2009 | 6     | 23  | 5    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 11.4    |
| 2009 | 6     | 23  | 6    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 11.4    |
| 2009 | 6     | 23  | 6    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 11.4    |
| 2009 | 6     | 23  | 6    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 11.4    |
| 2009 | 6     | 23  | 6    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 11.4    |
| 2009 | 6     | 23  | 6    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 11.4    |
| 2009 | 6     | 23  | 6    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 11.4    |
| 2009 | 6     | 23  | 7    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 7    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 7    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 7    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 7    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 7    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 8    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 23  | 8    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 8    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 8    | 32     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 8    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 8    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 9    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 9    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 9    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 9    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 9    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 9    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 10   | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 10   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 10   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 10   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 10   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 10   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 11   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 11   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 11   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 11   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 11   | 42     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 11   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 12   | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 12   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 12   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 12   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 12   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 12   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 13   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 13   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 13   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 13   | 32     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 13   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 13   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 14   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 14   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 14   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 14   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 14   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 14   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 15   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 15   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 15   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 15   | 32     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 15   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 15   | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 16   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 23  | 16   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 16   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 16   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 16   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 16   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 17   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 17   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 17   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 17   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 17   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 17   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 18   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 18   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 18   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 18   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 18   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 18   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 19   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 19   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 19   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 19   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 19   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 19   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 20   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 20   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 20   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 20   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 20   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 20   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 21   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 21   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 21   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 21   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 21   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 21   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 22   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 22   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 22   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 22   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 22   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 22   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 23   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 23   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 23   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 23   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 23   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 23  | 23   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 0    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 24  | 0    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 0    | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 0    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 0    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 0    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 1    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 1    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 1    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 1    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 1    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 1    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 2    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 2    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 2    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 2    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 2    | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 2    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 3    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 3    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 3    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 3    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 3    | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 3    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 4    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 4    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 4    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 4    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 4    | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 4    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 5    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 5    | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 5    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 5    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 5    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 11.4    |
| 2009 | 6     | 24  | 5    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 11.4    |
| 2009 | 6     | 24  | 6    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 11.4    |
| 2009 | 6     | 24  | 6    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 11.4    |
| 2009 | 6     | 24  | 6    | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 11.4    |
| 2009 | 6     | 24  | 6    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 11.4    |
| 2009 | 6     | 24  | 6    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 11.4    |
| 2009 | 6     | 24  | 6    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 11.4    |
| 2009 | 6     | 24  | 7    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 7    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 7    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 7    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 7    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 7    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 8    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.6    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 24  | 8    | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 8    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 8    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 8    | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 8    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 9    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 9    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 9    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 9    | 32     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 9    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 9    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 10   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 10   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 10   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 10   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 10   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 10   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12      |
| 2009 | 6     | 24  | 11   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 11   | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 11   | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 11   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 11   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12      |
| 2009 | 6     | 24  | 11   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 12   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 12   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 12   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 12   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 12   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 12   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 13   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 13   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 13   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 13   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 13   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 13   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 14   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 14   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 14   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 14   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 14   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 14   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 15   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 15   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 15   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 15   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 15   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 15   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 16   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 24  | 16   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 16   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 16   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 16   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 16   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 17   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 17   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12      |
| 2009 | 6     | 24  | 17   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 17   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 17   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 17   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 18   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 18   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 18   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 18   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 18   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 18   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 19   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 19   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 19   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 19   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 19   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 19   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 20   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 20   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 20   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 20   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 20   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 20   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 21   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 21   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 21   | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 21   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 21   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 21   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 22   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 22   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 22   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 22   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 22   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 22   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 23   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 23   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 23   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 23   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 23   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 24  | 23   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 0    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 25  | 0    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 0    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 0    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 0    | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 0    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 1    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 1    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 1    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 1    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 1    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 1    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 2    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 2    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 2    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 2    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 2    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 2    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 3    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 3    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 3    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 3    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 3    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 3    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 4    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 4    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 4    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 4    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 4    | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 4    | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 5    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 5    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 5    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 5    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 5    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 11.4    |
| 2009 | 6     | 25  | 5    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 11.4    |
| 2009 | 6     | 25  | 6    | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 11.4    |
| 2009 | 6     | 25  | 6    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 11.4    |
| 2009 | 6     | 25  | 6    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 11.4    |
| 2009 | 6     | 25  | 6    | 32     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 11.4    |
| 2009 | 6     | 25  | 6    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 11.4    |
| 2009 | 6     | 25  | 6    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 11.4    |
| 2009 | 6     | 25  | 7    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 7    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 7    | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 7    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 7    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 7    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 8    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 25  | 8    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 8    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 8    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 8    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 8    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 9    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 9    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 9    | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 9    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 9    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 9    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 10   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 10   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 10   | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 10   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 10   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 10   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 11   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 11   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 11   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 11   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 11   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 11   | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 12   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 12   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 12   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 12   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 12   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 12   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 13   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 13   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 13   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 13   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 13   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 13   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 14   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 14   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 14   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 14   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 14   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 14   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 15   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 15   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 15   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 15   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 15   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 15   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 16   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 25  | 16   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 16   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 16   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 16   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 16   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 17   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 17   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 17   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 17   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 17   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 17   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 18   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 18   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 18   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 18   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 18   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 18   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 19   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 19   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 19   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 19   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 19   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 19   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 20   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 20   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 20   | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 20   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 20   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 20   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 21   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 21   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 21   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 21   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 21   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 21   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 22   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 22   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 22   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 22   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 22   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 22   | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 23   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 23   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 23   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 23   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 23   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 25  | 23   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 0    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 26  | 0    | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 0    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 0    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 0    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 0    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 1    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 1    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 1    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 1    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 1    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 1    | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 2    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 2    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 2    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 2    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 2    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 2    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 3    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 3    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 3    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 3    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 3    | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 3    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 4    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 4    | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 4    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 4    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 4    | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 4    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 5    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 5    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 5    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 5    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 5    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 5    | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 6    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 6    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 6    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 6    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 6    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 6    | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 7    | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 7    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 7    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 7    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 7    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 7    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 8    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 26  | 8    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 8    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 8    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 8    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 8    | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 9    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 9    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 9    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 9    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 9    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 9    | 52     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 10   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 10   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 10   | 22     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 10   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 10   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 10   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 11   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 11   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 11   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 11   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 11   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 11   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 12   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 12   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 12   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 12   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 12   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 12   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 13   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 13   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 13   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 13   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 13   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 13   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 14   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 14   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 14   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 14   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 14   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 14   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 15   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 15   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 15   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 15   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 15   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 15   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 16   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 26  | 16   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 16   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 16   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 16   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 16   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 17   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 17   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 17   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 17   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 17   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 17   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 18   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 18   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 18   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 18   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 18   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 18   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 19   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 19   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 19   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 19   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 19   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 19   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 20   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 20   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 20   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 20   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 20   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 20   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 21   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 21   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 21   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 21   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 21   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 21   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 22   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 22   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 22   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 22   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 22   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 22   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 23   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 23   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 23   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 23   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 23   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 23   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 0    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.53       | 0        | 0              | 11.6    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 27  | 0    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 0    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 0    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 0    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 0    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 1    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 1    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 1    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 1    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 1    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 1    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 2    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 2    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 2    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 2    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 2    | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 2    | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 3    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 3    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 3    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 3    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 3    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 3    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 4    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 4    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 4    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 4    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 4    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 4    | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 5    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 5    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 5    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 5    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 5    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 11.4    |
| 2009 | 6     | 27  | 5    | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 11.4    |
| 2009 | 6     | 27  | 6    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 11.4    |
| 2009 | 6     | 27  | 6    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 11.4    |
| 2009 | 6     | 27  | 6    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 11.4    |
| 2009 | 6     | 27  | 6    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 11.4    |
| 2009 | 6     | 27  | 6    | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 11.4    |
| 2009 | 6     | 27  | 6    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 11.4    |
| 2009 | 6     | 27  | 7    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 7    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 7    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 7    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 7    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 7    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 8    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 27  | 8    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 8    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 8    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 8    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 8    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 9    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 9    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 9    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 9    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 9    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 9    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 10   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 10   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 10   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 10   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 10   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 10   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 11   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 11   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 11   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 11   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 11   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 11   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 12   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 12   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 12   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 12   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 12   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 12   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 13   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 13   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 13   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 13   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 13   | 42     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 13   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 14   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 14   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 14   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 14   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 14   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 14   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 15   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 15   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 15   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 15   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 15   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 15   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 16   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 27  | 16   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 16   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 16   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 16   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 16   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 17   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 17   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 17   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 17   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 17   | 42     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 17   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 18   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 18   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 18   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 18   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 18   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 18   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 19   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 19   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 19   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 19   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 19   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 19   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 20   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 20   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 20   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 20   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 20   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 20   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 21   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 21   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 21   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 21   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 21   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 21   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 22   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 22   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 22   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 22   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 22   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 22   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 23   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 23   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 23   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 23   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 23   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 27  | 23   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 0    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.3        | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 28  | 0    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 0    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 0    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 0    | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 0    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 1    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 1    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 1    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 1    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 1    | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 1    | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 2    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 2    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 2    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 2    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 2    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 2    | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 3    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 3    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 3    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 3    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 3    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 3    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 4    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 4    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 4    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 4    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 4    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 4    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 5    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 5    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 5    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 5    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 5    | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 5    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 6    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 6    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 11.4    |
| 2009 | 6     | 28  | 6    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 11.4    |
| 2009 | 6     | 28  | 6    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 11.4    |
| 2009 | 6     | 28  | 6    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 11.4    |
| 2009 | 6     | 28  | 6    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 11.4    |
| 2009 | 6     | 28  | 7    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 11.4    |
| 2009 | 6     | 28  | 7    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 7    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 7    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 7    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 7    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 8    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 28  | 8    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 8    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 8    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 8    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 8    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 9    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 9    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 9    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 9    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 9    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 9    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 10   | 2      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 10   | 12     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 10   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 10   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 10   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 10   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 11   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 11   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 11   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 11   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 11   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 11   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 12   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 12   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 12   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 12   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 12   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 12   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 13   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 13   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 13   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 13   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 13   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 13   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 14   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 14   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 14   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 14   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 14   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 14   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 15   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 15   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 15   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 15   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 15   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 15   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.28       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 16   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 28  | 16   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 16   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 16   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 16   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 16   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.74       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 17   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.8        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 17   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.87       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 17   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.94       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 17   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 17   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 17   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 18   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 18   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 18   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 18   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 18   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 18   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 19   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 19   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 19   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 19   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 19   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 19   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 20   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 20   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 20   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 20   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73          | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 20   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 20   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 21   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 21   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 21   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 21   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 21   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 21   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 22   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 22   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 22   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 22   | 32     | 17     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 22   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 22   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.33       | 0        | 0              | 11.4    |
| 2009 | 6     | 28  | 23   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.35       | 0        | 0              | 11.4    |
| 2009 | 6     | 28  | 23   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 23   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 23   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 23   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 28  | 23   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 0    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.29       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 29  | 0    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 0    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 0    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 0    | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 0    | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 1    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 1    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 1    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 1    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 1    | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 1    | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 2    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 2    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 2    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 2    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 2    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 2    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 3    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.5        | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 3    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 3    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 3    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 3    | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 3    | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 4    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 4    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 4    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 4    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 4    | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 4    | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 5    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 5    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 5    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 5    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 5    | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 11.4    |
| 2009 | 6     | 29  | 5    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 11.4    |
| 2009 | 6     | 29  | 6    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 11.4    |
| 2009 | 6     | 29  | 6    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 6    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 6    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 6    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 6    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 7    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 7    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 7    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 7    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 7    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 7    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 8    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 29  | 8    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 8    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 8    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 8    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 8    | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 9    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 9    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 9    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 9    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 9    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 9    | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 10   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 10   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 10   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 10   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 10   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 10   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 11   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 11   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 11   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 11   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 11   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 11   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 12   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 12   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 12   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 12   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 12   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 12   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 13   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 13   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 13   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 13   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 13   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 13   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 14   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 14   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 14   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.28       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 14   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 14   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.38       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 14   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 15   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 15   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 15   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 15   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.73       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 15   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.8        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 15   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.89       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 16   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 11.8    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 29  | 16   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 16   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.1        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 16   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 16   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 16   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 17   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 17   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 17   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 17   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 17   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 17   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 18   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 18   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 18   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 18   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 18   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 18   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 19   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 19   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 19   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 19   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73          | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 19   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 19   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 20   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 20   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 20   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 20   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 20   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 20   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 21   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 21   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 21   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 21   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 21   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 21   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 22   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 22   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 22   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 22   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 22   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 22   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 23   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 23   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 23   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 23   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 23   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 29  | 23   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 0    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.2        | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 30  | 0    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 0    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 0    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 0    | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 0    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 1    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 1    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73          | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 1    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 1    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 1    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 1    | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 2    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 2    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 2    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 2    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 2    | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 2    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 3    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 3    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 3    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 3    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 3    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 3    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 4    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 4    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 4    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 4    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 4    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 4    | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 5    | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 5    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 5    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 5    | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 5    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.71       | 0        | 0              | 11.4    |
| 2009 | 6     | 30  | 5    | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.67       | 0        | 0              | 11.4    |
| 2009 | 6     | 30  | 6    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.62       | 0        | 0              | 11.4    |
| 2009 | 6     | 30  | 6    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 11.4    |
| 2009 | 6     | 30  | 6    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 11.4    |
| 2009 | 6     | 30  | 6    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 11.4    |
| 2009 | 6     | 30  | 6    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 11.4    |
| 2009 | 6     | 30  | 6    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.38       | 0        | 0              | 11.4    |
| 2009 | 6     | 30  | 7    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 11.4    |
| 2009 | 6     | 30  | 7    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.28       | 0        | 0              | 11.4    |
| 2009 | 6     | 30  | 7    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 11.4    |
| 2009 | 6     | 30  | 7    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 11.4    |
| 2009 | 6     | 30  | 7    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 7    | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 8    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 30  | 8    | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 8    | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 8    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 8    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 8    | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 9    | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 9    | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 9    | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 9    | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 9    | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 9    | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 10   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 10   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 10   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 10   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 10   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 10   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 11   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 11   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 11   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 11   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 11   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 11   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 12   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 12   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 12   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 12   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.38       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 12   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.44       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 12   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 13   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 13   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.62       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 13   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.69       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 13   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 13   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 13   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.83       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 14   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.89       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 14   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.94       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 14   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 12      |
| 2009 | 6     | 30  | 14   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.07       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 14   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.14       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 14   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.21       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 15   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 15   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.32       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 15   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 15   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 15   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 15   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 16   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.54       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 30  | 16   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 16   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 16   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 16   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 16   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 17   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 17   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 17   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 17   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 17   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 17   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 18   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73          | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 18   | 12     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 18   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 18   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 18   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 18   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 19   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 19   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 19   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 19   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 19   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 19   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 20   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 20   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 20   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 20   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 20   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 20   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 21   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 21   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 21   | 22     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 21   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 21   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 21   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 22   | 2      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 22   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 22   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 22   | 32     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 22   | 42     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 22   | 52     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 23   | 2      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 23   | 12     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 23   | 22     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 23   | 32     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 23   | 42     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 23   | 52     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.38       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 1   | 0    | 8      | 54     | 0.3       | 3.6     | 1.72  | 88        | 26.0591 | 39.7274 |
| 2009 | 6     | 1   | 0    | 18     | 54     | 0.3       | 3.6     | 1.68  | 88.9      | 26.0591 | 38.809  |
| 2009 | 6     | 1   | 0    | 28     | 54     | 0.3       | 3.6     | 1.68  | 87.9      | 26.0329 | 38.7693 |
| 2009 | 6     | 1   | 0    | 38     | 54     | 0.3       | 3.6     | 1.65  | 86.8      | 26.0329 | 37.9285 |
| 2009 | 6     | 1   | 0    | 48     | 54     | 0.3       | 3.6     | 1.7   | 88.3      | 26.0329 | 39.228  |
| 2009 | 6     | 1   | 0    | 58     | 54     | 0.3       | 3.6     | 1.69  | 87.4      | 26.0067 | 38.9588 |
| 2009 | 6     | 1   | 1    | 8      | 54     | 0.3       | 3.6     | 1.68  | 87.7      | 26.0067 | 38.6533 |
| 2009 | 6     | 1   | 1    | 18     | 54     | 0.3       | 3.6     | 1.68  | 88.3      | 25.9804 | 38.5374 |
| 2009 | 6     | 1   | 1    | 28     | 54     | 0.3       | 3.6     | 1.69  | 87.1      | 25.9804 | 38.8425 |
| 2009 | 6     | 1   | 1    | 38     | 54     | 0.3       | 3.6     | 1.7   | 87.2      | 25.9804 | 39.0714 |
| 2009 | 6     | 1   | 1    | 48     | 54     | 0.3       | 3.6     | 1.71  | 88        | 25.9804 | 39.224  |
| 2009 | 6     | 1   | 1    | 58     | 54     | 0.3       | 3.6     | 1.7   | 89        | 25.9542 | 39.0314 |
| 2009 | 6     | 1   | 2    | 8      | 54     | 0.3       | 3.6     | 1.7   | 87.5      | 25.9542 | 38.9551 |
| 2009 | 6     | 1   | 2    | 18     | 54     | 0.3       | 3.6     | 1.66  | 86.7      | 25.9542 | 38.1168 |
| 2009 | 6     | 1   | 2    | 28     | 54     | 0.3       | 3.6     | 1.68  | 89.2      | 25.9542 | 38.574  |
| 2009 | 6     | 1   | 2    | 38     | 54     | 0.3       | 3.6     | 1.68  | 87.4      | 25.9542 | 38.6503 |
| 2009 | 6     | 1   | 2    | 48     | 54     | 0.3       | 3.6     | 1.69  | 87.1      | 25.9279 | 38.7629 |
| 2009 | 6     | 1   | 2    | 58     | 54     | 0.3       | 3.6     | 1.67  | 87        | 25.9279 | 38.306  |
| 2009 | 6     | 1   | 3    | 8      | 54     | 0.3       | 3.6     | 1.65  | 87.6      | 25.9279 | 37.6971 |
| 2009 | 6     | 1   | 3    | 18     | 54     | 0.3       | 3.6     | 1.7   | 87        | 25.9279 | 38.9913 |
| 2009 | 6     | 1   | 3    | 28     | 54     | 0.3       | 3.6     | 1.7   | 87.8      | 25.9017 | 39.0273 |
| 2009 | 6     | 1   | 3    | 38     | 54     | 0.3       | 3.6     | 1.65  | 87        | 25.9017 | 37.8104 |
| 2009 | 6     | 1   | 3    | 48     | 54     | 0.3       | 3.6     | 1.69  | 87.4      | 25.9017 | 38.723  |
| 2009 | 6     | 1   | 3    | 58     | 54     | 0.3       | 3.6     | 1.65  | 88.1      | 25.9017 | 37.8104 |
| 2009 | 6     | 1   | 4    | 8      | 54     | 0.3       | 3.6     | 1.69  | 88.6      | 25.8755 | 38.7592 |
| 2009 | 6     | 1   | 4    | 18     | 54     | 0.3       | 3.6     | 1.66  | 88.1      | 25.8755 | 38.0754 |
| 2009 | 6     | 1   | 4    | 28     | 54     | 0.3       | 3.6     | 1.65  | 87        | 25.8755 | 37.7715 |
| 2009 | 6     | 1   | 4    | 38     | 54     | 0.3       | 3.6     | 1.67  | 86.8      | 25.8755 | 38.1513 |
| 2009 | 6     | 1   | 4    | 48     | 54     | 0.3       | 3.6     | 1.67  | 88        | 25.8755 | 38.2273 |
| 2009 | 6     | 1   | 4    | 58     | 54     | 0.3       | 3.6     | 1.67  | 87.8      | 25.8492 | 38.2638 |
| 2009 | 6     | 1   | 5    | 8      | 54     | 0.3       | 3.6     | 1.68  | 88.9      | 25.8492 | 38.4915 |
| 2009 | 6     | 1   | 5    | 18     | 54     | 0.3       | 3.6     | 1.64  | 87.7      | 25.823  | 37.4663 |
| 2009 | 6     | 1   | 5    | 28     | 54     | 0.3       | 3.6     | 1.68  | 87.5      | 25.823  | 38.376  |
| 2009 | 6     | 1   | 5    | 38     | 54     | 0.3       | 3.6     | 1.7   | 86.1      | 25.823  | 38.831  |
| 2009 | 6     | 1   | 5    | 48     | 54     | 0.3       | 3.6     | 1.71  | 86.7      | 25.7967 | 38.9424 |
| 2009 | 6     | 1   | 5    | 58     | 54     | 0.3       | 3.6     | 1.7   | 88        | 25.7705 | 38.7509 |
| 2009 | 6     | 1   | 6    | 8      | 54     | 0.3       | 3.6     | 1.7   | 88.8      | 25.7705 | 38.8265 |
| 2009 | 6     | 1   | 6    | 18     | 54     | 0.3       | 3.6     | 1.7   | 88.1      | 25.7705 | 38.6752 |
| 2009 | 6     | 1   | 6    | 28     | 54     | 0.3       | 3.6     | 1.68  | 87.5      | 25.718  | 38.1421 |
| 2009 | 6     | 1   | 6    | 38     | 54     | 0.3       | 3.6     | 1.67  | 87.7      | 25.718  | 37.9156 |
| 2009 | 6     | 1   | 6    | 48     | 54     | 0.3       | 3.6     | 1.7   | 87.2      | 25.6918 | 38.5552 |
| 2009 | 6     | 1   | 6    | 58     | 54     | 0.3       | 3.6     | 1.69  | 88.3      | 25.6918 | 38.4798 |
| 2009 | 6     | 1   | 7    | 8      | 54     | 0.3       | 3.6     | 1.69  | 87.1      | 25.6393 | 38.2494 |
| 2009 | 6     | 1   | 7    | 18     | 54     | 0.3       | 3.6     | 1.67  | 87.5      | 25.6393 | 37.873  |
| 2009 | 6     | 1   | 7    | 28     | 54     | 0.3       | 3.6     | 1.72  | 88.6      | 25.6393 | 39.0022 |
| 2009 | 6     | 1   | 7    | 38     | 54     | 0.3       | 3.6     | 1.67  | 88.5      | 25.613  | 37.8336 |
| 2009 | 6     | 1   | 7    | 48     | 54     | 0.3       | 3.6     | 1.69  | 87.6      | 25.613  | 38.2848 |
| 2009 | 6     | 1   | 7    | 58     | 54     | 0.3       | 3.6     | 1.67  | 88.2      | 25.5868 | 37.8694 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 1   | 8    | 8      | 54     | 0.3       | 3.6     | 1.66  | 88        | 25.5868 | 37.4938 |
| 2009 | 6     | 1   | 8    | 18     | 54     | 0.3       | 3.6     | 1.66  | 88        | 25.5868 | 37.4938 |
| 2009 | 6     | 1   | 8    | 28     | 54     | 0.3       | 3.3     | 1.66  | 86.8      | 25.5606 | 37.5298 |
| 2009 | 6     | 1   | 8    | 38     | 54     | 0.3       | 3.3     | 1.68  | 87.3      | 25.5606 | 38.0551 |
| 2009 | 6     | 1   | 8    | 48     | 54     | 0.3       | 3.3     | 1.66  | 86.6      | 25.5606 | 37.5298 |
| 2009 | 6     | 1   | 8    | 58     | 54     | 0.3       | 3.3     | 1.64  | 88.2      | 25.5343 | 37.041  |
| 2009 | 6     | 1   | 9    | 8      | 54     | 0.3       | 3.3     | 1.67  | 87.2      | 25.5343 | 37.5656 |
| 2009 | 6     | 1   | 9    | 18     | 54     | 0.3       | 3.3     | 1.71  | 87.6      | 25.5343 | 38.6151 |
| 2009 | 6     | 1   | 9    | 28     | 54     | 0.3       | 3.3     | 1.73  | 88.9      | 25.5081 | 39.0243 |
| 2009 | 6     | 1   | 9    | 38     | 54     | 0.3       | 3.3     | 1.64  | 87.7      | 25.5081 | 36.8526 |
| 2009 | 6     | 1   | 9    | 48     | 54     | 0.3       | 3.3     | 1.7   | 89.7      | 25.5081 | 38.2753 |
| 2009 | 6     | 1   | 9    | 58     | 54     | 0.3       | 3.3     | 1.72  | 87.8      | 25.4818 | 38.8338 |
| 2009 | 6     | 1   | 10   | 8      | 54     | 0.3       | 3.3     | 1.67  | 86.7      | 25.4556 | 37.5227 |
| 2009 | 6     | 1   | 10   | 18     | 54     | 0.3       | 3.3     | 1.68  | 88        | 25.4293 | 37.7074 |
| 2009 | 6     | 1   | 10   | 28     | 54     | 0.3       | 3.3     | 1.67  | 87.4      | 25.4031 | 37.4442 |
| 2009 | 6     | 1   | 10   | 38     | 54     | 0.3       | 3.3     | 1.67  | 87.4      | 25.3768 | 37.4049 |
| 2009 | 6     | 1   | 10   | 48     | 54     | 0.3       | 3.3     | 1.7   | 87.8      | 25.3506 | 38.0353 |
| 2009 | 6     | 1   | 10   | 58     | 54     | 0.3       | 3.3     | 1.64  | 88.6      | 25.3243 | 36.8061 |
| 2009 | 6     | 1   | 11   | 8      | 54     | 0.3       | 3.3     | 1.62  | 85.7      | 25.3243 | 36.2116 |
| 2009 | 6     | 1   | 11   | 18     | 54     | 0.3       | 3.3     | 1.66  | 87.3      | 25.2981 | 37.0643 |
| 2009 | 6     | 1   | 11   | 28     | 54     | 0.3       | 3.3     | 1.7   | 88.6      | 25.2981 | 38.0296 |
| 2009 | 6     | 1   | 11   | 38     | 54     | 0.3       | 3.3     | 1.65  | 88.5      | 25.2719 | 36.8028 |
| 2009 | 6     | 1   | 11   | 48     | 54     | 0.3       | 3.3     | 1.66  | 86.9      | 25.2719 | 37.0994 |
| 2009 | 6     | 1   | 11   | 58     | 54     | 0.3       | 3.3     | 1.67  | 87.7      | 25.2719 | 37.3219 |
| 2009 | 6     | 1   | 12   | 8      | 54     | 0.3       | 3.3     | 1.66  | 87.2      | 25.2719 | 37.0994 |
| 2009 | 6     | 1   | 12   | 18     | 54     | 0.3       | 3.3     | 1.7   | 87.6      | 25.2456 | 38.0236 |
| 2009 | 6     | 1   | 12   | 28     | 54     | 0.3       | 3.3     | 1.68  | 87.4      | 25.2456 | 37.5049 |
| 2009 | 6     | 1   | 12   | 38     | 54     | 0.3       | 3.3     | 1.66  | 88.3      | 25.2194 | 37.0212 |
| 2009 | 6     | 1   | 12   | 48     | 54     | 0.3       | 3.3     | 1.65  | 85.8      | 25.1931 | 36.6124 |
| 2009 | 6     | 1   | 12   | 58     | 54     | 0.3       | 3.3     | 1.68  | 88.4      | 25.1669 | 37.46   |
| 2009 | 6     | 1   | 13   | 8      | 54     | 0.3       | 3.3     | 1.66  | 87.5      | 25.1406 | 36.9776 |
| 2009 | 6     | 1   | 13   | 18     | 54     | 0.3       | 3.3     | 1.63  | 87.5      | 25.1144 | 36.1279 |
| 2009 | 6     | 1   | 13   | 28     | 54     | 0.3       | 3.3     | 1.66  | 87.6      | 25.0881 | 36.8257 |
| 2009 | 6     | 1   | 13   | 38     | 54     | 0.3       | 3.3     | 1.64  | 87.1      | 25.0619 | 36.3455 |
| 2009 | 6     | 1   | 13   | 48     | 54     | 0.3       | 3.3     | 1.63  | 86.8      | 25.0356 | 36.0131 |
| 2009 | 6     | 1   | 13   | 58     | 54     | 0.3       | 3.3     | 1.61  | 87.2      | 25.0356 | 35.499  |
| 2009 | 6     | 1   | 14   | 8      | 54     | 0.3       | 3.3     | 1.7   | 88.2      | 25.0094 | 37.5895 |
| 2009 | 6     | 1   | 14   | 18     | 54     | 0.3       | 3.3     | 1.69  | 87        | 25.0094 | 37.2224 |
| 2009 | 6     | 1   | 14   | 28     | 54     | 0.3       | 3.3     | 1.67  | 86.6      | 25.0094 | 36.8555 |
| 2009 | 6     | 1   | 14   | 38     | 54     | 0.3       | 3.3     | 1.7   | 89.6      | 24.9831 | 37.4762 |
| 2009 | 6     | 1   | 14   | 48     | 54     | 0.3       | 3.3     | 1.67  | 86.3      | 24.9831 | 36.743  |
| 2009 | 6     | 1   | 14   | 58     | 54     | 0.3       | 3.3     | 1.68  | 87.3      | 24.9569 | 36.9968 |
| 2009 | 6     | 1   | 15   | 8      | 54     | 0.3       | 3.3     | 1.65  | 87        | 24.9569 | 36.4109 |
| 2009 | 6     | 1   | 15   | 18     | 54     | 0.3       | 3.3     | 1.66  | 88.4      | 24.9569 | 36.7039 |
| 2009 | 6     | 1   | 15   | 28     | 54     | 0.3       | 3.3     | 1.62  | 85.9      | 24.9306 | 35.6407 |
| 2009 | 6     | 1   | 15   | 38     | 54     | 0.3       | 3.3     | 1.68  | 87.9      | 24.9306 | 37.1037 |
| 2009 | 6     | 1   | 15   | 48     | 54     | 0.3       | 3.3     | 1.63  | 87.9      | 24.9044 | 35.895  |
| 2009 | 6     | 1   | 15   | 58     | 54     | 0.3       | 3.3     | 1.67  | 87.4      | 24.8782 | 36.6596 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 1   | 16   | 8      | 54     | 0.3       | 3.3     | 1.64  | 87.3      | 24.8519 | 36.0371 |
| 2009 | 6     | 1   | 16   | 18     | 54     | 0.3       | 3.3     | 1.64  | 88.5      | 24.8257 | 35.9985 |
| 2009 | 6     | 1   | 16   | 28     | 54     | 0.3       | 3.3     | 1.65  | 86        | 24.7994 | 36.0327 |
| 2009 | 6     | 1   | 16   | 38     | 54     | 0.3       | 3.3     | 1.67  | 87.7      | 24.7732 | 36.5756 |
| 2009 | 6     | 1   | 16   | 48     | 54     | 0.3       | 3.3     | 1.67  | 89.3      | 24.7469 | 36.4637 |
| 2009 | 6     | 1   | 16   | 58     | 54     | 0.3       | 3.3     | 1.64  | 87.2      | 24.7469 | 35.7377 |
| 2009 | 6     | 1   | 17   | 8      | 54     | 0.3       | 3.3     | 1.63  | 86.4      | 24.7207 | 35.4818 |
| 2009 | 6     | 1   | 17   | 18     | 54     | 0.3       | 3.3     | 1.61  | 87.7      | 24.7207 | 35.1917 |
| 2009 | 6     | 1   | 17   | 28     | 54     | 0.3       | 3.3     | 1.64  | 88.1      | 24.6944 | 35.8782 |
| 2009 | 6     | 1   | 17   | 38     | 54     | 0.3       | 3.3     | 1.67  | 86.6      | 24.6944 | 36.3854 |
| 2009 | 6     | 1   | 17   | 48     | 54     | 0.3       | 3.3     | 1.66  | 88.1      | 24.6944 | 36.168  |
| 2009 | 6     | 1   | 17   | 58     | 54     | 0.3       | 3.3     | 1.66  | 88.4      | 24.6682 | 36.1291 |
| 2009 | 6     | 1   | 18   | 8      | 54     | 0.3       | 3.3     | 1.65  | 85.9      | 24.6682 | 35.912  |
| 2009 | 6     | 1   | 18   | 18     | 54     | 0.3       | 3.3     | 1.64  | 87.9      | 24.6682 | 35.7673 |
| 2009 | 6     | 1   | 18   | 28     | 54     | 0.3       | 3.3     | 1.68  | 89.2      | 24.6682 | 36.5634 |
| 2009 | 6     | 1   | 18   | 38     | 54     | 0.3       | 3.3     | 1.63  | 88.5      | 24.6419 | 35.4396 |
| 2009 | 6     | 1   | 18   | 48     | 54     | 0.3       | 3.3     | 1.66  | 88.9      | 24.6419 | 36.1625 |
| 2009 | 6     | 1   | 18   | 58     | 54     | 0.3       | 3.3     | 1.67  | 88.1      | 24.6157 | 36.2679 |
| 2009 | 6     | 1   | 19   | 8      | 54     | 0.3       | 3.3     | 1.62  | 88        | 24.6157 | 35.3291 |
| 2009 | 6     | 1   | 19   | 18     | 54     | 0.3       | 3.3     | 1.64  | 87        | 24.5895 | 35.5074 |
| 2009 | 6     | 1   | 19   | 28     | 54     | 0.3       | 3.3     | 1.67  | 88.4      | 24.5632 | 36.1896 |
| 2009 | 6     | 1   | 19   | 38     | 54     | 0.3       | 3.3     | 1.65  | 87.8      | 24.537  | 35.8625 |
| 2009 | 6     | 1   | 19   | 48     | 54     | 0.3       | 3.3     | 1.67  | 87.8      | 24.4845 | 36.2158 |
| 2009 | 6     | 1   | 19   | 58     | 54     | 0.3       | 3.3     | 1.64  | 86.3      | 24.4583 | 35.3155 |
| 2009 | 6     | 1   | 20   | 8      | 54     | 0.3       | 3.3     | 1.66  | 88.1      | 24.4583 | 35.8177 |
| 2009 | 6     | 1   | 20   | 18     | 54     | 0.3       | 3.3     | 1.62  | 87.6      | 24.432  | 34.8472 |
| 2009 | 6     | 1   | 20   | 28     | 54     | 0.3       | 3.3     | 1.63  | 87.9      | 24.432  | 35.2771 |
| 2009 | 6     | 1   | 20   | 38     | 54     | 0.3       | 3.3     | 1.64  | 88.1      | 24.4058 | 35.3819 |
| 2009 | 6     | 1   | 20   | 48     | 54     | 0.3       | 3.3     | 1.62  | 89.2      | 24.4058 | 35.024  |
| 2009 | 6     | 1   | 20   | 58     | 54     | 0.3       | 3.3     | 1.64  | 86.9      | 24.3795 | 35.3434 |
| 2009 | 6     | 1   | 21   | 8      | 54     | 0.3       | 3.3     | 1.66  | 87.9      | 24.3795 | 35.844  |
| 2009 | 6     | 1   | 21   | 18     | 54     | 0.3       | 3.3     | 1.62  | 88        | 24.3533 | 34.9477 |
| 2009 | 6     | 1   | 21   | 28     | 54     | 0.3       | 3.3     | 1.68  | 87.8      | 24.3533 | 36.1621 |
| 2009 | 6     | 1   | 21   | 38     | 54     | 0.3       | 3.3     | 1.63  | 88.3      | 24.3533 | 35.0906 |
| 2009 | 6     | 1   | 21   | 48     | 54     | 0.3       | 3.3     | 1.67  | 87.4      | 24.3533 | 35.8763 |
| 2009 | 6     | 1   | 21   | 58     | 54     | 0.3       | 3.3     | 1.65  | 86.8      | 24.3271 | 35.409  |
| 2009 | 6     | 1   | 22   | 8      | 54     | 0.3       | 3.3     | 1.65  | 88.7      | 24.3271 | 35.409  |
| 2009 | 6     | 1   | 22   | 18     | 54     | 0.3       | 3.3     | 1.64  | 87.1      | 24.3008 | 35.1565 |
| 2009 | 6     | 1   | 22   | 28     | 54     | 0.3       | 3.3     | 1.62  | 87.8      | 24.3008 | 34.7289 |
| 2009 | 6     | 1   | 22   | 38     | 54     | 0.3       | 3.3     | 1.63  | 88.7      | 24.2746 | 34.9757 |
| 2009 | 6     | 1   | 22   | 48     | 54     | 0.3       | 3.3     | 1.68  | 88.2      | 24.2221 | 35.8938 |
| 2009 | 6     | 1   | 22   | 58     | 54     | 0.3       | 3.3     | 1.64  | 87.3      | 24.2221 | 35.1122 |
| 2009 | 6     | 1   | 23   | 8      | 54     | 0.3       | 3.3     | 1.66  | 87.5      | 24.1696 | 35.3896 |
| 2009 | 6     | 1   | 23   | 18     | 54     | 0.3       | 3.3     | 1.63  | 88        | 24.1434 | 34.8551 |
| 2009 | 6     | 1   | 23   | 28     | 54     | 0.3       | 3.3     | 1.68  | 89.6      | 24.1172 | 35.7363 |
| 2009 | 6     | 1   | 23   | 38     | 54     | 0.3       | 3.3     | 1.65  | 88.3      | 24.1172 | 35.2411 |
| 2009 | 6     | 1   | 23   | 48     | 54     | 0.3       | 3.3     | 1.67  | 87.3      | 24.0909 | 35.4143 |
| 2009 | 6     | 1   | 23   | 58     | 54     | 0.3       | 3.3     | 1.64  | 87.4      | 24.0909 | 34.7784 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 2   | 0    | 8      | 54     | 0.3       | 3.3     | 1.62  | 88        | 24.0647 | 34.5283 |
| 2009 | 6     | 2   | 0    | 18     | 54     | 0.3       | 3.3     | 1.64  | 87.3      | 24.0647 | 34.8811 |
| 2009 | 6     | 2   | 0    | 28     | 54     | 0.3       | 3.3     | 1.62  | 89.7      | 24.0385 | 34.4197 |
| 2009 | 6     | 2   | 0    | 38     | 54     | 0.3       | 3.3     | 1.62  | 87.7      | 24.0385 | 34.3492 |
| 2009 | 6     | 2   | 0    | 48     | 54     | 0.3       | 3.3     | 1.65  | 87.8      | 24.0385 | 35.0541 |
| 2009 | 6     | 2   | 0    | 58     | 54     | 0.3       | 3.3     | 1.67  | 88.2      | 24.0122 | 35.438  |
| 2009 | 6     | 2   | 1    | 8      | 54     | 0.3       | 3.3     | 1.67  | 87.4      | 24.0122 | 35.438  |
| 2009 | 6     | 2   | 1    | 18     | 54     | 0.3       | 3.3     | 1.65  | 88.9      | 23.986  | 34.9767 |
| 2009 | 6     | 2   | 1    | 28     | 54     | 0.3       | 3.3     | 1.63  | 86.8      | 23.986  | 34.5546 |
| 2009 | 6     | 2   | 1    | 38     | 54     | 0.3       | 3.3     | 1.62  | 88.6      | 23.9598 | 34.3758 |
| 2009 | 6     | 2   | 1    | 48     | 54     | 0.3       | 3.3     | 1.61  | 88.4      | 23.9598 | 34.1651 |
| 2009 | 6     | 2   | 1    | 58     | 54     | 0.3       | 3.3     | 1.61  | 88.4      | 23.9336 | 34.1272 |
| 2009 | 6     | 2   | 2    | 8      | 54     | 0.3       | 3.3     | 1.64  | 88.1      | 23.9073 | 34.7202 |
| 2009 | 6     | 2   | 2    | 18     | 54     | 0.3       | 3.3     | 1.64  | 88.6      | 23.8811 | 34.6817 |
| 2009 | 6     | 2   | 2    | 28     | 54     | 0.3       | 3.3     | 1.67  | 87.5      | 23.8549 | 35.1328 |
| 2009 | 6     | 2   | 2    | 38     | 54     | 0.3       | 3.3     | 1.62  | 88.7      | 23.8024 | 34.0774 |
| 2009 | 6     | 2   | 2    | 48     | 54     | 0.3       | 3.3     | 1.62  | 87.4      | 23.7762 | 33.9    |
| 2009 | 6     | 2   | 2    | 58     | 54     | 0.3       | 3.3     | 1.65  | 87.4      | 23.7762 | 34.5274 |
| 2009 | 6     | 2   | 3    | 8      | 54     | 0.3       | 3.3     | 1.67  | 87.6      | 23.75   | 35.1157 |
| 2009 | 6     | 2   | 3    | 18     | 54     | 0.3       | 3.3     | 1.61  | 89.2      | 23.75   | 33.7229 |
| 2009 | 6     | 2   | 3    | 28     | 54     | 0.3       | 3.3     | 1.67  | 90        | 23.75   | 34.9764 |
| 2009 | 6     | 2   | 3    | 38     | 54     | 0.3       | 3.3     | 1.63  | 87.7      | 23.7237 | 34.0329 |
| 2009 | 6     | 2   | 3    | 48     | 54     | 0.3       | 3.3     | 1.63  | 87.5      | 23.7237 | 34.172  |
| 2009 | 6     | 2   | 3    | 58     | 54     | 0.3       | 3.3     | 1.66  | 88.8      | 23.6975 | 34.7592 |
| 2009 | 6     | 2   | 4    | 8      | 54     | 0.3       | 3.3     | 1.6   | 87.3      | 23.6975 | 33.5085 |
| 2009 | 6     | 2   | 4    | 18     | 54     | 0.3       | 3.3     | 1.65  | 86.9      | 23.6975 | 34.4117 |
| 2009 | 6     | 2   | 4    | 28     | 54     | 0.3       | 3.3     | 1.66  | 87.2      | 23.6713 | 34.7202 |
| 2009 | 6     | 2   | 4    | 38     | 54     | 0.3       | 3.3     | 1.65  | 87.7      | 23.6713 | 34.512  |
| 2009 | 6     | 2   | 4    | 48     | 54     | 0.3       | 3.3     | 1.63  | 87.8      | 23.6713 | 33.9567 |
| 2009 | 6     | 2   | 4    | 58     | 54     | 0.3       | 3.3     | 1.57  | 87        | 23.6451 | 32.7404 |
| 2009 | 6     | 2   | 5    | 8      | 54     | 0.3       | 3.3     | 1.6   | 88.3      | 23.6451 | 33.2948 |
| 2009 | 6     | 2   | 5    | 18     | 54     | 0.3       | 3.3     | 1.58  | 87.1      | 23.6189 | 32.9805 |
| 2009 | 6     | 2   | 5    | 28     | 54     | 0.3       | 3.3     | 1.63  | 87.2      | 23.5927 | 33.8425 |
| 2009 | 6     | 2   | 5    | 38     | 54     | 0.3       | 3.3     | 1.61  | 88        | 23.5664 | 33.3899 |
| 2009 | 6     | 2   | 5    | 48     | 54     | 0.3       | 3.3     | 1.62  | 87.7      | 23.5402 | 33.5593 |
| 2009 | 6     | 2   | 5    | 58     | 54     | 0.3       | 3.3     | 1.6   | 87.3      | 23.514  | 33.2457 |
| 2009 | 6     | 2   | 6    | 8      | 54     | 0.3       | 3.3     | 1.59  | 86.8      | 23.4878 | 32.864  |
| 2009 | 6     | 2   | 6    | 18     | 54     | 0.3       | 3.3     | 1.64  | 87.2      | 23.4616 | 33.9272 |
| 2009 | 6     | 2   | 6    | 28     | 54     | 0.3       | 3.3     | 1.58  | 87        | 23.4616 | 32.7581 |
| 2009 | 6     | 2   | 6    | 38     | 54     | 0.3       | 3.3     | 1.66  | 88.1      | 23.4354 | 34.3698 |
| 2009 | 6     | 2   | 6    | 48     | 54     | 0.3       | 3.3     | 1.67  | 89        | 23.4092 | 34.4681 |
| 2009 | 6     | 2   | 6    | 58     | 54     | 0.3       | 3.3     | 1.69  | 88.2      | 23.4092 | 35.0173 |
| 2009 | 6     | 2   | 7    | 8      | 54     | 0.3       | 3.3     | 1.64  | 86.9      | 23.383  | 33.8121 |
| 2009 | 6     | 2   | 7    | 18     | 54     | 0.3       | 3.3     | 1.61  | 86        | 23.383  | 33.1952 |
| 2009 | 6     | 2   | 7    | 28     | 54     | 0.3       | 3.3     | 1.61  | 88.7      | 23.383  | 33.1952 |
| 2009 | 6     | 2   | 7    | 38     | 54     | 0.3       | 3.3     | 1.63  | 87.2      | 23.3568 | 33.6367 |
| 2009 | 6     | 2   | 7    | 48     | 54     | 0.3       | 3.3     | 1.65  | 86.9      | 23.3568 | 33.9106 |
| 2009 | 6     | 2   | 7    | 58     | 54     | 0.3       | 3.3     | 1.59  | 87.6      | 23.3568 | 32.7468 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 2   | 8    | 8      | 54     | 0.3       | 3.3     | 1.68  | 89        | 23.3305 | 34.6246 |
| 2009 | 6     | 2   | 8    | 18     | 54     | 0.3       | 3.3     | 1.62  | 87.1      | 23.3305 | 33.325  |
| 2009 | 6     | 2   | 8    | 28     | 54     | 0.3       | 3.3     | 1.62  | 87.9      | 23.3305 | 33.3934 |
| 2009 | 6     | 2   | 8    | 38     | 54     | 0.3       | 3.3     | 1.62  | 88.5      | 23.3043 | 33.3554 |
| 2009 | 6     | 2   | 8    | 48     | 54     | 0.3       | 3.3     | 1.63  | 87.3      | 23.2781 | 33.3856 |
| 2009 | 6     | 2   | 8    | 58     | 54     | 0.3       | 3.3     | 1.6   | 86.2      | 23.2781 | 32.7716 |
| 2009 | 6     | 2   | 9    | 8      | 54     | 0.3       | 3.3     | 1.65  | 89.1      | 23.2519 | 33.8247 |
| 2009 | 6     | 2   | 9    | 18     | 54     | 0.3       | 3.3     | 1.61  | 87.2      | 23.2257 | 32.9692 |
| 2009 | 6     | 2   | 9    | 28     | 54     | 0.3       | 3.3     | 1.63  | 88        | 23.1733 | 33.4372 |
| 2009 | 6     | 2   | 9    | 38     | 54     | 0.3       | 3.3     | 1.62  | 88.3      | 23.1471 | 33.1275 |
| 2009 | 6     | 2   | 9    | 48     | 54     | 0.3       | 3.3     | 1.64  | 88.1      | 23.1209 | 33.564  |
| 2009 | 6     | 2   | 9    | 58     | 54     | 0.3       | 3.3     | 1.62  | 88        | 23.1209 | 32.9541 |
| 2009 | 6     | 2   | 10   | 8      | 54     | 0.3       | 3.3     | 1.6   | 87.3      | 23.0948 | 32.5779 |
| 2009 | 6     | 2   | 10   | 18     | 54     | 0.3       | 3.3     | 1.59  | 88.1      | 23.0948 | 32.4425 |
| 2009 | 6     | 2   | 10   | 28     | 54     | 0.3       | 3.3     | 1.61  | 87        | 23.0686 | 32.6756 |
| 2009 | 6     | 2   | 10   | 38     | 54     | 0.3       | 3.3     | 1.65  | 87.3      | 23.0686 | 33.487  |
| 2009 | 6     | 2   | 10   | 48     | 54     | 0.3       | 3.3     | 1.66  | 87.3      | 23.0686 | 33.6898 |
| 2009 | 6     | 2   | 10   | 58     | 54     | 0.3       | 3.3     | 1.61  | 88.4      | 23.0424 | 32.8406 |
| 2009 | 6     | 2   | 11   | 8      | 54     | 0.3       | 3.3     | 1.63  | 86.9      | 23.0424 | 33.0432 |
| 2009 | 6     | 2   | 11   | 18     | 54     | 0.3       | 3.3     | 1.62  | 87        | 23.0424 | 32.8406 |
| 2009 | 6     | 2   | 11   | 28     | 54     | 0.3       | 3.3     | 1.6   | 87.4      | 23.0162 | 32.4656 |
| 2009 | 6     | 2   | 11   | 38     | 54     | 0.3       | 3.3     | 1.59  | 88.7      | 23.0162 | 32.3307 |
| 2009 | 6     | 2   | 11   | 48     | 54     | 0.3       | 3.3     | 1.63  | 88.8      | 22.99   | 33.1693 |
| 2009 | 6     | 2   | 11   | 58     | 54     | 0.3       | 3       | 1.65  | 87.3      | 22.9376 | 33.2945 |
| 2009 | 6     | 2   | 12   | 8      | 54     | 0.3       | 3       | 1.62  | 88        | 22.9376 | 32.6895 |
| 2009 | 6     | 2   | 12   | 18     | 54     | 0.3       | 3       | 1.62  | 86.5      | 22.9114 | 32.6517 |
| 2009 | 6     | 2   | 12   | 28     | 54     | 0.3       | 3       | 1.6   | 86.5      | 22.8853 | 32.2786 |
| 2009 | 6     | 2   | 12   | 38     | 54     | 0.3       | 3       | 1.65  | 87.5      | 22.8591 | 33.1791 |
| 2009 | 6     | 2   | 12   | 48     | 54     | 0.3       | 3       | 1.64  | 87.5      | 22.8591 | 32.9781 |
| 2009 | 6     | 2   | 12   | 58     | 54     | 0.3       | 3       | 1.57  | 86.5      | 22.8329 | 31.6687 |
| 2009 | 6     | 2   | 13   | 8      | 54     | 0.3       | 3       | 1.63  | 88.7      | 22.8067 | 32.8347 |
| 2009 | 6     | 2   | 13   | 18     | 54     | 0.3       | 3       | 1.67  | 88.5      | 22.7805 | 33.531  |
| 2009 | 6     | 2   | 13   | 28     | 54     | 0.3       | 3       | 1.58  | 87.4      | 22.7805 | 31.7286 |
| 2009 | 6     | 2   | 13   | 38     | 54     | 0.3       | 3       | 1.63  | 87.5      | 22.7805 | 32.6631 |
| 2009 | 6     | 2   | 13   | 48     | 54     | 0.3       | 3       | 1.67  | 88.8      | 22.7805 | 33.531  |
| 2009 | 6     | 2   | 13   | 58     | 54     | 0.3       | 3       | 1.63  | 88.5      | 22.7544 | 32.8251 |
| 2009 | 6     | 2   | 14   | 8      | 54     | 0.3       | 3       | 1.63  | 88.4      | 22.7544 | 32.8251 |
| 2009 | 6     | 2   | 14   | 18     | 54     | 0.3       | 3       | 1.61  | 89.2      | 22.7282 | 32.3873 |
| 2009 | 6     | 2   | 14   | 28     | 54     | 0.3       | 3       | 1.61  | 87.7      | 22.7282 | 32.3207 |
| 2009 | 6     | 2   | 14   | 38     | 54     | 0.3       | 3       | 1.58  | 87.5      | 22.702  | 31.6844 |
| 2009 | 6     | 2   | 14   | 48     | 54     | 0.3       | 3       | 1.58  | 88.8      | 22.6497 | 31.6768 |
| 2009 | 6     | 2   | 14   | 58     | 54     | 0.3       | 3       | 1.6   | 86.4      | 22.6235 | 31.8386 |
| 2009 | 6     | 2   | 15   | 8      | 54     | 0.3       | 3       | 1.6   | 86.4      | 22.5973 | 31.9337 |
| 2009 | 6     | 2   | 15   | 18     | 54     | 0.3       | 3       | 1.63  | 88.6      | 22.5712 | 32.4253 |
| 2009 | 6     | 2   | 15   | 28     | 54     | 0.3       | 3       | 1.64  | 87.5      | 22.545  | 32.6515 |
| 2009 | 6     | 2   | 15   | 38     | 54     | 0.3       | 3       | 1.59  | 87.9      | 22.545  | 31.5946 |
| 2009 | 6     | 2   | 15   | 48     | 54     | 0.3       | 3       | 1.56  | 86.4      | 22.5189 | 30.9639 |
| 2009 | 6     | 2   | 15   | 58     | 54     | 0.3       | 3       | 1.59  | 87        | 22.5189 | 31.4915 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 2   | 16   | 8      | 54     | 0.3       | 3       | 1.59  | 88.7      | 22.4927 | 31.6522 |
| 2009 | 6     | 2   | 16   | 18     | 54     | 0.3       | 3       | 1.61  | 89.2      | 22.4927 | 32.0475 |
| 2009 | 6     | 2   | 16   | 28     | 54     | 0.3       | 3       | 1.6   | 88.5      | 22.4927 | 31.7181 |
| 2009 | 6     | 2   | 16   | 38     | 54     | 0.3       | 3       | 1.61  | 86.6      | 22.4666 | 31.8123 |
| 2009 | 6     | 2   | 16   | 48     | 54     | 0.3       | 3       | 1.6   | 88.1      | 22.4666 | 31.7465 |
| 2009 | 6     | 2   | 16   | 58     | 54     | 0.3       | 3       | 1.58  | 87.6      | 22.4666 | 31.2859 |
| 2009 | 6     | 2   | 17   | 8      | 54     | 0.3       | 3       | 1.61  | 88        | 22.4404 | 31.9063 |
| 2009 | 6     | 2   | 17   | 18     | 54     | 0.3       | 3       | 1.6   | 88        | 22.4142 | 31.5404 |
| 2009 | 6     | 2   | 17   | 28     | 54     | 0.3       | 3       | 1.65  | 88.5      | 22.4142 | 32.7224 |
| 2009 | 6     | 2   | 17   | 38     | 54     | 0.3       | 3       | 1.61  | 88.9      | 22.3881 | 31.7654 |
| 2009 | 6     | 2   | 17   | 48     | 54     | 0.3       | 3       | 1.64  | 88.4      | 22.3619 | 32.3175 |
| 2009 | 6     | 2   | 17   | 58     | 54     | 0.3       | 3       | 1.62  | 87        | 22.3358 | 31.8212 |
| 2009 | 6     | 2   | 18   | 8      | 54     | 0.3       | 3       | 1.62  | 89.4      | 22.3097 | 31.8488 |
| 2009 | 6     | 2   | 18   | 18     | 54     | 0.3       | 3       | 1.6   | 88.5      | 22.3358 | 31.494  |
| 2009 | 6     | 2   | 18   | 28     | 54     | 0.3       | 3       | 1.61  | 89.9      | 22.2574 | 31.6429 |
| 2009 | 6     | 2   | 18   | 38     | 54     | 0.3       | 3       | 1.58  | 88        | 22.2574 | 30.9909 |
| 2009 | 6     | 2   | 18   | 48     | 54     | 0.3       | 3       | 1.61  | 88        | 22.2574 | 31.5777 |
| 2009 | 6     | 2   | 18   | 58     | 54     | 0.3       | 3       | 1.63  | 88.8      | 22.2312 | 31.9309 |
| 2009 | 6     | 2   | 19   | 8      | 54     | 0.3       | 3       | 1.61  | 88        | 22.2051 | 31.5026 |
| 2009 | 6     | 2   | 19   | 18     | 54     | 0.3       | 3       | 1.56  | 86.7      | 22.2051 | 30.4621 |
| 2009 | 6     | 2   | 19   | 28     | 54     | 0.3       | 3       | 1.64  | 87.9      | 22.179  | 32.1147 |
| 2009 | 6     | 2   | 19   | 38     | 54     | 0.3       | 3       | 1.59  | 87.6      | 22.179  | 31.0103 |
| 2009 | 6     | 2   | 19   | 48     | 54     | 0.3       | 3       | 1.59  | 87.4      | 22.179  | 31.1402 |
| 2009 | 6     | 2   | 19   | 58     | 54     | 0.3       | 3       | 1.64  | 87.6      | 22.179  | 32.1147 |
| 2009 | 6     | 2   | 20   | 8      | 54     | 0.3       | 3       | 1.6   | 86.9      | 22.1528 | 31.2328 |
| 2009 | 6     | 2   | 20   | 18     | 54     | 0.3       | 3       | 1.6   | 87.8      | 22.1528 | 31.2977 |
| 2009 | 6     | 2   | 20   | 28     | 54     | 0.3       | 3       | 1.59  | 89.6      | 22.1267 | 31.0659 |
| 2009 | 6     | 2   | 20   | 38     | 54     | 0.3       | 3       | 1.6   | 88.3      | 22.1267 | 31.1307 |
| 2009 | 6     | 2   | 20   | 48     | 54     | 0.3       | 3       | 1.59  | 87.5      | 22.1006 | 30.964  |
| 2009 | 6     | 2   | 20   | 58     | 54     | 0.3       | 3       | 1.59  | 89.2      | 22.0744 | 30.927  |
| 2009 | 6     | 2   | 21   | 8      | 54     | 0.3       | 3       | 1.52  | 87.7      | 22.0483 | 29.5343 |
| 2009 | 6     | 2   | 21   | 18     | 54     | 0.3       | 3       | 1.6   | 88        | 22.0483 | 31.1482 |
| 2009 | 6     | 2   | 21   | 28     | 54     | 0.3       | 3       | 1.62  | 89.7      | 22.0222 | 31.4979 |
| 2009 | 6     | 2   | 21   | 38     | 54     | 0.3       | 3       | 1.61  | 88.4      | 21.9961 | 31.2023 |
| 2009 | 6     | 2   | 21   | 48     | 54     | 0.3       | 3       | 1.61  | 86.6      | 21.9699 | 31.1005 |
| 2009 | 6     | 2   | 21   | 58     | 54     | 0.3       | 3       | 1.55  | 87.9      | 21.9438 | 30.035  |
| 2009 | 6     | 2   | 22   | 8      | 54     | 0.3       | 3       | 1.57  | 88.1      | 21.9438 | 30.4204 |
| 2009 | 6     | 2   | 22   | 18     | 54     | 0.3       | 3       | 1.62  | 87.1      | 21.9177 | 31.282  |
| 2009 | 6     | 2   | 22   | 28     | 54     | 0.3       | 3       | 1.58  | 87.6      | 21.9177 | 30.5118 |
| 2009 | 6     | 2   | 22   | 38     | 54     | 0.3       | 3       | 1.61  | 88.1      | 21.9177 | 31.0895 |
| 2009 | 6     | 2   | 22   | 48     | 54     | 0.3       | 3       | 1.56  | 86.5      | 21.8916 | 30.1541 |
| 2009 | 6     | 2   | 22   | 58     | 54     | 0.3       | 3       | 1.61  | 88.8      | 21.8916 | 31.0515 |
| 2009 | 6     | 2   | 23   | 8      | 54     | 0.3       | 3       | 1.6   | 88        | 21.8655 | 30.7574 |
| 2009 | 6     | 2   | 23   | 18     | 54     | 0.3       | 3       | 1.61  | 89.4      | 21.8655 | 31.0776 |
| 2009 | 6     | 2   | 23   | 28     | 54     | 0.3       | 3       | 1.56  | 87.7      | 21.8655 | 29.9892 |
| 2009 | 6     | 2   | 23   | 38     | 54     | 0.3       | 3       | 1.62  | 88.8      | 21.8394 | 31.2315 |
| 2009 | 6     | 2   | 23   | 48     | 54     | 0.3       | 3       | 1.62  | 88        | 21.8394 | 31.2315 |
| 2009 | 6     | 2   | 23   | 58     | 54     | 0.3       | 3       | 1.65  | 88.7      | 21.8133 | 31.7044 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 3   | 0    | 8      | 54     | 0.3       | 3       | 1.57  | 88.8      | 21.8133 | 30.2351 |
| 2009 | 6     | 3   | 0    | 18     | 54     | 0.3       | 3       | 1.61  | 88        | 21.7611 | 30.9256 |
| 2009 | 6     | 3   | 0    | 28     | 54     | 0.3       | 3       | 1.62  | 88.5      | 21.7611 | 31.053  |
| 2009 | 6     | 3   | 0    | 38     | 54     | 0.3       | 3       | 1.62  | 88        | 21.735  | 31.0149 |
| 2009 | 6     | 3   | 0    | 48     | 54     | 0.3       | 3       | 1.59  | 86.5      | 21.7089 | 30.4682 |
| 2009 | 6     | 3   | 0    | 58     | 54     | 0.3       | 3       | 1.55  | 88.3      | 21.6828 | 29.6691 |
| 2009 | 6     | 3   | 1    | 8      | 54     | 0.3       | 3       | 1.53  | 86.9      | 21.6567 | 29.1255 |
| 2009 | 6     | 3   | 1    | 18     | 54     | 0.3       | 3       | 1.59  | 88.3      | 21.6567 | 30.3932 |
| 2009 | 6     | 3   | 1    | 28     | 54     | 0.3       | 3       | 1.58  | 87        | 21.6306 | 30.0391 |
| 2009 | 6     | 3   | 1    | 38     | 54     | 0.3       | 3       | 1.6   | 87.4      | 21.6045 | 30.5079 |
| 2009 | 6     | 3   | 1    | 48     | 54     | 0.3       | 3       | 1.55  | 88.8      | 21.6045 | 29.4329 |
| 2009 | 6     | 3   | 1    | 58     | 54     | 0.3       | 3       | 1.59  | 88.6      | 21.5784 | 30.2175 |
| 2009 | 6     | 3   | 2    | 8      | 54     | 0.3       | 3       | 1.61  | 88.5      | 21.5784 | 30.6597 |
| 2009 | 6     | 3   | 2    | 18     | 54     | 0.3       | 3       | 1.59  | 87.5      | 21.5784 | 30.2807 |
| 2009 | 6     | 3   | 2    | 28     | 54     | 0.3       | 3       | 1.61  | 87.5      | 21.5523 | 30.4956 |
| 2009 | 6     | 3   | 2    | 38     | 54     | 0.3       | 3       | 1.59  | 88.7      | 21.5523 | 30.2432 |
| 2009 | 6     | 3   | 2    | 48     | 54     | 0.3       | 3       | 1.63  | 86.3      | 21.5523 | 30.8742 |
| 2009 | 6     | 3   | 2    | 58     | 54     | 0.3       | 3       | 1.63  | 90.3      | 21.5263 | 30.8989 |
| 2009 | 6     | 3   | 3    | 8      | 54     | 0.3       | 3       | 1.58  | 88.6      | 21.5263 | 29.9537 |
| 2009 | 6     | 3   | 3    | 18     | 54     | 0.3       | 3       | 1.63  | 88.5      | 21.5263 | 30.8989 |
| 2009 | 6     | 3   | 3    | 28     | 54     | 0.3       | 3       | 1.62  | 88.7      | 21.5002 | 30.7347 |
| 2009 | 6     | 3   | 3    | 38     | 54     | 0.3       | 3       | 1.61  | 89.9      | 21.5002 | 30.4829 |
| 2009 | 6     | 3   | 3    | 48     | 54     | 0.3       | 3       | 1.58  | 88.4      | 21.4741 | 29.8165 |
| 2009 | 6     | 3   | 3    | 58     | 54     | 0.3       | 3       | 1.59  | 88.5      | 21.4741 | 30.0679 |
| 2009 | 6     | 3   | 4    | 8      | 54     | 0.3       | 3       | 1.6   | 87.9      | 21.448  | 30.2816 |
| 2009 | 6     | 3   | 4    | 18     | 54     | 0.3       | 3       | 1.61  | 88        | 21.422  | 30.4321 |
| 2009 | 6     | 3   | 4    | 28     | 54     | 0.3       | 3       | 1.59  | 87.4      | 21.3959 | 29.9558 |
| 2009 | 6     | 3   | 4    | 38     | 54     | 0.3       | 3       | 1.64  | 89        | 21.3698 | 30.8567 |
| 2009 | 6     | 3   | 4    | 48     | 54     | 0.3       | 3       | 1.66  | 89.8      | 21.3438 | 31.2556 |
| 2009 | 6     | 3   | 4    | 58     | 54     | 0.3       | 3       | 1.62  | 87.7      | 21.3177 | 30.4052 |
| 2009 | 6     | 3   | 5    | 8      | 54     | 0.3       | 3       | 1.61  | 89.4      | 21.2917 | 30.3048 |
| 2009 | 6     | 3   | 5    | 18     | 54     | 0.3       | 3       | 1.62  | 88.1      | 21.2656 | 30.4536 |
| 2009 | 6     | 3   | 5    | 28     | 54     | 0.3       | 3       | 1.6   | 89.1      | 21.2656 | 30.0801 |
| 2009 | 6     | 3   | 5    | 38     | 54     | 0.3       | 3       | 1.6   | 87.6      | 21.2656 | 29.8934 |
| 2009 | 6     | 3   | 5    | 48     | 54     | 0.3       | 3       | 1.6   | 88        | 21.2396 | 29.9181 |
| 2009 | 6     | 3   | 5    | 58     | 54     | 0.3       | 3       | 1.62  | 88.5      | 21.2396 | 30.4154 |
| 2009 | 6     | 3   | 6    | 8      | 54     | 0.3       | 3       | 1.59  | 87.6      | 21.2135 | 29.7563 |
| 2009 | 6     | 3   | 6    | 18     | 54     | 0.3       | 3       | 1.62  | 87.8      | 21.2135 | 30.253  |
| 2009 | 6     | 3   | 6    | 28     | 54     | 0.3       | 3       | 1.63  | 87.2      | 21.2135 | 30.4392 |
| 2009 | 6     | 3   | 6    | 38     | 54     | 0.3       | 3       | 1.55  | 89.1      | 21.2135 | 28.8874 |
| 2009 | 6     | 3   | 6    | 48     | 54     | 0.3       | 3       | 1.63  | 89.1      | 21.1875 | 30.401  |
| 2009 | 6     | 3   | 6    | 58     | 54     | 0.3       | 3       | 1.57  | 88.9      | 21.1875 | 29.223  |
| 2009 | 6     | 3   | 7    | 8      | 54     | 0.3       | 3       | 1.61  | 87.9      | 21.1875 | 30.0909 |
| 2009 | 6     | 3   | 7    | 18     | 54     | 0.3       | 3       | 1.57  | 86.6      | 21.1614 | 29.2481 |
| 2009 | 6     | 3   | 7    | 28     | 54     | 0.3       | 3       | 1.6   | 88.5      | 21.1614 | 29.8673 |
| 2009 | 6     | 3   | 7    | 38     | 54     | 0.3       | 3       | 1.61  | 88.7      | 21.1354 | 30.077  |
| 2009 | 6     | 3   | 7    | 48     | 54     | 0.3       | 3       | 1.59  | 88        | 21.1093 | 29.5449 |
| 2009 | 6     | 3   | 7    | 58     | 54     | 0.3       | 3       | 1.62  | 88.5      | 21.0833 | 30.0628 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 3   | 8    | 8      | 54     | 0.3       | 3       | 1.58  | 88.2      | 21.0573 | 29.2239 |
| 2009 | 6     | 3   | 8    | 18     | 54     | 0.3       | 3       | 1.61  | 87.7      | 21.0573 | 29.9016 |
| 2009 | 6     | 3   | 8    | 28     | 54     | 0.3       | 3       | 1.6   | 87.8      | 21.0052 | 29.5801 |
| 2009 | 6     | 3   | 8    | 38     | 54     | 0.3       | 3       | 1.57  | 87.8      | 20.9792 | 28.9902 |
| 2009 | 6     | 3   | 8    | 48     | 54     | 0.3       | 3       | 1.59  | 88        | 20.9532 | 29.2598 |
| 2009 | 6     | 3   | 8    | 58     | 54     | 0.3       | 3       | 1.65  | 89.7      | 20.9532 | 30.4247 |
| 2009 | 6     | 3   | 9    | 8      | 54     | 0.3       | 3       | 1.59  | 88.5      | 20.9271 | 29.2226 |
| 2009 | 6     | 3   | 9    | 18     | 54     | 0.3       | 3       | 1.58  | 88        | 20.9271 | 29.1002 |
| 2009 | 6     | 3   | 9    | 28     | 54     | 0.3       | 3       | 1.56  | 88.7      | 20.9271 | 28.733  |
| 2009 | 6     | 3   | 9    | 38     | 54     | 0.3       | 3       | 1.57  | 87.7      | 20.9271 | 28.8554 |
| 2009 | 6     | 3   | 9    | 48     | 54     | 0.3       | 3       | 1.62  | 89.3      | 20.9011 | 29.7969 |
| 2009 | 6     | 3   | 9    | 58     | 54     | 0.3       | 3       | 1.57  | 89.5      | 20.9011 | 28.8798 |
| 2009 | 6     | 3   | 10   | 8      | 54     | 0.3       | 3       | 1.61  | 88.8      | 20.8751 | 29.6979 |
| 2009 | 6     | 3   | 10   | 18     | 54     | 0.3       | 3       | 1.62  | 88.5      | 20.8751 | 29.82   |
| 2009 | 6     | 3   | 10   | 28     | 54     | 0.3       | 3       | 1.6   | 87.9      | 20.8751 | 29.3314 |
| 2009 | 6     | 3   | 10   | 38     | 54     | 0.3       | 3       | 1.58  | 88.7      | 20.8491 | 29.0501 |
| 2009 | 6     | 3   | 10   | 48     | 54     | 0.3       | 3       | 1.6   | 88.5      | 20.8491 | 29.294  |
| 2009 | 6     | 3   | 10   | 58     | 54     | 0.3       | 3       | 1.58  | 90.7      | 20.8491 | 29.1111 |
| 2009 | 6     | 3   | 11   | 8      | 54     | 0.3       | 3       | 1.6   | 88.9      | 20.8231 | 29.3175 |
| 2009 | 6     | 3   | 11   | 18     | 54     | 0.3       | 3       | 1.59  | 88.3      | 20.8231 | 29.1348 |
| 2009 | 6     | 3   | 11   | 28     | 54     | 0.3       | 3       | 1.63  | 88.7      | 20.7971 | 29.8276 |
| 2009 | 6     | 3   | 11   | 38     | 54     | 0.3       | 3       | 1.61  | 89.5      | 20.7711 | 29.5464 |
| 2009 | 6     | 3   | 11   | 48     | 54     | 0.3       | 3       | 1.63  | 89.7      | 20.7711 | 29.8502 |
| 2009 | 6     | 3   | 11   | 58     | 54     | 0.3       | 3       | 1.56  | 89.2      | 20.7191 | 28.5011 |
| 2009 | 6     | 3   | 12   | 8      | 54     | 0.3       | 3       | 1.62  | 89.1      | 20.7191 | 29.5919 |
| 2009 | 6     | 3   | 12   | 18     | 54     | 0.3       | 3       | 1.62  | 88.5      | 20.6931 | 29.6144 |
| 2009 | 6     | 3   | 12   | 28     | 54     | 0.3       | 3       | 1.6   | 88.8      | 20.6411 | 29.0553 |
| 2009 | 6     | 3   | 12   | 38     | 54     | 0.3       | 3       | 1.64  | 90        | 20.6411 | 29.9005 |
| 2009 | 6     | 3   | 12   | 48     | 54     | 0.3       | 3       | 1.56  | 88.7      | 20.6151 | 28.3547 |
| 2009 | 6     | 3   | 12   | 58     | 54     | 0.3       | 3       | 1.62  | 88.1      | 20.6151 | 29.3796 |
| 2009 | 6     | 3   | 13   | 8      | 54     | 0.3       | 3       | 1.55  | 87.7      | 20.5892 | 28.0172 |
| 2009 | 6     | 3   | 13   | 18     | 54     | 0.3       | 3       | 1.55  | 89.6      | 20.5892 | 28.1376 |
| 2009 | 6     | 3   | 13   | 28     | 54     | 0.3       | 3       | 1.59  | 89.4      | 20.5892 | 28.86   |
| 2009 | 6     | 3   | 13   | 38     | 54     | 0.3       | 3       | 1.58  | 89.4      | 20.5632 | 28.6423 |
| 2009 | 6     | 3   | 13   | 48     | 54     | 0.3       | 3       | 1.61  | 88.2      | 20.5632 | 29.1234 |
| 2009 | 6     | 3   | 13   | 58     | 54     | 0.3       | 3       | 1.6   | 88.5      | 20.5632 | 29.0031 |
| 2009 | 6     | 3   | 14   | 8      | 54     | 0.3       | 3       | 1.58  | 88.7      | 20.5372 | 28.6053 |
| 2009 | 6     | 3   | 14   | 18     | 54     | 0.3       | 3       | 1.62  | 88        | 20.5372 | 29.3259 |
| 2009 | 6     | 3   | 14   | 28     | 54     | 0.3       | 3       | 1.55  | 86.8      | 20.5372 | 28.0048 |
| 2009 | 6     | 3   | 14   | 38     | 54     | 0.3       | 3       | 1.58  | 87.1      | 20.5112 | 28.5083 |
| 2009 | 6     | 3   | 14   | 48     | 54     | 0.3       | 3       | 1.55  | 89.8      | 20.5112 | 27.9686 |
| 2009 | 6     | 3   | 14   | 58     | 54     | 0.3       | 3       | 1.58  | 87.9      | 20.4853 | 28.4713 |
| 2009 | 6     | 3   | 15   | 8      | 54     | 0.3       | 3       | 1.52  | 86.8      | 20.4593 | 27.4177 |
| 2009 | 6     | 3   | 15   | 18     | 54     | 0.3       | 3       | 1.57  | 88.2      | 20.4593 | 28.3147 |
| 2009 | 6     | 3   | 15   | 28     | 54     | 0.3       | 3       | 1.58  | 88        | 20.4333 | 28.3377 |
| 2009 | 6     | 3   | 15   | 38     | 54     | 0.3       | 3       | 1.61  | 88.7      | 20.4074 | 28.9572 |
| 2009 | 6     | 3   | 15   | 48     | 54     | 0.3       | 3       | 1.57  | 87.6      | 20.4074 | 28.2412 |
| 2009 | 6     | 3   | 15   | 58     | 54     | 0.3       | 3       | 1.56  | 88.4      | 20.3814 | 27.9066 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 3   | 16   | 8      | 54     | 0.3       | 2.6     | 1.58  | 87.6      | 20.3295 | 28.1903 |
| 2009 | 6     | 3   | 16   | 18     | 54     | 0.3       | 2.6     | 1.6   | 87.4      | 20.3295 | 28.6658 |
| 2009 | 6     | 3   | 16   | 28     | 54     | 0.3       | 2.6     | 1.59  | 88        | 20.3295 | 28.4281 |
| 2009 | 6     | 3   | 16   | 38     | 54     | 0.3       | 2.6     | 1.59  | 86.9      | 20.3295 | 28.4875 |
| 2009 | 6     | 3   | 16   | 48     | 54     | 0.3       | 2.6     | 1.52  | 87.2      | 20.3295 | 27.2397 |
| 2009 | 6     | 3   | 16   | 58     | 54     | 0.3       | 2.6     | 1.58  | 87.5      | 20.3295 | 28.2498 |
| 2009 | 6     | 3   | 17   | 8      | 54     | 0.3       | 2.6     | 1.59  | 88        | 20.3295 | 28.4281 |
| 2009 | 6     | 3   | 17   | 18     | 54     | 0.3       | 2.6     | 1.62  | 88.5      | 20.3036 | 29.0439 |
| 2009 | 6     | 3   | 17   | 28     | 54     | 0.3       | 2.6     | 1.56  | 87.1      | 20.3036 | 27.8568 |
| 2009 | 6     | 3   | 17   | 38     | 54     | 0.3       | 2.6     | 1.56  | 87.6      | 20.3036 | 27.8568 |
| 2009 | 6     | 3   | 17   | 48     | 54     | 0.3       | 2.6     | 1.58  | 86.9      | 20.3036 | 28.2129 |
| 2009 | 6     | 3   | 17   | 58     | 54     | 0.3       | 2.6     | 1.6   | 87.4      | 20.2776 | 28.4723 |
| 2009 | 6     | 3   | 18   | 8      | 54     | 0.3       | 2.6     | 1.58  | 88        | 20.2776 | 28.2352 |
| 2009 | 6     | 3   | 18   | 18     | 54     | 0.3       | 2.6     | 1.57  | 87.1      | 20.2776 | 27.9982 |
| 2009 | 6     | 3   | 18   | 28     | 54     | 0.3       | 2.6     | 1.61  | 88.8      | 20.2776 | 28.7095 |
| 2009 | 6     | 3   | 18   | 38     | 54     | 0.3       | 2.6     | 1.58  | 87        | 20.2776 | 28.1167 |
| 2009 | 6     | 3   | 18   | 48     | 54     | 0.3       | 2.6     | 1.63  | 89.1      | 20.2517 | 29.0864 |
| 2009 | 6     | 3   | 18   | 58     | 54     | 0.3       | 2.6     | 1.6   | 88.9      | 20.2517 | 28.4943 |
| 2009 | 6     | 3   | 19   | 8      | 54     | 0.3       | 2.6     | 1.6   | 89.3      | 20.2517 | 28.6127 |
| 2009 | 6     | 3   | 19   | 18     | 54     | 0.3       | 2.6     | 1.55  | 87.6      | 20.2517 | 27.6064 |
| 2009 | 6     | 3   | 19   | 28     | 54     | 0.3       | 2.6     | 1.58  | 86.8      | 20.2258 | 28.1613 |
| 2009 | 6     | 3   | 19   | 38     | 54     | 0.3       | 2.6     | 1.6   | 88.5      | 20.2258 | 28.516  |
| 2009 | 6     | 3   | 19   | 48     | 54     | 0.3       | 2.6     | 1.58  | 88.8      | 20.2258 | 28.1613 |
| 2009 | 6     | 3   | 19   | 58     | 54     | 0.3       | 2.6     | 1.6   | 88.8      | 20.1998 | 28.4786 |
| 2009 | 6     | 3   | 20   | 8      | 54     | 0.3       | 2.6     | 1.57  | 89.3      | 20.1998 | 27.8882 |
| 2009 | 6     | 3   | 20   | 18     | 54     | 0.3       | 2.6     | 1.6   | 88.1      | 20.1739 | 28.4412 |
| 2009 | 6     | 3   | 20   | 28     | 54     | 0.3       | 2.6     | 1.58  | 88.3      | 20.1739 | 27.9695 |
| 2009 | 6     | 3   | 20   | 38     | 54     | 0.3       | 2.6     | 1.59  | 88.5      | 20.148  | 28.1094 |
| 2009 | 6     | 3   | 20   | 48     | 54     | 0.3       | 2.6     | 1.57  | 87.6      | 20.1221 | 27.8371 |
| 2009 | 6     | 3   | 20   | 58     | 54     | 0.3       | 2.6     | 1.58  | 87.7      | 20.1221 | 27.8959 |
| 2009 | 6     | 3   | 21   | 8      | 54     | 0.3       | 2.6     | 1.57  | 87.1      | 20.0702 | 27.7637 |
| 2009 | 6     | 3   | 21   | 18     | 54     | 0.3       | 2.6     | 1.6   | 88        | 20.0702 | 28.2916 |
| 2009 | 6     | 3   | 21   | 28     | 54     | 0.3       | 2.6     | 1.58  | 88.8      | 20.0184 | 27.9244 |
| 2009 | 6     | 3   | 21   | 38     | 54     | 0.3       | 2.6     | 1.59  | 88.8      | 20.0184 | 28.0414 |
| 2009 | 6     | 3   | 21   | 48     | 54     | 0.3       | 2.6     | 1.59  | 87.4      | 19.9925 | 27.9458 |
| 2009 | 6     | 3   | 21   | 58     | 54     | 0.3       | 2.6     | 1.58  | 86.8      | 19.9925 | 27.7705 |
| 2009 | 6     | 3   | 22   | 8      | 54     | 0.3       | 2.6     | 1.55  | 88.5      | 19.9925 | 27.1864 |
| 2009 | 6     | 3   | 22   | 18     | 54     | 0.3       | 2.6     | 1.55  | 87.2      | 19.9925 | 27.3032 |
| 2009 | 6     | 3   | 22   | 28     | 54     | 0.3       | 2.6     | 1.55  | 88.2      | 19.9666 | 27.267  |
| 2009 | 6     | 3   | 22   | 38     | 54     | 0.3       | 2.6     | 1.62  | 89.4      | 19.9666 | 28.5507 |
| 2009 | 6     | 3   | 22   | 48     | 54     | 0.3       | 2.6     | 1.58  | 89.2      | 19.9407 | 27.8134 |
| 2009 | 6     | 3   | 22   | 58     | 54     | 0.3       | 2.6     | 1.57  | 85.7      | 19.9407 | 27.4056 |
| 2009 | 6     | 3   | 23   | 8      | 54     | 0.3       | 2.6     | 1.57  | 88        | 19.9407 | 27.4639 |
| 2009 | 6     | 3   | 23   | 18     | 54     | 0.3       | 2.6     | 1.59  | 88.2      | 19.9407 | 27.93   |
| 2009 | 6     | 3   | 23   | 28     | 54     | 0.3       | 2.6     | 1.52  | 86.5      | 19.9148 | 26.613  |
| 2009 | 6     | 3   | 23   | 38     | 54     | 0.3       | 2.6     | 1.57  | 88.8      | 19.9148 | 27.4274 |
| 2009 | 6     | 3   | 23   | 48     | 54     | 0.3       | 2.6     | 1.57  | 88.7      | 19.9148 | 27.4855 |
| 2009 | 6     | 3   | 23   | 58     | 54     | 0.3       | 2.6     | 1.56  | 88.3      | 19.9148 | 27.3692 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 4   | 0    | 8      | 54     | 0.3       | 2.6     | 1.6   | 88.4      | 19.8889 | 28.0882 |
| 2009 | 6     | 4   | 0    | 18     | 54     | 0.3       | 2.6     | 1.55  | 86.6      | 19.8889 | 27.0423 |
| 2009 | 6     | 4   | 0    | 28     | 54     | 0.3       | 2.6     | 1.56  | 88.4      | 19.8889 | 27.2166 |
| 2009 | 6     | 4   | 0    | 38     | 54     | 0.3       | 2.6     | 1.58  | 89.2      | 19.863  | 27.7026 |
| 2009 | 6     | 4   | 0    | 48     | 54     | 0.3       | 2.6     | 1.54  | 87.1      | 19.863  | 26.9482 |
| 2009 | 6     | 4   | 0    | 58     | 54     | 0.3       | 2.6     | 1.6   | 87.6      | 19.863  | 27.8767 |
| 2009 | 6     | 4   | 1    | 8      | 54     | 0.3       | 2.6     | 1.56  | 87.8      | 19.8371 | 27.202  |
| 2009 | 6     | 4   | 1    | 18     | 54     | 0.3       | 2.6     | 1.59  | 88.2      | 19.8113 | 27.6287 |
| 2009 | 6     | 4   | 1    | 28     | 54     | 0.3       | 2.6     | 1.58  | 89        | 19.8113 | 27.5708 |
| 2009 | 6     | 4   | 1    | 38     | 54     | 0.3       | 2.6     | 1.61  | 87.3      | 19.7854 | 28.0543 |
| 2009 | 6     | 4   | 1    | 48     | 54     | 0.3       | 2.6     | 1.56  | 88        | 19.7595 | 27.0931 |
| 2009 | 6     | 4   | 1    | 58     | 54     | 0.3       | 2.6     | 1.58  | 87        | 19.7336 | 27.4027 |
| 2009 | 6     | 4   | 2    | 8      | 54     | 0.3       | 2.6     | 1.58  | 87.4      | 19.7078 | 27.3083 |
| 2009 | 6     | 4   | 2    | 18     | 54     | 0.3       | 2.6     | 1.57  | 87.4      | 19.6819 | 27.0992 |
| 2009 | 6     | 4   | 2    | 28     | 54     | 0.3       | 2.6     | 1.56  | 88.1      | 19.6819 | 27.0417 |
| 2009 | 6     | 4   | 2    | 38     | 54     | 0.3       | 2.6     | 1.62  | 88.1      | 19.6561 | 28.039  |
| 2009 | 6     | 4   | 2    | 48     | 54     | 0.3       | 2.6     | 1.61  | 88.4      | 19.6561 | 27.8667 |
| 2009 | 6     | 4   | 2    | 58     | 54     | 0.3       | 2.6     | 1.57  | 87        | 19.6561 | 27.0628 |
| 2009 | 6     | 4   | 3    | 8      | 54     | 0.3       | 2.6     | 1.54  | 86.6      | 19.6302 | 26.5678 |
| 2009 | 6     | 4   | 3    | 18     | 54     | 0.3       | 2.6     | 1.61  | 88.6      | 19.6302 | 27.7718 |
| 2009 | 6     | 4   | 3    | 28     | 54     | 0.3       | 2.6     | 1.55  | 86.1      | 19.6302 | 26.7397 |
| 2009 | 6     | 4   | 3    | 38     | 54     | 0.3       | 2.6     | 1.59  | 87.6      | 19.6044 | 27.448  |
| 2009 | 6     | 4   | 3    | 48     | 54     | 0.3       | 2.6     | 1.62  | 88.3      | 19.6044 | 27.9062 |
| 2009 | 6     | 4   | 3    | 58     | 54     | 0.3       | 2.6     | 1.57  | 88        | 19.6044 | 27.1045 |
| 2009 | 6     | 4   | 4    | 8      | 54     | 0.3       | 2.6     | 1.54  | 87.9      | 19.5785 | 26.5533 |
| 2009 | 6     | 4   | 4    | 18     | 54     | 0.3       | 2.6     | 1.57  | 86.9      | 19.5785 | 27.0679 |
| 2009 | 6     | 4   | 4    | 28     | 54     | 0.3       | 2.6     | 1.61  | 86.4      | 19.5785 | 27.7542 |
| 2009 | 6     | 4   | 4    | 38     | 54     | 0.3       | 2.6     | 1.6   | 88        | 19.5785 | 27.5826 |
| 2009 | 6     | 4   | 4    | 48     | 54     | 0.3       | 2.6     | 1.61  | 88.2      | 19.5527 | 27.6596 |
| 2009 | 6     | 4   | 4    | 58     | 54     | 0.3       | 2.6     | 1.58  | 87.6      | 19.5527 | 27.1456 |
| 2009 | 6     | 4   | 5    | 8      | 54     | 0.3       | 2.6     | 1.61  | 88.8      | 19.5527 | 27.6596 |
| 2009 | 6     | 4   | 5    | 18     | 54     | 0.3       | 2.6     | 1.57  | 88.8      | 19.5527 | 26.9742 |
| 2009 | 6     | 4   | 5    | 28     | 54     | 0.3       | 2.6     | 1.6   | 89.4      | 19.5268 | 27.5081 |
| 2009 | 6     | 4   | 5    | 38     | 54     | 0.3       | 2.6     | 1.63  | 88.5      | 19.5268 | 27.9645 |
| 2009 | 6     | 4   | 5    | 48     | 54     | 0.3       | 2.6     | 1.56  | 88        | 19.5268 | 26.8237 |
| 2009 | 6     | 4   | 5    | 58     | 54     | 0.3       | 2.6     | 1.6   | 88.6      | 19.501  | 27.4139 |
| 2009 | 6     | 4   | 6    | 8      | 54     | 0.3       | 2.6     | 1.58  | 88.1      | 19.501  | 27.0152 |
| 2009 | 6     | 4   | 6    | 18     | 54     | 0.3       | 2.6     | 1.57  | 88.8      | 19.501  | 26.9013 |
| 2009 | 6     | 4   | 6    | 28     | 54     | 0.3       | 2.6     | 1.64  | 88.6      | 19.4752 | 28.1733 |
| 2009 | 6     | 4   | 6    | 38     | 54     | 0.3       | 2.6     | 1.61  | 89.2      | 19.4752 | 27.6043 |
| 2009 | 6     | 4   | 6    | 48     | 54     | 0.3       | 2.6     | 1.52  | 88.3      | 19.4752 | 25.9551 |
| 2009 | 6     | 4   | 6    | 58     | 54     | 0.3       | 2.6     | 1.57  | 89.3      | 19.4493 | 26.942  |
| 2009 | 6     | 4   | 7    | 8      | 54     | 0.3       | 2.6     | 1.55  | 88.5      | 19.4493 | 26.5445 |
| 2009 | 6     | 4   | 7    | 18     | 54     | 0.3       | 2.6     | 1.61  | 87.8      | 19.4235 | 27.416  |
| 2009 | 6     | 4   | 7    | 28     | 54     | 0.3       | 2.6     | 1.56  | 87.7      | 19.4235 | 26.6218 |
| 2009 | 6     | 4   | 7    | 38     | 54     | 0.3       | 2.6     | 1.59  | 88        | 19.3719 | 27.1151 |
| 2009 | 6     | 4   | 7    | 48     | 54     | 0.3       | 2.6     | 1.52  | 87.9      | 19.3719 | 25.8143 |
| 2009 | 6     | 4   | 7    | 58     | 54     | 0.3       | 2.6     | 1.58  | 88.9      | 19.3461 | 26.9651 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 4   | 8    | 8      | 54     | 0.3       | 2.6     | 1.59  | 87.8      | 19.3203 | 26.9848 |
| 2009 | 6     | 4   | 8    | 18     | 54     | 0.3       | 2.6     | 1.59  | 89.4      | 19.3203 | 27.0976 |
| 2009 | 6     | 4   | 8    | 28     | 54     | 0.3       | 2.6     | 1.64  | 88.7      | 19.3203 | 27.8312 |
| 2009 | 6     | 4   | 8    | 38     | 54     | 0.3       | 2.6     | 1.64  | 89.1      | 19.2945 | 27.9059 |
| 2009 | 6     | 4   | 8    | 48     | 54     | 0.3       | 2.6     | 1.6   | 89.1      | 19.2945 | 27.1169 |
| 2009 | 6     | 4   | 8    | 58     | 54     | 0.3       | 2.6     | 1.59  | 88.8      | 19.2687 | 26.9673 |
| 2009 | 6     | 4   | 9    | 8      | 54     | 0.3       | 2.6     | 1.6   | 87.2      | 19.2687 | 27.0236 |
| 2009 | 6     | 4   | 9    | 18     | 54     | 0.3       | 2.6     | 1.58  | 89.6      | 19.2687 | 26.7423 |
| 2009 | 6     | 4   | 9    | 28     | 54     | 0.3       | 2.6     | 1.64  | 90        | 19.2687 | 27.7552 |
| 2009 | 6     | 4   | 9    | 38     | 54     | 0.3       | 2.6     | 1.57  | 87.7      | 19.2687 | 26.5735 |
| 2009 | 6     | 4   | 9    | 48     | 54     | 0.3       | 2.6     | 1.55  | 87.5      | 19.2429 | 26.2    |
| 2009 | 6     | 4   | 9    | 58     | 54     | 0.3       | 2.6     | 1.53  | 88.2      | 19.2429 | 25.8069 |
| 2009 | 6     | 4   | 10   | 8      | 54     | 0.3       | 2.6     | 1.57  | 88.7      | 19.2429 | 26.5933 |
| 2009 | 6     | 4   | 10   | 18     | 54     | 0.3       | 2.6     | 1.59  | 88.6      | 19.2429 | 26.9304 |
| 2009 | 6     | 4   | 10   | 28     | 54     | 0.3       | 2.6     | 1.58  | 88.9      | 19.2429 | 26.7618 |
| 2009 | 6     | 4   | 10   | 38     | 54     | 0.3       | 2.6     | 1.6   | 89.2      | 19.2429 | 27.1551 |
| 2009 | 6     | 4   | 10   | 48     | 54     | 0.3       | 2.6     | 1.54  | 89.3      | 19.2429 | 26.0877 |
| 2009 | 6     | 4   | 10   | 58     | 54     | 0.3       | 2.6     | 1.57  | 87.6      | 19.2171 | 26.4446 |
| 2009 | 6     | 4   | 11   | 8      | 54     | 0.3       | 2.6     | 1.56  | 88.9      | 19.2171 | 26.3885 |
| 2009 | 6     | 4   | 11   | 18     | 54     | 0.3       | 2.6     | 1.63  | 88.7      | 19.2171 | 27.5108 |
| 2009 | 6     | 4   | 11   | 28     | 54     | 0.3       | 2.6     | 1.58  | 87.6      | 19.2171 | 26.669  |
| 2009 | 6     | 4   | 11   | 38     | 54     | 0.3       | 2.6     | 1.56  | 89.2      | 19.1913 | 26.3523 |
| 2009 | 6     | 4   | 11   | 48     | 54     | 0.3       | 2.6     | 1.6   | 86.8      | 19.1913 | 27.0247 |
| 2009 | 6     | 4   | 11   | 58     | 54     | 0.3       | 2.6     | 1.6   | 88.8      | 19.1913 | 26.9686 |
| 2009 | 6     | 4   | 12   | 8      | 54     | 0.3       | 2.6     | 1.61  | 87.9      | 19.1913 | 27.1367 |
| 2009 | 6     | 4   | 12   | 18     | 54     | 0.3       | 2.6     | 1.59  | 88.9      | 19.1655 | 26.8196 |
| 2009 | 6     | 4   | 12   | 28     | 54     | 0.3       | 2.6     | 1.58  | 87.3      | 19.1655 | 26.5399 |
| 2009 | 6     | 4   | 12   | 38     | 54     | 0.3       | 2.6     | 1.63  | 89.3      | 19.1397 | 27.3975 |
| 2009 | 6     | 4   | 12   | 48     | 54     | 0.3       | 2.6     | 1.57  | 89.2      | 19.114  | 26.4111 |
| 2009 | 6     | 4   | 12   | 58     | 54     | 0.3       | 2.6     | 1.58  | 88.2      | 19.114  | 26.5226 |
| 2009 | 6     | 4   | 13   | 8      | 54     | 0.3       | 2.6     | 1.58  | 88.8      | 19.114  | 26.4669 |
| 2009 | 6     | 4   | 13   | 18     | 54     | 0.3       | 2.6     | 1.59  | 88.1      | 19.0882 | 26.6532 |
| 2009 | 6     | 4   | 13   | 28     | 54     | 0.3       | 2.6     | 1.58  | 89.1      | 19.0624 | 26.5608 |
| 2009 | 6     | 4   | 13   | 38     | 54     | 0.3       | 2.6     | 1.58  | 89.6      | 19.0624 | 26.5051 |
| 2009 | 6     | 4   | 13   | 48     | 54     | 0.3       | 2.6     | 1.59  | 88.7      | 19.0367 | 26.5241 |
| 2009 | 6     | 4   | 13   | 58     | 54     | 0.3       | 2.6     | 1.59  | 88.5      | 19.0367 | 26.5241 |
| 2009 | 6     | 4   | 14   | 8      | 54     | 0.3       | 2.6     | 1.57  | 88.2      | 19.0109 | 26.2099 |
| 2009 | 6     | 4   | 14   | 18     | 54     | 0.3       | 2.6     | 1.58  | 88.8      | 19.0109 | 26.3209 |
| 2009 | 6     | 4   | 14   | 28     | 54     | 0.3       | 2.6     | 1.59  | 88.6      | 19.0109 | 26.6539 |
| 2009 | 6     | 4   | 14   | 38     | 54     | 0.3       | 2.6     | 1.59  | 88.6      | 19.0109 | 26.6539 |
| 2009 | 6     | 4   | 14   | 48     | 54     | 0.3       | 2.6     | 1.53  | 88.5      | 19.0109 | 25.5996 |
| 2009 | 6     | 4   | 14   | 58     | 54     | 0.3       | 2.6     | 1.56  | 88.3      | 19.0109 | 26.0435 |
| 2009 | 6     | 4   | 15   | 8      | 54     | 0.3       | 2.6     | 1.59  | 88.6      | 18.9851 | 26.4507 |
| 2009 | 6     | 4   | 15   | 18     | 54     | 0.3       | 2.6     | 1.56  | 86.8      | 18.9851 | 26.0628 |
| 2009 | 6     | 4   | 15   | 28     | 54     | 0.3       | 2.6     | 1.56  | 88        | 18.9851 | 26.0628 |
| 2009 | 6     | 4   | 15   | 38     | 54     | 0.3       | 2.6     | 1.56  | 88.3      | 18.9851 | 26.0628 |
| 2009 | 6     | 4   | 15   | 48     | 54     | 0.3       | 2.6     | 1.52  | 86.9      | 18.9594 | 25.3628 |
| 2009 | 6     | 4   | 15   | 58     | 54     | 0.3       | 2.6     | 1.55  | 86.5      | 18.9594 | 25.8053 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 4   | 16   | 8      | 54     | 0.3       | 2.6     | 1.62  | 87        | 18.9594 | 26.9675 |
| 2009 | 6     | 4   | 16   | 18     | 54     | 0.3       | 2.6     | 1.57  | 88.1      | 18.9594 | 26.1926 |
| 2009 | 6     | 4   | 16   | 28     | 54     | 0.3       | 2.6     | 1.61  | 88.3      | 18.9336 | 26.8747 |
| 2009 | 6     | 4   | 16   | 38     | 54     | 0.3       | 2.6     | 1.57  | 87        | 18.9336 | 26.0457 |
| 2009 | 6     | 4   | 16   | 48     | 54     | 0.3       | 2.6     | 1.53  | 86.7      | 18.9336 | 25.4933 |
| 2009 | 6     | 4   | 16   | 58     | 54     | 0.3       | 2.6     | 1.61  | 88.1      | 18.9079 | 26.7822 |
| 2009 | 6     | 4   | 17   | 8      | 54     | 0.3       | 2.6     | 1.56  | 86.7      | 18.9079 | 25.844  |
| 2009 | 6     | 4   | 17   | 18     | 54     | 0.3       | 2.6     | 1.56  | 88.8      | 18.8822 | 25.9182 |
| 2009 | 6     | 4   | 17   | 28     | 54     | 0.3       | 2.6     | 1.61  | 87.9      | 18.8564 | 26.5975 |
| 2009 | 6     | 4   | 17   | 38     | 54     | 0.3       | 2.6     | 1.52  | 87.4      | 18.8564 | 25.1119 |
| 2009 | 6     | 4   | 17   | 48     | 54     | 0.3       | 2.6     | 1.57  | 89.3      | 18.8564 | 26.1022 |
| 2009 | 6     | 4   | 17   | 58     | 54     | 0.3       | 2.6     | 1.61  | 87.7      | 18.8307 | 26.6703 |
| 2009 | 6     | 4   | 18   | 8      | 54     | 0.3       | 2.6     | 1.59  | 88.2      | 18.805  | 26.194  |
| 2009 | 6     | 4   | 18   | 18     | 54     | 0.3       | 2.6     | 1.59  | 88        | 18.805  | 26.3038 |
| 2009 | 6     | 4   | 18   | 28     | 54     | 0.3       | 2.6     | 1.57  | 86.9      | 18.805  | 25.9196 |
| 2009 | 6     | 4   | 18   | 38     | 54     | 0.3       | 2.6     | 1.6   | 88.3      | 18.7793 | 26.3218 |
| 2009 | 6     | 4   | 18   | 48     | 54     | 0.3       | 2.6     | 1.54  | 88.5      | 18.7793 | 25.3902 |
| 2009 | 6     | 4   | 18   | 58     | 54     | 0.3       | 2.6     | 1.48  | 87.3      | 18.7536 | 24.4257 |
| 2009 | 6     | 4   | 19   | 8      | 54     | 0.3       | 2.6     | 1.55  | 88.8      | 18.7536 | 25.5197 |
| 2009 | 6     | 4   | 19   | 18     | 54     | 0.3       | 2.6     | 1.59  | 86.7      | 18.7536 | 26.1216 |
| 2009 | 6     | 4   | 19   | 28     | 54     | 0.3       | 2.6     | 1.58  | 87.3      | 18.7278 | 25.9221 |
| 2009 | 6     | 4   | 19   | 38     | 54     | 0.3       | 2.6     | 1.58  | 88        | 18.7278 | 25.9221 |
| 2009 | 6     | 4   | 19   | 48     | 54     | 0.3       | 2.6     | 1.57  | 87.1      | 18.7278 | 25.8674 |
| 2009 | 6     | 4   | 19   | 58     | 54     | 0.3       | 2.6     | 1.59  | 88.7      | 18.7278 | 26.086  |
| 2009 | 6     | 4   | 20   | 8      | 54     | 0.3       | 2.6     | 1.6   | 89.2      | 18.7278 | 26.3046 |
| 2009 | 6     | 4   | 20   | 18     | 54     | 0.3       | 2.6     | 1.53  | 88.9      | 18.7278 | 25.1571 |
| 2009 | 6     | 4   | 20   | 28     | 54     | 0.3       | 2.6     | 1.53  | 88.7      | 18.7278 | 25.2117 |
| 2009 | 6     | 4   | 20   | 38     | 54     | 0.3       | 2.6     | 1.59  | 88        | 18.7278 | 26.1953 |
| 2009 | 6     | 4   | 20   | 48     | 54     | 0.3       | 2.6     | 1.56  | 89.6      | 18.7278 | 25.7581 |
| 2009 | 6     | 4   | 20   | 58     | 54     | 0.3       | 2.6     | 1.6   | 88.6      | 18.7021 | 26.3233 |
| 2009 | 6     | 4   | 21   | 8      | 54     | 0.3       | 2.6     | 1.58  | 88.6      | 18.7021 | 25.8867 |
| 2009 | 6     | 4   | 21   | 18     | 54     | 0.3       | 2.6     | 1.57  | 87.8      | 18.7021 | 25.723  |
| 2009 | 6     | 4   | 21   | 28     | 54     | 0.3       | 2.6     | 1.59  | 88.8      | 18.7021 | 26.105  |
| 2009 | 6     | 4   | 21   | 38     | 54     | 0.3       | 2.6     | 1.58  | 87.5      | 18.7021 | 25.9958 |
| 2009 | 6     | 4   | 21   | 48     | 54     | 0.3       | 2.6     | 1.59  | 87.4      | 18.7021 | 26.0504 |
| 2009 | 6     | 4   | 21   | 58     | 54     | 0.3       | 2.6     | 1.55  | 87.2      | 18.7021 | 25.3956 |
| 2009 | 6     | 4   | 22   | 8      | 54     | 0.3       | 2.6     | 1.62  | 89.1      | 18.6764 | 26.6144 |
| 2009 | 6     | 4   | 22   | 18     | 54     | 0.3       | 2.6     | 1.59  | 89.6      | 18.6764 | 26.1238 |
| 2009 | 6     | 4   | 22   | 28     | 54     | 0.3       | 2.6     | 1.6   | 89.1      | 18.6764 | 26.3419 |
| 2009 | 6     | 4   | 22   | 38     | 54     | 0.3       | 2.6     | 1.56  | 89.6      | 18.6764 | 25.5788 |
| 2009 | 6     | 4   | 22   | 48     | 54     | 0.3       | 2.6     | 1.61  | 88.6      | 18.6507 | 26.3603 |
| 2009 | 6     | 4   | 22   | 58     | 54     | 0.3       | 2.6     | 1.53  | 87.8      | 18.6764 | 25.1429 |
| 2009 | 6     | 4   | 23   | 8      | 54     | 0.3       | 2.6     | 1.58  | 88        | 18.6764 | 25.9058 |
| 2009 | 6     | 4   | 23   | 18     | 54     | 0.3       | 2.6     | 1.59  | 88.8      | 18.6507 | 26.0337 |
| 2009 | 6     | 4   | 23   | 28     | 54     | 0.3       | 2.6     | 1.61  | 88.8      | 18.6507 | 26.4147 |
| 2009 | 6     | 4   | 23   | 38     | 54     | 0.3       | 2.6     | 1.64  | 89.1      | 18.6507 | 26.9047 |
| 2009 | 6     | 4   | 23   | 48     | 54     | 0.3       | 2.6     | 1.57  | 89.4      | 18.625  | 25.7806 |
| 2009 | 6     | 4   | 23   | 58     | 54     | 0.3       | 2.6     | 1.59  | 89.2      | 18.625  | 26.0524 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 5   | 0    | 8      | 54     | 0.3       | 2.6     | 1.55  | 88.1      | 18.5994 | 25.3653 |
| 2009 | 6     | 5   | 0    | 18     | 54     | 0.3       | 2.6     | 1.58  | 89.1      | 18.5994 | 25.9081 |
| 2009 | 6     | 5   | 0    | 28     | 54     | 0.3       | 2.6     | 1.56  | 88        | 18.5737 | 25.4931 |
| 2009 | 6     | 5   | 0    | 38     | 54     | 0.3       | 2.6     | 1.61  | 88.1      | 18.5737 | 26.1978 |
| 2009 | 6     | 5   | 0    | 48     | 54     | 0.3       | 2.6     | 1.55  | 87.9      | 18.548  | 25.2416 |
| 2009 | 6     | 5   | 0    | 58     | 54     | 0.3       | 2.6     | 1.56  | 87.3      | 18.5223 | 25.369  |
| 2009 | 6     | 5   | 1    | 8      | 54     | 0.3       | 2.6     | 1.59  | 88.8      | 18.5223 | 25.8554 |
| 2009 | 6     | 5   | 1    | 18     | 54     | 0.3       | 2.6     | 1.57  | 87.6      | 18.4967 | 25.5499 |
| 2009 | 6     | 5   | 1    | 28     | 54     | 0.3       | 2.6     | 1.59  | 87.6      | 18.4967 | 25.7658 |
| 2009 | 6     | 5   | 1    | 38     | 54     | 0.3       | 2.6     | 1.55  | 87.9      | 18.4967 | 25.1721 |
| 2009 | 6     | 5   | 1    | 48     | 54     | 0.3       | 2.6     | 1.56  | 87.3      | 18.4967 | 25.334  |
| 2009 | 6     | 5   | 1    | 58     | 54     | 0.3       | 2.6     | 1.58  | 87.9      | 18.471  | 25.5686 |
| 2009 | 6     | 5   | 2    | 8      | 54     | 0.3       | 2.6     | 1.57  | 89.2      | 18.471  | 25.5146 |
| 2009 | 6     | 5   | 2    | 18     | 54     | 0.3       | 2.6     | 1.57  | 85.8      | 18.471  | 25.4607 |
| 2009 | 6     | 5   | 2    | 28     | 54     | 0.3       | 2.6     | 1.58  | 88.9      | 18.4453 | 25.6409 |
| 2009 | 6     | 5   | 2    | 38     | 54     | 0.3       | 2.6     | 1.59  | 88        | 18.4453 | 25.7486 |
| 2009 | 6     | 5   | 2    | 48     | 54     | 0.3       | 2.6     | 1.6   | 88.8      | 18.4453 | 26.0177 |
| 2009 | 6     | 5   | 2    | 58     | 54     | 0.3       | 2.6     | 1.61  | 88.9      | 18.4453 | 26.1254 |
| 2009 | 6     | 5   | 3    | 8      | 54     | 0.3       | 2.6     | 1.54  | 87        | 18.4453 | 24.995  |
| 2009 | 6     | 5   | 3    | 18     | 54     | 0.3       | 2.6     | 1.57  | 88.4      | 18.4453 | 25.4794 |
| 2009 | 6     | 5   | 3    | 28     | 54     | 0.3       | 2.6     | 1.58  | 87.4      | 18.4453 | 25.6409 |
| 2009 | 6     | 5   | 3    | 38     | 54     | 0.3       | 2.6     | 1.6   | 89.3      | 18.4197 | 25.9818 |
| 2009 | 6     | 5   | 3    | 48     | 54     | 0.3       | 2.6     | 1.56  | 88.4      | 18.4197 | 25.1754 |
| 2009 | 6     | 5   | 3    | 58     | 54     | 0.3       | 2.6     | 1.58  | 91.1      | 18.4197 | 25.5517 |
| 2009 | 6     | 5   | 4    | 8      | 54     | 0.3       | 2.6     | 1.59  | 88.8      | 18.4197 | 25.8205 |
| 2009 | 6     | 5   | 4    | 18     | 54     | 0.3       | 2.6     | 1.62  | 86.6      | 18.4197 | 26.1431 |
| 2009 | 6     | 5   | 4    | 28     | 54     | 0.3       | 2.6     | 1.59  | 86.9      | 18.4197 | 25.7129 |
| 2009 | 6     | 5   | 4    | 38     | 54     | 0.3       | 2.6     | 1.61  | 88.5      | 18.4197 | 26.1431 |
| 2009 | 6     | 5   | 4    | 48     | 54     | 0.3       | 2.6     | 1.52  | 88.3      | 18.394  | 24.4966 |
| 2009 | 6     | 5   | 4    | 58     | 54     | 0.3       | 2.6     | 1.57  | 87        | 18.394  | 25.3016 |
| 2009 | 6     | 5   | 5    | 8      | 54     | 0.3       | 2.6     | 1.56  | 88.2      | 18.394  | 25.2479 |
| 2009 | 6     | 5   | 5    | 18     | 54     | 0.3       | 2.6     | 1.55  | 87.1      | 18.394  | 25.0332 |
| 2009 | 6     | 5   | 5    | 28     | 54     | 0.3       | 2.6     | 1.6   | 88.8      | 18.394  | 25.9458 |
| 2009 | 6     | 5   | 5    | 38     | 54     | 0.3       | 2.6     | 1.57  | 88.2      | 18.394  | 25.4089 |
| 2009 | 6     | 5   | 5    | 48     | 54     | 0.3       | 2.6     | 1.59  | 88.5      | 18.3684 | 25.6953 |
| 2009 | 6     | 5   | 5    | 58     | 54     | 0.3       | 2.6     | 1.57  | 88.8      | 18.3684 | 25.3201 |
| 2009 | 6     | 5   | 6    | 8      | 54     | 0.3       | 2.6     | 1.57  | 88.6      | 18.3684 | 25.3201 |
| 2009 | 6     | 5   | 6    | 18     | 54     | 0.3       | 2.6     | 1.58  | 87.6      | 18.3684 | 25.4809 |
| 2009 | 6     | 5   | 6    | 28     | 54     | 0.3       | 2.6     | 1.59  | 87.3      | 18.3684 | 25.5881 |
| 2009 | 6     | 5   | 6    | 38     | 54     | 0.3       | 2.6     | 1.53  | 88.6      | 18.3684 | 24.677  |
| 2009 | 6     | 5   | 6    | 48     | 54     | 0.3       | 2.6     | 1.58  | 88.1      | 18.3684 | 25.4273 |
| 2009 | 6     | 5   | 6    | 58     | 54     | 0.3       | 2.6     | 1.59  | 89.2      | 18.3684 | 25.749  |
| 2009 | 6     | 5   | 7    | 8      | 54     | 0.3       | 2.6     | 1.56  | 88.6      | 18.3427 | 25.1779 |
| 2009 | 6     | 5   | 7    | 18     | 54     | 0.3       | 2.6     | 1.59  | 88.8      | 18.3684 | 25.6417 |
| 2009 | 6     | 5   | 7    | 28     | 54     | 0.3       | 2.6     | 1.5   | 88.6      | 18.3427 | 24.2147 |
| 2009 | 6     | 5   | 7    | 38     | 54     | 0.3       | 2.6     | 1.58  | 88.3      | 18.3427 | 25.4991 |
| 2009 | 6     | 5   | 7    | 48     | 54     | 0.3       | 2.6     | 1.56  | 88.3      | 18.3427 | 25.0708 |
| 2009 | 6     | 5   | 7    | 58     | 54     | 0.3       | 2.6     | 1.56  | 87.5      | 18.3427 | 25.0708 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 5   | 8    | 8      | 54     | 0.3       | 2.6     | 1.55  | 87.8      | 18.3427 | 25.0173 |
| 2009 | 6     | 5   | 8    | 18     | 54     | 0.3       | 2.6     | 1.59  | 87.8      | 18.3427 | 25.6061 |
| 2009 | 6     | 5   | 8    | 28     | 54     | 0.3       | 2.6     | 1.58  | 88        | 18.3427 | 25.392  |
| 2009 | 6     | 5   | 8    | 38     | 54     | 0.3       | 2.6     | 1.53  | 87.9      | 18.3427 | 24.5892 |
| 2009 | 6     | 5   | 8    | 48     | 54     | 0.3       | 2.6     | 1.55  | 87        | 18.3427 | 25.0173 |
| 2009 | 6     | 5   | 8    | 58     | 54     | 0.3       | 2.6     | 1.57  | 89        | 18.3427 | 25.2849 |
| 2009 | 6     | 5   | 9    | 8      | 54     | 0.3       | 2.6     | 1.54  | 88.8      | 18.3427 | 24.8568 |
| 2009 | 6     | 5   | 9    | 18     | 54     | 0.3       | 2.6     | 1.59  | 88.7      | 18.3171 | 25.6775 |
| 2009 | 6     | 5   | 9    | 28     | 54     | 0.3       | 2.6     | 1.62  | 88.7      | 18.3171 | 26.0518 |
| 2009 | 6     | 5   | 9    | 38     | 54     | 0.3       | 2.6     | 1.6   | 88.6      | 18.3171 | 25.7844 |
| 2009 | 6     | 5   | 9    | 48     | 54     | 0.3       | 2.6     | 1.58  | 90.4      | 18.3171 | 25.4102 |
| 2009 | 6     | 5   | 9    | 58     | 54     | 0.3       | 2.6     | 1.55  | 85.8      | 18.3171 | 24.8757 |
| 2009 | 6     | 5   | 10   | 8      | 54     | 0.3       | 2.6     | 1.55  | 87.7      | 18.3171 | 24.9291 |
| 2009 | 6     | 5   | 10   | 18     | 54     | 0.3       | 2.6     | 1.53  | 86.2      | 18.3171 | 24.6085 |
| 2009 | 6     | 5   | 10   | 28     | 54     | 0.3       | 2.6     | 1.57  | 87.7      | 18.3171 | 25.2498 |
| 2009 | 6     | 5   | 10   | 38     | 54     | 0.3       | 2.6     | 1.58  | 89.3      | 18.3171 | 25.4102 |
| 2009 | 6     | 5   | 10   | 48     | 54     | 0.3       | 2.6     | 1.56  | 89.2      | 18.2915 | 25.1079 |
| 2009 | 6     | 5   | 10   | 58     | 54     | 0.3       | 2.6     | 1.58  | 88.8      | 18.2915 | 25.4282 |
| 2009 | 6     | 5   | 11   | 8      | 54     | 0.3       | 2.6     | 1.57  | 89.3      | 18.2915 | 25.3214 |
| 2009 | 6     | 5   | 11   | 18     | 54     | 0.3       | 2.6     | 1.61  | 87.8      | 18.2915 | 25.8553 |
| 2009 | 6     | 5   | 11   | 28     | 54     | 0.3       | 2.6     | 1.6   | 88.2      | 18.2915 | 25.7485 |
| 2009 | 6     | 5   | 11   | 38     | 54     | 0.3       | 2.6     | 1.58  | 88.5      | 18.2915 | 25.4282 |
| 2009 | 6     | 5   | 11   | 48     | 54     | 0.3       | 2.6     | 1.52  | 88.4      | 18.2915 | 24.4141 |
| 2009 | 6     | 5   | 11   | 58     | 54     | 0.3       | 2.6     | 1.53  | 89.3      | 18.2915 | 24.6276 |
| 2009 | 6     | 5   | 12   | 8      | 54     | 0.3       | 2.6     | 1.59  | 89.8      | 18.2915 | 25.6417 |
| 2009 | 6     | 5   | 12   | 18     | 54     | 0.3       | 2.6     | 1.61  | 88.8      | 18.2915 | 25.8553 |
| 2009 | 6     | 5   | 12   | 28     | 54     | 0.3       | 2.6     | 1.59  | 88.8      | 18.2658 | 25.4994 |
| 2009 | 6     | 5   | 12   | 38     | 54     | 0.3       | 2.6     | 1.59  | 87.2      | 18.2658 | 25.4994 |
| 2009 | 6     | 5   | 12   | 48     | 54     | 0.3       | 2.6     | 1.63  | 87.8      | 18.2658 | 26.0859 |
| 2009 | 6     | 5   | 12   | 58     | 54     | 0.3       | 2.6     | 1.61  | 88.2      | 18.2658 | 25.8193 |
| 2009 | 6     | 5   | 13   | 8      | 54     | 0.3       | 2.6     | 1.59  | 88.5      | 18.2402 | 25.4638 |
| 2009 | 6     | 5   | 13   | 18     | 54     | 0.3       | 2.6     | 1.53  | 88.3      | 18.2402 | 24.4525 |
| 2009 | 6     | 5   | 13   | 28     | 54     | 0.3       | 2.6     | 1.6   | 89.3      | 18.2402 | 25.6235 |
| 2009 | 6     | 5   | 13   | 38     | 54     | 0.3       | 2.6     | 1.58  | 90.2      | 18.2146 | 25.3219 |
| 2009 | 6     | 5   | 13   | 48     | 54     | 0.3       | 2.6     | 1.54  | 86.9      | 18.2146 | 24.631  |
| 2009 | 6     | 5   | 13   | 58     | 54     | 0.3       | 2.6     | 1.58  | 89.5      | 18.2146 | 25.3751 |
| 2009 | 6     | 5   | 14   | 8      | 54     | 0.3       | 2.6     | 1.59  | 87.6      | 18.189  | 25.4458 |
| 2009 | 6     | 5   | 14   | 18     | 54     | 0.3       | 2.6     | 1.59  | 90.2      | 18.189  | 25.4458 |
| 2009 | 6     | 5   | 14   | 28     | 54     | 0.3       | 2.6     | 1.54  | 87.6      | 18.189  | 24.5965 |
| 2009 | 6     | 5   | 14   | 38     | 54     | 0.3       | 2.6     | 1.56  | 87.9      | 18.189  | 24.8619 |
| 2009 | 6     | 5   | 14   | 48     | 54     | 0.3       | 2.6     | 1.55  | 88.4      | 18.1634 | 24.6681 |
| 2009 | 6     | 5   | 14   | 58     | 54     | 0.3       | 2.6     | 1.53  | 87.8      | 18.1634 | 24.4561 |
| 2009 | 6     | 5   | 15   | 8      | 54     | 0.3       | 2.6     | 1.54  | 87.1      | 18.1634 | 24.6151 |
| 2009 | 6     | 5   | 15   | 18     | 54     | 0.3       | 2.6     | 1.53  | 88.3      | 18.1634 | 24.4561 |
| 2009 | 6     | 5   | 15   | 28     | 54     | 0.3       | 2.6     | 1.6   | 88.2      | 18.1378 | 25.5334 |
| 2009 | 6     | 5   | 15   | 38     | 54     | 0.3       | 2.6     | 1.61  | 87.2      | 18.1378 | 25.6922 |
| 2009 | 6     | 5   | 15   | 48     | 54     | 0.3       | 2.6     | 1.51  | 85.6      | 18.1378 | 24.0514 |
| 2009 | 6     | 5   | 15   | 58     | 54     | 0.3       | 2.6     | 1.57  | 88        | 18.1378 | 25.0569 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 5   | 16   | 8      | 54     | 0.3       | 2.6     | 1.6   | 89.5      | 18.1378 | 25.5863 |
| 2009 | 6     | 5   | 16   | 18     | 54     | 0.3       | 2.6     | 1.55  | 88.1      | 18.1378 | 24.7393 |
| 2009 | 6     | 5   | 16   | 28     | 54     | 0.3       | 2.6     | 1.58  | 89.6      | 18.1378 | 25.1628 |
| 2009 | 6     | 5   | 16   | 38     | 54     | 0.3       | 2.6     | 1.61  | 89.2      | 18.1378 | 25.6922 |
| 2009 | 6     | 5   | 16   | 48     | 54     | 0.3       | 2.6     | 1.52  | 88        | 18.1378 | 24.2631 |
| 2009 | 6     | 5   | 16   | 58     | 54     | 0.3       | 2.6     | 1.55  | 88.7      | 18.1378 | 24.7393 |
| 2009 | 6     | 5   | 17   | 8      | 54     | 0.3       | 2.6     | 1.57  | 86.6      | 18.1378 | 25.004  |
| 2009 | 6     | 5   | 17   | 18     | 54     | 0.3       | 2.6     | 1.54  | 87.1      | 18.1378 | 24.4747 |
| 2009 | 6     | 5   | 17   | 28     | 54     | 0.3       | 2.6     | 1.54  | 87.7      | 18.1378 | 24.5806 |
| 2009 | 6     | 5   | 17   | 38     | 54     | 0.3       | 2.6     | 1.56  | 87.5      | 18.1378 | 24.7923 |
| 2009 | 6     | 5   | 17   | 48     | 54     | 0.3       | 2.6     | 1.55  | 88.2      | 18.1378 | 24.6335 |
| 2009 | 6     | 5   | 17   | 58     | 54     | 0.3       | 2.6     | 1.6   | 87.6      | 18.1378 | 25.4804 |
| 2009 | 6     | 5   | 18   | 8      | 54     | 0.3       | 2.6     | 1.55  | 89.3      | 18.1378 | 24.7393 |
| 2009 | 6     | 5   | 18   | 18     | 54     | 0.3       | 2.6     | 1.56  | 88.9      | 18.1378 | 24.7923 |
| 2009 | 6     | 5   | 18   | 28     | 54     | 0.3       | 2.6     | 1.61  | 88.9      | 18.1122 | 25.6033 |
| 2009 | 6     | 5   | 18   | 38     | 54     | 0.3       | 2.6     | 1.58  | 88.8      | 18.1122 | 25.1275 |
| 2009 | 6     | 5   | 18   | 48     | 54     | 0.3       | 2.6     | 1.57  | 88.2      | 18.1122 | 24.916  |
| 2009 | 6     | 5   | 18   | 58     | 54     | 0.3       | 2.6     | 1.61  | 88.4      | 18.1378 | 25.7451 |
| 2009 | 6     | 5   | 19   | 8      | 54     | 0.3       | 2.6     | 1.56  | 88.8      | 18.1122 | 24.7575 |
| 2009 | 6     | 5   | 19   | 18     | 54     | 0.3       | 2.6     | 1.54  | 88.4      | 18.1122 | 24.4932 |
| 2009 | 6     | 5   | 19   | 28     | 54     | 0.3       | 2.6     | 1.57  | 87.5      | 18.1122 | 24.916  |
| 2009 | 6     | 5   | 19   | 38     | 54     | 0.3       | 2.6     | 1.53  | 88.4      | 18.1122 | 24.3875 |
| 2009 | 6     | 5   | 19   | 48     | 54     | 0.3       | 2.6     | 1.53  | 87.9      | 18.1122 | 24.3347 |
| 2009 | 6     | 5   | 19   | 58     | 54     | 0.3       | 2.6     | 1.61  | 88        | 18.1122 | 25.5504 |
| 2009 | 6     | 5   | 20   | 8      | 54     | 0.3       | 2.6     | 1.58  | 87.4      | 18.1122 | 25.0746 |
| 2009 | 6     | 5   | 20   | 18     | 54     | 0.3       | 2.6     | 1.54  | 87.6      | 18.1122 | 24.4404 |
| 2009 | 6     | 5   | 20   | 28     | 54     | 0.3       | 2.6     | 1.58  | 87.4      | 18.1122 | 25.1275 |
| 2009 | 6     | 5   | 20   | 38     | 54     | 0.3       | 2.6     | 1.62  | 89.3      | 18.1122 | 25.8148 |
| 2009 | 6     | 5   | 20   | 48     | 54     | 0.3       | 2.6     | 1.55  | 89.2      | 18.1122 | 24.6518 |
| 2009 | 6     | 5   | 20   | 58     | 54     | 0.3       | 2.6     | 1.59  | 89.4      | 18.1122 | 25.3918 |
| 2009 | 6     | 5   | 21   | 8      | 54     | 0.3       | 2.6     | 1.56  | 89.4      | 18.0866 | 24.7754 |
| 2009 | 6     | 5   | 21   | 18     | 54     | 0.3       | 2.6     | 1.6   | 87.9      | 18.0866 | 25.4617 |
| 2009 | 6     | 5   | 21   | 28     | 54     | 0.3       | 2.6     | 1.57  | 87.7      | 18.1122 | 24.9689 |
| 2009 | 6     | 5   | 21   | 38     | 54     | 0.3       | 2.6     | 1.6   | 88.1      | 18.0866 | 25.4617 |
| 2009 | 6     | 5   | 21   | 48     | 54     | 0.3       | 2.6     | 1.56  | 87.5      | 18.1122 | 24.7575 |
| 2009 | 6     | 5   | 21   | 58     | 54     | 0.3       | 2.6     | 1.57  | 88.7      | 18.0866 | 24.9338 |
| 2009 | 6     | 5   | 22   | 8      | 54     | 0.3       | 2.6     | 1.61  | 88.2      | 18.0866 | 25.5673 |
| 2009 | 6     | 5   | 22   | 18     | 54     | 0.3       | 2.6     | 1.58  | 87.5      | 18.0866 | 25.0921 |
| 2009 | 6     | 5   | 22   | 28     | 54     | 0.3       | 2.6     | 1.58  | 88.2      | 18.0866 | 25.0921 |
| 2009 | 6     | 5   | 22   | 38     | 54     | 0.3       | 2.6     | 1.57  | 88.6      | 18.0866 | 24.9866 |
| 2009 | 6     | 5   | 22   | 48     | 54     | 0.3       | 2.6     | 1.58  | 88.5      | 18.0866 | 25.1449 |
| 2009 | 6     | 5   | 22   | 58     | 54     | 0.3       | 2.6     | 1.55  | 87.1      | 18.0866 | 24.6171 |
| 2009 | 6     | 5   | 23   | 8      | 54     | 0.3       | 2.6     | 1.56  | 86.9      | 18.0866 | 24.7227 |
| 2009 | 6     | 5   | 23   | 18     | 54     | 0.3       | 2.6     | 1.52  | 86.9      | 18.0866 | 24.1422 |
| 2009 | 6     | 5   | 23   | 28     | 54     | 0.3       | 2.6     | 1.57  | 87.8      | 18.0866 | 24.9866 |
| 2009 | 6     | 5   | 23   | 38     | 54     | 0.3       | 2.6     | 1.57  | 87.6      | 18.061  | 24.8987 |
| 2009 | 6     | 5   | 23   | 48     | 54     | 0.3       | 2.6     | 1.57  | 89.9      | 18.061  | 24.9514 |
| 2009 | 6     | 5   | 23   | 58     | 54     | 0.3       | 2.6     | 1.61  | 87.8      | 18.061  | 25.584  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 6   | 0    | 8      | 54     | 0.3       | 2.6     | 1.58  | 88.2      | 18.061  | 25.0568 |
| 2009 | 6     | 6   | 0    | 18     | 54     | 0.3       | 2.6     | 1.54  | 88.5      | 18.061  | 24.4771 |
| 2009 | 6     | 6   | 0    | 28     | 54     | 0.3       | 2.6     | 1.53  | 87.4      | 18.061  | 24.2663 |
| 2009 | 6     | 6   | 0    | 38     | 54     | 0.3       | 2.6     | 1.6   | 88.8      | 18.061  | 25.4786 |
| 2009 | 6     | 6   | 0    | 48     | 54     | 0.3       | 2.6     | 1.6   | 89.3      | 18.0354 | 25.4427 |
| 2009 | 6     | 6   | 0    | 58     | 54     | 0.3       | 2.6     | 1.55  | 88.8      | 18.0354 | 24.6005 |
| 2009 | 6     | 6   | 1    | 8      | 54     | 0.3       | 2.6     | 1.58  | 88.9      | 18.061  | 25.1096 |
| 2009 | 6     | 6   | 1    | 18     | 54     | 0.3       | 2.6     | 1.57  | 89.2      | 18.0354 | 24.9689 |
| 2009 | 6     | 6   | 1    | 28     | 54     | 0.3       | 2.6     | 1.58  | 87.9      | 18.0354 | 25.0215 |
| 2009 | 6     | 6   | 1    | 38     | 54     | 0.3       | 2.6     | 1.6   | 88.1      | 18.0354 | 25.39   |
| 2009 | 6     | 6   | 1    | 48     | 54     | 0.3       | 2.6     | 1.55  | 88.5      | 18.0354 | 24.6005 |
| 2009 | 6     | 6   | 1    | 58     | 54     | 0.3       | 2.6     | 1.57  | 88.3      | 18.0354 | 24.8636 |
| 2009 | 6     | 6   | 2    | 8      | 54     | 0.3       | 2.6     | 1.58  | 88        | 18.0098 | 24.9862 |
| 2009 | 6     | 6   | 2    | 18     | 54     | 0.3       | 2.6     | 1.57  | 88.6      | 18.0354 | 24.811  |
| 2009 | 6     | 6   | 2    | 28     | 54     | 0.3       | 2.6     | 1.57  | 89        | 18.0098 | 24.8286 |
| 2009 | 6     | 6   | 2    | 38     | 54     | 0.3       | 2.6     | 1.55  | 88.5      | 18.0098 | 24.4607 |
| 2009 | 6     | 6   | 2    | 48     | 54     | 0.3       | 2.6     | 1.58  | 88.8      | 18.0098 | 25.0388 |
| 2009 | 6     | 6   | 2    | 58     | 54     | 0.3       | 2.6     | 1.55  | 88.8      | 18.0098 | 24.5132 |
| 2009 | 6     | 6   | 3    | 8      | 54     | 0.3       | 2.6     | 1.59  | 89.3      | 17.9842 | 25.2134 |
| 2009 | 6     | 6   | 3    | 18     | 54     | 0.3       | 2.6     | 1.59  | 88.8      | 18.0098 | 25.1439 |
| 2009 | 6     | 6   | 3    | 28     | 54     | 0.3       | 2.6     | 1.61  | 89.4      | 17.9842 | 25.5284 |
| 2009 | 6     | 6   | 3    | 38     | 54     | 0.3       | 2.6     | 1.58  | 89.2      | 17.9842 | 25.0559 |
| 2009 | 6     | 6   | 3    | 48     | 54     | 0.3       | 2.6     | 1.58  | 88.8      | 17.9842 | 25.0559 |
| 2009 | 6     | 6   | 3    | 58     | 54     | 0.3       | 2.6     | 1.61  | 88.2      | 17.9587 | 25.3875 |
| 2009 | 6     | 6   | 4    | 8      | 54     | 0.3       | 2.6     | 1.61  | 88.8      | 17.9842 | 25.4234 |
| 2009 | 6     | 6   | 4    | 18     | 54     | 0.3       | 2.6     | 1.59  | 90.4      | 17.9587 | 25.1778 |
| 2009 | 6     | 6   | 4    | 28     | 54     | 0.3       | 2.6     | 1.62  | 89.3      | 17.9587 | 25.5972 |
| 2009 | 6     | 6   | 4    | 38     | 54     | 0.3       | 2.6     | 1.62  | 88.6      | 17.9587 | 25.5972 |
| 2009 | 6     | 6   | 4    | 48     | 54     | 0.3       | 2.6     | 1.59  | 87.6      | 17.9587 | 25.1253 |
| 2009 | 6     | 6   | 4    | 58     | 54     | 0.3       | 2.6     | 1.54  | 89.6      | 17.9587 | 24.2344 |
| 2009 | 6     | 6   | 5    | 8      | 54     | 0.3       | 2.6     | 1.59  | 91.2      | 17.9587 | 25.0729 |
| 2009 | 6     | 6   | 5    | 18     | 54     | 0.3       | 2.6     | 1.6   | 89.5      | 17.9587 | 25.2826 |
| 2009 | 6     | 6   | 5    | 28     | 54     | 0.3       | 2.6     | 1.56  | 88.7      | 17.9331 | 24.6187 |
| 2009 | 6     | 6   | 5    | 38     | 54     | 0.3       | 2.6     | 1.58  | 89.3      | 17.9331 | 24.8804 |
| 2009 | 6     | 6   | 5    | 48     | 54     | 0.3       | 2.6     | 1.59  | 89.2      | 17.9331 | 25.1421 |
| 2009 | 6     | 6   | 5    | 58     | 54     | 0.3       | 2.6     | 1.6   | 89.2      | 17.9076 | 25.1587 |
| 2009 | 6     | 6   | 6    | 8      | 54     | 0.3       | 2.6     | 1.53  | 89        | 17.9331 | 24.0431 |
| 2009 | 6     | 6   | 6    | 18     | 54     | 0.3       | 2.6     | 1.59  | 87.8      | 17.9331 | 25.0898 |
| 2009 | 6     | 6   | 6    | 28     | 54     | 0.3       | 2.6     | 1.56  | 87.9      | 17.9331 | 24.514  |
| 2009 | 6     | 6   | 6    | 38     | 54     | 0.3       | 2.6     | 1.57  | 89.4      | 17.9331 | 24.671  |
| 2009 | 6     | 6   | 6    | 48     | 54     | 0.3       | 2.6     | 1.56  | 89.2      | 17.9331 | 24.6187 |
| 2009 | 6     | 6   | 6    | 58     | 54     | 0.3       | 2.6     | 1.56  | 88.3      | 17.9076 | 24.5316 |
| 2009 | 6     | 6   | 7    | 8      | 54     | 0.3       | 2.6     | 1.57  | 88.3      | 17.9331 | 24.7757 |
| 2009 | 6     | 6   | 7    | 18     | 54     | 0.3       | 2.6     | 1.57  | 88.6      | 17.9076 | 24.6883 |
| 2009 | 6     | 6   | 7    | 28     | 54     | 0.3       | 2.6     | 1.6   | 88.4      | 17.9076 | 25.1587 |
| 2009 | 6     | 6   | 7    | 38     | 54     | 0.3       | 2.6     | 1.51  | 87.5      | 17.9331 | 23.8338 |
| 2009 | 6     | 6   | 7    | 48     | 54     | 0.3       | 2.6     | 1.59  | 90.4      | 17.9076 | 25.0542 |
| 2009 | 6     | 6   | 7    | 58     | 54     | 0.3       | 2.6     | 1.66  | 91.9      | 17.882  | 26.0628 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 6   | 8    | 8      | 54     | 0.3       | 2.6     | 1.54  | 88.8      | 17.9076 | 24.1658 |
| 2009 | 6     | 6   | 8    | 18     | 54     | 0.3       | 2.6     | 1.59  | 90.1      | 17.882  | 25.0708 |
| 2009 | 6     | 6   | 8    | 28     | 54     | 0.3       | 2.6     | 1.53  | 89        | 17.882  | 23.975  |
| 2009 | 6     | 6   | 8    | 38     | 54     | 0.3       | 2.6     | 1.6   | 88.6      | 17.882  | 25.2274 |
| 2009 | 6     | 6   | 8    | 48     | 54     | 0.3       | 2.6     | 1.58  | 88.4      | 17.882  | 24.7577 |
| 2009 | 6     | 6   | 8    | 58     | 54     | 0.3       | 2.6     | 1.57  | 88.3      | 17.8564 | 24.5661 |
| 2009 | 6     | 6   | 9    | 8      | 54     | 0.3       | 2.6     | 1.59  | 88.8      | 17.8564 | 25.0352 |
| 2009 | 6     | 6   | 9    | 18     | 54     | 0.3       | 2.6     | 1.56  | 89.2      | 17.8564 | 24.4619 |
| 2009 | 6     | 6   | 9    | 28     | 54     | 0.3       | 2.6     | 1.61  | 90.1      | 17.8564 | 25.2437 |
| 2009 | 6     | 6   | 9    | 38     | 54     | 0.3       | 2.6     | 1.63  | 90.8      | 17.8309 | 25.5202 |
| 2009 | 6     | 6   | 9    | 48     | 54     | 0.3       | 2.6     | 1.54  | 89.6      | 17.8564 | 24.0972 |
| 2009 | 6     | 6   | 9    | 58     | 54     | 0.3       | 2.6     | 1.6   | 88.8      | 17.8309 | 25.1037 |
| 2009 | 6     | 6   | 10   | 8      | 54     | 0.3       | 2.6     | 1.56  | 88.8      | 17.8564 | 24.514  |
| 2009 | 6     | 6   | 10   | 18     | 54     | 0.3       | 2.6     | 1.6   | 90        | 17.8309 | 25.1037 |
| 2009 | 6     | 6   | 10   | 28     | 54     | 0.3       | 2.6     | 1.57  | 88        | 17.8309 | 24.5832 |
| 2009 | 6     | 6   | 10   | 38     | 54     | 0.3       | 2.6     | 1.53  | 87.4      | 17.8309 | 24.0109 |
| 2009 | 6     | 6   | 10   | 48     | 54     | 0.3       | 2.6     | 1.58  | 89.8      | 17.8309 | 24.7394 |
| 2009 | 6     | 6   | 10   | 58     | 54     | 0.3       | 2.6     | 1.59  | 88.3      | 17.8309 | 24.8434 |
| 2009 | 6     | 6   | 11   | 8      | 54     | 0.3       | 2.6     | 1.57  | 88.8      | 17.8309 | 24.5832 |
| 2009 | 6     | 6   | 11   | 18     | 54     | 0.3       | 2.6     | 1.56  | 88.1      | 17.8309 | 24.4271 |
| 2009 | 6     | 6   | 11   | 28     | 54     | 0.3       | 2.6     | 1.49  | 89.6      | 17.8309 | 23.3867 |
| 2009 | 6     | 6   | 11   | 38     | 54     | 0.3       | 2.6     | 1.54  | 87.4      | 17.8054 | 24.0806 |
| 2009 | 6     | 6   | 11   | 48     | 54     | 0.3       | 2.6     | 1.55  | 88.1      | 17.8054 | 24.2364 |
| 2009 | 6     | 6   | 11   | 58     | 54     | 0.3       | 2.6     | 1.67  | 90.7      | 17.8054 | 26.1597 |
| 2009 | 6     | 6   | 12   | 8      | 54     | 0.3       | 2.6     | 1.55  | 88.4      | 17.8054 | 24.2884 |
| 2009 | 6     | 6   | 12   | 18     | 54     | 0.3       | 2.6     | 1.52  | 89.9      | 17.8054 | 23.7169 |
| 2009 | 6     | 6   | 12   | 28     | 54     | 0.3       | 2.6     | 1.57  | 88        | 17.8054 | 24.5482 |
| 2009 | 6     | 6   | 12   | 38     | 54     | 0.3       | 2.6     | 1.54  | 87.2      | 17.8054 | 24.1325 |
| 2009 | 6     | 6   | 12   | 48     | 54     | 0.3       | 2.6     | 1.58  | 90.2      | 17.8054 | 24.8081 |
| 2009 | 6     | 6   | 12   | 58     | 54     | 0.3       | 2.6     | 1.59  | 90.8      | 17.8054 | 24.964  |
| 2009 | 6     | 6   | 13   | 8      | 54     | 0.3       | 2.6     | 1.55  | 89.2      | 17.8054 | 24.2884 |
| 2009 | 6     | 6   | 13   | 18     | 54     | 0.3       | 2.6     | 1.6   | 89.1      | 17.8054 | 25.0679 |
| 2009 | 6     | 6   | 13   | 28     | 54     | 0.3       | 2.6     | 1.66  | 90.2      | 17.8054 | 25.9517 |
| 2009 | 6     | 6   | 13   | 38     | 54     | 0.3       | 2.6     | 1.55  | 88.1      | 17.8054 | 24.1845 |
| 2009 | 6     | 6   | 13   | 48     | 54     | 0.3       | 2.6     | 1.55  | 87.6      | 17.8054 | 24.2364 |
| 2009 | 6     | 6   | 13   | 58     | 54     | 0.3       | 2.6     | 1.59  | 88.6      | 17.8054 | 24.8081 |
| 2009 | 6     | 6   | 14   | 8      | 54     | 0.3       | 2.6     | 1.58  | 90        | 17.8054 | 24.7561 |
| 2009 | 6     | 6   | 14   | 18     | 54     | 0.3       | 2.6     | 1.57  | 87.5      | 17.8054 | 24.5482 |
| 2009 | 6     | 6   | 14   | 28     | 54     | 0.3       | 2.6     | 1.56  | 89.2      | 17.8054 | 24.3404 |
| 2009 | 6     | 6   | 14   | 38     | 54     | 0.3       | 2.6     | 1.59  | 88.8      | 17.8054 | 24.912  |
| 2009 | 6     | 6   | 14   | 48     | 54     | 0.3       | 2.6     | 1.58  | 90        | 17.8054 | 24.7041 |
| 2009 | 6     | 6   | 14   | 58     | 54     | 0.3       | 2.6     | 1.59  | 89.2      | 17.8054 | 24.964  |
| 2009 | 6     | 6   | 15   | 8      | 54     | 0.3       | 2.6     | 1.52  | 88.1      | 17.8054 | 23.8208 |
| 2009 | 6     | 6   | 15   | 18     | 54     | 0.3       | 2.6     | 1.59  | 90.7      | 17.7798 | 24.8765 |
| 2009 | 6     | 6   | 15   | 28     | 54     | 0.3       | 2.6     | 1.59  | 88        | 17.7798 | 24.8246 |
| 2009 | 6     | 6   | 15   | 38     | 54     | 0.3       | 2.6     | 1.55  | 87.9      | 17.8054 | 24.1845 |
| 2009 | 6     | 6   | 15   | 48     | 54     | 0.3       | 2.6     | 1.63  | 91.6      | 17.8054 | 25.4838 |
| 2009 | 6     | 6   | 15   | 58     | 54     | 0.3       | 2.6     | 1.56  | 88.4      | 17.8054 | 24.4443 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 6   | 16   | 8      | 54     | 0.3       | 2.6     | 1.55  | 87.6      | 17.8054 | 24.2364 |
| 2009 | 6     | 6   | 16   | 18     | 54     | 0.3       | 2.6     | 1.59  | 89.8      | 17.7798 | 24.9284 |
| 2009 | 6     | 6   | 16   | 28     | 54     | 0.3       | 2.6     | 1.54  | 88.2      | 17.7798 | 24.0462 |
| 2009 | 6     | 6   | 16   | 38     | 54     | 0.3       | 2.6     | 1.57  | 88.3      | 17.7798 | 24.4613 |
| 2009 | 6     | 6   | 16   | 48     | 54     | 0.3       | 2.6     | 1.58  | 89.1      | 17.7798 | 24.7727 |
| 2009 | 6     | 6   | 16   | 58     | 54     | 0.3       | 2.6     | 1.56  | 88.4      | 17.7798 | 24.3056 |
| 2009 | 6     | 6   | 17   | 8      | 54     | 0.3       | 2.6     | 1.61  | 90.6      | 17.7798 | 25.2398 |
| 2009 | 6     | 6   | 17   | 18     | 54     | 0.3       | 2.6     | 1.61  | 88.8      | 17.7798 | 25.2398 |
| 2009 | 6     | 6   | 17   | 28     | 54     | 0.3       | 2.6     | 1.54  | 88.1      | 17.7798 | 24.0981 |
| 2009 | 6     | 6   | 17   | 38     | 54     | 0.3       | 2.6     | 1.58  | 87.5      | 17.7798 | 24.617  |
| 2009 | 6     | 6   | 17   | 48     | 54     | 0.3       | 2.6     | 1.55  | 89.2      | 17.7798 | 24.2538 |
| 2009 | 6     | 6   | 17   | 58     | 54     | 0.3       | 2.6     | 1.63  | 89.9      | 17.7798 | 25.4474 |
| 2009 | 6     | 6   | 18   | 8      | 54     | 0.3       | 2.6     | 1.57  | 90        | 17.7798 | 24.5132 |
| 2009 | 6     | 6   | 18   | 18     | 54     | 0.3       | 2.6     | 1.54  | 88        | 17.7798 | 24.0462 |
| 2009 | 6     | 6   | 18   | 28     | 54     | 0.3       | 2.6     | 1.58  | 87.7      | 17.7798 | 24.617  |
| 2009 | 6     | 6   | 18   | 38     | 54     | 0.3       | 2.6     | 1.58  | 88.8      | 17.7798 | 24.6689 |
| 2009 | 6     | 6   | 18   | 48     | 54     | 0.3       | 2.6     | 1.57  | 89.3      | 17.7798 | 24.5132 |
| 2009 | 6     | 6   | 18   | 58     | 54     | 0.3       | 2.6     | 1.62  | 90.3      | 17.7798 | 25.3436 |
| 2009 | 6     | 6   | 19   | 8      | 54     | 0.3       | 2.6     | 1.6   | 88.8      | 17.7798 | 25.0322 |
| 2009 | 6     | 6   | 19   | 18     | 54     | 0.3       | 2.6     | 1.6   | 88.5      | 17.7798 | 24.9284 |
| 2009 | 6     | 6   | 19   | 28     | 54     | 0.3       | 2.6     | 1.55  | 87.5      | 17.7798 | 24.2538 |
| 2009 | 6     | 6   | 19   | 38     | 54     | 0.3       | 2.6     | 1.58  | 90.4      | 17.7798 | 24.7208 |
| 2009 | 6     | 6   | 19   | 48     | 54     | 0.3       | 2.6     | 1.56  | 89.9      | 17.7798 | 24.4094 |
| 2009 | 6     | 6   | 19   | 58     | 54     | 0.3       | 2.6     | 1.54  | 87.9      | 17.7798 | 24.0462 |
| 2009 | 6     | 6   | 20   | 8      | 54     | 0.3       | 2.6     | 1.59  | 87.9      | 17.7798 | 24.8246 |
| 2009 | 6     | 6   | 20   | 18     | 54     | 0.3       | 2.6     | 1.57  | 89.6      | 17.7798 | 24.617  |
| 2009 | 6     | 6   | 20   | 28     | 54     | 0.3       | 2.6     | 1.54  | 89.5      | 17.7798 | 24.0981 |
| 2009 | 6     | 6   | 20   | 38     | 54     | 0.3       | 2.6     | 1.6   | 89.3      | 17.7798 | 24.9803 |
| 2009 | 6     | 6   | 20   | 48     | 54     | 0.3       | 2.6     | 1.58  | 89.6      | 17.7798 | 24.7727 |
| 2009 | 6     | 6   | 20   | 58     | 54     | 0.3       | 2.6     | 1.63  | 90        | 17.7798 | 25.4474 |
| 2009 | 6     | 6   | 21   | 8      | 54     | 0.3       | 2.6     | 1.52  | 89.1      | 17.7798 | 23.7868 |
| 2009 | 6     | 6   | 21   | 18     | 54     | 0.3       | 2.6     | 1.59  | 88.8      | 17.7798 | 24.9284 |
| 2009 | 6     | 6   | 21   | 28     | 54     | 0.3       | 2.6     | 1.58  | 88.2      | 17.7798 | 24.6689 |
| 2009 | 6     | 6   | 21   | 38     | 54     | 0.3       | 2.6     | 1.57  | 89.2      | 17.7798 | 24.5651 |
| 2009 | 6     | 6   | 21   | 48     | 54     | 0.3       | 2.6     | 1.58  | 88.1      | 17.7798 | 24.617  |
| 2009 | 6     | 6   | 21   | 58     | 54     | 0.3       | 2.6     | 1.58  | 88.6      | 17.7798 | 24.7208 |
| 2009 | 6     | 6   | 22   | 8      | 54     | 0.3       | 2.6     | 1.54  | 87.9      | 17.7798 | 24.0981 |
| 2009 | 6     | 6   | 22   | 18     | 54     | 0.3       | 2.6     | 1.55  | 88.2      | 17.7798 | 24.2538 |
| 2009 | 6     | 6   | 22   | 28     | 54     | 0.3       | 2.6     | 1.6   | 88.8      | 17.7798 | 25.0322 |
| 2009 | 6     | 6   | 22   | 38     | 54     | 0.3       | 2.6     | 1.63  | 88.5      | 17.7798 | 25.4994 |
| 2009 | 6     | 6   | 22   | 48     | 54     | 0.3       | 2.6     | 1.58  | 89.3      | 17.7798 | 24.7727 |
| 2009 | 6     | 6   | 22   | 58     | 54     | 0.3       | 2.3     | 1.59  | 89.9      | 17.7543 | 24.7891 |
| 2009 | 6     | 6   | 23   | 8      | 54     | 0.3       | 2.6     | 1.55  | 87.9      | 17.7798 | 24.15   |
| 2009 | 6     | 6   | 23   | 18     | 54     | 0.3       | 2.3     | 1.64  | 91.8      | 17.7543 | 25.5666 |
| 2009 | 6     | 6   | 23   | 28     | 54     | 0.3       | 2.3     | 1.56  | 88.7      | 17.7543 | 24.3227 |
| 2009 | 6     | 6   | 23   | 38     | 54     | 0.3       | 2.3     | 1.59  | 89.2      | 17.7543 | 24.8928 |
| 2009 | 6     | 6   | 23   | 48     | 54     | 0.3       | 2.3     | 1.59  | 88.7      | 17.7543 | 24.7373 |
| 2009 | 6     | 6   | 23   | 58     | 54     | 0.3       | 2.3     | 1.59  | 88.3      | 17.7543 | 24.7891 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 7   | 0    | 8      | 54     | 0.3       | 2.3     | 1.57  | 88.9      | 17.7543 | 24.53   |
| 2009 | 6     | 7   | 0    | 18     | 54     | 0.3       | 2.3     | 1.57  | 89        | 17.7543 | 24.4264 |
| 2009 | 6     | 7   | 0    | 28     | 54     | 0.3       | 2.3     | 1.57  | 88.8      | 17.7543 | 24.53   |
| 2009 | 6     | 7   | 0    | 38     | 54     | 0.3       | 2.3     | 1.58  | 88.7      | 17.7288 | 24.5467 |
| 2009 | 6     | 7   | 0    | 48     | 54     | 0.3       | 2.3     | 1.58  | 88.2      | 17.7288 | 24.6502 |
| 2009 | 6     | 7   | 0    | 58     | 54     | 0.3       | 2.3     | 1.64  | 90        | 17.7288 | 25.5818 |
| 2009 | 6     | 7   | 1    | 8      | 54     | 0.3       | 2.3     | 1.59  | 88.7      | 17.7288 | 24.7019 |
| 2009 | 6     | 7   | 1    | 18     | 54     | 0.3       | 2.3     | 1.56  | 87.7      | 17.7288 | 24.2362 |
| 2009 | 6     | 7   | 1    | 28     | 54     | 0.3       | 2.3     | 1.58  | 89.8      | 17.7033 | 24.6149 |
| 2009 | 6     | 7   | 1    | 38     | 54     | 0.3       | 2.3     | 1.55  | 88.5      | 17.7033 | 24.1499 |
| 2009 | 6     | 7   | 1    | 48     | 54     | 0.3       | 2.3     | 1.59  | 89.6      | 17.7033 | 24.7182 |
| 2009 | 6     | 7   | 1    | 58     | 54     | 0.3       | 2.3     | 1.57  | 89        | 17.7033 | 24.4082 |
| 2009 | 6     | 7   | 2    | 8      | 54     | 0.3       | 2.3     | 1.61  | 90.7      | 17.7033 | 25.0283 |
| 2009 | 6     | 7   | 2    | 18     | 54     | 0.3       | 2.3     | 1.56  | 86.3      | 17.7033 | 24.2015 |
| 2009 | 6     | 7   | 2    | 28     | 54     | 0.3       | 2.3     | 1.61  | 87.8      | 17.6777 | 24.9408 |
| 2009 | 6     | 7   | 2    | 38     | 54     | 0.3       | 2.3     | 1.57  | 90.4      | 17.6777 | 24.3732 |
| 2009 | 6     | 7   | 2    | 48     | 54     | 0.3       | 2.3     | 1.59  | 90        | 17.6777 | 24.786  |
| 2009 | 6     | 7   | 2    | 58     | 54     | 0.3       | 2.3     | 1.52  | 89.1      | 17.6777 | 23.651  |
| 2009 | 6     | 7   | 3    | 8      | 54     | 0.3       | 2.3     | 1.56  | 90        | 17.6777 | 24.27   |
| 2009 | 6     | 7   | 3    | 18     | 54     | 0.3       | 2.3     | 1.6   | 89.2      | 17.6777 | 24.8892 |
| 2009 | 6     | 7   | 3    | 28     | 54     | 0.3       | 2.3     | 1.57  | 89.2      | 17.6777 | 24.4764 |
| 2009 | 6     | 7   | 3    | 38     | 54     | 0.3       | 2.3     | 1.56  | 88.9      | 17.6777 | 24.27   |
| 2009 | 6     | 7   | 3    | 48     | 54     | 0.3       | 2.3     | 1.57  | 88        | 17.6777 | 24.3732 |
| 2009 | 6     | 7   | 3    | 58     | 54     | 0.3       | 2.6     | 1.58  | 89.6      | 17.6777 | 24.528  |
| 2009 | 6     | 7   | 4    | 8      | 54     | 0.3       | 2.6     | 1.55  | 89        | 17.6777 | 24.0637 |
| 2009 | 6     | 7   | 4    | 18     | 54     | 0.3       | 2.6     | 1.57  | 89.9      | 17.6777 | 24.4248 |
| 2009 | 6     | 7   | 4    | 28     | 54     | 0.3       | 2.6     | 1.59  | 89.6      | 17.6522 | 24.7504 |
| 2009 | 6     | 7   | 4    | 38     | 54     | 0.3       | 2.6     | 1.54  | 88.4      | 17.6777 | 23.9089 |
| 2009 | 6     | 7   | 4    | 48     | 54     | 0.3       | 2.6     | 1.58  | 89.6      | 17.6522 | 24.5958 |
| 2009 | 6     | 7   | 4    | 58     | 54     | 0.3       | 2.6     | 1.62  | 90.3      | 17.6522 | 25.1627 |
| 2009 | 6     | 7   | 5    | 8      | 54     | 0.3       | 2.6     | 1.56  | 88.7      | 17.6777 | 24.27   |
| 2009 | 6     | 7   | 5    | 18     | 54     | 0.3       | 2.6     | 1.61  | 90.6      | 17.6522 | 25.0596 |
| 2009 | 6     | 7   | 5    | 28     | 54     | 0.3       | 2.6     | 1.57  | 87.8      | 17.6522 | 24.3897 |
| 2009 | 6     | 7   | 5    | 38     | 54     | 0.3       | 2.6     | 1.57  | 87.6      | 17.6522 | 24.3897 |
| 2009 | 6     | 7   | 5    | 48     | 54     | 0.3       | 2.6     | 1.62  | 90.3      | 17.6522 | 25.1112 |
| 2009 | 6     | 7   | 5    | 58     | 54     | 0.3       | 2.6     | 1.63  | 88.5      | 17.6522 | 25.3173 |
| 2009 | 6     | 7   | 6    | 8      | 54     | 0.3       | 2.6     | 1.63  | 88.2      | 17.6267 | 25.3324 |
| 2009 | 6     | 7   | 6    | 18     | 54     | 0.3       | 2.6     | 1.61  | 89.2      | 17.6522 | 25.0081 |
| 2009 | 6     | 7   | 6    | 28     | 54     | 0.3       | 2.6     | 1.54  | 90.4      | 17.6522 | 23.8746 |
| 2009 | 6     | 7   | 6    | 38     | 54     | 0.3       | 2.6     | 1.59  | 88.6      | 17.6522 | 24.7504 |
| 2009 | 6     | 7   | 6    | 48     | 54     | 0.3       | 2.6     | 1.55  | 89.8      | 17.6267 | 24.046  |
| 2009 | 6     | 7   | 6    | 58     | 54     | 0.3       | 2.6     | 1.6   | 89.1      | 17.6522 | 24.905  |
| 2009 | 6     | 7   | 7    | 8      | 54     | 0.3       | 2.6     | 1.61  | 89.2      | 17.6267 | 24.9721 |
| 2009 | 6     | 7   | 7    | 18     | 54     | 0.3       | 2.6     | 1.6   | 89.5      | 17.6267 | 24.8692 |
| 2009 | 6     | 7   | 7    | 28     | 54     | 0.3       | 2.6     | 1.59  | 88.9      | 17.6267 | 24.7148 |
| 2009 | 6     | 7   | 7    | 38     | 54     | 0.3       | 2.6     | 1.57  | 88.4      | 17.6267 | 24.3032 |
| 2009 | 6     | 7   | 7    | 48     | 54     | 0.3       | 2.6     | 1.61  | 89.9      | 17.6012 | 24.9362 |
| 2009 | 6     | 7   | 7    | 58     | 54     | 0.3       | 2.6     | 1.6   | 89.2      | 17.6267 | 24.7663 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 7   | 8    | 8      | 54     | 0.3       | 2.6     | 1.58  | 89.9      | 17.6012 | 24.5251 |
| 2009 | 6     | 7   | 8    | 18     | 54     | 0.3       | 2.6     | 1.58  | 90.6      | 17.6012 | 24.4738 |
| 2009 | 6     | 7   | 8    | 28     | 54     | 0.3       | 2.6     | 1.54  | 89.9      | 17.6012 | 23.806  |
| 2009 | 6     | 7   | 8    | 38     | 54     | 0.3       | 2.6     | 1.63  | 89.7      | 17.6012 | 25.2446 |
| 2009 | 6     | 7   | 8    | 48     | 54     | 0.3       | 2.6     | 1.6   | 88.5      | 17.6012 | 24.782  |
| 2009 | 6     | 7   | 8    | 58     | 54     | 0.3       | 2.6     | 1.59  | 89.3      | 17.6012 | 24.6279 |
| 2009 | 6     | 7   | 9    | 8      | 54     | 0.3       | 2.6     | 1.58  | 89.3      | 17.6012 | 24.4224 |
| 2009 | 6     | 7   | 9    | 18     | 54     | 0.3       | 2.6     | 1.6   | 90        | 17.6012 | 24.782  |
| 2009 | 6     | 7   | 9    | 28     | 54     | 0.3       | 2.6     | 1.59  | 89.6      | 17.5757 | 24.6437 |
| 2009 | 6     | 7   | 9    | 38     | 54     | 0.3       | 2.6     | 1.6   | 88.1      | 17.5757 | 24.7463 |
| 2009 | 6     | 7   | 9    | 48     | 54     | 0.3       | 2.6     | 1.61  | 90        | 17.5757 | 24.849  |
| 2009 | 6     | 7   | 9    | 58     | 54     | 0.3       | 2.6     | 1.58  | 87.9      | 17.5757 | 24.3872 |
| 2009 | 6     | 7   | 10   | 8      | 54     | 0.3       | 2.6     | 1.54  | 87.4      | 17.5757 | 23.7204 |
| 2009 | 6     | 7   | 10   | 18     | 54     | 0.3       | 2.6     | 1.58  | 88        | 17.5757 | 24.3872 |
| 2009 | 6     | 7   | 10   | 28     | 54     | 0.3       | 2.6     | 1.6   | 89.2      | 17.5757 | 24.695  |
| 2009 | 6     | 7   | 10   | 38     | 54     | 0.3       | 2.6     | 1.55  | 89.9      | 17.5757 | 23.9255 |
| 2009 | 6     | 7   | 10   | 48     | 54     | 0.3       | 2.6     | 1.55  | 90        | 17.5757 | 23.9768 |
| 2009 | 6     | 7   | 10   | 58     | 54     | 0.3       | 2.6     | 1.56  | 89.4      | 17.5503 | 23.9935 |
| 2009 | 6     | 7   | 11   | 8      | 54     | 0.3       | 2.6     | 1.58  | 88.9      | 17.5503 | 24.3008 |
| 2009 | 6     | 7   | 11   | 18     | 54     | 0.3       | 2.6     | 1.58  | 87.5      | 17.5757 | 24.3359 |
| 2009 | 6     | 7   | 11   | 28     | 54     | 0.3       | 2.6     | 1.56  | 88.2      | 17.5503 | 24.0447 |
| 2009 | 6     | 7   | 11   | 38     | 54     | 0.3       | 2.6     | 1.61  | 89.4      | 17.5503 | 24.8131 |
| 2009 | 6     | 7   | 11   | 48     | 54     | 0.3       | 2.6     | 1.59  | 89.6      | 17.5503 | 24.5569 |
| 2009 | 6     | 7   | 11   | 58     | 54     | 0.3       | 2.6     | 1.59  | 89.2      | 17.5503 | 24.6082 |
| 2009 | 6     | 7   | 12   | 8      | 54     | 0.3       | 2.6     | 1.58  | 88.8      | 17.5503 | 24.4032 |
| 2009 | 6     | 7   | 12   | 18     | 54     | 0.3       | 2.6     | 1.64  | 90.8      | 17.5503 | 25.3256 |
| 2009 | 6     | 7   | 12   | 28     | 54     | 0.3       | 2.6     | 1.65  | 91.5      | 17.5503 | 25.4793 |
| 2009 | 6     | 7   | 12   | 38     | 54     | 0.3       | 2.6     | 1.56  | 90        | 17.5503 | 24.0447 |
| 2009 | 6     | 7   | 12   | 48     | 54     | 0.3       | 2.6     | 1.62  | 89.2      | 17.5503 | 25.0693 |
| 2009 | 6     | 7   | 12   | 58     | 54     | 0.3       | 2.6     | 1.57  | 88.3      | 17.5503 | 24.2496 |
| 2009 | 6     | 7   | 13   | 8      | 54     | 0.3       | 2.6     | 1.62  | 90        | 17.5503 | 25.0181 |
| 2009 | 6     | 7   | 13   | 18     | 54     | 0.3       | 2.6     | 1.6   | 90        | 17.5503 | 24.7619 |
| 2009 | 6     | 7   | 13   | 28     | 54     | 0.3       | 2.6     | 1.63  | 88.6      | 17.5503 | 25.1206 |
| 2009 | 6     | 7   | 13   | 38     | 54     | 0.3       | 2.6     | 1.57  | 87.3      | 17.5503 | 24.2496 |
| 2009 | 6     | 7   | 13   | 48     | 54     | 0.3       | 2.6     | 1.64  | 91.8      | 17.5503 | 25.3768 |
| 2009 | 6     | 7   | 13   | 58     | 54     | 0.3       | 2.3     | 1.62  | 89.2      | 17.5503 | 24.9668 |
| 2009 | 6     | 7   | 14   | 8      | 54     | 0.3       | 2.3     | 1.59  | 89.2      | 17.5503 | 24.5057 |
| 2009 | 6     | 7   | 14   | 18     | 54     | 0.3       | 2.3     | 1.6   | 88.8      | 17.5503 | 24.6594 |
| 2009 | 6     | 7   | 14   | 28     | 54     | 0.3       | 2.3     | 1.61  | 89.2      | 17.5503 | 24.8644 |
| 2009 | 6     | 7   | 14   | 38     | 54     | 0.3       | 2.3     | 1.59  | 89.2      | 17.5503 | 24.5569 |
| 2009 | 6     | 7   | 14   | 48     | 54     | 0.3       | 2.3     | 1.58  | 89.2      | 17.5503 | 24.4545 |
| 2009 | 6     | 7   | 14   | 58     | 54     | 0.3       | 2.3     | 1.66  | 89.9      | 17.5503 | 25.6331 |
| 2009 | 6     | 7   | 15   | 8      | 54     | 0.3       | 2.3     | 1.59  | 89.4      | 17.5503 | 24.5569 |
| 2009 | 6     | 7   | 15   | 18     | 54     | 0.3       | 2.3     | 1.59  | 89.3      | 17.5503 | 24.6082 |
| 2009 | 6     | 7   | 15   | 28     | 54     | 0.3       | 2.3     | 1.57  | 88.4      | 17.5503 | 24.1471 |
| 2009 | 6     | 7   | 15   | 38     | 54     | 0.3       | 2.3     | 1.59  | 88        | 17.5503 | 24.4545 |
| 2009 | 6     | 7   | 15   | 48     | 54     | 0.3       | 2.3     | 1.58  | 90.1      | 17.5503 | 24.352  |
| 2009 | 6     | 7   | 15   | 58     | 54     | 0.3       | 2.3     | 1.63  | 89.2      | 17.5503 | 25.1718 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 7   | 16   | 8      | 54     | 0.3       | 2.3     | 1.54  | 88.8      | 17.5503 | 23.7886 |
| 2009 | 6     | 7   | 16   | 18     | 54     | 0.3       | 2.3     | 1.6   | 90.1      | 17.5503 | 24.7106 |
| 2009 | 6     | 7   | 16   | 28     | 54     | 0.3       | 2.3     | 1.56  | 88.4      | 17.5503 | 24.0959 |
| 2009 | 6     | 7   | 16   | 38     | 54     | 0.3       | 2.3     | 1.65  | 87.7      | 17.5503 | 25.4281 |
| 2009 | 6     | 7   | 16   | 48     | 54     | 0.3       | 2.3     | 1.58  | 88        | 17.5757 | 24.4385 |
| 2009 | 6     | 7   | 16   | 58     | 54     | 0.3       | 2.3     | 1.49  | 87.9      | 17.5503 | 23.0205 |
| 2009 | 6     | 7   | 17   | 8      | 54     | 0.3       | 2.3     | 1.59  | 90.1      | 17.5503 | 24.5569 |
| 2009 | 6     | 7   | 17   | 18     | 54     | 0.3       | 2.3     | 1.59  | 89.2      | 17.5757 | 24.5924 |
| 2009 | 6     | 7   | 17   | 28     | 54     | 0.3       | 2.3     | 1.58  | 89.2      | 17.5503 | 24.4545 |
| 2009 | 6     | 7   | 17   | 38     | 54     | 0.3       | 2.3     | 1.64  | 90.8      | 17.5757 | 25.3621 |
| 2009 | 6     | 7   | 17   | 48     | 54     | 0.3       | 2.3     | 1.62  | 91.3      | 17.5757 | 25.0029 |
| 2009 | 6     | 7   | 17   | 58     | 54     | 0.3       | 2.3     | 1.63  | 90        | 17.5757 | 25.1569 |
| 2009 | 6     | 7   | 18   | 8      | 54     | 0.3       | 2.3     | 1.67  | 91.7      | 17.5757 | 25.8755 |
| 2009 | 6     | 7   | 18   | 18     | 54     | 0.3       | 2.3     | 1.65  | 89.2      | 17.5757 | 25.4648 |
| 2009 | 6     | 7   | 18   | 28     | 54     | 0.3       | 2.3     | 1.63  | 89.3      | 17.5757 | 25.2082 |
| 2009 | 6     | 7   | 18   | 38     | 54     | 0.3       | 2.3     | 1.59  | 89.3      | 17.5757 | 24.5924 |
| 2009 | 6     | 7   | 18   | 48     | 54     | 0.3       | 2.3     | 1.6   | 90        | 17.5757 | 24.7463 |
| 2009 | 6     | 7   | 18   | 58     | 54     | 0.3       | 2.3     | 1.59  | 91.7      | 17.5757 | 24.4898 |
| 2009 | 6     | 7   | 19   | 8      | 54     | 0.3       | 2.3     | 1.66  | 89.7      | 17.5757 | 25.7215 |
| 2009 | 6     | 7   | 19   | 18     | 54     | 0.3       | 2.3     | 1.58  | 89.6      | 17.5757 | 24.4385 |
| 2009 | 6     | 7   | 19   | 28     | 54     | 0.3       | 2.3     | 1.61  | 90        | 17.5757 | 24.849  |
| 2009 | 6     | 7   | 19   | 38     | 54     | 0.3       | 2.3     | 1.65  | 90        | 17.5757 | 25.5161 |
| 2009 | 6     | 7   | 19   | 48     | 54     | 0.3       | 2.3     | 1.56  | 90.8      | 17.5757 | 24.0281 |
| 2009 | 6     | 7   | 19   | 58     | 54     | 0.3       | 2.3     | 1.66  | 90.8      | 17.5757 | 25.6188 |
| 2009 | 6     | 7   | 20   | 8      | 54     | 0.3       | 2.3     | 1.62  | 90.1      | 17.5757 | 25.0029 |
| 2009 | 6     | 7   | 20   | 18     | 54     | 0.3       | 2.3     | 1.65  | 89.5      | 17.5757 | 25.4648 |
| 2009 | 6     | 7   | 20   | 28     | 54     | 0.3       | 2.3     | 1.61  | 89.1      | 17.6012 | 24.9362 |
| 2009 | 6     | 7   | 20   | 38     | 54     | 0.3       | 2.3     | 1.59  | 89.9      | 17.6012 | 24.5765 |
| 2009 | 6     | 7   | 20   | 48     | 54     | 0.3       | 2.3     | 1.61  | 90        | 17.6012 | 24.9362 |
| 2009 | 6     | 7   | 20   | 58     | 54     | 0.3       | 2.3     | 1.55  | 87.6      | 17.6012 | 24.0114 |
| 2009 | 6     | 7   | 21   | 8      | 54     | 0.3       | 2.3     | 1.59  | 89.2      | 17.6012 | 24.5765 |
| 2009 | 6     | 7   | 21   | 18     | 54     | 0.3       | 2.3     | 1.6   | 89.6      | 17.6012 | 24.8334 |
| 2009 | 6     | 7   | 21   | 28     | 54     | 0.3       | 2.3     | 1.62  | 90.3      | 17.6012 | 25.0904 |
| 2009 | 6     | 7   | 21   | 38     | 54     | 0.3       | 2.3     | 1.59  | 88.8      | 17.6012 | 24.6279 |
| 2009 | 6     | 7   | 21   | 48     | 54     | 0.3       | 2.3     | 1.62  | 89.2      | 17.6012 | 25.039  |
| 2009 | 6     | 7   | 21   | 58     | 54     | 0.3       | 2.3     | 1.6   | 87.1      | 17.6012 | 24.782  |
| 2009 | 6     | 7   | 22   | 8      | 54     | 0.3       | 2.3     | 1.61  | 88.8      | 17.6012 | 24.8848 |
| 2009 | 6     | 7   | 22   | 18     | 54     | 0.3       | 2.3     | 1.62  | 90        | 17.6012 | 25.039  |
| 2009 | 6     | 7   | 22   | 28     | 54     | 0.3       | 2.3     | 1.54  | 88.4      | 17.6012 | 23.806  |
| 2009 | 6     | 7   | 22   | 38     | 54     | 0.3       | 2.3     | 1.64  | 90.6      | 17.6012 | 25.3473 |
| 2009 | 6     | 7   | 22   | 48     | 54     | 0.3       | 2.3     | 1.61  | 88.9      | 17.6012 | 24.8848 |
| 2009 | 6     | 7   | 22   | 58     | 54     | 0.3       | 2.3     | 1.61  | 90.3      | 17.6012 | 24.9876 |
| 2009 | 6     | 7   | 23   | 8      | 54     | 0.3       | 2.3     | 1.58  | 88        | 17.6012 | 24.4738 |
| 2009 | 6     | 7   | 23   | 18     | 54     | 0.3       | 2.3     | 1.56  | 89.6      | 17.6012 | 24.0628 |
| 2009 | 6     | 7   | 23   | 28     | 54     | 0.3       | 2.3     | 1.58  | 89.6      | 17.6012 | 24.5251 |
| 2009 | 6     | 7   | 23   | 38     | 54     | 0.3       | 2.3     | 1.58  | 90.5      | 17.6012 | 24.4738 |
| 2009 | 6     | 7   | 23   | 48     | 54     | 0.3       | 2.3     | 1.59  | 87.8      | 17.6012 | 24.6279 |
| 2009 | 6     | 7   | 23   | 58     | 54     | 0.3       | 2.3     | 1.58  | 88.9      | 17.6012 | 24.4224 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 8   | 0    | 8      | 54     | 0.3       | 2.3     | 1.65  | 88.5      | 17.6012 | 25.5015 |
| 2009 | 6     | 8   | 0    | 18     | 54     | 0.3       | 2.3     | 1.61  | 89.1      | 17.6012 | 24.9876 |
| 2009 | 6     | 8   | 0    | 28     | 54     | 0.3       | 2.3     | 1.65  | 90.8      | 17.6012 | 25.5529 |
| 2009 | 6     | 8   | 0    | 38     | 54     | 0.3       | 2.3     | 1.54  | 89.4      | 17.6012 | 23.806  |
| 2009 | 6     | 8   | 0    | 48     | 54     | 0.3       | 2.3     | 1.66  | 90.3      | 17.6267 | 25.7442 |
| 2009 | 6     | 8   | 0    | 58     | 54     | 0.3       | 2.3     | 1.6   | 88.5      | 17.6267 | 24.8178 |
| 2009 | 6     | 8   | 1    | 8      | 54     | 0.3       | 2.3     | 1.56  | 88.1      | 17.6267 | 24.1489 |
| 2009 | 6     | 8   | 1    | 18     | 54     | 0.3       | 2.3     | 1.62  | 88.6      | 17.6267 | 25.178  |
| 2009 | 6     | 8   | 1    | 28     | 54     | 0.3       | 2.3     | 1.59  | 88.3      | 17.6267 | 24.6119 |
| 2009 | 6     | 8   | 1    | 38     | 54     | 0.3       | 2.3     | 1.61  | 88.7      | 17.6267 | 24.9721 |
| 2009 | 6     | 8   | 1    | 48     | 54     | 0.3       | 2.3     | 1.59  | 88.2      | 17.6267 | 24.6119 |
| 2009 | 6     | 8   | 1    | 58     | 54     | 0.3       | 2.3     | 1.65  | 91.1      | 17.6267 | 25.5383 |
| 2009 | 6     | 8   | 2    | 8      | 54     | 0.3       | 2.3     | 1.66  | 90.3      | 17.6267 | 25.7442 |
| 2009 | 6     | 8   | 2    | 18     | 54     | 0.3       | 2.3     | 1.57  | 88.3      | 17.6267 | 24.2518 |
| 2009 | 6     | 8   | 2    | 28     | 54     | 0.3       | 2.3     | 1.6   | 88.5      | 17.6267 | 24.7148 |
| 2009 | 6     | 8   | 2    | 38     | 54     | 0.3       | 2.3     | 1.61  | 89.2      | 17.6267 | 24.9721 |
| 2009 | 6     | 8   | 2    | 48     | 54     | 0.3       | 2.3     | 1.58  | 88        | 17.6267 | 24.4061 |
| 2009 | 6     | 8   | 2    | 58     | 54     | 0.3       | 2.3     | 1.62  | 88.7      | 17.6267 | 25.0751 |
| 2009 | 6     | 8   | 3    | 8      | 54     | 0.3       | 2.3     | 1.6   | 89.5      | 17.6267 | 24.8178 |
| 2009 | 6     | 8   | 3    | 18     | 54     | 0.3       | 2.3     | 1.57  | 90        | 17.6267 | 24.3032 |
| 2009 | 6     | 8   | 3    | 28     | 54     | 0.3       | 2.3     | 1.59  | 89.1      | 17.6267 | 24.6119 |
| 2009 | 6     | 8   | 3    | 38     | 54     | 0.3       | 2.3     | 1.53  | 88.3      | 17.6267 | 23.686  |
| 2009 | 6     | 8   | 3    | 48     | 54     | 0.3       | 2.3     | 1.57  | 89.6      | 17.6267 | 24.3547 |
| 2009 | 6     | 8   | 3    | 58     | 54     | 0.3       | 2.3     | 1.58  | 91        | 17.6267 | 24.509  |
| 2009 | 6     | 8   | 4    | 8      | 54     | 0.3       | 2.3     | 1.54  | 87.1      | 17.6267 | 23.8917 |
| 2009 | 6     | 8   | 4    | 18     | 54     | 0.3       | 2.3     | 1.61  | 90.3      | 17.6522 | 25.0596 |
| 2009 | 6     | 8   | 4    | 28     | 54     | 0.3       | 2.3     | 1.6   | 87.4      | 17.6267 | 24.8178 |
| 2009 | 6     | 8   | 4    | 38     | 54     | 0.3       | 2.3     | 1.57  | 87.6      | 17.6522 | 24.3382 |
| 2009 | 6     | 8   | 4    | 48     | 54     | 0.3       | 2.3     | 1.58  | 89.4      | 17.6522 | 24.5443 |
| 2009 | 6     | 8   | 4    | 58     | 54     | 0.3       | 2.3     | 1.61  | 87.1      | 17.6522 | 25.0081 |
| 2009 | 6     | 8   | 5    | 8      | 54     | 0.3       | 2.3     | 1.6   | 90        | 17.6522 | 24.905  |
| 2009 | 6     | 8   | 5    | 18     | 54     | 0.3       | 2.3     | 1.58  | 89.9      | 17.6522 | 24.4928 |
| 2009 | 6     | 8   | 5    | 28     | 54     | 0.3       | 2.3     | 1.59  | 89.2      | 17.6777 | 24.6828 |
| 2009 | 6     | 8   | 5    | 38     | 54     | 0.3       | 2.3     | 1.6   | 88.5      | 17.6777 | 24.786  |
| 2009 | 6     | 8   | 5    | 48     | 54     | 0.3       | 2.3     | 1.61  | 89.5      | 17.6777 | 24.9924 |
| 2009 | 6     | 8   | 5    | 58     | 54     | 0.3       | 2.3     | 1.53  | 90.1      | 17.6777 | 23.8057 |
| 2009 | 6     | 8   | 6    | 8      | 54     | 0.3       | 2.3     | 1.61  | 89.5      | 17.7033 | 25.0283 |
| 2009 | 6     | 8   | 6    | 18     | 54     | 0.3       | 2.3     | 1.6   | 89.6      | 17.7033 | 24.8733 |
| 2009 | 6     | 8   | 6    | 28     | 54     | 0.3       | 2.3     | 1.62  | 89.3      | 17.7033 | 25.2867 |
| 2009 | 6     | 8   | 6    | 38     | 54     | 0.3       | 2.3     | 1.62  | 88.8      | 17.7033 | 25.235  |
| 2009 | 6     | 8   | 6    | 48     | 54     | 0.3       | 2.3     | 1.62  | 90        | 17.7033 | 25.2867 |
| 2009 | 6     | 8   | 6    | 58     | 54     | 0.3       | 2.3     | 1.61  | 90.9      | 17.7033 | 25.08   |
| 2009 | 6     | 8   | 7    | 8      | 54     | 0.3       | 2.3     | 1.59  | 89.3      | 17.7033 | 24.7699 |
| 2009 | 6     | 8   | 7    | 18     | 54     | 0.3       | 2.3     | 1.6   | 90.2      | 17.7033 | 24.9766 |
| 2009 | 6     | 8   | 7    | 28     | 54     | 0.3       | 2.6     | 1.62  | 90.1      | 17.7288 | 25.2195 |
| 2009 | 6     | 8   | 7    | 38     | 54     | 0.3       | 2.6     | 1.55  | 85.7      | 17.7288 | 24.0293 |
| 2009 | 6     | 8   | 7    | 48     | 54     | 0.3       | 2.6     | 1.62  | 89.5      | 17.7288 | 25.323  |
| 2009 | 6     | 8   | 7    | 58     | 54     | 0.3       | 2.6     | 1.6   | 90.6      | 17.7288 | 24.9089 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 8   | 8    | 8      | 54     | 0.3       | 2.6     | 1.58  | 88.6      | 17.7288 | 24.5467 |
| 2009 | 6     | 8   | 8    | 18     | 54     | 0.3       | 2.6     | 1.57  | 88.9      | 17.7288 | 24.3914 |
| 2009 | 6     | 8   | 8    | 28     | 54     | 0.3       | 2.6     | 1.57  | 89.8      | 17.7288 | 24.4432 |
| 2009 | 6     | 8   | 8    | 38     | 54     | 0.3       | 2.6     | 1.64  | 90.8      | 17.7288 | 25.5301 |
| 2009 | 6     | 8   | 8    | 48     | 54     | 0.3       | 2.6     | 1.59  | 88.1      | 17.7288 | 24.7537 |
| 2009 | 6     | 8   | 8    | 58     | 54     | 0.3       | 2.6     | 1.55  | 90        | 17.7288 | 24.1845 |
| 2009 | 6     | 8   | 9    | 8      | 54     | 0.3       | 2.6     | 1.6   | 91.1      | 17.7288 | 24.9089 |
| 2009 | 6     | 8   | 9    | 18     | 54     | 0.3       | 2.6     | 1.55  | 89.6      | 17.7288 | 24.1328 |
| 2009 | 6     | 8   | 9    | 28     | 54     | 0.3       | 2.6     | 1.58  | 89.3      | 17.7288 | 24.6502 |
| 2009 | 6     | 8   | 9    | 38     | 54     | 0.3       | 2.6     | 1.64  | 88.6      | 17.7288 | 25.5301 |
| 2009 | 6     | 8   | 9    | 48     | 54     | 0.3       | 2.6     | 1.6   | 90.4      | 17.7288 | 25.0124 |
| 2009 | 6     | 8   | 9    | 58     | 54     | 0.3       | 2.6     | 1.57  | 90.7      | 17.7543 | 24.4264 |
| 2009 | 6     | 8   | 10   | 8      | 54     | 0.3       | 2.6     | 1.55  | 88.8      | 17.7288 | 24.081  |
| 2009 | 6     | 8   | 10   | 18     | 54     | 0.3       | 2.6     | 1.59  | 89.1      | 17.7288 | 24.7537 |
| 2009 | 6     | 8   | 10   | 28     | 54     | 0.3       | 2.6     | 1.58  | 90.4      | 17.7288 | 24.6502 |
| 2009 | 6     | 8   | 10   | 38     | 54     | 0.3       | 2.6     | 1.6   | 89.6      | 17.7543 | 24.9446 |
| 2009 | 6     | 8   | 10   | 48     | 54     | 0.3       | 2.6     | 1.58  | 89.3      | 17.7543 | 24.6855 |
| 2009 | 6     | 8   | 10   | 58     | 54     | 0.3       | 2.6     | 1.6   | 89.3      | 17.7543 | 24.9446 |
| 2009 | 6     | 8   | 11   | 8      | 54     | 0.3       | 2.6     | 1.58  | 88.3      | 17.7288 | 24.5984 |
| 2009 | 6     | 8   | 11   | 18     | 54     | 0.3       | 2.6     | 1.59  | 89.6      | 17.7543 | 24.7891 |
| 2009 | 6     | 8   | 11   | 28     | 54     | 0.3       | 2.6     | 1.66  | 90.9      | 17.7543 | 25.9295 |
| 2009 | 6     | 8   | 11   | 38     | 54     | 0.3       | 2.6     | 1.61  | 90        | 17.7543 | 25.1519 |
| 2009 | 6     | 8   | 11   | 48     | 54     | 0.3       | 2.6     | 1.6   | 90        | 17.7543 | 24.9446 |
| 2009 | 6     | 8   | 11   | 58     | 54     | 0.3       | 2.3     | 1.59  | 88.5      | 17.7543 | 24.8409 |
| 2009 | 6     | 8   | 12   | 8      | 54     | 0.3       | 2.3     | 1.55  | 89.5      | 17.7543 | 24.2191 |
| 2009 | 6     | 8   | 12   | 18     | 54     | 0.3       | 2.3     | 1.58  | 89.4      | 17.7543 | 24.7373 |
| 2009 | 6     | 8   | 12   | 28     | 54     | 0.3       | 2.3     | 1.62  | 89.4      | 17.7543 | 25.3593 |
| 2009 | 6     | 8   | 12   | 38     | 54     | 0.3       | 2.3     | 1.6   | 90.1      | 17.7543 | 24.9446 |
| 2009 | 6     | 8   | 12   | 48     | 54     | 0.3       | 2.3     | 1.58  | 90        | 17.7543 | 24.7373 |
| 2009 | 6     | 8   | 12   | 58     | 54     | 0.3       | 2.3     | 1.61  | 89.6      | 17.7543 | 25.1001 |
| 2009 | 6     | 8   | 13   | 8      | 54     | 0.3       | 2.3     | 1.62  | 89.7      | 17.7543 | 25.2556 |
| 2009 | 6     | 8   | 13   | 18     | 54     | 0.3       | 2.3     | 1.51  | 86.6      | 17.7543 | 23.4421 |
| 2009 | 6     | 8   | 13   | 28     | 54     | 0.3       | 2.3     | 1.59  | 89.2      | 17.7543 | 24.8928 |
| 2009 | 6     | 8   | 13   | 38     | 54     | 0.3       | 2.3     | 1.57  | 89.4      | 17.7543 | 24.53   |
| 2009 | 6     | 8   | 13   | 48     | 54     | 0.3       | 2.3     | 1.61  | 88.5      | 17.7543 | 25.1519 |
| 2009 | 6     | 8   | 13   | 58     | 54     | 0.3       | 2.3     | 1.59  | 90        | 17.7543 | 24.7891 |
| 2009 | 6     | 8   | 14   | 8      | 54     | 0.3       | 2.3     | 1.56  | 90.2      | 17.7288 | 24.3397 |
| 2009 | 6     | 8   | 14   | 18     | 54     | 0.3       | 2.3     | 1.55  | 88.8      | 17.7543 | 24.1673 |
| 2009 | 6     | 8   | 14   | 28     | 54     | 0.3       | 2.3     | 1.63  | 90        | 17.7543 | 25.5148 |
| 2009 | 6     | 8   | 14   | 38     | 54     | 0.3       | 2.3     | 1.54  | 89.4      | 17.7543 | 23.9601 |
| 2009 | 6     | 8   | 14   | 48     | 54     | 0.3       | 2.3     | 1.58  | 87.7      | 17.7543 | 24.6855 |
| 2009 | 6     | 8   | 14   | 58     | 54     | 0.3       | 2.3     | 1.63  | 90.5      | 17.7543 | 25.5148 |
| 2009 | 6     | 8   | 15   | 8      | 54     | 0.3       | 2.3     | 1.6   | 89.3      | 17.7288 | 25.0124 |
| 2009 | 6     | 8   | 15   | 18     | 54     | 0.3       | 2.3     | 1.65  | 89.3      | 17.7288 | 25.6854 |
| 2009 | 6     | 8   | 15   | 28     | 54     | 0.3       | 2.3     | 1.62  | 89.8      | 17.7543 | 25.2556 |
| 2009 | 6     | 8   | 15   | 38     | 54     | 0.3       | 2.3     | 1.58  | 89.4      | 17.7288 | 24.6502 |
| 2009 | 6     | 8   | 15   | 48     | 54     | 0.3       | 2.3     | 1.63  | 89.1      | 17.7288 | 25.4783 |
| 2009 | 6     | 8   | 15   | 58     | 54     | 0.3       | 2.3     | 1.6   | 88.5      | 17.7288 | 25.0124 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 8   | 16   | 8      | 54     | 0.3       | 2.3     | 1.62  | 90        | 17.7288 | 25.323  |
| 2009 | 6     | 8   | 16   | 18     | 54     | 0.3       | 2.3     | 1.59  | 89.5      | 17.7288 | 24.8054 |
| 2009 | 6     | 8   | 16   | 28     | 54     | 0.3       | 2.3     | 1.59  | 88        | 17.7288 | 24.8054 |
| 2009 | 6     | 8   | 16   | 38     | 54     | 0.3       | 2.3     | 1.59  | 87.5      | 17.7288 | 24.7019 |
| 2009 | 6     | 8   | 16   | 48     | 54     | 0.3       | 2.3     | 1.59  | 89.2      | 17.7288 | 24.8054 |
| 2009 | 6     | 8   | 16   | 58     | 54     | 0.3       | 2.3     | 1.6   | 88.7      | 17.7288 | 24.9089 |
| 2009 | 6     | 8   | 17   | 8      | 54     | 0.3       | 2.3     | 1.55  | 90.1      | 17.7288 | 24.081  |
| 2009 | 6     | 8   | 17   | 18     | 54     | 0.3       | 2.3     | 1.59  | 89.6      | 17.7033 | 24.7182 |
| 2009 | 6     | 8   | 17   | 28     | 54     | 0.3       | 2.3     | 1.58  | 89.2      | 17.7033 | 24.6149 |
| 2009 | 6     | 8   | 17   | 38     | 54     | 0.3       | 2.3     | 1.58  | 89.6      | 17.7033 | 24.5632 |
| 2009 | 6     | 8   | 17   | 48     | 54     | 0.3       | 2.3     | 1.6   | 90.1      | 17.7033 | 24.9249 |
| 2009 | 6     | 8   | 17   | 58     | 54     | 0.3       | 2.3     | 1.6   | 89.9      | 17.7033 | 24.8733 |
| 2009 | 6     | 8   | 18   | 8      | 54     | 0.3       | 2.3     | 1.63  | 88.3      | 17.7033 | 25.3384 |
| 2009 | 6     | 8   | 18   | 18     | 54     | 0.3       | 2.3     | 1.64  | 90        | 17.7033 | 25.5452 |
| 2009 | 6     | 8   | 18   | 28     | 54     | 0.3       | 2.3     | 1.54  | 88.9      | 17.7033 | 23.9949 |
| 2009 | 6     | 8   | 18   | 38     | 54     | 0.3       | 2.3     | 1.63  | 89.7      | 17.7033 | 25.4418 |
| 2009 | 6     | 8   | 18   | 48     | 54     | 0.3       | 2.3     | 1.63  | 89.7      | 17.7033 | 25.3901 |
| 2009 | 6     | 8   | 18   | 58     | 54     | 0.3       | 2.3     | 1.58  | 89.8      | 17.7033 | 24.5632 |
| 2009 | 6     | 8   | 19   | 8      | 54     | 0.3       | 2.3     | 1.58  | 87.6      | 17.7033 | 24.6149 |
| 2009 | 6     | 8   | 19   | 18     | 54     | 0.3       | 2.3     | 1.62  | 90.8      | 17.7033 | 25.2867 |
| 2009 | 6     | 8   | 19   | 28     | 54     | 0.3       | 2.3     | 1.57  | 89.6      | 17.7033 | 24.5115 |
| 2009 | 6     | 8   | 19   | 38     | 54     | 0.3       | 2.3     | 1.61  | 88.8      | 17.6777 | 25.0956 |
| 2009 | 6     | 8   | 19   | 48     | 54     | 0.3       | 2.3     | 1.64  | 88.7      | 17.7033 | 25.4935 |
| 2009 | 6     | 8   | 19   | 58     | 54     | 0.3       | 2.3     | 1.55  | 89.8      | 17.7033 | 24.0465 |
| 2009 | 6     | 8   | 20   | 8      | 54     | 0.3       | 2.3     | 1.57  | 88.8      | 17.7033 | 24.4599 |
| 2009 | 6     | 8   | 20   | 18     | 54     | 0.3       | 2.3     | 1.58  | 89.6      | 17.7033 | 24.6665 |
| 2009 | 6     | 8   | 20   | 28     | 54     | 0.3       | 2.3     | 1.65  | 89.9      | 17.7033 | 25.752  |
| 2009 | 6     | 8   | 20   | 38     | 54     | 0.3       | 2.3     | 1.63  | 90        | 17.7033 | 25.4418 |
| 2009 | 6     | 8   | 20   | 48     | 54     | 0.3       | 2.3     | 1.59  | 88.8      | 17.7033 | 24.7182 |
| 2009 | 6     | 8   | 20   | 58     | 54     | 0.3       | 2.3     | 1.6   | 89.5      | 17.7033 | 24.8733 |
| 2009 | 6     | 8   | 21   | 8      | 54     | 0.3       | 2.3     | 1.56  | 88.2      | 17.7033 | 24.3049 |
| 2009 | 6     | 8   | 21   | 18     | 54     | 0.3       | 2.3     | 1.59  | 89.6      | 17.7033 | 24.7182 |
| 2009 | 6     | 8   | 21   | 28     | 54     | 0.3       | 2.3     | 1.61  | 89.3      | 17.6777 | 25.044  |
| 2009 | 6     | 8   | 21   | 38     | 54     | 0.3       | 2.3     | 1.6   | 88.9      | 17.7033 | 24.9766 |
| 2009 | 6     | 8   | 21   | 48     | 54     | 0.3       | 2.3     | 1.58  | 88.8      | 17.6777 | 24.4764 |
| 2009 | 6     | 8   | 21   | 58     | 54     | 0.3       | 2.3     | 1.6   | 88.2      | 17.6777 | 24.8376 |
| 2009 | 6     | 8   | 22   | 8      | 54     | 0.3       | 2.3     | 1.64  | 90.6      | 17.6777 | 25.4569 |
| 2009 | 6     | 8   | 22   | 18     | 54     | 0.3       | 2.3     | 1.63  | 89.8      | 17.6777 | 25.4053 |
| 2009 | 6     | 8   | 22   | 28     | 54     | 0.3       | 2.3     | 1.62  | 90.9      | 17.6777 | 25.1989 |
| 2009 | 6     | 8   | 22   | 38     | 54     | 0.3       | 2.3     | 1.6   | 89.3      | 17.6777 | 24.8376 |
| 2009 | 6     | 8   | 22   | 48     | 54     | 0.3       | 2.3     | 1.59  | 88.9      | 17.6777 | 24.6828 |
| 2009 | 6     | 8   | 22   | 58     | 54     | 0.3       | 2.3     | 1.62  | 89.2      | 17.6777 | 25.2505 |
| 2009 | 6     | 8   | 23   | 8      | 54     | 0.3       | 2.3     | 1.59  | 88.3      | 17.6777 | 24.6312 |
| 2009 | 6     | 8   | 23   | 18     | 54     | 0.3       | 2.3     | 1.58  | 88.3      | 17.6777 | 24.4764 |
| 2009 | 6     | 8   | 23   | 28     | 54     | 0.3       | 2.3     | 1.55  | 89.2      | 17.6777 | 24.0637 |
| 2009 | 6     | 8   | 23   | 38     | 54     | 0.3       | 2.3     | 1.59  | 88.9      | 17.6522 | 24.7504 |
| 2009 | 6     | 8   | 23   | 48     | 54     | 0.3       | 2.3     | 1.56  | 89.9      | 17.6777 | 24.3216 |
| 2009 | 6     | 8   | 23   | 58     | 54     | 0.3       | 2.3     | 1.59  | 88.9      | 17.6777 | 24.6828 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 9   | 0    | 8      | 54     | 0.3       | 2.3     | 1.59  | 88.6      | 17.6522 | 24.5958 |
| 2009 | 6     | 9   | 0    | 18     | 54     | 0.3       | 2.3     | 1.61  | 88.5      | 17.6522 | 24.9565 |
| 2009 | 6     | 9   | 0    | 28     | 54     | 0.3       | 2.3     | 1.67  | 90        | 17.6522 | 25.8844 |
| 2009 | 6     | 9   | 0    | 38     | 54     | 0.3       | 2.3     | 1.59  | 91.1      | 17.6522 | 24.6474 |
| 2009 | 6     | 9   | 0    | 48     | 54     | 0.3       | 2.3     | 1.62  | 89.1      | 17.6522 | 25.1112 |
| 2009 | 6     | 9   | 0    | 58     | 54     | 0.3       | 2.3     | 1.64  | 89.1      | 17.6522 | 25.4204 |
| 2009 | 6     | 9   | 1    | 8      | 54     | 0.3       | 2.3     | 1.56  | 88.4      | 17.6267 | 24.2003 |
| 2009 | 6     | 9   | 1    | 18     | 54     | 0.3       | 2.3     | 1.59  | 88.5      | 17.6522 | 24.6474 |
| 2009 | 6     | 9   | 1    | 28     | 54     | 0.3       | 2.3     | 1.62  | 91.6      | 17.6267 | 25.1265 |
| 2009 | 6     | 9   | 1    | 38     | 54     | 0.3       | 2.3     | 1.56  | 88.3      | 17.6522 | 24.1321 |
| 2009 | 6     | 9   | 1    | 48     | 54     | 0.3       | 2.3     | 1.61  | 90        | 17.6267 | 24.9207 |
| 2009 | 6     | 9   | 1    | 58     | 54     | 0.3       | 2.3     | 1.6   | 89.2      | 17.6267 | 24.8692 |
| 2009 | 6     | 9   | 2    | 8      | 54     | 0.3       | 2.3     | 1.56  | 90        | 17.6267 | 24.0975 |
| 2009 | 6     | 9   | 2    | 18     | 54     | 0.3       | 2.3     | 1.57  | 88.6      | 17.6267 | 24.3547 |
| 2009 | 6     | 9   | 2    | 28     | 54     | 0.3       | 2.3     | 1.63  | 91        | 17.6267 | 25.3324 |
| 2009 | 6     | 9   | 2    | 38     | 54     | 0.3       | 2.3     | 1.59  | 88.6      | 17.6267 | 24.7148 |
| 2009 | 6     | 9   | 2    | 48     | 54     | 0.3       | 2.3     | 1.58  | 88.5      | 17.6267 | 24.4576 |
| 2009 | 6     | 9   | 2    | 58     | 54     | 0.3       | 2.3     | 1.61  | 88        | 17.6012 | 24.8334 |
| 2009 | 6     | 9   | 3    | 8      | 54     | 0.3       | 2.3     | 1.62  | 90.3      | 17.6012 | 25.039  |
| 2009 | 6     | 9   | 3    | 18     | 54     | 0.3       | 2.3     | 1.61  | 89.4      | 17.6012 | 24.9362 |
| 2009 | 6     | 9   | 3    | 28     | 54     | 0.3       | 2.3     | 1.57  | 88.8      | 17.6012 | 24.2169 |
| 2009 | 6     | 9   | 3    | 38     | 54     | 0.3       | 2.3     | 1.52  | 88.4      | 17.6012 | 23.5492 |
| 2009 | 6     | 9   | 3    | 48     | 54     | 0.3       | 2.3     | 1.62  | 90.3      | 17.6012 | 25.1418 |
| 2009 | 6     | 9   | 3    | 58     | 54     | 0.3       | 2.3     | 1.6   | 89.1      | 17.6012 | 24.782  |
| 2009 | 6     | 9   | 4    | 8      | 54     | 0.3       | 2.3     | 1.57  | 87.8      | 17.6012 | 24.3196 |
| 2009 | 6     | 9   | 4    | 18     | 54     | 0.3       | 2.3     | 1.6   | 89.6      | 17.6012 | 24.7307 |
| 2009 | 6     | 9   | 4    | 28     | 54     | 0.3       | 2.3     | 1.59  | 89.4      | 17.5757 | 24.5411 |
| 2009 | 6     | 9   | 4    | 38     | 54     | 0.3       | 2.3     | 1.58  | 89.4      | 17.5757 | 24.3872 |
| 2009 | 6     | 9   | 4    | 48     | 54     | 0.3       | 2.3     | 1.56  | 89.3      | 17.5757 | 24.1307 |
| 2009 | 6     | 9   | 4    | 58     | 54     | 0.3       | 2.3     | 1.58  | 88.4      | 17.5757 | 24.3359 |
| 2009 | 6     | 9   | 5    | 8      | 54     | 0.3       | 2.3     | 1.59  | 90.8      | 17.5757 | 24.5924 |
| 2009 | 6     | 9   | 5    | 18     | 54     | 0.3       | 2.3     | 1.6   | 89.6      | 17.5757 | 24.695  |
| 2009 | 6     | 9   | 5    | 28     | 54     | 0.3       | 2.3     | 1.61  | 90.8      | 17.5757 | 24.849  |
| 2009 | 6     | 9   | 5    | 38     | 54     | 0.3       | 2.3     | 1.59  | 89.8      | 17.5757 | 24.6437 |
| 2009 | 6     | 9   | 5    | 48     | 54     | 0.3       | 2.3     | 1.63  | 90.9      | 17.5757 | 25.1569 |
| 2009 | 6     | 9   | 5    | 58     | 54     | 0.3       | 2.3     | 1.59  | 88.3      | 17.5503 | 24.5057 |
| 2009 | 6     | 9   | 6    | 8      | 54     | 0.3       | 2.3     | 1.54  | 86.6      | 17.5503 | 23.6862 |
| 2009 | 6     | 9   | 6    | 18     | 54     | 0.3       | 2.3     | 1.59  | 90.1      | 17.5503 | 24.5569 |
| 2009 | 6     | 9   | 6    | 28     | 54     | 0.3       | 2.3     | 1.57  | 89.2      | 17.5503 | 24.1471 |
| 2009 | 6     | 9   | 6    | 38     | 54     | 0.3       | 2.3     | 1.63  | 91.8      | 17.5503 | 25.1206 |
| 2009 | 6     | 9   | 6    | 48     | 54     | 0.3       | 2.3     | 1.52  | 89        | 17.5503 | 23.4301 |
| 2009 | 6     | 9   | 6    | 58     | 54     | 0.3       | 2.3     | 1.6   | 89.4      | 17.5503 | 24.7106 |
| 2009 | 6     | 9   | 7    | 8      | 54     | 0.3       | 2.3     | 1.58  | 87.4      | 17.5503 | 24.3008 |
| 2009 | 6     | 9   | 7    | 18     | 54     | 0.3       | 2.3     | 1.57  | 89.8      | 17.5503 | 24.2496 |
| 2009 | 6     | 9   | 7    | 28     | 54     | 0.3       | 2.3     | 1.6   | 90        | 17.5248 | 24.7261 |
| 2009 | 6     | 9   | 7    | 38     | 54     | 0.3       | 2.3     | 1.59  | 90.4      | 17.5248 | 24.5215 |
| 2009 | 6     | 9   | 7    | 48     | 54     | 0.3       | 2.3     | 1.57  | 89.4      | 17.5248 | 24.2657 |
| 2009 | 6     | 9   | 7    | 58     | 54     | 0.3       | 2.3     | 1.61  | 89.2      | 17.5248 | 24.8284 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 9   | 8    | 8      | 54     | 0.3       | 2.3     | 1.56  | 89.6      | 17.5248 | 24.0611 |
| 2009 | 6     | 9   | 8    | 18     | 54     | 0.3       | 2.3     | 1.59  | 88.7      | 17.5248 | 24.5215 |
| 2009 | 6     | 9   | 8    | 28     | 54     | 0.3       | 2.3     | 1.62  | 89.3      | 17.5248 | 24.9819 |
| 2009 | 6     | 9   | 8    | 38     | 54     | 0.3       | 2.3     | 1.54  | 89.8      | 17.5248 | 23.7031 |
| 2009 | 6     | 9   | 8    | 48     | 54     | 0.3       | 2.3     | 1.61  | 90.6      | 17.5248 | 24.8284 |
| 2009 | 6     | 9   | 8    | 58     | 54     | 0.3       | 2.3     | 1.55  | 89.3      | 17.5248 | 23.9077 |
| 2009 | 6     | 9   | 9    | 8      | 54     | 0.3       | 2.3     | 1.6   | 90.7      | 17.5248 | 24.6238 |
| 2009 | 6     | 9   | 9    | 18     | 54     | 0.3       | 2.3     | 1.57  | 89.6      | 17.5248 | 24.2657 |
| 2009 | 6     | 9   | 9    | 28     | 54     | 0.3       | 2.3     | 1.56  | 86.9      | 17.4993 | 24.0263 |
| 2009 | 6     | 9   | 9    | 38     | 54     | 0.3       | 2.3     | 1.56  | 90        | 17.4993 | 24.0263 |
| 2009 | 6     | 9   | 9    | 48     | 54     | 0.3       | 2.3     | 1.63  | 89.4      | 17.4993 | 25.048  |
| 2009 | 6     | 9   | 9    | 58     | 54     | 0.3       | 2.3     | 1.64  | 90        | 17.4993 | 25.2524 |
| 2009 | 6     | 9   | 10   | 8      | 54     | 0.3       | 2.3     | 1.54  | 88.5      | 17.4993 | 23.7199 |
| 2009 | 6     | 9   | 10   | 18     | 54     | 0.3       | 2.3     | 1.55  | 89.2      | 17.4993 | 23.8731 |
| 2009 | 6     | 9   | 10   | 28     | 54     | 0.3       | 2.3     | 1.61  | 90.4      | 17.4993 | 24.7925 |
| 2009 | 6     | 9   | 10   | 38     | 54     | 0.3       | 2.3     | 1.59  | 88.9      | 17.4993 | 24.5371 |
| 2009 | 6     | 9   | 10   | 48     | 54     | 0.3       | 2.3     | 1.58  | 88.9      | 17.4993 | 24.2817 |
| 2009 | 6     | 9   | 10   | 58     | 54     | 0.3       | 2.3     | 1.57  | 89.5      | 17.4993 | 24.2306 |
| 2009 | 6     | 9   | 11   | 8      | 54     | 0.3       | 2.3     | 1.58  | 89.6      | 17.4738 | 24.3485 |
| 2009 | 6     | 9   | 11   | 18     | 54     | 0.3       | 2.3     | 1.56  | 88.8      | 17.4738 | 23.9915 |
| 2009 | 6     | 9   | 11   | 28     | 54     | 0.3       | 2.3     | 1.57  | 90.1      | 17.4738 | 24.0935 |
| 2009 | 6     | 9   | 11   | 38     | 54     | 0.3       | 2.3     | 1.58  | 89        | 17.4738 | 24.1955 |
| 2009 | 6     | 9   | 11   | 48     | 54     | 0.3       | 2.3     | 1.57  | 88.8      | 17.4738 | 24.1445 |
| 2009 | 6     | 9   | 11   | 58     | 54     | 0.3       | 2.3     | 1.58  | 89.6      | 17.4738 | 24.3485 |
| 2009 | 6     | 9   | 12   | 8      | 54     | 0.3       | 2.3     | 1.58  | 88.8      | 17.4484 | 24.1604 |
| 2009 | 6     | 9   | 12   | 18     | 54     | 0.3       | 2.3     | 1.58  | 88        | 17.4738 | 24.1955 |
| 2009 | 6     | 9   | 12   | 28     | 54     | 0.3       | 2.3     | 1.63  | 90.8      | 17.4484 | 24.9755 |
| 2009 | 6     | 9   | 12   | 38     | 54     | 0.3       | 2.3     | 1.6   | 89.6      | 17.4484 | 24.5679 |
| 2009 | 6     | 9   | 12   | 48     | 54     | 0.3       | 2.3     | 1.6   | 90        | 17.4484 | 24.517  |
| 2009 | 6     | 9   | 12   | 58     | 54     | 0.3       | 2.3     | 1.6   | 88.7      | 17.4229 | 24.4814 |
| 2009 | 6     | 9   | 13   | 8      | 54     | 0.3       | 2.3     | 1.59  | 90.8      | 17.4229 | 24.3797 |
| 2009 | 6     | 9   | 13   | 18     | 54     | 0.3       | 2.3     | 1.6   | 90.4      | 17.4229 | 24.5831 |
| 2009 | 6     | 9   | 13   | 28     | 54     | 0.3       | 2.3     | 1.62  | 90        | 17.3974 | 24.8522 |
| 2009 | 6     | 9   | 13   | 38     | 54     | 0.3       | 2.3     | 1.59  | 89.6      | 17.4229 | 24.3288 |
| 2009 | 6     | 9   | 13   | 48     | 54     | 0.3       | 2.3     | 1.57  | 88.8      | 17.3974 | 23.9887 |
| 2009 | 6     | 9   | 13   | 58     | 54     | 0.3       | 2.3     | 1.58  | 89.6      | 17.3974 | 24.2427 |
| 2009 | 6     | 9   | 14   | 8      | 54     | 0.3       | 2.3     | 1.62  | 87.4      | 17.372  | 24.7145 |
| 2009 | 6     | 9   | 14   | 18     | 54     | 0.3       | 2.3     | 1.57  | 88.6      | 17.372  | 24.0045 |
| 2009 | 6     | 9   | 14   | 28     | 54     | 0.3       | 2.3     | 1.55  | 90        | 17.372  | 23.6496 |
| 2009 | 6     | 9   | 14   | 38     | 54     | 0.3       | 2.3     | 1.56  | 86.5      | 17.372  | 23.751  |
| 2009 | 6     | 9   | 14   | 48     | 54     | 0.3       | 2.3     | 1.62  | 88.7      | 17.3466 | 24.6785 |
| 2009 | 6     | 9   | 14   | 58     | 54     | 0.3       | 2.3     | 1.61  | 88.5      | 17.3466 | 24.5772 |
| 2009 | 6     | 9   | 15   | 8      | 54     | 0.3       | 2.3     | 1.6   | 91.2      | 17.3466 | 24.4759 |
| 2009 | 6     | 9   | 15   | 18     | 54     | 0.3       | 2.3     | 1.55  | 88.8      | 17.3466 | 23.5645 |
| 2009 | 6     | 9   | 15   | 28     | 54     | 0.3       | 2.3     | 1.59  | 88.7      | 17.3211 | 24.1874 |
| 2009 | 6     | 9   | 15   | 38     | 54     | 0.3       | 2.3     | 1.61  | 88.8      | 17.3211 | 24.5414 |
| 2009 | 6     | 9   | 15   | 48     | 54     | 0.3       | 2.3     | 1.64  | 90.2      | 17.3211 | 24.9966 |
| 2009 | 6     | 9   | 15   | 58     | 54     | 0.3       | 2.3     | 1.58  | 88.4      | 17.3211 | 23.9851 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 9   | 16   | 8      | 54     | 0.3       | 2.3     | 1.57  | 89.4      | 17.3211 | 23.8335 |
| 2009 | 6     | 9   | 16   | 18     | 54     | 0.3       | 2.3     | 1.6   | 88.1      | 17.3211 | 24.3897 |
| 2009 | 6     | 9   | 16   | 28     | 54     | 0.3       | 2.3     | 1.56  | 88.6      | 17.3211 | 23.7829 |
| 2009 | 6     | 9   | 16   | 38     | 54     | 0.3       | 2.3     | 1.6   | 86.4      | 17.3211 | 24.2885 |
| 2009 | 6     | 9   | 16   | 48     | 54     | 0.3       | 2.3     | 1.59  | 87.9      | 17.3211 | 24.238  |
| 2009 | 6     | 9   | 16   | 58     | 54     | 0.3       | 2.3     | 1.59  | 89.3      | 17.3211 | 24.238  |
| 2009 | 6     | 9   | 17   | 8      | 54     | 0.3       | 2.3     | 1.55  | 87.4      | 17.3211 | 23.5302 |
| 2009 | 6     | 9   | 17   | 18     | 54     | 0.3       | 2.3     | 1.62  | 88.1      | 17.3211 | 24.6931 |
| 2009 | 6     | 9   | 17   | 28     | 54     | 0.3       | 2.3     | 1.59  | 88.9      | 17.2957 | 24.253  |
| 2009 | 6     | 9   | 17   | 38     | 54     | 0.3       | 2.3     | 1.6   | 88.8      | 17.3211 | 24.3897 |
| 2009 | 6     | 9   | 17   | 48     | 54     | 0.3       | 2.3     | 1.56  | 90        | 17.3211 | 23.7829 |
| 2009 | 6     | 9   | 17   | 58     | 54     | 0.3       | 2.3     | 1.6   | 89.2      | 17.3211 | 24.3391 |
| 2009 | 6     | 9   | 18   | 8      | 54     | 0.3       | 2.3     | 1.59  | 88.3      | 17.3211 | 24.238  |
| 2009 | 6     | 9   | 18   | 18     | 54     | 0.3       | 2.3     | 1.61  | 88.5      | 17.3211 | 24.4908 |
| 2009 | 6     | 9   | 18   | 28     | 54     | 0.3       | 2.3     | 1.58  | 88.9      | 17.3211 | 24.0357 |
| 2009 | 6     | 9   | 18   | 38     | 54     | 0.3       | 2.3     | 1.6   | 86.9      | 17.3211 | 24.3391 |
| 2009 | 6     | 9   | 18   | 48     | 54     | 0.3       | 2.3     | 1.62  | 90.8      | 17.3211 | 24.6931 |
| 2009 | 6     | 9   | 18   | 58     | 54     | 0.3       | 2.3     | 1.6   | 91.3      | 17.2957 | 24.354  |
| 2009 | 6     | 9   | 19   | 8      | 54     | 0.3       | 2.3     | 1.58  | 90.1      | 17.3211 | 24.0357 |
| 2009 | 6     | 9   | 19   | 18     | 54     | 0.3       | 2.3     | 1.57  | 88.8      | 17.3211 | 23.884  |
| 2009 | 6     | 9   | 19   | 28     | 54     | 0.3       | 2.3     | 1.57  | 88.8      | 17.3211 | 23.884  |
| 2009 | 6     | 9   | 19   | 38     | 54     | 0.3       | 2.3     | 1.56  | 90.4      | 17.3211 | 23.8335 |
| 2009 | 6     | 9   | 19   | 48     | 54     | 0.3       | 2.3     | 1.58  | 89.2      | 17.3211 | 24.0357 |
| 2009 | 6     | 9   | 19   | 58     | 54     | 0.3       | 2.3     | 1.62  | 88.8      | 17.3211 | 24.7437 |
| 2009 | 6     | 9   | 20   | 8      | 54     | 0.3       | 2.3     | 1.58  | 87.9      | 17.3211 | 23.9851 |
| 2009 | 6     | 9   | 20   | 18     | 54     | 0.3       | 2.3     | 1.59  | 89.3      | 17.2957 | 24.1521 |
| 2009 | 6     | 9   | 20   | 28     | 54     | 0.3       | 2.3     | 1.59  | 88.2      | 17.3211 | 24.1874 |
| 2009 | 6     | 9   | 20   | 38     | 54     | 0.3       | 2.3     | 1.61  | 90        | 17.3211 | 24.5414 |
| 2009 | 6     | 9   | 20   | 48     | 54     | 0.3       | 2.3     | 1.57  | 90.8      | 17.3211 | 23.9851 |
| 2009 | 6     | 9   | 20   | 58     | 54     | 0.3       | 2.3     | 1.58  | 89.5      | 17.3211 | 24.0357 |
| 2009 | 6     | 9   | 21   | 8      | 54     | 0.3       | 2.3     | 1.62  | 88.8      | 17.3211 | 24.7437 |
| 2009 | 6     | 9   | 21   | 18     | 54     | 0.3       | 2.3     | 1.53  | 89.8      | 17.3211 | 23.2774 |
| 2009 | 6     | 9   | 21   | 28     | 54     | 0.3       | 2.3     | 1.6   | 88.2      | 17.3211 | 24.2885 |
| 2009 | 6     | 9   | 21   | 38     | 54     | 0.3       | 2.3     | 1.59  | 88        | 17.2957 | 24.1016 |
| 2009 | 6     | 9   | 21   | 48     | 54     | 0.3       | 2.3     | 1.6   | 87.9      | 17.3211 | 24.3391 |
| 2009 | 6     | 9   | 21   | 58     | 54     | 0.3       | 2.3     | 1.61  | 88.3      | 17.3211 | 24.5414 |
| 2009 | 6     | 9   | 22   | 8      | 54     | 0.3       | 2.3     | 1.54  | 87.6      | 17.3211 | 23.4291 |
| 2009 | 6     | 9   | 22   | 18     | 54     | 0.3       | 2.3     | 1.59  | 89.4      | 17.3211 | 24.238  |
| 2009 | 6     | 9   | 22   | 28     | 54     | 0.3       | 2.3     | 1.6   | 90.5      | 17.3211 | 24.3897 |
| 2009 | 6     | 9   | 22   | 38     | 54     | 0.3       | 2.3     | 1.57  | 88.6      | 17.3211 | 23.884  |
| 2009 | 6     | 9   | 22   | 48     | 54     | 0.3       | 2.3     | 1.67  | 89.2      | 17.2957 | 25.3642 |
| 2009 | 6     | 9   | 22   | 58     | 54     | 0.3       | 2.3     | 1.6   | 88.8      | 17.2957 | 24.4045 |
| 2009 | 6     | 9   | 23   | 8      | 54     | 0.3       | 2.3     | 1.58  | 89.6      | 17.3211 | 24.0863 |
| 2009 | 6     | 9   | 23   | 18     | 54     | 0.3       | 2.3     | 1.6   | 89.9      | 17.2957 | 24.354  |
| 2009 | 6     | 9   | 23   | 28     | 54     | 0.3       | 2.3     | 1.57  | 90.2      | 17.2957 | 23.8996 |
| 2009 | 6     | 9   | 23   | 38     | 54     | 0.3       | 2.3     | 1.6   | 89.9      | 17.2957 | 24.354  |
| 2009 | 6     | 9   | 23   | 48     | 54     | 0.3       | 2.3     | 1.58  | 89.6      | 17.2957 | 24.0006 |
| 2009 | 6     | 9   | 23   | 58     | 54     | 0.3       | 2.3     | 1.56  | 87.7      | 17.2957 | 23.7482 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 10  | 0    | 8      | 54     | 0.3       | 2.3     | 1.56  | 89.6      | 17.2957 | 23.6472 |
| 2009 | 6     | 10  | 0    | 18     | 54     | 0.3       | 2.3     | 1.59  | 89.3      | 17.2957 | 24.1521 |
| 2009 | 6     | 10  | 0    | 28     | 54     | 0.3       | 2.3     | 1.61  | 88.5      | 17.2957 | 24.455  |
| 2009 | 6     | 10  | 0    | 38     | 54     | 0.3       | 2.3     | 1.57  | 89        | 17.2957 | 23.8996 |
| 2009 | 6     | 10  | 0    | 48     | 54     | 0.3       | 2.3     | 1.57  | 89        | 17.2957 | 23.7987 |
| 2009 | 6     | 10  | 0    | 58     | 54     | 0.3       | 2.3     | 1.59  | 88.6      | 17.2957 | 24.253  |
| 2009 | 6     | 10  | 1    | 8      | 54     | 0.3       | 2.3     | 1.6   | 89.6      | 17.2957 | 24.3035 |
| 2009 | 6     | 10  | 1    | 18     | 54     | 0.3       | 2.3     | 1.57  | 89.2      | 17.2957 | 23.9501 |
| 2009 | 6     | 10  | 1    | 28     | 54     | 0.3       | 2.3     | 1.51  | 87        | 17.2957 | 22.9406 |
| 2009 | 6     | 10  | 1    | 38     | 54     | 0.3       | 2.3     | 1.61  | 90.4      | 17.2957 | 24.5055 |
| 2009 | 6     | 10  | 1    | 48     | 54     | 0.3       | 2.3     | 1.56  | 89.2      | 17.2703 | 23.7134 |
| 2009 | 6     | 10  | 1    | 58     | 54     | 0.3       | 2.3     | 1.55  | 89        | 17.2703 | 23.4614 |
| 2009 | 6     | 10  | 2    | 8      | 54     | 0.3       | 2.3     | 1.56  | 89.2      | 17.2703 | 23.663  |
| 2009 | 6     | 10  | 2    | 18     | 54     | 0.3       | 2.3     | 1.56  | 88.8      | 17.2703 | 23.6126 |
| 2009 | 6     | 10  | 2    | 28     | 54     | 0.3       | 2.3     | 1.59  | 89.1      | 17.2703 | 24.1671 |
| 2009 | 6     | 10  | 2    | 38     | 54     | 0.3       | 2.3     | 1.56  | 89.6      | 17.2703 | 23.7638 |
| 2009 | 6     | 10  | 2    | 48     | 54     | 0.3       | 2.3     | 1.58  | 89.3      | 17.2703 | 24.0663 |
| 2009 | 6     | 10  | 2    | 58     | 54     | 0.3       | 2.3     | 1.62  | 90        | 17.2703 | 24.5705 |
| 2009 | 6     | 10  | 3    | 8      | 54     | 0.3       | 2.3     | 1.56  | 88.3      | 17.2703 | 23.6126 |
| 2009 | 6     | 10  | 3    | 18     | 54     | 0.3       | 2.3     | 1.59  | 88.8      | 17.2703 | 24.1167 |
| 2009 | 6     | 10  | 3    | 28     | 54     | 0.3       | 2.3     | 1.63  | 90.1      | 17.2703 | 24.7218 |
| 2009 | 6     | 10  | 3    | 38     | 54     | 0.3       | 2.3     | 1.57  | 90.4      | 17.2703 | 23.9151 |
| 2009 | 6     | 10  | 3    | 48     | 54     | 0.3       | 2.3     | 1.53  | 88.3      | 17.2703 | 23.159  |
| 2009 | 6     | 10  | 3    | 58     | 54     | 0.3       | 2.3     | 1.61  | 88.5      | 17.2448 | 24.4842 |
| 2009 | 6     | 10  | 4    | 8      | 54     | 0.3       | 2.3     | 1.6   | 89.2      | 17.2448 | 24.2324 |
| 2009 | 6     | 10  | 4    | 18     | 54     | 0.3       | 2.3     | 1.58  | 88.9      | 17.2448 | 23.9807 |
| 2009 | 6     | 10  | 4    | 28     | 54     | 0.3       | 2.3     | 1.59  | 88.3      | 17.2448 | 24.1318 |
| 2009 | 6     | 10  | 4    | 38     | 54     | 0.3       | 2.3     | 1.6   | 90.2      | 17.2448 | 24.3331 |
| 2009 | 6     | 10  | 4    | 48     | 54     | 0.3       | 2.3     | 1.55  | 89.6      | 17.2448 | 23.4271 |
| 2009 | 6     | 10  | 4    | 58     | 54     | 0.3       | 2.3     | 1.57  | 88.8      | 17.2448 | 23.7794 |
| 2009 | 6     | 10  | 5    | 8      | 54     | 0.3       | 2.3     | 1.55  | 87.9      | 17.2448 | 23.4774 |
| 2009 | 6     | 10  | 5    | 18     | 54     | 0.3       | 2.3     | 1.59  | 88.3      | 17.2448 | 24.0311 |
| 2009 | 6     | 10  | 5    | 28     | 54     | 0.3       | 2.3     | 1.64  | 90        | 17.2448 | 24.887  |
| 2009 | 6     | 10  | 5    | 38     | 54     | 0.3       | 2.3     | 1.56  | 88.1      | 17.2448 | 23.6284 |
| 2009 | 6     | 10  | 5    | 48     | 54     | 0.3       | 2.3     | 1.55  | 89.3      | 17.2448 | 23.4271 |
| 2009 | 6     | 10  | 5    | 58     | 54     | 0.3       | 2.3     | 1.56  | 89.4      | 17.2194 | 23.644  |
| 2009 | 6     | 10  | 6    | 8      | 54     | 0.3       | 2.3     | 1.59  | 90        | 17.2448 | 24.1821 |
| 2009 | 6     | 10  | 6    | 18     | 54     | 0.3       | 2.3     | 1.55  | 87.7      | 17.2194 | 23.4932 |
| 2009 | 6     | 10  | 6    | 28     | 54     | 0.3       | 2.3     | 1.58  | 90.2      | 17.2194 | 23.8953 |
| 2009 | 6     | 10  | 6    | 38     | 54     | 0.3       | 2.3     | 1.54  | 87.9      | 17.2194 | 23.3425 |
| 2009 | 6     | 10  | 6    | 48     | 54     | 0.3       | 2.3     | 1.54  | 87.4      | 17.2194 | 23.242  |
| 2009 | 6     | 10  | 6    | 58     | 54     | 0.3       | 2.3     | 1.6   | 90.1      | 17.2194 | 24.2974 |
| 2009 | 6     | 10  | 7    | 8      | 54     | 0.3       | 2.3     | 1.57  | 88.3      | 17.2194 | 23.7445 |
| 2009 | 6     | 10  | 7    | 18     | 54     | 0.3       | 2.3     | 1.56  | 87.7      | 17.2194 | 23.5435 |
| 2009 | 6     | 10  | 7    | 28     | 54     | 0.3       | 2.3     | 1.57  | 88.7      | 17.2194 | 23.6942 |
| 2009 | 6     | 10  | 7    | 38     | 54     | 0.3       | 2.3     | 1.58  | 89.5      | 17.2194 | 23.9958 |
| 2009 | 6     | 10  | 7    | 48     | 54     | 0.3       | 2.3     | 1.57  | 89.4      | 17.2194 | 23.6942 |
| 2009 | 6     | 10  | 7    | 58     | 54     | 0.3       | 2.3     | 1.56  | 90.4      | 17.2194 | 23.6942 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 10  | 8    | 8      | 54     | 0.3       | 2.3     | 1.61  | 90.7      | 17.2194 | 24.398  |
| 2009 | 6     | 10  | 8    | 18     | 54     | 0.3       | 2.3     | 1.61  | 89.5      | 17.2194 | 24.398  |
| 2009 | 6     | 10  | 8    | 28     | 54     | 0.3       | 2.3     | 1.57  | 90.6      | 17.2194 | 23.7948 |
| 2009 | 6     | 10  | 8    | 38     | 54     | 0.3       | 2.3     | 1.59  | 88.5      | 17.2194 | 24.0461 |
| 2009 | 6     | 10  | 8    | 48     | 54     | 0.3       | 2.3     | 1.58  | 89.2      | 17.2194 | 23.9958 |
| 2009 | 6     | 10  | 8    | 58     | 54     | 0.3       | 2.3     | 1.57  | 89.6      | 17.2194 | 23.845  |
| 2009 | 6     | 10  | 9    | 8      | 54     | 0.3       | 2.3     | 1.57  | 90        | 17.2194 | 23.845  |
| 2009 | 6     | 10  | 9    | 18     | 54     | 0.3       | 2.3     | 1.61  | 89.4      | 17.2194 | 24.3477 |
| 2009 | 6     | 10  | 9    | 28     | 54     | 0.3       | 2.3     | 1.53  | 87.2      | 17.2194 | 23.0912 |
| 2009 | 6     | 10  | 9    | 38     | 54     | 0.3       | 2.3     | 1.61  | 90.1      | 17.2194 | 24.4483 |
| 2009 | 6     | 10  | 9    | 48     | 54     | 0.3       | 2.3     | 1.57  | 89.8      | 17.194  | 23.7598 |
| 2009 | 6     | 10  | 9    | 58     | 54     | 0.3       | 2.3     | 1.56  | 89.9      | 17.194  | 23.5591 |
| 2009 | 6     | 10  | 10   | 8      | 54     | 0.3       | 2.3     | 1.55  | 89.1      | 17.2194 | 23.3927 |
| 2009 | 6     | 10  | 10   | 18     | 54     | 0.3       | 2.3     | 1.56  | 88.8      | 17.2194 | 23.644  |
| 2009 | 6     | 10  | 10   | 28     | 54     | 0.3       | 2.3     | 1.58  | 90        | 17.194  | 23.9606 |
| 2009 | 6     | 10  | 10   | 38     | 54     | 0.3       | 2.3     | 1.59  | 89.5      | 17.194  | 24.0108 |
| 2009 | 6     | 10  | 10   | 48     | 54     | 0.3       | 2.3     | 1.59  | 90.1      | 17.194  | 24.0108 |
| 2009 | 6     | 10  | 10   | 58     | 54     | 0.3       | 2.3     | 1.56  | 89.6      | 17.194  | 23.6595 |
| 2009 | 6     | 10  | 11   | 8      | 54     | 0.3       | 2.3     | 1.58  | 88.8      | 17.194  | 23.81   |
| 2009 | 6     | 10  | 11   | 18     | 54     | 0.3       | 2.3     | 1.55  | 89        | 17.194  | 23.4587 |
| 2009 | 6     | 10  | 11   | 28     | 54     | 0.3       | 2.3     | 1.63  | 90.5      | 17.194  | 24.6634 |
| 2009 | 6     | 10  | 11   | 38     | 54     | 0.3       | 2.3     | 1.6   | 88.5      | 17.194  | 24.1614 |
| 2009 | 6     | 10  | 11   | 48     | 54     | 0.3       | 2.3     | 1.6   | 90        | 17.194  | 24.2618 |
| 2009 | 6     | 10  | 11   | 58     | 54     | 0.3       | 2.3     | 1.59  | 88.5      | 17.194  | 23.9606 |
| 2009 | 6     | 10  | 12   | 8      | 54     | 0.3       | 2.3     | 1.57  | 89.4      | 17.194  | 23.7598 |
| 2009 | 6     | 10  | 12   | 18     | 54     | 0.3       | 2.3     | 1.59  | 88.8      | 17.194  | 24.1112 |
| 2009 | 6     | 10  | 12   | 28     | 54     | 0.3       | 2.3     | 1.58  | 89.2      | 17.194  | 23.8602 |
| 2009 | 6     | 10  | 12   | 38     | 54     | 0.3       | 2.3     | 1.57  | 89.2      | 17.194  | 23.6595 |
| 2009 | 6     | 10  | 12   | 48     | 54     | 0.3       | 2.3     | 1.58  | 87.5      | 17.194  | 23.81   |
| 2009 | 6     | 10  | 12   | 58     | 54     | 0.3       | 2.3     | 1.56  | 88.7      | 17.194  | 23.6093 |
| 2009 | 6     | 10  | 13   | 8      | 54     | 0.3       | 2.3     | 1.59  | 89.5      | 17.194  | 24.1112 |
| 2009 | 6     | 10  | 13   | 18     | 54     | 0.3       | 2.3     | 1.61  | 89.4      | 17.194  | 24.4124 |
| 2009 | 6     | 10  | 13   | 28     | 54     | 0.3       | 2.3     | 1.55  | 88.8      | 17.194  | 23.3584 |
| 2009 | 6     | 10  | 13   | 38     | 54     | 0.3       | 2.3     | 1.61  | 90.8      | 17.194  | 24.4124 |
| 2009 | 6     | 10  | 13   | 48     | 54     | 0.3       | 2.3     | 1.62  | 89.8      | 17.194  | 24.563  |
| 2009 | 6     | 10  | 13   | 58     | 54     | 0.3       | 2.3     | 1.56  | 89.4      | 17.194  | 23.5591 |
| 2009 | 6     | 10  | 14   | 8      | 54     | 0.3       | 2.3     | 1.6   | 90.2      | 17.194  | 24.2618 |
| 2009 | 6     | 10  | 14   | 18     | 54     | 0.3       | 2.3     | 1.6   | 89.9      | 17.194  | 24.2116 |
| 2009 | 6     | 10  | 14   | 28     | 54     | 0.3       | 2.3     | 1.58  | 89.2      | 17.194  | 23.9104 |
| 2009 | 6     | 10  | 14   | 38     | 54     | 0.3       | 2.3     | 1.6   | 89.2      | 17.194  | 24.2116 |
| 2009 | 6     | 10  | 14   | 48     | 54     | 0.3       | 2.3     | 1.57  | 86.8      | 17.194  | 23.7096 |
| 2009 | 6     | 10  | 14   | 58     | 54     | 0.3       | 2.3     | 1.59  | 88.6      | 17.194  | 23.9606 |
| 2009 | 6     | 10  | 15   | 8      | 54     | 0.3       | 2.3     | 1.54  | 88.4      | 17.194  | 23.3082 |
| 2009 | 6     | 10  | 15   | 18     | 54     | 0.3       | 2.3     | 1.54  | 89.3      | 17.194  | 23.258  |
| 2009 | 6     | 10  | 15   | 28     | 54     | 0.3       | 2.3     | 1.58  | 90.7      | 17.194  | 23.9104 |
| 2009 | 6     | 10  | 15   | 38     | 54     | 0.3       | 2.3     | 1.59  | 90        | 17.194  | 24.061  |
| 2009 | 6     | 10  | 15   | 48     | 54     | 0.3       | 2.3     | 1.54  | 89.9      | 17.194  | 23.2078 |
| 2009 | 6     | 10  | 15   | 58     | 54     | 0.3       | 2.3     | 1.58  | 88.8      | 17.194  | 23.9104 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 10  | 16   | 8      | 54     | 0.3       | 2.3     | 1.62  | 90.5      | 17.194  | 24.4626 |
| 2009 | 6     | 10  | 16   | 18     | 54     | 0.3       | 2.3     | 1.61  | 88.4      | 17.194  | 24.3622 |
| 2009 | 6     | 10  | 16   | 28     | 54     | 0.3       | 2.3     | 1.54  | 88.3      | 17.194  | 23.3082 |
| 2009 | 6     | 10  | 16   | 38     | 54     | 0.3       | 2.3     | 1.61  | 89.8      | 17.194  | 24.3622 |
| 2009 | 6     | 10  | 16   | 48     | 54     | 0.3       | 2.3     | 1.58  | 89.2      | 17.194  | 23.9104 |
| 2009 | 6     | 10  | 16   | 58     | 54     | 0.3       | 2.3     | 1.58  | 88.8      | 17.194  | 23.8602 |
| 2009 | 6     | 10  | 17   | 8      | 54     | 0.3       | 2.3     | 1.58  | 89        | 17.194  | 23.81   |
| 2009 | 6     | 10  | 17   | 18     | 54     | 0.3       | 2.3     | 1.6   | 90.1      | 17.194  | 24.1614 |
| 2009 | 6     | 10  | 17   | 28     | 54     | 0.3       | 2.3     | 1.58  | 88.3      | 17.194  | 23.8602 |
| 2009 | 6     | 10  | 17   | 38     | 54     | 0.3       | 2.3     | 1.56  | 87.9      | 17.194  | 23.5089 |
| 2009 | 6     | 10  | 17   | 48     | 54     | 0.3       | 2.3     | 1.58  | 88.8      | 17.2194 | 23.9958 |
| 2009 | 6     | 10  | 17   | 58     | 54     | 0.3       | 2.3     | 1.56  | 90        | 17.194  | 23.5089 |
| 2009 | 6     | 10  | 18   | 8      | 54     | 0.3       | 2.3     | 1.58  | 88        | 17.194  | 23.9104 |
| 2009 | 6     | 10  | 18   | 18     | 54     | 0.3       | 2.3     | 1.56  | 88.1      | 17.194  | 23.5591 |
| 2009 | 6     | 10  | 18   | 28     | 54     | 0.3       | 2.3     | 1.6   | 90.7      | 17.2194 | 24.1969 |
| 2009 | 6     | 10  | 18   | 38     | 54     | 0.3       | 2.3     | 1.59  | 88.6      | 17.2194 | 24.0461 |
| 2009 | 6     | 10  | 18   | 48     | 54     | 0.3       | 2.3     | 1.59  | 89.8      | 17.2194 | 24.0964 |
| 2009 | 6     | 10  | 18   | 58     | 54     | 0.3       | 2.3     | 1.59  | 89.2      | 17.2194 | 24.1466 |
| 2009 | 6     | 10  | 19   | 8      | 54     | 0.3       | 2.3     | 1.57  | 88.8      | 17.194  | 23.6595 |
| 2009 | 6     | 10  | 19   | 18     | 54     | 0.3       | 2.3     | 1.59  | 88.5      | 17.2194 | 24.0461 |
| 2009 | 6     | 10  | 19   | 28     | 54     | 0.3       | 2.3     | 1.59  | 88.9      | 17.2194 | 24.0461 |
| 2009 | 6     | 10  | 19   | 38     | 54     | 0.3       | 2.3     | 1.56  | 89.2      | 17.194  | 23.6093 |
| 2009 | 6     | 10  | 19   | 48     | 54     | 0.3       | 2.3     | 1.62  | 89.4      | 17.2194 | 24.4986 |
| 2009 | 6     | 10  | 19   | 58     | 54     | 0.3       | 2.3     | 1.59  | 89.1      | 17.2194 | 24.0964 |
| 2009 | 6     | 10  | 20   | 8      | 54     | 0.3       | 2.3     | 1.53  | 90        | 17.2194 | 23.1415 |
| 2009 | 6     | 10  | 20   | 18     | 54     | 0.3       | 2.3     | 1.6   | 88.8      | 17.2194 | 24.1969 |
| 2009 | 6     | 10  | 20   | 28     | 54     | 0.3       | 2.3     | 1.6   | 88.8      | 17.2194 | 24.1969 |
| 2009 | 6     | 10  | 20   | 38     | 54     | 0.3       | 2.3     | 1.55  | 87.4      | 17.2194 | 23.3927 |
| 2009 | 6     | 10  | 20   | 48     | 54     | 0.3       | 2.3     | 1.58  | 90        | 17.2194 | 23.8953 |
| 2009 | 6     | 10  | 20   | 58     | 54     | 0.3       | 2.3     | 1.56  | 88.4      | 17.2194 | 23.644  |
| 2009 | 6     | 10  | 21   | 8      | 54     | 0.3       | 2.3     | 1.55  | 89        | 17.2194 | 23.3927 |
| 2009 | 6     | 10  | 21   | 18     | 54     | 0.3       | 2.3     | 1.6   | 90        | 17.2194 | 24.1969 |
| 2009 | 6     | 10  | 21   | 28     | 54     | 0.3       | 2.3     | 1.57  | 89.9      | 17.2194 | 23.7445 |
| 2009 | 6     | 10  | 21   | 38     | 54     | 0.3       | 2.3     | 1.6   | 89.8      | 17.2194 | 24.2472 |
| 2009 | 6     | 10  | 21   | 48     | 54     | 0.3       | 2.3     | 1.57  | 90.2      | 17.2194 | 23.845  |
| 2009 | 6     | 10  | 21   | 58     | 54     | 0.3       | 2.3     | 1.6   | 87.8      | 17.2194 | 24.1466 |
| 2009 | 6     | 10  | 22   | 8      | 54     | 0.3       | 2.3     | 1.62  | 90        | 17.2194 | 24.4986 |
| 2009 | 6     | 10  | 22   | 18     | 54     | 0.3       | 2.3     | 1.62  | 90.3      | 17.2194 | 24.4986 |
| 2009 | 6     | 10  | 22   | 28     | 54     | 0.3       | 2.3     | 1.59  | 88        | 17.2194 | 23.9958 |
| 2009 | 6     | 10  | 22   | 38     | 54     | 0.3       | 2.3     | 1.6   | 89.2      | 17.2194 | 24.1969 |
| 2009 | 6     | 10  | 22   | 48     | 54     | 0.3       | 2.3     | 1.55  | 89.6      | 17.2194 | 23.3927 |
| 2009 | 6     | 10  | 22   | 58     | 54     | 0.3       | 2.3     | 1.56  | 88.7      | 17.2194 | 23.5937 |
| 2009 | 6     | 10  | 23   | 8      | 54     | 0.3       | 2.3     | 1.51  | 88.8      | 17.2194 | 22.84   |
| 2009 | 6     | 10  | 23   | 18     | 54     | 0.3       | 2.3     | 1.58  | 89.2      | 17.2194 | 23.8953 |
| 2009 | 6     | 10  | 23   | 28     | 54     | 0.3       | 2.3     | 1.52  | 89.8      | 17.2194 | 23.041  |
| 2009 | 6     | 10  | 23   | 38     | 54     | 0.3       | 2.3     | 1.57  | 88.7      | 17.2194 | 23.6942 |
| 2009 | 6     | 10  | 23   | 48     | 54     | 0.3       | 2.3     | 1.57  | 89.6      | 17.2194 | 23.845  |
| 2009 | 6     | 10  | 23   | 58     | 54     | 0.3       | 2.3     | 1.6   | 90        | 17.2194 | 24.2472 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 11  | 0    | 8      | 54     | 0.3       | 2.3     | 1.6   | 89.9      | 17.2194 | 24.2974 |
| 2009 | 6     | 11  | 0    | 18     | 54     | 0.3       | 2.3     | 1.6   | 89.2      | 17.2194 | 24.2974 |
| 2009 | 6     | 11  | 0    | 28     | 54     | 0.3       | 2.3     | 1.56  | 89.4      | 17.2194 | 23.5937 |
| 2009 | 6     | 11  | 0    | 38     | 54     | 0.3       | 2.3     | 1.57  | 89.2      | 17.2194 | 23.845  |
| 2009 | 6     | 11  | 0    | 48     | 54     | 0.3       | 2.3     | 1.61  | 87.9      | 17.194  | 24.2618 |
| 2009 | 6     | 11  | 0    | 58     | 54     | 0.3       | 2.3     | 1.58  | 90.2      | 17.2194 | 23.9456 |
| 2009 | 6     | 11  | 1    | 8      | 54     | 0.3       | 2.3     | 1.59  | 88.8      | 17.2194 | 24.0461 |
| 2009 | 6     | 11  | 1    | 18     | 54     | 0.3       | 2.3     | 1.55  | 88.8      | 17.2194 | 23.3927 |
| 2009 | 6     | 11  | 1    | 28     | 54     | 0.3       | 2.3     | 1.6   | 88        | 17.2194 | 24.1969 |
| 2009 | 6     | 11  | 1    | 38     | 54     | 0.3       | 2.3     | 1.59  | 89.3      | 17.194  | 24.0108 |
| 2009 | 6     | 11  | 1    | 48     | 54     | 0.3       | 2.3     | 1.57  | 89.5      | 17.194  | 23.7598 |
| 2009 | 6     | 11  | 1    | 58     | 54     | 0.3       | 2.3     | 1.55  | 87.6      | 17.194  | 23.3584 |
| 2009 | 6     | 11  | 2    | 8      | 54     | 0.3       | 2.3     | 1.6   | 90        | 17.194  | 24.2116 |
| 2009 | 6     | 11  | 2    | 18     | 54     | 0.3       | 2.3     | 1.59  | 90.9      | 17.194  | 24.061  |
| 2009 | 6     | 11  | 2    | 28     | 54     | 0.3       | 2.3     | 1.55  | 89.1      | 17.194  | 23.3584 |
| 2009 | 6     | 11  | 2    | 38     | 54     | 0.3       | 2.3     | 1.57  | 88.8      | 17.194  | 23.7096 |
| 2009 | 6     | 11  | 2    | 48     | 54     | 0.3       | 2.3     | 1.6   | 89.3      | 17.194  | 24.1614 |
| 2009 | 6     | 11  | 2    | 58     | 54     | 0.3       | 2.3     | 1.56  | 89.2      | 17.194  | 23.6093 |
| 2009 | 6     | 11  | 3    | 8      | 54     | 0.3       | 2.3     | 1.62  | 89.8      | 17.194  | 24.5128 |
| 2009 | 6     | 11  | 3    | 18     | 54     | 0.3       | 2.3     | 1.58  | 89.6      | 17.194  | 23.9606 |
| 2009 | 6     | 11  | 3    | 28     | 54     | 0.3       | 2.3     | 1.58  | 88.1      | 17.194  | 23.8602 |
| 2009 | 6     | 11  | 3    | 38     | 54     | 0.3       | 2.3     | 1.59  | 88.7      | 17.194  | 24.0108 |
| 2009 | 6     | 11  | 3    | 48     | 54     | 0.3       | 2.3     | 1.59  | 88.6      | 17.194  | 24.061  |
| 2009 | 6     | 11  | 3    | 58     | 54     | 0.3       | 2.3     | 1.62  | 89.1      | 17.194  | 24.563  |
| 2009 | 6     | 11  | 4    | 8      | 54     | 0.3       | 2.3     | 1.52  | 87.5      | 17.194  | 22.957  |
| 2009 | 6     | 11  | 4    | 18     | 54     | 0.3       | 2.3     | 1.63  | 90        | 17.194  | 24.6634 |
| 2009 | 6     | 11  | 4    | 28     | 54     | 0.3       | 2.3     | 1.62  | 90        | 17.194  | 24.5128 |
| 2009 | 6     | 11  | 4    | 38     | 54     | 0.3       | 2.3     | 1.59  | 88.6      | 17.194  | 23.9606 |
| 2009 | 6     | 11  | 4    | 48     | 54     | 0.3       | 2.3     | 1.61  | 89.3      | 17.194  | 24.312  |
| 2009 | 6     | 11  | 4    | 58     | 54     | 0.3       | 2.3     | 1.62  | 89.3      | 17.194  | 24.5128 |
| 2009 | 6     | 11  | 5    | 8      | 54     | 0.3       | 2.3     | 1.57  | 88.9      | 17.194  | 23.7598 |
| 2009 | 6     | 11  | 5    | 18     | 54     | 0.3       | 2.3     | 1.53  | 88.9      | 17.194  | 23.1075 |
| 2009 | 6     | 11  | 5    | 28     | 54     | 0.3       | 2.3     | 1.58  | 90.8      | 17.194  | 23.8602 |
| 2009 | 6     | 11  | 5    | 38     | 54     | 0.3       | 2.3     | 1.57  | 88.3      | 17.194  | 23.6595 |
| 2009 | 6     | 11  | 5    | 48     | 54     | 0.3       | 2.3     | 1.55  | 87        | 17.194  | 23.3584 |
| 2009 | 6     | 11  | 5    | 58     | 54     | 0.3       | 2.3     | 1.61  | 89.2      | 17.194  | 24.4124 |
| 2009 | 6     | 11  | 6    | 8      | 54     | 0.3       | 2.3     | 1.58  | 88.2      | 17.194  | 23.81   |
| 2009 | 6     | 11  | 6    | 18     | 54     | 0.3       | 2.3     | 1.59  | 89.2      | 17.194  | 24.061  |
| 2009 | 6     | 11  | 6    | 28     | 54     | 0.3       | 2.3     | 1.63  | 89.9      | 17.194  | 24.6634 |
| 2009 | 6     | 11  | 6    | 38     | 54     | 0.3       | 2.3     | 1.54  | 88.7      | 17.194  | 23.3082 |
| 2009 | 6     | 11  | 6    | 48     | 54     | 0.3       | 2.3     | 1.57  | 88.4      | 17.194  | 23.6595 |
| 2009 | 6     | 11  | 6    | 58     | 54     | 0.3       | 2.3     | 1.59  | 88.7      | 17.194  | 24.061  |
| 2009 | 6     | 11  | 7    | 8      | 54     | 0.3       | 2.3     | 1.6   | 88.4      | 17.194  | 24.2116 |
| 2009 | 6     | 11  | 7    | 18     | 54     | 0.3       | 2.3     | 1.57  | 88.8      | 17.194  | 23.7598 |
| 2009 | 6     | 11  | 7    | 28     | 54     | 0.3       | 2.3     | 1.64  | 89.4      | 17.194  | 24.7638 |
| 2009 | 6     | 11  | 7    | 38     | 54     | 0.3       | 2.3     | 1.59  | 89.4      | 17.194  | 24.061  |
| 2009 | 6     | 11  | 7    | 48     | 54     | 0.3       | 2.3     | 1.56  | 89.4      | 17.194  | 23.5089 |
| 2009 | 6     | 11  | 7    | 58     | 54     | 0.3       | 2.3     | 1.54  | 89.6      | 17.194  | 23.3082 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 11  | 8    | 12     | 17     | 0.3       | 2.3     | 1.63  | 90        | 17.194  | 24.6634 |
| 2009 | 6     | 11  | 8    | 22     | 17     | 0.3       | 2.3     | 1.52  | 87.4      | 17.194  | 22.957  |
| 2009 | 6     | 11  | 8    | 32     | 17     | 0.3       | 2.3     | 1.56  | 90.4      | 17.194  | 23.6093 |
| 2009 | 6     | 11  | 8    | 42     | 17     | 0.3       | 2.3     | 1.51  | 88.1      | 17.194  | 22.7563 |
| 2009 | 6     | 11  | 8    | 52     | 17     | 0.3       | 2.3     | 1.55  | 90        | 17.194  | 23.4085 |
| 2009 | 6     | 11  | 9    | 2      | 17     | 0.3       | 2.3     | 1.61  | 89.6      | 17.194  | 24.312  |
| 2009 | 6     | 11  | 9    | 12     | 17     | 0.3       | 2.3     | 1.58  | 90        | 17.194  | 23.9606 |
| 2009 | 6     | 11  | 9    | 22     | 17     | 0.3       | 2.3     | 1.57  | 90.2      | 17.194  | 23.7598 |
| 2009 | 6     | 11  | 9    | 32     | 17     | 0.3       | 2.3     | 1.61  | 89.1      | 17.194  | 24.312  |
| 2009 | 6     | 11  | 9    | 42     | 17     | 0.3       | 2.3     | 1.57  | 90        | 17.194  | 23.7096 |
| 2009 | 6     | 11  | 9    | 52     | 17     | 0.3       | 2.3     | 1.55  | 88.4      | 17.194  | 23.4085 |
| 2009 | 6     | 11  | 10   | 2      | 17     | 0.3       | 2.3     | 1.63  | 89.9      | 17.194  | 24.7136 |
| 2009 | 6     | 11  | 10   | 12     | 17     | 0.3       | 2.3     | 1.6   | 89.1      | 17.194  | 24.2116 |
| 2009 | 6     | 11  | 10   | 22     | 17     | 0.3       | 2.3     | 1.57  | 88.9      | 17.194  | 23.7096 |
| 2009 | 6     | 11  | 10   | 32     | 17     | 0.3       | 2.3     | 1.57  | 89        | 17.194  | 23.7598 |
| 2009 | 6     | 11  | 10   | 42     | 17     | 0.3       | 2.3     | 1.62  | 89.2      | 17.194  | 24.5128 |
| 2009 | 6     | 11  | 10   | 52     | 17     | 0.3       | 2.3     | 1.6   | 90.8      | 17.194  | 24.1614 |
| 2009 | 6     | 11  | 11   | 2      | 17     | 0.3       | 2.3     | 1.56  | 88.2      | 17.194  | 23.6093 |
| 2009 | 6     | 11  | 11   | 12     | 17     | 0.3       | 2.3     | 1.63  | 90        | 17.194  | 24.7136 |
| 2009 | 6     | 11  | 11   | 22     | 17     | 0.3       | 2.3     | 1.58  | 88.8      | 17.2194 | 23.845  |
| 2009 | 6     | 11  | 11   | 32     | 17     | 0.3       | 2.3     | 1.53  | 89.6      | 17.194  | 23.1075 |
| 2009 | 6     | 11  | 11   | 42     | 17     | 0.3       | 2.3     | 1.6   | 91.7      | 17.194  | 24.1112 |
| 2009 | 6     | 11  | 11   | 52     | 17     | 0.3       | 2.3     | 1.6   | 90.1      | 17.2194 | 24.2472 |
| 2009 | 6     | 11  | 12   | 2      | 17     | 0.3       | 2.3     | 1.58  | 89.6      | 17.194  | 23.9104 |
| 2009 | 6     | 11  | 12   | 12     | 17     | 0.3       | 2.3     | 1.57  | 87.2      | 17.2194 | 23.7445 |
| 2009 | 6     | 11  | 12   | 22     | 17     | 0.3       | 2.3     | 1.57  | 88.1      | 17.2194 | 23.7948 |
| 2009 | 6     | 11  | 12   | 32     | 17     | 0.3       | 2.3     | 1.56  | 89        | 17.2194 | 23.644  |
| 2009 | 6     | 11  | 12   | 42     | 17     | 0.3       | 2.3     | 1.54  | 87.8      | 17.2194 | 23.3425 |
| 2009 | 6     | 11  | 12   | 52     | 17     | 0.3       | 2.3     | 1.61  | 88.8      | 17.2194 | 24.4483 |
| 2009 | 6     | 11  | 13   | 2      | 17     | 0.3       | 2.3     | 1.6   | 89.1      | 17.2194 | 24.1969 |
| 2009 | 6     | 11  | 13   | 12     | 17     | 0.3       | 2.3     | 1.59  | 90.4      | 17.2194 | 24.1466 |
| 2009 | 6     | 11  | 13   | 22     | 17     | 0.3       | 2.3     | 1.59  | 90        | 17.2194 | 24.1466 |
| 2009 | 6     | 11  | 13   | 32     | 17     | 0.3       | 2.3     | 1.59  | 88.5      | 17.2194 | 23.9958 |
| 2009 | 6     | 11  | 13   | 42     | 17     | 0.3       | 2.3     | 1.61  | 90        | 17.2194 | 24.4483 |
| 2009 | 6     | 11  | 13   | 52     | 17     | 0.3       | 2.3     | 1.56  | 89        | 17.2194 | 23.5937 |
| 2009 | 6     | 11  | 14   | 2      | 17     | 0.3       | 2.3     | 1.59  | 89.9      | 17.2194 | 24.1466 |
| 2009 | 6     | 11  | 14   | 12     | 17     | 0.3       | 2.3     | 1.62  | 91.3      | 17.2194 | 24.5991 |
| 2009 | 6     | 11  | 14   | 22     | 17     | 0.3       | 2.3     | 1.57  | 89.3      | 17.2448 | 23.8297 |
| 2009 | 6     | 11  | 14   | 32     | 17     | 0.3       | 2.3     | 1.61  | 90.4      | 17.2448 | 24.3835 |
| 2009 | 6     | 11  | 14   | 42     | 17     | 0.3       | 2.3     | 1.65  | 89.9      | 17.2448 | 25.0885 |
| 2009 | 6     | 11  | 14   | 52     | 17     | 0.3       | 2.3     | 1.6   | 90        | 17.2194 | 24.2472 |
| 2009 | 6     | 11  | 15   | 2      | 17     | 0.3       | 2.3     | 1.58  | 89        | 17.2448 | 23.8801 |
| 2009 | 6     | 11  | 15   | 12     | 17     | 0.3       | 2.3     | 1.61  | 88.1      | 17.2448 | 24.3331 |
| 2009 | 6     | 11  | 15   | 22     | 17     | 0.3       | 2.3     | 1.56  | 89.8      | 17.2448 | 23.729  |
| 2009 | 6     | 11  | 15   | 32     | 17     | 0.3       | 2.3     | 1.57  | 88.7      | 17.2448 | 23.729  |
| 2009 | 6     | 11  | 15   | 42     | 17     | 0.3       | 2.3     | 1.57  | 87.2      | 17.2448 | 23.729  |
| 2009 | 6     | 11  | 15   | 52     | 17     | 0.3       | 2.3     | 1.6   | 89.3      | 17.2448 | 24.2324 |
| 2009 | 6     | 11  | 16   | 2      | 17     | 0.3       | 2.3     | 1.58  | 88        | 17.2448 | 23.9304 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 11  | 16   | 12     | 17     | 0.3       | 2.3     | 1.6   | 89.3      | 17.2448 | 24.3331 |
| 2009 | 6     | 11  | 16   | 22     | 17     | 0.3       | 2.3     | 1.53  | 87.4      | 17.2448 | 23.2258 |
| 2009 | 6     | 11  | 16   | 32     | 17     | 0.3       | 2.3     | 1.61  | 89.1      | 17.2448 | 24.4338 |
| 2009 | 6     | 11  | 16   | 42     | 17     | 0.3       | 2.3     | 1.55  | 88.9      | 17.2703 | 23.5118 |
| 2009 | 6     | 11  | 16   | 52     | 17     | 0.3       | 2.3     | 1.59  | 90        | 17.2703 | 24.1671 |
| 2009 | 6     | 11  | 17   | 2      | 17     | 0.3       | 2.3     | 1.6   | 88.9      | 17.2703 | 24.3688 |
| 2009 | 6     | 11  | 17   | 12     | 17     | 0.3       | 2.3     | 1.62  | 89.2      | 17.2703 | 24.5705 |
| 2009 | 6     | 11  | 17   | 22     | 17     | 0.3       | 2.3     | 1.57  | 88.3      | 17.2703 | 23.8647 |
| 2009 | 6     | 11  | 17   | 32     | 17     | 0.3       | 2.3     | 1.51  | 88.1      | 17.2703 | 22.9575 |
| 2009 | 6     | 11  | 17   | 42     | 17     | 0.3       | 2.3     | 1.58  | 88.8      | 17.2703 | 24.0159 |
| 2009 | 6     | 11  | 17   | 52     | 17     | 0.3       | 2.3     | 1.57  | 89.5      | 17.2703 | 23.8143 |
| 2009 | 6     | 11  | 18   | 2      | 17     | 0.3       | 2.3     | 1.52  | 87.4      | 17.2703 | 23.1086 |
| 2009 | 6     | 11  | 18   | 12     | 17     | 0.3       | 2.3     | 1.58  | 90.4      | 17.2957 | 24.0006 |
| 2009 | 6     | 11  | 18   | 22     | 17     | 0.3       | 2.3     | 1.67  | 90.8      | 17.2957 | 25.3642 |
| 2009 | 6     | 11  | 18   | 32     | 17     | 0.3       | 2.3     | 1.59  | 88.3      | 17.2957 | 24.1016 |
| 2009 | 6     | 11  | 18   | 42     | 17     | 0.3       | 2.3     | 1.58  | 88.8      | 17.2957 | 23.9501 |
| 2009 | 6     | 11  | 18   | 52     | 17     | 0.3       | 2.3     | 1.63  | 89.1      | 17.2957 | 24.859  |
| 2009 | 6     | 11  | 19   | 2      | 17     | 0.3       | 2.3     | 1.59  | 90        | 17.2957 | 24.1521 |
| 2009 | 6     | 11  | 19   | 12     | 17     | 0.3       | 2.3     | 1.58  | 90.2      | 17.2957 | 24.0006 |
| 2009 | 6     | 11  | 19   | 22     | 17     | 0.3       | 2.3     | 1.57  | 88.7      | 17.2957 | 23.8996 |
| 2009 | 6     | 11  | 19   | 32     | 17     | 0.3       | 2.3     | 1.61  | 88        | 17.2957 | 24.455  |
| 2009 | 6     | 11  | 19   | 42     | 17     | 0.3       | 2.3     | 1.61  | 88.9      | 17.3211 | 24.5414 |
| 2009 | 6     | 11  | 19   | 52     | 17     | 0.3       | 2.3     | 1.58  | 91        | 17.3211 | 23.9851 |
| 2009 | 6     | 11  | 20   | 2      | 17     | 0.3       | 2.3     | 1.56  | 88.2      | 17.3211 | 23.7324 |
| 2009 | 6     | 11  | 20   | 12     | 17     | 0.3       | 2.3     | 1.54  | 88.9      | 17.3211 | 23.4796 |
| 2009 | 6     | 11  | 20   | 22     | 17     | 0.3       | 2.3     | 1.56  | 90.2      | 17.3211 | 23.7829 |
| 2009 | 6     | 11  | 20   | 32     | 17     | 0.3       | 2.3     | 1.62  | 89.4      | 17.3211 | 24.7437 |
| 2009 | 6     | 11  | 20   | 42     | 17     | 0.3       | 2.3     | 1.59  | 88.3      | 17.3211 | 24.238  |
| 2009 | 6     | 11  | 20   | 52     | 17     | 0.3       | 2.3     | 1.57  | 90.8      | 17.3211 | 23.884  |
| 2009 | 6     | 11  | 21   | 2      | 17     | 0.3       | 2.3     | 1.59  | 90.5      | 17.3211 | 24.1874 |
| 2009 | 6     | 11  | 21   | 12     | 17     | 0.3       | 2.3     | 1.53  | 88.5      | 17.3211 | 23.2774 |
| 2009 | 6     | 11  | 21   | 22     | 17     | 0.3       | 2.3     | 1.59  | 88.8      | 17.3466 | 24.2227 |
| 2009 | 6     | 11  | 21   | 32     | 17     | 0.3       | 2.3     | 1.61  | 88.9      | 17.3466 | 24.5772 |
| 2009 | 6     | 11  | 21   | 42     | 17     | 0.3       | 2.3     | 1.57  | 88.9      | 17.3466 | 23.8683 |
| 2009 | 6     | 11  | 21   | 52     | 17     | 0.3       | 2.3     | 1.56  | 88.4      | 17.3466 | 23.767  |
| 2009 | 6     | 11  | 22   | 2      | 17     | 0.3       | 2.3     | 1.55  | 89.2      | 17.3466 | 23.6152 |
| 2009 | 6     | 11  | 22   | 12     | 17     | 0.3       | 2.3     | 1.62  | 90.8      | 17.3466 | 24.7798 |
| 2009 | 6     | 11  | 22   | 22     | 17     | 0.3       | 2.3     | 1.58  | 90        | 17.3466 | 24.0708 |
| 2009 | 6     | 11  | 22   | 32     | 17     | 0.3       | 2.3     | 1.59  | 89.2      | 17.3466 | 24.324  |
| 2009 | 6     | 11  | 22   | 42     | 17     | 0.3       | 2.3     | 1.61  | 90        | 17.3466 | 24.5266 |
| 2009 | 6     | 11  | 22   | 52     | 17     | 0.3       | 2.3     | 1.56  | 89.3      | 17.3466 | 23.7164 |
| 2009 | 6     | 11  | 23   | 2      | 17     | 0.3       | 2.3     | 1.58  | 89.9      | 17.3466 | 24.1721 |
| 2009 | 6     | 11  | 23   | 12     | 17     | 0.3       | 2.3     | 1.59  | 88.8      | 17.3466 | 24.324  |
| 2009 | 6     | 11  | 23   | 22     | 17     | 0.3       | 2.3     | 1.6   | 88.1      | 17.3466 | 24.3747 |
| 2009 | 6     | 11  | 23   | 32     | 17     | 0.3       | 2.3     | 1.59  | 89.4      | 17.372  | 24.2581 |
| 2009 | 6     | 11  | 23   | 42     | 17     | 0.3       | 2.3     | 1.53  | 88        | 17.3466 | 23.3621 |
| 2009 | 6     | 11  | 23   | 52     | 17     | 0.3       | 2.3     | 1.57  | 90        | 17.372  | 23.9538 |
| 2009 | 6     | 12  | 0    | 2      | 17     | 0.3       | 2.3     | 1.59  | 89.4      | 17.372  | 24.2581 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 12  | 0    | 12     | 17     | 0.3       | 2.3     | 1.57  | 90        | 17.3466 | 23.9696 |
| 2009 | 6     | 12  | 0    | 22     | 17     | 0.3       | 2.3     | 1.6   | 88.1      | 17.372  | 24.4102 |
| 2009 | 6     | 12  | 0    | 32     | 17     | 0.3       | 2.3     | 1.55  | 88.7      | 17.372  | 23.7003 |
| 2009 | 6     | 12  | 0    | 42     | 17     | 0.3       | 2.3     | 1.6   | 88.8      | 17.372  | 24.4609 |
| 2009 | 6     | 12  | 0    | 52     | 17     | 0.3       | 2.3     | 1.59  | 89.2      | 17.372  | 24.3595 |
| 2009 | 6     | 12  | 1    | 2      | 17     | 0.3       | 2.3     | 1.58  | 88.8      | 17.372  | 24.1567 |
| 2009 | 6     | 12  | 1    | 12     | 17     | 0.3       | 2.3     | 1.59  | 89.6      | 17.372  | 24.3088 |
| 2009 | 6     | 12  | 1    | 22     | 17     | 0.3       | 2.3     | 1.59  | 91.2      | 17.372  | 24.3088 |
| 2009 | 6     | 12  | 1    | 32     | 17     | 0.3       | 2.3     | 1.61  | 89.2      | 17.372  | 24.6131 |
| 2009 | 6     | 12  | 1    | 42     | 17     | 0.3       | 2.3     | 1.59  | 87.5      | 17.372  | 24.2074 |
| 2009 | 6     | 12  | 1    | 52     | 17     | 0.3       | 2.3     | 1.57  | 89.2      | 17.372  | 24.0045 |
| 2009 | 6     | 12  | 2    | 2      | 17     | 0.3       | 2.3     | 1.59  | 89.8      | 17.372  | 24.2581 |
| 2009 | 6     | 12  | 2    | 12     | 17     | 0.3       | 2.3     | 1.59  | 88.8      | 17.372  | 24.2581 |
| 2009 | 6     | 12  | 2    | 22     | 17     | 0.3       | 2.3     | 1.6   | 87.2      | 17.372  | 24.3595 |
| 2009 | 6     | 12  | 2    | 32     | 17     | 0.3       | 2.3     | 1.6   | 90        | 17.372  | 24.4102 |
| 2009 | 6     | 12  | 2    | 42     | 17     | 0.3       | 2.3     | 1.59  | 89.6      | 17.372  | 24.3088 |
| 2009 | 6     | 12  | 2    | 52     | 17     | 0.3       | 2.3     | 1.58  | 88.7      | 17.372  | 24.106  |
| 2009 | 6     | 12  | 3    | 2      | 17     | 0.3       | 2.3     | 1.6   | 90.8      | 17.372  | 24.4102 |
| 2009 | 6     | 12  | 3    | 12     | 17     | 0.3       | 2.3     | 1.56  | 88.3      | 17.372  | 23.751  |
| 2009 | 6     | 12  | 3    | 22     | 17     | 0.3       | 2.3     | 1.55  | 87.5      | 17.372  | 23.7003 |
| 2009 | 6     | 12  | 3    | 32     | 17     | 0.3       | 2.3     | 1.56  | 87.7      | 17.372  | 23.8524 |
| 2009 | 6     | 12  | 3    | 42     | 17     | 0.3       | 2.3     | 1.54  | 89.1      | 17.372  | 23.4975 |
| 2009 | 6     | 12  | 3    | 52     | 17     | 0.3       | 2.3     | 1.61  | 89.8      | 17.372  | 24.6131 |
| 2009 | 6     | 12  | 4    | 2      | 17     | 0.3       | 2.3     | 1.62  | 91.7      | 17.372  | 24.816  |
| 2009 | 6     | 12  | 4    | 12     | 17     | 0.3       | 2.3     | 1.58  | 90.7      | 17.3974 | 24.1411 |
| 2009 | 6     | 12  | 4    | 22     | 17     | 0.3       | 2.3     | 1.57  | 88        | 17.3974 | 24.0395 |
| 2009 | 6     | 12  | 4    | 32     | 17     | 0.3       | 2.3     | 1.59  | 89.2      | 17.3974 | 24.2934 |
| 2009 | 6     | 12  | 4    | 42     | 17     | 0.3       | 2.3     | 1.56  | 88.7      | 17.3974 | 23.7856 |
| 2009 | 6     | 12  | 4    | 52     | 17     | 0.3       | 2.3     | 1.63  | 88.2      | 17.3974 | 24.903  |
| 2009 | 6     | 12  | 5    | 2      | 17     | 0.3       | 2.3     | 1.6   | 90        | 17.4229 | 24.5322 |
| 2009 | 6     | 12  | 5    | 12     | 17     | 0.3       | 2.3     | 1.57  | 88.1      | 17.4229 | 23.9728 |
| 2009 | 6     | 12  | 5    | 22     | 17     | 0.3       | 2.3     | 1.55  | 90.1      | 17.4229 | 23.7694 |
| 2009 | 6     | 12  | 5    | 32     | 17     | 0.3       | 2.3     | 1.6   | 90        | 17.4229 | 24.5831 |
| 2009 | 6     | 12  | 5    | 42     | 17     | 0.3       | 2.3     | 1.52  | 88.8      | 17.4484 | 23.2948 |
| 2009 | 6     | 12  | 5    | 52     | 17     | 0.3       | 2.3     | 1.61  | 90.5      | 17.4484 | 24.7717 |
| 2009 | 6     | 12  | 6    | 2      | 17     | 0.3       | 2.3     | 1.61  | 89.7      | 17.4484 | 24.7717 |
| 2009 | 6     | 12  | 6    | 12     | 17     | 0.3       | 2.3     | 1.66  | 90.3      | 17.4738 | 25.522  |
| 2009 | 6     | 12  | 6    | 22     | 17     | 0.3       | 2.3     | 1.58  | 89.5      | 17.4738 | 24.2975 |
| 2009 | 6     | 12  | 6    | 32     | 17     | 0.3       | 2.3     | 1.62  | 89.2      | 17.4738 | 24.8587 |
| 2009 | 6     | 12  | 6    | 42     | 17     | 0.3       | 2.3     | 1.6   | 89.6      | 17.4993 | 24.5882 |
| 2009 | 6     | 12  | 6    | 52     | 17     | 0.3       | 2.3     | 1.56  | 87.9      | 17.4993 | 23.9242 |
| 2009 | 6     | 12  | 7    | 2      | 17     | 0.3       | 2.3     | 1.57  | 88.8      | 17.4993 | 24.1795 |
| 2009 | 6     | 12  | 7    | 12     | 17     | 0.3       | 2.3     | 1.6   | 88.5      | 17.4993 | 24.5371 |
| 2009 | 6     | 12  | 7    | 22     | 17     | 0.3       | 2.3     | 1.59  | 90.6      | 17.4993 | 24.4349 |
| 2009 | 6     | 12  | 7    | 32     | 17     | 0.3       | 2.3     | 1.57  | 89.2      | 17.4993 | 24.0774 |
| 2009 | 6     | 12  | 7    | 42     | 17     | 0.3       | 2.3     | 1.56  | 88.4      | 17.4993 | 24.0263 |
| 2009 | 6     | 12  | 7    | 52     | 17     | 0.3       | 2.3     | 1.6   | 90        | 17.4993 | 24.6903 |
| 2009 | 6     | 12  | 8    | 2      | 17     | 0.3       | 2.3     | 1.58  | 89.8      | 17.5248 | 24.3168 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 12  | 8    | 12     | 17     | 0.3       | 2.3     | 1.57  | 88.7      | 17.5248 | 24.1634 |
| 2009 | 6     | 12  | 8    | 22     | 17     | 0.3       | 2.3     | 1.6   | 88.4      | 17.5248 | 24.6238 |
| 2009 | 6     | 12  | 8    | 32     | 17     | 0.3       | 2.3     | 1.6   | 90.4      | 17.5248 | 24.6749 |
| 2009 | 6     | 12  | 8    | 42     | 17     | 0.3       | 2.3     | 1.57  | 90.6      | 17.5248 | 24.2145 |
| 2009 | 6     | 12  | 8    | 52     | 17     | 0.3       | 2.3     | 1.58  | 87.9      | 17.5248 | 24.368  |
| 2009 | 6     | 12  | 9    | 2      | 17     | 0.3       | 2.3     | 1.61  | 89.3      | 17.5248 | 24.7773 |
| 2009 | 6     | 12  | 9    | 12     | 17     | 0.3       | 2.3     | 1.53  | 89.1      | 17.5248 | 23.5497 |
| 2009 | 6     | 12  | 9    | 22     | 17     | 0.3       | 2.3     | 1.58  | 89.5      | 17.5248 | 24.4192 |
| 2009 | 6     | 12  | 9    | 32     | 17     | 0.3       | 2.3     | 1.62  | 90        | 17.5248 | 24.9308 |
| 2009 | 6     | 12  | 9    | 42     | 17     | 0.3       | 2.3     | 1.56  | 89.2      | 17.5248 | 24.0611 |
| 2009 | 6     | 12  | 9    | 52     | 17     | 0.3       | 2.3     | 1.58  | 89.5      | 17.5248 | 24.4192 |
| 2009 | 6     | 12  | 10   | 2      | 17     | 0.3       | 2.3     | 1.52  | 87.3      | 17.5503 | 23.4813 |
| 2009 | 6     | 12  | 10   | 12     | 17     | 0.3       | 2.3     | 1.6   | 88.5      | 17.5503 | 24.7619 |
| 2009 | 6     | 12  | 10   | 22     | 17     | 0.3       | 2.3     | 1.65  | 90.9      | 17.5503 | 25.4281 |
| 2009 | 6     | 12  | 10   | 32     | 17     | 0.3       | 2.3     | 1.58  | 90.4      | 17.5503 | 24.352  |
| 2009 | 6     | 12  | 10   | 42     | 17     | 0.3       | 2.3     | 1.58  | 87.7      | 17.5503 | 24.4032 |
| 2009 | 6     | 12  | 10   | 52     | 17     | 0.3       | 2.3     | 1.59  | 89.6      | 17.5503 | 24.6082 |
| 2009 | 6     | 12  | 11   | 2      | 17     | 0.3       | 2.3     | 1.59  | 89.6      | 17.5503 | 24.5057 |
| 2009 | 6     | 12  | 11   | 12     | 17     | 0.3       | 2.3     | 1.57  | 88.6      | 17.5503 | 24.1471 |
| 2009 | 6     | 12  | 11   | 22     | 17     | 0.3       | 2.3     | 1.52  | 86.7      | 17.5503 | 23.3789 |
| 2009 | 6     | 12  | 11   | 32     | 17     | 0.3       | 2.3     | 1.6   | 88.6      | 17.5503 | 24.7619 |
| 2009 | 6     | 12  | 11   | 42     | 17     | 0.3       | 2.3     | 1.58  | 88.4      | 17.5503 | 24.3008 |
| 2009 | 6     | 12  | 11   | 52     | 17     | 0.3       | 2.3     | 1.58  | 89.3      | 17.5503 | 24.4032 |
| 2009 | 6     | 12  | 12   | 2      | 17     | 0.3       | 2.3     | 1.59  | 89.1      | 17.5503 | 24.5057 |
| 2009 | 6     | 12  | 12   | 12     | 17     | 0.3       | 2.3     | 1.57  | 90.1      | 17.5503 | 24.2496 |
| 2009 | 6     | 12  | 12   | 22     | 17     | 0.3       | 2.3     | 1.54  | 87.1      | 17.5503 | 23.7886 |
| 2009 | 6     | 12  | 12   | 32     | 17     | 0.3       | 2.3     | 1.61  | 88        | 17.5503 | 24.7619 |
| 2009 | 6     | 12  | 12   | 42     | 17     | 0.3       | 2.3     | 1.56  | 90        | 17.5503 | 24.0447 |
| 2009 | 6     | 12  | 12   | 52     | 17     | 0.3       | 2.3     | 1.59  | 90        | 17.5503 | 24.5057 |
| 2009 | 6     | 12  | 13   | 2      | 17     | 0.3       | 2.3     | 1.6   | 87.2      | 17.5757 | 24.6437 |
| 2009 | 6     | 12  | 13   | 12     | 17     | 0.3       | 2.3     | 1.62  | 89.9      | 17.5757 | 25.0029 |
| 2009 | 6     | 12  | 13   | 22     | 17     | 0.3       | 2.3     | 1.63  | 88.7      | 17.5757 | 25.2595 |
| 2009 | 6     | 12  | 13   | 32     | 17     | 0.3       | 2.3     | 1.56  | 87        | 17.5757 | 24.1307 |
| 2009 | 6     | 12  | 13   | 42     | 17     | 0.3       | 2.3     | 1.57  | 90.1      | 17.5757 | 24.2846 |
| 2009 | 6     | 12  | 13   | 52     | 17     | 0.3       | 2.3     | 1.57  | 89.6      | 17.5757 | 24.3359 |
| 2009 | 6     | 12  | 14   | 2      | 17     | 0.3       | 2.3     | 1.55  | 88.4      | 17.5757 | 23.9768 |
| 2009 | 6     | 12  | 14   | 12     | 17     | 0.3       | 2.3     | 1.62  | 88        | 17.5757 | 24.9516 |
| 2009 | 6     | 12  | 14   | 22     | 17     | 0.3       | 2.3     | 1.61  | 88.5      | 17.5757 | 24.9516 |
| 2009 | 6     | 12  | 14   | 32     | 17     | 0.3       | 2.3     | 1.55  | 88.2      | 17.5757 | 23.9768 |
| 2009 | 6     | 12  | 14   | 42     | 17     | 0.3       | 2.3     | 1.54  | 88.7      | 17.5757 | 23.823  |
| 2009 | 6     | 12  | 14   | 52     | 17     | 0.3       | 2.3     | 1.62  | 88.5      | 17.5757 | 25.0542 |
| 2009 | 6     | 12  | 15   | 2      | 17     | 0.3       | 2.3     | 1.56  | 87        | 17.5757 | 24.0281 |
| 2009 | 6     | 12  | 15   | 12     | 17     | 0.3       | 2.3     | 1.6   | 90.2      | 17.5757 | 24.7977 |
| 2009 | 6     | 12  | 15   | 22     | 17     | 0.3       | 2.3     | 1.59  | 87.4      | 17.5757 | 24.5924 |
| 2009 | 6     | 12  | 15   | 32     | 17     | 0.3       | 2.3     | 1.57  | 88.3      | 17.6012 | 24.2169 |
| 2009 | 6     | 12  | 15   | 42     | 17     | 0.3       | 2.3     | 1.59  | 88.9      | 17.6012 | 24.5765 |
| 2009 | 6     | 12  | 15   | 52     | 17     | 0.3       | 2.3     | 1.55  | 89.2      | 17.6012 | 24.0114 |
| 2009 | 6     | 12  | 16   | 2      | 17     | 0.3       | 2.3     | 1.6   | 89.5      | 17.6012 | 24.7307 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 12  | 16   | 12     | 17     | 0.3       | 2.3     | 1.58  | 87.7      | 17.6012 | 24.371  |
| 2009 | 6     | 12  | 16   | 22     | 17     | 0.3       | 2.3     | 1.57  | 88.4      | 17.6012 | 24.2169 |
| 2009 | 6     | 12  | 16   | 32     | 17     | 0.3       | 2.3     | 1.57  | 89.4      | 17.6012 | 24.2169 |
| 2009 | 6     | 12  | 16   | 42     | 17     | 0.3       | 2.3     | 1.58  | 88.3      | 17.6012 | 24.371  |
| 2009 | 6     | 12  | 16   | 52     | 17     | 0.3       | 2.3     | 1.59  | 89.4      | 17.6012 | 24.6279 |
| 2009 | 6     | 12  | 17   | 2      | 17     | 0.3       | 2.3     | 1.55  | 88.5      | 17.6012 | 24.0114 |
| 2009 | 6     | 12  | 17   | 12     | 17     | 0.3       | 2.3     | 1.59  | 87.8      | 17.6012 | 24.6279 |
| 2009 | 6     | 12  | 17   | 22     | 17     | 0.3       | 2.3     | 1.57  | 88.3      | 17.6012 | 24.3196 |
| 2009 | 6     | 12  | 17   | 32     | 17     | 0.3       | 2.3     | 1.52  | 87        | 17.6012 | 23.5492 |
| 2009 | 6     | 12  | 17   | 42     | 17     | 0.3       | 2.3     | 1.53  | 88.6      | 17.6012 | 23.6519 |
| 2009 | 6     | 12  | 17   | 52     | 17     | 0.3       | 2.3     | 1.58  | 90        | 17.6012 | 24.5251 |
| 2009 | 6     | 12  | 18   | 2      | 17     | 0.3       | 2.3     | 1.56  | 88.2      | 17.6012 | 24.1655 |
| 2009 | 6     | 12  | 18   | 12     | 17     | 0.3       | 2.3     | 1.56  | 87.5      | 17.6012 | 24.1655 |
| 2009 | 6     | 12  | 18   | 22     | 17     | 0.3       | 2.3     | 1.57  | 89.2      | 17.6267 | 24.4061 |
| 2009 | 6     | 12  | 18   | 32     | 17     | 0.3       | 2.3     | 1.59  | 90        | 17.6267 | 24.6634 |
| 2009 | 6     | 12  | 18   | 42     | 17     | 0.3       | 2.3     | 1.58  | 89.6      | 17.6267 | 24.5605 |
| 2009 | 6     | 12  | 18   | 52     | 17     | 0.3       | 2.3     | 1.53  | 87.8      | 17.6267 | 23.686  |
| 2009 | 6     | 12  | 19   | 2      | 17     | 0.3       | 2.3     | 1.54  | 87.4      | 17.6267 | 23.8403 |
| 2009 | 6     | 12  | 19   | 12     | 17     | 0.3       | 2.3     | 1.58  | 88.9      | 17.6267 | 24.5605 |
| 2009 | 6     | 12  | 19   | 22     | 17     | 0.3       | 2.3     | 1.58  | 88        | 17.6267 | 24.509  |
| 2009 | 6     | 12  | 19   | 32     | 17     | 0.3       | 2.3     | 1.59  | 88.7      | 17.6267 | 24.6634 |
| 2009 | 6     | 12  | 19   | 42     | 17     | 0.3       | 2.3     | 1.58  | 89.9      | 17.6267 | 24.5605 |
| 2009 | 6     | 12  | 19   | 52     | 17     | 0.3       | 2.3     | 1.57  | 88        | 17.6267 | 24.3032 |
| 2009 | 6     | 12  | 20   | 2      | 17     | 0.3       | 2.3     | 1.57  | 89.4      | 17.6267 | 24.4061 |
| 2009 | 6     | 12  | 20   | 12     | 17     | 0.3       | 2.3     | 1.59  | 88.6      | 17.6522 | 24.7504 |
| 2009 | 6     | 12  | 20   | 22     | 17     | 0.3       | 2.3     | 1.56  | 89.8      | 17.6267 | 24.2518 |
| 2009 | 6     | 12  | 20   | 32     | 17     | 0.3       | 2.3     | 1.58  | 87.3      | 17.6522 | 24.4928 |
| 2009 | 6     | 12  | 20   | 42     | 17     | 0.3       | 2.3     | 1.61  | 86.4      | 17.6267 | 24.9721 |
| 2009 | 6     | 12  | 20   | 52     | 17     | 0.3       | 2.3     | 1.6   | 89.5      | 17.6267 | 24.8178 |
| 2009 | 6     | 12  | 21   | 2      | 17     | 0.3       | 2.3     | 1.58  | 89.6      | 17.6522 | 24.5443 |
| 2009 | 6     | 12  | 21   | 12     | 17     | 0.3       | 2.3     | 1.62  | 90.8      | 17.6522 | 25.1627 |
| 2009 | 6     | 12  | 21   | 22     | 17     | 0.3       | 2.3     | 1.58  | 88.7      | 17.6522 | 24.4413 |
| 2009 | 6     | 12  | 21   | 32     | 17     | 0.3       | 2.3     | 1.56  | 90.5      | 17.6522 | 24.1837 |
| 2009 | 6     | 12  | 21   | 42     | 17     | 0.3       | 2.3     | 1.56  | 88.3      | 17.6522 | 24.1321 |
| 2009 | 6     | 12  | 21   | 52     | 17     | 0.3       | 2.3     | 1.55  | 87.4      | 17.6522 | 23.9776 |
| 2009 | 6     | 12  | 22   | 2      | 17     | 0.3       | 2.3     | 1.51  | 87.9      | 17.6522 | 23.4626 |
| 2009 | 6     | 12  | 22   | 12     | 17     | 0.3       | 2.3     | 1.57  | 89.3      | 17.6522 | 24.4413 |
| 2009 | 6     | 12  | 22   | 22     | 17     | 0.3       | 2.3     | 1.58  | 88.3      | 17.6522 | 24.5443 |
| 2009 | 6     | 12  | 22   | 32     | 17     | 0.3       | 2.3     | 1.53  | 88.5      | 17.6522 | 23.7716 |
| 2009 | 6     | 12  | 22   | 42     | 17     | 0.3       | 2.3     | 1.64  | 88.9      | 17.6522 | 25.4204 |
| 2009 | 6     | 12  | 22   | 52     | 17     | 0.3       | 2.3     | 1.54  | 86.6      | 17.6522 | 23.8746 |
| 2009 | 6     | 12  | 23   | 2      | 17     | 0.3       | 2.3     | 1.58  | 87.5      | 17.6522 | 24.4413 |
| 2009 | 6     | 12  | 23   | 12     | 17     | 0.3       | 2.3     | 1.54  | 87.8      | 17.6522 | 23.9261 |
| 2009 | 6     | 12  | 23   | 22     | 17     | 0.3       | 2.3     | 1.61  | 88.6      | 17.6522 | 25.0596 |
| 2009 | 6     | 12  | 23   | 32     | 17     | 0.3       | 2.3     | 1.59  | 87.7      | 17.6522 | 24.5958 |
| 2009 | 6     | 12  | 23   | 42     | 17     | 0.3       | 2.3     | 1.59  | 86.9      | 17.6522 | 24.5958 |
| 2009 | 6     | 12  | 23   | 52     | 17     | 0.3       | 2.3     | 1.56  | 87        | 17.6522 | 24.1837 |
| 2009 | 6     | 13  | 0    | 2      | 17     | 0.3       | 2.3     | 1.57  | 89.4      | 17.6522 | 24.3897 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 13  | 0    | 12     | 17     | 0.3       | 2.3     | 1.58  | 88.8      | 17.6522 | 24.4413 |
| 2009 | 6     | 13  | 0    | 22     | 17     | 0.3       | 2.3     | 1.62  | 90        | 17.6522 | 25.1112 |
| 2009 | 6     | 13  | 0    | 32     | 17     | 0.3       | 2.3     | 1.56  | 89.2      | 17.6522 | 24.1321 |
| 2009 | 6     | 13  | 0    | 42     | 17     | 0.3       | 2.3     | 1.59  | 87.4      | 17.6522 | 24.5958 |
| 2009 | 6     | 13  | 0    | 52     | 17     | 0.3       | 2.3     | 1.63  | 89.2      | 17.6522 | 25.3173 |
| 2009 | 6     | 13  | 1    | 2      | 17     | 0.3       | 2.3     | 1.56  | 87.2      | 17.6522 | 24.1837 |
| 2009 | 6     | 13  | 1    | 12     | 17     | 0.3       | 2.3     | 1.59  | 88.6      | 17.6522 | 24.6474 |
| 2009 | 6     | 13  | 1    | 22     | 17     | 0.3       | 2.3     | 1.6   | 90.2      | 17.6267 | 24.7663 |
| 2009 | 6     | 13  | 1    | 32     | 17     | 0.3       | 2.3     | 1.58  | 89.6      | 17.6267 | 24.4576 |
| 2009 | 6     | 13  | 1    | 42     | 17     | 0.3       | 2.3     | 1.55  | 89.2      | 17.6522 | 24.0806 |
| 2009 | 6     | 13  | 1    | 52     | 17     | 0.3       | 2.3     | 1.61  | 89.6      | 17.6267 | 24.9721 |
| 2009 | 6     | 13  | 2    | 2      | 17     | 0.3       | 2.3     | 1.54  | 88.8      | 17.6267 | 23.7888 |
| 2009 | 6     | 13  | 2    | 12     | 17     | 0.3       | 2.3     | 1.55  | 87.2      | 17.6522 | 24.0806 |
| 2009 | 6     | 13  | 2    | 22     | 17     | 0.3       | 2.3     | 1.58  | 88        | 17.6267 | 24.509  |
| 2009 | 6     | 13  | 2    | 32     | 17     | 0.3       | 2.3     | 1.57  | 88.7      | 17.6267 | 24.2518 |
| 2009 | 6     | 13  | 2    | 42     | 17     | 0.3       | 2.3     | 1.56  | 89.3      | 17.6267 | 24.2003 |
| 2009 | 6     | 13  | 2    | 52     | 17     | 0.3       | 2.3     | 1.57  | 89.3      | 17.6267 | 24.3547 |
| 2009 | 6     | 13  | 3    | 2      | 17     | 0.3       | 2.3     | 1.6   | 90        | 17.6267 | 24.7663 |
| 2009 | 6     | 13  | 3    | 12     | 17     | 0.3       | 2.3     | 1.59  | 88.8      | 17.6267 | 24.6634 |
| 2009 | 6     | 13  | 3    | 22     | 17     | 0.3       | 2.3     | 1.54  | 89.6      | 17.6267 | 23.8917 |
| 2009 | 6     | 13  | 3    | 32     | 17     | 0.3       | 2.3     | 1.6   | 90.4      | 17.6267 | 24.8692 |
| 2009 | 6     | 13  | 3    | 42     | 17     | 0.3       | 2.3     | 1.58  | 88.3      | 17.6267 | 24.4061 |
| 2009 | 6     | 13  | 3    | 52     | 17     | 0.3       | 2.3     | 1.56  | 88.7      | 17.6267 | 24.2003 |
| 2009 | 6     | 13  | 4    | 2      | 17     | 0.3       | 2.3     | 1.58  | 89.5      | 17.6267 | 24.509  |
| 2009 | 6     | 13  | 4    | 12     | 17     | 0.3       | 2.3     | 1.56  | 87        | 17.6267 | 24.2003 |
| 2009 | 6     | 13  | 4    | 22     | 17     | 0.3       | 2.3     | 1.58  | 87.6      | 17.6267 | 24.509  |
| 2009 | 6     | 13  | 4    | 32     | 17     | 0.3       | 2.3     | 1.56  | 87.9      | 17.6267 | 24.0975 |
| 2009 | 6     | 13  | 4    | 42     | 17     | 0.3       | 2.3     | 1.57  | 90        | 17.6267 | 24.3547 |
| 2009 | 6     | 13  | 4    | 52     | 17     | 0.3       | 2.3     | 1.51  | 86.5      | 17.6267 | 23.3774 |
| 2009 | 6     | 13  | 5    | 2      | 17     | 0.3       | 2.3     | 1.5   | 86.4      | 17.6267 | 23.2232 |
| 2009 | 6     | 13  | 5    | 12     | 17     | 0.3       | 2.3     | 1.57  | 89.3      | 17.6267 | 24.2518 |
| 2009 | 6     | 13  | 5    | 22     | 17     | 0.3       | 2.3     | 1.55  | 89.5      | 17.6267 | 23.9946 |
| 2009 | 6     | 13  | 5    | 32     | 17     | 0.3       | 2.3     | 1.56  | 87.7      | 17.6267 | 24.2003 |
| 2009 | 6     | 13  | 5    | 42     | 17     | 0.3       | 2.3     | 1.57  | 89.2      | 17.6267 | 24.3032 |
| 2009 | 6     | 13  | 5    | 52     | 17     | 0.3       | 2.3     | 1.53  | 89.4      | 17.6267 | 23.6345 |
| 2009 | 6     | 13  | 6    | 2      | 17     | 0.3       | 2.3     | 1.56  | 88.4      | 17.6267 | 24.1489 |
| 2009 | 6     | 13  | 6    | 12     | 17     | 0.3       | 2.3     | 1.57  | 89.2      | 17.6267 | 24.3032 |
| 2009 | 6     | 13  | 6    | 22     | 17     | 0.3       | 2.3     | 1.56  | 88.2      | 17.6267 | 24.1489 |
| 2009 | 6     | 13  | 6    | 32     | 17     | 0.3       | 2.3     | 1.59  | 89.9      | 17.6267 | 24.7148 |
| 2009 | 6     | 13  | 6    | 42     | 17     | 0.3       | 2.3     | 1.57  | 88.9      | 17.6267 | 24.2518 |
| 2009 | 6     | 13  | 6    | 52     | 17     | 0.3       | 2.3     | 1.59  | 88.7      | 17.6267 | 24.6119 |
| 2009 | 6     | 13  | 7    | 2      | 17     | 0.3       | 2.3     | 1.55  | 89.8      | 17.6267 | 24.046  |
| 2009 | 6     | 13  | 7    | 12     | 17     | 0.3       | 2.3     | 1.54  | 86.6      | 17.6267 | 23.8403 |
| 2009 | 6     | 13  | 7    | 22     | 17     | 0.3       | 2.3     | 1.6   | 88.6      | 17.6267 | 24.8178 |
| 2009 | 6     | 13  | 7    | 32     | 17     | 0.3       | 2.3     | 1.55  | 88.9      | 17.6522 | 23.9776 |
| 2009 | 6     | 13  | 7    | 42     | 17     | 0.3       | 2.3     | 1.54  | 89.8      | 17.6522 | 23.9261 |
| 2009 | 6     | 13  | 7    | 52     | 17     | 0.3       | 2.3     | 1.59  | 88.1      | 17.6522 | 24.6474 |
| 2009 | 6     | 13  | 8    | 2      | 17     | 0.3       | 2.3     | 1.55  | 88.7      | 17.6522 | 23.9776 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 13  | 8    | 12     | 17     | 0.3       | 2.3     | 1.54  | 88.2      | 17.6267 | 23.8917 |
| 2009 | 6     | 13  | 8    | 22     | 17     | 0.3       | 2.3     | 1.6   | 88.9      | 17.6522 | 24.905  |
| 2009 | 6     | 13  | 8    | 32     | 17     | 0.3       | 2.3     | 1.55  | 87.8      | 17.6522 | 24.0291 |
| 2009 | 6     | 13  | 8    | 42     | 17     | 0.3       | 2.3     | 1.56  | 89.9      | 17.6522 | 24.1321 |
| 2009 | 6     | 13  | 8    | 52     | 17     | 0.3       | 2.3     | 1.59  | 90.4      | 17.6522 | 24.6474 |
| 2009 | 6     | 13  | 9    | 2      | 17     | 0.3       | 2.3     | 1.54  | 89.6      | 17.6522 | 23.8746 |
| 2009 | 6     | 13  | 9    | 12     | 17     | 0.3       | 2.3     | 1.58  | 88        | 17.6522 | 24.4413 |
| 2009 | 6     | 13  | 9    | 22     | 17     | 0.3       | 2.3     | 1.51  | 87.8      | 17.6522 | 23.4111 |
| 2009 | 6     | 13  | 9    | 32     | 17     | 0.3       | 2.3     | 1.61  | 87.6      | 17.6522 | 25.0081 |
| 2009 | 6     | 13  | 9    | 42     | 17     | 0.3       | 2.3     | 1.57  | 89.2      | 17.6777 | 24.3732 |
| 2009 | 6     | 13  | 9    | 52     | 17     | 0.3       | 2.3     | 1.56  | 89.2      | 17.6522 | 24.1321 |
| 2009 | 6     | 13  | 10   | 2      | 17     | 0.3       | 2.3     | 1.6   | 89.9      | 17.6522 | 24.905  |
| 2009 | 6     | 13  | 10   | 12     | 17     | 0.3       | 2.3     | 1.55  | 89.2      | 17.6522 | 24.0806 |
| 2009 | 6     | 13  | 10   | 22     | 17     | 0.3       | 2.3     | 1.58  | 88.9      | 17.6777 | 24.528  |
| 2009 | 6     | 13  | 10   | 32     | 17     | 0.3       | 2.3     | 1.56  | 89.4      | 17.6522 | 24.1321 |
| 2009 | 6     | 13  | 10   | 42     | 17     | 0.3       | 2.3     | 1.53  | 88.5      | 17.6522 | 23.7201 |
| 2009 | 6     | 13  | 10   | 52     | 17     | 0.3       | 2.3     | 1.59  | 89.2      | 17.6522 | 24.6989 |
| 2009 | 6     | 13  | 11   | 2      | 17     | 0.3       | 2.3     | 1.55  | 91.3      | 17.6522 | 23.9776 |
| 2009 | 6     | 13  | 11   | 12     | 17     | 0.3       | 2.3     | 1.52  | 88.8      | 17.6777 | 23.5994 |
| 2009 | 6     | 13  | 11   | 22     | 17     | 0.3       | 2.3     | 1.58  | 89.3      | 17.6522 | 24.4928 |
| 2009 | 6     | 13  | 11   | 32     | 17     | 0.3       | 2.3     | 1.63  | 89.3      | 17.6522 | 25.3173 |
| 2009 | 6     | 13  | 11   | 42     | 17     | 0.3       | 2.3     | 1.54  | 87.1      | 17.6522 | 23.9261 |
| 2009 | 6     | 13  | 11   | 52     | 17     | 0.3       | 2.3     | 1.56  | 89        | 17.6522 | 24.1837 |
| 2009 | 6     | 13  | 12   | 2      | 17     | 0.3       | 2.3     | 1.58  | 88.3      | 17.6522 | 24.5443 |
| 2009 | 6     | 13  | 12   | 12     | 17     | 0.3       | 2.3     | 1.59  | 88.6      | 17.6522 | 24.5958 |
| 2009 | 6     | 13  | 12   | 22     | 17     | 0.3       | 2.3     | 1.62  | 89.3      | 17.6777 | 25.1472 |
| 2009 | 6     | 13  | 12   | 32     | 17     | 0.3       | 2.3     | 1.56  | 88.4      | 17.6777 | 24.2184 |
| 2009 | 6     | 13  | 12   | 42     | 17     | 0.3       | 2.3     | 1.57  | 88.2      | 17.6777 | 24.3732 |
| 2009 | 6     | 13  | 12   | 52     | 17     | 0.3       | 2.3     | 1.59  | 90        | 17.6777 | 24.6828 |
| 2009 | 6     | 13  | 13   | 2      | 17     | 0.3       | 2.3     | 1.58  | 87        | 17.6522 | 24.5443 |
| 2009 | 6     | 13  | 13   | 12     | 17     | 0.3       | 2.3     | 1.57  | 88        | 17.6522 | 24.3897 |
| 2009 | 6     | 13  | 13   | 22     | 17     | 0.3       | 2.3     | 1.6   | 87.9      | 17.6777 | 24.786  |
| 2009 | 6     | 13  | 13   | 32     | 17     | 0.3       | 2.3     | 1.62  | 89.2      | 17.6522 | 25.1112 |
| 2009 | 6     | 13  | 13   | 42     | 17     | 0.3       | 2.3     | 1.59  | 89.4      | 17.6522 | 24.6474 |
| 2009 | 6     | 13  | 13   | 52     | 17     | 0.3       | 2.3     | 1.57  | 88.9      | 17.6522 | 24.3897 |
| 2009 | 6     | 13  | 14   | 2      | 17     | 0.3       | 2.3     | 1.57  | 89.2      | 17.6522 | 24.3382 |
| 2009 | 6     | 13  | 14   | 12     | 17     | 0.3       | 2.3     | 1.56  | 87.3      | 17.6777 | 24.2184 |
| 2009 | 6     | 13  | 14   | 22     | 17     | 0.3       | 2.3     | 1.57  | 88.8      | 17.6522 | 24.2867 |
| 2009 | 6     | 13  | 14   | 32     | 17     | 0.3       | 2.3     | 1.57  | 88.6      | 17.6522 | 24.2867 |
| 2009 | 6     | 13  | 14   | 42     | 17     | 0.3       | 2.3     | 1.58  | 88        | 17.6522 | 24.5443 |
| 2009 | 6     | 13  | 14   | 52     | 17     | 0.3       | 2.3     | 1.6   | 89.5      | 17.6777 | 24.8376 |
| 2009 | 6     | 13  | 15   | 2      | 17     | 0.3       | 2.3     | 1.57  | 88.8      | 17.6522 | 24.3897 |
| 2009 | 6     | 13  | 15   | 12     | 17     | 0.3       | 2.3     | 1.58  | 90.4      | 17.6522 | 24.4928 |
| 2009 | 6     | 13  | 15   | 22     | 17     | 0.3       | 2.3     | 1.53  | 88.4      | 17.6522 | 23.7201 |
| 2009 | 6     | 13  | 15   | 32     | 17     | 0.3       | 2.3     | 1.63  | 88        | 17.6522 | 25.2658 |
| 2009 | 6     | 13  | 15   | 42     | 17     | 0.3       | 2.3     | 1.54  | 88.3      | 17.6522 | 23.8231 |
| 2009 | 6     | 13  | 15   | 52     | 17     | 0.3       | 2.3     | 1.59  | 88.5      | 17.6522 | 24.5958 |
| 2009 | 6     | 13  | 16   | 2      | 17     | 0.3       | 2.3     | 1.52  | 86.8      | 17.6522 | 23.5141 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 13  | 16   | 12     | 17     | 0.3       | 2.3     | 1.57  | 88.4      | 17.6522 | 24.3382 |
| 2009 | 6     | 13  | 16   | 22     | 17     | 0.3       | 2.3     | 1.54  | 87.7      | 17.6522 | 23.9261 |
| 2009 | 6     | 13  | 16   | 32     | 17     | 0.3       | 2.3     | 1.64  | 89.5      | 17.6522 | 25.472  |
| 2009 | 6     | 13  | 16   | 42     | 17     | 0.3       | 2.3     | 1.58  | 89.3      | 17.6522 | 24.5958 |
| 2009 | 6     | 13  | 16   | 52     | 17     | 0.3       | 2.3     | 1.61  | 89.8      | 17.6522 | 25.0081 |
| 2009 | 6     | 13  | 17   | 2      | 17     | 0.3       | 2.3     | 1.6   | 89.6      | 17.6522 | 24.905  |
| 2009 | 6     | 13  | 17   | 12     | 17     | 0.3       | 2.3     | 1.59  | 88.8      | 17.6522 | 24.6989 |
| 2009 | 6     | 13  | 17   | 22     | 17     | 0.3       | 2.3     | 1.49  | 86.2      | 17.6522 | 22.9991 |
| 2009 | 6     | 13  | 17   | 32     | 17     | 0.3       | 2.3     | 1.56  | 89.4      | 17.6522 | 24.1837 |
| 2009 | 6     | 13  | 17   | 42     | 17     | 0.3       | 2.3     | 1.61  | 90.2      | 17.6522 | 24.9565 |
| 2009 | 6     | 13  | 17   | 52     | 17     | 0.3       | 2.3     | 1.55  | 88.5      | 17.6522 | 24.0291 |
| 2009 | 6     | 13  | 18   | 2      | 17     | 0.3       | 2.3     | 1.57  | 89        | 17.6522 | 24.3897 |
| 2009 | 6     | 13  | 18   | 12     | 17     | 0.3       | 2.3     | 1.52  | 89.6      | 17.6522 | 23.6171 |
| 2009 | 6     | 13  | 18   | 22     | 17     | 0.3       | 2.3     | 1.58  | 88        | 17.6522 | 24.4928 |
| 2009 | 6     | 13  | 18   | 32     | 17     | 0.3       | 2.3     | 1.59  | 87.4      | 17.6522 | 24.6989 |
| 2009 | 6     | 13  | 18   | 42     | 17     | 0.3       | 2.3     | 1.61  | 89        | 17.6522 | 25.0596 |
| 2009 | 6     | 13  | 18   | 52     | 17     | 0.3       | 2.3     | 1.55  | 87.2      | 17.6522 | 24.0291 |
| 2009 | 6     | 13  | 19   | 2      | 17     | 0.3       | 2.3     | 1.61  | 88.3      | 17.6522 | 25.0596 |
| 2009 | 6     | 13  | 19   | 12     | 17     | 0.3       | 2.3     | 1.58  | 88.1      | 17.6522 | 24.5443 |
| 2009 | 6     | 13  | 19   | 22     | 17     | 0.3       | 2.3     | 1.6   | 88.6      | 17.6522 | 24.905  |
| 2009 | 6     | 13  | 19   | 32     | 17     | 0.3       | 2.3     | 1.54  | 87.8      | 17.6522 | 23.8746 |
| 2009 | 6     | 13  | 19   | 42     | 17     | 0.3       | 2.3     | 1.57  | 88.6      | 17.6522 | 24.2867 |
| 2009 | 6     | 13  | 19   | 52     | 17     | 0.3       | 2.3     | 1.55  | 88.1      | 17.6522 | 24.0806 |
| 2009 | 6     | 13  | 20   | 2      | 17     | 0.3       | 2.3     | 1.53  | 86.7      | 17.6522 | 23.6686 |
| 2009 | 6     | 13  | 20   | 12     | 17     | 0.3       | 2.3     | 1.55  | 87.4      | 17.6522 | 23.9776 |
| 2009 | 6     | 13  | 20   | 22     | 17     | 0.3       | 2.3     | 1.59  | 87.4      | 17.6522 | 24.6989 |
| 2009 | 6     | 13  | 20   | 32     | 17     | 0.3       | 2.3     | 1.56  | 88.8      | 17.6522 | 24.1321 |
| 2009 | 6     | 13  | 20   | 42     | 17     | 0.3       | 2.3     | 1.5   | 87.9      | 17.6522 | 23.3081 |
| 2009 | 6     | 13  | 20   | 52     | 17     | 0.3       | 2.3     | 1.51  | 88        | 17.6522 | 23.4111 |
| 2009 | 6     | 13  | 21   | 2      | 17     | 0.3       | 2.3     | 1.62  | 89.1      | 17.6522 | 25.1112 |
| 2009 | 6     | 13  | 21   | 12     | 17     | 0.3       | 2.3     | 1.64  | 90.3      | 17.6522 | 25.472  |
| 2009 | 6     | 13  | 21   | 22     | 17     | 0.3       | 2.3     | 1.6   | 88.1      | 17.6522 | 24.8019 |
| 2009 | 6     | 13  | 21   | 32     | 17     | 0.3       | 2.3     | 1.6   | 88.9      | 17.6522 | 24.8535 |
| 2009 | 6     | 13  | 21   | 42     | 17     | 0.3       | 2.3     | 1.59  | 88.6      | 17.6522 | 24.7504 |
| 2009 | 6     | 13  | 21   | 52     | 17     | 0.3       | 2.3     | 1.53  | 87.8      | 17.6522 | 23.6686 |
| 2009 | 6     | 13  | 22   | 2      | 17     | 0.3       | 2.3     | 1.59  | 89.6      | 17.6522 | 24.6474 |
| 2009 | 6     | 13  | 22   | 12     | 17     | 0.3       | 2.3     | 1.53  | 89.9      | 17.6522 | 23.7716 |
| 2009 | 6     | 13  | 22   | 22     | 17     | 0.3       | 2.3     | 1.6   | 88.8      | 17.6522 | 24.8535 |
| 2009 | 6     | 13  | 22   | 32     | 17     | 0.3       | 2.3     | 1.54  | 87.7      | 17.6522 | 23.9261 |
| 2009 | 6     | 13  | 22   | 42     | 17     | 0.3       | 2.3     | 1.6   | 88        | 17.6267 | 24.8178 |
| 2009 | 6     | 13  | 22   | 52     | 17     | 0.3       | 2.3     | 1.55  | 88.3      | 17.6267 | 23.9431 |
| 2009 | 6     | 13  | 23   | 2      | 17     | 0.3       | 2.3     | 1.61  | 88.1      | 17.6267 | 24.9207 |
| 2009 | 6     | 13  | 23   | 12     | 17     | 0.3       | 2.3     | 1.6   | 87.8      | 17.6267 | 24.8178 |
| 2009 | 6     | 13  | 23   | 22     | 17     | 0.3       | 2.3     | 1.56  | 87        | 17.6267 | 24.1489 |
| 2009 | 6     | 13  | 23   | 32     | 17     | 0.3       | 2.3     | 1.57  | 89.6      | 17.6267 | 24.3032 |
| 2009 | 6     | 13  | 23   | 42     | 17     | 0.3       | 2.3     | 1.6   | 89.5      | 17.6267 | 24.8692 |
| 2009 | 6     | 13  | 23   | 52     | 17     | 0.3       | 2.3     | 1.53  | 87.9      | 17.6267 | 23.7374 |
| 2009 | 6     | 14  | 0    | 2      | 17     | 0.3       | 2.3     | 1.55  | 87.8      | 17.6267 | 24.046  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 14  | 0    | 12     | 17     | 0.3       | 2.3     | 1.56  | 89.6      | 17.6267 | 24.2518 |
| 2009 | 6     | 14  | 0    | 22     | 17     | 0.3       | 2.3     | 1.55  | 87.9      | 17.6267 | 23.9431 |
| 2009 | 6     | 14  | 0    | 32     | 17     | 0.3       | 2.3     | 1.6   | 87.5      | 17.6267 | 24.8178 |
| 2009 | 6     | 14  | 0    | 42     | 17     | 0.3       | 2.3     | 1.59  | 89.3      | 17.6267 | 24.6119 |
| 2009 | 6     | 14  | 0    | 52     | 17     | 0.3       | 2.3     | 1.58  | 89.8      | 17.6012 | 24.4738 |
| 2009 | 6     | 14  | 1    | 2      | 17     | 0.3       | 2.3     | 1.54  | 90        | 17.6012 | 23.8573 |
| 2009 | 6     | 14  | 1    | 12     | 17     | 0.3       | 2.3     | 1.65  | 90.5      | 17.6012 | 25.5015 |
| 2009 | 6     | 14  | 1    | 22     | 17     | 0.3       | 2.3     | 1.59  | 89.6      | 17.6012 | 24.6279 |
| 2009 | 6     | 14  | 1    | 32     | 17     | 0.3       | 2.3     | 1.58  | 88.9      | 17.6012 | 24.4224 |
| 2009 | 6     | 14  | 1    | 42     | 17     | 0.3       | 2.3     | 1.54  | 88.3      | 17.6012 | 23.806  |
| 2009 | 6     | 14  | 1    | 52     | 17     | 0.3       | 2.3     | 1.58  | 88.8      | 17.6012 | 24.4224 |
| 2009 | 6     | 14  | 2    | 2      | 17     | 0.3       | 2.3     | 1.55  | 87.1      | 17.6012 | 23.9087 |
| 2009 | 6     | 14  | 2    | 12     | 17     | 0.3       | 2.3     | 1.59  | 89.2      | 17.6012 | 24.6793 |
| 2009 | 6     | 14  | 2    | 22     | 17     | 0.3       | 2.3     | 1.57  | 89.3      | 17.6012 | 24.2683 |
| 2009 | 6     | 14  | 2    | 32     | 17     | 0.3       | 2.3     | 1.52  | 89.1      | 17.6012 | 23.4978 |
| 2009 | 6     | 14  | 2    | 42     | 17     | 0.3       | 2.3     | 1.61  | 89.2      | 17.5757 | 24.849  |
| 2009 | 6     | 14  | 2    | 52     | 17     | 0.3       | 2.3     | 1.57  | 90        | 17.5757 | 24.2846 |
| 2009 | 6     | 14  | 3    | 2      | 17     | 0.3       | 2.3     | 1.55  | 88.2      | 17.5757 | 23.9255 |
| 2009 | 6     | 14  | 3    | 12     | 17     | 0.3       | 2.3     | 1.55  | 88.1      | 17.5757 | 23.9255 |
| 2009 | 6     | 14  | 3    | 22     | 17     | 0.3       | 2.3     | 1.57  | 89.2      | 17.5757 | 24.2846 |
| 2009 | 6     | 14  | 3    | 32     | 17     | 0.3       | 2.3     | 1.6   | 88.6      | 17.5757 | 24.695  |
| 2009 | 6     | 14  | 3    | 42     | 17     | 0.3       | 2.3     | 1.55  | 89.6      | 17.5757 | 23.9768 |
| 2009 | 6     | 14  | 3    | 52     | 17     | 0.3       | 2.3     | 1.54  | 89.8      | 17.5757 | 23.7717 |
| 2009 | 6     | 14  | 4    | 2      | 17     | 0.3       | 2.3     | 1.58  | 87.7      | 17.5757 | 24.3359 |
| 2009 | 6     | 14  | 4    | 12     | 17     | 0.3       | 2.3     | 1.58  | 88.5      | 17.5503 | 24.352  |
| 2009 | 6     | 14  | 4    | 22     | 17     | 0.3       | 2.3     | 1.55  | 87.5      | 17.5503 | 23.9422 |
| 2009 | 6     | 14  | 4    | 32     | 17     | 0.3       | 2.3     | 1.55  | 87.2      | 17.5503 | 23.8398 |
| 2009 | 6     | 14  | 4    | 42     | 17     | 0.3       | 2.3     | 1.57  | 90.1      | 17.5503 | 24.2496 |
| 2009 | 6     | 14  | 4    | 52     | 17     | 0.3       | 2.3     | 1.54  | 87.8      | 17.5503 | 23.7374 |
| 2009 | 6     | 14  | 5    | 2      | 17     | 0.3       | 2.3     | 1.6   | 88        | 17.5503 | 24.7106 |
| 2009 | 6     | 14  | 5    | 12     | 17     | 0.3       | 2.3     | 1.58  | 90        | 17.5503 | 24.4545 |
| 2009 | 6     | 14  | 5    | 22     | 17     | 0.3       | 2.3     | 1.57  | 88.3      | 17.5248 | 24.2145 |
| 2009 | 6     | 14  | 5    | 32     | 17     | 0.3       | 2.3     | 1.6   | 88.9      | 17.5248 | 24.6238 |
| 2009 | 6     | 14  | 5    | 42     | 17     | 0.3       | 2.3     | 1.57  | 88.8      | 17.5248 | 24.2145 |
| 2009 | 6     | 14  | 5    | 52     | 17     | 0.3       | 2.3     | 1.54  | 89.1      | 17.5248 | 23.652  |
| 2009 | 6     | 14  | 6    | 2      | 17     | 0.3       | 2.3     | 1.57  | 89.3      | 17.5248 | 24.2145 |
| 2009 | 6     | 14  | 6    | 12     | 17     | 0.3       | 2.3     | 1.6   | 88.5      | 17.5248 | 24.5726 |
| 2009 | 6     | 14  | 6    | 22     | 17     | 0.3       | 2.3     | 1.59  | 88.7      | 17.5248 | 24.4703 |
| 2009 | 6     | 14  | 6    | 32     | 17     | 0.3       | 2.3     | 1.57  | 88.1      | 17.5248 | 24.1634 |
| 2009 | 6     | 14  | 6    | 42     | 17     | 0.3       | 2.3     | 1.6   | 89.1      | 17.5248 | 24.7261 |
| 2009 | 6     | 14  | 6    | 52     | 17     | 0.3       | 2.3     | 1.59  | 90.6      | 17.5248 | 24.5215 |
| 2009 | 6     | 14  | 7    | 2      | 17     | 0.3       | 2.3     | 1.6   | 90.6      | 17.5248 | 24.6238 |
| 2009 | 6     | 14  | 7    | 12     | 17     | 0.3       | 2.3     | 1.55  | 88.4      | 17.5248 | 23.8054 |
| 2009 | 6     | 14  | 7    | 22     | 17     | 0.3       | 2.3     | 1.54  | 89.6      | 17.5248 | 23.652  |
| 2009 | 6     | 14  | 7    | 32     | 17     | 0.3       | 2.3     | 1.52  | 90.7      | 17.5248 | 23.4474 |
| 2009 | 6     | 14  | 7    | 42     | 17     | 0.3       | 2.3     | 1.55  | 89        | 17.5248 | 23.9077 |
| 2009 | 6     | 14  | 7    | 52     | 17     | 0.3       | 2.3     | 1.53  | 88.4      | 17.5248 | 23.4986 |
| 2009 | 6     | 14  | 8    | 2      | 17     | 0.3       | 2.3     | 1.55  | 89.5      | 17.4993 | 23.8731 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 14  | 8    | 12     | 17     | 0.3       | 2.3     | 1.56  | 88.4      | 17.4993 | 24.0263 |
| 2009 | 6     | 14  | 8    | 22     | 17     | 0.3       | 2.3     | 1.59  | 89.6      | 17.4993 | 24.486  |
| 2009 | 6     | 14  | 8    | 32     | 17     | 0.3       | 2.3     | 1.56  | 88.6      | 17.4993 | 24.0263 |
| 2009 | 6     | 14  | 8    | 42     | 17     | 0.3       | 2.3     | 1.6   | 88.1      | 17.4993 | 24.6393 |
| 2009 | 6     | 14  | 8    | 52     | 17     | 0.3       | 2.3     | 1.54  | 87.3      | 17.4993 | 23.6688 |
| 2009 | 6     | 14  | 9    | 2      | 17     | 0.3       | 2.3     | 1.5   | 88.6      | 17.4993 | 23.1072 |
| 2009 | 6     | 14  | 9    | 12     | 17     | 0.3       | 2.3     | 1.59  | 90        | 17.4993 | 24.486  |
| 2009 | 6     | 14  | 9    | 22     | 17     | 0.3       | 2.3     | 1.61  | 88.1      | 17.4993 | 24.7925 |
| 2009 | 6     | 14  | 9    | 32     | 17     | 0.3       | 2.3     | 1.56  | 88.3      | 17.4993 | 24.0263 |
| 2009 | 6     | 14  | 9    | 42     | 17     | 0.3       | 2.3     | 1.52  | 89.9      | 17.4993 | 23.3114 |
| 2009 | 6     | 14  | 9    | 52     | 17     | 0.3       | 2.3     | 1.63  | 89.2      | 17.4993 | 25.1502 |
| 2009 | 6     | 14  | 10   | 2      | 17     | 0.3       | 2.3     | 1.53  | 86.8      | 17.4993 | 23.5667 |
| 2009 | 6     | 14  | 10   | 12     | 17     | 0.3       | 2.3     | 1.59  | 88.5      | 17.4993 | 24.3838 |
| 2009 | 6     | 14  | 10   | 22     | 17     | 0.3       | 2.3     | 1.58  | 88.9      | 17.4993 | 24.2817 |
| 2009 | 6     | 14  | 10   | 32     | 17     | 0.3       | 2.3     | 1.58  | 88.7      | 17.4993 | 24.3328 |
| 2009 | 6     | 14  | 10   | 42     | 17     | 0.3       | 2.3     | 1.53  | 88.3      | 17.4993 | 23.4646 |
| 2009 | 6     | 14  | 10   | 52     | 17     | 0.3       | 2.3     | 1.57  | 89        | 17.4993 | 24.0774 |
| 2009 | 6     | 14  | 11   | 2      | 17     | 0.3       | 2.3     | 1.64  | 90.2      | 17.4993 | 25.3035 |
| 2009 | 6     | 14  | 11   | 12     | 17     | 0.3       | 2.3     | 1.59  | 90.7      | 17.4993 | 24.5371 |
| 2009 | 6     | 14  | 11   | 22     | 17     | 0.3       | 2.3     | 1.57  | 89        | 17.4738 | 24.1445 |
| 2009 | 6     | 14  | 11   | 32     | 17     | 0.3       | 2.3     | 1.6   | 88.8      | 17.4993 | 24.6393 |
| 2009 | 6     | 14  | 11   | 42     | 17     | 0.3       | 2.3     | 1.56  | 87.6      | 17.4993 | 24.0263 |
| 2009 | 6     | 14  | 11   | 52     | 17     | 0.3       | 2.3     | 1.58  | 88.9      | 17.4993 | 24.3838 |
| 2009 | 6     | 14  | 12   | 2      | 17     | 0.3       | 2.3     | 1.56  | 89.6      | 17.4993 | 23.9242 |
| 2009 | 6     | 14  | 12   | 12     | 17     | 0.3       | 2.3     | 1.56  | 89.2      | 17.4738 | 23.8895 |
| 2009 | 6     | 14  | 12   | 22     | 17     | 0.3       | 2.3     | 1.58  | 86.9      | 17.4993 | 24.2306 |
| 2009 | 6     | 14  | 12   | 32     | 17     | 0.3       | 2.3     | 1.58  | 88.3      | 17.4993 | 24.2817 |
| 2009 | 6     | 14  | 12   | 42     | 17     | 0.3       | 2.3     | 1.59  | 90.4      | 17.4738 | 24.4506 |
| 2009 | 6     | 14  | 12   | 52     | 17     | 0.3       | 2.3     | 1.62  | 90.2      | 17.4993 | 24.8947 |
| 2009 | 6     | 14  | 13   | 2      | 17     | 0.3       | 2.3     | 1.53  | 89        | 17.4738 | 23.5326 |
| 2009 | 6     | 14  | 13   | 12     | 17     | 0.3       | 2.3     | 1.59  | 87.5      | 17.4738 | 24.3995 |
| 2009 | 6     | 14  | 13   | 22     | 17     | 0.3       | 2.3     | 1.64  | 90.3      | 17.4738 | 25.2158 |
| 2009 | 6     | 14  | 13   | 32     | 17     | 0.3       | 2.3     | 1.53  | 89.9      | 17.4738 | 23.4816 |
| 2009 | 6     | 14  | 13   | 42     | 17     | 0.3       | 2.3     | 1.61  | 90.6      | 17.4738 | 24.7056 |
| 2009 | 6     | 14  | 13   | 52     | 17     | 0.3       | 2.3     | 1.61  | 88.2      | 17.4738 | 24.7056 |
| 2009 | 6     | 14  | 14   | 2      | 17     | 0.3       | 2.3     | 1.55  | 89.3      | 17.4738 | 23.7365 |
| 2009 | 6     | 14  | 14   | 12     | 17     | 0.3       | 2.3     | 1.61  | 88.8      | 17.4484 | 24.6698 |
| 2009 | 6     | 14  | 14   | 22     | 17     | 0.3       | 2.3     | 1.59  | 88.5      | 17.4738 | 24.3995 |
| 2009 | 6     | 14  | 14   | 32     | 17     | 0.3       | 2.3     | 1.57  | 89.6      | 17.4738 | 24.0935 |
| 2009 | 6     | 14  | 14   | 42     | 17     | 0.3       | 2.3     | 1.57  | 87.8      | 17.4738 | 24.1445 |
| 2009 | 6     | 14  | 14   | 52     | 17     | 0.3       | 2.3     | 1.58  | 89.2      | 17.4484 | 24.2114 |
| 2009 | 6     | 14  | 15   | 2      | 17     | 0.3       | 2.3     | 1.56  | 88        | 17.4484 | 23.9058 |
| 2009 | 6     | 14  | 15   | 12     | 17     | 0.3       | 2.3     | 1.6   | 90.7      | 17.4484 | 24.5679 |
| 2009 | 6     | 14  | 15   | 22     | 17     | 0.3       | 2.3     | 1.62  | 89        | 17.4484 | 24.9245 |
| 2009 | 6     | 14  | 15   | 32     | 17     | 0.3       | 2.3     | 1.59  | 88.9      | 17.4484 | 24.4151 |
| 2009 | 6     | 14  | 15   | 42     | 17     | 0.3       | 2.3     | 1.58  | 88        | 17.4229 | 24.2271 |
| 2009 | 6     | 14  | 15   | 52     | 17     | 0.3       | 2.3     | 1.56  | 88.2      | 17.4484 | 23.9058 |
| 2009 | 6     | 14  | 16   | 2      | 17     | 0.3       | 2.3     | 1.58  | 89.6      | 17.4229 | 24.2271 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 14  | 16   | 12     | 17     | 0.3       | 2.3     | 1.61  | 88        | 17.4484 | 24.6698 |
| 2009 | 6     | 14  | 16   | 22     | 17     | 0.3       | 2.3     | 1.59  | 88        | 17.4229 | 24.2779 |
| 2009 | 6     | 14  | 16   | 32     | 17     | 0.3       | 2.3     | 1.64  | 90.7      | 17.4229 | 25.1427 |
| 2009 | 6     | 14  | 16   | 42     | 17     | 0.3       | 2.3     | 1.58  | 90.2      | 17.4229 | 24.2779 |
| 2009 | 6     | 14  | 16   | 52     | 17     | 0.3       | 2.3     | 1.58  | 88.6      | 17.3974 | 24.0903 |
| 2009 | 6     | 14  | 17   | 2      | 17     | 0.3       | 2.3     | 1.58  | 88.2      | 17.4229 | 24.1762 |
| 2009 | 6     | 14  | 17   | 12     | 17     | 0.3       | 2.3     | 1.56  | 88.3      | 17.3974 | 23.7856 |
| 2009 | 6     | 14  | 17   | 22     | 17     | 0.3       | 2.3     | 1.56  | 88.2      | 17.3974 | 23.8364 |
| 2009 | 6     | 14  | 17   | 32     | 17     | 0.3       | 2.3     | 1.57  | 88.3      | 17.3974 | 24.0395 |
| 2009 | 6     | 14  | 17   | 42     | 17     | 0.3       | 2.3     | 1.59  | 90        | 17.3974 | 24.395  |
| 2009 | 6     | 14  | 17   | 52     | 17     | 0.3       | 2.3     | 1.6   | 90.5      | 17.3974 | 24.4966 |
| 2009 | 6     | 14  | 18   | 2      | 17     | 0.3       | 2.3     | 1.56  | 87        | 17.3974 | 23.8364 |
| 2009 | 6     | 14  | 18   | 12     | 17     | 0.3       | 2.3     | 1.58  | 89        | 17.3974 | 24.1411 |
| 2009 | 6     | 14  | 18   | 22     | 17     | 0.3       | 2.3     | 1.61  | 90.2      | 17.3974 | 24.6998 |
| 2009 | 6     | 14  | 18   | 32     | 17     | 0.3       | 2.3     | 1.57  | 87.1      | 17.3974 | 23.9887 |
| 2009 | 6     | 14  | 18   | 42     | 17     | 0.3       | 2.3     | 1.64  | 90        | 17.3974 | 25.157  |
| 2009 | 6     | 14  | 18   | 52     | 17     | 0.3       | 2.3     | 1.57  | 90.2      | 17.3974 | 23.9887 |
| 2009 | 6     | 14  | 19   | 2      | 17     | 0.3       | 2.3     | 1.59  | 88.3      | 17.3974 | 24.2427 |
| 2009 | 6     | 14  | 19   | 12     | 17     | 0.3       | 2.3     | 1.56  | 89.2      | 17.3974 | 23.7856 |
| 2009 | 6     | 14  | 19   | 22     | 17     | 0.3       | 2.3     | 1.58  | 89.2      | 17.3974 | 24.1919 |
| 2009 | 6     | 14  | 19   | 32     | 17     | 0.3       | 2.3     | 1.58  | 88        | 17.3974 | 24.1919 |
| 2009 | 6     | 14  | 19   | 42     | 17     | 0.3       | 2.3     | 1.62  | 90.5      | 17.3974 | 24.8014 |
| 2009 | 6     | 14  | 19   | 52     | 17     | 0.3       | 2.3     | 1.6   | 88.8      | 17.3974 | 24.4458 |
| 2009 | 6     | 14  | 20   | 2      | 17     | 0.3       | 2.3     | 1.58  | 89.2      | 17.3974 | 24.2427 |
| 2009 | 6     | 14  | 20   | 12     | 17     | 0.3       | 2.3     | 1.55  | 88.4      | 17.3974 | 23.6841 |
| 2009 | 6     | 14  | 20   | 22     | 17     | 0.3       | 2.3     | 1.6   | 90        | 17.3974 | 24.4458 |
| 2009 | 6     | 14  | 20   | 32     | 17     | 0.3       | 2.3     | 1.58  | 88.9      | 17.3974 | 24.1919 |
| 2009 | 6     | 14  | 20   | 42     | 17     | 0.3       | 2.3     | 1.58  | 88.3      | 17.3974 | 24.0903 |
| 2009 | 6     | 14  | 20   | 52     | 17     | 0.3       | 2.3     | 1.59  | 88.3      | 17.3974 | 24.2427 |
| 2009 | 6     | 14  | 21   | 2      | 17     | 0.3       | 2.3     | 1.6   | 90.1      | 17.3974 | 24.4966 |
| 2009 | 6     | 14  | 21   | 12     | 17     | 0.3       | 2.3     | 1.55  | 87.5      | 17.3974 | 23.7349 |
| 2009 | 6     | 14  | 21   | 22     | 17     | 0.3       | 2.3     | 1.61  | 90        | 17.3974 | 24.5982 |
| 2009 | 6     | 14  | 21   | 32     | 17     | 0.3       | 2.3     | 1.62  | 90.1      | 17.3974 | 24.8522 |
| 2009 | 6     | 14  | 21   | 42     | 17     | 0.3       | 2.3     | 1.59  | 88.6      | 17.3974 | 24.3442 |
| 2009 | 6     | 14  | 21   | 52     | 17     | 0.3       | 2.3     | 1.58  | 88.2      | 17.3974 | 24.1919 |
| 2009 | 6     | 14  | 22   | 2      | 17     | 0.3       | 2.3     | 1.56  | 88.1      | 17.3974 | 23.8364 |
| 2009 | 6     | 14  | 22   | 12     | 17     | 0.3       | 2.3     | 1.58  | 88.9      | 17.3974 | 24.1411 |
| 2009 | 6     | 14  | 22   | 22     | 17     | 0.3       | 2.3     | 1.65  | 89.2      | 17.3974 | 25.2586 |
| 2009 | 6     | 14  | 22   | 32     | 17     | 0.3       | 2.3     | 1.56  | 89.6      | 17.372  | 23.9031 |
| 2009 | 6     | 14  | 22   | 42     | 17     | 0.3       | 2.3     | 1.62  | 88.6      | 17.3974 | 24.7506 |
| 2009 | 6     | 14  | 22   | 52     | 17     | 0.3       | 2.3     | 1.58  | 90        | 17.372  | 24.106  |
| 2009 | 6     | 14  | 23   | 2      | 17     | 0.3       | 2.3     | 1.56  | 87.7      | 17.372  | 23.8017 |
| 2009 | 6     | 14  | 23   | 12     | 17     | 0.3       | 2.3     | 1.6   | 88.7      | 17.372  | 24.5117 |
| 2009 | 6     | 14  | 23   | 22     | 17     | 0.3       | 2.3     | 1.62  | 89.7      | 17.372  | 24.7145 |
| 2009 | 6     | 14  | 23   | 32     | 17     | 0.3       | 2.3     | 1.61  | 89.3      | 17.372  | 24.5624 |
| 2009 | 6     | 14  | 23   | 42     | 17     | 0.3       | 2.3     | 1.57  | 89.6      | 17.372  | 23.9538 |
| 2009 | 6     | 14  | 23   | 52     | 17     | 0.3       | 2.3     | 1.57  | 89.2      | 17.372  | 24.0552 |
| 2009 | 6     | 15  | 0    | 2      | 17     | 0.3       | 2.3     | 1.57  | 88.8      | 17.372  | 23.9538 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 15  | 0    | 12     | 17     | 0.3       | 2.3     | 1.56  | 89.2      | 17.372  | 23.751  |
| 2009 | 6     | 15  | 0    | 22     | 17     | 0.3       | 2.3     | 1.56  | 89.3      | 17.372  | 23.751  |
| 2009 | 6     | 15  | 0    | 32     | 17     | 0.3       | 2.3     | 1.59  | 89.6      | 17.372  | 24.3595 |
| 2009 | 6     | 15  | 0    | 42     | 17     | 0.3       | 2.3     | 1.59  | 89.5      | 17.372  | 24.3088 |
| 2009 | 6     | 15  | 0    | 52     | 17     | 0.3       | 2.3     | 1.59  | 88.1      | 17.3466 | 24.1721 |
| 2009 | 6     | 15  | 1    | 2      | 17     | 0.3       | 2.3     | 1.57  | 87.6      | 17.3466 | 23.9696 |
| 2009 | 6     | 15  | 1    | 12     | 17     | 0.3       | 2.3     | 1.55  | 87.5      | 17.3466 | 23.6658 |
| 2009 | 6     | 15  | 1    | 22     | 17     | 0.3       | 2.3     | 1.59  | 88.5      | 17.3466 | 24.1721 |
| 2009 | 6     | 15  | 1    | 32     | 17     | 0.3       | 2.3     | 1.57  | 88.1      | 17.3466 | 23.8683 |
| 2009 | 6     | 15  | 1    | 42     | 17     | 0.3       | 2.3     | 1.5   | 89.7      | 17.3466 | 22.9066 |
| 2009 | 6     | 15  | 1    | 52     | 17     | 0.3       | 2.3     | 1.59  | 89.1      | 17.3466 | 24.324  |
| 2009 | 6     | 15  | 2    | 2      | 17     | 0.3       | 2.3     | 1.6   | 88.8      | 17.3466 | 24.4253 |
| 2009 | 6     | 15  | 2    | 12     | 17     | 0.3       | 2.3     | 1.57  | 87.8      | 17.3466 | 23.9696 |
| 2009 | 6     | 15  | 2    | 22     | 17     | 0.3       | 2.3     | 1.57  | 89.4      | 17.3466 | 23.9189 |
| 2009 | 6     | 15  | 2    | 32     | 17     | 0.3       | 2.3     | 1.61  | 88.8      | 17.3466 | 24.5772 |
| 2009 | 6     | 15  | 2    | 42     | 17     | 0.3       | 2.3     | 1.55  | 88.8      | 17.3466 | 23.5645 |
| 2009 | 6     | 15  | 2    | 52     | 17     | 0.3       | 2.3     | 1.54  | 88.8      | 17.3211 | 23.4796 |
| 2009 | 6     | 15  | 3    | 2      | 17     | 0.3       | 2.3     | 1.56  | 89        | 17.3211 | 23.7324 |
| 2009 | 6     | 15  | 3    | 12     | 17     | 0.3       | 2.3     | 1.55  | 88.3      | 17.3211 | 23.5807 |
| 2009 | 6     | 15  | 3    | 22     | 17     | 0.3       | 2.3     | 1.57  | 87.8      | 17.3211 | 23.9346 |
| 2009 | 6     | 15  | 3    | 32     | 17     | 0.3       | 2.3     | 1.58  | 88.1      | 17.3211 | 24.0357 |
| 2009 | 6     | 15  | 3    | 42     | 17     | 0.3       | 2.3     | 1.57  | 88.4      | 17.3211 | 23.9346 |
| 2009 | 6     | 15  | 3    | 52     | 17     | 0.3       | 2.3     | 1.56  | 89.3      | 17.3211 | 23.7324 |
| 2009 | 6     | 15  | 4    | 2      | 17     | 0.3       | 2.3     | 1.59  | 88.5      | 17.3211 | 24.1874 |
| 2009 | 6     | 15  | 4    | 12     | 17     | 0.3       | 2.3     | 1.55  | 89.8      | 17.3211 | 23.5302 |
| 2009 | 6     | 15  | 4    | 22     | 17     | 0.3       | 2.3     | 1.59  | 88.8      | 17.3211 | 24.238  |
| 2009 | 6     | 15  | 4    | 32     | 17     | 0.3       | 2.3     | 1.48  | 89        | 17.3211 | 22.5195 |
| 2009 | 6     | 15  | 4    | 42     | 17     | 0.3       | 2.3     | 1.59  | 89.6      | 17.3211 | 24.238  |
| 2009 | 6     | 15  | 4    | 52     | 17     | 0.3       | 2.3     | 1.58  | 88.5      | 17.3211 | 24.0357 |
| 2009 | 6     | 15  | 5    | 2      | 17     | 0.3       | 2.3     | 1.57  | 87.6      | 17.2957 | 23.8491 |
| 2009 | 6     | 15  | 5    | 12     | 17     | 0.3       | 2.3     | 1.58  | 88.6      | 17.2957 | 24.0006 |
| 2009 | 6     | 15  | 5    | 22     | 17     | 0.3       | 2.3     | 1.59  | 89.3      | 17.2957 | 24.1521 |
| 2009 | 6     | 15  | 5    | 32     | 17     | 0.3       | 2.3     | 1.59  | 88.7      | 17.2957 | 24.1016 |
| 2009 | 6     | 15  | 5    | 42     | 17     | 0.3       | 2.3     | 1.59  | 89.1      | 17.2957 | 24.2025 |
| 2009 | 6     | 15  | 5    | 52     | 17     | 0.3       | 2.3     | 1.57  | 89        | 17.2957 | 23.7987 |
| 2009 | 6     | 15  | 6    | 2      | 17     | 0.3       | 2.3     | 1.59  | 88.9      | 17.2957 | 24.1521 |
| 2009 | 6     | 15  | 6    | 12     | 17     | 0.3       | 2.3     | 1.55  | 86.4      | 17.2957 | 23.5463 |
| 2009 | 6     | 15  | 6    | 22     | 17     | 0.3       | 2.3     | 1.62  | 88        | 17.2957 | 24.6065 |
| 2009 | 6     | 15  | 6    | 32     | 17     | 0.3       | 2.3     | 1.6   | 89.4      | 17.2957 | 24.354  |
| 2009 | 6     | 15  | 6    | 42     | 17     | 0.3       | 2.3     | 1.58  | 88.8      | 17.2957 | 23.9501 |
| 2009 | 6     | 15  | 6    | 52     | 17     | 0.3       | 2.3     | 1.58  | 88.8      | 17.2957 | 24.0511 |
| 2009 | 6     | 15  | 7    | 2      | 17     | 0.3       | 2.3     | 1.56  | 89.2      | 17.2957 | 23.6472 |
| 2009 | 6     | 15  | 7    | 12     | 17     | 0.3       | 2.3     | 1.61  | 88        | 17.2957 | 24.4045 |
| 2009 | 6     | 15  | 7    | 22     | 17     | 0.3       | 2.3     | 1.59  | 88        | 17.2703 | 24.1671 |
| 2009 | 6     | 15  | 7    | 32     | 17     | 0.3       | 2.3     | 1.53  | 89        | 17.2703 | 23.2094 |
| 2009 | 6     | 15  | 7    | 42     | 17     | 0.3       | 2.3     | 1.59  | 90.4      | 17.2703 | 24.1671 |
| 2009 | 6     | 15  | 7    | 52     | 17     | 0.3       | 2.3     | 1.54  | 89        | 17.2703 | 23.411  |
| 2009 | 6     | 15  | 8    | 2      | 17     | 0.3       | 2.3     | 1.53  | 88.6      | 17.2703 | 23.159  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 15  | 8    | 12     | 17     | 0.3       | 2.3     | 1.55  | 88.7      | 17.2703 | 23.5118 |
| 2009 | 6     | 15  | 8    | 22     | 17     | 0.3       | 2.3     | 1.52  | 87.4      | 17.2703 | 23.0079 |
| 2009 | 6     | 15  | 8    | 32     | 17     | 0.3       | 2.3     | 1.58  | 88        | 17.2703 | 24.0159 |
| 2009 | 6     | 15  | 8    | 42     | 17     | 0.3       | 2.3     | 1.58  | 88.7      | 17.2703 | 23.9151 |
| 2009 | 6     | 15  | 8    | 52     | 17     | 0.3       | 2.3     | 1.56  | 88.1      | 17.2703 | 23.663  |
| 2009 | 6     | 15  | 9    | 2      | 17     | 0.3       | 2.3     | 1.6   | 88.7      | 17.2703 | 24.3184 |
| 2009 | 6     | 15  | 9    | 12     | 17     | 0.3       | 2.3     | 1.59  | 88.5      | 17.2703 | 24.1167 |
| 2009 | 6     | 15  | 9    | 22     | 17     | 0.3       | 2.3     | 1.59  | 88.3      | 17.2703 | 24.1671 |
| 2009 | 6     | 15  | 9    | 32     | 17     | 0.3       | 2.3     | 1.56  | 88.4      | 17.2703 | 23.7134 |
| 2009 | 6     | 15  | 9    | 42     | 17     | 0.3       | 2.3     | 1.56  | 90.4      | 17.2703 | 23.7638 |
| 2009 | 6     | 15  | 9    | 52     | 17     | 0.3       | 2.3     | 1.58  | 88.4      | 17.2703 | 23.9151 |
| 2009 | 6     | 15  | 10   | 2      | 17     | 0.3       | 2.3     | 1.56  | 89.6      | 17.2703 | 23.6126 |
| 2009 | 6     | 15  | 10   | 12     | 17     | 0.3       | 2.3     | 1.54  | 87.1      | 17.2703 | 23.3606 |
| 2009 | 6     | 15  | 10   | 22     | 17     | 0.3       | 2.3     | 1.55  | 89.2      | 17.2703 | 23.5622 |
| 2009 | 6     | 15  | 10   | 32     | 17     | 0.3       | 2.3     | 1.62  | 88.8      | 17.2703 | 24.6714 |
| 2009 | 6     | 15  | 10   | 42     | 17     | 0.3       | 2.3     | 1.62  | 89.2      | 17.2703 | 24.5705 |
| 2009 | 6     | 15  | 10   | 52     | 17     | 0.3       | 2.3     | 1.56  | 89.5      | 17.2703 | 23.7134 |
| 2009 | 6     | 15  | 11   | 2      | 17     | 0.3       | 2.3     | 1.61  | 89.4      | 17.2703 | 24.5201 |
| 2009 | 6     | 15  | 11   | 12     | 17     | 0.3       | 2.3     | 1.62  | 89        | 17.2703 | 24.6714 |
| 2009 | 6     | 15  | 11   | 22     | 17     | 0.3       | 2.3     | 1.55  | 87.7      | 17.2703 | 23.5118 |
| 2009 | 6     | 15  | 11   | 32     | 17     | 0.3       | 2.3     | 1.59  | 87.5      | 17.2703 | 24.0663 |
| 2009 | 6     | 15  | 11   | 42     | 17     | 0.3       | 2.3     | 1.61  | 88.4      | 17.2703 | 24.5201 |
| 2009 | 6     | 15  | 11   | 52     | 17     | 0.3       | 2.3     | 1.59  | 89.9      | 17.2703 | 24.1671 |
| 2009 | 6     | 15  | 12   | 2      | 17     | 0.3       | 2.3     | 1.59  | 89.9      | 17.2703 | 24.1167 |
| 2009 | 6     | 15  | 12   | 12     | 17     | 0.3       | 2.3     | 1.58  | 90        | 17.2703 | 24.0663 |
| 2009 | 6     | 15  | 12   | 22     | 17     | 0.3       | 2.3     | 1.57  | 90.4      | 17.2703 | 23.9151 |
| 2009 | 6     | 15  | 12   | 32     | 17     | 0.3       | 2.3     | 1.59  | 89.3      | 17.2703 | 24.1671 |
| 2009 | 6     | 15  | 12   | 42     | 17     | 0.3       | 2.3     | 1.56  | 88.5      | 17.2703 | 23.6126 |
| 2009 | 6     | 15  | 12   | 52     | 17     | 0.3       | 2.3     | 1.6   | 90.2      | 17.2703 | 24.3184 |
| 2009 | 6     | 15  | 13   | 2      | 17     | 0.3       | 2.3     | 1.58  | 89.3      | 17.2703 | 24.0663 |
| 2009 | 6     | 15  | 13   | 12     | 17     | 0.3       | 2.3     | 1.56  | 90        | 17.2703 | 23.7134 |
| 2009 | 6     | 15  | 13   | 22     | 17     | 0.3       | 2.3     | 1.61  | 88.7      | 17.2957 | 24.5055 |
| 2009 | 6     | 15  | 13   | 32     | 17     | 0.3       | 2.3     | 1.53  | 87.8      | 17.2957 | 23.193  |
| 2009 | 6     | 15  | 13   | 42     | 17     | 0.3       | 2.3     | 1.56  | 88        | 17.2957 | 23.6977 |
| 2009 | 6     | 15  | 13   | 52     | 17     | 0.3       | 2.3     | 1.57  | 88.3      | 17.2957 | 23.8491 |
| 2009 | 6     | 15  | 14   | 2      | 17     | 0.3       | 2.3     | 1.59  | 89.9      | 17.2957 | 24.1521 |
| 2009 | 6     | 15  | 14   | 12     | 17     | 0.3       | 2.3     | 1.59  | 89.6      | 17.2957 | 24.253  |
| 2009 | 6     | 15  | 14   | 22     | 17     | 0.3       | 2.3     | 1.63  | 90        | 17.2957 | 24.8085 |
| 2009 | 6     | 15  | 14   | 32     | 17     | 0.3       | 2.3     | 1.58  | 88.6      | 17.2957 | 24.0006 |
| 2009 | 6     | 15  | 14   | 42     | 17     | 0.3       | 2.3     | 1.55  | 88.2      | 17.2957 | 23.5967 |
| 2009 | 6     | 15  | 14   | 52     | 17     | 0.3       | 2.3     | 1.58  | 88        | 17.2957 | 24.0006 |
| 2009 | 6     | 15  | 15   | 2      | 17     | 0.3       | 2.3     | 1.6   | 88.4      | 17.2957 | 24.4045 |
| 2009 | 6     | 15  | 15   | 12     | 17     | 0.3       | 2.3     | 1.57  | 87.6      | 17.2957 | 23.8491 |
| 2009 | 6     | 15  | 15   | 22     | 17     | 0.3       | 2.3     | 1.6   | 88.3      | 17.2957 | 24.253  |
| 2009 | 6     | 15  | 15   | 32     | 17     | 0.3       | 2.3     | 1.55  | 89.5      | 17.2957 | 23.5967 |
| 2009 | 6     | 15  | 15   | 42     | 17     | 0.3       | 2.3     | 1.51  | 88.1      | 17.2957 | 22.9406 |
| 2009 | 6     | 15  | 15   | 52     | 17     | 0.3       | 2.3     | 1.57  | 87.3      | 17.2957 | 23.8996 |
| 2009 | 6     | 15  | 16   | 2      | 17     | 0.3       | 2.3     | 1.55  | 88.2      | 17.2957 | 23.5967 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 15  | 16   | 12     | 17     | 0.3       | 2.3     | 1.58  | 91.9      | 17.2957 | 23.9501 |
| 2009 | 6     | 15  | 16   | 22     | 17     | 0.3       | 2.3     | 1.57  | 88.8      | 17.2957 | 23.8996 |
| 2009 | 6     | 15  | 16   | 32     | 17     | 0.3       | 2.3     | 1.61  | 87.9      | 17.2957 | 24.4045 |
| 2009 | 6     | 15  | 16   | 42     | 17     | 0.3       | 2.3     | 1.61  | 88.8      | 17.2957 | 24.455  |
| 2009 | 6     | 15  | 16   | 52     | 17     | 0.3       | 2.3     | 1.58  | 89.6      | 17.2957 | 24.1016 |
| 2009 | 6     | 15  | 17   | 2      | 17     | 0.3       | 2.3     | 1.56  | 89        | 17.2957 | 23.7482 |
| 2009 | 6     | 15  | 17   | 12     | 17     | 0.3       | 2.3     | 1.57  | 87.5      | 17.2957 | 23.7987 |
| 2009 | 6     | 15  | 17   | 22     | 17     | 0.3       | 2.3     | 1.57  | 88        | 17.3211 | 23.884  |
| 2009 | 6     | 15  | 17   | 32     | 17     | 0.3       | 2.3     | 1.57  | 88        | 17.2957 | 23.8996 |
| 2009 | 6     | 15  | 17   | 42     | 17     | 0.3       | 2.3     | 1.58  | 88.8      | 17.2957 | 24.1016 |
| 2009 | 6     | 15  | 17   | 52     | 17     | 0.3       | 2.3     | 1.56  | 88.3      | 17.3211 | 23.7324 |
| 2009 | 6     | 15  | 18   | 2      | 17     | 0.3       | 2.3     | 1.51  | 87.9      | 17.3211 | 23.0247 |
| 2009 | 6     | 15  | 18   | 12     | 17     | 0.3       | 2.3     | 1.61  | 87.7      | 17.3211 | 24.5414 |
| 2009 | 6     | 15  | 18   | 22     | 17     | 0.3       | 2.3     | 1.57  | 88.6      | 17.3211 | 23.8335 |
| 2009 | 6     | 15  | 18   | 32     | 17     | 0.3       | 2.3     | 1.58  | 88.8      | 17.3211 | 24.0863 |
| 2009 | 6     | 15  | 18   | 42     | 17     | 0.3       | 2.3     | 1.6   | 87.5      | 17.3211 | 24.3897 |
| 2009 | 6     | 15  | 18   | 52     | 17     | 0.3       | 2.3     | 1.59  | 87.2      | 17.3211 | 24.1368 |
| 2009 | 6     | 15  | 19   | 2      | 17     | 0.3       | 2.3     | 1.59  | 89.3      | 17.3211 | 24.1874 |
| 2009 | 6     | 15  | 19   | 12     | 17     | 0.3       | 2.3     | 1.6   | 89.2      | 17.3211 | 24.3391 |
| 2009 | 6     | 15  | 19   | 22     | 17     | 0.3       | 2.3     | 1.56  | 89.6      | 17.3211 | 23.7829 |
| 2009 | 6     | 15  | 19   | 32     | 17     | 0.3       | 2.3     | 1.6   | 88.4      | 17.3211 | 24.3897 |
| 2009 | 6     | 15  | 19   | 42     | 17     | 0.3       | 2.3     | 1.52  | 89.5      | 17.3211 | 23.1764 |
| 2009 | 6     | 15  | 19   | 52     | 17     | 0.3       | 2.3     | 1.56  | 88.1      | 17.3211 | 23.7829 |
| 2009 | 6     | 15  | 20   | 2      | 17     | 0.3       | 2.3     | 1.57  | 88.1      | 17.3466 | 23.9696 |
| 2009 | 6     | 15  | 20   | 12     | 17     | 0.3       | 2.3     | 1.6   | 89.8      | 17.3466 | 24.4253 |
| 2009 | 6     | 15  | 20   | 22     | 17     | 0.3       | 2.3     | 1.54  | 87.2      | 17.3211 | 23.4796 |
| 2009 | 6     | 15  | 20   | 32     | 17     | 0.3       | 2.3     | 1.52  | 87.8      | 17.3211 | 23.0753 |
| 2009 | 6     | 15  | 20   | 42     | 17     | 0.3       | 2.3     | 1.56  | 88.9      | 17.3466 | 23.767  |
| 2009 | 6     | 15  | 20   | 52     | 17     | 0.3       | 2.3     | 1.59  | 89.3      | 17.3466 | 24.2227 |
| 2009 | 6     | 15  | 21   | 2      | 17     | 0.3       | 2.3     | 1.57  | 89.2      | 17.3466 | 23.9189 |
| 2009 | 6     | 15  | 21   | 12     | 17     | 0.3       | 2.3     | 1.56  | 88.7      | 17.3466 | 23.7164 |
| 2009 | 6     | 15  | 21   | 22     | 17     | 0.3       | 2.3     | 1.61  | 89.6      | 17.3466 | 24.5772 |
| 2009 | 6     | 15  | 21   | 32     | 17     | 0.3       | 2.3     | 1.52  | 88.8      | 17.3466 | 23.109  |
| 2009 | 6     | 15  | 21   | 42     | 17     | 0.3       | 2.3     | 1.62  | 89.9      | 17.3466 | 24.7798 |
| 2009 | 6     | 15  | 21   | 52     | 17     | 0.3       | 2.3     | 1.61  | 88.5      | 17.3466 | 24.5772 |
| 2009 | 6     | 15  | 22   | 2      | 17     | 0.3       | 2.3     | 1.55  | 88.2      | 17.3466 | 23.6658 |
| 2009 | 6     | 15  | 22   | 12     | 17     | 0.3       | 2.3     | 1.59  | 87.6      | 17.3466 | 24.2227 |
| 2009 | 6     | 15  | 22   | 22     | 17     | 0.3       | 2.3     | 1.58  | 88.1      | 17.3466 | 24.1215 |
| 2009 | 6     | 15  | 22   | 32     | 17     | 0.3       | 2.3     | 1.54  | 86.7      | 17.3466 | 23.4127 |
| 2009 | 6     | 15  | 22   | 42     | 17     | 0.3       | 2.3     | 1.56  | 88.6      | 17.3466 | 23.8177 |
| 2009 | 6     | 15  | 22   | 52     | 17     | 0.3       | 2.3     | 1.57  | 89.3      | 17.3466 | 23.9189 |
| 2009 | 6     | 15  | 23   | 2      | 17     | 0.3       | 2.3     | 1.54  | 87.1      | 17.3466 | 23.4127 |
| 2009 | 6     | 15  | 23   | 12     | 17     | 0.3       | 2.3     | 1.6   | 88.3      | 17.3466 | 24.324  |
| 2009 | 6     | 15  | 23   | 22     | 17     | 0.3       | 2.3     | 1.57  | 86.8      | 17.3466 | 23.8683 |
| 2009 | 6     | 15  | 23   | 32     | 17     | 0.3       | 2.3     | 1.56  | 88.3      | 17.3466 | 23.7164 |
| 2009 | 6     | 15  | 23   | 42     | 17     | 0.3       | 2.3     | 1.61  | 87.5      | 17.3466 | 24.5266 |
| 2009 | 6     | 15  | 23   | 52     | 17     | 0.3       | 2.3     | 1.54  | 89.1      | 17.3466 | 23.5139 |
| 2009 | 6     | 16  | 0    | 2      | 17     | 0.3       | 2.3     | 1.6   | 88.6      | 17.3211 | 24.3391 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 16  | 0    | 12     | 17     | 0.3       | 2.3     | 1.58  | 88.8      | 17.3211 | 23.9851 |
| 2009 | 6     | 16  | 0    | 22     | 17     | 0.3       | 2.3     | 1.58  | 88        | 17.3211 | 23.9851 |
| 2009 | 6     | 16  | 0    | 32     | 17     | 0.3       | 2.3     | 1.64  | 88.5      | 17.3211 | 24.9966 |
| 2009 | 6     | 16  | 0    | 42     | 17     | 0.3       | 2.3     | 1.56  | 88.7      | 17.3211 | 23.7324 |
| 2009 | 6     | 16  | 0    | 52     | 17     | 0.3       | 2.3     | 1.51  | 88.4      | 17.3211 | 22.9742 |
| 2009 | 6     | 16  | 1    | 2      | 17     | 0.3       | 2.3     | 1.54  | 88.8      | 17.3211 | 23.4796 |
| 2009 | 6     | 16  | 1    | 12     | 17     | 0.3       | 2.3     | 1.55  | 86.6      | 17.3211 | 23.6313 |
| 2009 | 6     | 16  | 1    | 22     | 17     | 0.3       | 2.3     | 1.55  | 88.5      | 17.3211 | 23.5302 |
| 2009 | 6     | 16  | 1    | 32     | 17     | 0.3       | 2.3     | 1.57  | 88.3      | 17.3211 | 23.9346 |
| 2009 | 6     | 16  | 1    | 42     | 17     | 0.3       | 2.3     | 1.57  | 88.2      | 17.3211 | 23.9346 |
| 2009 | 6     | 16  | 1    | 52     | 17     | 0.3       | 2.3     | 1.51  | 87.1      | 17.3211 | 22.9742 |
| 2009 | 6     | 16  | 2    | 2      | 17     | 0.3       | 2.3     | 1.52  | 88.3      | 17.3211 | 23.0753 |
| 2009 | 6     | 16  | 2    | 12     | 17     | 0.3       | 2.3     | 1.54  | 88.3      | 17.3211 | 23.4796 |
| 2009 | 6     | 16  | 2    | 22     | 17     | 0.3       | 2.3     | 1.53  | 89.4      | 17.3211 | 23.328  |
| 2009 | 6     | 16  | 2    | 32     | 17     | 0.3       | 2.3     | 1.57  | 89.3      | 17.3211 | 23.9346 |
| 2009 | 6     | 16  | 2    | 42     | 17     | 0.3       | 2.3     | 1.6   | 88        | 17.3211 | 24.3391 |
| 2009 | 6     | 16  | 2    | 52     | 17     | 0.3       | 2.3     | 1.56  | 88.3      | 17.3211 | 23.7324 |
| 2009 | 6     | 16  | 3    | 2      | 17     | 0.3       | 2.3     | 1.56  | 87.6      | 17.3211 | 23.6818 |
| 2009 | 6     | 16  | 3    | 12     | 17     | 0.3       | 2.3     | 1.56  | 89.2      | 17.3211 | 23.7829 |
| 2009 | 6     | 16  | 3    | 22     | 17     | 0.3       | 2.3     | 1.59  | 88.8      | 17.2957 | 24.2025 |
| 2009 | 6     | 16  | 3    | 32     | 17     | 0.3       | 2.3     | 1.57  | 87.7      | 17.2957 | 23.8491 |
| 2009 | 6     | 16  | 3    | 42     | 17     | 0.3       | 2.3     | 1.55  | 88.8      | 17.3211 | 23.6313 |
| 2009 | 6     | 16  | 3    | 52     | 17     | 0.3       | 2.3     | 1.58  | 89        | 17.3211 | 24.0357 |
| 2009 | 6     | 16  | 4    | 2      | 17     | 0.3       | 2.3     | 1.56  | 88.9      | 17.3211 | 23.7829 |
| 2009 | 6     | 16  | 4    | 12     | 17     | 0.3       | 2.3     | 1.56  | 87.7      | 17.2957 | 23.6977 |
| 2009 | 6     | 16  | 4    | 22     | 17     | 0.3       | 2.3     | 1.63  | 90        | 17.3211 | 24.8448 |
| 2009 | 6     | 16  | 4    | 32     | 17     | 0.3       | 2.3     | 1.59  | 88.5      | 17.3211 | 24.1368 |
| 2009 | 6     | 16  | 4    | 42     | 17     | 0.3       | 2.3     | 1.55  | 88.1      | 17.3211 | 23.6313 |
| 2009 | 6     | 16  | 4    | 52     | 17     | 0.3       | 2.3     | 1.55  | 87.5      | 17.3211 | 23.5807 |
| 2009 | 6     | 16  | 5    | 2      | 17     | 0.3       | 2.3     | 1.56  | 89.5      | 17.3211 | 23.6818 |
| 2009 | 6     | 16  | 5    | 12     | 17     | 0.3       | 2.3     | 1.58  | 87.6      | 17.3211 | 24.0863 |
| 2009 | 6     | 16  | 5    | 22     | 17     | 0.3       | 2.3     | 1.54  | 86.1      | 17.3466 | 23.4127 |
| 2009 | 6     | 16  | 5    | 32     | 17     | 0.3       | 2.3     | 1.58  | 88.7      | 17.3466 | 24.0708 |
| 2009 | 6     | 16  | 5    | 42     | 17     | 0.3       | 2.3     | 1.54  | 87.9      | 17.372  | 23.5482 |
| 2009 | 6     | 16  | 5    | 52     | 17     | 0.3       | 2.3     | 1.61  | 89.2      | 17.3974 | 24.649  |
| 2009 | 6     | 16  | 6    | 2      | 17     | 0.3       | 2.3     | 1.54  | 88.8      | 17.3974 | 23.5318 |
| 2009 | 6     | 16  | 6    | 12     | 17     | 0.3       | 2.3     | 1.57  | 87.7      | 17.4229 | 23.9728 |
| 2009 | 6     | 16  | 6    | 22     | 17     | 0.3       | 2.3     | 1.59  | 88.6      | 17.4229 | 24.3288 |
| 2009 | 6     | 16  | 6    | 32     | 17     | 0.3       | 2.3     | 1.53  | 88.6      | 17.4229 | 23.4135 |
| 2009 | 6     | 16  | 6    | 42     | 17     | 0.3       | 2.3     | 1.51  | 88        | 17.4229 | 23.1085 |
| 2009 | 6     | 16  | 6    | 52     | 17     | 0.3       | 2.3     | 1.62  | 89        | 17.4229 | 24.8883 |
| 2009 | 6     | 16  | 7    | 2      | 17     | 0.3       | 2.3     | 1.58  | 87.5      | 17.4484 | 24.2114 |
| 2009 | 6     | 16  | 7    | 12     | 17     | 0.3       | 2.3     | 1.51  | 87.5      | 17.4484 | 23.0912 |
| 2009 | 6     | 16  | 7    | 22     | 17     | 0.3       | 2.3     | 1.6   | 89.3      | 17.4484 | 24.517  |
| 2009 | 6     | 16  | 7    | 32     | 17     | 0.3       | 2.3     | 1.54  | 88.5      | 17.4484 | 23.6512 |
| 2009 | 6     | 16  | 7    | 42     | 17     | 0.3       | 2.3     | 1.6   | 90        | 17.4484 | 24.5679 |
| 2009 | 6     | 16  | 7    | 52     | 17     | 0.3       | 2.3     | 1.59  | 88        | 17.4484 | 24.3132 |
| 2009 | 6     | 16  | 8    | 2      | 17     | 0.3       | 2.3     | 1.61  | 88.7      | 17.4484 | 24.6698 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 16  | 8    | 12     | 17     | 0.3       | 2.3     | 1.56  | 88.9      | 17.4738 | 23.9915 |
| 2009 | 6     | 16  | 8    | 22     | 17     | 0.3       | 2.3     | 1.62  | 88.7      | 17.4484 | 24.8736 |
| 2009 | 6     | 16  | 8    | 32     | 17     | 0.3       | 2.3     | 1.57  | 89.2      | 17.4484 | 24.0586 |
| 2009 | 6     | 16  | 8    | 42     | 17     | 0.3       | 2.3     | 1.57  | 89        | 17.4738 | 24.0425 |
| 2009 | 6     | 16  | 8    | 52     | 17     | 0.3       | 2.3     | 1.63  | 88.7      | 17.4738 | 25.0628 |
| 2009 | 6     | 16  | 9    | 2      | 17     | 0.3       | 2.3     | 1.6   | 89.2      | 17.4738 | 24.6036 |
| 2009 | 6     | 16  | 9    | 12     | 17     | 0.3       | 2.3     | 1.55  | 88.7      | 17.4738 | 23.7875 |
| 2009 | 6     | 16  | 9    | 22     | 17     | 0.3       | 2.3     | 1.57  | 87.1      | 17.4738 | 24.1445 |
| 2009 | 6     | 16  | 9    | 32     | 17     | 0.3       | 2.3     | 1.59  | 89.8      | 17.4738 | 24.4506 |
| 2009 | 6     | 16  | 9    | 42     | 17     | 0.3       | 2.3     | 1.57  | 89        | 17.4738 | 24.1445 |
| 2009 | 6     | 16  | 9    | 52     | 17     | 0.3       | 2.3     | 1.57  | 88.4      | 17.4738 | 24.0425 |
| 2009 | 6     | 16  | 10   | 2      | 17     | 0.3       | 2.3     | 1.62  | 90        | 17.4738 | 24.8587 |
| 2009 | 6     | 16  | 10   | 12     | 17     | 0.3       | 2.3     | 1.53  | 87.5      | 17.4993 | 23.5667 |
| 2009 | 6     | 16  | 10   | 22     | 17     | 0.3       | 2.3     | 1.56  | 89.6      | 17.4993 | 23.9752 |
| 2009 | 6     | 16  | 10   | 32     | 17     | 0.3       | 2.3     | 1.55  | 87.9      | 17.4993 | 23.771  |
| 2009 | 6     | 16  | 10   | 42     | 17     | 0.3       | 2.3     | 1.59  | 89.4      | 17.4993 | 24.5371 |
| 2009 | 6     | 16  | 10   | 52     | 17     | 0.3       | 2.3     | 1.54  | 88.7      | 17.4993 | 23.6178 |
| 2009 | 6     | 16  | 11   | 2      | 17     | 0.3       | 2.3     | 1.56  | 89.2      | 17.4993 | 24.0263 |
| 2009 | 6     | 16  | 11   | 12     | 17     | 0.3       | 2.3     | 1.6   | 88.9      | 17.4993 | 24.6903 |
| 2009 | 6     | 16  | 11   | 22     | 17     | 0.3       | 2.3     | 1.61  | 90.7      | 17.4993 | 24.8436 |
| 2009 | 6     | 16  | 11   | 32     | 17     | 0.3       | 2.3     | 1.57  | 89.2      | 17.4993 | 24.1284 |
| 2009 | 6     | 16  | 11   | 42     | 17     | 0.3       | 2.3     | 1.55  | 87.4      | 17.4993 | 23.771  |
| 2009 | 6     | 16  | 11   | 52     | 17     | 0.3       | 2.3     | 1.56  | 90.6      | 17.5248 | 23.9588 |
| 2009 | 6     | 16  | 12   | 2      | 17     | 0.3       | 2.3     | 1.59  | 89.4      | 17.5248 | 24.5215 |
| 2009 | 6     | 16  | 12   | 12     | 17     | 0.3       | 2.3     | 1.52  | 89.6      | 17.5248 | 23.3963 |
| 2009 | 6     | 16  | 12   | 22     | 17     | 0.3       | 2.3     | 1.57  | 88.7      | 17.5248 | 24.1122 |
| 2009 | 6     | 16  | 12   | 32     | 17     | 0.3       | 2.3     | 1.59  | 89.6      | 17.5248 | 24.5726 |
| 2009 | 6     | 16  | 12   | 42     | 17     | 0.3       | 2.3     | 1.58  | 89.4      | 17.5248 | 24.4192 |
| 2009 | 6     | 16  | 12   | 52     | 17     | 0.3       | 2.3     | 1.56  | 88.6      | 17.5248 | 24.01   |
| 2009 | 6     | 16  | 13   | 2      | 17     | 0.3       | 2.3     | 1.59  | 89.6      | 17.5248 | 24.4703 |
| 2009 | 6     | 16  | 13   | 12     | 17     | 0.3       | 2.3     | 1.57  | 88.8      | 17.5248 | 24.2145 |
| 2009 | 6     | 16  | 13   | 22     | 17     | 0.3       | 2.3     | 1.57  | 88.3      | 17.5248 | 24.1122 |
| 2009 | 6     | 16  | 13   | 32     | 17     | 0.3       | 2.3     | 1.59  | 89.3      | 17.5248 | 24.5726 |
| 2009 | 6     | 16  | 13   | 42     | 17     | 0.3       | 2.3     | 1.61  | 89.4      | 17.5248 | 24.7773 |
| 2009 | 6     | 16  | 13   | 52     | 17     | 0.3       | 2.3     | 1.6   | 88.5      | 17.5503 | 24.6594 |
| 2009 | 6     | 16  | 14   | 2      | 17     | 0.3       | 2.3     | 1.56  | 90.2      | 17.5503 | 23.9935 |
| 2009 | 6     | 16  | 14   | 12     | 17     | 0.3       | 2.3     | 1.58  | 88.6      | 17.5503 | 24.352  |
| 2009 | 6     | 16  | 14   | 22     | 17     | 0.3       | 2.3     | 1.56  | 88        | 17.5503 | 24.0959 |
| 2009 | 6     | 16  | 14   | 32     | 17     | 0.3       | 2.3     | 1.57  | 89.2      | 17.5503 | 24.1471 |
| 2009 | 6     | 16  | 14   | 42     | 17     | 0.3       | 2.3     | 1.59  | 88.3      | 17.5503 | 24.5569 |
| 2009 | 6     | 16  | 14   | 52     | 17     | 0.3       | 2.3     | 1.55  | 89.8      | 17.5503 | 23.8398 |
| 2009 | 6     | 16  | 15   | 2      | 17     | 0.3       | 2.3     | 1.56  | 89.8      | 17.5503 | 24.0959 |
| 2009 | 6     | 16  | 15   | 12     | 17     | 0.3       | 2.3     | 1.57  | 89.3      | 17.5503 | 24.3008 |
| 2009 | 6     | 16  | 15   | 22     | 17     | 0.3       | 2.3     | 1.52  | 86.8      | 17.5503 | 23.4813 |
| 2009 | 6     | 16  | 15   | 32     | 17     | 0.3       | 2.3     | 1.58  | 88.8      | 17.5503 | 24.352  |
| 2009 | 6     | 16  | 15   | 42     | 17     | 0.3       | 2.3     | 1.61  | 89.4      | 17.5503 | 24.9156 |
| 2009 | 6     | 16  | 15   | 52     | 17     | 0.3       | 2.3     | 1.59  | 88.8      | 17.5503 | 24.6082 |
| 2009 | 6     | 16  | 16   | 2      | 17     | 0.3       | 2.3     | 1.55  | 89.2      | 17.5503 | 23.9422 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 16  | 16   | 12     | 17     | 0.3       | 2.3     | 1.53  | 87.3      | 17.5757 | 23.6691 |
| 2009 | 6     | 16  | 16   | 22     | 17     | 0.3       | 2.3     | 1.61  | 90.4      | 17.5757 | 24.9003 |
| 2009 | 6     | 16  | 16   | 32     | 17     | 0.3       | 2.3     | 1.59  | 89.2      | 17.5757 | 24.6437 |
| 2009 | 6     | 16  | 16   | 42     | 17     | 0.3       | 2.3     | 1.59  | 87.9      | 17.5757 | 24.4898 |
| 2009 | 6     | 16  | 16   | 52     | 17     | 0.3       | 2.3     | 1.6   | 88.5      | 17.5757 | 24.695  |
| 2009 | 6     | 16  | 17   | 2      | 17     | 0.3       | 2.3     | 1.58  | 88.8      | 17.5757 | 24.3359 |
| 2009 | 6     | 16  | 17   | 12     | 17     | 0.3       | 2.3     | 1.59  | 88.9      | 17.5757 | 24.5924 |
| 2009 | 6     | 16  | 17   | 22     | 17     | 0.3       | 2.3     | 1.55  | 89.1      | 17.5757 | 23.8743 |
| 2009 | 6     | 16  | 17   | 32     | 17     | 0.3       | 2.3     | 1.6   | 89.2      | 17.5757 | 24.7463 |
| 2009 | 6     | 16  | 17   | 42     | 17     | 0.3       | 2.3     | 1.61  | 88.9      | 17.5757 | 24.849  |
| 2009 | 6     | 16  | 17   | 52     | 17     | 0.3       | 2.3     | 1.54  | 87.9      | 17.5757 | 23.823  |
| 2009 | 6     | 16  | 18   | 2      | 17     | 0.3       | 2.3     | 1.57  | 87.5      | 17.5757 | 24.2846 |
| 2009 | 6     | 16  | 18   | 12     | 17     | 0.3       | 2.3     | 1.57  | 88.9      | 17.5757 | 24.2846 |
| 2009 | 6     | 16  | 18   | 22     | 17     | 0.3       | 2.3     | 1.63  | 89.3      | 17.5757 | 25.1569 |
| 2009 | 6     | 16  | 18   | 32     | 17     | 0.3       | 2.3     | 1.64  | 89.3      | 17.5757 | 25.3108 |
| 2009 | 6     | 16  | 18   | 42     | 17     | 0.3       | 2.3     | 1.57  | 89.2      | 17.5757 | 24.2333 |
| 2009 | 6     | 16  | 18   | 52     | 17     | 0.3       | 2.3     | 1.6   | 89.1      | 17.6012 | 24.7307 |
| 2009 | 6     | 16  | 19   | 2      | 17     | 0.3       | 2.3     | 1.58  | 88.1      | 17.6012 | 24.4224 |
| 2009 | 6     | 16  | 19   | 12     | 17     | 0.3       | 2.3     | 1.59  | 89.4      | 17.6012 | 24.6793 |
| 2009 | 6     | 16  | 19   | 22     | 17     | 0.3       | 2.3     | 1.59  | 88.6      | 17.6012 | 24.5765 |
| 2009 | 6     | 16  | 19   | 32     | 17     | 0.3       | 2.3     | 1.54  | 88.4      | 17.6012 | 23.806  |
| 2009 | 6     | 16  | 19   | 42     | 17     | 0.3       | 2.3     | 1.57  | 89.2      | 17.6012 | 24.2169 |
| 2009 | 6     | 16  | 19   | 52     | 17     | 0.3       | 2.3     | 1.55  | 87.6      | 17.6012 | 24.0114 |
| 2009 | 6     | 16  | 20   | 2      | 17     | 0.3       | 2.3     | 1.58  | 88.8      | 17.6012 | 24.4224 |
| 2009 | 6     | 16  | 20   | 12     | 17     | 0.3       | 2.3     | 1.57  | 89.5      | 17.6012 | 24.3196 |
| 2009 | 6     | 16  | 20   | 22     | 17     | 0.3       | 2.3     | 1.6   | 90.8      | 17.6012 | 24.8334 |
| 2009 | 6     | 16  | 20   | 32     | 17     | 0.3       | 2.3     | 1.57  | 88        | 17.6012 | 24.2683 |
| 2009 | 6     | 16  | 20   | 42     | 17     | 0.3       | 2.3     | 1.59  | 88        | 17.6012 | 24.5251 |
| 2009 | 6     | 16  | 20   | 52     | 17     | 0.3       | 2.3     | 1.59  | 88        | 17.6012 | 24.5765 |
| 2009 | 6     | 16  | 21   | 2      | 17     | 0.3       | 2.3     | 1.58  | 89.5      | 17.6267 | 24.509  |
| 2009 | 6     | 16  | 21   | 12     | 17     | 0.3       | 2.3     | 1.57  | 87.1      | 17.6267 | 24.3032 |
| 2009 | 6     | 16  | 21   | 22     | 17     | 0.3       | 2.3     | 1.6   | 90        | 17.6012 | 24.7307 |
| 2009 | 6     | 16  | 21   | 32     | 17     | 0.3       | 2.3     | 1.58  | 88.7      | 17.6012 | 24.371  |
| 2009 | 6     | 16  | 21   | 42     | 17     | 0.3       | 2.3     | 1.55  | 87.5      | 17.6012 | 24.0114 |
| 2009 | 6     | 16  | 21   | 52     | 17     | 0.3       | 2.3     | 1.56  | 90        | 17.6267 | 24.2518 |
| 2009 | 6     | 16  | 22   | 2      | 17     | 0.3       | 2.3     | 1.59  | 88.5      | 17.6267 | 24.5605 |
| 2009 | 6     | 16  | 22   | 12     | 17     | 0.3       | 2.3     | 1.56  | 90.1      | 17.6267 | 24.1489 |
| 2009 | 6     | 16  | 22   | 22     | 17     | 0.3       | 2.3     | 1.6   | 89.9      | 17.6267 | 24.8692 |
| 2009 | 6     | 16  | 22   | 32     | 17     | 0.3       | 2.3     | 1.57  | 89.4      | 17.6267 | 24.4061 |
| 2009 | 6     | 16  | 22   | 42     | 17     | 0.3       | 2.3     | 1.57  | 89        | 17.6267 | 24.3547 |
| 2009 | 6     | 16  | 22   | 52     | 17     | 0.3       | 2.3     | 1.57  | 89.6      | 17.6267 | 24.3547 |
| 2009 | 6     | 16  | 23   | 2      | 17     | 0.3       | 2.3     | 1.58  | 88.5      | 17.6267 | 24.4576 |
| 2009 | 6     | 16  | 23   | 12     | 17     | 0.3       | 2.3     | 1.57  | 88.8      | 17.6267 | 24.3032 |
| 2009 | 6     | 16  | 23   | 22     | 17     | 0.3       | 2.3     | 1.6   | 88.5      | 17.6012 | 24.7307 |
| 2009 | 6     | 16  | 23   | 32     | 17     | 0.3       | 2.3     | 1.53  | 88.9      | 17.6012 | 23.7033 |
| 2009 | 6     | 16  | 23   | 42     | 17     | 0.3       | 2.3     | 1.57  | 87.5      | 17.6267 | 24.3547 |
| 2009 | 6     | 16  | 23   | 52     | 17     | 0.3       | 2.3     | 1.57  | 88.8      | 17.6012 | 24.2683 |
| 2009 | 6     | 17  | 0    | 2      | 17     | 0.3       | 2.3     | 1.6   | 88.5      | 17.6267 | 24.8178 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 17  | 0    | 12     | 17     | 0.3       | 2.3     | 1.6   | 89.6      | 17.6012 | 24.8334 |
| 2009 | 6     | 17  | 0    | 22     | 17     | 0.3       | 2.3     | 1.54  | 87.8      | 17.6012 | 23.7546 |
| 2009 | 6     | 17  | 0    | 32     | 17     | 0.3       | 2.3     | 1.59  | 89.3      | 17.6012 | 24.6793 |
| 2009 | 6     | 17  | 0    | 42     | 17     | 0.3       | 2.3     | 1.55  | 88.3      | 17.6012 | 23.9601 |
| 2009 | 6     | 17  | 0    | 52     | 17     | 0.3       | 2.3     | 1.62  | 89        | 17.6012 | 25.039  |
| 2009 | 6     | 17  | 1    | 2      | 17     | 0.3       | 2.3     | 1.57  | 88.9      | 17.6012 | 24.2683 |
| 2009 | 6     | 17  | 1    | 12     | 17     | 0.3       | 2.3     | 1.6   | 88        | 17.6012 | 24.6793 |
| 2009 | 6     | 17  | 1    | 22     | 17     | 0.3       | 2.3     | 1.6   | 87.3      | 17.6012 | 24.7307 |
| 2009 | 6     | 17  | 1    | 32     | 17     | 0.3       | 2.3     | 1.59  | 89.4      | 17.6012 | 24.6793 |
| 2009 | 6     | 17  | 1    | 42     | 17     | 0.3       | 2.3     | 1.59  | 89.4      | 17.6012 | 24.6793 |
| 2009 | 6     | 17  | 1    | 52     | 17     | 0.3       | 2.3     | 1.59  | 88.6      | 17.6012 | 24.6793 |
| 2009 | 6     | 17  | 2    | 2      | 17     | 0.3       | 2.3     | 1.56  | 87.5      | 17.6012 | 24.0628 |
| 2009 | 6     | 17  | 2    | 12     | 17     | 0.3       | 2.3     | 1.58  | 90        | 17.5757 | 24.3872 |
| 2009 | 6     | 17  | 2    | 22     | 17     | 0.3       | 2.3     | 1.55  | 88.2      | 17.5757 | 23.8743 |
| 2009 | 6     | 17  | 2    | 32     | 17     | 0.3       | 2.3     | 1.61  | 90.2      | 17.5757 | 24.849  |
| 2009 | 6     | 17  | 2    | 42     | 17     | 0.3       | 2.3     | 1.61  | 88.7      | 17.5757 | 24.9003 |
| 2009 | 6     | 17  | 2    | 52     | 17     | 0.3       | 2.3     | 1.6   | 90.5      | 17.5757 | 24.695  |
| 2009 | 6     | 17  | 3    | 2      | 17     | 0.3       | 2.3     | 1.57  | 87.1      | 17.5757 | 24.182  |
| 2009 | 6     | 17  | 3    | 12     | 17     | 0.3       | 2.3     | 1.56  | 87.6      | 17.5757 | 24.1307 |
| 2009 | 6     | 17  | 3    | 22     | 17     | 0.3       | 2.3     | 1.58  | 88.4      | 17.5757 | 24.3359 |
| 2009 | 6     | 17  | 3    | 32     | 17     | 0.3       | 2.3     | 1.58  | 89.5      | 17.5757 | 24.4385 |
| 2009 | 6     | 17  | 3    | 42     | 17     | 0.3       | 2.3     | 1.53  | 89.1      | 17.5757 | 23.6691 |
| 2009 | 6     | 17  | 3    | 52     | 17     | 0.3       | 2.3     | 1.62  | 89.5      | 17.5757 | 25.0029 |
| 2009 | 6     | 17  | 4    | 2      | 17     | 0.3       | 2.3     | 1.58  | 86.8      | 17.5503 | 24.352  |
| 2009 | 6     | 17  | 4    | 12     | 17     | 0.3       | 2.3     | 1.57  | 88.2      | 17.5503 | 24.2496 |
| 2009 | 6     | 17  | 4    | 22     | 17     | 0.3       | 2.3     | 1.59  | 88.7      | 17.5503 | 24.4545 |
| 2009 | 6     | 17  | 4    | 32     | 17     | 0.3       | 2.3     | 1.6   | 89.3      | 17.5503 | 24.6594 |
| 2009 | 6     | 17  | 4    | 42     | 17     | 0.3       | 2.3     | 1.6   | 89.4      | 17.5503 | 24.7619 |
| 2009 | 6     | 17  | 4    | 52     | 17     | 0.3       | 2.3     | 1.57  | 88.2      | 17.5503 | 24.2496 |
| 2009 | 6     | 17  | 5    | 2      | 17     | 0.3       | 2.3     | 1.58  | 87.5      | 17.5503 | 24.352  |
| 2009 | 6     | 17  | 5    | 12     | 17     | 0.3       | 2.3     | 1.59  | 87.2      | 17.5503 | 24.4545 |
| 2009 | 6     | 17  | 5    | 22     | 17     | 0.3       | 2.3     | 1.59  | 87.5      | 17.5503 | 24.4545 |
| 2009 | 6     | 17  | 5    | 32     | 17     | 0.3       | 2.3     | 1.54  | 87.3      | 17.5503 | 23.6862 |
| 2009 | 6     | 17  | 5    | 42     | 17     | 0.3       | 2.3     | 1.55  | 89.8      | 17.5248 | 23.8565 |
| 2009 | 6     | 17  | 5    | 52     | 17     | 0.3       | 2.3     | 1.58  | 88.8      | 17.5248 | 24.368  |
| 2009 | 6     | 17  | 6    | 2      | 17     | 0.3       | 2.3     | 1.54  | 89.6      | 17.5248 | 23.652  |
| 2009 | 6     | 17  | 6    | 12     | 17     | 0.3       | 2.3     | 1.59  | 89.2      | 17.5248 | 24.4703 |
| 2009 | 6     | 17  | 6    | 22     | 17     | 0.3       | 2.3     | 1.58  | 89.4      | 17.5248 | 24.3168 |
| 2009 | 6     | 17  | 6    | 32     | 17     | 0.3       | 2.3     | 1.63  | 89.7      | 17.5248 | 25.1355 |
| 2009 | 6     | 17  | 6    | 42     | 17     | 0.3       | 2.3     | 1.61  | 90.1      | 17.5248 | 24.8796 |
| 2009 | 6     | 17  | 6    | 52     | 17     | 0.3       | 2.3     | 1.6   | 88.7      | 17.5248 | 24.6749 |
| 2009 | 6     | 17  | 7    | 2      | 17     | 0.3       | 2.3     | 1.59  | 88.8      | 17.5248 | 24.5215 |
| 2009 | 6     | 17  | 7    | 12     | 17     | 0.3       | 2.3     | 1.57  | 88.8      | 17.5248 | 24.1634 |
| 2009 | 6     | 17  | 7    | 22     | 17     | 0.3       | 2.3     | 1.56  | 90.2      | 17.5248 | 23.9588 |
| 2009 | 6     | 17  | 7    | 32     | 17     | 0.3       | 2.3     | 1.6   | 88        | 17.5248 | 24.6238 |
| 2009 | 6     | 17  | 7    | 42     | 17     | 0.3       | 2.3     | 1.57  | 89.6      | 17.5248 | 24.1634 |
| 2009 | 6     | 17  | 7    | 52     | 17     | 0.3       | 2.3     | 1.56  | 88.9      | 17.5248 | 24.0611 |
| 2009 | 6     | 17  | 8    | 2      | 17     | 0.3       | 2.3     | 1.57  | 88.4      | 17.5248 | 24.1122 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 17  | 8    | 12     | 17     | 0.3       | 2.3     | 1.53  | 89.5      | 17.5248 | 23.6008 |
| 2009 | 6     | 17  | 8    | 22     | 17     | 0.3       | 2.3     | 1.53  | 87.3      | 17.5248 | 23.5497 |
| 2009 | 6     | 17  | 8    | 32     | 17     | 0.3       | 2.3     | 1.59  | 89.6      | 17.5248 | 24.5726 |
| 2009 | 6     | 17  | 8    | 42     | 17     | 0.3       | 2.3     | 1.54  | 88.9      | 17.5248 | 23.7031 |
| 2009 | 6     | 17  | 8    | 52     | 17     | 0.3       | 2.3     | 1.61  | 88        | 17.5248 | 24.7773 |
| 2009 | 6     | 17  | 9    | 2      | 17     | 0.3       | 2.3     | 1.53  | 86.4      | 17.5248 | 23.4986 |
| 2009 | 6     | 17  | 9    | 12     | 17     | 0.3       | 2.3     | 1.54  | 88.2      | 17.5248 | 23.7542 |
| 2009 | 6     | 17  | 9    | 22     | 17     | 0.3       | 2.3     | 1.56  | 89        | 17.5248 | 24.0611 |
| 2009 | 6     | 17  | 9    | 32     | 17     | 0.3       | 2.3     | 1.6   | 89.3      | 17.5248 | 24.6238 |
| 2009 | 6     | 17  | 9    | 42     | 17     | 0.3       | 2.3     | 1.56  | 90.4      | 17.5248 | 24.1122 |
| 2009 | 6     | 17  | 9    | 52     | 17     | 0.3       | 2.3     | 1.6   | 89.3      | 17.5248 | 24.6238 |
| 2009 | 6     | 17  | 10   | 2      | 17     | 0.3       | 2.3     | 1.61  | 89.4      | 17.5248 | 24.8284 |
| 2009 | 6     | 17  | 10   | 12     | 17     | 0.3       | 2.3     | 1.57  | 89.5      | 17.5248 | 24.1634 |
| 2009 | 6     | 17  | 10   | 22     | 17     | 0.3       | 2.3     | 1.62  | 88.7      | 17.5248 | 24.9308 |
| 2009 | 6     | 17  | 10   | 32     | 17     | 0.3       | 2.3     | 1.58  | 89.2      | 17.5248 | 24.4192 |
| 2009 | 6     | 17  | 10   | 42     | 17     | 0.3       | 2.3     | 1.58  | 88.3      | 17.5248 | 24.3168 |
| 2009 | 6     | 17  | 10   | 52     | 17     | 0.3       | 2.3     | 1.59  | 89.8      | 17.5248 | 24.5726 |
| 2009 | 6     | 17  | 11   | 2      | 17     | 0.3       | 2.3     | 1.6   | 89.8      | 17.5248 | 24.6749 |
| 2009 | 6     | 17  | 11   | 12     | 17     | 0.3       | 2.3     | 1.59  | 90        | 17.5248 | 24.4703 |
| 2009 | 6     | 17  | 11   | 22     | 17     | 0.3       | 2.3     | 1.62  | 90        | 17.5248 | 24.9308 |
| 2009 | 6     | 17  | 11   | 32     | 17     | 0.3       | 2.3     | 1.6   | 88.8      | 17.5248 | 24.7261 |
| 2009 | 6     | 17  | 11   | 42     | 17     | 0.3       | 2.3     | 1.57  | 88.6      | 17.5248 | 24.2145 |
| 2009 | 6     | 17  | 11   | 52     | 17     | 0.3       | 2.3     | 1.6   | 88.8      | 17.5248 | 24.6238 |
| 2009 | 6     | 17  | 12   | 2      | 17     | 0.3       | 2.3     | 1.55  | 88.9      | 17.5248 | 23.8565 |
| 2009 | 6     | 17  | 12   | 12     | 17     | 0.3       | 2.3     | 1.6   | 88.1      | 17.5248 | 24.6749 |
| 2009 | 6     | 17  | 12   | 22     | 17     | 0.3       | 2.3     | 1.56  | 88.3      | 17.5248 | 24.0611 |
| 2009 | 6     | 17  | 12   | 32     | 17     | 0.3       | 2.3     | 1.53  | 89.1      | 17.5248 | 23.4986 |
| 2009 | 6     | 17  | 12   | 42     | 17     | 0.3       | 2.3     | 1.61  | 89.2      | 17.5248 | 24.8284 |
| 2009 | 6     | 17  | 12   | 52     | 17     | 0.3       | 2.3     | 1.6   | 89.8      | 17.5248 | 24.6238 |
| 2009 | 6     | 17  | 13   | 2      | 17     | 0.3       | 2.3     | 1.57  | 90.5      | 17.5248 | 24.1634 |
| 2009 | 6     | 17  | 13   | 12     | 17     | 0.3       | 2.3     | 1.54  | 88.8      | 17.5248 | 23.652  |
| 2009 | 6     | 17  | 13   | 22     | 17     | 0.3       | 2.3     | 1.56  | 87.6      | 17.5248 | 24.01   |
| 2009 | 6     | 17  | 13   | 32     | 17     | 0.3       | 2.3     | 1.58  | 86.5      | 17.5248 | 24.2657 |
| 2009 | 6     | 17  | 13   | 42     | 17     | 0.3       | 2.3     | 1.6   | 90        | 17.5248 | 24.6749 |
| 2009 | 6     | 17  | 13   | 52     | 17     | 0.3       | 2.3     | 1.6   | 88.5      | 17.5248 | 24.7261 |
| 2009 | 6     | 17  | 14   | 2      | 17     | 0.3       | 2.3     | 1.59  | 89.9      | 17.5503 | 24.6082 |
| 2009 | 6     | 17  | 14   | 12     | 17     | 0.3       | 2.3     | 1.55  | 88.5      | 17.5503 | 23.891  |
| 2009 | 6     | 17  | 14   | 22     | 17     | 0.3       | 2.3     | 1.56  | 90.4      | 17.5503 | 24.0447 |
| 2009 | 6     | 17  | 14   | 32     | 17     | 0.3       | 2.3     | 1.6   | 88.6      | 17.5503 | 24.7106 |
| 2009 | 6     | 17  | 14   | 42     | 17     | 0.3       | 2.3     | 1.55  | 87.9      | 17.5503 | 23.891  |
| 2009 | 6     | 17  | 14   | 52     | 17     | 0.3       | 2.3     | 1.53  | 88.9      | 17.5503 | 23.5838 |
| 2009 | 6     | 17  | 15   | 2      | 17     | 0.3       | 2.3     | 1.56  | 89.2      | 17.5503 | 24.0959 |
| 2009 | 6     | 17  | 15   | 12     | 17     | 0.3       | 2.3     | 1.56  | 87.5      | 17.5503 | 24.0447 |
| 2009 | 6     | 17  | 15   | 22     | 17     | 0.3       | 2.3     | 1.57  | 89.6      | 17.5503 | 24.2496 |
| 2009 | 6     | 17  | 15   | 32     | 17     | 0.3       | 2.3     | 1.62  | 89.3      | 17.5503 | 25.0693 |
| 2009 | 6     | 17  | 15   | 42     | 17     | 0.3       | 2.3     | 1.57  | 89.6      | 17.5503 | 24.2496 |
| 2009 | 6     | 17  | 15   | 52     | 17     | 0.3       | 2.3     | 1.58  | 88.2      | 17.5503 | 24.4032 |
| 2009 | 6     | 17  | 16   | 2      | 17     | 0.3       | 2.3     | 1.58  | 88.8      | 17.5503 | 24.4545 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 17  | 16   | 12     | 17     | 0.3       | 2.3     | 1.56  | 88.7      | 17.5503 | 24.0959 |
| 2009 | 6     | 17  | 16   | 22     | 17     | 0.3       | 2.3     | 1.58  | 88        | 17.5503 | 24.4032 |
| 2009 | 6     | 17  | 16   | 32     | 17     | 0.3       | 2.3     | 1.55  | 86.8      | 17.5757 | 23.8743 |
| 2009 | 6     | 17  | 16   | 42     | 17     | 0.3       | 2.3     | 1.56  | 88.2      | 17.5757 | 24.1307 |
| 2009 | 6     | 17  | 16   | 52     | 17     | 0.3       | 2.3     | 1.57  | 88.4      | 17.5757 | 24.182  |
| 2009 | 6     | 17  | 17   | 2      | 17     | 0.3       | 2.3     | 1.54  | 88.9      | 17.5757 | 23.7204 |
| 2009 | 6     | 17  | 17   | 12     | 17     | 0.3       | 2.3     | 1.54  | 88.9      | 17.5757 | 23.823  |
| 2009 | 6     | 17  | 17   | 22     | 17     | 0.3       | 2.3     | 1.61  | 89.5      | 17.5757 | 24.849  |
| 2009 | 6     | 17  | 17   | 32     | 17     | 0.3       | 2.3     | 1.6   | 88.2      | 17.5757 | 24.6437 |
| 2009 | 6     | 17  | 17   | 42     | 17     | 0.3       | 2.3     | 1.6   | 89.2      | 17.5757 | 24.7977 |
| 2009 | 6     | 17  | 17   | 52     | 17     | 0.3       | 2.3     | 1.59  | 91.3      | 17.5757 | 24.5924 |
| 2009 | 6     | 17  | 18   | 2      | 17     | 0.3       | 2.3     | 1.61  | 88.9      | 17.5757 | 24.849  |
| 2009 | 6     | 17  | 18   | 12     | 17     | 0.3       | 2.3     | 1.62  | 89.7      | 17.5757 | 25.0542 |
| 2009 | 6     | 17  | 18   | 22     | 17     | 0.3       | 2.3     | 1.57  | 86.4      | 17.5757 | 24.2846 |
| 2009 | 6     | 17  | 18   | 32     | 17     | 0.3       | 2.3     | 1.63  | 88.4      | 17.5757 | 25.1569 |
| 2009 | 6     | 17  | 18   | 42     | 17     | 0.3       | 2.3     | 1.6   | 87.8      | 17.5757 | 24.6437 |
| 2009 | 6     | 17  | 18   | 52     | 17     | 0.3       | 2.3     | 1.62  | 89.8      | 17.5757 | 25.0029 |
| 2009 | 6     | 17  | 19   | 2      | 17     | 0.3       | 2.3     | 1.55  | 88.9      | 17.5757 | 23.9255 |
| 2009 | 6     | 17  | 19   | 12     | 17     | 0.3       | 2.3     | 1.57  | 88        | 17.5757 | 24.2846 |
| 2009 | 6     | 17  | 19   | 22     | 17     | 0.3       | 2.3     | 1.58  | 90        | 17.6012 | 24.5251 |
| 2009 | 6     | 17  | 19   | 32     | 17     | 0.3       | 2.3     | 1.64  | 89.7      | 17.6012 | 25.3473 |
| 2009 | 6     | 17  | 19   | 42     | 17     | 0.3       | 2.3     | 1.62  | 89.1      | 17.6012 | 25.0904 |
| 2009 | 6     | 17  | 19   | 52     | 17     | 0.3       | 2.3     | 1.58  | 90.4      | 17.6012 | 24.4224 |
| 2009 | 6     | 17  | 20   | 2      | 17     | 0.3       | 2.3     | 1.59  | 88.3      | 17.6012 | 24.5251 |
| 2009 | 6     | 17  | 20   | 12     | 17     | 0.3       | 2.3     | 1.61  | 89.3      | 17.6012 | 24.9876 |
| 2009 | 6     | 17  | 20   | 22     | 17     | 0.3       | 2.3     | 1.63  | 88.4      | 17.6012 | 25.2446 |
| 2009 | 6     | 17  | 20   | 32     | 17     | 0.3       | 2.3     | 1.6   | 87.2      | 17.6012 | 24.782  |
| 2009 | 6     | 17  | 20   | 42     | 17     | 0.3       | 2.3     | 1.6   | 88.3      | 17.6012 | 24.6793 |
| 2009 | 6     | 17  | 20   | 52     | 17     | 0.3       | 2.3     | 1.6   | 89.5      | 17.6012 | 24.782  |
| 2009 | 6     | 17  | 21   | 2      | 17     | 0.3       | 2.3     | 1.53  | 88.2      | 17.6012 | 23.7033 |
| 2009 | 6     | 17  | 21   | 12     | 17     | 0.3       | 2.3     | 1.54  | 89.8      | 17.6012 | 23.8573 |
| 2009 | 6     | 17  | 21   | 22     | 17     | 0.3       | 2.3     | 1.6   | 90.4      | 17.6012 | 24.782  |
| 2009 | 6     | 17  | 21   | 32     | 17     | 0.3       | 2.3     | 1.59  | 88.2      | 17.6012 | 24.6279 |
| 2009 | 6     | 17  | 21   | 42     | 17     | 0.3       | 2.3     | 1.58  | 89.6      | 17.6012 | 24.4224 |
| 2009 | 6     | 17  | 21   | 52     | 17     | 0.3       | 2.3     | 1.56  | 88.7      | 17.6012 | 24.1655 |
| 2009 | 6     | 17  | 22   | 2      | 17     | 0.3       | 2.3     | 1.59  | 88.3      | 17.6012 | 24.5251 |
| 2009 | 6     | 17  | 22   | 12     | 17     | 0.3       | 2.3     | 1.57  | 89        | 17.6012 | 24.2683 |
| 2009 | 6     | 17  | 22   | 22     | 17     | 0.3       | 2.3     | 1.58  | 89.6      | 17.6012 | 24.4738 |
| 2009 | 6     | 17  | 22   | 32     | 17     | 0.3       | 2.3     | 1.6   | 88.3      | 17.6012 | 24.6793 |
| 2009 | 6     | 17  | 22   | 42     | 17     | 0.3       | 2.3     | 1.55  | 88.8      | 17.6012 | 23.9601 |
| 2009 | 6     | 17  | 22   | 52     | 17     | 0.3       | 2.3     | 1.57  | 88.6      | 17.6012 | 24.2169 |
| 2009 | 6     | 17  | 23   | 2      | 17     | 0.3       | 2.3     | 1.59  | 88        | 17.6012 | 24.6279 |
| 2009 | 6     | 17  | 23   | 12     | 17     | 0.3       | 2.3     | 1.58  | 88.1      | 17.6012 | 24.4224 |
| 2009 | 6     | 17  | 23   | 22     | 17     | 0.3       | 2.3     | 1.57  | 90        | 17.6012 | 24.2683 |
| 2009 | 6     | 17  | 23   | 32     | 17     | 0.3       | 2.3     | 1.58  | 87.7      | 17.6012 | 24.4224 |
| 2009 | 6     | 17  | 23   | 42     | 17     | 0.3       | 2.3     | 1.59  | 90        | 17.6012 | 24.6793 |
| 2009 | 6     | 17  | 23   | 52     | 17     | 0.3       | 2.3     | 1.61  | 89.2      | 17.6012 | 24.8848 |
| 2009 | 6     | 18  | 0    | 2      | 17     | 0.3       | 2.3     | 1.57  | 89.2      | 17.6012 | 24.3196 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 18  | 0    | 12     | 17     | 0.3       | 2.3     | 1.66  | 90.1      | 17.6012 | 25.6558 |
| 2009 | 6     | 18  | 0    | 22     | 17     | 0.3       | 2.3     | 1.57  | 87.7      | 17.6012 | 24.3196 |
| 2009 | 6     | 18  | 0    | 32     | 17     | 0.3       | 2.3     | 1.54  | 88.1      | 17.6012 | 23.8573 |
| 2009 | 6     | 18  | 0    | 42     | 17     | 0.3       | 2.3     | 1.62  | 88.4      | 17.6012 | 25.0904 |
| 2009 | 6     | 18  | 0    | 52     | 17     | 0.3       | 2.3     | 1.57  | 87.6      | 17.5757 | 24.182  |
| 2009 | 6     | 18  | 1    | 2      | 17     | 0.3       | 2.3     | 1.62  | 89.9      | 17.5757 | 25.0542 |
| 2009 | 6     | 18  | 1    | 12     | 17     | 0.3       | 2.3     | 1.59  | 88.6      | 17.6012 | 24.5251 |
| 2009 | 6     | 18  | 1    | 22     | 17     | 0.3       | 2.3     | 1.62  | 87.9      | 17.5757 | 25.0542 |
| 2009 | 6     | 18  | 1    | 32     | 17     | 0.3       | 2.3     | 1.59  | 88.7      | 17.5757 | 24.5411 |
| 2009 | 6     | 18  | 1    | 42     | 17     | 0.3       | 2.3     | 1.6   | 89.2      | 17.5757 | 24.7463 |
| 2009 | 6     | 18  | 1    | 52     | 17     | 0.3       | 2.3     | 1.58  | 88.3      | 17.5757 | 24.3872 |
| 2009 | 6     | 18  | 2    | 2      | 17     | 0.3       | 2.3     | 1.6   | 88.3      | 17.5757 | 24.6437 |
| 2009 | 6     | 18  | 2    | 12     | 17     | 0.3       | 2.3     | 1.58  | 89        | 17.5757 | 24.4385 |
| 2009 | 6     | 18  | 2    | 22     | 17     | 0.3       | 2.3     | 1.55  | 87.9      | 17.5757 | 23.8743 |
| 2009 | 6     | 18  | 2    | 32     | 17     | 0.3       | 2.3     | 1.61  | 87.2      | 17.5757 | 24.7977 |
| 2009 | 6     | 18  | 2    | 42     | 17     | 0.3       | 2.3     | 1.56  | 88.5      | 17.5503 | 23.9935 |
| 2009 | 6     | 18  | 2    | 52     | 17     | 0.3       | 2.3     | 1.58  | 88.6      | 17.5503 | 24.352  |
| 2009 | 6     | 18  | 3    | 2      | 17     | 0.3       | 2.3     | 1.58  | 89.6      | 17.5503 | 24.4545 |
| 2009 | 6     | 18  | 3    | 12     | 17     | 0.3       | 2.3     | 1.61  | 90        | 17.5503 | 24.9156 |
| 2009 | 6     | 18  | 3    | 22     | 17     | 0.3       | 2.3     | 1.55  | 87.8      | 17.5503 | 23.8398 |
| 2009 | 6     | 18  | 3    | 32     | 17     | 0.3       | 2.3     | 1.6   | 89.3      | 17.5503 | 24.7619 |
| 2009 | 6     | 18  | 3    | 42     | 17     | 0.3       | 2.3     | 1.55  | 87.9      | 17.5503 | 23.9422 |
| 2009 | 6     | 18  | 3    | 52     | 17     | 0.3       | 2.3     | 1.57  | 90.7      | 17.5503 | 24.1983 |
| 2009 | 6     | 18  | 4    | 2      | 17     | 0.3       | 2.3     | 1.6   | 89.2      | 17.5503 | 24.7619 |
| 2009 | 6     | 18  | 4    | 12     | 17     | 0.3       | 2.3     | 1.61  | 89.8      | 17.5503 | 24.8644 |
| 2009 | 6     | 18  | 4    | 22     | 17     | 0.3       | 2.3     | 1.65  | 89.2      | 17.5248 | 25.3913 |
| 2009 | 6     | 18  | 4    | 32     | 17     | 0.3       | 2.3     | 1.57  | 90        | 17.5503 | 24.2496 |
| 2009 | 6     | 18  | 4    | 42     | 17     | 0.3       | 2.3     | 1.56  | 90        | 17.5503 | 24.0447 |
| 2009 | 6     | 18  | 4    | 52     | 17     | 0.3       | 2.3     | 1.56  | 88.9      | 17.5248 | 24.01   |
| 2009 | 6     | 18  | 5    | 2      | 17     | 0.3       | 2.3     | 1.54  | 88.4      | 17.5248 | 23.7031 |
| 2009 | 6     | 18  | 5    | 12     | 17     | 0.3       | 2.3     | 1.62  | 90        | 17.5248 | 24.9308 |
| 2009 | 6     | 18  | 5    | 22     | 17     | 0.3       | 2.3     | 1.59  | 89.6      | 17.5248 | 24.5726 |
| 2009 | 6     | 18  | 5    | 32     | 17     | 0.3       | 2.3     | 1.58  | 90        | 17.5248 | 24.4192 |
| 2009 | 6     | 18  | 5    | 42     | 17     | 0.3       | 2.3     | 1.58  | 88.8      | 17.5503 | 24.4032 |
| 2009 | 6     | 18  | 5    | 52     | 17     | 0.3       | 2.3     | 1.56  | 88.4      | 17.5248 | 24.01   |
| 2009 | 6     | 18  | 6    | 2      | 17     | 0.3       | 2.3     | 1.61  | 90.4      | 17.5248 | 24.7773 |
| 2009 | 6     | 18  | 6    | 12     | 17     | 0.3       | 2.3     | 1.58  | 89.2      | 17.5248 | 24.368  |
| 2009 | 6     | 18  | 6    | 22     | 17     | 0.3       | 2.3     | 1.58  | 89.9      | 17.5248 | 24.368  |
| 2009 | 6     | 18  | 6    | 32     | 17     | 0.3       | 2.3     | 1.57  | 88.3      | 17.5248 | 24.1634 |
| 2009 | 6     | 18  | 6    | 42     | 17     | 0.3       | 2.3     | 1.58  | 88.8      | 17.5248 | 24.2657 |
| 2009 | 6     | 18  | 6    | 52     | 17     | 0.3       | 2.3     | 1.6   | 87.8      | 17.5248 | 24.5726 |
| 2009 | 6     | 18  | 7    | 2      | 17     | 0.3       | 2.3     | 1.61  | 88.8      | 17.5248 | 24.8796 |
| 2009 | 6     | 18  | 7    | 12     | 17     | 0.3       | 2.3     | 1.58  | 90        | 17.5248 | 24.3168 |
| 2009 | 6     | 18  | 7    | 22     | 17     | 0.3       | 2.3     | 1.6   | 88        | 17.5248 | 24.5726 |
| 2009 | 6     | 18  | 7    | 32     | 17     | 0.3       | 2.3     | 1.57  | 88.9      | 17.5248 | 24.2145 |
| 2009 | 6     | 18  | 7    | 42     | 17     | 0.3       | 2.3     | 1.56  | 90.1      | 17.5248 | 24.1122 |
| 2009 | 6     | 18  | 7    | 52     | 17     | 0.3       | 2.3     | 1.54  | 89.4      | 17.5248 | 23.7542 |
| 2009 | 6     | 18  | 8    | 2      | 17     | 0.3       | 2.3     | 1.58  | 87.5      | 17.5248 | 24.2657 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 18  | 8    | 12     | 17     | 0.3       | 2.3     | 1.61  | 88.9      | 17.5248 | 24.7773 |
| 2009 | 6     | 18  | 8    | 22     | 17     | 0.3       | 2.3     | 1.57  | 89.2      | 17.5248 | 24.2145 |
| 2009 | 6     | 18  | 8    | 32     | 17     | 0.3       | 2.3     | 1.6   | 91.2      | 17.5248 | 24.7261 |
| 2009 | 6     | 18  | 8    | 42     | 17     | 0.3       | 2.3     | 1.6   | 89.1      | 17.5248 | 24.7261 |
| 2009 | 6     | 18  | 8    | 52     | 17     | 0.3       | 2.3     | 1.56  | 88.8      | 17.5248 | 24.01   |
| 2009 | 6     | 18  | 9    | 2      | 17     | 0.3       | 2.3     | 1.6   | 89.3      | 17.5248 | 24.6238 |
| 2009 | 6     | 18  | 9    | 12     | 17     | 0.3       | 2.3     | 1.58  | 88.7      | 17.5248 | 24.3168 |
| 2009 | 6     | 18  | 9    | 22     | 17     | 0.3       | 2.3     | 1.57  | 89.3      | 17.5248 | 24.2145 |
| 2009 | 6     | 18  | 9    | 32     | 17     | 0.3       | 2.3     | 1.57  | 88.3      | 17.5248 | 24.2145 |
| 2009 | 6     | 18  | 9    | 42     | 17     | 0.3       | 2.3     | 1.56  | 88.8      | 17.5248 | 23.9588 |
| 2009 | 6     | 18  | 9    | 52     | 17     | 0.3       | 2.3     | 1.58  | 89.9      | 17.5248 | 24.368  |
| 2009 | 6     | 18  | 10   | 2      | 17     | 0.3       | 2.3     | 1.63  | 89        | 17.5248 | 25.0843 |
| 2009 | 6     | 18  | 10   | 12     | 17     | 0.3       | 2.3     | 1.6   | 90        | 17.5248 | 24.6749 |
| 2009 | 6     | 18  | 10   | 22     | 17     | 0.3       | 2.3     | 1.6   | 88.8      | 17.5248 | 24.6238 |
| 2009 | 6     | 18  | 10   | 32     | 17     | 0.3       | 2.3     | 1.56  | 88.8      | 17.5248 | 23.9588 |
| 2009 | 6     | 18  | 10   | 42     | 17     | 0.3       | 2.3     | 1.57  | 89.2      | 17.5248 | 24.1122 |
| 2009 | 6     | 18  | 10   | 52     | 17     | 0.3       | 2.3     | 1.56  | 91.4      | 17.5248 | 24.0611 |
| 2009 | 6     | 18  | 11   | 2      | 17     | 0.3       | 2.3     | 1.55  | 88.2      | 17.5248 | 23.8054 |
| 2009 | 6     | 18  | 11   | 12     | 17     | 0.3       | 2.3     | 1.56  | 88.5      | 17.5248 | 23.9588 |
| 2009 | 6     | 18  | 11   | 22     | 17     | 0.3       | 2.3     | 1.56  | 89.6      | 17.5248 | 24.01   |
| 2009 | 6     | 18  | 11   | 32     | 17     | 0.3       | 2.3     | 1.55  | 87.9      | 17.5248 | 23.9077 |
| 2009 | 6     | 18  | 11   | 42     | 17     | 0.3       | 2.3     | 1.62  | 89.7      | 17.5248 | 24.9308 |
| 2009 | 6     | 18  | 11   | 52     | 17     | 0.3       | 2.3     | 1.61  | 88.9      | 17.5248 | 24.7773 |
| 2009 | 6     | 18  | 12   | 2      | 17     | 0.3       | 2.3     | 1.59  | 89.9      | 17.5248 | 24.4703 |
| 2009 | 6     | 18  | 12   | 12     | 17     | 0.3       | 2.3     | 1.58  | 88        | 17.5248 | 24.368  |
| 2009 | 6     | 18  | 12   | 22     | 17     | 0.3       | 2.3     | 1.59  | 89.2      | 17.5248 | 24.4703 |
| 2009 | 6     | 18  | 12   | 32     | 17     | 0.3       | 2.3     | 1.58  | 88.9      | 17.5248 | 24.368  |
| 2009 | 6     | 18  | 12   | 42     | 17     | 0.3       | 2.3     | 1.57  | 89.4      | 17.5248 | 24.2145 |
| 2009 | 6     | 18  | 12   | 52     | 17     | 0.3       | 2.3     | 1.6   | 88.3      | 17.5248 | 24.5726 |
| 2009 | 6     | 18  | 13   | 2      | 17     | 0.3       | 2.3     | 1.63  | 87.7      | 17.5248 | 25.0331 |
| 2009 | 6     | 18  | 13   | 12     | 17     | 0.3       | 2.3     | 1.65  | 89.9      | 17.5248 | 25.3913 |
| 2009 | 6     | 18  | 13   | 22     | 17     | 0.3       | 2.3     | 1.57  | 90.7      | 17.5248 | 24.1634 |
| 2009 | 6     | 18  | 13   | 32     | 17     | 0.3       | 2.3     | 1.56  | 87.8      | 17.5248 | 24.01   |
| 2009 | 6     | 18  | 13   | 42     | 17     | 0.3       | 2.3     | 1.6   | 88        | 17.5248 | 24.6749 |
| 2009 | 6     | 18  | 13   | 52     | 17     | 0.3       | 2.3     | 1.56  | 87        | 17.5503 | 24.0447 |
| 2009 | 6     | 18  | 14   | 2      | 17     | 0.3       | 2.3     | 1.56  | 87.8      | 17.5248 | 24.0611 |
| 2009 | 6     | 18  | 14   | 12     | 17     | 0.3       | 2.3     | 1.55  | 88.3      | 17.5248 | 23.9077 |
| 2009 | 6     | 18  | 14   | 22     | 17     | 0.3       | 2.3     | 1.59  | 88.1      | 17.5248 | 24.5215 |
| 2009 | 6     | 18  | 14   | 32     | 17     | 0.3       | 2.3     | 1.63  | 89.1      | 17.5503 | 25.2231 |
| 2009 | 6     | 18  | 14   | 42     | 17     | 0.3       | 2.3     | 1.58  | 89.2      | 17.5503 | 24.4032 |
| 2009 | 6     | 18  | 14   | 52     | 17     | 0.3       | 2.3     | 1.53  | 88.8      | 17.5503 | 23.635  |
| 2009 | 6     | 18  | 15   | 2      | 17     | 0.3       | 2.3     | 1.58  | 90.8      | 17.5503 | 24.352  |
| 2009 | 6     | 18  | 15   | 12     | 17     | 0.3       | 2.3     | 1.58  | 89.2      | 17.5503 | 24.352  |
| 2009 | 6     | 18  | 15   | 22     | 17     | 0.3       | 2.3     | 1.63  | 89.1      | 17.5503 | 25.1718 |
| 2009 | 6     | 18  | 15   | 32     | 17     | 0.3       | 2.3     | 1.59  | 88.3      | 17.5503 | 24.5057 |
| 2009 | 6     | 18  | 15   | 42     | 17     | 0.3       | 2.3     | 1.59  | 90        | 17.5503 | 24.5057 |
| 2009 | 6     | 18  | 15   | 52     | 17     | 0.3       | 2.3     | 1.57  | 89.3      | 17.5503 | 24.3008 |
| 2009 | 6     | 18  | 16   | 2      | 17     | 0.3       | 2.3     | 1.56  | 89.4      | 17.5503 | 24.0447 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 18  | 16   | 12     | 17     | 0.3       | 2.3     | 1.57  | 89.8      | 17.5503 | 24.1983 |
| 2009 | 6     | 18  | 16   | 22     | 17     | 0.3       | 2.3     | 1.58  | 88.2      | 17.5503 | 24.4032 |
| 2009 | 6     | 18  | 16   | 32     | 17     | 0.3       | 2.3     | 1.59  | 87.7      | 17.5248 | 24.4192 |
| 2009 | 6     | 18  | 16   | 42     | 17     | 0.3       | 2.3     | 1.63  | 90.7      | 17.5248 | 25.0843 |
| 2009 | 6     | 18  | 16   | 52     | 17     | 0.3       | 2.3     | 1.58  | 89.1      | 17.5248 | 24.4192 |
| 2009 | 6     | 18  | 17   | 2      | 17     | 0.3       | 2.3     | 1.56  | 88.3      | 17.5503 | 24.0447 |
| 2009 | 6     | 18  | 17   | 12     | 17     | 0.3       | 2.3     | 1.54  | 89        | 17.5503 | 23.7374 |
| 2009 | 6     | 18  | 17   | 22     | 17     | 0.3       | 2.3     | 1.57  | 87.7      | 17.5503 | 24.1471 |
| 2009 | 6     | 18  | 17   | 32     | 17     | 0.3       | 2.3     | 1.58  | 88.9      | 17.5248 | 24.368  |
| 2009 | 6     | 18  | 17   | 42     | 17     | 0.3       | 2.3     | 1.58  | 88.3      | 17.5248 | 24.368  |
| 2009 | 6     | 18  | 17   | 52     | 17     | 0.3       | 2.3     | 1.57  | 88.9      | 17.5248 | 24.2145 |
| 2009 | 6     | 18  | 18   | 2      | 17     | 0.3       | 2.3     | 1.58  | 89.2      | 17.5248 | 24.368  |
| 2009 | 6     | 18  | 18   | 12     | 17     | 0.3       | 2.3     | 1.63  | 89.7      | 17.5248 | 25.0843 |
| 2009 | 6     | 18  | 18   | 22     | 17     | 0.3       | 2.3     | 1.6   | 88.8      | 17.5248 | 24.6749 |
| 2009 | 6     | 18  | 18   | 32     | 17     | 0.3       | 2.3     | 1.55  | 89.2      | 17.5248 | 23.9077 |
| 2009 | 6     | 18  | 18   | 42     | 17     | 0.3       | 2.3     | 1.6   | 87.8      | 17.5248 | 24.6238 |
| 2009 | 6     | 18  | 18   | 52     | 17     | 0.3       | 2.3     | 1.63  | 88.8      | 17.5248 | 25.1866 |
| 2009 | 6     | 18  | 19   | 2      | 17     | 0.3       | 2.3     | 1.61  | 89.1      | 17.5503 | 24.8131 |
| 2009 | 6     | 18  | 19   | 12     | 17     | 0.3       | 2.3     | 1.56  | 89.4      | 17.5248 | 24.0611 |
| 2009 | 6     | 18  | 19   | 22     | 17     | 0.3       | 2.3     | 1.61  | 88.1      | 17.5248 | 24.7773 |
| 2009 | 6     | 18  | 19   | 32     | 17     | 0.3       | 2.3     | 1.57  | 87        | 17.5248 | 24.1634 |
| 2009 | 6     | 18  | 19   | 42     | 17     | 0.3       | 2.3     | 1.62  | 88.3      | 17.5248 | 24.9819 |
| 2009 | 6     | 18  | 19   | 52     | 17     | 0.3       | 2.3     | 1.64  | 89.7      | 17.5503 | 25.3768 |
| 2009 | 6     | 18  | 20   | 2      | 17     | 0.3       | 2.3     | 1.54  | 88.2      | 17.5503 | 23.7374 |
| 2009 | 6     | 18  | 20   | 12     | 17     | 0.3       | 2.3     | 1.62  | 89.2      | 17.5503 | 24.9668 |
| 2009 | 6     | 18  | 20   | 22     | 17     | 0.3       | 2.3     | 1.57  | 88.8      | 17.5503 | 24.1471 |
| 2009 | 6     | 18  | 20   | 32     | 17     | 0.3       | 2.3     | 1.61  | 87.5      | 17.5503 | 24.7619 |
| 2009 | 6     | 18  | 20   | 42     | 17     | 0.3       | 2.3     | 1.57  | 90.5      | 17.5503 | 24.3008 |
| 2009 | 6     | 18  | 20   | 52     | 17     | 0.3       | 2.3     | 1.58  | 88.8      | 17.5248 | 24.368  |
| 2009 | 6     | 18  | 21   | 2      | 17     | 0.3       | 2.3     | 1.62  | 88.8      | 17.5503 | 24.9668 |
| 2009 | 6     | 18  | 21   | 12     | 17     | 0.3       | 2.3     | 1.56  | 88.2      | 17.5503 | 24.0447 |
| 2009 | 6     | 18  | 21   | 22     | 17     | 0.3       | 2.3     | 1.56  | 87.5      | 17.5503 | 24.0447 |
| 2009 | 6     | 18  | 21   | 32     | 17     | 0.3       | 2.3     | 1.59  | 90.5      | 17.5503 | 24.5057 |
| 2009 | 6     | 18  | 21   | 42     | 17     | 0.3       | 2.3     | 1.58  | 88.8      | 17.5503 | 24.4032 |
| 2009 | 6     | 18  | 21   | 52     | 17     | 0.3       | 2.3     | 1.58  | 90        | 17.5503 | 24.352  |
| 2009 | 6     | 18  | 22   | 2      | 17     | 0.3       | 2.3     | 1.57  | 89.8      | 17.5503 | 24.2496 |
| 2009 | 6     | 18  | 22   | 12     | 17     | 0.3       | 2.3     | 1.62  | 89.1      | 17.5248 | 24.9819 |
| 2009 | 6     | 18  | 22   | 22     | 17     | 0.3       | 2.3     | 1.5   | 88.1      | 17.5503 | 23.1229 |
| 2009 | 6     | 18  | 22   | 32     | 17     | 0.3       | 2.3     | 1.6   | 88        | 17.5248 | 24.6238 |
| 2009 | 6     | 18  | 22   | 42     | 17     | 0.3       | 2.3     | 1.62  | 89.3      | 17.5503 | 24.9668 |
| 2009 | 6     | 18  | 22   | 52     | 17     | 0.3       | 2.3     | 1.63  | 91.2      | 17.5248 | 25.1355 |
| 2009 | 6     | 18  | 23   | 2      | 17     | 0.3       | 2.3     | 1.55  | 86.7      | 17.5503 | 23.891  |
| 2009 | 6     | 18  | 23   | 12     | 17     | 0.3       | 2.3     | 1.65  | 90.2      | 17.5248 | 25.4425 |
| 2009 | 6     | 18  | 23   | 22     | 17     | 0.3       | 2.3     | 1.63  | 89        | 17.5248 | 25.0843 |
| 2009 | 6     | 18  | 23   | 32     | 17     | 0.3       | 2.3     | 1.6   | 89.6      | 17.5248 | 24.6749 |
| 2009 | 6     | 18  | 23   | 42     | 17     | 0.3       | 2.3     | 1.62  | 88.8      | 17.5248 | 24.9308 |
| 2009 | 6     | 18  | 23   | 52     | 17     | 0.3       | 2.3     | 1.62  | 88        | 17.5248 | 25.0331 |
| 2009 | 6     | 19  | 0    | 2      | 17     | 0.3       | 2.3     | 1.56  | 89.3      | 17.5248 | 24.0611 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 19  | 0    | 12     | 17     | 0.3       | 2.3     | 1.55  | 88.5      | 17.5248 | 23.8054 |
| 2009 | 6     | 19  | 0    | 22     | 17     | 0.3       | 2.3     | 1.56  | 90        | 17.4993 | 23.9752 |
| 2009 | 6     | 19  | 0    | 32     | 17     | 0.3       | 2.3     | 1.51  | 87        | 17.4993 | 23.2604 |
| 2009 | 6     | 19  | 0    | 42     | 17     | 0.3       | 2.3     | 1.63  | 88.5      | 17.4993 | 25.0991 |
| 2009 | 6     | 19  | 0    | 52     | 17     | 0.3       | 2.3     | 1.6   | 88.9      | 17.4993 | 24.6393 |
| 2009 | 6     | 19  | 1    | 2      | 17     | 0.3       | 2.3     | 1.57  | 88.4      | 17.4993 | 24.1284 |
| 2009 | 6     | 19  | 1    | 12     | 17     | 0.3       | 2.3     | 1.53  | 86.9      | 17.4993 | 23.5667 |
| 2009 | 6     | 19  | 1    | 22     | 17     | 0.3       | 2.3     | 1.63  | 90.3      | 17.4738 | 25.1138 |
| 2009 | 6     | 19  | 1    | 32     | 17     | 0.3       | 2.3     | 1.6   | 89.6      | 17.4993 | 24.6903 |
| 2009 | 6     | 19  | 1    | 42     | 17     | 0.3       | 2.3     | 1.59  | 89.2      | 17.4738 | 24.3995 |
| 2009 | 6     | 19  | 1    | 52     | 17     | 0.3       | 2.3     | 1.58  | 89.3      | 17.4738 | 24.2975 |
| 2009 | 6     | 19  | 2    | 2      | 17     | 0.3       | 2.3     | 1.61  | 89.6      | 17.4738 | 24.7566 |
| 2009 | 6     | 19  | 2    | 12     | 17     | 0.3       | 2.3     | 1.56  | 90.1      | 17.4738 | 23.8895 |
| 2009 | 6     | 19  | 2    | 22     | 17     | 0.3       | 2.3     | 1.56  | 89.3      | 17.4484 | 23.8549 |
| 2009 | 6     | 19  | 2    | 32     | 17     | 0.3       | 2.3     | 1.58  | 87.7      | 17.4484 | 24.2114 |
| 2009 | 6     | 19  | 2    | 42     | 17     | 0.3       | 2.3     | 1.55  | 87.1      | 17.4484 | 23.7021 |
| 2009 | 6     | 19  | 2    | 52     | 17     | 0.3       | 2.3     | 1.63  | 87.8      | 17.4484 | 24.9245 |
| 2009 | 6     | 19  | 3    | 2      | 17     | 0.3       | 2.3     | 1.59  | 89.5      | 17.4484 | 24.466  |
| 2009 | 6     | 19  | 3    | 12     | 17     | 0.3       | 2.3     | 1.56  | 88.8      | 17.4484 | 23.8549 |
| 2009 | 6     | 19  | 3    | 22     | 17     | 0.3       | 2.3     | 1.6   | 87.7      | 17.4229 | 24.5322 |
| 2009 | 6     | 19  | 3    | 32     | 17     | 0.3       | 2.3     | 1.6   | 88.1      | 17.4229 | 24.4814 |
| 2009 | 6     | 19  | 3    | 42     | 17     | 0.3       | 2.3     | 1.62  | 89        | 17.4229 | 24.7866 |
| 2009 | 6     | 19  | 3    | 52     | 17     | 0.3       | 2.3     | 1.61  | 89.6      | 17.4229 | 24.634  |
| 2009 | 6     | 19  | 4    | 2      | 17     | 0.3       | 2.3     | 1.62  | 88.4      | 17.4229 | 24.7866 |
| 2009 | 6     | 19  | 4    | 12     | 17     | 0.3       | 2.3     | 1.57  | 87.5      | 17.4229 | 23.9728 |
| 2009 | 6     | 19  | 4    | 22     | 17     | 0.3       | 2.3     | 1.57  | 86.3      | 17.4229 | 24.0237 |
| 2009 | 6     | 19  | 4    | 32     | 17     | 0.3       | 2.3     | 1.62  | 88.1      | 17.4229 | 24.7357 |
| 2009 | 6     | 19  | 4    | 42     | 17     | 0.3       | 2.3     | 1.57  | 88.2      | 17.4229 | 24.0237 |
| 2009 | 6     | 19  | 4    | 52     | 17     | 0.3       | 2.3     | 1.59  | 89.1      | 17.4229 | 24.3797 |
| 2009 | 6     | 19  | 5    | 2      | 17     | 0.3       | 2.3     | 1.59  | 89.2      | 17.4229 | 24.3288 |
| 2009 | 6     | 19  | 5    | 12     | 17     | 0.3       | 2.3     | 1.62  | 89.9      | 17.4229 | 24.8375 |
| 2009 | 6     | 19  | 5    | 22     | 17     | 0.3       | 2.3     | 1.6   | 89.3      | 17.4229 | 24.4814 |
| 2009 | 6     | 19  | 5    | 32     | 17     | 0.3       | 2.3     | 1.57  | 88.7      | 17.4229 | 24.0237 |
| 2009 | 6     | 19  | 5    | 42     | 17     | 0.3       | 2.3     | 1.61  | 89.4      | 17.3974 | 24.649  |
| 2009 | 6     | 19  | 5    | 52     | 17     | 0.3       | 2.3     | 1.59  | 89.3      | 17.3974 | 24.395  |
| 2009 | 6     | 19  | 6    | 2      | 17     | 0.3       | 2.3     | 1.61  | 89.3      | 17.3974 | 24.5982 |
| 2009 | 6     | 19  | 6    | 12     | 17     | 0.3       | 2.3     | 1.58  | 88.8      | 17.3974 | 24.0903 |
| 2009 | 6     | 19  | 6    | 22     | 17     | 0.3       | 2.3     | 1.63  | 89.5      | 17.3974 | 24.9538 |
| 2009 | 6     | 19  | 6    | 32     | 17     | 0.3       | 2.3     | 1.56  | 89.2      | 17.4229 | 23.8203 |
| 2009 | 6     | 19  | 6    | 42     | 17     | 0.3       | 2.3     | 1.63  | 90        | 17.4229 | 24.9901 |
| 2009 | 6     | 19  | 6    | 52     | 17     | 0.3       | 2.3     | 1.63  | 87.8      | 17.4229 | 24.9901 |
| 2009 | 6     | 19  | 7    | 2      | 17     | 0.3       | 2.3     | 1.6   | 89.4      | 17.4229 | 24.5322 |
| 2009 | 6     | 19  | 7    | 12     | 17     | 0.3       | 2.3     | 1.59  | 90.5      | 17.4229 | 24.3797 |
| 2009 | 6     | 19  | 7    | 22     | 17     | 0.3       | 2.3     | 1.59  | 89.1      | 17.4229 | 24.3797 |
| 2009 | 6     | 19  | 7    | 32     | 17     | 0.3       | 2.3     | 1.6   | 87.2      | 17.4229 | 24.5322 |
| 2009 | 6     | 19  | 7    | 42     | 17     | 0.3       | 2.3     | 1.58  | 88.5      | 17.4229 | 24.1762 |
| 2009 | 6     | 19  | 7    | 52     | 17     | 0.3       | 2.3     | 1.61  | 89.1      | 17.4229 | 24.7357 |
| 2009 | 6     | 19  | 8    | 2      | 17     | 0.3       | 2.3     | 1.58  | 89.2      | 17.4229 | 24.2271 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 19  | 8    | 12     | 17     | 0.3       | 2.3     | 1.57  | 89        | 17.4229 | 23.9728 |
| 2009 | 6     | 19  | 8    | 22     | 17     | 0.3       | 2.3     | 1.62  | 88.8      | 17.4229 | 24.8375 |
| 2009 | 6     | 19  | 8    | 32     | 17     | 0.3       | 2.3     | 1.66  | 90.8      | 17.4229 | 25.448  |
| 2009 | 6     | 19  | 8    | 42     | 17     | 0.3       | 2.3     | 1.58  | 88.6      | 17.4484 | 24.2623 |
| 2009 | 6     | 19  | 8    | 52     | 17     | 0.3       | 2.3     | 1.54  | 89.8      | 17.4484 | 23.6512 |
| 2009 | 6     | 19  | 9    | 2      | 17     | 0.3       | 2.3     | 1.57  | 88        | 17.4738 | 24.0425 |
| 2009 | 6     | 19  | 9    | 12     | 17     | 0.3       | 2.3     | 1.59  | 88.9      | 17.4738 | 24.3995 |
| 2009 | 6     | 19  | 9    | 22     | 17     | 0.3       | 2.3     | 1.63  | 88        | 17.4738 | 25.1138 |
| 2009 | 6     | 19  | 9    | 32     | 17     | 0.3       | 2.3     | 1.58  | 88.5      | 17.4738 | 24.2465 |
| 2009 | 6     | 19  | 9    | 42     | 17     | 0.3       | 2.3     | 1.58  | 87.7      | 17.4993 | 24.2817 |
| 2009 | 6     | 19  | 9    | 52     | 17     | 0.3       | 2.3     | 1.62  | 89.7      | 17.4993 | 24.8947 |
| 2009 | 6     | 19  | 10   | 2      | 17     | 0.3       | 2.3     | 1.6   | 89.2      | 17.4993 | 24.6393 |
| 2009 | 6     | 19  | 10   | 12     | 17     | 0.3       | 2.3     | 1.6   | 89.2      | 17.4993 | 24.6393 |
| 2009 | 6     | 19  | 10   | 22     | 17     | 0.3       | 2.3     | 1.63  | 90        | 17.4993 | 25.1502 |
| 2009 | 6     | 19  | 10   | 32     | 17     | 0.3       | 2.3     | 1.56  | 88.9      | 17.5248 | 23.9588 |
| 2009 | 6     | 19  | 10   | 42     | 17     | 0.3       | 2.3     | 1.58  | 91.1      | 17.5248 | 24.2657 |
| 2009 | 6     | 19  | 10   | 52     | 17     | 0.3       | 2.3     | 1.59  | 89.2      | 17.5248 | 24.5215 |
| 2009 | 6     | 19  | 11   | 2      | 17     | 0.3       | 2.3     | 1.55  | 86.6      | 17.5503 | 23.891  |
| 2009 | 6     | 19  | 11   | 12     | 17     | 0.3       | 2.3     | 1.66  | 90        | 17.5503 | 25.5818 |
| 2009 | 6     | 19  | 11   | 22     | 17     | 0.3       | 2.3     | 1.6   | 88.3      | 17.5503 | 24.6082 |
| 2009 | 6     | 19  | 11   | 32     | 17     | 0.3       | 2.3     | 1.58  | 89.2      | 17.5248 | 24.4192 |
| 2009 | 6     | 19  | 11   | 42     | 17     | 0.3       | 2.3     | 1.58  | 89.2      | 17.5503 | 24.352  |
| 2009 | 6     | 19  | 11   | 52     | 17     | 0.3       | 2.3     | 1.61  | 86.7      | 17.5503 | 24.8644 |
| 2009 | 6     | 19  | 12   | 2      | 17     | 0.3       | 2.3     | 1.6   | 88.5      | 17.5503 | 24.6082 |
| 2009 | 6     | 19  | 12   | 12     | 17     | 0.3       | 2.3     | 1.58  | 88.1      | 17.5757 | 24.3872 |
| 2009 | 6     | 19  | 12   | 22     | 17     | 0.3       | 2.3     | 1.6   | 88.3      | 17.5757 | 24.6437 |
| 2009 | 6     | 19  | 12   | 32     | 17     | 0.3       | 2.3     | 1.6   | 87.7      | 17.5757 | 24.7463 |
| 2009 | 6     | 19  | 12   | 42     | 17     | 0.3       | 2.3     | 1.57  | 89.2      | 17.5757 | 24.182  |
| 2009 | 6     | 19  | 12   | 52     | 17     | 0.3       | 2.3     | 1.63  | 90.9      | 17.5757 | 25.2082 |
| 2009 | 6     | 19  | 13   | 2      | 17     | 0.3       | 2.3     | 1.66  | 89.3      | 17.6012 | 25.7072 |
| 2009 | 6     | 19  | 13   | 12     | 17     | 0.3       | 2.3     | 1.55  | 87.5      | 17.6012 | 24.0114 |
| 2009 | 6     | 19  | 13   | 22     | 17     | 0.3       | 2.3     | 1.57  | 88        | 17.6012 | 24.3196 |
| 2009 | 6     | 19  | 13   | 32     | 17     | 0.3       | 2.3     | 1.62  | 88        | 17.6012 | 24.9876 |
| 2009 | 6     | 19  | 13   | 42     | 17     | 0.3       | 2.3     | 1.59  | 88.1      | 17.6012 | 24.6279 |
| 2009 | 6     | 19  | 13   | 52     | 17     | 0.3       | 2.3     | 1.56  | 87.8      | 17.6267 | 24.1489 |
| 2009 | 6     | 19  | 14   | 2      | 17     | 0.3       | 2.3     | 1.63  | 89.2      | 17.6012 | 25.2446 |
| 2009 | 6     | 19  | 14   | 12     | 17     | 0.3       | 2.3     | 1.64  | 88.9      | 17.6267 | 25.3839 |
| 2009 | 6     | 19  | 14   | 22     | 17     | 0.3       | 2.3     | 1.58  | 88        | 17.6267 | 24.509  |
| 2009 | 6     | 19  | 14   | 32     | 17     | 0.3       | 2.3     | 1.6   | 88.7      | 17.6267 | 24.8178 |
| 2009 | 6     | 19  | 14   | 42     | 17     | 0.3       | 2.3     | 1.63  | 89        | 17.6267 | 25.2809 |
| 2009 | 6     | 19  | 14   | 52     | 17     | 0.3       | 2.3     | 1.56  | 88.1      | 17.6522 | 24.1321 |
| 2009 | 6     | 19  | 15   | 2      | 17     | 0.3       | 2.3     | 1.55  | 86.6      | 17.6522 | 23.9776 |
| 2009 | 6     | 19  | 15   | 12     | 17     | 0.3       | 2.3     | 1.64  | 90        | 17.6522 | 25.5235 |
| 2009 | 6     | 19  | 15   | 22     | 17     | 0.3       | 2.3     | 1.58  | 86.4      | 17.6522 | 24.5443 |
| 2009 | 6     | 19  | 15   | 32     | 17     | 0.3       | 2.3     | 1.61  | 87.7      | 17.6522 | 24.9565 |
| 2009 | 6     | 19  | 15   | 42     | 17     | 0.3       | 2.3     | 1.65  | 89.7      | 17.6522 | 25.6266 |
| 2009 | 6     | 19  | 15   | 52     | 17     | 0.3       | 2.3     | 1.61  | 90.7      | 17.6777 | 25.0956 |
| 2009 | 6     | 19  | 16   | 2      | 17     | 0.3       | 2.3     | 1.61  | 89        | 17.6777 | 25.0956 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 19  | 16   | 12     | 17     | 0.3       | 2.3     | 1.6   | 87.8      | 17.6777 | 24.8892 |
| 2009 | 6     | 19  | 16   | 22     | 17     | 0.3       | 2.3     | 1.63  | 87.8      | 17.6777 | 25.2505 |
| 2009 | 6     | 19  | 16   | 32     | 17     | 0.3       | 2.3     | 1.62  | 87.6      | 17.6777 | 25.0956 |
| 2009 | 6     | 19  | 16   | 42     | 17     | 0.3       | 2.3     | 1.62  | 89.7      | 17.7033 | 25.1834 |
| 2009 | 6     | 19  | 16   | 52     | 17     | 0.3       | 2.3     | 1.6   | 89.5      | 17.7033 | 24.9249 |
| 2009 | 6     | 19  | 17   | 2      | 17     | 0.3       | 2.3     | 1.62  | 89.2      | 17.7033 | 25.2867 |
| 2009 | 6     | 19  | 17   | 12     | 17     | 0.3       | 2.3     | 1.57  | 89        | 17.7033 | 24.3565 |
| 2009 | 6     | 19  | 17   | 22     | 17     | 0.3       | 2.3     | 1.57  | 88.7      | 17.7033 | 24.4082 |
| 2009 | 6     | 19  | 17   | 32     | 17     | 0.3       | 2.3     | 1.61  | 89.3      | 17.7033 | 25.08   |
| 2009 | 6     | 19  | 17   | 42     | 17     | 0.3       | 2.3     | 1.59  | 88.2      | 17.7288 | 24.8054 |
| 2009 | 6     | 19  | 17   | 52     | 17     | 0.3       | 2.3     | 1.64  | 87.8      | 17.7288 | 25.5818 |
| 2009 | 6     | 19  | 18   | 2      | 17     | 0.3       | 2.3     | 1.65  | 88.2      | 17.7288 | 25.7889 |
| 2009 | 6     | 19  | 18   | 12     | 17     | 0.3       | 2.3     | 1.62  | 89.7      | 17.7288 | 25.323  |
| 2009 | 6     | 19  | 18   | 22     | 17     | 0.3       | 2.3     | 1.63  | 89.2      | 17.7288 | 25.3748 |
| 2009 | 6     | 19  | 18   | 32     | 17     | 0.3       | 2.3     | 1.6   | 87.7      | 17.7543 | 24.9964 |
| 2009 | 6     | 19  | 18   | 42     | 17     | 0.3       | 2.3     | 1.65  | 89.3      | 17.7543 | 25.7222 |
| 2009 | 6     | 19  | 18   | 52     | 17     | 0.3       | 2.3     | 1.69  | 89.6      | 17.7543 | 26.4481 |
| 2009 | 6     | 19  | 19   | 2      | 17     | 0.3       | 2.3     | 1.64  | 89.4      | 17.7543 | 25.6703 |
| 2009 | 6     | 19  | 19   | 12     | 17     | 0.3       | 2.6     | 1.7   | 89.6      | 17.7798 | 26.5898 |
| 2009 | 6     | 19  | 19   | 22     | 17     | 0.3       | 2.6     | 1.68  | 89.7      | 17.7798 | 26.2263 |
| 2009 | 6     | 19  | 19   | 32     | 17     | 0.3       | 2.6     | 1.68  | 89.7      | 17.8054 | 26.3678 |
| 2009 | 6     | 19  | 19   | 42     | 17     | 0.3       | 2.6     | 1.67  | 89.3      | 17.8054 | 26.2117 |
| 2009 | 6     | 19  | 19   | 52     | 17     | 0.3       | 2.6     | 1.65  | 89.8      | 17.8309 | 25.8846 |
| 2009 | 6     | 19  | 20   | 2      | 17     | 0.3       | 2.6     | 1.69  | 89.8      | 17.8309 | 26.5616 |
| 2009 | 6     | 19  | 20   | 12     | 17     | 0.3       | 2.6     | 1.64  | 89.2      | 17.8564 | 25.7651 |
| 2009 | 6     | 19  | 20   | 22     | 17     | 0.3       | 2.6     | 1.69  | 88.3      | 17.882  | 26.5851 |
| 2009 | 6     | 19  | 20   | 32     | 17     | 0.3       | 2.6     | 1.69  | 90        | 17.882  | 26.6373 |
| 2009 | 6     | 19  | 20   | 42     | 17     | 0.3       | 2.6     | 1.68  | 88.9      | 17.9076 | 26.4137 |
| 2009 | 6     | 19  | 20   | 52     | 17     | 0.3       | 2.6     | 1.7   | 89.7      | 17.9076 | 26.8321 |
| 2009 | 6     | 19  | 21   | 2      | 17     | 0.3       | 2.6     | 1.64  | 88        | 17.9076 | 25.7861 |
| 2009 | 6     | 19  | 21   | 12     | 17     | 0.3       | 2.6     | 1.66  | 89.3      | 17.9076 | 26.1522 |
| 2009 | 6     | 19  | 21   | 22     | 17     | 0.3       | 2.6     | 1.61  | 88.8      | 17.9331 | 25.4562 |
| 2009 | 6     | 19  | 21   | 32     | 17     | 0.3       | 2.6     | 1.67  | 89.4      | 17.9331 | 26.2941 |
| 2009 | 6     | 19  | 21   | 42     | 17     | 0.3       | 2.6     | 1.61  | 89.2      | 17.9331 | 25.3515 |
| 2009 | 6     | 19  | 21   | 52     | 17     | 0.3       | 2.6     | 1.71  | 90.5      | 17.9587 | 27.0657 |
| 2009 | 6     | 19  | 22   | 2      | 17     | 0.3       | 2.6     | 1.59  | 88.6      | 17.9587 | 25.1253 |
| 2009 | 6     | 19  | 22   | 12     | 17     | 0.3       | 2.6     | 1.63  | 89.9      | 17.9587 | 25.702  |
| 2009 | 6     | 19  | 22   | 22     | 17     | 0.3       | 2.6     | 1.62  | 88.5      | 17.9842 | 25.6859 |
| 2009 | 6     | 19  | 22   | 32     | 17     | 0.3       | 2.6     | 1.65  | 90.2      | 17.9587 | 26.0167 |
| 2009 | 6     | 19  | 22   | 42     | 17     | 0.3       | 2.6     | 1.65  | 88.5      | 17.9842 | 26.0535 |
| 2009 | 6     | 19  | 22   | 52     | 17     | 0.3       | 2.6     | 1.66  | 88.4      | 17.9842 | 26.2111 |
| 2009 | 6     | 19  | 23   | 2      | 17     | 0.3       | 2.6     | 1.67  | 89.5      | 17.9842 | 26.4212 |
| 2009 | 6     | 19  | 23   | 12     | 17     | 0.3       | 2.6     | 1.63  | 89.3      | 17.9842 | 25.7909 |
| 2009 | 6     | 19  | 23   | 22     | 17     | 0.3       | 2.6     | 1.69  | 90.1      | 17.9842 | 26.7363 |
| 2009 | 6     | 19  | 23   | 32     | 17     | 0.3       | 2.6     | 1.65  | 90.2      | 17.9842 | 26.0535 |
| 2009 | 6     | 19  | 23   | 42     | 17     | 0.3       | 2.6     | 1.64  | 89.4      | 17.9842 | 25.9485 |
| 2009 | 6     | 19  | 23   | 52     | 17     | 0.3       | 2.6     | 1.65  | 89        | 17.9842 | 26.0535 |
| 2009 | 6     | 20  | 0    | 2      | 17     | 0.3       | 2.6     | 1.61  | 89.6      | 17.9842 | 25.4234 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 20  | 0    | 12     | 17     | 0.3       | 2.6     | 1.61  | 89.3      | 17.9842 | 25.4759 |
| 2009 | 6     | 20  | 0    | 22     | 17     | 0.3       | 2.6     | 1.67  | 88.9      | 17.9842 | 26.4212 |
| 2009 | 6     | 20  | 0    | 32     | 17     | 0.3       | 2.6     | 1.64  | 89        | 17.9842 | 25.896  |
| 2009 | 6     | 20  | 0    | 42     | 17     | 0.3       | 2.6     | 1.65  | 87.6      | 18.0098 | 26.143  |
| 2009 | 6     | 20  | 0    | 52     | 17     | 0.3       | 2.6     | 1.66  | 88.9      | 18.0098 | 26.2481 |
| 2009 | 6     | 20  | 1    | 2      | 17     | 0.3       | 2.6     | 1.65  | 90.3      | 18.0098 | 26.0904 |
| 2009 | 6     | 20  | 1    | 12     | 17     | 0.3       | 2.6     | 1.65  | 88.5      | 18.0098 | 26.1955 |
| 2009 | 6     | 20  | 1    | 22     | 17     | 0.3       | 2.6     | 1.65  | 89.7      | 18.0098 | 26.0904 |
| 2009 | 6     | 20  | 1    | 32     | 17     | 0.3       | 2.6     | 1.66  | 88.5      | 18.0098 | 26.2481 |
| 2009 | 6     | 20  | 1    | 42     | 17     | 0.3       | 2.6     | 1.67  | 90        | 18.0098 | 26.4585 |
| 2009 | 6     | 20  | 1    | 52     | 17     | 0.3       | 2.6     | 1.72  | 88.8      | 18.0098 | 27.195  |
| 2009 | 6     | 20  | 2    | 2      | 17     | 0.3       | 2.6     | 1.67  | 89.2      | 18.0098 | 26.5111 |
| 2009 | 6     | 20  | 2    | 12     | 17     | 0.3       | 2.6     | 1.67  | 90.7      | 18.0098 | 26.4059 |
| 2009 | 6     | 20  | 2    | 22     | 17     | 0.3       | 2.6     | 1.66  | 90        | 18.0098 | 26.2481 |
| 2009 | 6     | 20  | 2    | 32     | 17     | 0.3       | 2.6     | 1.66  | 90        | 18.0098 | 26.3533 |
| 2009 | 6     | 20  | 2    | 42     | 17     | 0.3       | 2.6     | 1.67  | 89.9      | 18.0354 | 26.5486 |
| 2009 | 6     | 20  | 2    | 52     | 17     | 0.3       | 2.6     | 1.68  | 89.3      | 18.0354 | 26.6012 |
| 2009 | 6     | 20  | 3    | 2      | 17     | 0.3       | 2.6     | 1.68  | 89.6      | 18.0354 | 26.7066 |
| 2009 | 6     | 20  | 3    | 12     | 17     | 0.3       | 2.6     | 1.68  | 90        | 18.061  | 26.6915 |
| 2009 | 6     | 20  | 3    | 22     | 17     | 0.3       | 2.6     | 1.63  | 88.4      | 18.061  | 25.8477 |
| 2009 | 6     | 20  | 3    | 32     | 17     | 0.3       | 2.6     | 1.67  | 90.8      | 18.0866 | 26.5707 |
| 2009 | 6     | 20  | 3    | 42     | 17     | 0.3       | 2.6     | 1.69  | 88.8      | 18.1122 | 26.9255 |
| 2009 | 6     | 20  | 3    | 52     | 17     | 0.3       | 2.6     | 1.63  | 90        | 18.1378 | 25.957  |
| 2009 | 6     | 20  | 4    | 2      | 17     | 0.3       | 2.6     | 1.66  | 89.1      | 18.1378 | 26.5395 |
| 2009 | 6     | 20  | 4    | 12     | 17     | 0.3       | 2.6     | 1.7   | 91.1      | 18.1634 | 27.1073 |
| 2009 | 6     | 20  | 4    | 22     | 17     | 0.3       | 2.6     | 1.66  | 89.5      | 18.189  | 26.5609 |
| 2009 | 6     | 20  | 4    | 32     | 17     | 0.3       | 2.6     | 1.65  | 89.3      | 18.189  | 26.3485 |
| 2009 | 6     | 20  | 4    | 42     | 17     | 0.3       | 2.6     | 1.64  | 88.5      | 18.2146 | 26.279  |
| 2009 | 6     | 20  | 4    | 52     | 17     | 0.3       | 2.6     | 1.66  | 88.8      | 18.2146 | 26.545  |
| 2009 | 6     | 20  | 5    | 2      | 17     | 0.3       | 2.6     | 1.69  | 88.6      | 18.2146 | 27.0769 |
| 2009 | 6     | 20  | 5    | 12     | 17     | 0.3       | 2.6     | 1.65  | 90.1      | 18.2146 | 26.4386 |
| 2009 | 6     | 20  | 5    | 22     | 17     | 0.3       | 2.6     | 1.63  | 88.8      | 18.2402 | 26.156  |
| 2009 | 6     | 20  | 5    | 32     | 17     | 0.3       | 2.6     | 1.61  | 90.8      | 18.2402 | 25.8898 |
| 2009 | 6     | 20  | 5    | 42     | 17     | 0.3       | 2.6     | 1.7   | 89.3      | 18.2402 | 27.2746 |
| 2009 | 6     | 20  | 5    | 52     | 17     | 0.3       | 2.6     | 1.64  | 88.6      | 18.2402 | 26.2625 |
| 2009 | 6     | 20  | 6    | 2      | 17     | 0.3       | 2.6     | 1.68  | 89.7      | 18.2402 | 26.9017 |
| 2009 | 6     | 20  | 6    | 12     | 17     | 0.3       | 2.6     | 1.63  | 90.5      | 18.2658 | 26.2459 |
| 2009 | 6     | 20  | 6    | 22     | 17     | 0.3       | 2.6     | 1.69  | 89.7      | 18.2658 | 27.206  |
| 2009 | 6     | 20  | 6    | 32     | 17     | 0.3       | 2.6     | 1.63  | 88.8      | 18.2658 | 26.1926 |
| 2009 | 6     | 20  | 6    | 42     | 17     | 0.3       | 2.6     | 1.63  | 90.7      | 18.2658 | 26.2459 |
| 2009 | 6     | 20  | 6    | 52     | 17     | 0.3       | 2.6     | 1.62  | 89.5      | 18.2915 | 26.1223 |
| 2009 | 6     | 20  | 7    | 2      | 17     | 0.3       | 2.6     | 1.68  | 90.3      | 18.2915 | 27.0837 |
| 2009 | 6     | 20  | 7    | 12     | 17     | 0.3       | 2.6     | 1.65  | 89.7      | 18.2915 | 26.603  |
| 2009 | 6     | 20  | 7    | 22     | 17     | 0.3       | 2.6     | 1.68  | 88.4      | 18.3171 | 27.0145 |
| 2009 | 6     | 20  | 7    | 32     | 17     | 0.3       | 2.6     | 1.62  | 90.6      | 18.3171 | 26.1587 |
| 2009 | 6     | 20  | 7    | 42     | 17     | 0.3       | 2.6     | 1.71  | 90        | 18.3427 | 27.6414 |
| 2009 | 6     | 20  | 7    | 52     | 17     | 0.3       | 2.6     | 1.6   | 87.5      | 18.3427 | 25.8203 |
| 2009 | 6     | 20  | 8    | 2      | 17     | 0.3       | 2.6     | 1.65  | 90        | 18.3684 | 26.6606 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 20  | 8    | 12     | 17     | 0.3       | 2.6     | 1.63  | 91.2      | 18.394  | 26.3753 |
| 2009 | 6     | 20  | 8    | 22     | 17     | 0.3       | 2.6     | 1.63  | 91.4      | 18.4197 | 26.4657 |
| 2009 | 6     | 20  | 8    | 32     | 17     | 0.3       | 2.6     | 1.67  | 89.4      | 18.4453 | 27.0948 |
| 2009 | 6     | 20  | 8    | 42     | 17     | 0.3       | 2.6     | 1.64  | 89.2      | 18.4453 | 26.5562 |
| 2009 | 6     | 20  | 8    | 52     | 17     | 0.3       | 2.6     | 1.65  | 88.9      | 18.471  | 26.8087 |
| 2009 | 6     | 20  | 9    | 2      | 17     | 0.3       | 2.6     | 1.64  | 89.5      | 18.471  | 26.7008 |
| 2009 | 6     | 20  | 9    | 12     | 17     | 0.3       | 2.6     | 1.65  | 89.9      | 18.4967 | 26.8997 |
| 2009 | 6     | 20  | 9    | 22     | 17     | 0.3       | 2.6     | 1.67  | 89.1      | 18.4967 | 27.1698 |
| 2009 | 6     | 20  | 9    | 32     | 17     | 0.3       | 2.6     | 1.65  | 89.9      | 18.4967 | 26.8997 |
| 2009 | 6     | 20  | 9    | 42     | 17     | 0.3       | 2.6     | 1.67  | 89.8      | 18.5223 | 27.1532 |
| 2009 | 6     | 20  | 9    | 52     | 17     | 0.3       | 2.6     | 1.59  | 89.4      | 18.5223 | 25.9635 |
| 2009 | 6     | 20  | 10   | 2      | 17     | 0.3       | 2.6     | 1.63  | 89.7      | 18.5223 | 26.6124 |
| 2009 | 6     | 20  | 10   | 12     | 17     | 0.3       | 2.6     | 1.65  | 89.1      | 18.5223 | 26.9368 |
| 2009 | 6     | 20  | 10   | 22     | 17     | 0.3       | 2.6     | 1.62  | 89.5      | 18.5223 | 26.342  |
| 2009 | 6     | 20  | 10   | 32     | 17     | 0.3       | 2.6     | 1.64  | 88.3      | 18.548  | 26.7032 |
| 2009 | 6     | 20  | 10   | 42     | 17     | 0.3       | 2.6     | 1.65  | 90.6      | 18.548  | 26.9198 |
| 2009 | 6     | 20  | 10   | 52     | 17     | 0.3       | 2.6     | 1.73  | 90.1      | 18.548  | 28.2199 |
| 2009 | 6     | 20  | 11   | 2      | 17     | 0.3       | 2.6     | 1.66  | 90        | 18.5737 | 27.1196 |
| 2009 | 6     | 20  | 11   | 12     | 17     | 0.3       | 2.6     | 1.63  | 88.8      | 18.5737 | 26.6315 |
| 2009 | 6     | 20  | 11   | 22     | 17     | 0.3       | 2.6     | 1.63  | 89.2      | 18.5737 | 26.6857 |
| 2009 | 6     | 20  | 11   | 32     | 17     | 0.3       | 2.6     | 1.63  | 90        | 18.5994 | 26.7224 |
| 2009 | 6     | 20  | 11   | 42     | 17     | 0.3       | 2.6     | 1.67  | 89.3      | 18.5994 | 27.3198 |
| 2009 | 6     | 20  | 11   | 52     | 17     | 0.3       | 2.6     | 1.66  | 90.8      | 18.5994 | 27.1026 |
| 2009 | 6     | 20  | 12   | 2      | 17     | 0.3       | 2.6     | 1.66  | 89.7      | 18.5994 | 27.2112 |
| 2009 | 6     | 20  | 12   | 12     | 17     | 0.3       | 2.6     | 1.67  | 89.8      | 18.625  | 27.3573 |
| 2009 | 6     | 20  | 12   | 22     | 17     | 0.3       | 2.6     | 1.64  | 90.6      | 18.625  | 26.8679 |
| 2009 | 6     | 20  | 12   | 32     | 17     | 0.3       | 2.6     | 1.64  | 90.2      | 18.625  | 26.8679 |
| 2009 | 6     | 20  | 12   | 42     | 17     | 0.3       | 2.6     | 1.7   | 90.7      | 18.6507 | 27.8851 |
| 2009 | 6     | 20  | 12   | 52     | 17     | 0.3       | 2.6     | 1.64  | 89.3      | 18.6764 | 26.9961 |
| 2009 | 6     | 20  | 13   | 2      | 17     | 0.3       | 2.6     | 1.67  | 91.5      | 18.6764 | 27.3778 |
| 2009 | 6     | 20  | 13   | 12     | 17     | 0.3       | 2.6     | 1.63  | 89.2      | 18.7278 | 26.906  |
| 2009 | 6     | 20  | 13   | 22     | 17     | 0.3       | 2.6     | 1.64  | 89.3      | 18.7278 | 27.0153 |
| 2009 | 6     | 20  | 13   | 32     | 17     | 0.3       | 2.6     | 1.67  | 89.7      | 18.7536 | 27.5998 |
| 2009 | 6     | 20  | 13   | 42     | 17     | 0.3       | 2.6     | 1.67  | 89.2      | 18.7536 | 27.545  |
| 2009 | 6     | 20  | 13   | 52     | 17     | 0.3       | 2.6     | 1.67  | 89.2      | 18.7793 | 27.5827 |
| 2009 | 6     | 20  | 14   | 2      | 17     | 0.3       | 2.6     | 1.66  | 88.9      | 18.805  | 27.4017 |
| 2009 | 6     | 20  | 14   | 12     | 17     | 0.3       | 2.6     | 1.62  | 88.1      | 18.805  | 26.7978 |
| 2009 | 6     | 20  | 14   | 22     | 17     | 0.3       | 2.6     | 1.66  | 88.8      | 18.8307 | 27.44   |
| 2009 | 6     | 20  | 14   | 32     | 17     | 0.3       | 2.6     | 1.65  | 90.8      | 18.8307 | 27.2751 |
| 2009 | 6     | 20  | 14   | 42     | 17     | 0.3       | 2.6     | 1.68  | 90.4      | 18.8307 | 27.8799 |
| 2009 | 6     | 20  | 14   | 52     | 17     | 0.3       | 2.6     | 1.63  | 88.4      | 18.8564 | 27.0379 |
| 2009 | 6     | 20  | 15   | 2      | 17     | 0.3       | 2.6     | 1.67  | 89.4      | 18.8564 | 27.6986 |
| 2009 | 6     | 20  | 15   | 12     | 17     | 0.3       | 2.6     | 1.68  | 89.1      | 18.8564 | 27.8638 |
| 2009 | 6     | 20  | 15   | 22     | 17     | 0.3       | 2.6     | 1.67  | 90        | 18.8822 | 27.7924 |
| 2009 | 6     | 20  | 15   | 32     | 17     | 0.3       | 2.6     | 1.71  | 90.2      | 18.8822 | 28.3439 |
| 2009 | 6     | 20  | 15   | 42     | 17     | 0.3       | 2.6     | 1.64  | 88.6      | 18.8822 | 27.1859 |
| 2009 | 6     | 20  | 15   | 52     | 17     | 0.3       | 2.6     | 1.65  | 89.4      | 18.8822 | 27.4064 |
| 2009 | 6     | 20  | 16   | 2      | 17     | 0.3       | 2.6     | 1.65  | 90        | 18.9079 | 27.4998 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 20  | 16   | 12     | 17     | 0.3       | 2.6     | 1.65  | 90.2      | 18.9079 | 27.4998 |
| 2009 | 6     | 20  | 16   | 22     | 17     | 0.3       | 2.6     | 1.64  | 88.9      | 18.9079 | 27.279  |
| 2009 | 6     | 20  | 16   | 32     | 17     | 0.3       | 2.6     | 1.65  | 89.5      | 18.9079 | 27.4998 |
| 2009 | 6     | 20  | 16   | 42     | 17     | 0.3       | 2.6     | 1.64  | 88.3      | 18.9336 | 27.3723 |
| 2009 | 6     | 20  | 16   | 52     | 17     | 0.3       | 2.6     | 1.66  | 88.2      | 18.9336 | 27.6487 |
| 2009 | 6     | 20  | 17   | 2      | 17     | 0.3       | 2.6     | 1.66  | 91.2      | 18.9336 | 27.5934 |
| 2009 | 6     | 20  | 17   | 12     | 17     | 0.3       | 2.6     | 1.69  | 88.7      | 18.9336 | 28.1464 |
| 2009 | 6     | 20  | 17   | 22     | 17     | 0.3       | 2.6     | 1.67  | 89.2      | 18.9594 | 27.8533 |
| 2009 | 6     | 20  | 17   | 32     | 17     | 0.3       | 2.6     | 1.64  | 90.2      | 18.9594 | 27.355  |
| 2009 | 6     | 20  | 17   | 42     | 17     | 0.3       | 2.6     | 1.67  | 89.8      | 18.9594 | 27.8533 |
| 2009 | 6     | 20  | 17   | 52     | 17     | 0.3       | 2.6     | 1.66  | 89.5      | 18.9851 | 27.7811 |
| 2009 | 6     | 20  | 18   | 2      | 17     | 0.3       | 2.6     | 1.69  | 91.4      | 18.9851 | 28.1692 |
| 2009 | 6     | 20  | 18   | 12     | 17     | 0.3       | 2.6     | 1.67  | 90.8      | 18.9851 | 27.9474 |
| 2009 | 6     | 20  | 18   | 22     | 17     | 0.3       | 2.6     | 1.65  | 88.5      | 19.0109 | 27.542  |
| 2009 | 6     | 20  | 18   | 32     | 17     | 0.3       | 2.6     | 1.65  | 89.3      | 19.0109 | 27.653  |
| 2009 | 6     | 20  | 18   | 42     | 17     | 0.3       | 2.6     | 1.67  | 89.2      | 19.0367 | 27.9694 |
| 2009 | 6     | 20  | 18   | 52     | 17     | 0.3       | 2.6     | 1.68  | 89.2      | 19.0367 | 28.1918 |
| 2009 | 6     | 20  | 19   | 2      | 17     | 0.3       | 2.6     | 1.66  | 89.8      | 19.0882 | 27.8238 |
| 2009 | 6     | 20  | 19   | 12     | 17     | 0.3       | 2.6     | 1.66  | 89.2      | 19.0882 | 27.8238 |
| 2009 | 6     | 20  | 19   | 22     | 17     | 0.3       | 2.6     | 1.66  | 90        | 19.114  | 27.9739 |
| 2009 | 6     | 20  | 19   | 32     | 17     | 0.3       | 2.6     | 1.7   | 90.4      | 19.1397 | 28.6835 |
| 2009 | 6     | 20  | 19   | 42     | 17     | 0.3       | 2.6     | 1.67  | 88.8      | 19.1397 | 28.1802 |
| 2009 | 6     | 20  | 19   | 52     | 17     | 0.3       | 2.6     | 1.67  | 89.5      | 19.1655 | 28.163  |
| 2009 | 6     | 20  | 20   | 2      | 17     | 0.3       | 2.6     | 1.65  | 89.3      | 19.1655 | 27.8271 |
| 2009 | 6     | 20  | 20   | 12     | 17     | 0.3       | 2.6     | 1.66  | 90.1      | 19.1913 | 28.0336 |
| 2009 | 6     | 20  | 20   | 22     | 17     | 0.3       | 2.6     | 1.65  | 89.3      | 19.1913 | 27.9214 |
| 2009 | 6     | 20  | 20   | 32     | 17     | 0.3       | 2.6     | 1.7   | 90.1      | 19.1913 | 28.6503 |
| 2009 | 6     | 20  | 20   | 42     | 17     | 0.3       | 2.6     | 1.64  | 90        | 19.2171 | 27.7353 |
| 2009 | 6     | 20  | 20   | 52     | 17     | 0.3       | 2.6     | 1.65  | 90        | 19.2171 | 27.9598 |
| 2009 | 6     | 20  | 21   | 2      | 17     | 0.3       | 2.6     | 1.67  | 90        | 19.2171 | 28.1844 |
| 2009 | 6     | 20  | 21   | 12     | 17     | 0.3       | 2.6     | 1.67  | 89.4      | 19.2171 | 28.1844 |
| 2009 | 6     | 20  | 21   | 22     | 17     | 0.3       | 2.6     | 1.69  | 89.8      | 19.2429 | 28.6729 |
| 2009 | 6     | 20  | 21   | 32     | 17     | 0.3       | 2.6     | 1.64  | 90        | 19.2429 | 27.7172 |
| 2009 | 6     | 20  | 21   | 42     | 17     | 0.3       | 2.6     | 1.64  | 88.7      | 19.2429 | 27.7172 |
| 2009 | 6     | 20  | 21   | 52     | 17     | 0.3       | 2.6     | 1.67  | 88.9      | 19.2429 | 28.3355 |
| 2009 | 6     | 20  | 22   | 2      | 17     | 0.3       | 2.6     | 1.62  | 89.2      | 19.2429 | 27.3799 |
| 2009 | 6     | 20  | 22   | 12     | 17     | 0.3       | 2.6     | 1.64  | 89.4      | 19.2429 | 27.7172 |
| 2009 | 6     | 20  | 22   | 22     | 17     | 0.3       | 2.6     | 1.7   | 90.6      | 19.2687 | 28.8811 |
| 2009 | 6     | 20  | 22   | 32     | 17     | 0.3       | 2.6     | 1.68  | 90.6      | 19.2687 | 28.5433 |
| 2009 | 6     | 20  | 22   | 42     | 17     | 0.3       | 2.6     | 1.63  | 88.5      | 19.2687 | 27.6426 |
| 2009 | 6     | 20  | 22   | 52     | 17     | 0.3       | 2.6     | 1.65  | 89.7      | 19.2687 | 27.9803 |
| 2009 | 6     | 20  | 23   | 2      | 17     | 0.3       | 2.6     | 1.62  | 89.4      | 19.2687 | 27.4175 |
| 2009 | 6     | 20  | 23   | 12     | 17     | 0.3       | 2.6     | 1.68  | 89.3      | 19.2687 | 28.4307 |
| 2009 | 6     | 20  | 23   | 22     | 17     | 0.3       | 2.6     | 1.67  | 89.5      | 19.2687 | 28.2618 |
| 2009 | 6     | 20  | 23   | 32     | 17     | 0.3       | 2.6     | 1.68  | 89        | 19.2945 | 28.4696 |
| 2009 | 6     | 20  | 23   | 42     | 17     | 0.3       | 2.6     | 1.65  | 87.7      | 19.2945 | 28.0186 |
| 2009 | 6     | 20  | 23   | 52     | 17     | 0.3       | 2.6     | 1.65  | 89.3      | 19.2945 | 28.0186 |
| 2009 | 6     | 21  | 0    | 2      | 17     | 0.3       | 2.6     | 1.67  | 89.9      | 19.2945 | 28.3568 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 21  | 0    | 12     | 17     | 0.3       | 2.6     | 1.64  | 88.5      | 19.2945 | 27.7932 |
| 2009 | 6     | 21  | 0    | 22     | 17     | 0.3       | 2.6     | 1.7   | 89.3      | 19.2945 | 28.8079 |
| 2009 | 6     | 21  | 0    | 32     | 17     | 0.3       | 2.6     | 1.66  | 88        | 19.2945 | 28.1877 |
| 2009 | 6     | 21  | 0    | 42     | 17     | 0.3       | 2.6     | 1.65  | 90        | 19.2945 | 28.0186 |
| 2009 | 6     | 21  | 0    | 52     | 17     | 0.3       | 2.6     | 1.65  | 90        | 19.3203 | 28.0005 |
| 2009 | 6     | 21  | 1    | 2      | 17     | 0.3       | 2.6     | 1.64  | 89.2      | 19.3203 | 27.9441 |
| 2009 | 6     | 21  | 1    | 12     | 17     | 0.3       | 2.6     | 1.64  | 88.7      | 19.3203 | 27.8312 |
| 2009 | 6     | 21  | 1    | 22     | 17     | 0.3       | 2.6     | 1.66  | 90.3      | 19.3203 | 28.2263 |
| 2009 | 6     | 21  | 1    | 32     | 17     | 0.3       | 2.6     | 1.66  | 88.9      | 19.3461 | 28.2083 |
| 2009 | 6     | 21  | 1    | 42     | 17     | 0.3       | 2.6     | 1.65  | 88.4      | 19.3461 | 28.0953 |
| 2009 | 6     | 21  | 1    | 52     | 17     | 0.3       | 2.6     | 1.61  | 87.3      | 19.3719 | 27.398  |
| 2009 | 6     | 21  | 2    | 2      | 17     | 0.3       | 2.6     | 1.66  | 90.8      | 19.3461 | 28.2649 |
| 2009 | 6     | 21  | 2    | 12     | 17     | 0.3       | 2.6     | 1.62  | 89.1      | 19.3977 | 27.662  |
| 2009 | 6     | 21  | 2    | 22     | 17     | 0.3       | 2.6     | 1.65  | 91.4      | 19.3719 | 28.077  |
| 2009 | 6     | 21  | 2    | 32     | 17     | 0.3       | 2.6     | 1.61  | 88.4      | 19.3977 | 27.5486 |
| 2009 | 6     | 21  | 2    | 42     | 17     | 0.3       | 2.6     | 1.7   | 90.1      | 19.4235 | 29.0618 |
| 2009 | 6     | 21  | 2    | 52     | 17     | 0.3       | 2.6     | 1.64  | 89        | 19.4235 | 27.9833 |
| 2009 | 6     | 21  | 3    | 2      | 17     | 0.3       | 2.6     | 1.61  | 89.7      | 19.4235 | 27.5862 |
| 2009 | 6     | 21  | 3    | 12     | 17     | 0.3       | 2.6     | 1.61  | 89.1      | 19.4493 | 27.5101 |
| 2009 | 6     | 21  | 3    | 22     | 17     | 0.3       | 2.6     | 1.68  | 91.3      | 19.4493 | 28.8171 |
| 2009 | 6     | 21  | 3    | 32     | 17     | 0.3       | 2.6     | 1.63  | 89.3      | 19.4493 | 27.8509 |
| 2009 | 6     | 21  | 3    | 42     | 17     | 0.3       | 2.6     | 1.59  | 89.4      | 19.4493 | 27.1692 |
| 2009 | 6     | 21  | 3    | 52     | 17     | 0.3       | 2.6     | 1.64  | 89.7      | 19.4493 | 28.0782 |
| 2009 | 6     | 21  | 4    | 2      | 17     | 0.3       | 2.6     | 1.65  | 89.3      | 19.4493 | 28.1919 |
| 2009 | 6     | 21  | 4    | 12     | 17     | 0.3       | 2.6     | 1.69  | 89.7      | 19.4752 | 28.9701 |
| 2009 | 6     | 21  | 4    | 22     | 17     | 0.3       | 2.6     | 1.67  | 91.1      | 19.4752 | 28.5716 |
| 2009 | 6     | 21  | 4    | 32     | 17     | 0.3       | 2.6     | 1.67  | 89.4      | 19.4752 | 28.6285 |
| 2009 | 6     | 21  | 4    | 42     | 17     | 0.3       | 2.6     | 1.62  | 89.2      | 19.4752 | 27.8319 |
| 2009 | 6     | 21  | 4    | 52     | 17     | 0.3       | 2.6     | 1.6   | 88.7      | 19.4752 | 27.3768 |
| 2009 | 6     | 21  | 5    | 2      | 17     | 0.3       | 2.6     | 1.61  | 89.7      | 19.4752 | 27.6612 |
| 2009 | 6     | 21  | 5    | 12     | 17     | 0.3       | 2.6     | 1.67  | 89.7      | 19.4752 | 28.6855 |
| 2009 | 6     | 21  | 5    | 22     | 17     | 0.3       | 2.6     | 1.62  | 89.5      | 19.4752 | 27.8319 |
| 2009 | 6     | 21  | 5    | 32     | 17     | 0.3       | 2.6     | 1.66  | 91.2      | 19.4752 | 28.4009 |
| 2009 | 6     | 21  | 5    | 42     | 17     | 0.3       | 2.6     | 1.67  | 89        | 19.501  | 28.6674 |
| 2009 | 6     | 21  | 5    | 52     | 17     | 0.3       | 2.6     | 1.63  | 89.8      | 19.501  | 27.9266 |
| 2009 | 6     | 21  | 6    | 2      | 17     | 0.3       | 2.6     | 1.63  | 90        | 19.501  | 27.9266 |
| 2009 | 6     | 21  | 6    | 12     | 17     | 0.3       | 2.6     | 1.63  | 89.1      | 19.501  | 27.9836 |
| 2009 | 6     | 21  | 6    | 22     | 17     | 0.3       | 2.6     | 1.66  | 88.6      | 19.501  | 28.5534 |
| 2009 | 6     | 21  | 6    | 32     | 17     | 0.3       | 2.6     | 1.61  | 89.3      | 19.501  | 27.6987 |
| 2009 | 6     | 21  | 6    | 42     | 17     | 0.3       | 2.6     | 1.64  | 89.7      | 19.5268 | 28.1356 |
| 2009 | 6     | 21  | 6    | 52     | 17     | 0.3       | 2.6     | 1.64  | 88.9      | 19.5268 | 28.1927 |
| 2009 | 6     | 21  | 7    | 2      | 17     | 0.3       | 2.6     | 1.67  | 90.8      | 19.5268 | 28.7062 |
| 2009 | 6     | 21  | 7    | 12     | 17     | 0.3       | 2.6     | 1.6   | 90.2      | 19.5268 | 27.5651 |
| 2009 | 6     | 21  | 7    | 22     | 17     | 0.3       | 2.6     | 1.64  | 90.5      | 19.5268 | 28.1927 |
| 2009 | 6     | 21  | 7    | 32     | 17     | 0.3       | 2.6     | 1.65  | 88.1      | 19.5268 | 28.4209 |
| 2009 | 6     | 21  | 7    | 42     | 17     | 0.3       | 2.6     | 1.66  | 90        | 19.5527 | 28.5165 |
| 2009 | 6     | 21  | 7    | 52     | 17     | 0.3       | 2.6     | 1.66  | 89.3      | 19.5527 | 28.5165 |
| 2009 | 6     | 21  | 8    | 2      | 17     | 0.3       | 2.6     | 1.63  | 89.4      | 19.5785 | 28.1546 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 21  | 8    | 12     | 17     | 0.3       | 2.6     | 1.62  | 90.5      | 19.6044 | 27.9635 |
| 2009 | 6     | 21  | 8    | 22     | 17     | 0.3       | 2.6     | 1.67  | 90        | 19.6044 | 28.8801 |
| 2009 | 6     | 21  | 8    | 32     | 17     | 0.3       | 2.6     | 1.67  | 89.4      | 19.6302 | 28.8044 |
| 2009 | 6     | 21  | 8    | 42     | 17     | 0.3       | 2.6     | 1.67  | 89.3      | 19.6302 | 28.9191 |
| 2009 | 6     | 21  | 8    | 52     | 17     | 0.3       | 2.6     | 1.58  | 88.3      | 19.6302 | 27.313  |
| 2009 | 6     | 21  | 9    | 2      | 17     | 0.3       | 2.6     | 1.62  | 90.8      | 19.6561 | 28.039  |
| 2009 | 6     | 21  | 9    | 12     | 17     | 0.3       | 2.6     | 1.62  | 88.7      | 19.6561 | 28.039  |
| 2009 | 6     | 21  | 9    | 22     | 17     | 0.3       | 2.6     | 1.68  | 89.9      | 19.6561 | 29.0155 |
| 2009 | 6     | 21  | 9    | 32     | 17     | 0.3       | 2.6     | 1.63  | 89.5      | 19.6819 | 28.2492 |
| 2009 | 6     | 21  | 9    | 42     | 17     | 0.3       | 2.6     | 1.65  | 89.4      | 19.6819 | 28.5944 |
| 2009 | 6     | 21  | 9    | 52     | 17     | 0.3       | 2.6     | 1.64  | 89        | 19.6819 | 28.4218 |
| 2009 | 6     | 21  | 10   | 2      | 17     | 0.3       | 2.6     | 1.69  | 89.6      | 19.6819 | 29.3423 |
| 2009 | 6     | 21  | 10   | 12     | 17     | 0.3       | 2.6     | 1.64  | 89.7      | 19.7078 | 28.4024 |
| 2009 | 6     | 21  | 10   | 22     | 17     | 0.3       | 2.6     | 1.68  | 89.1      | 19.6819 | 29.0546 |
| 2009 | 6     | 21  | 10   | 32     | 17     | 0.3       | 2.6     | 1.66  | 89.7      | 19.7078 | 28.748  |
| 2009 | 6     | 21  | 10   | 42     | 17     | 0.3       | 2.6     | 1.59  | 89.4      | 19.7078 | 27.6538 |
| 2009 | 6     | 21  | 10   | 52     | 17     | 0.3       | 2.6     | 1.6   | 88.8      | 19.7078 | 27.7689 |
| 2009 | 6     | 21  | 11   | 2      | 17     | 0.3       | 2.6     | 1.67  | 89.3      | 19.7336 | 29.075  |
| 2009 | 6     | 21  | 11   | 12     | 17     | 0.3       | 2.6     | 1.66  | 90.5      | 19.7336 | 28.8443 |
| 2009 | 6     | 21  | 11   | 22     | 17     | 0.3       | 2.6     | 1.67  | 90        | 19.7336 | 28.9596 |
| 2009 | 6     | 21  | 11   | 32     | 17     | 0.3       | 2.6     | 1.64  | 91.1      | 19.7336 | 28.4982 |
| 2009 | 6     | 21  | 11   | 42     | 17     | 0.3       | 2.6     | 1.63  | 90.5      | 19.7336 | 28.3829 |
| 2009 | 6     | 21  | 11   | 52     | 17     | 0.3       | 2.6     | 1.64  | 90.5      | 19.7336 | 28.5559 |
| 2009 | 6     | 21  | 12   | 2      | 17     | 0.3       | 2.6     | 1.62  | 87.4      | 19.7336 | 28.0369 |
| 2009 | 6     | 21  | 12   | 12     | 17     | 0.3       | 2.6     | 1.66  | 90.2      | 19.7336 | 28.8443 |
| 2009 | 6     | 21  | 12   | 22     | 17     | 0.3       | 2.6     | 1.64  | 89        | 19.7595 | 28.5942 |
| 2009 | 6     | 21  | 12   | 32     | 17     | 0.3       | 2.6     | 1.63  | 88.7      | 19.7336 | 28.3829 |
| 2009 | 6     | 21  | 12   | 42     | 17     | 0.3       | 2.6     | 1.62  | 89.3      | 19.7595 | 28.1322 |
| 2009 | 6     | 21  | 12   | 52     | 17     | 0.3       | 2.6     | 1.66  | 88.8      | 19.7595 | 28.8252 |
| 2009 | 6     | 21  | 13   | 2      | 17     | 0.3       | 2.6     | 1.64  | 90.1      | 19.7595 | 28.4787 |
| 2009 | 6     | 21  | 13   | 12     | 17     | 0.3       | 2.6     | 1.67  | 90        | 19.7595 | 29.0563 |
| 2009 | 6     | 21  | 13   | 22     | 17     | 0.3       | 2.6     | 1.62  | 89.2      | 19.7595 | 28.2477 |
| 2009 | 6     | 21  | 13   | 32     | 17     | 0.3       | 2.6     | 1.6   | 87.9      | 19.7595 | 27.7858 |
| 2009 | 6     | 21  | 13   | 42     | 17     | 0.3       | 2.6     | 1.6   | 88.6      | 19.7595 | 27.9013 |
| 2009 | 6     | 21  | 13   | 52     | 17     | 0.3       | 2.6     | 1.66  | 88.4      | 19.7595 | 28.883  |
| 2009 | 6     | 21  | 14   | 2      | 17     | 0.3       | 2.6     | 1.66  | 89.2      | 19.7595 | 28.883  |
| 2009 | 6     | 21  | 14   | 12     | 17     | 0.3       | 2.6     | 1.58  | 87.6      | 19.7854 | 27.534  |
| 2009 | 6     | 21  | 14   | 22     | 17     | 0.3       | 2.6     | 1.67  | 89.3      | 19.7854 | 29.0373 |
| 2009 | 6     | 21  | 14   | 32     | 17     | 0.3       | 2.6     | 1.66  | 88.4      | 19.7854 | 28.8638 |
| 2009 | 6     | 21  | 14   | 42     | 17     | 0.3       | 2.6     | 1.67  | 89.4      | 19.7854 | 29.153  |
| 2009 | 6     | 21  | 14   | 52     | 17     | 0.3       | 2.6     | 1.66  | 89.7      | 19.7854 | 28.8638 |
| 2009 | 6     | 21  | 15   | 2      | 17     | 0.3       | 2.6     | 1.58  | 89.2      | 19.7854 | 27.534  |
| 2009 | 6     | 21  | 15   | 12     | 17     | 0.3       | 2.6     | 1.64  | 89.7      | 19.7854 | 28.5747 |
| 2009 | 6     | 21  | 15   | 22     | 17     | 0.3       | 2.6     | 1.63  | 88.4      | 19.7854 | 28.3434 |
| 2009 | 6     | 21  | 15   | 32     | 17     | 0.3       | 2.6     | 1.69  | 88.9      | 19.7854 | 29.5001 |
| 2009 | 6     | 21  | 15   | 42     | 17     | 0.3       | 2.6     | 1.58  | 87.7      | 19.8113 | 27.4551 |
| 2009 | 6     | 21  | 15   | 52     | 17     | 0.3       | 2.6     | 1.61  | 89.1      | 19.8113 | 28.0918 |
| 2009 | 6     | 21  | 16   | 2      | 17     | 0.3       | 2.6     | 1.67  | 89.1      | 19.8113 | 29.1341 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 21  | 16   | 12     | 17     | 0.3       | 2.6     | 1.65  | 90        | 19.8113 | 28.8445 |
| 2009 | 6     | 21  | 16   | 22     | 17     | 0.3       | 2.6     | 1.66  | 90        | 19.8113 | 29.0183 |
| 2009 | 6     | 21  | 16   | 32     | 17     | 0.3       | 2.6     | 1.66  | 89.3      | 19.8113 | 29.0183 |
| 2009 | 6     | 21  | 16   | 42     | 17     | 0.3       | 2.6     | 1.7   | 89.7      | 19.8113 | 29.5975 |
| 2009 | 6     | 21  | 16   | 52     | 17     | 0.3       | 2.6     | 1.63  | 89.2      | 19.8113 | 28.4392 |
| 2009 | 6     | 21  | 17   | 2      | 17     | 0.3       | 2.6     | 1.64  | 88.9      | 19.8113 | 28.6708 |
| 2009 | 6     | 21  | 17   | 12     | 17     | 0.3       | 2.6     | 1.59  | 89.2      | 19.8113 | 27.7445 |
| 2009 | 6     | 21  | 17   | 22     | 17     | 0.3       | 2.6     | 1.65  | 89.5      | 19.8113 | 28.7287 |
| 2009 | 6     | 21  | 17   | 32     | 17     | 0.3       | 2.6     | 1.64  | 88.3      | 19.8113 | 28.555  |
| 2009 | 6     | 21  | 17   | 42     | 17     | 0.3       | 2.6     | 1.65  | 90.7      | 19.8371 | 28.8251 |
| 2009 | 6     | 21  | 17   | 52     | 17     | 0.3       | 2.6     | 1.69  | 89        | 19.8371 | 29.463  |
| 2009 | 6     | 21  | 18   | 2      | 17     | 0.3       | 2.6     | 1.62  | 88.5      | 19.8371 | 28.3613 |
| 2009 | 6     | 21  | 18   | 12     | 17     | 0.3       | 2.6     | 1.63  | 88        | 19.8371 | 28.4772 |
| 2009 | 6     | 21  | 18   | 22     | 17     | 0.3       | 2.6     | 1.66  | 89.7      | 19.8371 | 29.0571 |
| 2009 | 6     | 21  | 18   | 32     | 17     | 0.3       | 2.6     | 1.62  | 88.5      | 19.8371 | 28.3613 |
| 2009 | 6     | 21  | 18   | 42     | 17     | 0.3       | 2.6     | 1.64  | 89.3      | 19.8371 | 28.5932 |
| 2009 | 6     | 21  | 18   | 52     | 17     | 0.3       | 2.6     | 1.64  | 89.2      | 19.8371 | 28.5932 |
| 2009 | 6     | 21  | 19   | 2      | 17     | 0.3       | 2.6     | 1.58  | 87        | 19.8371 | 27.6077 |
| 2009 | 6     | 21  | 19   | 12     | 17     | 0.3       | 2.6     | 1.63  | 89.8      | 19.8371 | 28.4772 |
| 2009 | 6     | 21  | 19   | 22     | 17     | 0.3       | 2.6     | 1.7   | 88.9      | 19.8371 | 29.6951 |
| 2009 | 6     | 21  | 19   | 32     | 17     | 0.3       | 2.6     | 1.68  | 88.7      | 19.863  | 29.4443 |
| 2009 | 6     | 21  | 19   | 42     | 17     | 0.3       | 2.6     | 1.61  | 88.5      | 19.863  | 28.225  |
| 2009 | 6     | 21  | 19   | 52     | 17     | 0.3       | 2.6     | 1.59  | 88.7      | 19.863  | 27.7606 |
| 2009 | 6     | 21  | 20   | 2      | 17     | 0.3       | 2.6     | 1.63  | 89.8      | 19.863  | 28.5733 |
| 2009 | 6     | 21  | 20   | 12     | 17     | 0.3       | 2.6     | 1.6   | 89.2      | 19.863  | 27.9347 |
| 2009 | 6     | 21  | 20   | 22     | 17     | 0.3       | 2.6     | 1.65  | 88.6      | 19.863  | 28.8055 |
| 2009 | 6     | 21  | 20   | 32     | 17     | 0.3       | 2.6     | 1.67  | 89.8      | 19.863  | 29.1539 |
| 2009 | 6     | 21  | 20   | 42     | 17     | 0.3       | 2.6     | 1.6   | 89.3      | 19.863  | 27.9347 |
| 2009 | 6     | 21  | 20   | 52     | 17     | 0.3       | 2.6     | 1.66  | 90.1      | 19.863  | 29.0958 |
| 2009 | 6     | 21  | 21   | 2      | 17     | 0.3       | 2.6     | 1.65  | 90.6      | 19.863  | 28.8055 |
| 2009 | 6     | 21  | 21   | 12     | 17     | 0.3       | 2.6     | 1.65  | 88.3      | 19.863  | 28.8055 |
| 2009 | 6     | 21  | 21   | 22     | 17     | 0.3       | 2.6     | 1.65  | 88.7      | 19.863  | 28.8636 |
| 2009 | 6     | 21  | 21   | 32     | 17     | 0.3       | 2.6     | 1.66  | 90        | 19.863  | 28.9797 |
| 2009 | 6     | 21  | 21   | 42     | 17     | 0.3       | 2.6     | 1.65  | 89.2      | 19.863  | 28.8055 |
| 2009 | 6     | 21  | 21   | 52     | 17     | 0.3       | 2.6     | 1.62  | 88.8      | 19.8889 | 28.437  |
| 2009 | 6     | 21  | 22   | 2      | 17     | 0.3       | 2.6     | 1.6   | 89.6      | 19.863  | 27.9928 |
| 2009 | 6     | 21  | 22   | 12     | 17     | 0.3       | 2.6     | 1.69  | 90.3      | 19.8889 | 29.5999 |
| 2009 | 6     | 21  | 22   | 22     | 17     | 0.3       | 2.6     | 1.66  | 90.8      | 19.863  | 29.0378 |
| 2009 | 6     | 21  | 22   | 32     | 17     | 0.3       | 2.6     | 1.64  | 89.7      | 19.863  | 28.7475 |
| 2009 | 6     | 21  | 22   | 42     | 17     | 0.3       | 2.6     | 1.58  | 89.3      | 19.863  | 27.6445 |
| 2009 | 6     | 21  | 22   | 52     | 17     | 0.3       | 2.6     | 1.62  | 90        | 19.8889 | 28.437  |
| 2009 | 6     | 21  | 23   | 2      | 17     | 0.3       | 2.6     | 1.68  | 89        | 19.863  | 29.4443 |
| 2009 | 6     | 21  | 23   | 12     | 17     | 0.3       | 2.6     | 1.67  | 90        | 19.8889 | 29.251  |
| 2009 | 6     | 21  | 23   | 22     | 17     | 0.3       | 2.6     | 1.64  | 89.5      | 19.8889 | 28.7858 |
| 2009 | 6     | 21  | 23   | 32     | 17     | 0.3       | 2.6     | 1.67  | 90        | 19.863  | 29.1539 |
| 2009 | 6     | 21  | 23   | 42     | 17     | 0.3       | 2.6     | 1.64  | 88.9      | 19.863  | 28.6313 |
| 2009 | 6     | 21  | 23   | 52     | 17     | 0.3       | 2.6     | 1.67  | 89.2      | 19.863  | 29.1539 |
| 2009 | 6     | 22  | 0    | 2      | 17     | 0.3       | 2.6     | 1.66  | 89.4      | 19.863  | 29.0378 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 22  | 0    | 12     | 17     | 0.3       | 2.6     | 1.68  | 87.6      | 19.863  | 29.3281 |
| 2009 | 6     | 22  | 0    | 22     | 17     | 0.3       | 2.6     | 1.62  | 90.7      | 19.863  | 28.283  |
| 2009 | 6     | 22  | 0    | 32     | 17     | 0.3       | 2.6     | 1.61  | 88.5      | 19.863  | 28.225  |
| 2009 | 6     | 22  | 0    | 42     | 17     | 0.3       | 2.6     | 1.68  | 89.3      | 19.863  | 29.3281 |
| 2009 | 6     | 22  | 0    | 52     | 17     | 0.3       | 2.6     | 1.65  | 88.6      | 19.863  | 28.8055 |
| 2009 | 6     | 22  | 1    | 2      | 17     | 0.3       | 2.6     | 1.64  | 89.3      | 19.863  | 28.7475 |
| 2009 | 6     | 22  | 1    | 12     | 17     | 0.3       | 2.6     | 1.64  | 89        | 19.863  | 28.7475 |
| 2009 | 6     | 22  | 1    | 22     | 17     | 0.3       | 2.6     | 1.62  | 87.7      | 19.863  | 28.283  |
| 2009 | 6     | 22  | 1    | 32     | 17     | 0.3       | 2.6     | 1.61  | 90.1      | 19.863  | 28.1669 |
| 2009 | 6     | 22  | 1    | 42     | 17     | 0.3       | 2.6     | 1.67  | 88.9      | 19.863  | 29.1539 |
| 2009 | 6     | 22  | 1    | 52     | 17     | 0.3       | 2.6     | 1.61  | 88.8      | 19.863  | 28.225  |
| 2009 | 6     | 22  | 2    | 2      | 17     | 0.3       | 2.6     | 1.63  | 89.4      | 19.863  | 28.4572 |
| 2009 | 6     | 22  | 2    | 12     | 17     | 0.3       | 2.6     | 1.62  | 90.5      | 19.863  | 28.3411 |
| 2009 | 6     | 22  | 2    | 22     | 17     | 0.3       | 2.6     | 1.67  | 89.9      | 19.863  | 29.2701 |
| 2009 | 6     | 22  | 2    | 32     | 17     | 0.3       | 2.6     | 1.65  | 89.4      | 19.8371 | 28.7671 |
| 2009 | 6     | 22  | 2    | 42     | 17     | 0.3       | 2.6     | 1.61  | 88        | 19.8371 | 28.1294 |
| 2009 | 6     | 22  | 2    | 52     | 17     | 0.3       | 2.6     | 1.6   | 88.9      | 19.8371 | 27.9555 |
| 2009 | 6     | 22  | 3    | 2      | 17     | 0.3       | 2.6     | 1.68  | 90.4      | 19.8371 | 29.405  |
| 2009 | 6     | 22  | 3    | 12     | 17     | 0.3       | 2.6     | 1.7   | 89.3      | 19.8371 | 29.637  |
| 2009 | 6     | 22  | 3    | 22     | 17     | 0.3       | 2.6     | 1.6   | 88.9      | 19.8371 | 28.0134 |
| 2009 | 6     | 22  | 3    | 32     | 17     | 0.3       | 2.6     | 1.63  | 89.2      | 19.8371 | 28.5352 |
| 2009 | 6     | 22  | 3    | 42     | 17     | 0.3       | 2.6     | 1.61  | 88.7      | 19.8371 | 28.0714 |
| 2009 | 6     | 22  | 3    | 52     | 17     | 0.3       | 2.6     | 1.6   | 86.9      | 19.8371 | 27.8975 |
| 2009 | 6     | 22  | 4    | 2      | 17     | 0.3       | 2.6     | 1.61  | 88.5      | 19.8371 | 28.0714 |
| 2009 | 6     | 22  | 4    | 12     | 17     | 0.3       | 2.6     | 1.6   | 89.6      | 19.8371 | 27.9555 |
| 2009 | 6     | 22  | 4    | 22     | 17     | 0.3       | 2.6     | 1.64  | 89.5      | 19.8371 | 28.6512 |
| 2009 | 6     | 22  | 4    | 32     | 17     | 0.3       | 2.6     | 1.64  | 90.9      | 19.8371 | 28.6512 |
| 2009 | 6     | 22  | 4    | 42     | 17     | 0.3       | 2.6     | 1.65  | 89.5      | 19.8371 | 28.8251 |
| 2009 | 6     | 22  | 4    | 52     | 17     | 0.3       | 2.6     | 1.61  | 88        | 19.8371 | 28.0714 |
| 2009 | 6     | 22  | 5    | 2      | 17     | 0.3       | 2.6     | 1.63  | 89.2      | 19.8371 | 28.4772 |
| 2009 | 6     | 22  | 5    | 12     | 17     | 0.3       | 2.6     | 1.66  | 90.8      | 19.8371 | 28.9991 |
| 2009 | 6     | 22  | 5    | 22     | 17     | 0.3       | 2.6     | 1.6   | 90.1      | 19.8371 | 28.0134 |
| 2009 | 6     | 22  | 5    | 32     | 17     | 0.3       | 2.6     | 1.66  | 90.6      | 19.8371 | 28.9411 |
| 2009 | 6     | 22  | 5    | 42     | 17     | 0.3       | 2.6     | 1.65  | 88.5      | 19.8371 | 28.8831 |
| 2009 | 6     | 22  | 5    | 52     | 17     | 0.3       | 2.6     | 1.59  | 89.2      | 19.8371 | 27.7816 |
| 2009 | 6     | 22  | 6    | 2      | 17     | 0.3       | 2.6     | 1.66  | 89        | 19.8371 | 28.9991 |
| 2009 | 6     | 22  | 6    | 12     | 17     | 0.3       | 2.6     | 1.67  | 89.8      | 19.8371 | 29.173  |
| 2009 | 6     | 22  | 6    | 22     | 17     | 0.3       | 2.6     | 1.6   | 89.6      | 19.8371 | 27.8975 |
| 2009 | 6     | 22  | 6    | 32     | 17     | 0.3       | 2.6     | 1.59  | 87.8      | 19.8371 | 27.7236 |
| 2009 | 6     | 22  | 6    | 42     | 17     | 0.3       | 2.6     | 1.63  | 89.5      | 19.8371 | 28.4192 |
| 2009 | 6     | 22  | 6    | 52     | 17     | 0.3       | 2.6     | 1.61  | 89.1      | 19.8371 | 28.1873 |
| 2009 | 6     | 22  | 7    | 2      | 17     | 0.3       | 2.6     | 1.67  | 91.1      | 19.8371 | 29.173  |
| 2009 | 6     | 22  | 7    | 12     | 17     | 0.3       | 2.6     | 1.64  | 88.9      | 19.8371 | 28.7091 |
| 2009 | 6     | 22  | 7    | 22     | 17     | 0.3       | 2.6     | 1.64  | 89.4      | 19.8113 | 28.6708 |
| 2009 | 6     | 22  | 7    | 32     | 17     | 0.3       | 2.6     | 1.64  | 88.1      | 19.8371 | 28.6512 |
| 2009 | 6     | 22  | 7    | 42     | 17     | 0.3       | 2.6     | 1.66  | 89.4      | 19.8371 | 29.0571 |
| 2009 | 6     | 22  | 7    | 52     | 17     | 0.3       | 2.6     | 1.64  | 90.2      | 19.8371 | 28.6512 |
| 2009 | 6     | 22  | 8    | 2      | 17     | 0.3       | 2.6     | 1.6   | 88        | 19.8371 | 27.9555 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 22  | 8    | 12     | 17     | 0.3       | 2.6     | 1.67  | 89.3      | 19.8113 | 29.1341 |
| 2009 | 6     | 22  | 8    | 22     | 17     | 0.3       | 2.6     | 1.63  | 88.4      | 19.8113 | 28.3813 |
| 2009 | 6     | 22  | 8    | 32     | 17     | 0.3       | 2.6     | 1.61  | 90.8      | 19.8113 | 28.0918 |
| 2009 | 6     | 22  | 8    | 42     | 17     | 0.3       | 2.6     | 1.62  | 88        | 19.8113 | 28.2655 |
| 2009 | 6     | 22  | 8    | 52     | 17     | 0.3       | 2.6     | 1.64  | 90.9      | 19.8113 | 28.555  |
| 2009 | 6     | 22  | 9    | 2      | 17     | 0.3       | 2.6     | 1.59  | 88.3      | 19.8113 | 27.7445 |
| 2009 | 6     | 22  | 9    | 12     | 17     | 0.3       | 2.6     | 1.65  | 89.4      | 19.8113 | 28.8445 |
| 2009 | 6     | 22  | 9    | 22     | 17     | 0.3       | 2.6     | 1.69  | 89.9      | 19.8113 | 29.4237 |
| 2009 | 6     | 22  | 9    | 32     | 17     | 0.3       | 2.6     | 1.6   | 89.2      | 19.8113 | 27.8603 |
| 2009 | 6     | 22  | 9    | 42     | 17     | 0.3       | 2.6     | 1.62  | 89.2      | 19.8113 | 28.2076 |
| 2009 | 6     | 22  | 9    | 52     | 17     | 0.3       | 2.6     | 1.65  | 90.5      | 19.8113 | 28.7866 |
| 2009 | 6     | 22  | 10   | 2      | 17     | 0.3       | 2.6     | 1.6   | 90        | 19.8113 | 27.9181 |
| 2009 | 6     | 22  | 10   | 12     | 17     | 0.3       | 2.6     | 1.64  | 90.3      | 19.8113 | 28.555  |
| 2009 | 6     | 22  | 10   | 22     | 17     | 0.3       | 2.6     | 1.64  | 90        | 19.8113 | 28.555  |
| 2009 | 6     | 22  | 10   | 32     | 17     | 0.3       | 2.6     | 1.62  | 89.9      | 19.8113 | 28.3234 |
| 2009 | 6     | 22  | 10   | 42     | 17     | 0.3       | 2.6     | 1.63  | 90.2      | 19.8113 | 28.4971 |
| 2009 | 6     | 22  | 10   | 52     | 17     | 0.3       | 2.6     | 1.63  | 90        | 19.7854 | 28.459  |
| 2009 | 6     | 22  | 11   | 2      | 17     | 0.3       | 2.6     | 1.6   | 89.6      | 19.7854 | 27.823  |
| 2009 | 6     | 22  | 11   | 12     | 17     | 0.3       | 2.6     | 1.66  | 89.2      | 19.7854 | 28.8638 |
| 2009 | 6     | 22  | 11   | 22     | 17     | 0.3       | 2.6     | 1.57  | 89.4      | 19.7854 | 27.245  |
| 2009 | 6     | 22  | 11   | 32     | 17     | 0.3       | 2.6     | 1.65  | 89.2      | 19.7854 | 28.6903 |
| 2009 | 6     | 22  | 11   | 42     | 17     | 0.3       | 2.6     | 1.61  | 88.7      | 19.7854 | 28.0543 |
| 2009 | 6     | 22  | 11   | 52     | 17     | 0.3       | 2.6     | 1.6   | 90        | 19.7854 | 27.8808 |
| 2009 | 6     | 22  | 12   | 2      | 17     | 0.3       | 2.6     | 1.61  | 88.8      | 19.7854 | 28.0543 |
| 2009 | 6     | 22  | 12   | 12     | 17     | 0.3       | 2.6     | 1.67  | 89.2      | 19.7854 | 29.0952 |
| 2009 | 6     | 22  | 12   | 22     | 17     | 0.3       | 2.6     | 1.62  | 88.7      | 19.7854 | 28.1699 |
| 2009 | 6     | 22  | 12   | 32     | 17     | 0.3       | 2.6     | 1.62  | 89.7      | 19.7854 | 28.2277 |
| 2009 | 6     | 22  | 12   | 42     | 17     | 0.3       | 2.6     | 1.62  | 88.8      | 19.7854 | 28.1699 |
| 2009 | 6     | 22  | 12   | 52     | 17     | 0.3       | 2.6     | 1.6   | 89.2      | 19.7854 | 27.823  |
| 2009 | 6     | 22  | 13   | 2      | 17     | 0.3       | 2.6     | 1.67  | 90.8      | 19.7854 | 29.0952 |
| 2009 | 6     | 22  | 13   | 12     | 17     | 0.3       | 2.6     | 1.66  | 89.7      | 19.7854 | 28.9217 |
| 2009 | 6     | 22  | 13   | 22     | 17     | 0.3       | 2.6     | 1.61  | 89.6      | 19.7854 | 27.9965 |
| 2009 | 6     | 22  | 13   | 32     | 17     | 0.3       | 2.6     | 1.61  | 90.8      | 19.8113 | 28.0918 |
| 2009 | 6     | 22  | 13   | 42     | 17     | 0.3       | 2.6     | 1.66  | 89.2      | 19.7854 | 28.8638 |
| 2009 | 6     | 22  | 13   | 52     | 17     | 0.3       | 2.6     | 1.62  | 89.4      | 19.7854 | 28.1699 |
| 2009 | 6     | 22  | 14   | 2      | 17     | 0.3       | 2.6     | 1.66  | 90.5      | 19.7854 | 28.9795 |
| 2009 | 6     | 22  | 14   | 12     | 17     | 0.3       | 2.6     | 1.71  | 90.1      | 19.7854 | 29.7894 |
| 2009 | 6     | 22  | 14   | 22     | 17     | 0.3       | 2.6     | 1.68  | 90.2      | 19.7854 | 29.2109 |
| 2009 | 6     | 22  | 14   | 32     | 17     | 0.3       | 2.6     | 1.64  | 90.2      | 19.7854 | 28.5747 |
| 2009 | 6     | 22  | 14   | 42     | 17     | 0.3       | 2.6     | 1.63  | 89.7      | 19.8113 | 28.3813 |
| 2009 | 6     | 22  | 14   | 52     | 17     | 0.3       | 2.6     | 1.65  | 90.7      | 19.7854 | 28.6903 |
| 2009 | 6     | 22  | 15   | 2      | 17     | 0.3       | 2.6     | 1.62  | 89        | 19.8113 | 28.2076 |
| 2009 | 6     | 22  | 15   | 12     | 17     | 0.3       | 2.6     | 1.66  | 90.2      | 19.8113 | 28.9604 |
| 2009 | 6     | 22  | 15   | 22     | 17     | 0.3       | 2.6     | 1.64  | 90.6      | 19.8113 | 28.6708 |
| 2009 | 6     | 22  | 15   | 32     | 17     | 0.3       | 2.6     | 1.64  | 89.7      | 19.8113 | 28.6129 |
| 2009 | 6     | 22  | 15   | 42     | 17     | 0.3       | 2.6     | 1.66  | 89.3      | 19.8113 | 29.0183 |
| 2009 | 6     | 22  | 15   | 52     | 17     | 0.3       | 2.6     | 1.67  | 90.9      | 19.8113 | 29.1341 |
| 2009 | 6     | 22  | 16   | 2      | 17     | 0.3       | 2.6     | 1.66  | 89.7      | 19.8113 | 28.9604 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 22  | 16   | 12     | 17     | 0.3       | 2.6     | 1.66  | 89.3      | 19.8113 | 29.0183 |
| 2009 | 6     | 22  | 16   | 22     | 17     | 0.3       | 2.6     | 1.6   | 89.4      | 19.8113 | 27.976  |
| 2009 | 6     | 22  | 16   | 32     | 17     | 0.3       | 2.6     | 1.64  | 89.2      | 19.8113 | 28.555  |
| 2009 | 6     | 22  | 16   | 42     | 17     | 0.3       | 2.6     | 1.65  | 90.2      | 19.8113 | 28.8445 |
| 2009 | 6     | 22  | 16   | 52     | 17     | 0.3       | 2.6     | 1.64  | 89.3      | 19.8113 | 28.6708 |
| 2009 | 6     | 22  | 17   | 2      | 17     | 0.3       | 2.6     | 1.63  | 89        | 19.8113 | 28.4392 |
| 2009 | 6     | 22  | 17   | 12     | 17     | 0.3       | 2.6     | 1.64  | 90.2      | 19.8113 | 28.555  |
| 2009 | 6     | 22  | 17   | 22     | 17     | 0.3       | 2.6     | 1.64  | 91        | 19.8113 | 28.6129 |
| 2009 | 6     | 22  | 17   | 32     | 17     | 0.3       | 2.6     | 1.7   | 90        | 19.8113 | 29.5975 |
| 2009 | 6     | 22  | 17   | 42     | 17     | 0.3       | 2.6     | 1.67  | 90.3      | 19.8113 | 29.192  |
| 2009 | 6     | 22  | 17   | 52     | 17     | 0.3       | 2.6     | 1.68  | 90        | 19.8113 | 29.3658 |
| 2009 | 6     | 22  | 18   | 2      | 17     | 0.3       | 2.6     | 1.63  | 90        | 19.8113 | 28.4392 |
| 2009 | 6     | 22  | 18   | 12     | 17     | 0.3       | 2.6     | 1.61  | 89        | 19.8113 | 28.1497 |
| 2009 | 6     | 22  | 18   | 22     | 17     | 0.3       | 2.6     | 1.64  | 89.8      | 19.8113 | 28.555  |
| 2009 | 6     | 22  | 18   | 32     | 17     | 0.3       | 2.6     | 1.62  | 89.7      | 19.8113 | 28.2655 |
| 2009 | 6     | 22  | 18   | 42     | 17     | 0.3       | 2.6     | 1.62  | 89.4      | 19.8371 | 28.3033 |
| 2009 | 6     | 22  | 18   | 52     | 17     | 0.3       | 2.6     | 1.62  | 88.5      | 19.8371 | 28.3033 |
| 2009 | 6     | 22  | 19   | 2      | 17     | 0.3       | 2.6     | 1.65  | 89        | 19.8371 | 28.7671 |
| 2009 | 6     | 22  | 19   | 12     | 17     | 0.3       | 2.6     | 1.66  | 90        | 19.8371 | 28.9411 |
| 2009 | 6     | 22  | 19   | 22     | 17     | 0.3       | 2.6     | 1.61  | 89.3      | 19.8371 | 28.1873 |
| 2009 | 6     | 22  | 19   | 32     | 17     | 0.3       | 2.6     | 1.68  | 90.3      | 19.8371 | 29.405  |
| 2009 | 6     | 22  | 19   | 42     | 17     | 0.3       | 2.6     | 1.64  | 89.1      | 19.8371 | 28.5932 |
| 2009 | 6     | 22  | 19   | 52     | 17     | 0.3       | 2.6     | 1.65  | 90        | 19.8371 | 28.8831 |
| 2009 | 6     | 22  | 20   | 2      | 17     | 0.3       | 2.6     | 1.65  | 90.1      | 19.8371 | 28.7671 |
| 2009 | 6     | 22  | 20   | 12     | 17     | 0.3       | 2.6     | 1.7   | 88.9      | 19.8371 | 29.7531 |
| 2009 | 6     | 22  | 20   | 22     | 17     | 0.3       | 2.6     | 1.65  | 90.2      | 19.8371 | 28.8831 |
| 2009 | 6     | 22  | 20   | 32     | 17     | 0.3       | 2.6     | 1.66  | 90.7      | 19.8371 | 28.9991 |
| 2009 | 6     | 22  | 20   | 42     | 17     | 0.3       | 2.6     | 1.62  | 90.8      | 19.8371 | 28.3033 |
| 2009 | 6     | 22  | 20   | 52     | 17     | 0.3       | 2.6     | 1.63  | 90.5      | 19.863  | 28.5733 |
| 2009 | 6     | 22  | 21   | 2      | 17     | 0.3       | 2.6     | 1.64  | 90.2      | 19.863  | 28.7475 |
| 2009 | 6     | 22  | 21   | 12     | 17     | 0.3       | 2.6     | 1.63  | 89.7      | 19.863  | 28.5152 |
| 2009 | 6     | 22  | 21   | 22     | 17     | 0.3       | 2.6     | 1.62  | 90        | 19.863  | 28.3991 |
| 2009 | 6     | 22  | 21   | 32     | 17     | 0.3       | 2.6     | 1.66  | 89.7      | 19.863  | 28.9797 |
| 2009 | 6     | 22  | 21   | 42     | 17     | 0.3       | 2.6     | 1.65  | 90.6      | 19.863  | 28.9217 |
| 2009 | 6     | 22  | 21   | 52     | 17     | 0.3       | 2.6     | 1.62  | 88.7      | 19.863  | 28.283  |
| 2009 | 6     | 22  | 22   | 2      | 17     | 0.3       | 2.6     | 1.7   | 91.1      | 19.863  | 29.6766 |
| 2009 | 6     | 22  | 22   | 12     | 17     | 0.3       | 2.6     | 1.61  | 88.5      | 19.863  | 28.1089 |
| 2009 | 6     | 22  | 22   | 22     | 17     | 0.3       | 2.6     | 1.64  | 90.5      | 19.863  | 28.6894 |
| 2009 | 6     | 22  | 22   | 32     | 17     | 0.3       | 2.6     | 1.66  | 90.8      | 19.863  | 29.0958 |
| 2009 | 6     | 22  | 22   | 42     | 17     | 0.3       | 2.6     | 1.65  | 89.2      | 19.863  | 28.9217 |
| 2009 | 6     | 22  | 22   | 52     | 17     | 0.3       | 2.6     | 1.59  | 88.5      | 19.863  | 27.8187 |
| 2009 | 6     | 22  | 23   | 2      | 17     | 0.3       | 2.6     | 1.65  | 90.3      | 19.863  | 28.8055 |
| 2009 | 6     | 22  | 23   | 12     | 17     | 0.3       | 2.6     | 1.65  | 90.8      | 19.8889 | 28.9602 |
| 2009 | 6     | 22  | 23   | 22     | 17     | 0.3       | 2.6     | 1.67  | 90.2      | 19.8889 | 29.251  |
| 2009 | 6     | 22  | 23   | 32     | 17     | 0.3       | 2.6     | 1.63  | 88.8      | 19.8889 | 28.4951 |
| 2009 | 6     | 22  | 23   | 42     | 17     | 0.3       | 2.6     | 1.68  | 88.4      | 19.8889 | 29.4836 |
| 2009 | 6     | 22  | 23   | 52     | 17     | 0.3       | 2.6     | 1.66  | 91        | 19.8889 | 29.0184 |
| 2009 | 6     | 23  | 0    | 2      | 17     | 0.3       | 2.6     | 1.66  | 90.6      | 19.8889 | 29.0765 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 23  | 0    | 12     | 17     | 0.3       | 2.6     | 1.62  | 89.1      | 19.8889 | 28.3207 |
| 2009 | 6     | 23  | 0    | 22     | 17     | 0.3       | 2.6     | 1.64  | 90.8      | 19.8889 | 28.6695 |
| 2009 | 6     | 23  | 0    | 32     | 17     | 0.3       | 2.6     | 1.59  | 88.7      | 19.9148 | 27.8347 |
| 2009 | 6     | 23  | 0    | 42     | 17     | 0.3       | 2.6     | 1.66  | 90.3      | 19.8889 | 29.0765 |
| 2009 | 6     | 23  | 0    | 52     | 17     | 0.3       | 2.6     | 1.66  | 89.9      | 19.8889 | 29.0765 |
| 2009 | 6     | 23  | 1    | 2      | 17     | 0.3       | 2.6     | 1.65  | 90.8      | 19.9148 | 28.8824 |
| 2009 | 6     | 23  | 1    | 12     | 17     | 0.3       | 2.6     | 1.67  | 90.3      | 19.9148 | 29.2317 |
| 2009 | 6     | 23  | 1    | 22     | 17     | 0.3       | 2.6     | 1.65  | 89.7      | 19.9148 | 28.8824 |
| 2009 | 6     | 23  | 1    | 32     | 17     | 0.3       | 2.6     | 1.66  | 88.5      | 19.9148 | 29.1735 |
| 2009 | 6     | 23  | 1    | 42     | 17     | 0.3       | 2.6     | 1.66  | 88.5      | 19.9148 | 29.1735 |
| 2009 | 6     | 23  | 1    | 52     | 17     | 0.3       | 2.6     | 1.65  | 91        | 19.9148 | 28.9406 |
| 2009 | 6     | 23  | 2    | 2      | 17     | 0.3       | 2.6     | 1.63  | 91        | 19.9407 | 28.6293 |
| 2009 | 6     | 23  | 2    | 12     | 17     | 0.3       | 2.6     | 1.65  | 89.5      | 19.9407 | 29.0374 |
| 2009 | 6     | 23  | 2    | 22     | 17     | 0.3       | 2.6     | 1.63  | 89.7      | 19.9407 | 28.5711 |
| 2009 | 6     | 23  | 2    | 32     | 17     | 0.3       | 2.6     | 1.64  | 90.6      | 19.9407 | 28.7459 |
| 2009 | 6     | 23  | 2    | 42     | 17     | 0.3       | 2.6     | 1.63  | 90        | 19.9407 | 28.6293 |
| 2009 | 6     | 23  | 2    | 52     | 17     | 0.3       | 2.6     | 1.65  | 90.1      | 19.9666 | 29.0176 |
| 2009 | 6     | 23  | 3    | 2      | 17     | 0.3       | 2.6     | 1.66  | 91        | 19.9666 | 29.1927 |
| 2009 | 6     | 23  | 3    | 12     | 17     | 0.3       | 2.6     | 1.61  | 87.8      | 19.9666 | 28.3172 |
| 2009 | 6     | 23  | 3    | 22     | 17     | 0.3       | 2.6     | 1.63  | 88.4      | 19.9925 | 28.7054 |
| 2009 | 6     | 23  | 3    | 32     | 17     | 0.3       | 2.6     | 1.63  | 90.1      | 19.9925 | 28.7639 |
| 2009 | 6     | 23  | 3    | 42     | 17     | 0.3       | 2.6     | 1.69  | 90.3      | 19.9925 | 29.7576 |
| 2009 | 6     | 23  | 3    | 52     | 17     | 0.3       | 2.6     | 1.65  | 90.1      | 19.9925 | 29.1146 |
| 2009 | 6     | 23  | 4    | 2      | 17     | 0.3       | 2.6     | 1.61  | 89.2      | 19.9925 | 28.4132 |
| 2009 | 6     | 23  | 4    | 12     | 17     | 0.3       | 2.6     | 1.66  | 88.4      | 19.9925 | 29.2315 |
| 2009 | 6     | 23  | 4    | 22     | 17     | 0.3       | 2.6     | 1.61  | 89.5      | 20.0184 | 28.4509 |
| 2009 | 6     | 23  | 4    | 32     | 17     | 0.3       | 2.6     | 1.65  | 90        | 20.0184 | 29.1532 |
| 2009 | 6     | 23  | 4    | 42     | 17     | 0.3       | 2.6     | 1.59  | 88.8      | 20.0184 | 27.9829 |
| 2009 | 6     | 23  | 4    | 52     | 17     | 0.3       | 2.6     | 1.66  | 90.6      | 20.0184 | 29.2117 |
| 2009 | 6     | 23  | 5    | 2      | 17     | 0.3       | 2.6     | 1.67  | 89.5      | 20.0184 | 29.4458 |
| 2009 | 6     | 23  | 5    | 12     | 17     | 0.3       | 2.6     | 1.66  | 88.6      | 20.0184 | 29.3288 |
| 2009 | 6     | 23  | 5    | 22     | 17     | 0.3       | 2.6     | 1.62  | 89.9      | 20.0184 | 28.5094 |
| 2009 | 6     | 23  | 5    | 32     | 17     | 0.3       | 2.6     | 1.66  | 90.8      | 20.0184 | 29.3288 |
| 2009 | 6     | 23  | 5    | 42     | 17     | 0.3       | 2.6     | 1.59  | 88.6      | 20.0443 | 28.0785 |
| 2009 | 6     | 23  | 5    | 52     | 17     | 0.3       | 2.6     | 1.62  | 89.2      | 20.0443 | 28.6058 |
| 2009 | 6     | 23  | 6    | 2      | 17     | 0.3       | 2.6     | 1.65  | 90.6      | 20.0443 | 29.1332 |
| 2009 | 6     | 23  | 6    | 12     | 17     | 0.3       | 2.6     | 1.63  | 89.9      | 20.0443 | 28.7816 |
| 2009 | 6     | 23  | 6    | 22     | 17     | 0.3       | 2.6     | 1.67  | 91.4      | 20.0443 | 29.4262 |
| 2009 | 6     | 23  | 6    | 32     | 17     | 0.3       | 2.6     | 1.62  | 90.5      | 20.0443 | 28.6058 |
| 2009 | 6     | 23  | 6    | 42     | 17     | 0.3       | 2.6     | 1.67  | 89.5      | 20.0443 | 29.4262 |
| 2009 | 6     | 23  | 6    | 52     | 17     | 0.3       | 2.6     | 1.6   | 89.8      | 20.0443 | 28.1957 |
| 2009 | 6     | 23  | 7    | 2      | 17     | 0.3       | 2.6     | 1.66  | 91.1      | 20.0443 | 29.309  |
| 2009 | 6     | 23  | 7    | 12     | 17     | 0.3       | 2.6     | 1.6   | 88.8      | 20.0443 | 28.2543 |
| 2009 | 6     | 23  | 7    | 22     | 17     | 0.3       | 2.6     | 1.61  | 89.6      | 20.0443 | 28.43   |
| 2009 | 6     | 23  | 7    | 32     | 17     | 0.3       | 2.6     | 1.6   | 89.3      | 20.0443 | 28.2543 |
| 2009 | 6     | 23  | 7    | 42     | 17     | 0.3       | 2.6     | 1.63  | 89.8      | 20.0443 | 28.723  |
| 2009 | 6     | 23  | 7    | 52     | 17     | 0.3       | 2.6     | 1.63  | 90.5      | 20.0443 | 28.8402 |
| 2009 | 6     | 23  | 8    | 2      | 17     | 0.3       | 2.6     | 1.59  | 89.2      | 20.0443 | 28.0785 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 23  | 8    | 12     | 17     | 0.3       | 2.6     | 1.63  | 88.4      | 20.0443 | 28.723  |
| 2009 | 6     | 23  | 8    | 22     | 17     | 0.3       | 2.6     | 1.63  | 90.3      | 20.0443 | 28.8402 |
| 2009 | 6     | 23  | 8    | 32     | 17     | 0.3       | 2.6     | 1.62  | 90.3      | 20.0443 | 28.6644 |
| 2009 | 6     | 23  | 8    | 42     | 17     | 0.3       | 2.6     | 1.58  | 89.2      | 20.0443 | 27.9613 |
| 2009 | 6     | 23  | 8    | 52     | 17     | 0.3       | 2.6     | 1.59  | 89.6      | 20.0443 | 28.1371 |
| 2009 | 6     | 23  | 9    | 2      | 17     | 0.3       | 2.6     | 1.65  | 89        | 20.0443 | 29.0746 |
| 2009 | 6     | 23  | 9    | 12     | 17     | 0.3       | 2.6     | 1.66  | 91.8      | 20.0443 | 29.2504 |
| 2009 | 6     | 23  | 9    | 22     | 17     | 0.3       | 2.6     | 1.62  | 90.7      | 20.0702 | 28.7023 |
| 2009 | 6     | 23  | 9    | 32     | 17     | 0.3       | 2.6     | 1.61  | 89.6      | 20.0702 | 28.4676 |
| 2009 | 6     | 23  | 9    | 42     | 17     | 0.3       | 2.6     | 1.64  | 89.9      | 20.0702 | 28.9957 |
| 2009 | 6     | 23  | 9    | 52     | 17     | 0.3       | 2.6     | 1.62  | 89.1      | 20.0702 | 28.6436 |
| 2009 | 6     | 23  | 10   | 2      | 17     | 0.3       | 2.6     | 1.64  | 89.5      | 20.0702 | 28.9957 |
| 2009 | 6     | 23  | 10   | 12     | 17     | 0.3       | 2.6     | 1.61  | 88.8      | 20.0702 | 28.4676 |
| 2009 | 6     | 23  | 10   | 22     | 17     | 0.3       | 2.6     | 1.67  | 91.4      | 20.0702 | 29.5238 |
| 2009 | 6     | 23  | 10   | 32     | 17     | 0.3       | 2.6     | 1.6   | 88.9      | 20.0702 | 28.233  |
| 2009 | 6     | 23  | 10   | 42     | 17     | 0.3       | 2.6     | 1.67  | 89.8      | 20.0702 | 29.4651 |
| 2009 | 6     | 23  | 10   | 52     | 17     | 0.3       | 2.6     | 1.58  | 89.2      | 20.0702 | 27.9397 |
| 2009 | 6     | 23  | 11   | 2      | 17     | 0.3       | 2.6     | 1.64  | 89.3      | 20.0702 | 28.937  |
| 2009 | 6     | 23  | 11   | 12     | 17     | 0.3       | 2.6     | 1.59  | 89.3      | 20.0702 | 28.057  |
| 2009 | 6     | 23  | 11   | 22     | 17     | 0.3       | 2.6     | 1.64  | 89.4      | 20.0702 | 28.9957 |
| 2009 | 6     | 23  | 11   | 32     | 17     | 0.3       | 2.6     | 1.62  | 89        | 20.0702 | 28.7023 |
| 2009 | 6     | 23  | 11   | 42     | 17     | 0.3       | 2.6     | 1.62  | 89.4      | 20.0961 | 28.6227 |
| 2009 | 6     | 23  | 11   | 52     | 17     | 0.3       | 2.6     | 1.62  | 90.7      | 20.0961 | 28.7402 |
| 2009 | 6     | 23  | 12   | 2      | 17     | 0.3       | 2.6     | 1.66  | 89.7      | 20.0961 | 29.3278 |
| 2009 | 6     | 23  | 12   | 12     | 17     | 0.3       | 2.6     | 1.68  | 91.3      | 20.0961 | 29.7392 |
| 2009 | 6     | 23  | 12   | 22     | 17     | 0.3       | 2.6     | 1.64  | 89.5      | 20.0961 | 29.034  |
| 2009 | 6     | 23  | 12   | 32     | 17     | 0.3       | 2.6     | 1.7   | 90.3      | 20.0961 | 30.033  |
| 2009 | 6     | 23  | 12   | 42     | 17     | 0.3       | 2.6     | 1.65  | 91        | 20.0961 | 29.2103 |
| 2009 | 6     | 23  | 12   | 52     | 17     | 0.3       | 2.6     | 1.62  | 90.5      | 20.0961 | 28.7402 |
| 2009 | 6     | 23  | 13   | 2      | 17     | 0.3       | 2.6     | 1.6   | 89.8      | 20.0961 | 28.329  |
| 2009 | 6     | 23  | 13   | 12     | 17     | 0.3       | 2.6     | 1.57  | 88.6      | 20.0961 | 27.683  |
| 2009 | 6     | 23  | 13   | 22     | 17     | 0.3       | 2.6     | 1.66  | 90        | 20.0961 | 29.3866 |
| 2009 | 6     | 23  | 13   | 32     | 17     | 0.3       | 2.6     | 1.64  | 89.3      | 20.1221 | 29.0135 |
| 2009 | 6     | 23  | 13   | 42     | 17     | 0.3       | 2.6     | 1.66  | 90        | 20.1221 | 29.4842 |
| 2009 | 6     | 23  | 13   | 52     | 17     | 0.3       | 2.6     | 1.63  | 88.4      | 20.1221 | 28.8958 |
| 2009 | 6     | 23  | 14   | 2      | 17     | 0.3       | 2.6     | 1.63  | 89.1      | 20.1221 | 28.8958 |
| 2009 | 6     | 23  | 14   | 12     | 17     | 0.3       | 2.6     | 1.64  | 90.7      | 20.1221 | 29.0135 |
| 2009 | 6     | 23  | 14   | 22     | 17     | 0.3       | 2.6     | 1.66  | 90        | 20.1221 | 29.4253 |
| 2009 | 6     | 23  | 14   | 32     | 17     | 0.3       | 2.6     | 1.69  | 91.9      | 20.1221 | 29.955  |
| 2009 | 6     | 23  | 14   | 42     | 17     | 0.3       | 2.6     | 1.61  | 89.5      | 20.1221 | 28.5429 |
| 2009 | 6     | 23  | 14   | 52     | 17     | 0.3       | 2.6     | 1.61  | 89.3      | 20.1221 | 28.6017 |
| 2009 | 6     | 23  | 15   | 2      | 17     | 0.3       | 2.6     | 1.57  | 89        | 20.1221 | 27.7783 |
| 2009 | 6     | 23  | 15   | 12     | 17     | 0.3       | 2.6     | 1.66  | 89.4      | 20.1221 | 29.3665 |
| 2009 | 6     | 23  | 15   | 22     | 17     | 0.3       | 2.6     | 1.63  | 89.3      | 20.1221 | 28.8958 |
| 2009 | 6     | 23  | 15   | 32     | 17     | 0.3       | 2.6     | 1.65  | 89.2      | 20.1221 | 29.19   |
| 2009 | 6     | 23  | 15   | 42     | 17     | 0.3       | 2.6     | 1.65  | 90.2      | 20.1221 | 29.19   |
| 2009 | 6     | 23  | 15   | 52     | 17     | 0.3       | 2.6     | 1.62  | 89.2      | 20.1221 | 28.7782 |
| 2009 | 6     | 23  | 16   | 2      | 17     | 0.3       | 2.6     | 1.62  | 89.5      | 20.1221 | 28.6605 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 23  | 16   | 12     | 17     | 0.3       | 2.6     | 1.62  | 89.9      | 20.1221 | 28.6605 |
| 2009 | 6     | 23  | 16   | 22     | 17     | 0.3       | 2.6     | 1.62  | 88.1      | 20.1221 | 28.6017 |
| 2009 | 6     | 23  | 16   | 32     | 17     | 0.3       | 2.6     | 1.61  | 91.3      | 20.1221 | 28.5429 |
| 2009 | 6     | 23  | 16   | 42     | 17     | 0.3       | 2.6     | 1.6   | 88.6      | 20.148  | 28.4627 |
| 2009 | 6     | 23  | 16   | 52     | 17     | 0.3       | 2.6     | 1.59  | 90.6      | 20.148  | 28.2271 |
| 2009 | 6     | 23  | 17   | 2      | 17     | 0.3       | 2.6     | 1.65  | 89.5      | 20.148  | 29.2874 |
| 2009 | 6     | 23  | 17   | 12     | 17     | 0.3       | 2.6     | 1.63  | 89.2      | 20.148  | 28.9339 |
| 2009 | 6     | 23  | 17   | 22     | 17     | 0.3       | 2.6     | 1.59  | 89.3      | 20.148  | 28.1682 |
| 2009 | 6     | 23  | 17   | 32     | 17     | 0.3       | 2.6     | 1.69  | 88.3      | 20.148  | 29.9945 |
| 2009 | 6     | 23  | 17   | 42     | 17     | 0.3       | 2.6     | 1.57  | 89.2      | 20.148  | 27.9327 |
| 2009 | 6     | 23  | 17   | 52     | 17     | 0.3       | 2.6     | 1.67  | 89.5      | 20.148  | 29.582  |
| 2009 | 6     | 23  | 18   | 2      | 17     | 0.3       | 2.6     | 1.62  | 88.4      | 20.148  | 28.6983 |
| 2009 | 6     | 23  | 18   | 12     | 17     | 0.3       | 2.6     | 1.64  | 90        | 20.148  | 29.0517 |
| 2009 | 6     | 23  | 18   | 22     | 17     | 0.3       | 2.6     | 1.66  | 90        | 20.148  | 29.4641 |
| 2009 | 6     | 23  | 18   | 32     | 17     | 0.3       | 2.6     | 1.56  | 88.8      | 20.1739 | 27.7337 |
| 2009 | 6     | 23  | 18   | 42     | 17     | 0.3       | 2.6     | 1.59  | 88.2      | 20.148  | 28.1682 |
| 2009 | 6     | 23  | 18   | 52     | 17     | 0.3       | 2.6     | 1.64  | 88.9      | 20.1739 | 29.208  |
| 2009 | 6     | 23  | 19   | 2      | 17     | 0.3       | 2.6     | 1.63  | 88.8      | 20.1739 | 29.031  |
| 2009 | 6     | 23  | 19   | 12     | 17     | 0.3       | 2.6     | 1.6   | 88.8      | 20.1739 | 28.3822 |
| 2009 | 6     | 23  | 19   | 22     | 17     | 0.3       | 2.6     | 1.69  | 90.6      | 20.1739 | 30.093  |
| 2009 | 6     | 23  | 19   | 32     | 17     | 0.3       | 2.6     | 1.62  | 89.7      | 20.1739 | 28.854  |
| 2009 | 6     | 23  | 19   | 42     | 17     | 0.3       | 2.6     | 1.63  | 89.8      | 20.1739 | 29.031  |
| 2009 | 6     | 23  | 19   | 52     | 17     | 0.3       | 2.6     | 1.64  | 90        | 20.1739 | 29.09   |
| 2009 | 6     | 23  | 20   | 2      | 17     | 0.3       | 2.6     | 1.65  | 90.2      | 20.1998 | 29.3055 |
| 2009 | 6     | 23  | 20   | 12     | 17     | 0.3       | 2.6     | 1.67  | 92        | 20.1998 | 29.6599 |
| 2009 | 6     | 23  | 20   | 22     | 17     | 0.3       | 2.6     | 1.64  | 89.2      | 20.1998 | 29.1283 |
| 2009 | 6     | 23  | 20   | 32     | 17     | 0.3       | 2.6     | 1.66  | 90.8      | 20.1998 | 29.4827 |
| 2009 | 6     | 23  | 20   | 42     | 17     | 0.3       | 2.6     | 1.61  | 88.7      | 20.1998 | 28.5967 |
| 2009 | 6     | 23  | 20   | 52     | 17     | 0.3       | 2.6     | 1.65  | 89.2      | 20.1998 | 29.3645 |
| 2009 | 6     | 23  | 21   | 2      | 17     | 0.3       | 2.6     | 1.67  | 90        | 20.1998 | 29.778  |
| 2009 | 6     | 23  | 21   | 12     | 17     | 0.3       | 2.6     | 1.6   | 88        | 20.1998 | 28.4786 |
| 2009 | 6     | 23  | 21   | 22     | 17     | 0.3       | 2.6     | 1.68  | 90.4      | 20.2258 | 29.9946 |
| 2009 | 6     | 23  | 21   | 32     | 17     | 0.3       | 2.6     | 1.58  | 88.9      | 20.2258 | 28.2204 |
| 2009 | 6     | 23  | 21   | 42     | 17     | 0.3       | 2.6     | 1.66  | 88.9      | 20.2258 | 29.5806 |
| 2009 | 6     | 23  | 21   | 52     | 17     | 0.3       | 2.6     | 1.64  | 89.7      | 20.2258 | 29.2848 |
| 2009 | 6     | 23  | 22   | 2      | 17     | 0.3       | 2.6     | 1.63  | 90.6      | 20.2517 | 29.1456 |
| 2009 | 6     | 23  | 22   | 12     | 17     | 0.3       | 2.6     | 1.65  | 87.7      | 20.2517 | 29.3825 |
| 2009 | 6     | 23  | 22   | 22     | 17     | 0.3       | 2.6     | 1.61  | 91.2      | 20.2517 | 28.7903 |
| 2009 | 6     | 23  | 22   | 32     | 17     | 0.3       | 2.6     | 1.65  | 90.1      | 20.2517 | 29.5009 |
| 2009 | 6     | 23  | 22   | 42     | 17     | 0.3       | 2.6     | 1.68  | 90        | 20.2776 | 30.0734 |
| 2009 | 6     | 23  | 22   | 52     | 17     | 0.3       | 2.6     | 1.63  | 89.1      | 20.2776 | 29.0652 |
| 2009 | 6     | 23  | 23   | 2      | 17     | 0.3       | 2.6     | 1.65  | 88.4      | 20.3036 | 29.5189 |
| 2009 | 6     | 23  | 23   | 12     | 17     | 0.3       | 2.6     | 1.61  | 90        | 20.2776 | 28.828  |
| 2009 | 6     | 23  | 23   | 22     | 17     | 0.3       | 2.6     | 1.6   | 89.6      | 20.3036 | 28.6283 |
| 2009 | 6     | 23  | 23   | 32     | 17     | 0.3       | 2.6     | 1.63  | 90        | 20.2776 | 29.1245 |
| 2009 | 6     | 23  | 23   | 42     | 17     | 0.3       | 2.6     | 1.65  | 89.7      | 20.3036 | 29.5783 |
| 2009 | 6     | 23  | 23   | 52     | 17     | 0.3       | 2.6     | 1.65  | 90.5      | 20.3036 | 29.5189 |
| 2009 | 6     | 24  | 0    | 2      | 17     | 0.3       | 2.6     | 1.61  | 89.7      | 20.3036 | 28.8658 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 24  | 0    | 12     | 17     | 0.3       | 2.6     | 1.64  | 89.3      | 20.3295 | 29.3197 |
| 2009 | 6     | 24  | 0    | 22     | 17     | 0.3       | 2.6     | 1.66  | 90.6      | 20.3295 | 29.7953 |
| 2009 | 6     | 24  | 0    | 32     | 17     | 0.3       | 2.6     | 1.63  | 89.9      | 20.3295 | 29.2008 |
| 2009 | 6     | 24  | 0    | 42     | 17     | 0.3       | 2.6     | 1.64  | 89.4      | 20.3295 | 29.3197 |
| 2009 | 6     | 24  | 0    | 52     | 17     | 0.3       | 2.6     | 1.65  | 89.3      | 20.3295 | 29.498  |
| 2009 | 6     | 24  | 1    | 2      | 17     | 0.3       | 2.6     | 1.61  | 88.7      | 20.3295 | 28.9035 |
| 2009 | 6     | 24  | 1    | 12     | 17     | 0.3       | 2.6     | 1.64  | 89.8      | 20.3295 | 29.3197 |
| 2009 | 6     | 24  | 1    | 22     | 17     | 0.3       | 2.6     | 1.64  | 90        | 20.3295 | 29.3791 |
| 2009 | 6     | 24  | 1    | 32     | 17     | 0.3       | 2.6     | 1.67  | 90.3      | 20.3295 | 29.9737 |
| 2009 | 6     | 24  | 1    | 42     | 17     | 0.3       | 2.6     | 1.64  | 90        | 20.3295 | 29.3791 |
| 2009 | 6     | 24  | 1    | 52     | 17     | 0.3       | 2.6     | 1.66  | 90.8      | 20.3295 | 29.7953 |
| 2009 | 6     | 24  | 2    | 2      | 17     | 0.3       | 3       | 1.62  | 88.8      | 20.3555 | 29.0603 |
| 2009 | 6     | 24  | 2    | 12     | 17     | 0.3       | 3       | 1.65  | 89.7      | 20.3555 | 29.5366 |
| 2009 | 6     | 24  | 2    | 22     | 17     | 0.3       | 3       | 1.66  | 89.7      | 20.3555 | 29.7152 |
| 2009 | 6     | 24  | 2    | 32     | 17     | 0.3       | 3       | 1.63  | 90.1      | 20.3555 | 29.2389 |
| 2009 | 6     | 24  | 2    | 42     | 17     | 0.3       | 3       | 1.63  | 90        | 20.3555 | 29.1794 |
| 2009 | 6     | 24  | 2    | 52     | 17     | 0.3       | 3       | 1.59  | 89.1      | 20.3555 | 28.5247 |
| 2009 | 6     | 24  | 3    | 2      | 17     | 0.3       | 3       | 1.65  | 91.3      | 20.3555 | 29.5366 |
| 2009 | 6     | 24  | 3    | 12     | 17     | 0.3       | 3       | 1.6   | 88.5      | 20.3555 | 28.7627 |
| 2009 | 6     | 24  | 3    | 22     | 17     | 0.3       | 3       | 1.63  | 91.6      | 20.3555 | 29.2984 |
| 2009 | 6     | 24  | 3    | 32     | 17     | 0.3       | 3       | 1.63  | 90.6      | 20.3555 | 29.1794 |
| 2009 | 6     | 24  | 3    | 42     | 17     | 0.3       | 3       | 1.63  | 89.7      | 20.3555 | 29.2984 |
| 2009 | 6     | 24  | 3    | 52     | 17     | 0.3       | 3       | 1.62  | 89.3      | 20.3555 | 29.0008 |
| 2009 | 6     | 24  | 4    | 2      | 17     | 0.3       | 3       | 1.68  | 90.4      | 20.3555 | 30.1915 |
| 2009 | 6     | 24  | 4    | 12     | 17     | 0.3       | 3       | 1.67  | 89.3      | 20.3555 | 30.0129 |
| 2009 | 6     | 24  | 4    | 22     | 17     | 0.3       | 3       | 1.64  | 89.4      | 20.3555 | 29.4175 |
| 2009 | 6     | 24  | 4    | 32     | 17     | 0.3       | 3       | 1.62  | 88.1      | 20.3555 | 29.1199 |
| 2009 | 6     | 24  | 4    | 42     | 17     | 0.3       | 3       | 1.58  | 88.2      | 20.3814 | 28.264  |
| 2009 | 6     | 24  | 4    | 52     | 17     | 0.3       | 3       | 1.67  | 91.7      | 20.3555 | 30.0129 |
| 2009 | 6     | 24  | 5    | 2      | 17     | 0.3       | 3       | 1.65  | 92.3      | 20.3555 | 29.6556 |
| 2009 | 6     | 24  | 5    | 12     | 17     | 0.3       | 3       | 1.59  | 87.6      | 20.3555 | 28.4057 |
| 2009 | 6     | 24  | 5    | 22     | 17     | 0.3       | 3       | 1.63  | 89.3      | 20.3555 | 29.1794 |
| 2009 | 6     | 24  | 5    | 32     | 17     | 0.3       | 3       | 1.59  | 90.2      | 20.3555 | 28.5842 |
| 2009 | 6     | 24  | 5    | 42     | 17     | 0.3       | 3       | 1.62  | 89.1      | 20.3814 | 29.0983 |
| 2009 | 6     | 24  | 5    | 52     | 17     | 0.3       | 3       | 1.59  | 89.6      | 20.3814 | 28.6215 |
| 2009 | 6     | 24  | 6    | 2      | 17     | 0.3       | 3       | 1.64  | 89.9      | 20.3814 | 29.3963 |
| 2009 | 6     | 24  | 6    | 12     | 17     | 0.3       | 3       | 1.63  | 90        | 20.3814 | 29.3367 |
| 2009 | 6     | 24  | 6    | 22     | 17     | 0.3       | 3       | 1.59  | 88.3      | 20.3814 | 28.5023 |
| 2009 | 6     | 24  | 6    | 32     | 17     | 0.3       | 3       | 1.6   | 90        | 20.3814 | 28.6811 |
| 2009 | 6     | 24  | 6    | 42     | 17     | 0.3       | 3       | 1.62  | 88.8      | 20.3814 | 29.0387 |
| 2009 | 6     | 24  | 6    | 52     | 17     | 0.3       | 3       | 1.65  | 89.1      | 20.3814 | 29.6347 |
| 2009 | 6     | 24  | 7    | 2      | 17     | 0.3       | 3       | 1.63  | 90.3      | 20.3814 | 29.2175 |
| 2009 | 6     | 24  | 7    | 12     | 17     | 0.3       | 3       | 1.59  | 89.5      | 20.3814 | 28.6215 |
| 2009 | 6     | 24  | 7    | 22     | 17     | 0.3       | 3       | 1.65  | 91        | 20.3814 | 29.5751 |
| 2009 | 6     | 24  | 7    | 32     | 17     | 0.3       | 3       | 1.62  | 90.6      | 20.3814 | 29.1579 |
| 2009 | 6     | 24  | 7    | 42     | 17     | 0.3       | 3       | 1.61  | 90.7      | 20.3814 | 28.9791 |
| 2009 | 6     | 24  | 7    | 52     | 17     | 0.3       | 3       | 1.63  | 89.3      | 20.3814 | 29.2771 |
| 2009 | 6     | 24  | 8    | 2      | 17     | 0.3       | 3       | 1.62  | 89.7      | 20.3814 | 29.0387 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 24  | 8    | 12     | 17     | 0.3       | 3       | 1.62  | 89.9      | 20.3814 | 29.0983 |
| 2009 | 6     | 24  | 8    | 22     | 17     | 0.3       | 3       | 1.63  | 89.3      | 20.3814 | 29.2771 |
| 2009 | 6     | 24  | 8    | 32     | 17     | 0.3       | 3       | 1.65  | 89.7      | 20.3814 | 29.5751 |
| 2009 | 6     | 24  | 8    | 42     | 17     | 0.3       | 3       | 1.59  | 89.5      | 20.3814 | 28.5023 |
| 2009 | 6     | 24  | 8    | 52     | 17     | 0.3       | 3       | 1.63  | 89.7      | 20.3814 | 29.2771 |
| 2009 | 6     | 24  | 9    | 2      | 17     | 0.3       | 3       | 1.58  | 88.4      | 20.3814 | 28.264  |
| 2009 | 6     | 24  | 9    | 12     | 17     | 0.3       | 3       | 1.66  | 90.7      | 20.3814 | 29.8136 |
| 2009 | 6     | 24  | 9    | 22     | 17     | 0.3       | 3       | 1.63  | 89.8      | 20.3814 | 29.3367 |
| 2009 | 6     | 24  | 9    | 32     | 17     | 0.3       | 3       | 1.57  | 89.2      | 20.4074 | 28.1815 |
| 2009 | 6     | 24  | 9    | 42     | 17     | 0.3       | 3       | 1.66  | 90.9      | 20.3814 | 29.8732 |
| 2009 | 6     | 24  | 9    | 52     | 17     | 0.3       | 3       | 1.57  | 89.4      | 20.3814 | 28.264  |
| 2009 | 6     | 24  | 10   | 2      | 17     | 0.3       | 3       | 1.66  | 90.3      | 20.3814 | 29.754  |
| 2009 | 6     | 24  | 10   | 12     | 17     | 0.3       | 3       | 1.65  | 90.8      | 20.3814 | 29.5751 |
| 2009 | 6     | 24  | 10   | 22     | 17     | 0.3       | 3       | 1.66  | 90.6      | 20.4074 | 29.7927 |
| 2009 | 6     | 24  | 10   | 32     | 17     | 0.3       | 3       | 1.66  | 90.1      | 20.4074 | 29.7927 |
| 2009 | 6     | 24  | 10   | 42     | 17     | 0.3       | 3       | 1.65  | 89.8      | 20.4074 | 29.7331 |
| 2009 | 6     | 24  | 10   | 52     | 17     | 0.3       | 3       | 1.61  | 90.2      | 20.4074 | 28.9572 |
| 2009 | 6     | 24  | 11   | 2      | 17     | 0.3       | 3       | 1.6   | 88.1      | 20.4074 | 28.7185 |
| 2009 | 6     | 24  | 11   | 12     | 17     | 0.3       | 3       | 1.61  | 89.6      | 20.4074 | 28.9572 |
| 2009 | 6     | 24  | 11   | 22     | 17     | 0.3       | 3       | 1.59  | 89.5      | 20.4074 | 28.6588 |
| 2009 | 6     | 24  | 11   | 32     | 17     | 0.3       | 3       | 1.62  | 89.3      | 20.4074 | 29.1959 |
| 2009 | 6     | 24  | 11   | 42     | 17     | 0.3       | 3       | 1.61  | 90.1      | 20.4074 | 29.0169 |
| 2009 | 6     | 24  | 11   | 52     | 17     | 0.3       | 3       | 1.62  | 88.8      | 20.4074 | 29.0765 |
| 2009 | 6     | 24  | 12   | 2      | 17     | 0.3       | 3       | 1.63  | 90.5      | 20.4074 | 29.2556 |
| 2009 | 6     | 24  | 12   | 12     | 17     | 0.3       | 3       | 1.6   | 89.6      | 20.4074 | 28.7782 |
| 2009 | 6     | 24  | 12   | 22     | 17     | 0.3       | 3       | 1.61  | 88        | 20.4074 | 28.8378 |
| 2009 | 6     | 24  | 12   | 32     | 17     | 0.3       | 3       | 1.61  | 90        | 20.4074 | 28.8975 |
| 2009 | 6     | 24  | 12   | 42     | 17     | 0.3       | 3       | 1.62  | 89.9      | 20.4074 | 29.0765 |
| 2009 | 6     | 24  | 12   | 52     | 17     | 0.3       | 3       | 1.63  | 89.7      | 20.4074 | 29.2556 |
| 2009 | 6     | 24  | 13   | 2      | 17     | 0.3       | 3       | 1.6   | 88.8      | 20.4074 | 28.7185 |
| 2009 | 6     | 24  | 13   | 12     | 17     | 0.3       | 3       | 1.62  | 88.7      | 20.4074 | 29.0765 |
| 2009 | 6     | 24  | 13   | 22     | 17     | 0.3       | 3       | 1.68  | 91.3      | 20.4074 | 30.2703 |
| 2009 | 6     | 24  | 13   | 32     | 17     | 0.3       | 3       | 1.62  | 88.8      | 20.4074 | 29.1362 |
| 2009 | 6     | 24  | 13   | 42     | 17     | 0.3       | 3       | 1.6   | 90        | 20.4074 | 28.8378 |
| 2009 | 6     | 24  | 13   | 52     | 17     | 0.3       | 3       | 1.6   | 88.8      | 20.4074 | 28.7782 |
| 2009 | 6     | 24  | 14   | 2      | 17     | 0.3       | 3       | 1.64  | 90.5      | 20.4074 | 29.4346 |
| 2009 | 6     | 24  | 14   | 12     | 17     | 0.3       | 3       | 1.65  | 90.2      | 20.4074 | 29.6734 |
| 2009 | 6     | 24  | 14   | 22     | 17     | 0.3       | 3       | 1.61  | 90.7      | 20.4074 | 28.9572 |
| 2009 | 6     | 24  | 14   | 32     | 17     | 0.3       | 3       | 1.64  | 89.2      | 20.4074 | 29.554  |
| 2009 | 6     | 24  | 14   | 42     | 17     | 0.3       | 3       | 1.59  | 88.3      | 20.4074 | 28.5395 |
| 2009 | 6     | 24  | 14   | 52     | 17     | 0.3       | 3       | 1.62  | 90        | 20.4074 | 29.0765 |
| 2009 | 6     | 24  | 15   | 2      | 17     | 0.3       | 3       | 1.63  | 89.9      | 20.4333 | 29.2937 |
| 2009 | 6     | 24  | 15   | 12     | 17     | 0.3       | 3       | 1.62  | 92.1      | 20.4074 | 29.0765 |
| 2009 | 6     | 24  | 15   | 22     | 17     | 0.3       | 3       | 1.65  | 89.8      | 20.4074 | 29.6137 |
| 2009 | 6     | 24  | 15   | 32     | 17     | 0.3       | 3       | 1.6   | 88.1      | 20.4074 | 28.6588 |
| 2009 | 6     | 24  | 15   | 42     | 17     | 0.3       | 3       | 1.64  | 89.7      | 20.4074 | 29.554  |
| 2009 | 6     | 24  | 15   | 52     | 17     | 0.3       | 3       | 1.67  | 90        | 20.4074 | 29.9718 |
| 2009 | 6     | 24  | 16   | 2      | 17     | 0.3       | 3       | 1.59  | 88.8      | 20.4074 | 28.5395 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 24  | 16   | 12     | 17     | 0.3       | 3       | 1.59  | 90.5      | 20.4074 | 28.5992 |
| 2009 | 6     | 24  | 16   | 22     | 17     | 0.3       | 3       | 1.6   | 87.4      | 20.4074 | 28.7782 |
| 2009 | 6     | 24  | 16   | 32     | 17     | 0.3       | 3       | 1.6   | 90        | 20.4074 | 28.7782 |
| 2009 | 6     | 24  | 16   | 42     | 17     | 0.3       | 3       | 1.6   | 89.4      | 20.4074 | 28.7782 |
| 2009 | 6     | 24  | 16   | 52     | 17     | 0.3       | 3       | 1.62  | 88.4      | 20.4074 | 29.1959 |
| 2009 | 6     | 24  | 17   | 2      | 17     | 0.3       | 3       | 1.67  | 89.7      | 20.4074 | 30.0315 |
| 2009 | 6     | 24  | 17   | 12     | 17     | 0.3       | 3       | 1.69  | 91.1      | 20.4333 | 30.3695 |
| 2009 | 6     | 24  | 17   | 22     | 17     | 0.3       | 3       | 1.64  | 89.5      | 20.4074 | 29.4943 |
| 2009 | 6     | 24  | 17   | 32     | 17     | 0.3       | 3       | 1.62  | 88        | 20.4074 | 29.1362 |
| 2009 | 6     | 24  | 17   | 42     | 17     | 0.3       | 3       | 1.64  | 89.9      | 20.4074 | 29.4943 |
| 2009 | 6     | 24  | 17   | 52     | 17     | 0.3       | 3       | 1.62  | 89.3      | 20.4333 | 29.2339 |
| 2009 | 6     | 24  | 18   | 2      | 17     | 0.3       | 3       | 1.64  | 90        | 20.4074 | 29.554  |
| 2009 | 6     | 24  | 18   | 12     | 17     | 0.3       | 3       | 1.57  | 88        | 20.4333 | 28.2182 |
| 2009 | 6     | 24  | 18   | 22     | 17     | 0.3       | 3       | 1.59  | 88.7      | 20.4333 | 28.6364 |
| 2009 | 6     | 24  | 18   | 32     | 17     | 0.3       | 3       | 1.63  | 89.7      | 20.4074 | 29.3152 |
| 2009 | 6     | 24  | 18   | 42     | 17     | 0.3       | 3       | 1.68  | 91.6      | 20.4333 | 30.25   |
| 2009 | 6     | 24  | 18   | 52     | 17     | 0.3       | 3       | 1.6   | 88.4      | 20.4333 | 28.7559 |
| 2009 | 6     | 24  | 19   | 2      | 17     | 0.3       | 3       | 1.63  | 88        | 20.4333 | 29.2937 |
| 2009 | 6     | 24  | 19   | 12     | 17     | 0.3       | 3       | 1.63  | 90.9      | 20.4333 | 29.4132 |
| 2009 | 6     | 24  | 19   | 22     | 17     | 0.3       | 3       | 1.59  | 88.3      | 20.4333 | 28.5767 |
| 2009 | 6     | 24  | 19   | 32     | 17     | 0.3       | 3       | 1.68  | 89.9      | 20.4333 | 30.3097 |
| 2009 | 6     | 24  | 19   | 42     | 17     | 0.3       | 3       | 1.65  | 89.7      | 20.4333 | 29.712  |
| 2009 | 6     | 24  | 19   | 52     | 17     | 0.3       | 3       | 1.66  | 89.5      | 20.4333 | 29.8315 |
| 2009 | 6     | 24  | 20   | 2      | 17     | 0.3       | 3       | 1.66  | 88.6      | 20.4333 | 29.8315 |
| 2009 | 6     | 24  | 20   | 12     | 17     | 0.3       | 3       | 1.67  | 89.7      | 20.4333 | 30.0109 |
| 2009 | 6     | 24  | 20   | 22     | 17     | 0.3       | 3       | 1.63  | 88        | 20.4333 | 29.2937 |
| 2009 | 6     | 24  | 20   | 32     | 17     | 0.3       | 3       | 1.61  | 90        | 20.4333 | 29.0546 |
| 2009 | 6     | 24  | 20   | 42     | 17     | 0.3       | 3       | 1.6   | 89.2      | 20.4333 | 28.7559 |
| 2009 | 6     | 24  | 20   | 52     | 17     | 0.3       | 3       | 1.57  | 90        | 20.4333 | 28.278  |
| 2009 | 6     | 24  | 21   | 2      | 17     | 0.3       | 3       | 1.66  | 90.3      | 20.4333 | 29.8315 |
| 2009 | 6     | 24  | 21   | 12     | 17     | 0.3       | 3       | 1.61  | 89.2      | 20.4333 | 28.9949 |
| 2009 | 6     | 24  | 21   | 22     | 17     | 0.3       | 3       | 1.59  | 89.3      | 20.4333 | 28.6961 |
| 2009 | 6     | 24  | 21   | 32     | 17     | 0.3       | 3       | 1.61  | 90        | 20.4333 | 28.9351 |
| 2009 | 6     | 24  | 21   | 42     | 17     | 0.3       | 3       | 1.66  | 89.5      | 20.4593 | 29.8703 |
| 2009 | 6     | 24  | 21   | 52     | 17     | 0.3       | 3       | 1.69  | 89.8      | 20.4333 | 30.3695 |
| 2009 | 6     | 24  | 22   | 2      | 17     | 0.3       | 3       | 1.55  | 87.9      | 20.4333 | 27.8599 |
| 2009 | 6     | 24  | 22   | 12     | 17     | 0.3       | 3       | 1.58  | 87.6      | 20.4593 | 28.4942 |
| 2009 | 6     | 24  | 22   | 22     | 17     | 0.3       | 3       | 1.62  | 89.3      | 20.4593 | 29.1522 |
| 2009 | 6     | 24  | 22   | 32     | 17     | 0.3       | 3       | 1.64  | 89.2      | 20.4593 | 29.5711 |
| 2009 | 6     | 24  | 22   | 42     | 17     | 0.3       | 3       | 1.63  | 89.8      | 20.4593 | 29.4514 |
| 2009 | 6     | 24  | 22   | 52     | 17     | 0.3       | 3       | 1.66  | 89.2      | 20.4593 | 29.99   |
| 2009 | 6     | 24  | 23   | 2      | 17     | 0.3       | 3       | 1.63  | 87.8      | 20.4593 | 29.3318 |
| 2009 | 6     | 24  | 23   | 12     | 17     | 0.3       | 3       | 1.61  | 88.8      | 20.4593 | 29.0924 |
| 2009 | 6     | 24  | 23   | 22     | 17     | 0.3       | 3       | 1.65  | 89        | 20.4593 | 29.7506 |
| 2009 | 6     | 24  | 23   | 32     | 17     | 0.3       | 3       | 1.63  | 89.1      | 20.4593 | 29.3318 |
| 2009 | 6     | 24  | 23   | 42     | 17     | 0.3       | 3       | 1.63  | 90.5      | 20.4593 | 29.3318 |
| 2009 | 6     | 24  | 23   | 52     | 17     | 0.3       | 3       | 1.62  | 90.6      | 20.4593 | 29.1522 |
| 2009 | 6     | 25  | 0    | 2      | 17     | 0.3       | 3       | 1.69  | 90.7      | 20.4593 | 30.409  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 25  | 0    | 12     | 17     | 0.3       | 3       | 1.64  | 88        | 20.4593 | 29.5113 |
| 2009 | 6     | 25  | 0    | 22     | 17     | 0.3       | 3       | 1.65  | 90.2      | 20.4593 | 29.6908 |
| 2009 | 6     | 25  | 0    | 32     | 17     | 0.3       | 3       | 1.62  | 90.6      | 20.4593 | 29.1522 |
| 2009 | 6     | 25  | 0    | 42     | 17     | 0.3       | 3       | 1.65  | 88.1      | 20.4593 | 29.7506 |
| 2009 | 6     | 25  | 0    | 52     | 17     | 0.3       | 3       | 1.64  | 89.2      | 20.4593 | 29.5113 |
| 2009 | 6     | 25  | 1    | 2      | 17     | 0.3       | 3       | 1.62  | 90.1      | 20.4593 | 29.2719 |
| 2009 | 6     | 25  | 1    | 12     | 17     | 0.3       | 3       | 1.65  | 89.9      | 20.4333 | 29.712  |
| 2009 | 6     | 25  | 1    | 22     | 17     | 0.3       | 3       | 1.59  | 87.5      | 20.4333 | 28.5169 |
| 2009 | 6     | 25  | 1    | 32     | 17     | 0.3       | 3       | 1.62  | 88.8      | 20.4333 | 29.1144 |
| 2009 | 6     | 25  | 1    | 42     | 17     | 0.3       | 3       | 1.62  | 88.8      | 20.4333 | 29.1741 |
| 2009 | 6     | 25  | 1    | 52     | 17     | 0.3       | 3       | 1.59  | 89.4      | 20.4333 | 28.6364 |
| 2009 | 6     | 25  | 2    | 2      | 17     | 0.3       | 3       | 1.66  | 89.9      | 20.4333 | 29.8315 |
| 2009 | 6     | 25  | 2    | 12     | 17     | 0.3       | 3       | 1.63  | 89.4      | 20.4333 | 29.3534 |
| 2009 | 6     | 25  | 2    | 22     | 17     | 0.3       | 3       | 1.63  | 88.8      | 20.4333 | 29.2937 |
| 2009 | 6     | 25  | 2    | 32     | 17     | 0.3       | 3       | 1.58  | 88.8      | 20.4333 | 28.3974 |
| 2009 | 6     | 25  | 2    | 42     | 17     | 0.3       | 3       | 1.6   | 89.6      | 20.4333 | 28.7559 |
| 2009 | 6     | 25  | 2    | 52     | 17     | 0.3       | 3       | 1.63  | 89.8      | 20.4333 | 29.2937 |
| 2009 | 6     | 25  | 3    | 2      | 17     | 0.3       | 3       | 1.62  | 90.8      | 20.4333 | 29.1741 |
| 2009 | 6     | 25  | 3    | 12     | 17     | 0.3       | 3       | 1.6   | 89.3      | 20.4333 | 28.8754 |
| 2009 | 6     | 25  | 3    | 22     | 17     | 0.3       | 3       | 1.64  | 90.5      | 20.4333 | 29.4729 |
| 2009 | 6     | 25  | 3    | 32     | 17     | 0.3       | 3       | 1.6   | 89.9      | 20.4333 | 28.8754 |
| 2009 | 6     | 25  | 3    | 42     | 17     | 0.3       | 3       | 1.64  | 91.5      | 20.4333 | 29.5327 |
| 2009 | 6     | 25  | 3    | 52     | 17     | 0.3       | 3       | 1.59  | 88.9      | 20.4333 | 28.6364 |
| 2009 | 6     | 25  | 4    | 2      | 17     | 0.3       | 3       | 1.67  | 88.8      | 20.4333 | 30.0109 |
| 2009 | 6     | 25  | 4    | 12     | 17     | 0.3       | 3       | 1.62  | 88.8      | 20.4333 | 29.1741 |
| 2009 | 6     | 25  | 4    | 22     | 17     | 0.3       | 3       | 1.6   | 88.2      | 20.4333 | 28.7559 |
| 2009 | 6     | 25  | 4    | 32     | 17     | 0.3       | 3       | 1.63  | 89.8      | 20.4333 | 29.4132 |
| 2009 | 6     | 25  | 4    | 42     | 17     | 0.3       | 3       | 1.68  | 91.1      | 20.4333 | 30.3097 |
| 2009 | 6     | 25  | 4    | 52     | 17     | 0.3       | 3       | 1.59  | 88.7      | 20.4333 | 28.5169 |
| 2009 | 6     | 25  | 5    | 2      | 17     | 0.3       | 3       | 1.57  | 89.6      | 20.4333 | 28.3377 |
| 2009 | 6     | 25  | 5    | 12     | 17     | 0.3       | 3       | 1.66  | 89.2      | 20.4333 | 29.8315 |
| 2009 | 6     | 25  | 5    | 22     | 17     | 0.3       | 3       | 1.56  | 87.5      | 20.4333 | 27.9793 |
| 2009 | 6     | 25  | 5    | 32     | 17     | 0.3       | 3       | 1.62  | 88.8      | 20.4074 | 29.1959 |
| 2009 | 6     | 25  | 5    | 42     | 17     | 0.3       | 3       | 1.64  | 89.3      | 20.4333 | 29.5327 |
| 2009 | 6     | 25  | 5    | 52     | 17     | 0.3       | 3       | 1.57  | 89        | 20.4333 | 28.278  |
| 2009 | 6     | 25  | 6    | 2      | 17     | 0.3       | 3       | 1.6   | 88.7      | 20.4333 | 28.7559 |
| 2009 | 6     | 25  | 6    | 12     | 17     | 0.3       | 3       | 1.59  | 90        | 20.4333 | 28.6364 |
| 2009 | 6     | 25  | 6    | 22     | 17     | 0.3       | 3       | 1.66  | 89.5      | 20.4333 | 29.8315 |
| 2009 | 6     | 25  | 6    | 32     | 17     | 0.3       | 3       | 1.63  | 89.7      | 20.4333 | 29.4132 |
| 2009 | 6     | 25  | 6    | 42     | 17     | 0.3       | 3       | 1.63  | 89.5      | 20.4333 | 29.3534 |
| 2009 | 6     | 25  | 6    | 52     | 17     | 0.3       | 3       | 1.59  | 89.5      | 20.4333 | 28.5767 |
| 2009 | 6     | 25  | 7    | 2      | 17     | 0.3       | 3       | 1.62  | 88.1      | 20.4333 | 29.2339 |
| 2009 | 6     | 25  | 7    | 12     | 17     | 0.3       | 3       | 1.58  | 90.4      | 20.4333 | 28.5169 |
| 2009 | 6     | 25  | 7    | 22     | 17     | 0.3       | 3       | 1.63  | 89.4      | 20.4333 | 29.2937 |
| 2009 | 6     | 25  | 7    | 32     | 17     | 0.3       | 3       | 1.65  | 90.3      | 20.4333 | 29.6522 |
| 2009 | 6     | 25  | 7    | 42     | 17     | 0.3       | 3       | 1.62  | 90        | 20.4333 | 29.1144 |
| 2009 | 6     | 25  | 7    | 52     | 17     | 0.3       | 3       | 1.65  | 88.5      | 20.4333 | 29.7718 |
| 2009 | 6     | 25  | 8    | 2      | 17     | 0.3       | 3       | 1.61  | 90        | 20.4333 | 28.9351 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 25  | 8    | 12     | 17     | 0.3       | 3       | 1.6   | 90.4      | 20.4333 | 28.8156 |
| 2009 | 6     | 25  | 8    | 22     | 17     | 0.3       | 3       | 1.68  | 89.9      | 20.4333 | 30.25   |
| 2009 | 6     | 25  | 8    | 32     | 17     | 0.3       | 3       | 1.62  | 88.6      | 20.4333 | 29.2339 |
| 2009 | 6     | 25  | 8    | 42     | 17     | 0.3       | 3       | 1.64  | 91.7      | 20.4333 | 29.5925 |
| 2009 | 6     | 25  | 8    | 52     | 17     | 0.3       | 3       | 1.63  | 89.1      | 20.4333 | 29.2937 |
| 2009 | 6     | 25  | 9    | 2      | 17     | 0.3       | 3       | 1.64  | 89.4      | 20.4333 | 29.4729 |
| 2009 | 6     | 25  | 9    | 12     | 17     | 0.3       | 3       | 1.6   | 90.1      | 20.4593 | 28.9129 |
| 2009 | 6     | 25  | 9    | 22     | 17     | 0.3       | 3       | 1.61  | 88        | 20.4593 | 28.9129 |
| 2009 | 6     | 25  | 9    | 32     | 17     | 0.3       | 3       | 1.62  | 87.9      | 20.4593 | 29.0924 |
| 2009 | 6     | 25  | 9    | 42     | 17     | 0.3       | 3       | 1.65  | 90.3      | 20.4593 | 29.6908 |
| 2009 | 6     | 25  | 9    | 52     | 17     | 0.3       | 3       | 1.64  | 89.3      | 20.4593 | 29.5711 |
| 2009 | 6     | 25  | 10   | 2      | 17     | 0.3       | 3       | 1.6   | 89.8      | 20.4593 | 28.8531 |
| 2009 | 6     | 25  | 10   | 12     | 17     | 0.3       | 3       | 1.61  | 88.9      | 20.4593 | 29.0326 |
| 2009 | 6     | 25  | 10   | 22     | 17     | 0.3       | 3       | 1.61  | 88.8      | 20.4593 | 29.0326 |
| 2009 | 6     | 25  | 10   | 32     | 17     | 0.3       | 3       | 1.62  | 90.2      | 20.4593 | 29.2121 |
| 2009 | 6     | 25  | 10   | 42     | 17     | 0.3       | 3       | 1.61  | 88.8      | 20.4593 | 29.0924 |
| 2009 | 6     | 25  | 10   | 52     | 17     | 0.3       | 3       | 1.57  | 88.3      | 20.4593 | 28.3147 |
| 2009 | 6     | 25  | 11   | 2      | 17     | 0.3       | 3       | 1.62  | 88.4      | 20.4593 | 29.1522 |
| 2009 | 6     | 25  | 11   | 12     | 17     | 0.3       | 3       | 1.6   | 89.6      | 20.4853 | 28.9505 |
| 2009 | 6     | 25  | 11   | 22     | 17     | 0.3       | 3       | 1.6   | 89.4      | 20.4853 | 28.8307 |
| 2009 | 6     | 25  | 11   | 32     | 17     | 0.3       | 3       | 1.56  | 87.5      | 20.4853 | 28.0521 |
| 2009 | 6     | 25  | 11   | 42     | 17     | 0.3       | 3       | 1.62  | 89.3      | 20.4593 | 29.2121 |
| 2009 | 6     | 25  | 11   | 52     | 17     | 0.3       | 3       | 1.57  | 88        | 20.4853 | 28.2318 |
| 2009 | 6     | 25  | 12   | 2      | 17     | 0.3       | 3       | 1.64  | 87.8      | 20.4853 | 29.5496 |
| 2009 | 6     | 25  | 12   | 12     | 17     | 0.3       | 3       | 1.61  | 89.5      | 20.4593 | 29.0924 |
| 2009 | 6     | 25  | 12   | 22     | 17     | 0.3       | 3       | 1.66  | 88.5      | 20.4593 | 29.8703 |
| 2009 | 6     | 25  | 12   | 32     | 17     | 0.3       | 3       | 1.64  | 90.8      | 20.4593 | 29.5113 |
| 2009 | 6     | 25  | 12   | 42     | 17     | 0.3       | 3       | 1.66  | 90.5      | 20.4853 | 29.9091 |
| 2009 | 6     | 25  | 12   | 52     | 17     | 0.3       | 3       | 1.6   | 89.3      | 20.4853 | 28.9505 |
| 2009 | 6     | 25  | 13   | 2      | 17     | 0.3       | 3       | 1.64  | 89.3      | 20.4593 | 29.5711 |
| 2009 | 6     | 25  | 13   | 12     | 17     | 0.3       | 3       | 1.59  | 87.6      | 20.5112 | 28.6282 |
| 2009 | 6     | 25  | 13   | 22     | 17     | 0.3       | 3       | 1.57  | 89.4      | 20.4853 | 28.2916 |
| 2009 | 6     | 25  | 13   | 32     | 17     | 0.3       | 3       | 1.64  | 90        | 20.4853 | 29.6694 |
| 2009 | 6     | 25  | 13   | 42     | 17     | 0.3       | 3       | 1.59  | 88.5      | 20.4853 | 28.651  |
| 2009 | 6     | 25  | 13   | 52     | 17     | 0.3       | 3       | 1.64  | 88.9      | 20.4853 | 29.6095 |
| 2009 | 6     | 25  | 14   | 2      | 17     | 0.3       | 3       | 1.58  | 87.4      | 20.5112 | 28.5682 |
| 2009 | 6     | 25  | 14   | 12     | 17     | 0.3       | 3       | 1.61  | 88.4      | 20.5112 | 29.108  |
| 2009 | 6     | 25  | 14   | 22     | 17     | 0.3       | 3       | 1.63  | 89.3      | 20.5112 | 29.408  |
| 2009 | 6     | 25  | 14   | 32     | 17     | 0.3       | 3       | 1.57  | 86.6      | 20.5112 | 28.2684 |
| 2009 | 6     | 25  | 14   | 42     | 17     | 0.3       | 3       | 1.6   | 88.3      | 20.4853 | 28.7708 |
| 2009 | 6     | 25  | 14   | 52     | 17     | 0.3       | 3       | 1.63  | 86.9      | 20.5112 | 29.468  |
| 2009 | 6     | 25  | 15   | 2      | 17     | 0.3       | 3       | 1.63  | 89.5      | 20.4853 | 29.4897 |
| 2009 | 6     | 25  | 15   | 12     | 17     | 0.3       | 3       | 1.58  | 88.2      | 20.5112 | 28.5682 |
| 2009 | 6     | 25  | 15   | 22     | 17     | 0.3       | 3       | 1.63  | 90.5      | 20.5112 | 29.5279 |
| 2009 | 6     | 25  | 15   | 32     | 17     | 0.3       | 3       | 1.61  | 89.2      | 20.5112 | 29.048  |
| 2009 | 6     | 25  | 15   | 42     | 17     | 0.3       | 3       | 1.54  | 86.8      | 20.4853 | 27.6928 |
| 2009 | 6     | 25  | 15   | 52     | 17     | 0.3       | 3       | 1.6   | 88.8      | 20.5112 | 28.9281 |
| 2009 | 6     | 25  | 16   | 2      | 17     | 0.3       | 3       | 1.61  | 89        | 20.4853 | 29.1302 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 25  | 16   | 12     | 17     | 0.3       | 3       | 1.61  | 88.6      | 20.5112 | 29.048  |
| 2009 | 6     | 25  | 16   | 22     | 17     | 0.3       | 3       | 1.6   | 88.8      | 20.4853 | 28.9505 |
| 2009 | 6     | 25  | 16   | 32     | 17     | 0.3       | 3       | 1.61  | 88.6      | 20.4853 | 29.0104 |
| 2009 | 6     | 25  | 16   | 42     | 17     | 0.3       | 3       | 1.59  | 87.2      | 20.4853 | 28.5911 |
| 2009 | 6     | 25  | 16   | 52     | 17     | 0.3       | 3       | 1.55  | 86.7      | 20.4853 | 27.9323 |
| 2009 | 6     | 25  | 17   | 2      | 17     | 0.3       | 3       | 1.58  | 89.2      | 20.5112 | 28.6282 |
| 2009 | 6     | 25  | 17   | 12     | 17     | 0.3       | 3       | 1.56  | 89.2      | 20.4853 | 28.112  |
| 2009 | 6     | 25  | 17   | 22     | 17     | 0.3       | 3       | 1.63  | 89.3      | 20.5112 | 29.468  |
| 2009 | 6     | 25  | 17   | 32     | 17     | 0.3       | 3       | 1.52  | 85.6      | 20.5112 | 27.429  |
| 2009 | 6     | 25  | 17   | 42     | 17     | 0.3       | 3       | 1.57  | 87.8      | 20.5112 | 28.3284 |
| 2009 | 6     | 25  | 17   | 52     | 17     | 0.3       | 3       | 1.58  | 87.9      | 20.5112 | 28.4483 |
| 2009 | 6     | 25  | 18   | 2      | 17     | 0.3       | 3       | 1.58  | 86.8      | 20.5112 | 28.4483 |
| 2009 | 6     | 25  | 18   | 12     | 17     | 0.3       | 3       | 1.56  | 87        | 20.5112 | 28.1485 |
| 2009 | 6     | 25  | 18   | 22     | 17     | 0.3       | 3       | 1.58  | 89.2      | 20.5112 | 28.6282 |
| 2009 | 6     | 25  | 18   | 32     | 17     | 0.3       | 3       | 1.56  | 88.8      | 20.5372 | 28.245  |
| 2009 | 6     | 25  | 18   | 42     | 17     | 0.3       | 3       | 1.61  | 87.5      | 20.5112 | 29.048  |
| 2009 | 6     | 25  | 18   | 52     | 17     | 0.3       | 3       | 1.6   | 87.8      | 20.5112 | 28.8681 |
| 2009 | 6     | 25  | 19   | 2      | 17     | 0.3       | 3       | 1.55  | 88.1      | 20.5372 | 28.0048 |
| 2009 | 6     | 25  | 19   | 12     | 17     | 0.3       | 3       | 1.59  | 89.5      | 20.5372 | 28.7254 |
| 2009 | 6     | 25  | 19   | 22     | 17     | 0.3       | 3       | 1.61  | 88.4      | 20.5372 | 29.0857 |
| 2009 | 6     | 25  | 19   | 32     | 17     | 0.3       | 3       | 1.56  | 89.2      | 20.5372 | 28.245  |
| 2009 | 6     | 25  | 19   | 42     | 17     | 0.3       | 3       | 1.61  | 88        | 20.5892 | 29.161  |
| 2009 | 6     | 25  | 19   | 52     | 17     | 0.3       | 3       | 1.56  | 88.9      | 20.5892 | 28.3181 |
| 2009 | 6     | 25  | 20   | 2      | 17     | 0.3       | 3       | 1.6   | 89.9      | 20.5632 | 29.0632 |
| 2009 | 6     | 25  | 20   | 12     | 17     | 0.3       | 3       | 1.63  | 89.4      | 20.5632 | 29.6045 |
| 2009 | 6     | 25  | 20   | 22     | 17     | 0.3       | 3       | 1.59  | 88.3      | 20.5892 | 28.86   |
| 2009 | 6     | 25  | 20   | 32     | 17     | 0.3       | 3       | 1.58  | 88        | 20.5892 | 28.6793 |
| 2009 | 6     | 25  | 20   | 42     | 17     | 0.3       | 3       | 1.6   | 89.3      | 20.5892 | 29.0406 |
| 2009 | 6     | 25  | 20   | 52     | 17     | 0.3       | 3       | 1.65  | 89.5      | 20.5892 | 29.9439 |
| 2009 | 6     | 25  | 21   | 2      | 17     | 0.3       | 3       | 1.66  | 89.1      | 20.5892 | 30.1246 |
| 2009 | 6     | 25  | 21   | 12     | 17     | 0.3       | 3       | 1.63  | 89.8      | 20.6151 | 29.6811 |
| 2009 | 6     | 25  | 21   | 22     | 17     | 0.3       | 3       | 1.65  | 88.9      | 20.6151 | 29.9826 |
| 2009 | 6     | 25  | 21   | 32     | 17     | 0.3       | 3       | 1.62  | 90        | 20.6151 | 29.5002 |
| 2009 | 6     | 25  | 21   | 42     | 17     | 0.3       | 3       | 1.63  | 89.3      | 20.6151 | 29.6811 |
| 2009 | 6     | 25  | 21   | 52     | 17     | 0.3       | 3       | 1.68  | 91        | 20.6411 | 30.5045 |
| 2009 | 6     | 25  | 22   | 2      | 17     | 0.3       | 3       | 1.64  | 89.2      | 20.6411 | 29.7798 |
| 2009 | 6     | 25  | 22   | 12     | 17     | 0.3       | 3       | 1.69  | 89        | 20.6411 | 30.6857 |
| 2009 | 6     | 25  | 22   | 22     | 17     | 0.3       | 3       | 1.6   | 88.4      | 20.6411 | 29.0553 |
| 2009 | 6     | 25  | 22   | 32     | 17     | 0.3       | 3       | 1.61  | 88.6      | 20.6411 | 29.3571 |
| 2009 | 6     | 25  | 22   | 42     | 17     | 0.3       | 3       | 1.66  | 89.7      | 20.6411 | 30.1421 |
| 2009 | 6     | 25  | 22   | 52     | 17     | 0.3       | 3       | 1.58  | 88.6      | 20.6411 | 28.6931 |
| 2009 | 6     | 25  | 23   | 2      | 17     | 0.3       | 3       | 1.6   | 88.6      | 20.6411 | 29.176  |
| 2009 | 6     | 25  | 23   | 12     | 17     | 0.3       | 3       | 1.6   | 89.5      | 20.6671 | 29.2136 |
| 2009 | 6     | 25  | 23   | 22     | 17     | 0.3       | 3       | 1.61  | 89.3      | 20.6671 | 29.274  |
| 2009 | 6     | 25  | 23   | 32     | 17     | 0.3       | 3       | 1.65  | 90.5      | 20.6671 | 30.06   |
| 2009 | 6     | 25  | 23   | 42     | 17     | 0.3       | 3       | 1.65  | 90        | 20.6411 | 30.0817 |
| 2009 | 6     | 25  | 23   | 52     | 17     | 0.3       | 3       | 1.62  | 90.2      | 20.6411 | 29.4175 |
| 2009 | 6     | 26  | 0    | 2      | 17     | 0.3       | 3       | 1.61  | 90        | 20.6671 | 29.274  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 26  | 0    | 12     | 17     | 0.3       | 3       | 1.6   | 89.6      | 20.6411 | 29.0553 |
| 2009 | 6     | 26  | 0    | 22     | 17     | 0.3       | 3       | 1.6   | 89.2      | 20.6411 | 29.1156 |
| 2009 | 6     | 26  | 0    | 32     | 17     | 0.3       | 3       | 1.6   | 89.3      | 20.6671 | 29.1531 |
| 2009 | 6     | 26  | 0    | 42     | 17     | 0.3       | 3       | 1.59  | 90.9      | 20.6671 | 28.9114 |
| 2009 | 6     | 26  | 0    | 52     | 17     | 0.3       | 3       | 1.62  | 89.4      | 20.6411 | 29.4175 |
| 2009 | 6     | 26  | 1    | 2      | 17     | 0.3       | 3       | 1.6   | 89.3      | 20.6671 | 29.2136 |
| 2009 | 6     | 26  | 1    | 12     | 17     | 0.3       | 3       | 1.57  | 87.8      | 20.6671 | 28.4883 |
| 2009 | 6     | 26  | 1    | 22     | 17     | 0.3       | 3       | 1.63  | 89.1      | 20.6671 | 29.7577 |
| 2009 | 6     | 26  | 1    | 32     | 17     | 0.3       | 3       | 1.6   | 88.2      | 20.6411 | 29.1156 |
| 2009 | 6     | 26  | 1    | 42     | 17     | 0.3       | 3       | 1.64  | 90        | 20.6411 | 29.7798 |
| 2009 | 6     | 26  | 1    | 52     | 17     | 0.3       | 3       | 1.61  | 88        | 20.6671 | 29.3345 |
| 2009 | 6     | 26  | 2    | 2      | 17     | 0.3       | 3       | 1.64  | 90        | 20.6671 | 29.8181 |
| 2009 | 6     | 26  | 2    | 12     | 17     | 0.3       | 3       | 1.64  | 88.7      | 20.6671 | 29.8181 |
| 2009 | 6     | 26  | 2    | 22     | 17     | 0.3       | 3       | 1.6   | 88.5      | 20.6671 | 29.1531 |
| 2009 | 6     | 26  | 2    | 32     | 17     | 0.3       | 3       | 1.6   | 88.8      | 20.6671 | 29.2136 |
| 2009 | 6     | 26  | 2    | 42     | 17     | 0.3       | 3       | 1.61  | 89.3      | 20.6671 | 29.274  |
| 2009 | 6     | 26  | 2    | 52     | 17     | 0.3       | 3       | 1.63  | 88.8      | 20.6671 | 29.6368 |
| 2009 | 6     | 26  | 3    | 2      | 17     | 0.3       | 3       | 1.57  | 88.9      | 20.6671 | 28.6092 |
| 2009 | 6     | 26  | 3    | 12     | 17     | 0.3       | 3       | 1.58  | 88.6      | 20.6671 | 28.7301 |
| 2009 | 6     | 26  | 3    | 22     | 17     | 0.3       | 3       | 1.61  | 87        | 20.6671 | 29.274  |
| 2009 | 6     | 26  | 3    | 32     | 17     | 0.3       | 3       | 1.67  | 89.5      | 20.6671 | 30.3623 |
| 2009 | 6     | 26  | 3    | 42     | 17     | 0.3       | 3       | 1.69  | 89.9      | 20.6671 | 30.7252 |
| 2009 | 6     | 26  | 3    | 52     | 17     | 0.3       | 3       | 1.58  | 87.5      | 20.6671 | 28.7905 |
| 2009 | 6     | 26  | 4    | 2      | 17     | 0.3       | 3       | 1.58  | 88.9      | 20.6671 | 28.7905 |
| 2009 | 6     | 26  | 4    | 12     | 17     | 0.3       | 3       | 1.65  | 90        | 20.6671 | 30.06   |
| 2009 | 6     | 26  | 4    | 22     | 17     | 0.3       | 3       | 1.66  | 90.8      | 20.6671 | 30.3019 |
| 2009 | 6     | 26  | 4    | 32     | 17     | 0.3       | 3       | 1.61  | 88.8      | 20.6671 | 29.274  |
| 2009 | 6     | 26  | 4    | 42     | 17     | 0.3       | 3       | 1.59  | 89.9      | 20.6671 | 28.9114 |
| 2009 | 6     | 26  | 4    | 52     | 17     | 0.3       | 3       | 1.58  | 87.5      | 20.6671 | 28.7301 |
| 2009 | 6     | 26  | 5    | 2      | 17     | 0.3       | 3       | 1.66  | 88.6      | 20.6671 | 30.2414 |
| 2009 | 6     | 26  | 5    | 12     | 17     | 0.3       | 3       | 1.62  | 89.2      | 20.6671 | 29.5763 |
| 2009 | 6     | 26  | 5    | 22     | 17     | 0.3       | 3       | 1.58  | 87.9      | 20.6671 | 28.7905 |
| 2009 | 6     | 26  | 5    | 32     | 17     | 0.3       | 3       | 1.58  | 88.3      | 20.6671 | 28.6696 |
| 2009 | 6     | 26  | 5    | 42     | 17     | 0.3       | 3       | 1.64  | 88.4      | 20.6671 | 29.9391 |
| 2009 | 6     | 26  | 5    | 52     | 17     | 0.3       | 3       | 1.61  | 89.5      | 20.6671 | 29.3345 |
| 2009 | 6     | 26  | 6    | 2      | 17     | 0.3       | 3       | 1.63  | 89.2      | 20.6671 | 29.6368 |
| 2009 | 6     | 26  | 6    | 12     | 17     | 0.3       | 3       | 1.6   | 89.9      | 20.6671 | 29.1531 |
| 2009 | 6     | 26  | 6    | 22     | 17     | 0.3       | 3       | 1.59  | 87.5      | 20.6671 | 28.9114 |
| 2009 | 6     | 26  | 6    | 32     | 17     | 0.3       | 3       | 1.6   | 89.4      | 20.6671 | 29.0927 |
| 2009 | 6     | 26  | 6    | 42     | 17     | 0.3       | 3       | 1.61  | 89.9      | 20.6931 | 29.3723 |
| 2009 | 6     | 26  | 6    | 52     | 17     | 0.3       | 3       | 1.62  | 90.6      | 20.6671 | 29.4554 |
| 2009 | 6     | 26  | 7    | 2      | 17     | 0.3       | 3       | 1.62  | 90.3      | 20.6931 | 29.5538 |
| 2009 | 6     | 26  | 7    | 12     | 17     | 0.3       | 3       | 1.6   | 89.5      | 20.6671 | 29.2136 |
| 2009 | 6     | 26  | 7    | 22     | 17     | 0.3       | 3       | 1.6   | 88.5      | 20.6671 | 29.1531 |
| 2009 | 6     | 26  | 7    | 32     | 17     | 0.3       | 3       | 1.58  | 88.7      | 20.6671 | 28.7905 |
| 2009 | 6     | 26  | 7    | 42     | 17     | 0.3       | 3       | 1.65  | 90        | 20.6671 | 30.06   |
| 2009 | 6     | 26  | 7    | 52     | 17     | 0.3       | 3       | 1.61  | 88.7      | 20.6931 | 29.4328 |
| 2009 | 6     | 26  | 8    | 2      | 17     | 0.3       | 3       | 1.6   | 89.3      | 20.6931 | 29.1907 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 26  | 8    | 12     | 17     | 0.3       | 3       | 1.64  | 88.9      | 20.6931 | 29.9776 |
| 2009 | 6     | 26  | 8    | 22     | 17     | 0.3       | 3       | 1.62  | 87.7      | 20.6931 | 29.4328 |
| 2009 | 6     | 26  | 8    | 32     | 17     | 0.3       | 3       | 1.65  | 91        | 20.6931 | 30.0381 |
| 2009 | 6     | 26  | 8    | 42     | 17     | 0.3       | 3       | 1.61  | 89.3      | 20.6931 | 29.4328 |
| 2009 | 6     | 26  | 8    | 52     | 17     | 0.3       | 3       | 1.6   | 88.9      | 20.6931 | 29.2512 |
| 2009 | 6     | 26  | 9    | 2      | 17     | 0.3       | 3       | 1.6   | 89.9      | 20.6931 | 29.2512 |
| 2009 | 6     | 26  | 9    | 12     | 17     | 0.3       | 3       | 1.59  | 89.1      | 20.6931 | 28.9486 |
| 2009 | 6     | 26  | 9    | 22     | 17     | 0.3       | 3       | 1.63  | 89.1      | 20.6931 | 29.796  |
| 2009 | 6     | 26  | 9    | 32     | 17     | 0.3       | 3       | 1.57  | 89.9      | 20.6931 | 28.7065 |
| 2009 | 6     | 26  | 9    | 42     | 17     | 0.3       | 3       | 1.62  | 87.9      | 20.6931 | 29.5538 |
| 2009 | 6     | 26  | 9    | 52     | 17     | 0.3       | 3       | 1.63  | 88        | 20.6931 | 29.6749 |
| 2009 | 6     | 26  | 10   | 2      | 17     | 0.3       | 3       | 1.6   | 88.6      | 20.6931 | 29.2512 |
| 2009 | 6     | 26  | 10   | 12     | 17     | 0.3       | 3       | 1.6   | 90        | 20.6931 | 29.1907 |
| 2009 | 6     | 26  | 10   | 22     | 17     | 0.3       | 3       | 1.65  | 90.9      | 20.6931 | 30.0381 |
| 2009 | 6     | 26  | 10   | 32     | 17     | 0.3       | 3       | 1.64  | 89.5      | 20.6931 | 29.9171 |
| 2009 | 6     | 26  | 10   | 42     | 17     | 0.3       | 3       | 1.66  | 88.5      | 20.6931 | 30.2803 |
| 2009 | 6     | 26  | 10   | 52     | 17     | 0.3       | 3       | 1.61  | 87        | 20.6931 | 29.2512 |
| 2009 | 6     | 26  | 11   | 2      | 17     | 0.3       | 3       | 1.63  | 89.9      | 20.6931 | 29.6749 |
| 2009 | 6     | 26  | 11   | 12     | 17     | 0.3       | 3       | 1.59  | 88.3      | 20.6931 | 28.8881 |
| 2009 | 6     | 26  | 11   | 22     | 17     | 0.3       | 3       | 1.6   | 87.8      | 20.6931 | 29.1907 |
| 2009 | 6     | 26  | 11   | 32     | 17     | 0.3       | 3       | 1.62  | 90.3      | 20.7191 | 29.5312 |
| 2009 | 6     | 26  | 11   | 42     | 17     | 0.3       | 3       | 1.64  | 88.9      | 20.7191 | 29.9555 |
| 2009 | 6     | 26  | 11   | 52     | 17     | 0.3       | 3       | 1.59  | 88.7      | 20.7191 | 28.9858 |
| 2009 | 6     | 26  | 12   | 2      | 17     | 0.3       | 3       | 1.6   | 89.6      | 20.7191 | 29.2282 |
| 2009 | 6     | 26  | 12   | 12     | 17     | 0.3       | 3       | 1.62  | 89.9      | 20.7191 | 29.5312 |
| 2009 | 6     | 26  | 12   | 22     | 17     | 0.3       | 3       | 1.57  | 87.7      | 20.7191 | 28.6223 |
| 2009 | 6     | 26  | 12   | 32     | 17     | 0.3       | 3       | 1.63  | 90        | 20.7191 | 29.8343 |
| 2009 | 6     | 26  | 12   | 42     | 17     | 0.3       | 3       | 1.63  | 90        | 20.7191 | 29.8343 |
| 2009 | 6     | 26  | 12   | 52     | 17     | 0.3       | 3       | 1.64  | 90        | 20.7191 | 30.0162 |
| 2009 | 6     | 26  | 13   | 2      | 17     | 0.3       | 3       | 1.62  | 90.7      | 20.7191 | 29.6525 |
| 2009 | 6     | 26  | 13   | 12     | 17     | 0.3       | 3       | 1.62  | 90.1      | 20.7191 | 29.5312 |
| 2009 | 6     | 26  | 13   | 22     | 17     | 0.3       | 3       | 1.58  | 87.1      | 20.7191 | 28.804  |
| 2009 | 6     | 26  | 13   | 32     | 17     | 0.3       | 3       | 1.59  | 88.8      | 20.7451 | 29.1444 |
| 2009 | 6     | 26  | 13   | 42     | 17     | 0.3       | 3       | 1.6   | 88.4      | 20.7451 | 29.2051 |
| 2009 | 6     | 26  | 13   | 52     | 17     | 0.3       | 3       | 1.59  | 87.9      | 20.7451 | 29.0231 |
| 2009 | 6     | 26  | 14   | 2      | 17     | 0.3       | 3       | 1.6   | 89.4      | 20.7451 | 29.3264 |
| 2009 | 6     | 26  | 14   | 12     | 17     | 0.3       | 3       | 1.62  | 88.8      | 20.7451 | 29.6905 |
| 2009 | 6     | 26  | 14   | 22     | 17     | 0.3       | 3       | 1.61  | 89.6      | 20.7451 | 29.3871 |
| 2009 | 6     | 26  | 14   | 32     | 17     | 0.3       | 3       | 1.57  | 88.2      | 20.7451 | 28.659  |
| 2009 | 6     | 26  | 14   | 42     | 17     | 0.3       | 3       | 1.56  | 88.4      | 20.7451 | 28.4771 |
| 2009 | 6     | 26  | 14   | 52     | 17     | 0.3       | 3       | 1.57  | 88.8      | 20.7451 | 28.7197 |
| 2009 | 6     | 26  | 15   | 2      | 17     | 0.3       | 3       | 1.61  | 87.9      | 20.7451 | 29.3871 |
| 2009 | 6     | 26  | 15   | 12     | 17     | 0.3       | 3       | 1.61  | 89.4      | 20.7711 | 29.4248 |
| 2009 | 6     | 26  | 15   | 22     | 17     | 0.3       | 3       | 1.62  | 88.5      | 20.7711 | 29.6679 |
| 2009 | 6     | 26  | 15   | 32     | 17     | 0.3       | 3       | 1.6   | 89.6      | 20.7711 | 29.2426 |
| 2009 | 6     | 26  | 15   | 42     | 17     | 0.3       | 3       | 1.64  | 90        | 20.7711 | 29.9717 |
| 2009 | 6     | 26  | 15   | 52     | 17     | 0.3       | 3       | 1.58  | 88.9      | 20.7711 | 28.8173 |
| 2009 | 6     | 26  | 16   | 2      | 17     | 0.3       | 3       | 1.6   | 88.9      | 20.7711 | 29.3033 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 26  | 16   | 12     | 17     | 0.3       | 3       | 1.62  | 89.4      | 20.7711 | 29.6071 |
| 2009 | 6     | 26  | 16   | 22     | 17     | 0.3       | 3       | 1.64  | 89.8      | 20.7711 | 29.9717 |
| 2009 | 6     | 26  | 16   | 32     | 17     | 0.3       | 3       | 1.61  | 89.7      | 20.7971 | 29.5842 |
| 2009 | 6     | 26  | 16   | 42     | 17     | 0.3       | 3       | 1.57  | 88.3      | 20.7971 | 28.7326 |
| 2009 | 6     | 26  | 16   | 52     | 17     | 0.3       | 3       | 1.59  | 87.8      | 20.7971 | 29.0975 |
| 2009 | 6     | 26  | 17   | 2      | 17     | 0.3       | 3       | 1.69  | 89.8      | 20.7971 | 30.923  |
| 2009 | 6     | 26  | 17   | 12     | 17     | 0.3       | 3       | 1.63  | 88.7      | 20.7971 | 29.9493 |
| 2009 | 6     | 26  | 17   | 22     | 17     | 0.3       | 3       | 1.6   | 88.9      | 20.7971 | 29.3409 |
| 2009 | 6     | 26  | 17   | 32     | 17     | 0.3       | 3       | 1.64  | 89.4      | 20.7971 | 30.1318 |
| 2009 | 6     | 26  | 17   | 42     | 17     | 0.3       | 3       | 1.66  | 89.5      | 20.8231 | 30.536  |
| 2009 | 6     | 26  | 17   | 52     | 17     | 0.3       | 3       | 1.57  | 89.2      | 20.8231 | 28.8303 |
| 2009 | 6     | 26  | 18   | 2      | 17     | 0.3       | 3       | 1.6   | 88.5      | 20.8231 | 29.2566 |
| 2009 | 6     | 26  | 18   | 12     | 17     | 0.3       | 3       | 1.63  | 90.5      | 20.8231 | 29.9876 |
| 2009 | 6     | 26  | 18   | 22     | 17     | 0.3       | 3       | 1.58  | 87.5      | 20.8231 | 29.013  |
| 2009 | 6     | 26  | 18   | 32     | 17     | 0.3       | 3       | 1.6   | 88.8      | 20.8231 | 29.3175 |
| 2009 | 6     | 26  | 18   | 42     | 17     | 0.3       | 3       | 1.59  | 88.5      | 20.8491 | 29.1721 |
| 2009 | 6     | 26  | 18   | 52     | 17     | 0.3       | 3       | 1.65  | 89.9      | 20.8491 | 30.27   |
| 2009 | 6     | 26  | 19   | 2      | 17     | 0.3       | 3       | 1.65  | 90        | 20.8491 | 30.27   |
| 2009 | 6     | 26  | 19   | 12     | 17     | 0.3       | 3       | 1.56  | 88        | 20.8751 | 28.7209 |
| 2009 | 6     | 26  | 19   | 22     | 17     | 0.3       | 3       | 1.57  | 89.2      | 20.8751 | 28.9651 |
| 2009 | 6     | 26  | 19   | 32     | 17     | 0.3       | 3       | 1.6   | 89.3      | 20.8751 | 29.4536 |
| 2009 | 6     | 26  | 19   | 42     | 17     | 0.3       | 3       | 1.62  | 89.3      | 20.9011 | 29.8581 |
| 2009 | 6     | 26  | 19   | 52     | 17     | 0.3       | 3       | 1.62  | 89.2      | 20.9011 | 29.7969 |
| 2009 | 6     | 26  | 20   | 2      | 17     | 0.3       | 3       | 1.54  | 88.3      | 20.9271 | 28.3658 |
| 2009 | 6     | 26  | 20   | 12     | 17     | 0.3       | 3       | 1.61  | 89.6      | 20.9271 | 29.7124 |
| 2009 | 6     | 26  | 20   | 22     | 17     | 0.3       | 3       | 1.57  | 87        | 20.9532 | 28.8921 |
| 2009 | 6     | 26  | 20   | 32     | 17     | 0.3       | 3       | 1.59  | 87.9      | 20.9532 | 29.3824 |
| 2009 | 6     | 26  | 20   | 42     | 17     | 0.3       | 3       | 1.66  | 89.2      | 20.9532 | 30.6087 |
| 2009 | 6     | 26  | 20   | 52     | 17     | 0.3       | 3       | 1.66  | 89.3      | 20.9532 | 30.7313 |
| 2009 | 6     | 26  | 21   | 2      | 17     | 0.3       | 3       | 1.61  | 87.2      | 20.9792 | 29.6653 |
| 2009 | 6     | 26  | 21   | 12     | 17     | 0.3       | 3       | 1.67  | 89.7      | 20.9792 | 30.9546 |
| 2009 | 6     | 26  | 21   | 22     | 17     | 0.3       | 3       | 1.62  | 89.3      | 21.0052 | 29.9488 |
| 2009 | 6     | 26  | 21   | 32     | 17     | 0.3       | 3       | 1.57  | 88.9      | 21.0052 | 29.0885 |
| 2009 | 6     | 26  | 21   | 42     | 17     | 0.3       | 3       | 1.59  | 89.8      | 21.0052 | 29.3957 |
| 2009 | 6     | 26  | 21   | 52     | 17     | 0.3       | 3       | 1.65  | 90.8      | 21.0052 | 30.5021 |
| 2009 | 6     | 26  | 22   | 2      | 17     | 0.3       | 3       | 1.63  | 89.3      | 21.0052 | 30.1947 |
| 2009 | 6     | 26  | 22   | 12     | 17     | 0.3       | 3       | 1.65  | 89.3      | 21.0052 | 30.5635 |
| 2009 | 6     | 26  | 22   | 22     | 17     | 0.3       | 3       | 1.65  | 89.7      | 21.0312 | 30.6639 |
| 2009 | 6     | 26  | 22   | 32     | 17     | 0.3       | 3       | 1.63  | 89.2      | 21.0312 | 30.1715 |
| 2009 | 6     | 26  | 22   | 42     | 17     | 0.3       | 3       | 1.58  | 87.5      | 21.0312 | 29.2484 |
| 2009 | 6     | 26  | 22   | 52     | 17     | 0.3       | 3       | 1.6   | 88.5      | 21.0312 | 29.5561 |
| 2009 | 6     | 26  | 23   | 2      | 17     | 0.3       | 3       | 1.61  | 90.1      | 21.0312 | 29.8022 |
| 2009 | 6     | 26  | 23   | 12     | 17     | 0.3       | 3       | 1.61  | 87.2      | 21.0312 | 29.7407 |
| 2009 | 6     | 26  | 23   | 22     | 17     | 0.3       | 3       | 1.63  | 90        | 21.0573 | 30.2097 |
| 2009 | 6     | 26  | 23   | 32     | 17     | 0.3       | 3       | 1.59  | 89.1      | 21.0573 | 29.5935 |
| 2009 | 6     | 26  | 23   | 42     | 17     | 0.3       | 3       | 1.6   | 89.5      | 21.0573 | 29.7168 |
| 2009 | 6     | 26  | 23   | 52     | 17     | 0.3       | 3       | 1.61  | 90        | 21.0573 | 29.9632 |
| 2009 | 6     | 27  | 0    | 2      | 17     | 0.3       | 3       | 1.63  | 90        | 21.0573 | 30.333  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 27  | 0    | 12     | 17     | 0.3       | 3       | 1.63  | 89.7      | 21.0573 | 30.333  |
| 2009 | 6     | 27  | 0    | 22     | 17     | 0.3       | 3       | 1.63  | 90.3      | 21.0573 | 30.333  |
| 2009 | 6     | 27  | 0    | 32     | 17     | 0.3       | 3       | 1.64  | 89.1      | 21.0573 | 30.3946 |
| 2009 | 6     | 27  | 0    | 42     | 17     | 0.3       | 3       | 1.65  | 87.6      | 21.0833 | 30.6182 |
| 2009 | 6     | 27  | 0    | 52     | 17     | 0.3       | 3       | 1.57  | 87.5      | 21.0833 | 29.1992 |
| 2009 | 6     | 27  | 1    | 2      | 17     | 0.3       | 3       | 1.6   | 88.6      | 21.0573 | 29.6551 |
| 2009 | 6     | 27  | 1    | 12     | 17     | 0.3       | 3       | 1.59  | 88.1      | 21.0833 | 29.4459 |
| 2009 | 6     | 27  | 1    | 22     | 17     | 0.3       | 3       | 1.6   | 87.8      | 21.0833 | 29.6927 |
| 2009 | 6     | 27  | 1    | 32     | 17     | 0.3       | 3       | 1.64  | 89.5      | 21.0833 | 30.5565 |
| 2009 | 6     | 27  | 1    | 42     | 17     | 0.3       | 3       | 1.58  | 86.7      | 21.0833 | 29.2609 |
| 2009 | 6     | 27  | 1    | 52     | 17     | 0.3       | 3       | 1.65  | 89.3      | 21.0833 | 30.7416 |
| 2009 | 6     | 27  | 2    | 2      | 17     | 0.3       | 3       | 1.65  | 87.9      | 21.0833 | 30.6182 |
| 2009 | 6     | 27  | 2    | 12     | 17     | 0.3       | 3       | 1.62  | 88.8      | 21.0833 | 30.1245 |
| 2009 | 6     | 27  | 2    | 22     | 17     | 0.3       | 3       | 1.63  | 90.5      | 21.0833 | 30.2479 |
| 2009 | 6     | 27  | 2    | 32     | 17     | 0.3       | 3       | 1.59  | 88.8      | 21.0833 | 29.631  |
| 2009 | 6     | 27  | 2    | 42     | 17     | 0.3       | 3       | 1.62  | 90.3      | 21.0833 | 30.0628 |
| 2009 | 6     | 27  | 2    | 52     | 17     | 0.3       | 3       | 1.63  | 88.7      | 21.0833 | 30.3096 |
| 2009 | 6     | 27  | 3    | 2      | 17     | 0.3       | 3       | 1.59  | 88.8      | 21.1093 | 29.6685 |
| 2009 | 6     | 27  | 3    | 12     | 17     | 0.3       | 3       | 1.56  | 86.9      | 21.0833 | 28.8909 |
| 2009 | 6     | 27  | 3    | 22     | 17     | 0.3       | 3       | 1.64  | 87.5      | 21.1093 | 30.4098 |
| 2009 | 6     | 27  | 3    | 32     | 17     | 0.3       | 3       | 1.57  | 88.4      | 21.1093 | 29.2361 |
| 2009 | 6     | 27  | 3    | 42     | 17     | 0.3       | 3       | 1.57  | 88.3      | 21.1093 | 29.1744 |
| 2009 | 6     | 27  | 3    | 52     | 17     | 0.3       | 3       | 1.57  | 89.4      | 21.1093 | 29.2361 |
| 2009 | 6     | 27  | 4    | 2      | 17     | 0.3       | 3       | 1.58  | 88        | 21.1093 | 29.4214 |
| 2009 | 6     | 27  | 4    | 12     | 17     | 0.3       | 3       | 1.62  | 88        | 21.1354 | 30.077  |
| 2009 | 6     | 27  | 4    | 22     | 17     | 0.3       | 3       | 1.63  | 90        | 21.1354 | 30.4482 |
| 2009 | 6     | 27  | 4    | 32     | 17     | 0.3       | 3       | 1.64  | 89.5      | 21.1354 | 30.51   |
| 2009 | 6     | 27  | 4    | 42     | 17     | 0.3       | 3       | 1.64  | 89.3      | 21.1614 | 30.6105 |
| 2009 | 6     | 27  | 4    | 52     | 17     | 0.3       | 3       | 1.64  | 87.7      | 21.1614 | 30.4866 |
| 2009 | 6     | 27  | 5    | 2      | 17     | 0.3       | 3       | 1.6   | 89.8      | 21.1875 | 29.8429 |
| 2009 | 6     | 27  | 5    | 12     | 17     | 0.3       | 3       | 1.62  | 90.1      | 21.2135 | 30.3151 |
| 2009 | 6     | 27  | 5    | 22     | 17     | 0.3       | 3       | 1.66  | 89.3      | 21.2135 | 31.1223 |
| 2009 | 6     | 27  | 5    | 32     | 17     | 0.3       | 3       | 1.59  | 89.1      | 21.2396 | 29.7937 |
| 2009 | 6     | 27  | 5    | 42     | 17     | 0.3       | 3       | 1.61  | 86.6      | 21.2656 | 30.2046 |
| 2009 | 6     | 27  | 5    | 52     | 17     | 0.3       | 3       | 1.62  | 88.7      | 21.2656 | 30.3913 |
| 2009 | 6     | 27  | 6    | 2      | 17     | 0.3       | 3       | 1.6   | 88.9      | 21.2656 | 30.0801 |
| 2009 | 6     | 27  | 6    | 12     | 17     | 0.3       | 3       | 1.58  | 89.1      | 21.2656 | 29.7067 |
| 2009 | 6     | 27  | 6    | 22     | 17     | 0.3       | 3       | 1.57  | 89.6      | 21.2656 | 29.4578 |
| 2009 | 6     | 27  | 6    | 32     | 17     | 0.3       | 3       | 1.59  | 88.8      | 21.2917 | 29.8063 |
| 2009 | 6     | 27  | 6    | 42     | 17     | 0.3       | 3       | 1.57  | 89.8      | 21.2917 | 29.4325 |
| 2009 | 6     | 27  | 6    | 52     | 17     | 0.3       | 3       | 1.66  | 89.3      | 21.2917 | 31.2398 |
| 2009 | 6     | 27  | 7    | 2      | 17     | 0.3       | 3       | 1.62  | 89.1      | 21.2917 | 30.4918 |
| 2009 | 6     | 27  | 7    | 12     | 17     | 0.3       | 3       | 1.62  | 88.7      | 21.2917 | 30.4918 |
| 2009 | 6     | 27  | 7    | 22     | 17     | 0.3       | 3       | 1.64  | 88.5      | 21.2917 | 30.7411 |
| 2009 | 6     | 27  | 7    | 32     | 17     | 0.3       | 3       | 1.63  | 89.9      | 21.2917 | 30.6787 |
| 2009 | 6     | 27  | 7    | 42     | 17     | 0.3       | 3       | 1.66  | 90.1      | 21.3177 | 31.1541 |
| 2009 | 6     | 27  | 7    | 52     | 17     | 0.3       | 3       | 1.62  | 89.3      | 21.3177 | 30.53   |
| 2009 | 6     | 27  | 8    | 2      | 17     | 0.3       | 3       | 1.64  | 88.9      | 21.3177 | 30.9044 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 27  | 8    | 12     | 17     | 0.3       | 3       | 1.66  | 89.8      | 21.3177 | 31.2165 |
| 2009 | 6     | 27  | 8    | 22     | 17     | 0.3       | 3       | 1.58  | 88.8      | 21.3177 | 29.5941 |
| 2009 | 6     | 27  | 8    | 32     | 17     | 0.3       | 3       | 1.62  | 89.2      | 21.3177 | 30.4676 |
| 2009 | 6     | 27  | 8    | 42     | 17     | 0.3       | 3       | 1.57  | 88.3      | 21.3177 | 29.5317 |
| 2009 | 6     | 27  | 8    | 52     | 17     | 0.3       | 3       | 1.63  | 89.2      | 21.3177 | 30.5924 |
| 2009 | 6     | 27  | 9    | 2      | 17     | 0.3       | 3       | 1.55  | 87.6      | 21.3177 | 29.0328 |
| 2009 | 6     | 27  | 9    | 12     | 17     | 0.3       | 3       | 1.6   | 89.9      | 21.3438 | 30.1309 |
| 2009 | 6     | 27  | 9    | 22     | 17     | 0.3       | 3       | 1.63  | 89.4      | 21.3438 | 30.7557 |
| 2009 | 6     | 27  | 9    | 32     | 17     | 0.3       | 3       | 1.61  | 89.5      | 21.3438 | 30.2558 |
| 2009 | 6     | 27  | 9    | 42     | 17     | 0.3       | 3       | 1.59  | 90        | 21.3438 | 30.006  |
| 2009 | 6     | 27  | 9    | 52     | 17     | 0.3       | 3       | 1.6   | 90        | 21.3438 | 30.0684 |
| 2009 | 6     | 27  | 10   | 2      | 17     | 0.3       | 3       | 1.63  | 89.2      | 21.3438 | 30.7557 |
| 2009 | 6     | 27  | 10   | 12     | 17     | 0.3       | 3       | 1.67  | 90.7      | 21.3438 | 31.3806 |
| 2009 | 6     | 27  | 10   | 22     | 17     | 0.3       | 3       | 1.59  | 89.4      | 21.3438 | 29.881  |
| 2009 | 6     | 27  | 10   | 32     | 17     | 0.3       | 3       | 1.6   | 88.8      | 21.3698 | 30.1686 |
| 2009 | 6     | 27  | 10   | 42     | 17     | 0.3       | 3       | 1.6   | 88.4      | 21.3698 | 30.2311 |
| 2009 | 6     | 27  | 10   | 52     | 17     | 0.3       | 3       | 1.63  | 90.1      | 21.3698 | 30.7316 |
| 2009 | 6     | 27  | 11   | 2      | 17     | 0.3       | 3       | 1.57  | 90        | 21.3698 | 29.5432 |
| 2009 | 6     | 27  | 11   | 12     | 17     | 0.3       | 3       | 1.6   | 89.4      | 21.3698 | 30.2311 |
| 2009 | 6     | 27  | 11   | 22     | 17     | 0.3       | 3       | 1.66  | 90        | 21.3698 | 31.2321 |
| 2009 | 6     | 27  | 11   | 32     | 17     | 0.3       | 3       | 1.61  | 88.5      | 21.3698 | 30.3562 |
| 2009 | 6     | 27  | 11   | 42     | 17     | 0.3       | 3       | 1.64  | 88.3      | 21.3959 | 30.8952 |
| 2009 | 6     | 27  | 11   | 52     | 17     | 0.3       | 3       | 1.6   | 88.9      | 21.3959 | 30.1436 |
| 2009 | 6     | 27  | 12   | 2      | 17     | 0.3       | 3       | 1.63  | 89.3      | 21.3959 | 30.77   |
| 2009 | 6     | 27  | 12   | 12     | 17     | 0.3       | 3       | 1.61  | 88.4      | 21.3959 | 30.4568 |
| 2009 | 6     | 27  | 12   | 22     | 17     | 0.3       | 3       | 1.63  | 89.9      | 21.3959 | 30.7073 |
| 2009 | 6     | 27  | 12   | 32     | 17     | 0.3       | 3       | 1.61  | 89.7      | 21.422  | 30.4948 |
| 2009 | 6     | 27  | 12   | 42     | 17     | 0.3       | 3       | 1.63  | 88.8      | 21.422  | 30.7456 |
| 2009 | 6     | 27  | 12   | 52     | 17     | 0.3       | 3       | 1.6   | 87.2      | 21.448  | 30.2189 |
| 2009 | 6     | 27  | 13   | 2      | 17     | 0.3       | 3       | 1.59  | 88.7      | 21.448  | 30.1561 |
| 2009 | 6     | 27  | 13   | 12     | 17     | 0.3       | 3       | 1.6   | 89.1      | 21.4741 | 30.3193 |
| 2009 | 6     | 27  | 13   | 22     | 17     | 0.3       | 3       | 1.63  | 88.8      | 21.448  | 30.7839 |
| 2009 | 6     | 27  | 13   | 32     | 17     | 0.3       | 3       | 1.57  | 88.3      | 21.4741 | 29.7537 |
| 2009 | 6     | 27  | 13   | 42     | 17     | 0.3       | 3       | 1.64  | 89.9      | 21.4741 | 31.0738 |
| 2009 | 6     | 27  | 13   | 52     | 17     | 0.3       | 3       | 1.64  | 87.1      | 21.4741 | 30.948  |
| 2009 | 6     | 27  | 14   | 2      | 17     | 0.3       | 3       | 1.63  | 87.8      | 21.4741 | 30.8852 |
| 2009 | 6     | 27  | 14   | 12     | 17     | 0.3       | 3       | 1.65  | 88.5      | 21.4741 | 31.1995 |
| 2009 | 6     | 27  | 14   | 22     | 17     | 0.3       | 3       | 1.6   | 89.8      | 21.5002 | 30.3571 |
| 2009 | 6     | 27  | 14   | 32     | 17     | 0.3       | 3       | 1.63  | 89.3      | 21.5002 | 30.8606 |
| 2009 | 6     | 27  | 14   | 42     | 17     | 0.3       | 3       | 1.65  | 89.8      | 21.5002 | 31.2383 |
| 2009 | 6     | 27  | 14   | 52     | 17     | 0.3       | 3       | 1.62  | 88.4      | 21.5263 | 30.8359 |
| 2009 | 6     | 27  | 15   | 2      | 17     | 0.3       | 3       | 1.59  | 88.5      | 21.5002 | 30.1053 |
| 2009 | 6     | 27  | 15   | 12     | 17     | 0.3       | 3       | 1.61  | 89.3      | 21.5263 | 30.5838 |
| 2009 | 6     | 27  | 15   | 22     | 17     | 0.3       | 3       | 1.69  | 89.1      | 21.5263 | 32.0967 |
| 2009 | 6     | 27  | 15   | 32     | 17     | 0.3       | 3       | 1.62  | 89.7      | 21.5263 | 30.7729 |
| 2009 | 6     | 27  | 15   | 42     | 17     | 0.3       | 3       | 1.58  | 87.9      | 21.5523 | 29.9909 |
| 2009 | 6     | 27  | 15   | 52     | 17     | 0.3       | 3       | 1.66  | 89.7      | 21.5523 | 31.5684 |
| 2009 | 6     | 27  | 16   | 2      | 17     | 0.3       | 3       | 1.63  | 90        | 21.5523 | 30.9373 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 27  | 16   | 12     | 17     | 0.3       | 3       | 1.63  | 88.3      | 21.5523 | 30.9373 |
| 2009 | 6     | 27  | 16   | 22     | 17     | 0.3       | 3       | 1.62  | 90.3      | 21.5784 | 30.7861 |
| 2009 | 6     | 27  | 16   | 32     | 17     | 0.3       | 3       | 1.64  | 88.4      | 21.5784 | 31.1652 |
| 2009 | 6     | 27  | 16   | 42     | 17     | 0.3       | 3       | 1.6   | 87.3      | 21.5784 | 30.4702 |
| 2009 | 6     | 27  | 16   | 52     | 17     | 0.3       | 3       | 1.62  | 90.3      | 21.6045 | 30.8242 |
| 2009 | 6     | 27  | 17   | 2      | 17     | 0.3       | 3       | 1.56  | 90.5      | 21.5784 | 29.7123 |
| 2009 | 6     | 27  | 17   | 12     | 17     | 0.3       | 3       | 1.62  | 88.4      | 21.6045 | 30.8242 |
| 2009 | 6     | 27  | 17   | 22     | 17     | 0.3       | 3       | 1.68  | 90        | 21.6045 | 31.9631 |
| 2009 | 6     | 27  | 17   | 32     | 17     | 0.3       | 3       | 1.62  | 89.9      | 21.6045 | 30.8242 |
| 2009 | 6     | 27  | 17   | 42     | 17     | 0.3       | 3       | 1.65  | 89.3      | 21.6045 | 31.3936 |
| 2009 | 6     | 27  | 17   | 52     | 17     | 0.3       | 3       | 1.66  | 89.2      | 21.6045 | 31.5834 |
| 2009 | 6     | 27  | 18   | 2      | 17     | 0.3       | 3       | 1.58  | 88.3      | 21.6306 | 30.1657 |
| 2009 | 6     | 27  | 18   | 12     | 17     | 0.3       | 3       | 1.61  | 88.9      | 21.6306 | 30.6723 |
| 2009 | 6     | 27  | 18   | 22     | 17     | 0.3       | 3       | 1.6   | 89.8      | 21.6306 | 30.5457 |
| 2009 | 6     | 27  | 18   | 32     | 17     | 0.3       | 3       | 1.66  | 89.7      | 21.6306 | 31.6225 |
| 2009 | 6     | 27  | 18   | 42     | 17     | 0.3       | 3       | 1.68  | 88.5      | 21.6567 | 32.169  |
| 2009 | 6     | 27  | 18   | 52     | 17     | 0.3       | 3       | 1.64  | 89.5      | 21.6567 | 31.281  |
| 2009 | 6     | 27  | 19   | 2      | 17     | 0.3       | 3       | 1.65  | 88.9      | 21.6567 | 31.5347 |
| 2009 | 6     | 27  | 19   | 12     | 17     | 0.3       | 3       | 1.59  | 88.7      | 21.6567 | 30.3932 |
| 2009 | 6     | 27  | 19   | 22     | 17     | 0.3       | 3       | 1.6   | 89.2      | 21.6567 | 30.52   |
| 2009 | 6     | 27  | 19   | 32     | 17     | 0.3       | 3       | 1.65  | 89.7      | 21.6828 | 31.5101 |
| 2009 | 6     | 27  | 19   | 42     | 17     | 0.3       | 3       | 1.6   | 88.8      | 21.6828 | 30.6846 |
| 2009 | 6     | 27  | 19   | 52     | 17     | 0.3       | 3       | 1.59  | 89.4      | 21.6828 | 30.4307 |
| 2009 | 6     | 27  | 20   | 2      | 17     | 0.3       | 3       | 1.63  | 89.7      | 21.6828 | 31.1291 |
| 2009 | 6     | 27  | 20   | 12     | 17     | 0.3       | 3       | 1.65  | 88.7      | 21.6828 | 31.5736 |
| 2009 | 6     | 27  | 20   | 22     | 17     | 0.3       | 3       | 1.65  | 89.5      | 21.6828 | 31.5736 |
| 2009 | 6     | 27  | 20   | 32     | 17     | 0.3       | 3       | 1.68  | 90        | 21.6828 | 32.0817 |
| 2009 | 6     | 27  | 20   | 42     | 17     | 0.3       | 3       | 1.65  | 89        | 21.7089 | 31.6125 |
| 2009 | 6     | 27  | 20   | 52     | 17     | 0.3       | 3       | 1.61  | 89.2      | 21.7089 | 30.9132 |
| 2009 | 6     | 27  | 21   | 2      | 17     | 0.3       | 3       | 1.65  | 89.7      | 21.7089 | 31.6761 |
| 2009 | 6     | 27  | 21   | 12     | 17     | 0.3       | 3       | 1.6   | 88.8      | 21.7089 | 30.5953 |
| 2009 | 6     | 27  | 21   | 22     | 17     | 0.3       | 3       | 1.58  | 88.8      | 21.7089 | 30.2776 |
| 2009 | 6     | 27  | 21   | 32     | 17     | 0.3       | 3       | 1.59  | 89.2      | 21.7089 | 30.4047 |
| 2009 | 6     | 27  | 21   | 42     | 17     | 0.3       | 3       | 1.62  | 88.1      | 21.7089 | 31.0403 |
| 2009 | 6     | 27  | 21   | 52     | 17     | 0.3       | 3       | 1.62  | 89.1      | 21.7089 | 31.0403 |
| 2009 | 6     | 27  | 22   | 2      | 17     | 0.3       | 3       | 1.64  | 89.2      | 21.7089 | 31.4853 |
| 2009 | 6     | 27  | 22   | 12     | 17     | 0.3       | 3       | 1.64  | 88.4      | 21.7089 | 31.4853 |
| 2009 | 6     | 27  | 22   | 22     | 17     | 0.3       | 3       | 1.59  | 88.9      | 21.735  | 30.5694 |
| 2009 | 6     | 27  | 22   | 32     | 17     | 0.3       | 3       | 1.64  | 90.2      | 21.735  | 31.3968 |
| 2009 | 6     | 27  | 22   | 42     | 17     | 0.3       | 3       | 1.59  | 88.7      | 21.735  | 30.5694 |
| 2009 | 6     | 27  | 22   | 52     | 17     | 0.3       | 3       | 1.57  | 88.3      | 21.735  | 30.124  |
| 2009 | 6     | 27  | 23   | 2      | 17     | 0.3       | 3       | 1.62  | 89.7      | 21.735  | 31.1422 |
| 2009 | 6     | 27  | 23   | 12     | 17     | 0.3       | 3       | 1.61  | 89        | 21.735  | 30.9512 |
| 2009 | 6     | 27  | 23   | 22     | 17     | 0.3       | 3       | 1.65  | 88.3      | 21.735  | 31.6514 |
| 2009 | 6     | 27  | 23   | 32     | 17     | 0.3       | 3       | 1.61  | 89.8      | 21.735  | 30.824  |
| 2009 | 6     | 27  | 23   | 42     | 17     | 0.3       | 3       | 1.63  | 88.7      | 21.735  | 31.2695 |
| 2009 | 6     | 27  | 23   | 52     | 17     | 0.3       | 3       | 1.63  | 89.1      | 21.735  | 31.2695 |
| 2009 | 6     | 28  | 0    | 2      | 17     | 0.3       | 3       | 1.61  | 88        | 21.735  | 30.7603 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 28  | 0    | 12     | 17     | 0.3       | 3       | 1.63  | 89.2      | 21.735  | 31.2058 |
| 2009 | 6     | 28  | 0    | 22     | 17     | 0.3       | 3       | 1.63  | 90        | 21.735  | 31.2058 |
| 2009 | 6     | 28  | 0    | 32     | 17     | 0.3       | 3       | 1.62  | 88.8      | 21.735  | 31.1422 |
| 2009 | 6     | 28  | 0    | 42     | 17     | 0.3       | 3       | 1.61  | 88.5      | 21.735  | 30.8876 |
| 2009 | 6     | 28  | 0    | 52     | 17     | 0.3       | 3       | 1.59  | 89.9      | 21.735  | 30.4421 |
| 2009 | 6     | 28  | 1    | 2      | 17     | 0.3       | 3       | 1.63  | 89        | 21.735  | 31.3331 |
| 2009 | 6     | 28  | 1    | 12     | 17     | 0.3       | 3       | 1.65  | 90        | 21.735  | 31.6514 |
| 2009 | 6     | 28  | 1    | 22     | 17     | 0.3       | 3       | 1.61  | 90        | 21.7611 | 30.8619 |
| 2009 | 6     | 28  | 1    | 32     | 17     | 0.3       | 3       | 1.59  | 88.8      | 21.7611 | 30.4796 |
| 2009 | 6     | 28  | 1    | 42     | 17     | 0.3       | 3       | 1.62  | 87.7      | 21.7611 | 30.9893 |
| 2009 | 6     | 28  | 1    | 52     | 17     | 0.3       | 3       | 1.62  | 89.7      | 21.7611 | 31.1168 |
| 2009 | 6     | 28  | 2    | 2      | 17     | 0.3       | 3       | 1.61  | 87.3      | 21.7611 | 30.7981 |
| 2009 | 6     | 28  | 2    | 12     | 17     | 0.3       | 3       | 1.61  | 89.2      | 21.7611 | 30.9893 |
| 2009 | 6     | 28  | 2    | 22     | 17     | 0.3       | 3       | 1.6   | 89.1      | 21.7611 | 30.7981 |
| 2009 | 6     | 28  | 2    | 32     | 17     | 0.3       | 3       | 1.64  | 89        | 21.7611 | 31.5629 |
| 2009 | 6     | 28  | 2    | 42     | 17     | 0.3       | 3       | 1.62  | 90.7      | 21.7611 | 31.053  |
| 2009 | 6     | 28  | 2    | 52     | 17     | 0.3       | 3       | 1.59  | 89.2      | 21.7611 | 30.4796 |
| 2009 | 6     | 28  | 3    | 2      | 17     | 0.3       | 3       | 1.62  | 89.4      | 21.7611 | 31.1805 |
| 2009 | 6     | 28  | 3    | 12     | 17     | 0.3       | 3       | 1.61  | 88.5      | 21.7611 | 30.9893 |
| 2009 | 6     | 28  | 3    | 22     | 17     | 0.3       | 3       | 1.61  | 89.3      | 21.7611 | 30.9256 |
| 2009 | 6     | 28  | 3    | 32     | 17     | 0.3       | 3       | 1.62  | 88.7      | 21.7611 | 31.1168 |
| 2009 | 6     | 28  | 3    | 42     | 17     | 0.3       | 3       | 1.61  | 89.9      | 21.7611 | 30.8619 |
| 2009 | 6     | 28  | 3    | 52     | 17     | 0.3       | 3       | 1.59  | 87.8      | 21.7611 | 30.4796 |
| 2009 | 6     | 28  | 4    | 2      | 17     | 0.3       | 3       | 1.61  | 88.4      | 21.7611 | 30.8619 |
| 2009 | 6     | 28  | 4    | 12     | 17     | 0.3       | 3       | 1.61  | 88.5      | 21.7611 | 30.8619 |
| 2009 | 6     | 28  | 4    | 22     | 17     | 0.3       | 3       | 1.61  | 88        | 21.7872 | 30.9636 |
| 2009 | 6     | 28  | 4    | 32     | 17     | 0.3       | 3       | 1.62  | 88.4      | 21.7872 | 31.0912 |
| 2009 | 6     | 28  | 4    | 42     | 17     | 0.3       | 3       | 1.64  | 90.3      | 21.7872 | 31.474  |
| 2009 | 6     | 28  | 4    | 52     | 17     | 0.3       | 3       | 1.62  | 88        | 21.7872 | 31.0912 |
| 2009 | 6     | 28  | 5    | 2      | 17     | 0.3       | 3       | 1.68  | 88.8      | 21.8133 | 32.2795 |
| 2009 | 6     | 28  | 5    | 12     | 17     | 0.3       | 3       | 1.59  | 88.3      | 21.8394 | 30.5919 |
| 2009 | 6     | 28  | 5    | 22     | 17     | 0.3       | 3       | 1.6   | 89.8      | 21.8394 | 30.9117 |
| 2009 | 6     | 28  | 5    | 32     | 17     | 0.3       | 3       | 1.61  | 89        | 21.8133 | 31.0655 |
| 2009 | 6     | 28  | 5    | 42     | 17     | 0.3       | 3       | 1.61  | 90        | 21.8394 | 31.1036 |
| 2009 | 6     | 28  | 5    | 52     | 17     | 0.3       | 3       | 1.62  | 89.5      | 21.8394 | 31.2954 |
| 2009 | 6     | 28  | 6    | 2      | 17     | 0.3       | 3       | 1.62  | 89.7      | 21.8655 | 31.2697 |
| 2009 | 6     | 28  | 6    | 12     | 17     | 0.3       | 3       | 1.6   | 90.5      | 21.8655 | 30.9495 |
| 2009 | 6     | 28  | 6    | 22     | 17     | 0.3       | 3       | 1.64  | 88        | 21.8655 | 31.5899 |
| 2009 | 6     | 28  | 6    | 32     | 17     | 0.3       | 3       | 1.63  | 89.5      | 21.8655 | 31.5259 |
| 2009 | 6     | 28  | 6    | 42     | 17     | 0.3       | 3       | 1.6   | 88.6      | 21.8916 | 30.9874 |
| 2009 | 6     | 28  | 6    | 52     | 17     | 0.3       | 3       | 1.64  | 90.1      | 21.8916 | 31.7569 |
| 2009 | 6     | 28  | 7    | 2      | 17     | 0.3       | 3       | 1.62  | 88.8      | 21.8916 | 31.308  |
| 2009 | 6     | 28  | 7    | 12     | 17     | 0.3       | 3       | 1.6   | 89.6      | 21.8916 | 30.9233 |
| 2009 | 6     | 28  | 7    | 22     | 17     | 0.3       | 3       | 1.64  | 88.5      | 21.8916 | 31.6927 |
| 2009 | 6     | 28  | 7    | 32     | 17     | 0.3       | 3       | 1.64  | 90.5      | 21.8916 | 31.7569 |
| 2009 | 6     | 28  | 7    | 42     | 17     | 0.3       | 3       | 1.62  | 90        | 21.8916 | 31.2439 |
| 2009 | 6     | 28  | 7    | 52     | 17     | 0.3       | 3       | 1.64  | 90        | 21.8916 | 31.6927 |
| 2009 | 6     | 28  | 8    | 2      | 17     | 0.3       | 3       | 1.61  | 89.3      | 21.8916 | 31.0515 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 28  | 8    | 12     | 17     | 0.3       | 3       | 1.61  | 88.7      | 21.8916 | 31.1156 |
| 2009 | 6     | 28  | 8    | 22     | 17     | 0.3       | 3       | 1.61  | 89.4      | 21.9177 | 31.1537 |
| 2009 | 6     | 28  | 8    | 32     | 17     | 0.3       | 3       | 1.63  | 90.2      | 21.8916 | 31.4362 |
| 2009 | 6     | 28  | 8    | 42     | 17     | 0.3       | 3       | 1.61  | 88.8      | 21.8916 | 31.0515 |
| 2009 | 6     | 28  | 8    | 52     | 17     | 0.3       | 3       | 1.56  | 88        | 21.9177 | 30.1909 |
| 2009 | 6     | 28  | 9    | 2      | 17     | 0.3       | 3       | 1.55  | 88.5      | 21.9177 | 29.9984 |
| 2009 | 6     | 28  | 9    | 12     | 17     | 0.3       | 3       | 1.63  | 90.2      | 21.9177 | 31.5388 |
| 2009 | 6     | 28  | 9    | 22     | 17     | 0.3       | 3       | 1.59  | 87.9      | 21.9177 | 30.7043 |
| 2009 | 6     | 28  | 9    | 32     | 17     | 0.3       | 3       | 1.62  | 88.8      | 21.9177 | 31.282  |
| 2009 | 6     | 28  | 9    | 42     | 17     | 0.3       | 3       | 1.65  | 89.7      | 21.8916 | 31.821  |
| 2009 | 6     | 28  | 9    | 52     | 17     | 0.3       | 3       | 1.65  | 90.8      | 21.9177 | 31.8599 |
| 2009 | 6     | 28  | 10   | 2      | 17     | 0.3       | 3       | 1.65  | 90.1      | 21.9177 | 31.9883 |
| 2009 | 6     | 28  | 10   | 12     | 17     | 0.3       | 3       | 1.64  | 89        | 21.9177 | 31.7314 |
| 2009 | 6     | 28  | 10   | 22     | 17     | 0.3       | 3       | 1.64  | 90.1      | 21.9177 | 31.7314 |
| 2009 | 6     | 28  | 10   | 32     | 17     | 0.3       | 3       | 1.6   | 88.8      | 21.9177 | 31.0253 |
| 2009 | 6     | 28  | 10   | 42     | 17     | 0.3       | 3       | 1.57  | 88        | 21.9177 | 30.3834 |
| 2009 | 6     | 28  | 10   | 52     | 17     | 0.3       | 3       | 1.57  | 89.5      | 21.9177 | 30.3834 |
| 2009 | 6     | 28  | 11   | 2      | 17     | 0.3       | 3       | 1.6   | 88.6      | 21.9177 | 31.0253 |
| 2009 | 6     | 28  | 11   | 12     | 17     | 0.3       | 3       | 1.6   | 88.8      | 21.9177 | 30.8969 |
| 2009 | 6     | 28  | 11   | 22     | 17     | 0.3       | 3       | 1.66  | 90.2      | 21.9177 | 32.1809 |
| 2009 | 6     | 28  | 11   | 32     | 17     | 0.3       | 3       | 1.6   | 90        | 21.9177 | 30.9611 |
| 2009 | 6     | 28  | 11   | 42     | 17     | 0.3       | 3       | 1.59  | 89.4      | 21.9177 | 30.8327 |
| 2009 | 6     | 28  | 11   | 52     | 17     | 0.3       | 3       | 1.6   | 89.1      | 21.9177 | 30.9611 |
| 2009 | 6     | 28  | 12   | 2      | 17     | 0.3       | 3       | 1.58  | 87.7      | 21.9177 | 30.576  |
| 2009 | 6     | 28  | 12   | 12     | 17     | 0.3       | 3       | 1.67  | 89        | 21.9177 | 32.3094 |
| 2009 | 6     | 28  | 12   | 22     | 17     | 0.3       | 3       | 1.6   | 88.2      | 21.9177 | 30.8969 |
| 2009 | 6     | 28  | 12   | 32     | 17     | 0.3       | 3       | 1.63  | 88.6      | 21.9177 | 31.5388 |
| 2009 | 6     | 28  | 12   | 42     | 17     | 0.3       | 3       | 1.61  | 89.4      | 21.9177 | 31.0895 |
| 2009 | 6     | 28  | 12   | 52     | 17     | 0.3       | 3       | 1.63  | 88.8      | 21.9177 | 31.5388 |
| 2009 | 6     | 28  | 13   | 2      | 17     | 0.3       | 3       | 1.61  | 88.5      | 21.9177 | 31.1537 |
| 2009 | 6     | 28  | 13   | 12     | 17     | 0.3       | 3       | 1.65  | 89        | 21.9177 | 31.8599 |
| 2009 | 6     | 28  | 13   | 22     | 17     | 0.3       | 3       | 1.61  | 88.3      | 21.9177 | 31.2178 |
| 2009 | 6     | 28  | 13   | 32     | 17     | 0.3       | 3       | 1.63  | 87.6      | 21.9177 | 31.4746 |
| 2009 | 6     | 28  | 13   | 42     | 17     | 0.3       | 3       | 1.61  | 86.3      | 21.9177 | 31.1537 |
| 2009 | 6     | 28  | 13   | 52     | 17     | 0.3       | 3       | 1.64  | 88.5      | 21.9177 | 31.7314 |
| 2009 | 6     | 28  | 14   | 2      | 17     | 0.3       | 3       | 1.59  | 89.6      | 21.9177 | 30.8327 |
| 2009 | 6     | 28  | 14   | 12     | 17     | 0.3       | 3       | 1.61  | 87.9      | 21.9177 | 31.0253 |
| 2009 | 6     | 28  | 14   | 22     | 17     | 0.3       | 3       | 1.63  | 87.7      | 21.9177 | 31.4746 |
| 2009 | 6     | 28  | 14   | 32     | 17     | 0.3       | 3       | 1.64  | 87.9      | 21.9177 | 31.6672 |
| 2009 | 6     | 28  | 14   | 42     | 17     | 0.3       | 3       | 1.63  | 90.2      | 21.9177 | 31.5388 |
| 2009 | 6     | 28  | 14   | 52     | 17     | 0.3       | 3       | 1.6   | 90.2      | 21.9177 | 30.8969 |
| 2009 | 6     | 28  | 15   | 2      | 17     | 0.3       | 3       | 1.65  | 88.3      | 21.9177 | 31.9883 |
| 2009 | 6     | 28  | 15   | 12     | 17     | 0.3       | 3       | 1.6   | 88.7      | 21.9177 | 31.0253 |
| 2009 | 6     | 28  | 15   | 22     | 17     | 0.3       | 3       | 1.65  | 88.6      | 21.9177 | 31.9883 |
| 2009 | 6     | 28  | 15   | 32     | 17     | 0.3       | 3       | 1.65  | 89.4      | 21.9177 | 31.8599 |
| 2009 | 6     | 28  | 15   | 42     | 17     | 0.3       | 3       | 1.55  | 88.4      | 21.9177 | 29.9984 |
| 2009 | 6     | 28  | 15   | 52     | 17     | 0.3       | 3       | 1.61  | 88.7      | 21.9177 | 31.2178 |
| 2009 | 6     | 28  | 16   | 2      | 17     | 0.3       | 3       | 1.6   | 89.4      | 21.9177 | 30.9611 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 28  | 16   | 12     | 17     | 0.3       | 3       | 1.61  | 89.8      | 21.9177 | 31.2178 |
| 2009 | 6     | 28  | 16   | 22     | 17     | 0.3       | 3       | 1.64  | 89.1      | 21.9177 | 31.7314 |
| 2009 | 6     | 28  | 16   | 32     | 17     | 0.3       | 3       | 1.61  | 88.4      | 21.9177 | 31.2178 |
| 2009 | 6     | 28  | 16   | 42     | 17     | 0.3       | 3       | 1.68  | 89.9      | 21.9177 | 32.502  |
| 2009 | 6     | 28  | 16   | 52     | 17     | 0.3       | 3       | 1.58  | 87.3      | 21.9177 | 30.576  |
| 2009 | 6     | 28  | 17   | 2      | 17     | 0.3       | 3       | 1.61  | 88.5      | 21.9177 | 31.1537 |
| 2009 | 6     | 28  | 17   | 12     | 17     | 0.3       | 3       | 1.63  | 88.4      | 21.9177 | 31.4746 |
| 2009 | 6     | 28  | 17   | 22     | 17     | 0.3       | 3       | 1.65  | 88.7      | 21.9177 | 31.8599 |
| 2009 | 6     | 28  | 17   | 32     | 17     | 0.3       | 3       | 1.63  | 89.5      | 21.9177 | 31.603  |
| 2009 | 6     | 28  | 17   | 42     | 17     | 0.3       | 3       | 1.59  | 88.8      | 21.9177 | 30.8327 |
| 2009 | 6     | 28  | 17   | 52     | 17     | 0.3       | 3       | 1.58  | 89.6      | 21.9177 | 30.6402 |
| 2009 | 6     | 28  | 18   | 2      | 17     | 0.3       | 3       | 1.61  | 90.8      | 21.9177 | 31.2178 |
| 2009 | 6     | 28  | 18   | 12     | 17     | 0.3       | 3       | 1.61  | 87.9      | 21.9177 | 31.0895 |
| 2009 | 6     | 28  | 18   | 22     | 17     | 0.3       | 3       | 1.59  | 89.6      | 21.9177 | 30.8327 |
| 2009 | 6     | 28  | 18   | 32     | 17     | 0.3       | 3       | 1.56  | 87.2      | 21.9177 | 30.1909 |
| 2009 | 6     | 28  | 18   | 42     | 17     | 0.3       | 3       | 1.68  | 89.3      | 21.9177 | 32.4378 |
| 2009 | 6     | 28  | 18   | 52     | 17     | 0.3       | 3       | 1.6   | 88.6      | 21.9177 | 30.8969 |
| 2009 | 6     | 28  | 19   | 2      | 17     | 0.3       | 3       | 1.59  | 87.9      | 21.9177 | 30.7043 |
| 2009 | 6     | 28  | 19   | 12     | 17     | 0.3       | 3       | 1.63  | 87.7      | 21.9438 | 31.4487 |
| 2009 | 6     | 28  | 19   | 22     | 17     | 0.3       | 3       | 1.62  | 89.8      | 21.9177 | 31.282  |
| 2009 | 6     | 28  | 19   | 32     | 17     | 0.3       | 3       | 1.62  | 88.6      | 21.9177 | 31.3462 |
| 2009 | 6     | 28  | 19   | 42     | 17     | 0.3       | 3       | 1.62  | 88.8      | 21.9438 | 31.4487 |
| 2009 | 6     | 28  | 19   | 52     | 17     | 0.3       | 3       | 1.65  | 88.9      | 21.9438 | 31.8986 |
| 2009 | 6     | 28  | 20   | 2      | 17     | 0.3       | 3       | 1.62  | 89.3      | 21.9438 | 31.4487 |
| 2009 | 6     | 28  | 20   | 12     | 17     | 0.3       | 3       | 1.58  | 88.8      | 21.9438 | 30.6132 |
| 2009 | 6     | 28  | 20   | 22     | 17     | 0.3       | 3       | 1.59  | 88.5      | 21.9438 | 30.7417 |
| 2009 | 6     | 28  | 20   | 32     | 17     | 0.3       | 3       | 1.62  | 89.3      | 21.9438 | 31.3844 |
| 2009 | 6     | 28  | 20   | 42     | 17     | 0.3       | 3       | 1.64  | 89.4      | 21.9438 | 31.8344 |
| 2009 | 6     | 28  | 20   | 52     | 17     | 0.3       | 3       | 1.64  | 89.5      | 21.9699 | 31.744  |
| 2009 | 6     | 28  | 21   | 2      | 17     | 0.3       | 3       | 1.61  | 88.8      | 21.9699 | 31.2292 |
| 2009 | 6     | 28  | 21   | 12     | 17     | 0.3       | 3       | 1.63  | 88.6      | 21.9699 | 31.5509 |
| 2009 | 6     | 28  | 21   | 22     | 17     | 0.3       | 3       | 1.64  | 90        | 21.9699 | 31.8727 |
| 2009 | 6     | 28  | 21   | 32     | 17     | 0.3       | 3       | 1.6   | 88.6      | 21.9699 | 31.1005 |
| 2009 | 6     | 28  | 21   | 42     | 17     | 0.3       | 3       | 1.67  | 89.4      | 21.9699 | 32.3877 |
| 2009 | 6     | 28  | 21   | 52     | 17     | 0.3       | 3       | 1.65  | 89        | 21.9699 | 31.9371 |
| 2009 | 6     | 28  | 22   | 2      | 17     | 0.3       | 3       | 1.62  | 88        | 21.9699 | 31.2935 |
| 2009 | 6     | 28  | 22   | 12     | 17     | 0.3       | 3       | 1.62  | 88.4      | 21.9961 | 31.46   |
| 2009 | 6     | 28  | 22   | 22     | 17     | 0.3       | 3       | 1.63  | 90.2      | 21.9961 | 31.7178 |
| 2009 | 6     | 28  | 22   | 32     | 17     | 0.3       | 3       | 1.58  | 87.4      | 21.9961 | 30.6226 |
| 2009 | 6     | 28  | 22   | 42     | 17     | 0.3       | 3       | 1.65  | 89.3      | 21.9961 | 32.1044 |
| 2009 | 6     | 28  | 22   | 52     | 17     | 0.3       | 3       | 1.59  | 89.8      | 21.9699 | 30.8431 |
| 2009 | 6     | 28  | 23   | 2      | 17     | 0.3       | 3       | 1.62  | 89.2      | 21.9961 | 31.3956 |
| 2009 | 6     | 28  | 23   | 12     | 17     | 0.3       | 3       | 1.58  | 87.7      | 21.9961 | 30.6226 |
| 2009 | 6     | 28  | 23   | 22     | 17     | 0.3       | 3       | 1.62  | 89.1      | 21.9961 | 31.5245 |
| 2009 | 6     | 28  | 23   | 32     | 17     | 0.3       | 3       | 1.61  | 86.8      | 21.9961 | 31.2023 |
| 2009 | 6     | 28  | 23   | 42     | 17     | 0.3       | 3       | 1.61  | 89.1      | 21.9961 | 31.2023 |
| 2009 | 6     | 28  | 23   | 52     | 17     | 0.3       | 3       | 1.61  | 88.4      | 21.9961 | 31.2668 |
| 2009 | 6     | 29  | 0    | 2      | 17     | 0.3       | 3       | 1.65  | 89.3      | 21.9961 | 32.1044 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 29  | 0    | 12     | 17     | 0.3       | 3       | 1.6   | 88.6      | 21.9961 | 31.1379 |
| 2009 | 6     | 29  | 0    | 22     | 17     | 0.3       | 3       | 1.6   | 88.2      | 21.9961 | 30.9446 |
| 2009 | 6     | 29  | 0    | 32     | 17     | 0.3       | 3       | 1.69  | 89.8      | 21.9961 | 32.7489 |
| 2009 | 6     | 29  | 0    | 42     | 17     | 0.3       | 3       | 1.64  | 88        | 21.9961 | 31.7822 |
| 2009 | 6     | 29  | 0    | 52     | 17     | 0.3       | 3       | 1.57  | 87.7      | 21.9961 | 30.365  |
| 2009 | 6     | 29  | 1    | 2      | 17     | 0.3       | 3       | 1.63  | 88.3      | 21.9961 | 31.5889 |
| 2009 | 6     | 29  | 1    | 12     | 17     | 0.3       | 3       | 1.63  | 87.6      | 21.9961 | 31.5245 |
| 2009 | 6     | 29  | 1    | 22     | 17     | 0.3       | 3       | 1.64  | 89.9      | 21.9961 | 31.8466 |
| 2009 | 6     | 29  | 1    | 32     | 17     | 0.3       | 3       | 1.6   | 89.4      | 21.9961 | 31.0735 |
| 2009 | 6     | 29  | 1    | 42     | 17     | 0.3       | 3       | 1.6   | 88.2      | 21.9961 | 30.9446 |
| 2009 | 6     | 29  | 1    | 52     | 17     | 0.3       | 3       | 1.55  | 88.4      | 21.9961 | 29.9786 |
| 2009 | 6     | 29  | 2    | 2      | 17     | 0.3       | 3       | 1.67  | 89.3      | 21.9961 | 32.4267 |
| 2009 | 6     | 29  | 2    | 12     | 17     | 0.3       | 3       | 1.65  | 89.1      | 21.9961 | 31.9755 |
| 2009 | 6     | 29  | 2    | 22     | 17     | 0.3       | 3       | 1.62  | 88        | 21.9961 | 31.5245 |
| 2009 | 6     | 29  | 2    | 32     | 17     | 0.3       | 3       | 1.64  | 87.7      | 21.9961 | 31.8466 |
| 2009 | 6     | 29  | 2    | 42     | 17     | 0.3       | 3       | 1.63  | 88        | 21.9961 | 31.7178 |
| 2009 | 6     | 29  | 2    | 52     | 17     | 0.3       | 3       | 1.62  | 88.8      | 21.9961 | 31.46   |
| 2009 | 6     | 29  | 3    | 2      | 17     | 0.3       | 3       | 1.59  | 88        | 21.9961 | 30.8158 |
| 2009 | 6     | 29  | 3    | 12     | 17     | 0.3       | 3       | 1.6   | 87.2      | 21.9961 | 30.9446 |
| 2009 | 6     | 29  | 3    | 22     | 17     | 0.3       | 3       | 1.58  | 88.3      | 21.9961 | 30.687  |
| 2009 | 6     | 29  | 3    | 32     | 17     | 0.3       | 3       | 1.65  | 89.3      | 21.9961 | 32.1044 |
| 2009 | 6     | 29  | 3    | 42     | 17     | 0.3       | 3       | 1.62  | 89        | 22.0222 | 31.4979 |
| 2009 | 6     | 29  | 3    | 52     | 17     | 0.3       | 3       | 1.62  | 88        | 21.9961 | 31.3956 |
| 2009 | 6     | 29  | 4    | 2      | 17     | 0.3       | 3       | 1.67  | 89.3      | 21.9961 | 32.3622 |
| 2009 | 6     | 29  | 4    | 12     | 17     | 0.3       | 3       | 1.66  | 87.3      | 21.9961 | 32.1044 |
| 2009 | 6     | 29  | 4    | 22     | 17     | 0.3       | 3       | 1.67  | 89.8      | 21.9961 | 32.3622 |
| 2009 | 6     | 29  | 4    | 32     | 17     | 0.3       | 3       | 1.57  | 89.5      | 21.9961 | 30.4938 |
| 2009 | 6     | 29  | 4    | 42     | 17     | 0.3       | 3       | 1.64  | 87.9      | 22.0222 | 31.9495 |
| 2009 | 6     | 29  | 4    | 52     | 17     | 0.3       | 3       | 1.65  | 89.7      | 21.9961 | 31.9755 |
| 2009 | 6     | 29  | 5    | 2      | 17     | 0.3       | 3       | 1.65  | 89.1      | 21.9961 | 31.9755 |
| 2009 | 6     | 29  | 5    | 12     | 17     | 0.3       | 3       | 1.61  | 88.8      | 22.0222 | 31.2398 |
| 2009 | 6     | 29  | 5    | 22     | 17     | 0.3       | 3       | 1.64  | 89.8      | 21.9961 | 31.8466 |
| 2009 | 6     | 29  | 5    | 32     | 17     | 0.3       | 3       | 1.6   | 89.2      | 22.0222 | 31.1753 |
| 2009 | 6     | 29  | 5    | 42     | 17     | 0.3       | 3       | 1.64  | 90.6      | 21.9961 | 31.8466 |
| 2009 | 6     | 29  | 5    | 52     | 17     | 0.3       | 3       | 1.61  | 88.1      | 21.9961 | 31.1379 |
| 2009 | 6     | 29  | 6    | 2      | 17     | 0.3       | 3       | 1.63  | 89.3      | 21.9961 | 31.5889 |
| 2009 | 6     | 29  | 6    | 12     | 17     | 0.3       | 3       | 1.63  | 88.4      | 21.9961 | 31.7178 |
| 2009 | 6     | 29  | 6    | 22     | 17     | 0.3       | 3       | 1.58  | 89.2      | 21.9961 | 30.7514 |
| 2009 | 6     | 29  | 6    | 32     | 17     | 0.3       | 3       | 1.6   | 89.5      | 21.9961 | 31.0735 |
| 2009 | 6     | 29  | 6    | 42     | 17     | 0.3       | 3       | 1.61  | 89.3      | 21.9961 | 31.2023 |
| 2009 | 6     | 29  | 6    | 52     | 17     | 0.3       | 3       | 1.63  | 88.2      | 21.9961 | 31.6533 |
| 2009 | 6     | 29  | 7    | 2      | 17     | 0.3       | 3       | 1.67  | 88.4      | 21.9961 | 32.4267 |
| 2009 | 6     | 29  | 7    | 12     | 17     | 0.3       | 3       | 1.63  | 89.3      | 21.9961 | 31.5889 |
| 2009 | 6     | 29  | 7    | 22     | 17     | 0.3       | 3       | 1.61  | 88.8      | 21.9961 | 31.2023 |
| 2009 | 6     | 29  | 7    | 32     | 17     | 0.3       | 3       | 1.62  | 88.5      | 21.9961 | 31.3956 |
| 2009 | 6     | 29  | 7    | 42     | 17     | 0.3       | 3       | 1.64  | 88.7      | 21.9961 | 31.9111 |
| 2009 | 6     | 29  | 7    | 52     | 17     | 0.3       | 3       | 1.63  | 88.4      | 21.9961 | 31.5889 |
| 2009 | 6     | 29  | 8    | 2      | 17     | 0.3       | 3       | 1.6   | 88.9      | 21.9961 | 31.1379 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 29  | 8    | 12     | 17     | 0.3       | 3       | 1.61  | 87.8      | 22.0222 | 31.1753 |
| 2009 | 6     | 29  | 8    | 22     | 17     | 0.3       | 3       | 1.64  | 87.6      | 22.0222 | 31.8849 |
| 2009 | 6     | 29  | 8    | 32     | 17     | 0.3       | 3       | 1.61  | 87.9      | 22.0222 | 31.1753 |
| 2009 | 6     | 29  | 8    | 42     | 17     | 0.3       | 3       | 1.6   | 89.3      | 22.0222 | 31.1108 |
| 2009 | 6     | 29  | 8    | 52     | 17     | 0.3       | 3       | 1.65  | 89.2      | 22.0222 | 32.143  |
| 2009 | 6     | 29  | 9    | 2      | 17     | 0.3       | 3       | 1.58  | 88.8      | 22.0222 | 30.7239 |
| 2009 | 6     | 29  | 9    | 12     | 17     | 0.3       | 3       | 1.63  | 89.4      | 21.9961 | 31.5889 |
| 2009 | 6     | 29  | 9    | 22     | 17     | 0.3       | 3       | 1.63  | 89.5      | 22.0222 | 31.6269 |
| 2009 | 6     | 29  | 9    | 32     | 17     | 0.3       | 3       | 1.58  | 87.5      | 22.0222 | 30.6594 |
| 2009 | 6     | 29  | 9    | 42     | 17     | 0.3       | 3       | 1.62  | 88.5      | 22.0222 | 31.4334 |
| 2009 | 6     | 29  | 9    | 52     | 17     | 0.3       | 3       | 1.63  | 88.8      | 22.0222 | 31.6269 |
| 2009 | 6     | 29  | 10   | 2      | 17     | 0.3       | 3       | 1.62  | 89        | 22.0222 | 31.4334 |
| 2009 | 6     | 29  | 10   | 12     | 17     | 0.3       | 3       | 1.61  | 88.7      | 22.0222 | 31.2398 |
| 2009 | 6     | 29  | 10   | 22     | 17     | 0.3       | 3       | 1.58  | 88.1      | 22.0222 | 30.7239 |
| 2009 | 6     | 29  | 10   | 32     | 17     | 0.3       | 3       | 1.6   | 89.2      | 22.0222 | 31.1753 |
| 2009 | 6     | 29  | 10   | 42     | 17     | 0.3       | 3       | 1.62  | 88        | 22.0222 | 31.5624 |
| 2009 | 6     | 29  | 10   | 52     | 17     | 0.3       | 3       | 1.58  | 89.3      | 21.9961 | 30.7514 |
| 2009 | 6     | 29  | 11   | 2      | 17     | 0.3       | 3       | 1.63  | 90        | 22.0222 | 31.7559 |
| 2009 | 6     | 29  | 11   | 12     | 17     | 0.3       | 3       | 1.59  | 89.1      | 22.0222 | 30.9818 |
| 2009 | 6     | 29  | 11   | 22     | 17     | 0.3       | 3       | 1.59  | 87.9      | 22.0222 | 30.9174 |
| 2009 | 6     | 29  | 11   | 32     | 17     | 0.3       | 3       | 1.59  | 89.4      | 22.0222 | 30.8529 |
| 2009 | 6     | 29  | 11   | 42     | 17     | 0.3       | 3       | 1.64  | 88.6      | 22.0222 | 31.9495 |
| 2009 | 6     | 29  | 11   | 52     | 17     | 0.3       | 3       | 1.64  | 88.1      | 22.0222 | 31.8849 |
| 2009 | 6     | 29  | 12   | 2      | 17     | 0.3       | 3       | 1.61  | 88.9      | 22.0222 | 31.3043 |
| 2009 | 6     | 29  | 12   | 12     | 17     | 0.3       | 3       | 1.6   | 88.8      | 22.0222 | 31.1108 |
| 2009 | 6     | 29  | 12   | 22     | 17     | 0.3       | 3       | 1.61  | 88.6      | 22.0222 | 31.3043 |
| 2009 | 6     | 29  | 12   | 32     | 17     | 0.3       | 3       | 1.66  | 89.7      | 22.0222 | 32.2075 |
| 2009 | 6     | 29  | 12   | 42     | 17     | 0.3       | 3       | 1.58  | 87.6      | 22.0222 | 30.7239 |
| 2009 | 6     | 29  | 12   | 52     | 17     | 0.3       | 3       | 1.59  | 89.3      | 22.0222 | 30.9818 |
| 2009 | 6     | 29  | 13   | 2      | 17     | 0.3       | 3       | 1.59  | 87.7      | 22.0222 | 30.7884 |
| 2009 | 6     | 29  | 13   | 12     | 17     | 0.3       | 3       | 1.61  | 89.1      | 22.0222 | 31.2398 |
| 2009 | 6     | 29  | 13   | 22     | 17     | 0.3       | 3       | 1.61  | 88.8      | 22.0222 | 31.3688 |
| 2009 | 6     | 29  | 13   | 32     | 17     | 0.3       | 3       | 1.56  | 87.3      | 22.0222 | 30.2725 |
| 2009 | 6     | 29  | 13   | 42     | 17     | 0.3       | 3       | 1.61  | 88.8      | 22.0222 | 31.2398 |
| 2009 | 6     | 29  | 13   | 52     | 17     | 0.3       | 3       | 1.61  | 88.4      | 22.0222 | 31.3043 |
| 2009 | 6     | 29  | 14   | 2      | 17     | 0.3       | 3       | 1.68  | 89.7      | 22.0222 | 32.5947 |
| 2009 | 6     | 29  | 14   | 12     | 17     | 0.3       | 3       | 1.67  | 88.8      | 22.0222 | 32.4011 |
| 2009 | 6     | 29  | 14   | 22     | 17     | 0.3       | 3       | 1.6   | 88.6      | 22.0222 | 31.1108 |
| 2009 | 6     | 29  | 14   | 32     | 17     | 0.3       | 3       | 1.59  | 88.2      | 22.0222 | 30.9174 |
| 2009 | 6     | 29  | 14   | 42     | 17     | 0.3       | 3       | 1.58  | 88.1      | 22.0222 | 30.6594 |
| 2009 | 6     | 29  | 14   | 52     | 17     | 0.3       | 3       | 1.63  | 88.7      | 22.0222 | 31.6914 |
| 2009 | 6     | 29  | 15   | 2      | 17     | 0.3       | 3       | 1.62  | 88.7      | 22.0222 | 31.4979 |
| 2009 | 6     | 29  | 15   | 12     | 17     | 0.3       | 3       | 1.61  | 89.5      | 22.0222 | 31.2398 |
| 2009 | 6     | 29  | 15   | 22     | 17     | 0.3       | 3       | 1.66  | 89.1      | 22.0222 | 32.2075 |
| 2009 | 6     | 29  | 15   | 32     | 17     | 0.3       | 3       | 1.6   | 88.7      | 22.0222 | 31.1108 |
| 2009 | 6     | 29  | 15   | 42     | 17     | 0.3       | 3       | 1.62  | 89.3      | 22.0222 | 31.4334 |
| 2009 | 6     | 29  | 15   | 52     | 17     | 0.3       | 3       | 1.62  | 88.1      | 22.0222 | 31.4334 |
| 2009 | 6     | 29  | 16   | 2      | 17     | 0.3       | 3       | 1.65  | 87.6      | 22.0222 | 32.014  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 29  | 16   | 12     | 17     | 0.3       | 3       | 1.62  | 89.2      | 22.0222 | 31.5624 |
| 2009 | 6     | 29  | 16   | 22     | 17     | 0.3       | 3       | 1.59  | 89.1      | 22.0222 | 30.9174 |
| 2009 | 6     | 29  | 16   | 32     | 17     | 0.3       | 3       | 1.62  | 88        | 22.0222 | 31.4979 |
| 2009 | 6     | 29  | 16   | 42     | 17     | 0.3       | 3       | 1.65  | 89.3      | 22.0222 | 32.143  |
| 2009 | 6     | 29  | 16   | 52     | 17     | 0.3       | 3       | 1.59  | 89.2      | 22.0222 | 30.8529 |
| 2009 | 6     | 29  | 17   | 2      | 17     | 0.3       | 3       | 1.57  | 87.6      | 22.0222 | 30.4659 |
| 2009 | 6     | 29  | 17   | 12     | 17     | 0.3       | 3       | 1.57  | 88.2      | 22.0222 | 30.5304 |
| 2009 | 6     | 29  | 17   | 22     | 17     | 0.3       | 3       | 1.62  | 86.8      | 22.0222 | 31.4979 |
| 2009 | 6     | 29  | 17   | 32     | 17     | 0.3       | 3       | 1.6   | 87.4      | 22.0222 | 31.1108 |
| 2009 | 6     | 29  | 17   | 42     | 17     | 0.3       | 3       | 1.59  | 87.7      | 22.0222 | 30.7884 |
| 2009 | 6     | 29  | 17   | 52     | 17     | 0.3       | 3       | 1.59  | 88        | 22.0222 | 30.8529 |
| 2009 | 6     | 29  | 18   | 2      | 17     | 0.3       | 3       | 1.62  | 86.8      | 22.0222 | 31.4979 |
| 2009 | 6     | 29  | 18   | 12     | 17     | 0.3       | 3       | 1.58  | 87.5      | 22.0222 | 30.5949 |
| 2009 | 6     | 29  | 18   | 22     | 17     | 0.3       | 3       | 1.61  | 87.7      | 22.0222 | 31.2398 |
| 2009 | 6     | 29  | 18   | 32     | 17     | 0.3       | 3       | 1.64  | 89.8      | 22.0222 | 31.9495 |
| 2009 | 6     | 29  | 18   | 42     | 17     | 0.3       | 3       | 1.67  | 89.5      | 22.0222 | 32.4011 |
| 2009 | 6     | 29  | 18   | 52     | 17     | 0.3       | 3       | 1.58  | 88.1      | 22.0222 | 30.7239 |
| 2009 | 6     | 29  | 19   | 2      | 17     | 0.3       | 3       | 1.61  | 87.1      | 22.0222 | 31.1753 |
| 2009 | 6     | 29  | 19   | 12     | 17     | 0.3       | 3       | 1.59  | 86.3      | 22.0483 | 30.8899 |
| 2009 | 6     | 29  | 19   | 22     | 17     | 0.3       | 3       | 1.62  | 87.9      | 22.0483 | 31.4065 |
| 2009 | 6     | 29  | 19   | 32     | 17     | 0.3       | 3       | 1.64  | 89.1      | 22.0483 | 31.9232 |
| 2009 | 6     | 29  | 19   | 42     | 17     | 0.3       | 3       | 1.61  | 88.7      | 22.0483 | 31.4065 |
| 2009 | 6     | 29  | 19   | 52     | 17     | 0.3       | 3       | 1.65  | 89.3      | 22.0483 | 32.1816 |
| 2009 | 6     | 29  | 20   | 2      | 17     | 0.3       | 3       | 1.59  | 87.2      | 22.0483 | 30.8899 |
| 2009 | 6     | 29  | 20   | 12     | 17     | 0.3       | 3       | 1.63  | 87.9      | 22.0483 | 31.6649 |
| 2009 | 6     | 29  | 20   | 22     | 17     | 0.3       | 3       | 1.61  | 88.6      | 22.0483 | 31.3419 |
| 2009 | 6     | 29  | 20   | 32     | 17     | 0.3       | 3       | 1.63  | 87.3      | 22.0483 | 31.6003 |
| 2009 | 6     | 29  | 20   | 42     | 17     | 0.3       | 3       | 1.63  | 86.7      | 22.0483 | 31.7295 |
| 2009 | 6     | 29  | 20   | 52     | 17     | 0.3       | 3       | 1.6   | 87.8      | 22.0483 | 31.1482 |
| 2009 | 6     | 29  | 21   | 2      | 17     | 0.3       | 3       | 1.63  | 88.8      | 22.0483 | 31.6649 |
| 2009 | 6     | 29  | 21   | 12     | 17     | 0.3       | 3       | 1.6   | 89.6      | 22.0483 | 31.1482 |
| 2009 | 6     | 29  | 21   | 22     | 17     | 0.3       | 3       | 1.61  | 87.1      | 22.0483 | 31.3419 |
| 2009 | 6     | 29  | 21   | 32     | 17     | 0.3       | 3       | 1.63  | 87.9      | 22.0483 | 31.6649 |
| 2009 | 6     | 29  | 21   | 42     | 17     | 0.3       | 3       | 1.64  | 88.9      | 22.0483 | 31.9232 |
| 2009 | 6     | 29  | 21   | 52     | 17     | 0.3       | 3       | 1.62  | 89.2      | 22.0483 | 31.4711 |
| 2009 | 6     | 29  | 22   | 2      | 17     | 0.3       | 3       | 1.57  | 88.7      | 22.0483 | 30.438  |
| 2009 | 6     | 29  | 22   | 12     | 17     | 0.3       | 3       | 1.61  | 87.9      | 22.0483 | 31.2128 |
| 2009 | 6     | 29  | 22   | 22     | 17     | 0.3       | 3       | 1.62  | 87.4      | 22.0483 | 31.4711 |
| 2009 | 6     | 29  | 22   | 32     | 17     | 0.3       | 3       | 1.61  | 87.8      | 22.0744 | 31.3149 |
| 2009 | 6     | 29  | 22   | 42     | 17     | 0.3       | 3       | 1.61  | 87.1      | 22.0483 | 31.2774 |
| 2009 | 6     | 29  | 22   | 52     | 17     | 0.3       | 3       | 1.62  | 87.6      | 22.0744 | 31.5089 |
| 2009 | 6     | 29  | 23   | 2      | 17     | 0.3       | 3       | 1.65  | 88.4      | 22.0483 | 32.117  |
| 2009 | 6     | 29  | 23   | 12     | 17     | 0.3       | 3       | 1.63  | 88.7      | 22.0744 | 31.7675 |
| 2009 | 6     | 29  | 23   | 22     | 17     | 0.3       | 3       | 1.63  | 87.8      | 22.0483 | 31.6649 |
| 2009 | 6     | 29  | 23   | 32     | 17     | 0.3       | 3       | 1.65  | 87.9      | 22.0744 | 32.0909 |
| 2009 | 6     | 29  | 23   | 42     | 17     | 0.3       | 3       | 1.66  | 89.5      | 22.0483 | 32.2462 |
| 2009 | 6     | 29  | 23   | 52     | 17     | 0.3       | 3       | 1.64  | 88.2      | 22.0744 | 32.0262 |
| 2009 | 6     | 30  | 0    | 2      | 17     | 0.3       | 3       | 1.59  | 88.1      | 22.0744 | 30.927  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 30  | 0    | 12     | 17     | 0.3       | 3       | 1.65  | 90        | 22.0744 | 32.0909 |
| 2009 | 6     | 30  | 0    | 22     | 17     | 0.3       | 3       | 1.61  | 87.5      | 22.0744 | 31.2502 |
| 2009 | 6     | 30  | 0    | 32     | 17     | 0.3       | 3       | 1.63  | 88.7      | 22.0483 | 31.6649 |
| 2009 | 6     | 30  | 0    | 42     | 17     | 0.3       | 3       | 1.62  | 87.8      | 22.0744 | 31.5089 |
| 2009 | 6     | 30  | 0    | 52     | 17     | 0.3       | 3       | 1.64  | 89        | 22.0744 | 31.8969 |
| 2009 | 6     | 30  | 1    | 2      | 17     | 0.3       | 3       | 1.59  | 88        | 22.0744 | 30.927  |
| 2009 | 6     | 30  | 1    | 12     | 17     | 0.3       | 3       | 1.62  | 89.7      | 22.0483 | 31.6003 |
| 2009 | 6     | 30  | 1    | 22     | 17     | 0.3       | 3       | 1.59  | 87.8      | 22.0744 | 30.9916 |
| 2009 | 6     | 30  | 1    | 32     | 17     | 0.3       | 3       | 1.58  | 89.2      | 22.0744 | 30.7977 |
| 2009 | 6     | 30  | 1    | 42     | 17     | 0.3       | 3       | 1.64  | 88.9      | 22.0744 | 31.8969 |
| 2009 | 6     | 30  | 1    | 52     | 17     | 0.3       | 3       | 1.6   | 87.8      | 22.0744 | 31.1209 |
| 2009 | 6     | 30  | 2    | 2      | 17     | 0.3       | 3       | 1.59  | 89.1      | 22.0744 | 30.927  |
| 2009 | 6     | 30  | 2    | 12     | 17     | 0.3       | 3       | 1.62  | 87.4      | 22.0744 | 31.5089 |
| 2009 | 6     | 30  | 2    | 22     | 17     | 0.3       | 3       | 1.6   | 88        | 22.0483 | 31.1482 |
| 2009 | 6     | 30  | 2    | 32     | 17     | 0.3       | 3       | 1.63  | 89.5      | 22.0744 | 31.7675 |
| 2009 | 6     | 30  | 2    | 42     | 17     | 0.3       | 3       | 1.62  | 87.7      | 22.0744 | 31.4442 |
| 2009 | 6     | 30  | 2    | 52     | 17     | 0.3       | 3       | 1.62  | 87.6      | 22.0744 | 31.5089 |
| 2009 | 6     | 30  | 3    | 2      | 17     | 0.3       | 3       | 1.66  | 89        | 22.0744 | 32.2849 |
| 2009 | 6     | 30  | 3    | 12     | 17     | 0.3       | 3       | 1.62  | 89.7      | 22.0744 | 31.5735 |
| 2009 | 6     | 30  | 3    | 22     | 17     | 0.3       | 3       | 1.64  | 88.6      | 22.0744 | 32.0262 |
| 2009 | 6     | 30  | 3    | 32     | 17     | 0.3       | 3       | 1.61  | 88.4      | 22.0744 | 31.4442 |
| 2009 | 6     | 30  | 3    | 42     | 17     | 0.3       | 3       | 1.59  | 85.4      | 22.0744 | 30.927  |
| 2009 | 6     | 30  | 3    | 52     | 17     | 0.3       | 3       | 1.65  | 88.5      | 22.0744 | 32.0909 |
| 2009 | 6     | 30  | 4    | 2      | 17     | 0.3       | 3       | 1.64  | 89.2      | 22.0744 | 31.9615 |
| 2009 | 6     | 30  | 4    | 12     | 17     | 0.3       | 3       | 1.64  | 88.1      | 22.0744 | 32.0262 |
| 2009 | 6     | 30  | 4    | 22     | 17     | 0.3       | 3       | 1.56  | 88.1      | 22.0744 | 30.2806 |
| 2009 | 6     | 30  | 4    | 32     | 17     | 0.3       | 3       | 1.58  | 86.9      | 22.0744 | 30.7977 |
| 2009 | 6     | 30  | 4    | 42     | 17     | 0.3       | 3       | 1.6   | 87.2      | 22.0744 | 31.0563 |
| 2009 | 6     | 30  | 4    | 52     | 17     | 0.3       | 3       | 1.63  | 88.7      | 22.0744 | 31.7028 |
| 2009 | 6     | 30  | 5    | 2      | 17     | 0.3       | 3       | 1.57  | 88.1      | 22.0744 | 30.5391 |
| 2009 | 6     | 30  | 5    | 12     | 17     | 0.3       | 3       | 1.6   | 88        | 22.0744 | 31.1209 |
| 2009 | 6     | 30  | 5    | 22     | 17     | 0.3       | 3       | 1.64  | 89.2      | 22.0744 | 31.9615 |
| 2009 | 6     | 30  | 5    | 32     | 17     | 0.3       | 3       | 1.59  | 87.5      | 22.0744 | 30.9916 |
| 2009 | 6     | 30  | 5    | 42     | 17     | 0.3       | 3       | 1.58  | 86.9      | 22.0744 | 30.7977 |
| 2009 | 6     | 30  | 5    | 52     | 17     | 0.3       | 3       | 1.64  | 87.7      | 22.1006 | 31.8703 |
| 2009 | 6     | 30  | 6    | 2      | 17     | 0.3       | 3       | 1.64  | 88.9      | 22.1006 | 31.9351 |
| 2009 | 6     | 30  | 6    | 12     | 17     | 0.3       | 3       | 1.62  | 87.9      | 22.1006 | 31.4819 |
| 2009 | 6     | 30  | 6    | 22     | 17     | 0.3       | 3       | 1.56  | 87.3      | 22.1006 | 30.3816 |
| 2009 | 6     | 30  | 6    | 32     | 17     | 0.3       | 3       | 1.68  | 87.8      | 22.1006 | 32.7769 |
| 2009 | 6     | 30  | 6    | 42     | 17     | 0.3       | 3       | 1.63  | 86.6      | 22.1006 | 31.6761 |
| 2009 | 6     | 30  | 6    | 52     | 17     | 0.3       | 3       | 1.58  | 86.8      | 22.1006 | 30.7699 |
| 2009 | 6     | 30  | 7    | 2      | 17     | 0.3       | 3       | 1.6   | 88        | 22.1006 | 31.1582 |
| 2009 | 6     | 30  | 7    | 12     | 17     | 0.3       | 3       | 1.6   | 88        | 22.1267 | 31.1955 |
| 2009 | 6     | 30  | 7    | 22     | 17     | 0.3       | 3       | 1.63  | 89.3      | 22.1267 | 31.8437 |
| 2009 | 6     | 30  | 7    | 32     | 17     | 0.3       | 3       | 1.61  | 88.2      | 22.1267 | 31.3899 |
| 2009 | 6     | 30  | 7    | 42     | 17     | 0.3       | 3       | 1.58  | 87.3      | 22.1267 | 30.7419 |
| 2009 | 6     | 30  | 7    | 52     | 17     | 0.3       | 3       | 1.63  | 89.7      | 22.1267 | 31.9085 |
| 2009 | 6     | 30  | 8    | 2      | 17     | 0.3       | 3       | 1.62  | 88.1      | 22.1528 | 31.7519 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 30  | 8    | 12     | 17     | 0.3       | 3       | 1.55  | 87.6      | 22.179  | 30.2959 |
| 2009 | 6     | 30  | 8    | 22     | 17     | 0.3       | 3       | 1.66  | 88.4      | 22.1528 | 32.4659 |
| 2009 | 6     | 30  | 8    | 32     | 17     | 0.3       | 3       | 1.58  | 89.5      | 22.179  | 30.9453 |
| 2009 | 6     | 30  | 8    | 42     | 17     | 0.3       | 3       | 1.64  | 89.3      | 22.179  | 32.1797 |
| 2009 | 6     | 30  | 8    | 52     | 17     | 0.3       | 3       | 1.6   | 89.2      | 22.179  | 31.2701 |
| 2009 | 6     | 30  | 9    | 2      | 17     | 0.3       | 3       | 1.65  | 88.6      | 22.179  | 32.2447 |
| 2009 | 6     | 30  | 9    | 12     | 17     | 0.3       | 3       | 1.67  | 88.2      | 22.179  | 32.6346 |
| 2009 | 6     | 30  | 9    | 22     | 17     | 0.3       | 3       | 1.64  | 88.9      | 22.2051 | 32.1531 |
| 2009 | 6     | 30  | 9    | 32     | 17     | 0.3       | 3       | 1.6   | 87.3      | 22.2051 | 31.3725 |
| 2009 | 6     | 30  | 9    | 42     | 17     | 0.3       | 3       | 1.64  | 88.6      | 22.2051 | 32.088  |
| 2009 | 6     | 30  | 9    | 52     | 17     | 0.3       | 3       | 1.58  | 87.1      | 22.2051 | 30.9172 |
| 2009 | 6     | 30  | 10   | 2      | 17     | 0.3       | 3       | 1.58  | 87        | 22.2051 | 30.8522 |
| 2009 | 6     | 30  | 10   | 12     | 17     | 0.3       | 3       | 1.61  | 89.2      | 22.2051 | 31.6326 |
| 2009 | 6     | 30  | 10   | 22     | 17     | 0.3       | 3       | 1.64  | 87.1      | 22.2051 | 32.088  |
| 2009 | 6     | 30  | 10   | 32     | 17     | 0.3       | 3       | 1.61  | 87.7      | 22.2051 | 31.5026 |
| 2009 | 6     | 30  | 10   | 42     | 17     | 0.3       | 3       | 1.64  | 89.3      | 22.2051 | 32.088  |
| 2009 | 6     | 30  | 10   | 52     | 17     | 0.3       | 3       | 1.61  | 88.8      | 22.2312 | 31.5401 |
| 2009 | 6     | 30  | 11   | 2      | 17     | 0.3       | 3       | 1.6   | 87.8      | 22.2312 | 31.2796 |
| 2009 | 6     | 30  | 11   | 12     | 17     | 0.3       | 3       | 1.62  | 88.8      | 22.2312 | 31.8657 |
| 2009 | 6     | 30  | 11   | 22     | 17     | 0.3       | 3       | 1.6   | 88.1      | 22.2312 | 31.3447 |
| 2009 | 6     | 30  | 11   | 32     | 17     | 0.3       | 3       | 1.59  | 88.8      | 22.2312 | 31.2796 |
| 2009 | 6     | 30  | 11   | 42     | 17     | 0.3       | 3       | 1.66  | 88.2      | 22.2312 | 32.5822 |
| 2009 | 6     | 30  | 11   | 52     | 17     | 0.3       | 3       | 1.67  | 89.6      | 22.2312 | 32.8428 |
| 2009 | 6     | 30  | 12   | 2      | 17     | 0.3       | 3       | 1.65  | 89.2      | 22.2312 | 32.3217 |
| 2009 | 6     | 30  | 12   | 12     | 17     | 0.3       | 3       | 1.62  | 88.4      | 22.2312 | 31.8657 |
| 2009 | 6     | 30  | 12   | 22     | 17     | 0.3       | 3       | 1.62  | 89.2      | 22.2312 | 31.7355 |
| 2009 | 6     | 30  | 12   | 32     | 17     | 0.3       | 3       | 1.66  | 89        | 22.2312 | 32.5171 |
| 2009 | 6     | 30  | 12   | 42     | 17     | 0.3       | 3       | 1.64  | 88.3      | 22.2312 | 32.2565 |
| 2009 | 6     | 30  | 12   | 52     | 17     | 0.3       | 3       | 1.63  | 88.2      | 22.2312 | 31.9309 |
| 2009 | 6     | 30  | 13   | 2      | 17     | 0.3       | 3       | 1.63  | 87.2      | 22.2574 | 32.0341 |
| 2009 | 6     | 30  | 13   | 12     | 17     | 0.3       | 3       | 1.64  | 88.2      | 22.2574 | 32.2297 |
| 2009 | 6     | 30  | 13   | 22     | 17     | 0.3       | 3       | 1.61  | 88.4      | 22.2574 | 31.708  |
| 2009 | 6     | 30  | 13   | 32     | 17     | 0.3       | 3       | 1.63  | 87.6      | 22.2574 | 31.9689 |
| 2009 | 6     | 30  | 13   | 42     | 17     | 0.3       | 3       | 1.57  | 87.8      | 22.2574 | 30.7302 |
| 2009 | 6     | 30  | 13   | 52     | 17     | 0.3       | 3       | 1.63  | 88.3      | 22.2574 | 32.0993 |
| 2009 | 6     | 30  | 14   | 2      | 17     | 0.3       | 3       | 1.63  | 89.3      | 22.2574 | 32.0341 |
| 2009 | 6     | 30  | 14   | 12     | 17     | 0.3       | 3       | 1.61  | 88.2      | 22.2574 | 31.5777 |
| 2009 | 6     | 30  | 14   | 22     | 17     | 0.3       | 3       | 1.58  | 88        | 22.2574 | 31.0561 |
| 2009 | 6     | 30  | 14   | 32     | 17     | 0.3       | 3       | 1.64  | 88.1      | 22.2574 | 32.2949 |
| 2009 | 6     | 30  | 14   | 42     | 17     | 0.3       | 3       | 1.67  | 89.8      | 22.2574 | 32.7515 |
| 2009 | 6     | 30  | 14   | 52     | 17     | 0.3       | 3       | 1.64  | 88.4      | 22.2574 | 32.2949 |
| 2009 | 6     | 30  | 15   | 2      | 17     | 0.3       | 3       | 1.63  | 87.8      | 22.2574 | 31.9689 |
| 2009 | 6     | 30  | 15   | 12     | 17     | 0.3       | 3       | 1.62  | 88.8      | 22.2574 | 31.8385 |
| 2009 | 6     | 30  | 15   | 22     | 17     | 0.3       | 3       | 1.6   | 86.8      | 22.2574 | 31.3169 |
| 2009 | 6     | 30  | 15   | 32     | 17     | 0.3       | 3       | 1.59  | 88.9      | 22.2574 | 31.1865 |
| 2009 | 6     | 30  | 15   | 42     | 17     | 0.3       | 3       | 1.63  | 89.3      | 22.2835 | 32.1375 |
| 2009 | 6     | 30  | 15   | 52     | 17     | 0.3       | 3       | 1.6   | 87.5      | 22.2835 | 31.4194 |
| 2009 | 6     | 30  | 16   | 2      | 17     | 0.3       | 3       | 1.63  | 89.2      | 22.2835 | 32.0722 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 30  | 16   | 12     | 17     | 0.3       | 3       | 1.64  | 87.6      | 22.2835 | 32.2027 |
| 2009 | 6     | 30  | 16   | 22     | 17     | 0.3       | 3       | 1.65  | 88.3      | 22.2835 | 32.4639 |
| 2009 | 6     | 30  | 16   | 32     | 17     | 0.3       | 3       | 1.66  | 88.1      | 22.2835 | 32.5945 |
| 2009 | 6     | 30  | 16   | 42     | 17     | 0.3       | 3       | 1.58  | 88.2      | 22.2835 | 31.0278 |
| 2009 | 6     | 30  | 16   | 52     | 17     | 0.3       | 3       | 1.61  | 89.4      | 22.2835 | 31.6805 |
| 2009 | 6     | 30  | 17   | 2      | 17     | 0.3       | 3       | 1.58  | 88.7      | 22.2835 | 30.9625 |
| 2009 | 6     | 30  | 17   | 12     | 17     | 0.3       | 3       | 1.65  | 88.9      | 22.2835 | 32.3986 |
| 2009 | 6     | 30  | 17   | 22     | 17     | 0.3       | 3       | 1.62  | 90.1      | 22.3097 | 31.9142 |
| 2009 | 6     | 30  | 17   | 32     | 17     | 0.3       | 3       | 1.6   | 88.4      | 22.3097 | 31.4567 |
| 2009 | 6     | 30  | 17   | 42     | 17     | 0.3       | 3       | 1.6   | 86.8      | 22.3097 | 31.5221 |
| 2009 | 6     | 30  | 17   | 52     | 17     | 0.3       | 3       | 1.65  | 88.9      | 22.3097 | 32.5025 |
| 2009 | 6     | 30  | 18   | 2      | 17     | 0.3       | 3       | 1.61  | 88.7      | 22.3097 | 31.7835 |
| 2009 | 6     | 30  | 18   | 12     | 17     | 0.3       | 3       | 1.64  | 88.4      | 22.3097 | 32.3717 |
| 2009 | 6     | 30  | 18   | 22     | 17     | 0.3       | 3       | 1.64  | 88        | 22.3097 | 32.241  |
| 2009 | 6     | 30  | 18   | 32     | 17     | 0.3       | 3       | 1.63  | 89.5      | 22.3097 | 32.1103 |
| 2009 | 6     | 30  | 18   | 42     | 17     | 0.3       | 3       | 1.61  | 88        | 22.3097 | 31.5874 |
| 2009 | 6     | 30  | 18   | 52     | 17     | 0.3       | 3       | 1.61  | 90        | 22.3358 | 31.8212 |
| 2009 | 6     | 30  | 19   | 2      | 17     | 0.3       | 3       | 1.6   | 86.7      | 22.3358 | 31.5595 |
| 2009 | 6     | 30  | 19   | 12     | 17     | 0.3       | 3       | 1.64  | 89.8      | 22.3358 | 32.2793 |
| 2009 | 6     | 30  | 19   | 22     | 17     | 0.3       | 3       | 1.65  | 88.2      | 22.3358 | 32.6065 |
| 2009 | 6     | 30  | 19   | 32     | 17     | 0.3       | 3       | 1.6   | 86.4      | 22.3358 | 31.5595 |
| 2009 | 6     | 30  | 19   | 42     | 17     | 0.3       | 3       | 1.62  | 89.2      | 22.3358 | 31.952  |
| 2009 | 6     | 30  | 19   | 52     | 17     | 0.3       | 3       | 1.63  | 88.2      | 22.3358 | 32.0829 |
| 2009 | 6     | 30  | 20   | 2      | 17     | 0.3       | 3       | 1.63  | 87.5      | 22.3358 | 32.0829 |
| 2009 | 6     | 30  | 20   | 12     | 17     | 0.3       | 3       | 1.63  | 89.1      | 22.3358 | 32.2138 |
| 2009 | 6     | 30  | 20   | 22     | 17     | 0.3       | 3       | 1.67  | 88.6      | 22.3358 | 32.8683 |
| 2009 | 6     | 30  | 20   | 32     | 17     | 0.3       | 3       | 1.69  | 88.2      | 22.3358 | 33.2611 |
| 2009 | 6     | 30  | 20   | 42     | 17     | 0.3       | 3       | 1.56  | 88.4      | 22.3619 | 30.6799 |
| 2009 | 6     | 30  | 20   | 52     | 17     | 0.3       | 3       | 1.65  | 89.4      | 22.3358 | 32.6065 |
| 2009 | 6     | 30  | 21   | 2      | 17     | 0.3       | 3       | 1.6   | 87.3      | 22.3358 | 31.5595 |
| 2009 | 6     | 30  | 21   | 12     | 17     | 0.3       | 3       | 1.66  | 90.1      | 22.3619 | 32.7107 |
| 2009 | 6     | 30  | 21   | 22     | 17     | 0.3       | 3       | 1.61  | 87.3      | 22.3619 | 31.7934 |
| 2009 | 6     | 30  | 21   | 32     | 17     | 0.3       | 3       | 1.62  | 89.1      | 22.3619 | 32.0554 |
| 2009 | 6     | 30  | 21   | 42     | 17     | 0.3       | 3       | 1.64  | 88.9      | 22.3619 | 32.383  |
| 2009 | 6     | 30  | 21   | 52     | 17     | 0.3       | 3       | 1.62  | 88.6      | 22.3619 | 31.9244 |
| 2009 | 6     | 30  | 22   | 2      | 17     | 0.3       | 3       | 1.58  | 88.5      | 22.3619 | 31.1384 |
| 2009 | 6     | 30  | 22   | 12     | 17     | 0.3       | 3       | 1.69  | 88.6      | 22.3619 | 33.3661 |
| 2009 | 6     | 30  | 22   | 22     | 17     | 0.3       | 3       | 1.59  | 87.9      | 22.3619 | 31.3349 |
| 2009 | 6     | 30  | 22   | 32     | 17     | 0.3       | 3       | 1.59  | 87.2      | 22.3619 | 31.4004 |
| 2009 | 6     | 30  | 22   | 42     | 17     | 0.3       | 3       | 1.62  | 85.6      | 22.3619 | 31.9244 |
| 2009 | 6     | 30  | 22   | 52     | 17     | 0.3       | 3       | 1.63  | 87.5      | 22.3619 | 32.0554 |
| 2009 | 6     | 30  | 23   | 2      | 17     | 0.3       | 3       | 1.64  | 88.4      | 22.3619 | 32.3175 |
| 2009 | 6     | 30  | 23   | 12     | 17     | 0.3       | 3       | 1.64  | 87.9      | 22.3619 | 32.3175 |
| 2009 | 6     | 30  | 23   | 22     | 17     | 0.3       | 3       | 1.62  | 89.2      | 22.3619 | 31.9244 |
| 2009 | 6     | 30  | 23   | 32     | 17     | 0.3       | 3       | 1.6   | 88.4      | 22.3619 | 31.5314 |
| 2009 | 6     | 30  | 23   | 42     | 17     | 0.3       | 3       | 1.63  | 87.1      | 22.3619 | 32.121  |
| 2009 | 6     | 30  | 23   | 52     | 17     | 0.3       | 3       | 1.57  | 86.9      | 22.3619 | 30.8764 |

# Locust Ditch Return

|         |      |
|---------|------|
| STA     | 0215 |
| YEAR    | 2009 |
| MO      | 6    |
| CFS1    | 0    |
| CFS2    | 0    |
| CFS3    | 0    |
| CFS4    | 0    |
| CFS5    | 0    |
| CFS6    | 0    |
| CFS7    | 0    |
| CFS8    | 0    |
| CFS9    | 0    |
| CFS10   | 0    |
| CFS11   | 0    |
| CFS12   | 0    |
| CFS13   | 0    |
| CFS14   | 0    |
| CFS15   | 0    |
| CFS16   | 0    |
| CFS17   | 0    |
| CFS18   | 0    |
| CFS19   | 0    |
| CFS20   | 0    |
| CFS21   | 0    |
| CFS22   | 0    |
| CFS23   | 0    |
| CFS24   | 0    |
| CFS25   | 0    |
| CFS26   | 0    |
| CFS27   | 0    |
| CFS28   | 0    |
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| CFS31   | 0    |
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| AVECFS  | 0    |
| PEAKCFS | 0    |
| DY      | 0    |
| TIME    | 0    |
| MINCFS  | 0    |
| DY      | 0    |
| TIME    | 0    |

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| 06/30/09 | 23:15 | 0.00 |
| 06/30/09 | 23:30 | 0.00 |
| 06/30/09 | 23:45 | 0.00 |
| 07/01/09 | 00:00 | 0.00 |

File\_Name 090602MR.EST.WAD  
 Start\_Date\_and\_Time 2009/06/02 10:56:15  
 Site\_Name LOR MANZANAR EAST  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P2352  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge REW  
 #\_Stations 7  
 Total\_Width 5.800 ft  
 Total\_Area 12.810 ft^2  
 Total\_Discharge 45.8946 cfs  
 Mean\_Depth 2.209 ft  
 Mean\_Velocity 3.5826 ft/s  
 Mean\_SNR 30.0 dB  
 Mean\_Verr 0.1341 ft/s  
 Mean\_Temp 66.38 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 8.3 %  
 Accuracy 1.0 %  
 Depth 0.2 %  
 Velocity 1.2 %  
 Width 0.2 %  
 Method 2.3 %  
 #\_Stations 7.8 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 3.9 %  
 Accuracy 1.0 %  
 Depth 2.7 %  
 Velocity 2.5 %  
 Width 0.2 %

#### Supplemental\_Data

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/02 | 10:54:13 | 0.000        | 2.980            | 40.2523         |          |



## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/2/2009 10:54

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc  | Depth | IceD | %Dep  | MeasD | Npts | Spike | Vel  | SNR | Angle  | Verr | Bnd   | Temp  | CorrFact | MeanV | Area    | Flow | %Q     |        |       |     |   |
|----|-------|------|-------|------|-------|-------|------|-------|------|-----|--------|------|-------|-------|----------|-------|---------|------|--------|--------|-------|-----|---|
| () | ()    | (ft) | (ft)  |      | (*D)  | (ft)  | ()   |       | ()   |     | (ft/s) | (dB) | (deg) | (deg) | (ft/s)   | ()    | (degF)  | ()   | (ft/s) | (ft^2) | (cfs) | (%) |   |
| 0  | 10:56 | 0    | 0     | 0    | 0     | 0     | 0    | 0     | 0    | 0   | 0      | 0    | 0     | 0     | 0        | 0     | 0       | 0    | 1      | 0      | 0     | 0   | 0 |
| 1  | 10:56 | 1    | 2.45  | 0.6  | 0.98  | 40    | 0    | 4.711 | 31.4 | 0   | 0.131  | 0    | 66.33 | 1     | 4.7113   | 2.45  | 11.5433 | 25.2 |        |        |       |     |   |
| 2  | 11:00 | 2    | 2.95  | 0.2  | 2.36  | 40    | 1    | 4.035 | 33.5 | 0   | 0.136  | 0    | 66.36 | 1     | 4.0108   | 2.95  | 11.8325 | 25.8 |        |        |       |     |   |
| 2  | 10:59 | 2    | 2.95  | 0.6  | 1.18  | 40    | 1    | 4.175 | 29.9 | 0   | 0.115  | 0    | 66.34 | 0     | 0        | 0     | 0       | 0    | 0      | 0      | 0     | 0   |   |
| 2  | 10:58 | 2    | 2.95  | 0.8  | 0.59  | 40    | 0    | 3.658 | 28.6 | -1  | 0.15   | 0    | 66.34 | 0     | 0        | 0     | 0       | 0    | 0      | 0      | 0     | 0   |   |
| 3  | 11:02 | 3    | 2.99  | 0.2  | 2.392 | 40    | 1    | 3.466 | 30.5 | -3  | 0.14   | 0    | 66.34 | 1     | 3.6649   | 2.99  | 10.9585 | 23.9 |        |        |       |     |   |
| 3  | 11:03 | 3    | 2.99  | 0.6  | 1.196 | 40    | 0    | 4.018 | 29.2 | 1   | 0.138  | 0    | 66.36 | 0     | 0        | 0     | 0       | 0    | 0      | 0      | 0     | 0   |   |
| 3  | 11:04 | 3    | 2.99  | 0.8  | 0.598 | 40    | 0    | 3.157 | 27.9 | 3   | 0.131  | 0    | 66.38 | 0     | 0        | 0     | 0       | 0    | 0      | 0      | 0     | 0   |   |
| 4  | 11:09 | 4    | 2.62  | 0.2  | 2.096 | 40    | 0    | 2.183 | 31.1 | -3  | 0.122  | 0    | 66.42 | 1     | 2.7647   | 2.62  | 7.2437  | 15.8 |        |        |       |     |   |
| 4  | 11:08 | 4    | 2.62  | 0.6  | 1.048 | 40    | 0    | 3.111 | 28.8 | 1   | 0.154  | 0    | 66.42 | 0     | 0        | 0     | 0       | 0    | 0      | 0      | 0     | 0   |   |
| 4  | 11:06 | 4    | 2.62  | 0.8  | 0.524 | 40    | 0    | 2.654 | 27.9 | 1   | 0.147  | 0    | 66.4  | 0     | 0        | 0     | 0       | 0    | 0      | 0      | 0     | 0   |   |
| 5  | 11:10 | 5    | 2     | 0.6  | 0.8   | 40    | 4    | 2.398 | 29.4 | -4  | 0.129  | 0    | 66.43 | 1     | 2.3983   | 1.8   | 4.3166  | 9.4  |        |        |       |     |   |
| 6  | 11:10 | 5.8  | 0     | 0    | 0     | 0     | 0    | 0     | 0    | 0   | 0      | 0    | 0     | 0     | 0        | 0     | 0       | 0    | 1      | 0      | 0     | 0   | 0 |

File\_Name 090602MR.WST.WAD  
 Start\_Date\_and\_Time 2009/06/02 10:38:03  
 Site\_Name LOR MANZANAR WEST  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P2352  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge REW  
 #\_Stations 6  
 Total\_Width 5.300 ft  
 Total\_Area 9.970 ft^2  
 Total\_Discharge 38.5348 cfs  
 Mean\_Depth 1.881 ft  
 Mean\_Velocity 3.8650 ft/s  
 Mean\_SNR 29.3 dB  
 Mean\_Verr 0.1198 ft/s  
 Mean\_Temp 66.24 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 9.9 %  
 Accuracy 1.0 %  
 Depth 0.3 %  
 Velocity 1.2 %  
 Width 0.3 %  
 Method 2.5 %  
 #\_Stations 9.4 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 8.3 %  
 Accuracy 1.0 %  
 Depth 5.3 %  
 Velocity 6.3 %  
 Width 0.3 %

#### Supplemental\_Data

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/02 | 10:35:36 | 0.000        | 2.800            | 40.2523         |          |

## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/2/2009 10:35

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc | Depth | IceD | %Dep | MeasD | Npts | Spike | Vel   | SNR  | Angle  | Verr  | Bnd | Temp  | CorrFact | MeanV  | Area | Flow    | %Q   |        |        |       |     |
|----|-------|-----|-------|------|------|-------|------|-------|-------|------|--------|-------|-----|-------|----------|--------|------|---------|------|--------|--------|-------|-----|
| () | ()    |     | (ft)  |      | (ft) | (*D)  | (ft) | ()    | ()    |      | (ft/s) | (dB)  |     | (deg) |          | (ft/s) | ()   | (degF)  | ()   | (ft/s) | (ft^2) | (cfs) | (%) |
| 0  | 10:38 |     | 0     | 0    | 0    |       | 0    | 0     | 0     | 0    | 0      | 0     | 0   | 0     | 0        | 0      | 0    | 0       | 1    | 0      | 0      | 0     | 0   |
| 1  | 10:39 |     | 1     | 2    | 0.6  | 0.8   | 40   | 1     | 2.583 | 26.9 | 7      | 0.137 | 0   | 66.2  | 1        | 2.5833 | 2    | 5.1667  | 13.4 |        |        |       |     |
| 2  | 10:43 |     | 2     | 2.72 | 0.2  | 2.176 | 40   | 0     | 4.542 | 32   | 2      | 0.115 | 0   | 66.24 | 1        | 4.2673 | 2.72 | 11.6077 | 30.1 |        |        |       |     |
| 2  | 10:42 |     | 2     | 2.72 | 0.6  | 1.088 | 40   | 0     | 4.426 | 29.7 | 3      | 0.122 | 0   | 66.22 | 0        | 0      | 0    | 0       | 0    |        |        |       |     |
| 2  | 10:41 |     | 2     | 2.72 | 0.8  | 0.544 | 40   | 0     | 3.675 | 29   | 4      | 0.118 | 0   | 66.22 | 0        | 0      | 0    | 0       | 0    |        |        |       |     |
| 3  | 10:45 |     | 3     | 2.72 | 0.2  | 2.176 | 40   | 0     | 4.431 | 32.5 | 2      | 0.086 | 0   | 66.24 | 1        | 4.3642 | 2.72 | 11.8712 | 30.8 |        |        |       |     |
| 3  | 10:46 |     | 3     | 2.72 | 0.6  | 1.088 | 40   | 1     | 4.633 | 29.6 | 3      | 0.116 | 0   | 66.25 | 0        | 0      | 0    | 0       | 0    |        |        |       |     |
| 3  | 10:47 |     | 3     | 2.72 | 0.8  | 0.544 | 40   | 0     | 3.76  | 28.6 | 5      | 0.116 | 0   | 66.25 | 0        | 0      | 0    | 0       | 0    |        |        |       |     |
| 4  | 10:49 |     | 4     | 2.2  | 0.6  | 0.88  | 40   | 1     | 3.909 | 30.1 | 0      | 0.118 | 0   | 66.27 | 1        | 3.9088 | 2.53 | 9.8893  | 25.7 |        |        |       |     |
| 5  | 10:49 |     | 5.3   | 0    | 0    | 0     | 0    | 0     | 0     | 0    | 0      | 0     | 0   | 0     | 0        | 0      | 0    | 0       | 1    | 0      | 0      | 0     | 0   |

File\_Name 090603MR.EST.WAD  
 Start\_Date\_and\_Time 2009/06/03 13:17:04  
 Site\_Name LOR MANZANAR EAST  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P2352  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge REW  
 #\_Stations 7  
 Total\_Width 5.800 ft  
 Total\_Area 12.642 ft^2  
 Total\_Discharge 44.6220 cfs  
 Mean\_Depth 2.180 ft  
 Mean\_Velocity 3.5296 ft/s  
 Mean\_SNR 28.9 dB  
 Mean\_Verr 0.1370 ft/s  
 Mean\_Temp 64.71 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 8.2 %  
 Accuracy 1.0 %  
 Depth 0.2 %  
 Velocity 1.2 %  
 Width 0.2 %  
 Method 2.2 %  
 #\_Stations 7.8 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 3.5 %  
 Accuracy 1.0 %  
 Depth 2.9 %  
 Velocity 1.7 %  
 Width 0.2 %

#### Supplemental\_Data

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/03 | 13:15:41 | 0.000        | 2.960            | 39.8223         |          |

## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/3/2009 13:16

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc | Depth | IceD | %Dep | MeasD | Npts | Spike | Vel   | SNR  | Angle  | Verr  | Bnd | Temp  | CorrFact | MeanV  | Area  | Flow   | %Q     |        |         |       |     |
|----|-------|-----|-------|------|------|-------|------|-------|-------|------|--------|-------|-----|-------|----------|--------|-------|--------|--------|--------|---------|-------|-----|
| () |       | ()  | (ft)  |      | (ft) | (*D)  | (ft) |       | ()    |      | (ft/s) | (dB)  |     | (deg) |          | (ft/s) | ()    | (degF) | ()     | (ft/s) | (ft^2)  | (cfs) | (%) |
| 0  | 13:17 |     | 0     | 0    | 0    | 0     | 0    | 0     | 0     | 0    | 0      | 0     | 0   | 0     | 0        | 0      | 0     | 0      | 1      | 0      | 0       | 0     | 0   |
| 1  | 13:17 |     | 1     | 2.37 | 0.6  | 0.948 | 40   | 0     | 4.272 | 29.7 | 0      | 0.125 | 0   | 0     | 0.125    | 0      | 64.71 | 1      | 4.272  | 2.37   | 10.1249 | 22.7  |     |
| 2  | 13:20 |     | 2     | 2.91 | 0.2  | 2.328 | 40   | 0     | 4.155 | 32.4 | 3      | 0.134 | 0   | 3     | 0.134    | 0      | 64.71 | 1      | 4.1324 | 2.91   | 12.0257 | 27    |     |
| 2  | 13:19 |     | 2     | 2.91 | 0.6  | 1.164 | 40   | 0     | 4.451 | 28.8 | 0      | 0.147 | 0   | 0     | 0.147    | 0      | 64.71 | 0      | 0      | 0      | 0       | 0     |     |
| 2  | 13:19 |     | 2     | 2.91 | 0.8  | 0.582 | 40   | 0     | 3.472 | 26.6 | 0      | 0.162 | 0   | 0     | 0.162    | 0      | 64.71 | 0      | 0      | 0      | 0       | 0     |     |
| 3  | 13:23 |     | 3     | 2.96 | 0.2  | 2.368 | 40   | 0     | 3.407 | 31.6 | -5     | 0.155 | 0   | -5    | 0.155    | 0      | 64.71 | 1      | 3.7795 | 2.96   | 11.1873 | 25.1  |     |
| 3  | 13:24 |     | 3     | 2.96 | 0.6  | 1.184 | 40   | 2     | 3.975 | 29   | 2      | 0.119 | 0   | 2     | 0.119    | 0      | 64.71 | 0      | 0      | 0      | 0       | 0     |     |
| 3  | 13:25 |     | 3     | 2.96 | 0.8  | 0.592 | 40   | 1     | 3.762 | 27.7 | -1     | 0.151 | 0   | -1    | 0.151    | 0      | 64.72 | 0      | 0      | 0      | 0       | 0     |     |
| 4  | 13:30 |     | 4     | 2.62 | 0.2  | 2.096 | 40   | 0     | 2.172 | 29.4 | -6     | 0.143 | 0   | -6    | 0.143    | 0      | 64.72 | 1      | 2.9156 | 2.62   | 7.6391  | 17.1  |     |
| 4  | 13:27 |     | 4     | 2.62 | 0.6  | 1.048 | 40   | 0     | 3.338 | 28.3 | 2      | 0.169 | 0   | 2     | 0.169    | 0      | 64.72 | 0      | 0      | 0      | 0       | 0     |     |
| 4  | 13:27 |     | 4     | 2.62 | 0.8  | 0.524 | 40   | 1     | 2.815 | 27.7 | 2      | 0.131 | 0   | 2     | 0.131    | 0      | 64.72 | 0      | 0      | 0      | 0       | 0     |     |
| 5  | 13:31 |     | 5     | 1.98 | 0.6  | 0.792 | 40   | 1     | 2.046 | 27.5 | -2     | 0.123 | 0   | -2    | 0.123    | 0      | 64.72 | 1      | 2.0456 | 1.782  | 3.645   | 8.2   |     |
| 6  | 13:31 |     | 5.8   | 0    | 0    | 0     | 0    | 0     | 0     | 0    | 0      | 0     | 0   | 0     | 0        | 0      | 0     | 1      | 0      | 0      | 0       | 0     |     |

File\_Name 090603MR.WST.WAD  
 Start\_Date\_and\_Time 2009/06/03 13:03:31  
 Site\_Name LOR MANZANAR WEST  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P2352  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge REW  
 #\_Stations 6  
 Total\_Width 5.300 ft  
 Total\_Area 9.830 ft^2  
 Total\_Discharge 37.8754 cfs  
 Mean\_Depth 1.855 ft  
 Mean\_Velocity 3.8532 ft/s  
 Mean\_SNR 28.5 dB  
 Mean\_Verr 0.1209 ft/s  
 Mean\_Temp 64.69 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 9.9 %  
 Accuracy 1.0 %  
 Depth 0.3 %  
 Velocity 1.2 %  
 Width 0.3 %  
 Method 2.6 %  
 #\_Stations 9.4 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 6.2 %  
 Accuracy 1.0 %  
 Depth 4.8 %  
 Velocity 3.8 %  
 Width 0.3 %

#### Supplemental\_Data

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/03 | 13:01:48 | 0.000        | 2.700            | 39.8223         |          |

## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/3/2009 13:01

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc | Depth | IceD | %Dep | MeasD | Npts | Spike | Vel   | SNR  | Angle  | Verr  | Bnd | Temp  | CorrFact | MeanV  | Area  | Flow    | %Q   |        |        |       |     |
|----|-------|-----|-------|------|------|-------|------|-------|-------|------|--------|-------|-----|-------|----------|--------|-------|---------|------|--------|--------|-------|-----|
| () | ()    |     | (ft)  | (ft) | (*D) | (ft)  |      | ()    | ()    |      | (ft/s) | (dB)  |     | (deg) |          | (ft/s) | ()    | (degF)  | ()   | (ft/s) | (ft^2) | (cfs) | (%) |
| 0  | 13:03 |     | 0     | 0    | 0    | 0     | 0    | 0     | 0     | 0    | 0      | 0     | 0   | 0     | 0        | 0      | 0     | 0       | 1    | 0      | 0      | 0     | 0   |
| 1  | 13:03 |     | 1     | 2.08 | 0.6  | 0.832 | 40   | 0     | 3.194 | 27.7 | 4      | 0.128 | 0   | 64.69 | 1        | 3.1936 | 2.08  | 6.6428  | 17.5 |        |        |       |     |
| 2  | 13:06 |     | 2     | 2.68 | 0.2  | 2.144 | 40   | 0     | 4.373 | 30.7 | 5      | 0.101 | 0   | 64.69 | 1        | 4.1435 | 2.68  | 11.1052 | 29.3 |        |        |       |     |
| 2  | 13:05 |     | 2     | 2.68 | 0.6  | 1.072 | 40   | 0     | 4.292 | 28.4 | 0      | 0.112 | 0   | 64.69 | 0        | 0      | 0     | 0       | 0    | 0      | 0      | 0     | 0   |
| 2  | 13:05 |     | 2     | 2.68 | 0.8  | 0.536 | 40   | 0     | 3.617 | 27   | 3      | 0.138 | 0   | 64.69 | 0        | 0      | 0     | 0       | 0    | 0      | 0      | 0     | 0   |
| 3  | 13:08 |     | 3     | 2.62 | 0.2  | 2.096 | 40   | 0     | 4.302 | 30.3 | 4      | 0.13  | 0   | 64.69 | 1        | 4.143  | 2.62  | 10.8551 | 28.7 |        |        |       |     |
| 3  | 13:09 |     | 3     | 2.62 | 0.6  | 1.048 | 40   | 0     | 4.41  | 28.4 | 2      | 0.101 | 0   | 64.71 | 0        | 0      | 0     | 0       | 0    | 0      | 0      | 0     | 0   |
| 3  | 13:10 |     | 3     | 2.62 | 0.8  | 0.524 | 40   | 0     | 3.451 | 27.3 | 1      | 0.143 | 0   | 64.69 | 0        | 0      | 0     | 0       | 0    | 0      | 0      | 0     | 0   |
| 4  | 13:12 |     | 4     | 2.13 | 0.6  | 0.852 | 40   | 0     | 3.786 | 29   | -3     | 0.114 | 0   | 64.69 | 1        | 3.7858 | 2.449 | 9.2724  | 24.5 |        |        |       |     |
| 5  | 13:12 | 5.3 | 0     | 0    | 0    | 0     | 0    | 0     | 0     | 0    | 0      | 0     | 0   | 0     | 0        | 0      | 0     | 0       | 1    | 0      | 0      | 0     | 0   |

File\_Name 090616MR.EST.WAD  
 Start\_Date\_and\_Time 2009/06/16 14:51:33  
 Site\_Name LOR MANZANAR EAST  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P2352  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge REW  
 #\_Stations 6  
 Total\_Width 5.300 ft  
 Total\_Area 7.149 ft^2  
 Total\_Discharge 26.5174 cfs  
 Mean\_Depth 1.349 ft  
 Mean\_Velocity 3.7092 ft/s  
 Mean\_SNR 30.7 dB  
 Mean\_Verr 0.1598 ft/s  
 Mean\_Temp 65.96 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 9.9 %  
 Accuracy 1.0 %  
 Depth 0.3 %  
 Velocity 1.7 %  
 Width 0.3 %  
 Method 2.3 %  
 #\_Stations 9.4 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 10.4 %  
 Accuracy 1.0 %  
 Depth 6.0 %  
 Velocity 8.4 %  
 Width 0.3 %

#### Supplemental\_Data

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/16 | 14:50:07 | 0.000        | 2.000            | 25.5815         |          |



## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/16/2009 14:50

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc | Depth | IceD | %Dep | MeasD | Npts | Spike | Vel | SNR | Angle  | Verr | Bnd | Temp  | CorrFact | MeanV  | Area  | Flow   | %Q     |        |        |       |     |
|----|-------|-----|-------|------|------|-------|------|-------|-----|-----|--------|------|-----|-------|----------|--------|-------|--------|--------|--------|--------|-------|-----|
| () | ()    |     | (ft)  |      | (ft) | (*D)  | (ft) | ()    |     | ()  | (ft/s) | (dB) |     | (deg) |          | (ft/s) | ()    | (degF) | ()     | (ft/s) | (ft^2) | (cfs) | (%) |
| 0  | 14:51 |     | 0     | 0    | 0    |       | 0    |       | 0   | 0   | 0      | 0    |     | 0     | 0        | 0      | 0     | 0      | 1      | 0      | 0      | 0     | 0   |
| 1  | 14:52 |     | 1     | 1.49 | 0.6  | 0.596 | 40   |       | 40  | 0   | 3.096  | 29.4 |     | -1    | 0.156    | 0      | 65.93 | 1      | 3.0958 | 1.49   | 4.6132 | 17.4  |     |
| 2  | 14:56 |     | 2     | 2    | 0.2  | 1.6   | 40   |       | 40  | 0   | 4.051  | 32.7 |     | 8     | 0.153    | 0      | 65.95 | 1      | 4.5401 | 2      | 9.0802 | 34.2  |     |
| 2  | 14:55 |     | 2     | 2    | 0.6  | 0.8   | 40   |       | 40  | 0   | 4.924  | 30.9 |     | 3     | 0.151    | 0      | 65.95 | 0      | 0      | 0      | 0      | 0     |     |
| 2  | 14:54 |     | 2     | 2    | 0.8  | 0.4   | 40   |       | 40  | 0   | 4.262  | 30.5 |     | 3     | 0.154    | 0      | 65.95 | 0      | 0      | 0      | 0      | 0     |     |
| 3  | 14:58 |     | 3     | 1.98 | 0.2  | 1.584 | 40   |       | 40  | 0   | 3.956  | 32.4 |     | 3     | 0.151    | 0      | 65.97 | 1      | 4.199  | 1.98   | 8.3139 | 31.4  |     |
| 3  | 14:59 |     | 3     | 1.98 | 0.6  | 0.792 | 40   |       | 40  | 0   | 4.438  | 31.3 |     | 3     | 0.141    | 0      | 65.97 | 0      | 0      | 0      | 0      | 0     |     |
| 3  | 14:59 |     | 3     | 1.98 | 0.8  | 0.396 | 40   |       | 40  | 0   | 3.964  | 30.9 |     | 2     | 0.137    | 0      | 65.98 | 0      | 0      | 0      | 0      | 0     |     |
| 4  | 15:01 |     | 4     | 1.46 | 0.6  | 0.584 | 40   |       | 40  | 0   | 2.686  | 30.7 |     | 3     | 0.188    | 0      | 65.98 | 1      | 2.6864 | 1.679  | 4.51   | 17    |     |
| 5  | 15:01 | 5.3 |       | 0    |      | 0     |      | 0     | 0   | 0   | 0      | 0    |     | 0     | 0        | 0      | 0     | 0      | 1      | 0      | 0      | 0     | 0   |

File\_Name 090616MR.WST.WAD  
 Start\_Date\_and\_Time 2009/06/16 15:07:23  
 Site\_Name LOR MANZANAR EAST  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P2352  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge REW  
 #\_Stations 7  
 Total\_Width 5.800 ft  
 Total\_Area 9.070 ft^2  
 Total\_Discharge 28.0674 cfs  
 Mean\_Depth 1.564 ft  
 Mean\_Velocity 3.0946 ft/s  
 Mean\_SNR 30.8 dB  
 Mean\_Verr 0.1516 ft/s  
 Mean\_Temp 66.09 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 8.3 %  
 Accuracy 1.0 %  
 Depth 0.3 %  
 Velocity 1.7 %  
 Width 0.3 %  
 Method 2.3 %  
 #\_Stations 7.8 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 7.9 %  
 Accuracy 1.0 %  
 Depth 4.9 %  
 Velocity 6.1 %  
 Width 0.3 %

#### Supplemental\_Data

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/16 | 15:05:27 | 0.000        | 2.330            | 25.5815         |          |

## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/16/2009 15:05

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc  | Depth | IceD | %Dep  | MeasD | Npts | Spike | Vel  | SNR | Angle  | Verr | Bnd   | Temp  | CorrFact | MeanV | Area    | Flow | %Q |        |        |       |     |
|----|-------|------|-------|------|-------|-------|------|-------|------|-----|--------|------|-------|-------|----------|-------|---------|------|----|--------|--------|-------|-----|
| () | ()    | (ft) | (ft)  |      | (*D)  | (ft)  |      |       | ()   |     | (ft/s) | (dB) |       | (deg) | (ft/s)   | ()    | (degF)  |      | () | (ft/s) | (ft^2) | (cfs) | (%) |
| 0  | 15:07 | 0    | 0     | 0    | 0     | 0     | 0    | 0     | 0    | 0   | 0      | 0    | 0     | 0     | 0        | 0     | 0       | 0    | 1  | 0      | 0      | 0     | 0   |
| 1  | 15:07 | 1    | 1.67  | 0.6  | 0.668 | 40    | 0    | 4.106 | 31.6 | -1  | 0.185  | 0    | 66.04 | 1     | 4.106    | 1.67  | 6.8568  | 24.4 |    |        |        |       |     |
| 2  | 15:11 | 2    | 2.28  | 0.2  | 1.824 | 40    | 0    | 4.628 | 34   | 3   | 0.161  | 0    | 66.06 | 1     | 4.4843   | 2.28  | 10.2236 | 36.4 |    |        |        |       |     |
| 2  | 15:10 | 2    | 2.28  | 0.6  | 0.912 | 40    | 0    | 4.803 | 30.5 | 2   | 0.192  | 0    | 66.06 | 0     | 0        | 0     | 0       | 0    | 0  |        |        |       |     |
| 2  | 15:09 | 2    | 2.28  | 0.8  | 0.456 | 40    | 0    | 3.703 | 30.3 | 0   | 0.189  | 0    | 66.06 | 0     | 0        | 0     | 0       | 0    | 0  |        |        |       |     |
| 3  | 15:12 | 3    | 2.33  | 0.2  | 1.864 | 40    | 0    | 2.597 | 32.2 | -1  | 0.167  | 0    | 66.07 | 1     | 3.3805   | 2.33  | 7.8767  | 28.1 |    |        |        |       |     |
| 3  | 15:13 | 3    | 2.33  | 0.6  | 0.932 | 40    | 0    | 3.856 | 30.9 | 4   | 0.128  | 0    | 66.09 | 0     | 0        | 0     | 0       | 0    | 0  |        |        |       |     |
| 3  | 15:14 | 3    | 2.33  | 0.8  | 0.466 | 40    | 0    | 3.214 | 29.9 | 4   | 0.125  | 0    | 66.09 | 0     | 0        | 0     | 0       | 0    | 0  |        |        |       |     |
| 4  | 15:18 | 4    | 1.8   | 0.2  | 1.44  | 40    | 0    | 0.678 | 30.3 | -15 | 0.125  | 0    | 66.13 | 1     | 1.5633   | 1.8   | 2.8138  | 10   |    |        |        |       |     |
| 4  | 15:17 | 4    | 1.8   | 0.6  | 0.72  | 40    | 1    | 2.088 | 30.7 | 7   | 0.179  | 0    | 66.13 | 0     | 0        | 0     | 0       | 0    | 0  |        |        |       |     |
| 4  | 15:16 | 4    | 1.8   | 0.8  | 0.36  | 40    | 0    | 1.399 | 30.5 | -1  | 0.148  | 0    | 66.11 | 0     | 0        | 0     | 0       | 0    | 0  |        |        |       |     |
| 5  | 15:20 | 5    | 1.1   | 0.6  | 0.44  | 40    | 2    | 0.3   | 29.2 | 0   | 0.102  | 0    | 66.15 | 1     | 0.2995   | 0.99  | 0.2965  | 1.1  |    |        |        |       |     |
| 6  | 15:20 | 5.8  | 0     | 0    | 0     | 0     | 0    | 0     | 0    | 0   | 0      | 0    | 0     | 1     | 0        | 0     | 0       | 0    | 0  |        |        |       |     |

Device Level TROLL® 500  
 Site LOR @ Manzanar Reward

| Date and Time  | Elapsed Time<br>Seconds | Sensor: Pres 5G<br>SN#: 140628<br>Temperature (F) | Sensor: Pres 5G<br>SN#: 140628<br>Pressure (PSI) | Level<br>(ft) | Flow<br>(CFS)    |
|----------------|-------------------------|---------------------------------------------------|--------------------------------------------------|---------------|------------------|
|                |                         |                                                   |                                                  |               |                  |
| 6/1/2009 0:00  | 1079100                 | 68.233                                            |                                                  | 1.154         | 2.66574 66.44317 |
| 6/1/2009 0:15  | 1080000                 | 68.164                                            |                                                  | 1.151         | 2.65881 66.13532 |
| 6/1/2009 0:30  | 1080900                 | 68.091                                            |                                                  | 1.148         | 2.65188 65.82747 |
| 6/1/2009 0:45  | 1081800                 | 68.006                                            |                                                  | 1.151         | 2.65881 66.13532 |
| 6/1/2009 1:00  | 1082700                 | 67.921                                            |                                                  | 1.15          | 2.6565 66.0327   |
| 6/1/2009 1:15  | 1083600                 | 67.839                                            |                                                  | 1.155         | 2.66805 66.54579 |
| 6/1/2009 1:30  | 1084500                 | 67.761                                            |                                                  | 1.153         | 2.66343 66.34055 |
| 6/1/2009 1:45  | 1085400                 | 67.688                                            |                                                  | 1.163         | 2.68653 67.36672 |
| 6/1/2009 2:00  | 1086300                 | 67.62                                             |                                                  | 1.16          | 2.6796 67.05887  |
| 6/1/2009 2:15  | 1087200                 | 67.544                                            |                                                  | 1.157         | 2.67267 66.75102 |
| 6/1/2009 2:30  | 1088100                 | 67.468                                            |                                                  | 1.16          | 2.6796 67.05887  |
| 6/1/2009 2:45  | 1089000                 | 67.399                                            |                                                  | 1.166         | 2.69346 67.67457 |
| 6/1/2009 3:00  | 1089900                 | 67.323                                            |                                                  | 1.169         | 2.70039 67.98242 |
| 6/1/2009 3:15  | 1090800                 | 67.265                                            |                                                  | 1.171         | 2.70501 68.18766 |
| 6/1/2009 3:30  | 1091700                 | 67.197                                            |                                                  | 1.164         | 2.68884 67.46934 |
| 6/1/2009 3:45  | 1092600                 | 67.138                                            |                                                  | 1.169         | 2.70039 67.98242 |
| 6/1/2009 4:00  | 1093500                 | 67.081                                            |                                                  | 1.169         | 2.70039 67.98242 |
| 6/1/2009 4:15  | 1094400                 | 67.026                                            |                                                  | 1.173         | 2.70963 68.39289 |
| 6/1/2009 4:30  | 1095300                 | 66.966                                            |                                                  | 1.173         | 2.70963 68.39289 |
| 6/1/2009 4:45  | 1096200                 | 66.907                                            |                                                  | 1.178         | 2.72118 68.90598 |
| 6/1/2009 5:00  | 1097100                 | 66.847                                            |                                                  | 1.178         | 2.72118 68.90598 |
| 6/1/2009 5:15  | 1098000                 | 66.798                                            |                                                  | 1.184         | 2.73504 69.52168 |
| 6/1/2009 5:30  | 1098900                 | 66.739                                            |                                                  | 1.181         | 2.72811 69.21383 |
| 6/1/2009 5:45  | 1099800                 | 66.699                                            |                                                  | 1.176         | 2.71656 68.70074 |
| 6/1/2009 6:00  | 1100700                 | 66.656                                            |                                                  | 1.179         | 2.72349 69.0086  |
| 6/1/2009 6:15  | 1101600                 | 66.626                                            |                                                  | 1.185         | 2.73735 69.6243  |
| 6/1/2009 6:30  | 1102500                 | 66.596                                            |                                                  | 1.187         | 2.74197 69.82953 |
| 6/1/2009 6:45  | 1103400                 | 66.572                                            |                                                  | 1.181         | 2.72811 69.21383 |
| 6/1/2009 7:00  | 1104300                 | 66.551                                            |                                                  | 1.184         | 2.73504 69.52168 |
| 6/1/2009 7:15  | 1105200                 | 66.547                                            |                                                  | 1.189         | 2.74659 70.03477 |
| 6/1/2009 7:30  | 1106100                 | 66.547                                            |                                                  | 1.191         | 2.75121 70.24    |
| 6/1/2009 7:45  | 1107000                 | 66.56                                             |                                                  | 1.192         | 2.75352 70.34262 |
| 6/1/2009 8:00  | 1107900                 | 66.593                                            |                                                  | 1.193         | 2.75583 70.44524 |
| 6/1/2009 8:15  | 1108800                 | 66.63                                             |                                                  | 1.188         | 2.74428 69.93215 |
| 6/1/2009 8:30  | 1109700                 | 66.666                                            |                                                  | 1.197         | 2.76507 70.8557  |
| 6/1/2009 8:45  | 1110600                 | 66.719                                            |                                                  | 1.194         | 2.75814 70.54785 |
| 6/1/2009 9:00  | 1111500                 | 66.792                                            |                                                  | 1.193         | 2.75583 70.44524 |
| 6/1/2009 9:15  | 1112400                 | 66.865                                            |                                                  | 1.199         | 2.76969 71.06094 |
| 6/1/2009 9:30  | 1113300                 | 66.953                                            |                                                  | 1.202         | 2.77662 71.36879 |
| 6/1/2009 9:45  | 1114200                 | 67.038                                            |                                                  | 1.202         | 2.77662 71.36879 |
| 6/1/2009 10:00 | 1115100                 | 67.128                                            |                                                  | 1.204         | 2.78124 71.57402 |
| 6/1/2009 10:15 | 1116000                 | 67.223                                            |                                                  | 1.199         | 2.76969 71.06094 |
| 6/1/2009 10:30 | 1116900                 | 67.34                                             |                                                  | 1.204         | 2.78124 71.57402 |
| 6/1/2009 10:45 | 1117800                 | 67.463                                            |                                                  | 1.204         | 2.78124 71.57402 |
| 6/1/2009 11:00 | 1118700                 | 67.583                                            |                                                  | 1.209         | 2.79279 72.08711 |
| 6/1/2009 11:15 | 1119600                 | 67.709                                            |                                                  | 1.205         | 2.78355 71.67664 |

|                |         |        |       |         |          |
|----------------|---------|--------|-------|---------|----------|
| 6/1/2009 11:30 | 1120500 | 67.838 | 1.209 | 2.79279 | 72.08711 |
| 6/1/2009 11:45 | 1121400 | 67.977 | 1.206 | 2.78586 | 71.77926 |
| 6/1/2009 12:00 | 1122300 | 68.121 | 1.206 | 2.78586 | 71.77926 |
| 6/1/2009 12:15 | 1123200 | 68.245 | 1.214 | 2.80434 | 72.6002  |
| 6/1/2009 12:30 | 1124100 | 68.39  | 1.213 | 2.80203 | 72.49758 |
| 6/1/2009 12:45 | 1125000 | 68.544 | 1.217 | 2.81127 | 72.90805 |
| 6/1/2009 13:00 | 1125900 | 68.662 | 1.217 | 2.81127 | 72.90805 |
| 6/1/2009 13:15 | 1126800 | 68.784 | 1.214 | 2.80434 | 72.6002  |
| 6/1/2009 13:30 | 1127700 | 68.941 | 1.213 | 2.80203 | 72.49758 |
| 6/1/2009 13:45 | 1128600 | 68.979 | 1.217 | 2.81127 | 72.90805 |
| 6/1/2009 14:00 | 1129500 | 69.067 | 1.221 | 2.82051 | 73.31852 |
| 6/1/2009 14:15 | 1130400 | 69.203 | 1.218 | 2.81358 | 73.01066 |
| 6/1/2009 14:30 | 1131300 | 69.295 | 1.218 | 2.81358 | 73.01066 |
| 6/1/2009 14:45 | 1132200 | 69.291 | 1.224 | 2.82744 | 73.62637 |
| 6/1/2009 15:00 | 1133100 | 69.287 | 1.225 | 2.82975 | 73.72898 |
| 6/1/2009 15:15 | 1134000 | 69.278 | 1.22  | 2.8182  | 73.2159  |
| 6/1/2009 15:30 | 1134900 | 69.262 | 1.224 | 2.82744 | 73.62637 |
| 6/1/2009 15:45 | 1135800 | 69.264 | 1.223 | 2.82513 | 73.52375 |
| 6/1/2009 16:00 | 1136700 | 69.259 | 1.225 | 2.82975 | 73.72898 |
| 6/1/2009 16:15 | 1137600 | 69.257 | 1.233 | 2.84823 | 74.54992 |
| 6/1/2009 16:30 | 1138500 | 69.255 | 1.227 | 2.83437 | 73.93422 |
| 6/1/2009 16:45 | 1139400 | 69.247 | 1.234 | 2.85054 | 74.65254 |
| 6/1/2009 17:00 | 1140300 | 69.243 | 1.23  | 2.8413  | 74.24207 |
| 6/1/2009 17:15 | 1141200 | 69.227 | 1.233 | 2.84823 | 74.54992 |
| 6/1/2009 17:30 | 1142100 | 69.195 | 1.233 | 2.84823 | 74.54992 |
| 6/1/2009 17:45 | 1143000 | 69.175 | 1.238 | 2.85978 | 75.06301 |
| 6/1/2009 18:00 | 1143900 | 69.146 | 1.236 | 2.85516 | 74.85777 |
| 6/1/2009 18:15 | 1144800 | 69.112 | 1.237 | 2.85747 | 74.96039 |
| 6/1/2009 18:30 | 1145700 | 69.08  | 1.238 | 2.85978 | 75.06301 |
| 6/1/2009 18:45 | 1146600 | 69.049 | 1.239 | 2.86209 | 75.16562 |
| 6/1/2009 19:00 | 1147500 | 69.011 | 1.241 | 2.86671 | 75.37086 |
| 6/1/2009 19:15 | 1148400 | 68.981 | 1.241 | 2.86671 | 75.37086 |
| 6/1/2009 19:30 | 1149300 | 68.922 | 1.246 | 2.87826 | 75.88394 |
| 6/1/2009 19:45 | 1150200 | 68.867 | 1.245 | 2.87595 | 75.78133 |
| 6/1/2009 20:00 | 1151100 | 68.792 | 1.245 | 2.87595 | 75.78133 |
| 6/1/2009 20:15 | 1152000 | 68.721 | 1.25  | 2.8875  | 76.29441 |
| 6/1/2009 20:30 | 1152900 | 68.654 | 1.248 | 2.88288 | 76.08918 |
| 6/1/2009 20:45 | 1153800 | 68.584 | 1.252 | 2.89212 | 76.49965 |
| 6/1/2009 21:00 | 1154700 | 68.52  | 1.256 | 2.90136 | 76.91012 |
| 6/1/2009 21:15 | 1155600 | 68.465 | 1.251 | 2.88981 | 76.39703 |
| 6/1/2009 21:30 | 1156500 | 68.407 | 1.249 | 2.88519 | 76.1918  |
| 6/1/2009 21:45 | 1157400 | 68.36  | 1.259 | 2.90829 | 77.21797 |
| 6/1/2009 22:00 | 1158300 | 68.303 | 1.254 | 2.89674 | 76.70488 |
| 6/1/2009 22:15 | 1159200 | 68.257 | 1.257 | 2.90367 | 77.01273 |
| 6/1/2009 22:30 | 1160100 | 68.2   | 1.251 | 2.88981 | 76.39703 |
| 6/1/2009 22:45 | 1161000 | 68.148 | 1.256 | 2.90136 | 76.91012 |
| 6/1/2009 23:00 | 1161900 | 68.093 | 1.258 | 2.90598 | 77.11535 |
| 6/1/2009 23:15 | 1162800 | 68.047 | 1.26  | 2.9106  | 77.32058 |
| 6/1/2009 23:30 | 1163700 | 67.99  | 1.261 | 2.91291 | 77.4232  |
| 6/1/2009 23:45 | 1164600 | 67.938 | 1.262 | 2.91522 | 77.52582 |
| 6/2/2009 0:00  | 1165500 | 67.884 | 1.267 | 2.92677 | 78.0389  |
| 6/2/2009 0:15  | 1166400 | 67.824 | 1.261 | 2.91291 | 77.4232  |

|                |         |        |       |         |          |
|----------------|---------|--------|-------|---------|----------|
| 6/2/2009 0:30  | 1167300 | 67.775 | 1.262 | 2.91522 | 77.52582 |
| 6/2/2009 0:45  | 1168200 | 67.717 | 1.263 | 2.91753 | 77.62844 |
| 6/2/2009 1:00  | 1169100 | 67.661 | 1.262 | 2.91522 | 77.52582 |
| 6/2/2009 1:15  | 1170000 | 67.606 | 1.264 | 2.91984 | 77.73105 |
| 6/2/2009 1:30  | 1170900 | 67.54  | 1.266 | 2.92446 | 77.93629 |
| 6/2/2009 1:45  | 1171800 | 67.488 | 1.268 | 2.92908 | 78.14152 |
| 6/2/2009 2:00  | 1172700 | 67.437 | 1.269 | 2.93139 | 78.24414 |
| 6/2/2009 2:15  | 1173600 | 67.379 | 1.27  | 2.9337  | 78.34676 |
| 6/2/2009 2:30  | 1174500 | 67.328 | 1.269 | 2.93139 | 78.24414 |
| 6/2/2009 2:45  | 1175400 | 67.27  | 1.269 | 2.93139 | 78.24414 |
| 6/2/2009 3:00  | 1176300 | 67.22  | 1.273 | 2.94063 | 78.65461 |
| 6/2/2009 3:15  | 1177200 | 67.159 | 1.276 | 2.94756 | 78.96246 |
| 6/2/2009 3:30  | 1178100 | 67.102 | 1.274 | 2.94294 | 78.75722 |
| 6/2/2009 3:45  | 1179000 | 67.052 | 1.278 | 2.95218 | 79.16769 |
| 6/2/2009 4:00  | 1179900 | 66.998 | 1.274 | 2.94294 | 78.75722 |
| 6/2/2009 4:15  | 1180800 | 66.947 | 1.277 | 2.94987 | 79.06508 |
| 6/2/2009 4:30  | 1181700 | 66.885 | 1.274 | 2.94294 | 78.75722 |
| 6/2/2009 4:45  | 1182600 | 66.829 | 1.273 | 2.94063 | 78.65461 |
| 6/2/2009 5:00  | 1183500 | 66.772 | 1.275 | 2.94525 | 78.85984 |
| 6/2/2009 5:15  | 1184400 | 66.721 | 1.284 | 2.96604 | 79.78339 |
| 6/2/2009 5:30  | 1185300 | 66.668 | 1.274 | 2.94294 | 78.75722 |
| 6/2/2009 5:45  | 1186200 | 66.613 | 1.28  | 2.9568  | 79.37293 |
| 6/2/2009 6:00  | 1187100 | 66.561 | 1.278 | 2.95218 | 79.16769 |
| 6/2/2009 6:15  | 1188000 | 66.521 | 1.282 | 2.96142 | 79.57816 |
| 6/2/2009 6:30  | 1188900 | 66.47  | 1.282 | 2.96142 | 79.57816 |
| 6/2/2009 6:45  | 1189800 | 66.426 | 1.279 | 2.95449 | 79.27031 |
| 6/2/2009 7:00  | 1190700 | 66.407 | 1.282 | 2.96142 | 79.57816 |
| 6/2/2009 7:15  | 1191600 | 66.386 | 1.279 | 2.95449 | 79.27031 |
| 6/2/2009 7:30  | 1192500 | 66.391 | 1.286 | 2.97066 | 79.98863 |
| 6/2/2009 7:45  | 1193400 | 66.4   | 1.281 | 2.95911 | 79.47554 |
| 6/2/2009 8:00  | 1194300 | 66.423 | 1.282 | 2.96142 | 79.57816 |
| 6/2/2009 8:15  | 1195200 | 66.451 | 1.286 | 2.97066 | 79.98863 |
| 6/2/2009 8:30  | 1196100 | 66.492 | 1.284 | 2.96604 | 79.78339 |
| 6/2/2009 8:45  | 1197000 | 66.533 | 1.284 | 2.96604 | 79.78339 |
| 6/2/2009 9:00  | 1197900 | 66.606 | 1.282 | 2.96142 | 79.57816 |
| 6/2/2009 9:15  | 1198800 | 66.668 | 1.288 | 2.97528 | 80.19386 |
| 6/2/2009 9:30  | 1199700 | 66.74  | 1.292 | 2.98452 | 80.60433 |
| 6/2/2009 9:45  | 1200600 | 66.815 | 1.283 | 2.96373 | 79.68078 |
| 6/2/2009 10:00 | 1201500 | 66.915 | 1.291 | 2.98221 | 80.50171 |
| 6/2/2009 10:15 | 1202400 | 67.005 | 1.287 | 2.97297 | 80.09125 |
| 6/2/2009 10:30 | 1203300 | 67.11  | 1.285 | 2.96835 | 79.88601 |
| 6/2/2009 10:45 | 1204200 | 67.232 | 1.288 | 2.97528 | 80.19386 |
| 6/2/2009 11:00 | 1205100 | 67.354 | 1.282 | 2.96142 | 79.57816 |
| 6/2/2009 11:15 | 1206000 | 67.462 | 1.288 | 2.97528 | 80.19386 |
| 6/2/2009 11:30 | 1206900 | 67.587 | 1.293 | 2.98683 | 80.70695 |
| 6/2/2009 11:45 | 1207800 | 67.695 | 1.291 | 2.98221 | 80.50171 |
| 6/2/2009 12:00 | 1208700 | 67.713 | 1.293 | 2.98683 | 80.70695 |
| 6/2/2009 12:15 | 1209600 | 67.726 | 1.29  | 2.9799  | 80.3991  |
| 6/2/2009 12:30 | 1210500 | 67.746 | 1.29  | 2.9799  | 80.3991  |
| 6/2/2009 12:45 | 1211400 | 67.777 | 1.286 | 2.97066 | 79.98863 |
| 6/2/2009 13:00 | 1212300 | 67.803 | 1.287 | 2.97297 | 80.09125 |
| 6/2/2009 13:15 | 1213200 | 67.835 | 1.294 | 2.98914 | 80.80957 |

|                |         |        |       |         |          |
|----------------|---------|--------|-------|---------|----------|
| 6/2/2009 13:30 | 1214100 | 67.865 | 1.291 | 2.98221 | 80.50171 |
| 6/2/2009 13:45 | 1215000 | 67.944 | 1.289 | 2.97759 | 80.29648 |
| 6/2/2009 14:00 | 1215900 | 68.043 | 1.29  | 2.9799  | 80.3991  |
| 6/2/2009 14:15 | 1216800 | 68.131 | 1.286 | 2.97066 | 79.98863 |
| 6/2/2009 14:30 | 1217700 | 68.237 | 1.293 | 2.98683 | 80.70695 |
| 6/2/2009 14:45 | 1218600 | 68.255 | 1.285 | 2.96835 | 79.88601 |
| 6/2/2009 15:00 | 1219500 | 68.292 | 1.288 | 2.97528 | 80.19386 |
| 6/2/2009 15:15 | 1220400 | 68.317 | 1.293 | 2.98683 | 80.70695 |
| 6/2/2009 15:30 | 1221300 | 68.355 | 1.295 | 2.99145 | 80.91218 |
| 6/2/2009 15:45 | 1222200 | 68.336 | 1.29  | 2.9799  | 80.3991  |
| 6/2/2009 16:00 | 1223100 | 68.345 | 1.293 | 2.98683 | 80.70695 |
| 6/2/2009 16:15 | 1224000 | 68.365 | 1.292 | 2.98452 | 80.60433 |
| 6/2/2009 16:30 | 1224900 | 68.376 | 1.288 | 2.97528 | 80.19386 |
| 6/2/2009 16:45 | 1225800 | 68.367 | 1.29  | 2.9799  | 80.3991  |
| 6/2/2009 17:00 | 1226700 | 68.35  | 1.289 | 2.97759 | 80.29648 |
| 6/2/2009 17:15 | 1227600 | 68.339 | 1.292 | 2.98452 | 80.60433 |
| 6/2/2009 17:30 | 1228500 | 68.317 | 1.298 | 2.99838 | 81.22003 |
| 6/2/2009 17:45 | 1229400 | 68.258 | 1.287 | 2.97297 | 80.09125 |
| 6/2/2009 18:00 | 1230300 | 68.222 | 1.292 | 2.98452 | 80.60433 |
| 6/2/2009 18:15 | 1231200 | 68.184 | 1.295 | 2.99145 | 80.91218 |
| 6/2/2009 18:30 | 1232100 | 68.15  | 1.292 | 2.98452 | 80.60433 |
| 6/2/2009 18:45 | 1233000 | 68.118 | 1.29  | 2.9799  | 80.3991  |
| 6/2/2009 19:00 | 1233900 | 68.071 | 1.292 | 2.98452 | 80.60433 |
| 6/2/2009 19:15 | 1234800 | 68.035 | 1.289 | 2.97759 | 80.29648 |
| 6/2/2009 19:30 | 1235700 | 68.003 | 1.29  | 2.9799  | 80.3991  |
| 6/2/2009 19:45 | 1236600 | 67.97  | 1.287 | 2.97297 | 80.09125 |
| 6/2/2009 20:00 | 1237500 | 67.921 | 1.286 | 2.97066 | 79.98863 |
| 6/2/2009 20:15 | 1238400 | 67.871 | 1.292 | 2.98452 | 80.60433 |
| 6/2/2009 20:30 | 1239300 | 67.816 | 1.29  | 2.9799  | 80.3991  |
| 6/2/2009 20:45 | 1240200 | 67.756 | 1.294 | 2.98914 | 80.80957 |
| 6/2/2009 21:00 | 1241100 | 67.702 | 1.288 | 2.97528 | 80.19386 |
| 6/2/2009 21:15 | 1242000 | 67.63  | 1.293 | 2.98683 | 80.70695 |
| 6/2/2009 21:30 | 1242900 | 67.551 | 1.292 | 2.98452 | 80.60433 |
| 6/2/2009 21:45 | 1243800 | 67.476 | 1.291 | 2.98221 | 80.50171 |
| 6/2/2009 22:00 | 1244700 | 67.409 | 1.288 | 2.97528 | 80.19386 |
| 6/2/2009 22:15 | 1245600 | 67.337 | 1.293 | 2.98683 | 80.70695 |
| 6/2/2009 22:30 | 1246500 | 67.269 | 1.288 | 2.97528 | 80.19386 |
| 6/2/2009 22:45 | 1247400 | 67.196 | 1.289 | 2.97759 | 80.29648 |
| 6/2/2009 23:00 | 1248300 | 67.132 | 1.293 | 2.98683 | 80.70695 |
| 6/2/2009 23:15 | 1249200 | 67.065 | 1.287 | 2.97297 | 80.09125 |
| 6/2/2009 23:30 | 1250100 | 66.991 | 1.29  | 2.9799  | 80.3991  |
| 6/2/2009 23:45 | 1251000 | 66.929 | 1.286 | 2.97066 | 79.98863 |
| 6/3/2009 0:00  | 1251900 | 66.854 | 1.292 | 2.98452 | 80.60433 |
| 6/3/2009 0:15  | 1252800 | 66.784 | 1.29  | 2.9799  | 80.3991  |
| 6/3/2009 0:30  | 1253700 | 66.711 | 1.29  | 2.9799  | 80.3991  |
| 6/3/2009 0:45  | 1254600 | 66.656 | 1.292 | 2.98452 | 80.60433 |
| 6/3/2009 1:00  | 1255500 | 66.599 | 1.29  | 2.9799  | 80.3991  |
| 6/3/2009 1:15  | 1256400 | 66.555 | 1.29  | 2.9799  | 80.3991  |
| 6/3/2009 1:30  | 1257300 | 66.503 | 1.287 | 2.97297 | 80.09125 |
| 6/3/2009 1:45  | 1258200 | 66.441 | 1.292 | 2.98452 | 80.60433 |
| 6/3/2009 2:00  | 1259100 | 66.392 | 1.294 | 2.98914 | 80.80957 |
| 6/3/2009 2:15  | 1260000 | 66.334 | 1.286 | 2.97066 | 79.98863 |

|                |         |        |       |         |          |
|----------------|---------|--------|-------|---------|----------|
| 6/3/2009 2:30  | 1260900 | 66.282 | 1.287 | 2.97297 | 80.09125 |
| 6/3/2009 2:45  | 1261800 | 66.227 | 1.287 | 2.97297 | 80.09125 |
| 6/3/2009 3:00  | 1262700 | 66.172 | 1.292 | 2.98452 | 80.60433 |
| 6/3/2009 3:15  | 1263600 | 66.118 | 1.292 | 2.98452 | 80.60433 |
| 6/3/2009 3:30  | 1264500 | 66.069 | 1.287 | 2.97297 | 80.09125 |
| 6/3/2009 3:45  | 1265400 | 66.032 | 1.289 | 2.97759 | 80.29648 |
| 6/3/2009 4:00  | 1266300 | 65.997 | 1.286 | 2.97066 | 79.98863 |
| 6/3/2009 4:15  | 1267200 | 65.956 | 1.287 | 2.97297 | 80.09125 |
| 6/3/2009 4:30  | 1268100 | 65.929 | 1.288 | 2.97528 | 80.19386 |
| 6/3/2009 4:45  | 1269000 | 65.882 | 1.289 | 2.97759 | 80.29648 |
| 6/3/2009 5:00  | 1269900 | 65.843 | 1.287 | 2.97297 | 80.09125 |
| 6/3/2009 5:15  | 1270800 | 65.808 | 1.285 | 2.96835 | 79.88601 |
| 6/3/2009 5:30  | 1271700 | 65.763 | 1.293 | 2.98683 | 80.70695 |
| 6/3/2009 5:45  | 1272600 | 65.729 | 1.287 | 2.97297 | 80.09125 |
| 6/3/2009 6:00  | 1273500 | 65.693 | 1.291 | 2.98221 | 80.50171 |
| 6/3/2009 6:15  | 1274400 | 65.654 | 1.287 | 2.97297 | 80.09125 |
| 6/3/2009 6:30  | 1275300 | 65.627 | 1.286 | 2.97066 | 79.98863 |
| 6/3/2009 6:45  | 1276200 | 65.602 | 1.288 | 2.97528 | 80.19386 |
| 6/3/2009 7:00  | 1277100 | 65.585 | 1.282 | 2.96142 | 79.57816 |
| 6/3/2009 7:15  | 1278000 | 65.574 | 1.287 | 2.97297 | 80.09125 |
| 6/3/2009 7:30  | 1278900 | 65.543 | 1.283 | 2.96373 | 79.68078 |
| 6/3/2009 7:45  | 1279800 | 65.533 | 1.286 | 2.97066 | 79.98863 |
| 6/3/2009 8:00  | 1280700 | 65.518 | 1.281 | 2.95911 | 79.47554 |
| 6/3/2009 8:15  | 1281600 | 65.506 | 1.286 | 2.97066 | 79.98863 |
| 6/3/2009 8:30  | 1282500 | 65.48  | 1.285 | 2.96835 | 79.88601 |
| 6/3/2009 8:45  | 1283400 | 65.462 | 1.282 | 2.96142 | 79.57816 |
| 6/3/2009 9:00  | 1284300 | 65.449 | 1.281 | 2.95911 | 79.47554 |
| 6/3/2009 9:15  | 1285200 | 65.439 | 1.276 | 2.94756 | 78.96246 |
| 6/3/2009 9:30  | 1286100 | 65.419 | 1.282 | 2.96142 | 79.57816 |
| 6/3/2009 9:45  | 1287000 | 65.382 | 1.282 | 2.96142 | 79.57816 |
| 6/3/2009 10:00 | 1287900 | 65.362 | 1.285 | 2.96835 | 79.88601 |
| 6/3/2009 10:15 | 1288800 | 65.361 | 1.278 | 2.95218 | 79.16769 |
| 6/3/2009 10:30 | 1289700 | 65.366 | 1.284 | 2.96604 | 79.78339 |
| 6/3/2009 10:45 | 1290600 | 65.37  | 1.278 | 2.95218 | 79.16769 |
| 6/3/2009 11:00 | 1291500 | 65.369 | 1.273 | 2.94063 | 78.65461 |
| 6/3/2009 11:15 | 1292400 | 65.407 | 1.275 | 2.94525 | 78.85984 |
| 6/3/2009 11:30 | 1293300 | 65.46  | 1.276 | 2.94756 | 78.96246 |
| 6/3/2009 11:45 | 1294200 | 65.469 | 1.279 | 2.95449 | 79.27031 |
| 6/3/2009 12:00 | 1295100 | 65.485 | 1.275 | 2.94525 | 78.85984 |
| 6/3/2009 12:15 | 1296000 | 65.524 | 1.28  | 2.9568  | 79.37293 |
| 6/3/2009 12:30 | 1296900 | 65.589 | 1.275 | 2.94525 | 78.85984 |
| 6/3/2009 12:45 | 1297800 | 65.65  | 1.277 | 2.94987 | 79.06508 |
| 6/3/2009 13:00 | 1298700 | 65.701 | 1.276 | 2.94756 | 78.96246 |
| 6/3/2009 13:15 | 1299600 | 65.729 | 1.27  | 2.9337  | 78.34676 |
| 6/3/2009 13:30 | 1300500 | 65.752 | 1.275 | 2.94525 | 78.85984 |
| 6/3/2009 13:45 | 1301400 | 65.783 | 1.273 | 2.94063 | 78.65461 |
| 6/3/2009 14:00 | 1302300 | 65.769 | 1.271 | 2.93601 | 78.44937 |
| 6/3/2009 14:15 | 1303200 | 65.75  | 1.275 | 2.94525 | 78.85984 |
| 6/3/2009 14:30 | 1304100 | 65.719 | 1.268 | 2.92908 | 78.14152 |
| 6/3/2009 14:45 | 1305000 | 65.687 | 1.273 | 2.94063 | 78.65461 |
| 6/3/2009 15:00 | 1305900 | 65.66  | 1.269 | 2.93139 | 78.24414 |
| 6/3/2009 15:15 | 1306800 | 65.61  | 1.272 | 2.93832 | 78.55199 |



|                |         |        |       |         |          |
|----------------|---------|--------|-------|---------|----------|
| 6/3/2009 15:30 | 1307700 | 65.585 | 1.265 | 2.92215 | 77.83367 |
| 6/3/2009 15:45 | 1308600 | 65.548 | 1.268 | 2.92908 | 78.14152 |
| 6/3/2009 16:00 | 1309500 | 65.516 | 1.266 | 2.92446 | 77.93629 |
| 6/3/2009 16:15 | 1310400 | 65.473 | 1.265 | 2.92215 | 77.83367 |
| 6/3/2009 16:30 | 1311300 | 65.425 | 1.264 | 2.91984 | 77.73105 |
| 6/3/2009 16:45 | 1312200 | 65.372 | 1.269 | 2.93139 | 78.24414 |
| 6/3/2009 17:00 | 1313100 | 65.313 | 1.267 | 2.92677 | 78.0389  |
| 6/3/2009 17:15 | 1314000 | 65.251 | 1.267 | 2.92677 | 78.0389  |
| 6/3/2009 17:30 | 1314900 | 65.205 | 1.267 | 2.92677 | 78.0389  |
| 6/3/2009 17:45 | 1315800 | 65.147 | 1.269 | 2.93139 | 78.24414 |
| 6/3/2009 18:00 | 1316700 | 65.1   | 1.269 | 2.93139 | 78.24414 |
| 6/3/2009 18:15 | 1317600 | 65.049 | 1.268 | 2.92908 | 78.14152 |
| 6/3/2009 18:30 | 1318500 | 64.994 | 1.264 | 2.91984 | 77.73105 |
| 6/3/2009 18:45 | 1319400 | 64.944 | 1.269 | 2.93139 | 78.24414 |
| 6/3/2009 19:00 | 1320300 | 64.888 | 1.268 | 2.92908 | 78.14152 |
| 6/3/2009 19:15 | 1321200 | 64.839 | 1.27  | 2.9337  | 78.34676 |
| 6/3/2009 19:30 | 1322100 | 64.783 | 1.266 | 2.92446 | 77.93629 |
| 6/3/2009 19:45 | 1323000 | 64.722 | 1.265 | 2.92215 | 77.83367 |
| 6/3/2009 20:00 | 1323900 | 64.668 | 1.264 | 2.91984 | 77.73105 |
| 6/3/2009 20:15 | 1324800 | 64.608 | 1.262 | 2.91522 | 77.52582 |
| 6/3/2009 20:30 | 1325700 | 64.55  | 1.263 | 2.91753 | 77.62844 |
| 6/3/2009 20:45 | 1326600 | 64.475 | 1.262 | 2.91522 | 77.52582 |
| 6/3/2009 21:00 | 1327500 | 64.419 | 1.262 | 2.91522 | 77.52582 |
| 6/3/2009 21:15 | 1328400 | 64.371 | 1.262 | 2.91522 | 77.52582 |
| 6/3/2009 21:30 | 1329300 | 64.304 | 1.262 | 2.91522 | 77.52582 |
| 6/3/2009 21:45 | 1330200 | 64.254 | 1.26  | 2.9106  | 77.32058 |
| 6/3/2009 22:00 | 1331100 | 64.194 | 1.26  | 2.9106  | 77.32058 |
| 6/3/2009 22:15 | 1332000 | 64.128 | 1.256 | 2.90136 | 76.91012 |
| 6/3/2009 22:30 | 1332900 | 64.065 | 1.261 | 2.91291 | 77.4232  |
| 6/3/2009 22:45 | 1333800 | 64     | 1.263 | 2.91753 | 77.62844 |
| 6/3/2009 23:00 | 1334700 | 63.921 | 1.256 | 2.90136 | 76.91012 |
| 6/3/2009 23:15 | 1335600 | 63.859 | 1.256 | 2.90136 | 76.91012 |
| 6/3/2009 23:30 | 1336500 | 63.79  | 1.257 | 2.90367 | 77.01273 |
| 6/3/2009 23:45 | 1337400 | 63.706 | 1.253 | 2.89443 | 76.60226 |
| 6/4/2009 0:00  | 1338300 | 63.631 | 1.254 | 2.89674 | 76.70488 |
| 6/4/2009 0:15  | 1339200 | 63.564 | 1.253 | 2.89443 | 76.60226 |
| 6/4/2009 0:30  | 1340100 | 63.48  | 1.25  | 2.8875  | 76.29441 |
| 6/4/2009 0:45  | 1341000 | 63.399 | 1.254 | 2.89674 | 76.70488 |
| 6/4/2009 1:00  | 1341900 | 63.323 | 1.255 | 2.89905 | 76.8075  |
| 6/4/2009 1:15  | 1342800 | 63.25  | 1.253 | 2.89443 | 76.60226 |
| 6/4/2009 1:30  | 1343700 | 63.169 | 1.253 | 2.89443 | 76.60226 |
| 6/4/2009 1:45  | 1344600 | 63.1   | 1.246 | 2.87826 | 75.88394 |
| 6/4/2009 2:00  | 1345500 | 63.016 | 1.246 | 2.87826 | 75.88394 |
| 6/4/2009 2:15  | 1346400 | 62.938 | 1.25  | 2.8875  | 76.29441 |
| 6/4/2009 2:30  | 1347300 | 62.868 | 1.25  | 2.8875  | 76.29441 |
| 6/4/2009 2:45  | 1348200 | 62.798 | 1.246 | 2.87826 | 75.88394 |
| 6/4/2009 3:00  | 1349100 | 62.726 | 1.25  | 2.8875  | 76.29441 |
| 6/4/2009 3:15  | 1350000 | 62.659 | 1.246 | 2.87826 | 75.88394 |
| 6/4/2009 3:30  | 1350900 | 62.584 | 1.248 | 2.88288 | 76.08918 |
| 6/4/2009 3:45  | 1351800 | 62.514 | 1.246 | 2.87826 | 75.88394 |
| 6/4/2009 4:00  | 1352700 | 62.444 | 1.24  | 2.8644  | 75.26824 |
| 6/4/2009 4:15  | 1353600 | 62.372 | 1.249 | 2.88519 | 76.1918  |

|                |         |        |       |         |          |
|----------------|---------|--------|-------|---------|----------|
| 6/4/2009 4:30  | 1354500 | 62.315 | 1.239 | 2.86209 | 75.16562 |
| 6/4/2009 4:45  | 1355400 | 62.244 | 1.239 | 2.86209 | 75.16562 |
| 6/4/2009 5:00  | 1356300 | 62.182 | 1.24  | 2.8644  | 75.26824 |
| 6/4/2009 5:15  | 1357200 | 62.122 | 1.245 | 2.87595 | 75.78133 |
| 6/4/2009 5:30  | 1358100 | 62.057 | 1.239 | 2.86209 | 75.16562 |
| 6/4/2009 5:45  | 1359000 | 62.001 | 1.24  | 2.8644  | 75.26824 |
| 6/4/2009 6:00  | 1359900 | 61.939 | 1.237 | 2.85747 | 74.96039 |
| 6/4/2009 6:15  | 1360800 | 61.879 | 1.237 | 2.85747 | 74.96039 |
| 6/4/2009 6:30  | 1361700 | 61.82  | 1.237 | 2.85747 | 74.96039 |
| 6/4/2009 6:45  | 1362600 | 61.774 | 1.241 | 2.86671 | 75.37086 |
| 6/4/2009 7:00  | 1363500 | 61.735 | 1.243 | 2.87133 | 75.57609 |
| 6/4/2009 7:15  | 1364400 | 61.698 | 1.24  | 2.8644  | 75.26824 |
| 6/4/2009 7:30  | 1365300 | 61.665 | 1.232 | 2.84592 | 74.4473  |
| 6/4/2009 7:45  | 1366200 | 61.665 | 1.231 | 2.84361 | 74.34469 |
| 6/4/2009 8:00  | 1367100 | 61.667 | 1.236 | 2.85516 | 74.85777 |
| 6/4/2009 8:15  | 1368000 | 61.687 | 1.234 | 2.85054 | 74.65254 |
| 6/4/2009 8:30  | 1368900 | 61.72  | 1.234 | 2.85054 | 74.65254 |
| 6/4/2009 8:45  | 1369800 | 61.758 | 1.231 | 2.84361 | 74.34469 |
| 6/4/2009 9:00  | 1370700 | 61.786 | 1.229 | 2.83899 | 74.13945 |
| 6/4/2009 9:15  | 1371600 | 61.863 | 1.228 | 2.83668 | 74.03684 |
| 6/4/2009 9:30  | 1372500 | 61.925 | 1.222 | 2.82282 | 73.42113 |
| 6/4/2009 9:45  | 1373400 | 62     | 1.225 | 2.82975 | 73.72898 |
| 6/4/2009 10:00 | 1374300 | 62.071 | 1.224 | 2.82744 | 73.62637 |
| 6/4/2009 10:15 | 1375200 | 62.16  | 1.229 | 2.83899 | 74.13945 |
| 6/4/2009 10:30 | 1376100 | 62.254 | 1.219 | 2.81589 | 73.11328 |
| 6/4/2009 10:45 | 1377000 | 62.355 | 1.222 | 2.82282 | 73.42113 |
| 6/4/2009 11:00 | 1377900 | 62.456 | 1.224 | 2.82744 | 73.62637 |
| 6/4/2009 11:15 | 1378800 | 62.554 | 1.222 | 2.82282 | 73.42113 |
| 6/4/2009 11:30 | 1379700 | 62.675 | 1.223 | 2.82513 | 73.52375 |
| 6/4/2009 11:45 | 1380600 | 62.801 | 1.224 | 2.82744 | 73.62637 |
| 6/4/2009 12:00 | 1381500 | 62.922 | 1.222 | 2.82282 | 73.42113 |
| 6/4/2009 12:15 | 1382400 | 63.045 | 1.222 | 2.82282 | 73.42113 |
| 6/4/2009 12:30 | 1383300 | 63.177 | 1.221 | 2.82051 | 73.31852 |
| 6/4/2009 12:45 | 1384200 | 63.301 | 1.221 | 2.82051 | 73.31852 |
| 6/4/2009 13:00 | 1385100 | 63.43  | 1.22  | 2.8182  | 73.2159  |
| 6/4/2009 13:15 | 1386000 | 63.541 | 1.221 | 2.82051 | 73.31852 |
| 6/4/2009 13:30 | 1386900 | 63.656 | 1.219 | 2.81589 | 73.11328 |
| 6/4/2009 13:45 | 1387800 | 63.771 | 1.211 | 2.79741 | 72.29234 |
| 6/4/2009 14:00 | 1388700 | 63.879 | 1.213 | 2.80203 | 72.49758 |
| 6/4/2009 14:15 | 1389600 | 63.978 | 1.211 | 2.79741 | 72.29234 |
| 6/4/2009 14:30 | 1390500 | 64.066 | 1.211 | 2.79741 | 72.29234 |
| 6/4/2009 14:45 | 1391400 | 64.154 | 1.208 | 2.79048 | 71.98449 |
| 6/4/2009 15:00 | 1392300 | 64.227 | 1.21  | 2.7951  | 72.18973 |
| 6/4/2009 15:15 | 1393200 | 64.301 | 1.21  | 2.7951  | 72.18973 |
| 6/4/2009 15:30 | 1394100 | 64.365 | 1.204 | 2.78124 | 71.57402 |
| 6/4/2009 15:45 | 1395000 | 64.415 | 1.213 | 2.80203 | 72.49758 |
| 6/4/2009 16:00 | 1395900 | 64.469 | 1.208 | 2.79048 | 71.98449 |
| 6/4/2009 16:15 | 1396800 | 64.512 | 1.208 | 2.79048 | 71.98449 |
| 6/4/2009 16:30 | 1397700 | 64.538 | 1.205 | 2.78355 | 71.67664 |
| 6/4/2009 16:45 | 1398600 | 64.559 | 1.201 | 2.77431 | 71.26617 |
| 6/4/2009 17:00 | 1399500 | 64.567 | 1.204 | 2.78124 | 71.57402 |
| 6/4/2009 17:15 | 1400400 | 64.566 | 1.204 | 2.78124 | 71.57402 |

|                |         |        |       |         |          |
|----------------|---------|--------|-------|---------|----------|
| 6/4/2009 17:30 | 1401300 | 64.561 | 1.201 | 2.77431 | 71.26617 |
| 6/4/2009 17:45 | 1402200 | 64.539 | 1.198 | 2.76738 | 70.95832 |
| 6/4/2009 18:00 | 1403100 | 64.516 | 1.202 | 2.77662 | 71.36879 |
| 6/4/2009 18:15 | 1404000 | 64.485 | 1.198 | 2.76738 | 70.95832 |
| 6/4/2009 18:30 | 1404900 | 64.446 | 1.196 | 2.76276 | 70.75309 |
| 6/4/2009 18:45 | 1405800 | 64.402 | 1.203 | 2.77893 | 71.47141 |
| 6/4/2009 19:00 | 1406700 | 64.347 | 1.201 | 2.77431 | 71.26617 |
| 6/4/2009 19:15 | 1407600 | 64.293 | 1.199 | 2.76969 | 71.06094 |
| 6/4/2009 19:30 | 1408500 | 64.237 | 1.199 | 2.76969 | 71.06094 |
| 6/4/2009 19:45 | 1409400 | 64.177 | 1.197 | 2.76507 | 70.8557  |
| 6/4/2009 20:00 | 1410300 | 64.119 | 1.201 | 2.77431 | 71.26617 |
| 6/4/2009 20:15 | 1411200 | 64.063 | 1.191 | 2.75121 | 70.24    |
| 6/4/2009 20:30 | 1412100 | 64.005 | 1.191 | 2.75121 | 70.24    |
| 6/4/2009 20:45 | 1413000 | 63.936 | 1.188 | 2.74428 | 69.93215 |
| 6/4/2009 21:00 | 1413900 | 63.889 | 1.192 | 2.75352 | 70.34262 |
| 6/4/2009 21:15 | 1414800 | 63.832 | 1.19  | 2.7489  | 70.13738 |
| 6/4/2009 21:30 | 1415700 | 63.775 | 1.184 | 2.73504 | 69.52168 |
| 6/4/2009 21:45 | 1416600 | 63.721 | 1.191 | 2.75121 | 70.24    |
| 6/4/2009 22:00 | 1417500 | 63.67  | 1.184 | 2.73504 | 69.52168 |
| 6/4/2009 22:15 | 1418400 | 63.618 | 1.187 | 2.74197 | 69.82953 |
| 6/4/2009 22:30 | 1419300 | 63.557 | 1.186 | 2.73966 | 69.72692 |
| 6/4/2009 22:45 | 1420200 | 63.506 | 1.187 | 2.74197 | 69.82953 |
| 6/4/2009 23:00 | 1421100 | 63.44  | 1.184 | 2.73504 | 69.52168 |
| 6/4/2009 23:15 | 1422000 | 63.398 | 1.184 | 2.73504 | 69.52168 |
| 6/4/2009 23:30 | 1422900 | 63.328 | 1.184 | 2.73504 | 69.52168 |
| 6/4/2009 23:45 | 1423800 | 63.273 | 1.184 | 2.73504 | 69.52168 |
| 6/5/2009 0:00  | 1424700 | 63.216 | 1.181 | 2.72811 | 69.21383 |
| 6/5/2009 0:15  | 1425600 | 63.16  | 1.175 | 2.71425 | 68.59813 |
| 6/5/2009 0:30  | 1426500 | 63.102 | 1.177 | 2.71887 | 68.80336 |
| 6/5/2009 0:45  | 1427400 | 63.052 | 1.176 | 2.71656 | 68.70074 |
| 6/5/2009 1:00  | 1428300 | 63.001 | 1.176 | 2.71656 | 68.70074 |
| 6/5/2009 1:15  | 1429200 | 62.95  | 1.176 | 2.71656 | 68.70074 |
| 6/5/2009 1:30  | 1430100 | 62.91  | 1.181 | 2.72811 | 69.21383 |
| 6/5/2009 1:45  | 1431000 | 62.866 | 1.179 | 2.72349 | 69.0086  |
| 6/5/2009 2:00  | 1431900 | 62.824 | 1.175 | 2.71425 | 68.59813 |
| 6/5/2009 2:15  | 1432800 | 62.77  | 1.177 | 2.71887 | 68.80336 |
| 6/5/2009 2:30  | 1433700 | 62.718 | 1.174 | 2.71194 | 68.49551 |
| 6/5/2009 2:45  | 1434600 | 62.667 | 1.174 | 2.71194 | 68.49551 |
| 6/5/2009 3:00  | 1435500 | 62.602 | 1.171 | 2.70501 | 68.18766 |
| 6/5/2009 3:15  | 1436400 | 62.546 | 1.169 | 2.70039 | 67.98242 |
| 6/5/2009 3:30  | 1437300 | 62.492 | 1.171 | 2.70501 | 68.18766 |
| 6/5/2009 3:45  | 1438200 | 62.439 | 1.173 | 2.70963 | 68.39289 |
| 6/5/2009 4:00  | 1439100 | 62.377 | 1.173 | 2.70963 | 68.39289 |
| 6/5/2009 4:15  | 1440000 | 62.315 | 1.169 | 2.70039 | 67.98242 |
| 6/5/2009 4:30  | 1440900 | 62.245 | 1.173 | 2.70963 | 68.39289 |
| 6/5/2009 4:45  | 1441800 | 62.201 | 1.169 | 2.70039 | 67.98242 |
| 6/5/2009 5:00  | 1442700 | 62.145 | 1.167 | 2.69577 | 67.77719 |
| 6/5/2009 5:15  | 1443600 | 62.081 | 1.167 | 2.69577 | 67.77719 |
| 6/5/2009 5:30  | 1444500 | 62.02  | 1.166 | 2.69346 | 67.67457 |
| 6/5/2009 5:45  | 1445400 | 61.959 | 1.164 | 2.68884 | 67.46934 |
| 6/5/2009 6:00  | 1446300 | 61.927 | 1.161 | 2.68191 | 67.16149 |
| 6/5/2009 6:15  | 1447200 | 61.896 | 1.161 | 2.68191 | 67.16149 |

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| 6/5/2009 6:30  | 1448100 | 61.863 | 1.165 | 2.69115 | 67.57196 |
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| 6/5/2009 7:00  | 1449900 | 61.815 | 1.16  | 2.6796  | 67.05887 |
| 6/5/2009 7:15  | 1450800 | 61.796 | 1.158 | 2.67498 | 66.85364 |
| 6/5/2009 7:30  | 1451700 | 61.803 | 1.16  | 2.6796  | 67.05887 |
| 6/5/2009 7:45  | 1452600 | 61.824 | 1.16  | 2.6796  | 67.05887 |
| 6/5/2009 8:00  | 1453500 | 61.811 | 1.156 | 2.67036 | 66.6484  |
| 6/5/2009 8:15  | 1454400 | 61.794 | 1.156 | 2.67036 | 66.6484  |
| 6/5/2009 8:30  | 1455300 | 61.824 | 1.157 | 2.67267 | 66.75102 |
| 6/5/2009 8:45  | 1456200 | 61.85  | 1.156 | 2.67036 | 66.6484  |
| 6/5/2009 9:00  | 1457100 | 61.878 | 1.158 | 2.67498 | 66.85364 |
| 6/5/2009 9:15  | 1458000 | 61.959 | 1.157 | 2.67267 | 66.75102 |
| 6/5/2009 9:30  | 1458900 | 62.037 | 1.149 | 2.65419 | 65.93008 |
| 6/5/2009 9:45  | 1459800 | 62.118 | 1.154 | 2.66574 | 66.44317 |
| 6/5/2009 10:00 | 1460700 | 62.213 | 1.155 | 2.66805 | 66.54579 |
| 6/5/2009 10:15 | 1461600 | 62.341 | 1.153 | 2.66343 | 66.34055 |
| 6/5/2009 10:30 | 1462500 | 62.45  | 1.151 | 2.65881 | 66.13532 |
| 6/5/2009 10:45 | 1463400 | 62.559 | 1.151 | 2.65881 | 66.13532 |
| 6/5/2009 11:00 | 1464300 | 62.68  | 1.144 | 2.64264 | 65.417   |
| 6/5/2009 11:15 | 1465200 | 62.798 | 1.151 | 2.65881 | 66.13532 |
| 6/5/2009 11:30 | 1466100 | 62.916 | 1.145 | 2.64495 | 65.51961 |
| 6/5/2009 11:45 | 1467000 | 63.036 | 1.149 | 2.65419 | 65.93008 |
| 6/5/2009 12:00 | 1467900 | 63.175 | 1.143 | 2.64033 | 65.31438 |
| 6/5/2009 12:15 | 1468800 | 63.305 | 1.142 | 2.63802 | 65.21176 |
| 6/5/2009 12:30 | 1469700 | 63.443 | 1.143 | 2.64033 | 65.31438 |
| 6/5/2009 12:45 | 1470600 | 63.596 | 1.143 | 2.64033 | 65.31438 |
| 6/5/2009 13:00 | 1471500 | 63.717 | 1.14  | 2.6334  | 65.00653 |
| 6/5/2009 13:15 | 1472400 | 63.8   | 1.143 | 2.64033 | 65.31438 |
| 6/5/2009 13:30 | 1473300 | 63.958 | 1.142 | 2.63802 | 65.21176 |
| 6/5/2009 13:45 | 1474200 | 64.113 | 1.139 | 2.63109 | 64.90391 |
| 6/5/2009 14:00 | 1475100 | 64.239 | 1.14  | 2.6334  | 65.00653 |
| 6/5/2009 14:15 | 1476000 | 64.233 | 1.135 | 2.62185 | 64.49344 |
| 6/5/2009 14:30 | 1476900 | 64.33  | 1.134 | 2.61954 | 64.39083 |
| 6/5/2009 14:45 | 1477800 | 64.401 | 1.135 | 2.62185 | 64.49344 |
| 6/5/2009 15:00 | 1478700 | 64.455 | 1.133 | 2.61723 | 64.28821 |
| 6/5/2009 15:15 | 1479600 | 64.514 | 1.134 | 2.61954 | 64.39083 |
| 6/5/2009 15:30 | 1480500 | 64.611 | 1.133 | 2.61723 | 64.28821 |
| 6/5/2009 15:45 | 1481400 | 64.714 | 1.138 | 2.62878 | 64.80129 |
| 6/5/2009 16:00 | 1482300 | 64.813 | 1.126 | 2.60106 | 63.56989 |
| 6/5/2009 16:15 | 1483200 | 64.88  | 1.126 | 2.60106 | 63.56989 |
| 6/5/2009 16:30 | 1484100 | 64.993 | 1.126 | 2.60106 | 63.56989 |
| 6/5/2009 16:45 | 1485000 | 65.044 | 1.129 | 2.60799 | 63.87774 |
| 6/5/2009 17:00 | 1485900 | 65.076 | 1.131 | 2.61261 | 64.08297 |
| 6/5/2009 17:15 | 1486800 | 65.122 | 1.127 | 2.60337 | 63.67251 |
| 6/5/2009 17:30 | 1487700 | 65.109 | 1.127 | 2.60337 | 63.67251 |
| 6/5/2009 17:45 | 1488600 | 65.1   | 1.123 | 2.59413 | 63.26204 |
| 6/5/2009 18:00 | 1489500 | 65.086 | 1.128 | 2.60568 | 63.77512 |
| 6/5/2009 18:15 | 1490400 | 65.064 | 1.123 | 2.59413 | 63.26204 |
| 6/5/2009 18:30 | 1491300 | 65.041 | 1.117 | 2.58027 | 62.64633 |
| 6/5/2009 18:45 | 1492200 | 65.017 | 1.124 | 2.59644 | 63.36465 |
| 6/5/2009 19:00 | 1493100 | 64.986 | 1.122 | 2.59182 | 63.15942 |
| 6/5/2009 19:15 | 1494000 | 64.946 | 1.116 | 2.57796 | 62.54372 |

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|----------------|-------------|--------|-------|---------|----------|
| 6/5/2009 19:30 | 1494900     | 64.893 | 1.117 | 2.58027 | 62.64633 |
| 6/5/2009 19:45 | 1495800     | 64.847 | 1.116 | 2.57796 | 62.54372 |
| 6/5/2009 20:00 | 1496700     | 64.801 | 1.117 | 2.58027 | 62.64633 |
| 6/5/2009 20:15 | 1497600     | 64.748 | 1.117 | 2.58027 | 62.64633 |
| 6/5/2009 20:30 | 1498500     | 64.706 | 1.114 | 2.57334 | 62.33848 |
| 6/5/2009 20:45 | 1499400     | 64.656 | 1.117 | 2.58027 | 62.64633 |
| 6/5/2009 21:00 | 1500300     | 64.602 | 1.122 | 2.59182 | 63.15942 |
| 6/5/2009 21:15 | 1501200     | 64.552 | 1.116 | 2.57796 | 62.54372 |
| 6/5/2009 21:30 | 1502100     | 64.508 | 1.109 | 2.56179 | 61.8254  |
| 6/5/2009 21:45 | 1503000     | 64.452 | 1.119 | 2.58489 | 62.85157 |
| 6/5/2009 22:00 | 1503900     | 64.409 | 1.108 | 2.55948 | 61.72278 |
| 6/5/2009 22:15 | 1504800     | 64.358 | 1.109 | 2.56179 | 61.8254  |
| 6/5/2009 22:30 | 1505700     | 64.31  | 1.106 | 2.55486 | 61.51755 |
| 6/5/2009 22:45 | 1506600     | 64.262 | 1.112 | 2.56872 | 62.13325 |
| 6/5/2009 23:00 | 1507500     | 64.206 | 1.109 | 2.56179 | 61.8254  |
| 6/5/2009 23:15 | 1508400     | 64.145 | 1.112 | 2.56872 | 62.13325 |
| 6/5/2009 23:30 | 1509300     | 64.084 | 1.112 | 2.56872 | 62.13325 |
| 6/5/2009 23:45 | 1510200     | 64.016 | 1.107 | 2.55717 | 61.62016 |
| 6/6/2009 0:00  | 1511100     | 63.948 | 1.106 | 2.55486 | 61.51755 |
| 6/6/2009 0:15  | 1512000     | 63.892 | 1.104 | 2.55024 | 61.31231 |
| 6/6/2009 0:30  | 1512900     | 63.829 | 1.105 | 2.55255 | 61.41493 |
| 6/6/2009 0:45  | 1513800     | 63.756 | 1.103 | 2.54793 | 61.20969 |
| 6/6/2009 1:00  | 1514700     | 63.691 | 1.108 | 2.55948 | 61.72278 |
| 6/6/2009 1:15  | 1515600     | 63.621 | 1.102 | 2.54562 | 61.10708 |
| 6/6/2009 1:30  | 1516500     | 63.548 | 1.104 | 2.55024 | 61.31231 |
| 6/6/2009 1:45  | 1517400     | 63.466 | 1.105 | 2.55255 | 61.41493 |
| 6/6/2009 2:00  | 1518300     | 63.391 | 1.106 | 2.55486 | 61.51755 |
| 6/6/2009 2:15  | 1519200     | 63.321 | 1.106 | 2.55486 | 61.51755 |
| 6/6/2009 2:30  | 1520100     | 63.23  | 1.096 | 2.53176 | 60.49137 |
| 6/6/2009 2:45  | 1521000     | 63.161 | 1.101 | 2.54331 | 61.00446 |
| 6/6/2009 3:00  | 1521900     | 63.091 | 1.104 | 2.55024 | 61.31231 |
| 6/6/2009 3:15  | 1522800     | 63.016 | 1.098 | 2.53638 | 60.69661 |
| 6/6/2009 3:30  | 1523700     | 62.948 | 1.099 | 2.53869 | 60.79923 |
| 6/6/2009 3:45  | 1524600     | 62.869 | 1.1   | 2.541   | 60.90184 |
| 6/6/2009 4:00  | 1525500     | 62.807 | 1.098 | 2.53638 | 60.69661 |
| 6/6/2009 4:15  | 1526400     | 62.73  | 1.097 | 2.53407 | 60.59399 |
| 6/6/2009 4:30  | 1527300     | 62.657 | 1.097 | 2.53407 | 60.59399 |
| 6/6/2009 4:45  | 1528200     | 62.587 | 1.097 | 2.53407 | 60.59399 |
| 6/6/2009 5:00  | 1529100     | 62.513 | 1.103 | 2.54793 | 61.20969 |
| 6/6/2009 5:15  | 1530000     | 62.444 | 1.09  | 2.5179  | 59.87567 |
| 6/6/2009 5:30  | 1530900     | 62.375 | 1.093 | 2.52483 | 60.18352 |
| 6/6/2009 5:45  | 1531800     | 62.312 | 1.096 | 2.53176 | 60.49137 |
| 6/6/2009 6:00  | 1532700     | 62.245 | 1.09  | 2.5179  | 59.87567 |
| 6/6/2009 6:15  | 1533600     | 62.192 | 1.092 | 2.52252 | 60.08091 |
| 6/6/2009 6:30  | 1534500     | 62.133 | 1.085 | 2.50635 | 59.36259 |
| 6/6/2009 6:45  | 1535400     | 62.069 | 1.092 | 2.52252 | 60.08091 |
| 6/6/2009 7:00  | 1536300     | 62.034 | 1.094 | 2.52714 | 60.28614 |
| 6/6/2009 7:15  | 1537200     | 61.995 | 1.093 | 2.52483 | 60.18352 |
| 6/6/2009 7:30  | 1538100     | 61.962 | 1.092 | 2.52252 | 60.08091 |
| 6/6/2009 7:45  | 1539000     | 61.951 | 1.089 | 2.51559 | 59.77305 |
| 6/6/2009 8:00  | 1539900     | 61.935 | 1.089 | 2.51559 | 59.77305 |
| 6/6/2009 8:15  | 1540800.003 | 61.932 | 1.086 | 2.50866 | 59.4652  |

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| 6/6/2009 8:30  | 1541700.003 | 61.946 | 1.088 | 2.51328 | 59.67044 |
| 6/6/2009 8:45  | 1542600.003 | 62.001 | 1.092 | 2.52252 | 60.08091 |
| 6/6/2009 9:00  | 1543500     | 61.974 | 1.084 | 2.50404 | 59.25997 |
| 6/6/2009 9:15  | 1544400     | 62.022 | 1.093 | 2.52483 | 60.18352 |
| 6/6/2009 9:30  | 1545300     | 62.091 | 1.085 | 2.50635 | 59.36259 |
| 6/6/2009 9:45  | 1546200     | 62.156 | 1.082 | 2.49942 | 59.05473 |
| 6/6/2009 10:00 | 1547100     | 62.196 | 1.083 | 2.50173 | 59.15735 |
| 6/6/2009 10:15 | 1548000     | 62.262 | 1.08  | 2.4948  | 58.8495  |
| 6/6/2009 10:30 | 1548900     | 62.373 | 1.085 | 2.50635 | 59.36259 |
| 6/6/2009 10:45 | 1549800     | 62.446 | 1.082 | 2.49942 | 59.05473 |
| 6/6/2009 11:00 | 1550700     | 62.505 | 1.08  | 2.4948  | 58.8495  |
| 6/6/2009 11:15 | 1551600     | 62.579 | 1.075 | 2.48325 | 58.33641 |
| 6/6/2009 11:30 | 1552500     | 62.684 | 1.08  | 2.4948  | 58.8495  |
| 6/6/2009 11:45 | 1553400.003 | 62.842 | 1.085 | 2.50635 | 59.36259 |
| 6/6/2009 12:00 | 1554300.003 | 63.033 | 1.078 | 2.49018 | 58.64427 |
| 6/6/2009 12:15 | 1555200     | 63.125 | 1.08  | 2.4948  | 58.8495  |
| 6/6/2009 12:30 | 1556100     | 63.29  | 1.077 | 2.48787 | 58.54165 |
| 6/6/2009 12:45 | 1557000     | 63.476 | 1.076 | 2.48556 | 58.43903 |
| 6/6/2009 13:00 | 1557900     | 63.625 | 1.075 | 2.48325 | 58.33641 |
| 6/6/2009 13:15 | 1558800     | 63.722 | 1.077 | 2.48787 | 58.54165 |
| 6/6/2009 13:30 | 1559700     | 63.867 | 1.072 | 2.47632 | 58.02856 |
| 6/6/2009 13:45 | 1560600     | 64     | 1.073 | 2.47863 | 58.13118 |
| 6/6/2009 14:00 | 1561500     | 64.117 | 1.075 | 2.48325 | 58.33641 |
| 6/6/2009 14:15 | 1562400     | 64.225 | 1.072 | 2.47632 | 58.02856 |
| 6/6/2009 14:30 | 1563300     | 64.351 | 1.076 | 2.48556 | 58.43903 |
| 6/6/2009 14:45 | 1564200     | 64.458 | 1.076 | 2.48556 | 58.43903 |
| 6/6/2009 15:00 | 1565100     | 64.566 | 1.067 | 2.46477 | 57.51548 |
| 6/6/2009 15:15 | 1566000.003 | 64.657 | 1.078 | 2.49018 | 58.64427 |
| 6/6/2009 15:30 | 1566900.003 | 64.738 | 1.072 | 2.47632 | 58.02856 |
| 6/6/2009 15:45 | 1567800.003 | 64.869 | 1.069 | 2.46939 | 57.72071 |
| 6/6/2009 16:00 | 1568700.003 | 64.869 | 1.067 | 2.46477 | 57.51548 |
| 6/6/2009 16:15 | 1569600.003 | 64.972 | 1.065 | 2.46015 | 57.31024 |
| 6/6/2009 16:30 | 1570500     | 64.972 | 1.065 | 2.46015 | 57.31024 |
| 6/6/2009 16:45 | 1571400     | 64.994 | 1.062 | 2.45322 | 57.00239 |
| 6/6/2009 17:00 | 1572300     | 65.014 | 1.066 | 2.46246 | 57.41286 |
| 6/6/2009 17:15 | 1573200.003 | 65.018 | 1.064 | 2.45784 | 57.20763 |
| 6/6/2009 17:30 | 1574100.003 | 64.996 | 1.068 | 2.46708 | 57.61809 |
| 6/6/2009 17:45 | 1575000.003 | 65.034 | 1.067 | 2.46477 | 57.51548 |
| 6/6/2009 18:00 | 1575900.003 | 64.977 | 1.064 | 2.45784 | 57.20763 |
| 6/6/2009 18:15 | 1576800.003 | 64.999 | 1.067 | 2.46477 | 57.51548 |
| 6/6/2009 18:30 | 1577700     | 64.937 | 1.057 | 2.44167 | 56.48931 |
| 6/6/2009 18:45 | 1578600.003 | 64.931 | 1.057 | 2.44167 | 56.48931 |
| 6/6/2009 19:00 | 1579500.009 | 64.913 | 1.063 | 2.45553 | 57.10501 |
| 6/6/2009 19:15 | 1580400     | 64.905 | 1.058 | 2.44398 | 56.59192 |
| 6/6/2009 19:30 | 1581300     | 64.888 | 1.052 | 2.43012 | 55.97622 |
| 6/6/2009 19:45 | 1582200     | 64.868 | 1.057 | 2.44167 | 56.48931 |
| 6/6/2009 20:00 | 1583100     | 64.857 | 1.057 | 2.44167 | 56.48931 |
| 6/6/2009 20:15 | 1584000     | 64.835 | 1.061 | 2.45091 | 56.89977 |
| 6/6/2009 20:30 | 1584900     | 64.811 | 1.059 | 2.44629 | 56.69454 |
| 6/6/2009 20:45 | 1585800     | 64.791 | 1.058 | 2.44398 | 56.59192 |
| 6/6/2009 21:00 | 1586700     | 64.763 | 1.058 | 2.44398 | 56.59192 |
| 6/6/2009 21:15 | 1587600     | 64.722 | 1.06  | 2.4486  | 56.79716 |

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| 6/6/2009 21:30 | 1588500     | 64.68  | 1.056 | 2.43936 | 56.38669 |
| 6/6/2009 21:45 | 1589400     | 64.637 | 1.056 | 2.43936 | 56.38669 |
| 6/6/2009 22:00 | 1590300     | 64.598 | 1.062 | 2.45322 | 57.00239 |
| 6/6/2009 22:15 | 1591200     | 64.549 | 1.057 | 2.44167 | 56.48931 |
| 6/6/2009 22:30 | 1592100     | 64.499 | 1.048 | 2.42088 | 55.56575 |
| 6/6/2009 22:45 | 1593000     | 64.459 | 1.055 | 2.43705 | 56.28407 |
| 6/6/2009 23:00 | 1593900     | 64.405 | 1.053 | 2.43243 | 56.07884 |
| 6/6/2009 23:15 | 1594800     | 64.359 | 1.057 | 2.44167 | 56.48931 |
| 6/6/2009 23:30 | 1595700     | 64.309 | 1.057 | 2.44167 | 56.48931 |
| 6/6/2009 23:45 | 1596600     | 64.262 | 1.05  | 2.4255  | 55.77099 |
| 6/7/2009 0:00  | 1597500     | 64.205 | 1.055 | 2.43705 | 56.28407 |
| 6/7/2009 0:15  | 1598400     | 64.151 | 1.053 | 2.43243 | 56.07884 |
| 6/7/2009 0:30  | 1599300     | 64.091 | 1.054 | 2.43474 | 56.18146 |
| 6/7/2009 0:45  | 1600200     | 64.024 | 1.053 | 2.43243 | 56.07884 |
| 6/7/2009 1:00  | 1601100     | 63.938 | 1.052 | 2.43012 | 55.97622 |
| 6/7/2009 1:15  | 1602000     | 63.866 | 1.053 | 2.43243 | 56.07884 |
| 6/7/2009 1:30  | 1602900     | 63.784 | 1.056 | 2.43936 | 56.38669 |
| 6/7/2009 1:45  | 1603800     | 63.695 | 1.051 | 2.42781 | 55.8736  |
| 6/7/2009 2:00  | 1604700     | 63.605 | 1.045 | 2.41395 | 55.2579  |
| 6/7/2009 2:15  | 1605600     | 63.518 | 1.051 | 2.42781 | 55.8736  |
| 6/7/2009 2:30  | 1606500     | 63.427 | 1.044 | 2.41164 | 55.15528 |
| 6/7/2009 2:45  | 1607400     | 63.339 | 1.048 | 2.42088 | 55.56575 |
| 6/7/2009 3:00  | 1608300.003 | 63.265 | 1.052 | 2.43012 | 55.97622 |
| 6/7/2009 3:15  | 1609200.009 | 63.169 | 1.05  | 2.4255  | 55.77099 |
| 6/7/2009 3:30  | 1610100     | 63.082 | 1.042 | 2.40702 | 54.95005 |
| 6/7/2009 3:45  | 1611000.003 | 62.978 | 1.051 | 2.42781 | 55.8736  |
| 6/7/2009 4:00  | 1611900.003 | 62.948 | 1.046 | 2.41626 | 55.36052 |
| 6/7/2009 4:15  | 1612800.003 | 62.804 | 1.041 | 2.40471 | 54.84743 |
| 6/7/2009 4:30  | 1613700.003 | 62.717 | 1.048 | 2.42088 | 55.56575 |
| 6/7/2009 4:45  | 1614600.003 | 62.68  | 1.047 | 2.41857 | 55.46314 |
| 6/7/2009 5:00  | 1615500     | 62.557 | 1.046 | 2.41626 | 55.36052 |
| 6/7/2009 5:15  | 1616400     | 62.473 | 1.047 | 2.41857 | 55.46314 |
| 6/7/2009 5:30  | 1617300     | 62.39  | 1.048 | 2.42088 | 55.56575 |
| 6/7/2009 5:45  | 1618200     | 62.313 | 1.042 | 2.40702 | 54.95005 |
| 6/7/2009 6:00  | 1619100     | 62.258 | 1.042 | 2.40702 | 54.95005 |
| 6/7/2009 6:15  | 1620000.003 | 62.206 | 1.047 | 2.41857 | 55.46314 |
| 6/7/2009 6:30  | 1620900.003 | 62.151 | 1.043 | 2.40933 | 55.05267 |
| 6/7/2009 6:45  | 1621800.003 | 62.169 | 1.046 | 2.41626 | 55.36052 |
| 6/7/2009 7:00  | 1622700     | 62.086 | 1.042 | 2.40702 | 54.95005 |
| 6/7/2009 7:15  | 1623600.003 | 62.071 | 1.046 | 2.41626 | 55.36052 |
| 6/7/2009 7:30  | 1624500.003 | 62.117 | 1.05  | 2.4255  | 55.77099 |
| 6/7/2009 7:45  | 1625400.003 | 62.067 | 1.046 | 2.41626 | 55.36052 |
| 6/7/2009 8:00  | 1626300.003 | 62.12  | 1.04  | 2.4024  | 54.74482 |
| 6/7/2009 8:15  | 1627200.003 | 62.088 | 1.042 | 2.40702 | 54.95005 |
| 6/7/2009 8:30  | 1628100     | 62.146 | 1.041 | 2.40471 | 54.84743 |
| 6/7/2009 8:45  | 1629000     | 62.202 | 1.045 | 2.41395 | 55.2579  |
| 6/7/2009 9:00  | 1629900.003 | 62.263 | 1.042 | 2.40702 | 54.95005 |
| 6/7/2009 9:15  | 1630800.003 | 62.381 | 1.041 | 2.40471 | 54.84743 |
| 6/7/2009 9:30  | 1631700     | 62.42  | 1.038 | 2.39778 | 54.53958 |
| 6/7/2009 9:45  | 1632600     | 62.52  | 1.044 | 2.41164 | 55.15528 |
| 6/7/2009 10:00 | 1633500.003 | 62.627 | 1.041 | 2.40471 | 54.84743 |
| 6/7/2009 10:15 | 1634400.003 | 62.787 | 1.041 | 2.40471 | 54.84743 |

|                |             |        |       |         |          |
|----------------|-------------|--------|-------|---------|----------|
| 6/7/2009 10:30 | 1635300     | 62.85  | 1.032 | 2.38392 | 53.92388 |
| 6/7/2009 10:45 | 1636200.003 | 62.965 | 1.038 | 2.39778 | 54.53958 |
| 6/7/2009 11:00 | 1637100     | 63.098 | 1.041 | 2.40471 | 54.84743 |
| 6/7/2009 11:15 | 1638000     | 63.23  | 1.035 | 2.39085 | 54.23173 |
| 6/7/2009 11:30 | 1638900     | 63.372 | 1.038 | 2.39778 | 54.53958 |
| 6/7/2009 11:45 | 1639800     | 63.516 | 1.034 | 2.38854 | 54.12911 |
| 6/7/2009 12:00 | 1640700     | 63.657 | 1.04  | 2.4024  | 54.74482 |
| 6/7/2009 12:15 | 1641600     | 63.813 | 1.038 | 2.39778 | 54.53958 |
| 6/7/2009 12:30 | 1642500     | 63.939 | 1.035 | 2.39085 | 54.23173 |
| 6/7/2009 12:45 | 1643400     | 64.087 | 1.039 | 2.40009 | 54.6422  |
| 6/7/2009 13:00 | 1644300     | 64.236 | 1.037 | 2.39547 | 54.43696 |
| 6/7/2009 13:15 | 1645200.003 | 64.38  | 1.033 | 2.38623 | 54.0265  |
| 6/7/2009 13:30 | 1646100.003 | 64.526 | 1.037 | 2.39547 | 54.43696 |
| 6/7/2009 13:45 | 1647000.003 | 64.712 | 1.035 | 2.39085 | 54.23173 |
| 6/7/2009 14:00 | 1647900.003 | 64.791 | 1.04  | 2.4024  | 54.74482 |
| 6/7/2009 14:15 | 1648800.003 | 64.93  | 1.035 | 2.39085 | 54.23173 |
| 6/7/2009 14:30 | 1649700     | 64.973 | 1.037 | 2.39547 | 54.43696 |
| 6/7/2009 14:45 | 1650600     | 65.023 | 1.032 | 2.38392 | 53.92388 |
| 6/7/2009 15:00 | 1651500     | 65.053 | 1.03  | 2.3793  | 53.71864 |
| 6/7/2009 15:15 | 1652400     | 65.077 | 1.033 | 2.38623 | 54.0265  |
| 6/7/2009 15:30 | 1653300     | 65.108 | 1.029 | 2.37699 | 53.61603 |
| 6/7/2009 15:45 | 1654200.003 | 65.193 | 1.033 | 2.38623 | 54.0265  |
| 6/7/2009 16:00 | 1655100.009 | 65.263 | 1.036 | 2.39316 | 54.33435 |
| 6/7/2009 16:15 | 1656000     | 65.31  | 1.026 | 2.37006 | 53.30818 |
| 6/7/2009 16:30 | 1656900     | 65.38  | 1.034 | 2.38854 | 54.12911 |
| 6/7/2009 16:45 | 1657800     | 65.462 | 1.029 | 2.37699 | 53.61603 |
| 6/7/2009 17:00 | 1658700     | 65.531 | 1.032 | 2.38392 | 53.92388 |
| 6/7/2009 17:15 | 1659600.003 | 65.604 | 1.034 | 2.38854 | 54.12911 |
| 6/7/2009 17:30 | 1660500.003 | 65.636 | 1.031 | 2.38161 | 53.82126 |
| 6/7/2009 17:45 | 1661400.003 | 65.704 | 1.029 | 2.37699 | 53.61603 |
| 6/7/2009 18:00 | 1662300     | 65.688 | 1.029 | 2.37699 | 53.61603 |
| 6/7/2009 18:15 | 1663200     | 65.707 | 1.029 | 2.37699 | 53.61603 |
| 6/7/2009 18:30 | 1664100     | 65.712 | 1.026 | 2.37006 | 53.30818 |
| 6/7/2009 18:45 | 1665000     | 65.702 | 1.031 | 2.38161 | 53.82126 |
| 6/7/2009 19:00 | 1665900.003 | 65.704 | 1.029 | 2.37699 | 53.61603 |
| 6/7/2009 19:15 | 1666800.003 | 65.737 | 1.021 | 2.35851 | 52.79509 |
| 6/7/2009 19:30 | 1667700.003 | 65.721 | 1.023 | 2.36313 | 53.00032 |
| 6/7/2009 19:45 | 1668600.003 | 65.657 | 1.025 | 2.36775 | 53.20556 |
| 6/7/2009 20:00 | 1669500.003 | 65.692 | 1.027 | 2.37237 | 53.41079 |
| 6/7/2009 20:15 | 1670400.003 | 65.621 | 1.029 | 2.37699 | 53.61603 |
| 6/7/2009 20:30 | 1671300.003 | 65.595 | 1.025 | 2.36775 | 53.20556 |
| 6/7/2009 20:45 | 1672200     | 65.569 | 1.022 | 2.36082 | 52.89771 |
| 6/7/2009 21:00 | 1673100     | 65.537 | 1.03  | 2.3793  | 53.71864 |
| 6/7/2009 21:15 | 1674000.003 | 65.515 | 1.024 | 2.36544 | 53.10294 |
| 6/7/2009 21:30 | 1674900.003 | 65.499 | 1.027 | 2.37237 | 53.41079 |
| 6/7/2009 21:45 | 1675800.003 | 65.523 | 1.036 | 2.39316 | 54.33435 |
| 6/7/2009 22:00 | 1676700     | 65.462 | 1.022 | 2.36082 | 52.89771 |
| 6/7/2009 22:15 | 1677600     | 65.444 | 1.027 | 2.37237 | 53.41079 |
| 6/7/2009 22:30 | 1678500     | 65.413 | 1.024 | 2.36544 | 53.10294 |
| 6/7/2009 22:45 | 1679400.003 | 65.379 | 1.025 | 2.36775 | 53.20556 |
| 6/7/2009 23:00 | 1680300.003 | 65.387 | 1.025 | 2.36775 | 53.20556 |
| 6/7/2009 23:15 | 1681200     | 65.293 | 1.029 | 2.37699 | 53.61603 |



|                |             |        |       |         |          |
|----------------|-------------|--------|-------|---------|----------|
| 6/7/2009 23:30 | 1682100     | 65.24  | 1.027 | 2.37237 | 53.41079 |
| 6/7/2009 23:45 | 1683000.003 | 65.19  | 1.02  | 2.3562  | 52.69247 |
| 6/8/2009 0:00  | 1683900.009 | 65.133 | 1.022 | 2.36082 | 52.89771 |
| 6/8/2009 0:15  | 1684800     | 65.073 | 1.026 | 2.37006 | 53.30818 |
| 6/8/2009 0:30  | 1685700     | 65     | 1.026 | 2.37006 | 53.30818 |
| 6/8/2009 0:45  | 1686600.003 | 64.932 | 1.021 | 2.35851 | 52.79509 |
| 6/8/2009 1:00  | 1687500.003 | 64.897 | 1.023 | 2.36313 | 53.00032 |
| 6/8/2009 1:15  | 1688400     | 64.761 | 1.023 | 2.36313 | 53.00032 |
| 6/8/2009 1:30  | 1689300     | 64.681 | 1.027 | 2.37237 | 53.41079 |
| 6/8/2009 1:45  | 1690200     | 64.589 | 1.021 | 2.35851 | 52.79509 |
| 6/8/2009 2:00  | 1691100.003 | 64.494 | 1.023 | 2.36313 | 53.00032 |
| 6/8/2009 2:15  | 1692000.003 | 64.452 | 1.025 | 2.36775 | 53.20556 |
| 6/8/2009 2:30  | 1692900     | 64.299 | 1.026 | 2.37006 | 53.30818 |
| 6/8/2009 2:45  | 1693800     | 64.204 | 1.02  | 2.3562  | 52.69247 |
| 6/8/2009 3:00  | 1694700     | 64.113 | 1.024 | 2.36544 | 53.10294 |
| 6/8/2009 3:15  | 1695600     | 64.006 | 1.021 | 2.35851 | 52.79509 |
| 6/8/2009 3:30  | 1696500     | 63.908 | 1.024 | 2.36544 | 53.10294 |
| 6/8/2009 3:45  | 1697400     | 63.807 | 1.023 | 2.36313 | 53.00032 |
| 6/8/2009 4:00  | 1698300     | 63.707 | 1.025 | 2.36775 | 53.20556 |
| 6/8/2009 4:15  | 1699200     | 63.609 | 1.024 | 2.36544 | 53.10294 |
| 6/8/2009 4:30  | 1700100     | 63.512 | 1.026 | 2.37006 | 53.30818 |
| 6/8/2009 4:45  | 1701000     | 63.418 | 1.022 | 2.36082 | 52.89771 |
| 6/8/2009 5:00  | 1701900     | 63.314 | 1.016 | 2.34696 | 52.282   |
| 6/8/2009 5:15  | 1702800     | 63.236 | 1.027 | 2.37237 | 53.41079 |
| 6/8/2009 5:30  | 1703700     | 63.145 | 1.019 | 2.35389 | 52.58986 |
| 6/8/2009 5:45  | 1704600.003 | 63.055 | 1.022 | 2.36082 | 52.89771 |
| 6/8/2009 6:00  | 1705500.003 | 63.037 | 1.017 | 2.34927 | 52.38462 |
| 6/8/2009 6:15  | 1706400     | 62.903 | 1.012 | 2.33772 | 51.87154 |
| 6/8/2009 6:30  | 1707300     | 62.834 | 1.023 | 2.36313 | 53.00032 |
| 6/8/2009 6:45  | 1708200.003 | 62.773 | 1.02  | 2.3562  | 52.69247 |
| 6/8/2009 7:00  | 1709100.003 | 62.778 | 1.018 | 2.35158 | 52.48724 |
| 6/8/2009 7:15  | 1710000     | 62.685 | 1.022 | 2.36082 | 52.89771 |
| 6/8/2009 7:30  | 1710900     | 62.668 | 1.019 | 2.35389 | 52.58986 |
| 6/8/2009 7:45  | 1711800.003 | 62.667 | 1.023 | 2.36313 | 53.00032 |
| 6/8/2009 8:00  | 1712700.003 | 62.733 | 1.015 | 2.34465 | 52.17939 |
| 6/8/2009 8:15  | 1713600     | 62.722 | 1.019 | 2.35389 | 52.58986 |
| 6/8/2009 8:30  | 1714500     | 62.772 | 1.021 | 2.35851 | 52.79509 |
| 6/8/2009 8:45  | 1715400.003 | 62.824 | 1.02  | 2.3562  | 52.69247 |
| 6/8/2009 9:00  | 1716300.003 | 62.951 | 1.018 | 2.35158 | 52.48724 |
| 6/8/2009 9:15  | 1717200     | 62.983 | 1.019 | 2.35389 | 52.58986 |
| 6/8/2009 9:30  | 1718100     | 63.049 | 1.023 | 2.36313 | 53.00032 |
| 6/8/2009 9:45  | 1719000     | 63.164 | 1.019 | 2.35389 | 52.58986 |
| 6/8/2009 10:00 | 1719900     | 63.263 | 1.02  | 2.3562  | 52.69247 |
| 6/8/2009 10:15 | 1720800     | 63.387 | 1.016 | 2.34696 | 52.282   |
| 6/8/2009 10:30 | 1721700     | 63.514 | 1.011 | 2.33541 | 51.76892 |
| 6/8/2009 10:45 | 1722600     | 63.641 | 1.014 | 2.34234 | 52.07677 |
| 6/8/2009 11:00 | 1723500     | 63.769 | 1.01  | 2.3331  | 51.6663  |
| 6/8/2009 11:15 | 1724400     | 63.903 | 1.012 | 2.33772 | 51.87154 |
| 6/8/2009 11:30 | 1725300     | 64.045 | 1.014 | 2.34234 | 52.07677 |
| 6/8/2009 11:45 | 1726200     | 64.201 | 1.014 | 2.34234 | 52.07677 |
| 6/8/2009 12:00 | 1727100     | 64.355 | 1.012 | 2.33772 | 51.87154 |
| 6/8/2009 12:15 | 1728000     | 64.516 | 1.01  | 2.3331  | 51.6663  |

|                |             |        |       |         |          |
|----------------|-------------|--------|-------|---------|----------|
| 6/8/2009 12:30 | 1728900     | 64.674 | 1.011 | 2.33541 | 51.76892 |
| 6/8/2009 12:45 | 1729800     | 64.825 | 1.013 | 2.34003 | 51.97415 |
| 6/8/2009 13:00 | 1730700     | 64.976 | 1.017 | 2.34927 | 52.38462 |
| 6/8/2009 13:15 | 1731600     | 65.119 | 1.016 | 2.34696 | 52.282   |
| 6/8/2009 13:30 | 1732500     | 65.292 | 1.01  | 2.3331  | 51.6663  |
| 6/8/2009 13:45 | 1733400.003 | 65.426 | 1.008 | 2.32848 | 51.46107 |
| 6/8/2009 14:00 | 1734300.003 | 65.615 | 1.008 | 2.32848 | 51.46107 |
| 6/8/2009 14:15 | 1735200.003 | 65.696 | 1.005 | 2.32155 | 51.15322 |
| 6/8/2009 14:30 | 1736100.003 | 65.831 | 1.011 | 2.33541 | 51.76892 |
| 6/8/2009 14:45 | 1737000.003 | 65.991 | 1.011 | 2.33541 | 51.76892 |
| 6/8/2009 15:00 | 1737900     | 66.052 | 1.004 | 2.31924 | 51.0506  |
| 6/8/2009 15:15 | 1738800.003 | 66.152 | 1.008 | 2.32848 | 51.46107 |
| 6/8/2009 15:30 | 1739700.003 | 66.242 | 1.006 | 2.32386 | 51.25583 |
| 6/8/2009 15:45 | 1740600     | 66.315 | 1.006 | 2.32386 | 51.25583 |
| 6/8/2009 16:00 | 1741500.003 | 66.39  | 1.007 | 2.32617 | 51.35845 |
| 6/8/2009 16:15 | 1742400.009 | 66.46  | 1.005 | 2.32155 | 51.15322 |
| 6/8/2009 16:30 | 1743300.003 | 66.569 | 1.008 | 2.32848 | 51.46107 |
| 6/8/2009 16:45 | 1744200.003 | 66.579 | 1.008 | 2.32848 | 51.46107 |
| 6/8/2009 17:00 | 1745100.003 | 66.668 | 1.007 | 2.32617 | 51.35845 |
| 6/8/2009 17:15 | 1746000     | 66.658 | 1.002 | 2.31462 | 50.84536 |
| 6/8/2009 17:30 | 1746900     | 66.69  | 1.011 | 2.33541 | 51.76892 |
| 6/8/2009 17:45 | 1747800     | 66.724 | 1.003 | 2.31693 | 50.94798 |
| 6/8/2009 18:00 | 1748700     | 66.737 | 1.002 | 2.31462 | 50.84536 |
| 6/8/2009 18:15 | 1749600     | 66.75  | 1.003 | 2.31693 | 50.94798 |
| 6/8/2009 18:30 | 1750500     | 66.752 | 1.004 | 2.31924 | 51.0506  |
| 6/8/2009 18:45 | 1751400     | 66.745 | 1     | 2.31    | 50.64013 |
| 6/8/2009 19:00 | 1752300     | 66.729 | 1.002 | 2.31462 | 50.84536 |
| 6/8/2009 19:15 | 1753200.003 | 66.712 | 1.004 | 2.31924 | 51.0506  |
| 6/8/2009 19:30 | 1754100.003 | 66.684 | 1.003 | 2.31693 | 50.94798 |
| 6/8/2009 19:45 | 1755000     | 66.66  | 1.002 | 2.31462 | 50.84536 |
| 6/8/2009 20:00 | 1755900.003 | 66.63  | 1.007 | 2.32617 | 51.35845 |
| 6/8/2009 20:15 | 1756800.003 | 66.669 | 0.999 | 2.30769 | 50.53751 |
| 6/8/2009 20:30 | 1757700     | 66.601 | 0.999 | 2.30769 | 50.53751 |
| 6/8/2009 20:45 | 1758600.003 | 66.573 | 1.001 | 2.31231 | 50.74275 |
| 6/8/2009 21:00 | 1759500.003 | 66.601 | 1.006 | 2.32386 | 51.25583 |
| 6/8/2009 21:15 | 1760400     | 66.526 | 0.997 | 2.30307 | 50.33228 |
| 6/8/2009 21:30 | 1761300     | 66.486 | 1.007 | 2.32617 | 51.35845 |
| 6/8/2009 21:45 | 1762200.003 | 66.446 | 0.998 | 2.30538 | 50.4349  |
| 6/8/2009 22:00 | 1763100.003 | 66.461 | 1.006 | 2.32386 | 51.25583 |
| 6/8/2009 22:15 | 1764000.003 | 66.365 | 1.002 | 2.31462 | 50.84536 |
| 6/8/2009 22:30 | 1764900.003 | 66.32  | 1.003 | 2.31693 | 50.94798 |
| 6/8/2009 22:45 | 1765800.003 | 66.326 | 1.004 | 2.31924 | 51.0506  |
| 6/8/2009 23:00 | 1766700.003 | 66.231 | 1.001 | 2.31231 | 50.74275 |
| 6/8/2009 23:15 | 1767600.003 | 66.233 | 1.005 | 2.32155 | 51.15322 |
| 6/8/2009 23:30 | 1768500     | 66.138 | 1.007 | 2.32617 | 51.35845 |
| 6/8/2009 23:45 | 1769400     | 66.089 | 1.004 | 2.31924 | 51.0506  |
| 6/9/2009 0:00  | 1770300     | 66.03  | 1.001 | 2.31231 | 50.74275 |
| 6/9/2009 0:15  | 1771200     | 65.975 | 1.001 | 2.31231 | 50.74275 |
| 6/9/2009 0:30  | 1772100     | 65.922 | 0.999 | 2.30769 | 50.53751 |
| 6/9/2009 0:45  | 1773000     | 65.857 | 0.996 | 2.30076 | 50.22966 |
| 6/9/2009 1:00  | 1773900.003 | 65.776 | 1.004 | 2.31924 | 51.0506  |
| 6/9/2009 1:15  | 1774800.003 | 65.753 | 1.002 | 2.31462 | 50.84536 |

|                |             |        |       |         |          |
|----------------|-------------|--------|-------|---------|----------|
| 6/9/2009 1:30  | 1775700     | 65.621 | 1.001 | 2.31231 | 50.74275 |
| 6/9/2009 1:45  | 1776600.003 | 65.533 | 1.003 | 2.31693 | 50.94798 |
| 6/9/2009 2:00  | 1777500     | 65.45  | 0.997 | 2.30307 | 50.33228 |
| 6/9/2009 2:15  | 1778400     | 65.358 | 1.004 | 2.31924 | 51.0506  |
| 6/9/2009 2:30  | 1779300     | 65.261 | 1     | 2.31    | 50.64013 |
| 6/9/2009 2:45  | 1780200     | 65.174 | 1.002 | 2.31462 | 50.84536 |
| 6/9/2009 3:00  | 1781100.003 | 65.076 | 1     | 2.31    | 50.64013 |
| 6/9/2009 3:15  | 1782000.009 | 64.984 | 0.995 | 2.29845 | 50.12704 |
| 6/9/2009 3:30  | 1782900.003 | 64.941 | 0.998 | 2.30538 | 50.4349  |
| 6/9/2009 3:45  | 1783800     | 64.801 | 0.998 | 2.30538 | 50.4349  |
| 6/9/2009 4:00  | 1784700     | 64.712 | 1.001 | 2.31231 | 50.74275 |
| 6/9/2009 4:15  | 1785600.003 | 64.618 | 0.999 | 2.30769 | 50.53751 |
| 6/9/2009 4:30  | 1786500.003 | 64.527 | 0.999 | 2.30769 | 50.53751 |
| 6/9/2009 4:45  | 1787400.003 | 64.473 | 1.001 | 2.31231 | 50.74275 |
| 6/9/2009 5:00  | 1788300     | 64.327 | 0.999 | 2.30769 | 50.53751 |
| 6/9/2009 5:15  | 1789200     | 64.233 | 0.999 | 2.30769 | 50.53751 |
| 6/9/2009 5:30  | 1790100     | 64.147 | 1.003 | 2.31693 | 50.94798 |
| 6/9/2009 5:45  | 1791000     | 64.049 | 0.999 | 2.30769 | 50.53751 |
| 6/9/2009 6:00  | 1791900     | 63.962 | 1.001 | 2.31231 | 50.74275 |
| 6/9/2009 6:15  | 1792800     | 63.875 | 0.999 | 2.30769 | 50.53751 |
| 6/9/2009 6:30  | 1793700     | 63.796 | 1.001 | 2.31231 | 50.74275 |
| 6/9/2009 6:45  | 1794600.003 | 63.718 | 0.999 | 2.30769 | 50.53751 |
| 6/9/2009 7:00  | 1795500     | 63.665 | 1.001 | 2.31231 | 50.74275 |
| 6/9/2009 7:15  | 1796400     | 63.623 | 1.002 | 2.31462 | 50.84536 |
| 6/9/2009 7:30  | 1797300     | 63.608 | 0.998 | 2.30538 | 50.4349  |
| 6/9/2009 7:45  | 1798200     | 63.586 | 1.001 | 2.31231 | 50.74275 |
| 6/9/2009 8:00  | 1799100     | 63.582 | 1.001 | 2.31231 | 50.74275 |
| 6/9/2009 8:15  | 1800000     | 63.614 | 1.002 | 2.31462 | 50.84536 |
| 6/9/2009 8:30  | 1800900     | 63.629 | 0.999 | 2.30769 | 50.53751 |
| 6/9/2009 8:45  | 1801800.003 | 63.649 | 1.007 | 2.32617 | 51.35845 |
| 6/9/2009 9:00  | 1802700.003 | 63.777 | 1.01  | 2.3331  | 51.6663  |
| 6/9/2009 9:15  | 1803600     | 63.796 | 1.006 | 2.32386 | 51.25583 |
| 6/9/2009 9:30  | 1804500     | 63.816 | 1.006 | 2.32386 | 51.25583 |
| 6/9/2009 9:45  | 1805400     | 63.861 | 1.008 | 2.32848 | 51.46107 |
| 6/9/2009 10:00 | 1806300     | 63.937 | 1.008 | 2.32848 | 51.46107 |
| 6/9/2009 10:15 | 1807200.003 | 64.037 | 1.007 | 2.32617 | 51.35845 |
| 6/9/2009 10:30 | 1808100.003 | 64.175 | 1.007 | 2.32617 | 51.35845 |
| 6/9/2009 10:45 | 1809000.003 | 64.349 | 1.008 | 2.32848 | 51.46107 |
| 6/9/2009 11:00 | 1809900.003 | 64.438 | 1.009 | 2.33079 | 51.56368 |
| 6/9/2009 11:15 | 1810800.003 | 64.643 | 1.004 | 2.31924 | 51.0506  |
| 6/9/2009 11:30 | 1811700.003 | 64.808 | 1.007 | 2.32617 | 51.35845 |
| 6/9/2009 11:45 | 1812600.003 | 64.935 | 1.002 | 2.31462 | 50.84536 |
| 6/9/2009 12:00 | 1813500.003 | 65.158 | 1.005 | 2.32155 | 51.15322 |
| 6/9/2009 12:15 | 1814400.003 | 65.284 | 1.004 | 2.31924 | 51.0506  |
| 6/9/2009 12:30 | 1815300.003 | 65.447 | 1.005 | 2.32155 | 51.15322 |
| 6/9/2009 12:45 | 1816200.003 | 65.682 | 1.006 | 2.32386 | 51.25583 |
| 6/9/2009 13:00 | 1817100.003 | 65.833 | 1.004 | 2.31924 | 51.0506  |
| 6/9/2009 13:15 | 1818000     | 65.882 | 1.006 | 2.32386 | 51.25583 |
| 6/9/2009 13:30 | 1818900     | 66.011 | 1.006 | 2.32386 | 51.25583 |
| 6/9/2009 13:45 | 1819800.003 | 66.115 | 1.009 | 2.33079 | 51.56368 |
| 6/9/2009 14:00 | 1820700.003 | 66.287 | 1.002 | 2.31462 | 50.84536 |
| 6/9/2009 14:15 | 1821600.003 | 66.328 | 1.003 | 2.31693 | 50.94798 |

|                |             |        |       |         |          |
|----------------|-------------|--------|-------|---------|----------|
| 6/9/2009 14:30 | 1822500.003 | 66.441 | 1.001 | 2.31231 | 50.74275 |
| 6/9/2009 14:45 | 1823400.003 | 66.572 | 1.003 | 2.31693 | 50.94798 |
| 6/9/2009 15:00 | 1824300.003 | 66.611 | 1.004 | 2.31924 | 51.0506  |
| 6/9/2009 15:15 | 1825200.003 | 66.765 | 0.999 | 2.30769 | 50.53751 |
| 6/9/2009 15:30 | 1826100.003 | 66.85  | 1.006 | 2.32386 | 51.25583 |
| 6/9/2009 15:45 | 1827000     | 66.878 | 1.002 | 2.31462 | 50.84536 |
| 6/9/2009 16:00 | 1827900     | 66.938 | 1.002 | 2.31462 | 50.84536 |
| 6/9/2009 16:15 | 1828800     | 66.962 | 1     | 2.31    | 50.64013 |
| 6/9/2009 16:30 | 1829700     | 67.003 | 1.003 | 2.31693 | 50.94798 |
| 6/9/2009 16:45 | 1830600.003 | 67.085 | 1.001 | 2.31231 | 50.74275 |
| 6/9/2009 17:00 | 1831500.009 | 67.119 | 1     | 2.31    | 50.64013 |
| 6/9/2009 17:15 | 1832400     | 67.114 | 0.998 | 2.30538 | 50.4349  |
| 6/9/2009 17:30 | 1833300     | 67.104 | 1.001 | 2.31231 | 50.74275 |
| 6/9/2009 17:45 | 1834200     | 67.096 | 0.997 | 2.30307 | 50.33228 |
| 6/9/2009 18:00 | 1835100.009 | 67.1   | 0.999 | 2.30769 | 50.53751 |
| 6/9/2009 18:15 | 1836000     | 67.115 | 0.997 | 2.30307 | 50.33228 |
| 6/9/2009 18:30 | 1836900     | 67.112 | 0.997 | 2.30307 | 50.33228 |
| 6/9/2009 18:45 | 1837800     | 67.11  | 1.004 | 2.31924 | 51.0506  |
| 6/9/2009 19:00 | 1838700.003 | 67.115 | 0.994 | 2.29614 | 50.02443 |
| 6/9/2009 19:15 | 1839600.009 | 67.113 | 1.004 | 2.31924 | 51.0506  |
| 6/9/2009 19:30 | 1840500.003 | 67.168 | 1.001 | 2.31231 | 50.74275 |
| 6/9/2009 19:45 | 1841400.003 | 67.108 | 1.006 | 2.32386 | 51.25583 |
| 6/9/2009 20:00 | 1842300.003 | 67.147 | 1     | 2.31    | 50.64013 |
| 6/9/2009 20:15 | 1843200     | 67.081 | 0.996 | 2.30076 | 50.22966 |
| 6/9/2009 20:30 | 1844100     | 67.07  | 1     | 2.31    | 50.64013 |
| 6/9/2009 20:45 | 1845000.003 | 67.052 | 0.998 | 2.30538 | 50.4349  |
| 6/9/2009 21:00 | 1845900.003 | 67.086 | 1.006 | 2.32386 | 51.25583 |
| 6/9/2009 21:15 | 1846800     | 67.011 | 1.004 | 2.31924 | 51.0506  |
| 6/9/2009 21:30 | 1847700     | 66.989 | 1.002 | 2.31462 | 50.84536 |
| 6/9/2009 21:45 | 1848600     | 66.96  | 1.003 | 2.31693 | 50.94798 |
| 6/9/2009 22:00 | 1849500     | 66.934 | 1.002 | 2.31462 | 50.84536 |
| 6/9/2009 22:15 | 1850400     | 66.909 | 1     | 2.31    | 50.64013 |
| 6/9/2009 22:30 | 1851300     | 66.881 | 0.999 | 2.30769 | 50.53751 |
| 6/9/2009 22:45 | 1852200     | 66.841 | 0.995 | 2.29845 | 50.12704 |
| 6/9/2009 23:00 | 1853100     | 66.8   | 1.002 | 2.31462 | 50.84536 |
| 6/9/2009 23:15 | 1854000     | 66.751 | 1.001 | 2.31231 | 50.74275 |
| 6/9/2009 23:30 | 1854900     | 66.691 | 1.004 | 2.31924 | 51.0506  |
| 6/9/2009 23:45 | 1855800.003 | 66.629 | 1.005 | 2.32155 | 51.15322 |
| 6/10/2009 0:00 | 1856700.003 | 66.615 | 1.002 | 2.31462 | 50.84536 |
| 6/10/2009 0:15 | 1857600     | 66.489 | 0.999 | 2.30769 | 50.53751 |
| 6/10/2009 0:30 | 1858500     | 66.417 | 1.002 | 2.31462 | 50.84536 |
| 6/10/2009 0:45 | 1859400.003 | 66.342 | 1.002 | 2.31462 | 50.84536 |
| 6/10/2009 1:00 | 1860300     | 66.258 | 1.01  | 2.3331  | 51.6663  |
| 6/10/2009 1:15 | 1861200     | 66.168 | 1.002 | 2.31462 | 50.84536 |
| 6/10/2009 1:30 | 1862100     | 66.077 | 1.006 | 2.32386 | 51.25583 |
| 6/10/2009 1:45 | 1863000.003 | 65.98  | 1.004 | 2.31924 | 51.0506  |
| 6/10/2009 2:00 | 1863900.009 | 65.875 | 1     | 2.31    | 50.64013 |
| 6/10/2009 2:15 | 1864800     | 65.779 | 1.005 | 2.32155 | 51.15322 |
| 6/10/2009 2:30 | 1865700     | 65.686 | 1.002 | 2.31462 | 50.84536 |
| 6/10/2009 2:45 | 1866600     | 65.591 | 1.008 | 2.32848 | 51.46107 |
| 6/10/2009 3:00 | 1867500     | 65.501 | 1.005 | 2.32155 | 51.15322 |
| 6/10/2009 3:15 | 1868400     | 65.417 | 1.001 | 2.31231 | 50.74275 |

|                 |             |        |       |         |          |
|-----------------|-------------|--------|-------|---------|----------|
| 6/10/2009 3:30  | 1869300     | 65.34  | 1     | 2.31    | 50.64013 |
| 6/10/2009 3:45  | 1870200     | 65.241 | 1.005 | 2.32155 | 51.15322 |
| 6/10/2009 4:00  | 1871100.003 | 65.164 | 1.001 | 2.31231 | 50.74275 |
| 6/10/2009 4:15  | 1872000.003 | 65.127 | 1.005 | 2.32155 | 51.15322 |
| 6/10/2009 4:30  | 1872900     | 65     | 1.004 | 2.31924 | 51.0506  |
| 6/10/2009 4:45  | 1873800.003 | 64.915 | 1     | 2.31    | 50.64013 |
| 6/10/2009 5:00  | 1874700.009 | 64.833 | 1.007 | 2.32617 | 51.35845 |
| 6/10/2009 5:15  | 1875600     | 64.737 | 1.006 | 2.32386 | 51.25583 |
| 6/10/2009 5:30  | 1876500     | 64.661 | 1.009 | 2.33079 | 51.56368 |
| 6/10/2009 5:45  | 1877400.003 | 64.579 | 1.001 | 2.31231 | 50.74275 |
| 6/10/2009 6:00  | 1878300.003 | 64.558 | 1.004 | 2.31924 | 51.0506  |
| 6/10/2009 6:15  | 1879200     | 64.454 | 1.007 | 2.32617 | 51.35845 |
| 6/10/2009 6:30  | 1880100     | 64.399 | 1.004 | 2.31924 | 51.0506  |
| 6/10/2009 6:45  | 1881000.003 | 64.358 | 1.004 | 2.31924 | 51.0506  |
| 6/10/2009 7:00  | 1881900.009 | 64.319 | 0.999 | 2.30769 | 50.53751 |
| 6/10/2009 7:15  | 1882800     | 64.306 | 1.001 | 2.31231 | 50.74275 |
| 6/10/2009 7:30  | 1883700     | 64.289 | 1.009 | 2.33079 | 51.56368 |
| 6/10/2009 7:45  | 1884600     | 64.289 | 1.001 | 2.31231 | 50.74275 |
| 6/10/2009 8:00  | 1885500     | 64.311 | 1.005 | 2.32155 | 51.15322 |
| 6/10/2009 8:15  | 1886400     | 64.33  | 1.005 | 2.32155 | 51.15322 |
| 6/10/2009 8:30  | 1887300     | 64.342 | 1.009 | 2.33079 | 51.56368 |
| 6/10/2009 8:45  | 1888200     | 64.405 | 1.007 | 2.32617 | 51.35845 |
| 6/10/2009 9:00  | 1889100.003 | 64.452 | 1.006 | 2.32386 | 51.25583 |
| 6/10/2009 9:15  | 1890000.009 | 64.532 | 1.003 | 2.31693 | 50.94798 |
| 6/10/2009 9:30  | 1890900.003 | 64.701 | 1.007 | 2.32617 | 51.35845 |
| 6/10/2009 9:45  | 1891800.003 | 64.712 | 1.007 | 2.32617 | 51.35845 |
| 6/10/2009 10:00 | 1892700     | 64.824 | 1.012 | 2.33772 | 51.87154 |
| 6/10/2009 10:15 | 1893600     | 64.949 | 1.006 | 2.32386 | 51.25583 |
| 6/10/2009 10:30 | 1894500     | 65.032 | 1.006 | 2.32386 | 51.25583 |
| 6/10/2009 10:45 | 1895400.003 | 65.121 | 1.006 | 2.32386 | 51.25583 |
| 6/10/2009 11:00 | 1896300.003 | 65.265 | 1.002 | 2.31462 | 50.84536 |
| 6/10/2009 11:15 | 1897200     | 65.273 | 1.006 | 2.32386 | 51.25583 |
| 6/10/2009 11:30 | 1898100     | 65.396 | 1.004 | 2.31924 | 51.0506  |
| 6/10/2009 11:45 | 1899000.003 | 65.538 | 1.004 | 2.31924 | 51.0506  |
| 6/10/2009 12:00 | 1899900.003 | 65.71  | 1.013 | 2.34003 | 51.97415 |
| 6/10/2009 12:15 | 1900800.003 | 65.732 | 1.007 | 2.32617 | 51.35845 |
| 6/10/2009 12:30 | 1901700.009 | 65.753 | 1.002 | 2.31462 | 50.84536 |
| 6/10/2009 12:45 | 1902600     | 65.779 | 1.001 | 2.31231 | 50.74275 |
| 6/10/2009 13:00 | 1903500.003 | 65.828 | 1.007 | 2.32617 | 51.35845 |
| 6/10/2009 13:16 | 0           | 65.636 | 1.009 | 2.33079 | 51.56368 |
| 6/10/2009 13:31 | 900.004     | 65.976 | 1.009 | 2.33079 | 51.56368 |
| 6/10/2009 13:46 | 1800.001    | 66.083 | 1.009 | 2.33079 | 51.56368 |
| 6/10/2009 14:01 | 2700.004    | 66.12  | 1.011 | 2.33541 | 51.76892 |
| 6/10/2009 14:16 | 3600.001    | 66.157 | 1.009 | 2.33079 | 51.56368 |
| 6/10/2009 14:31 | 4500.004    | 66.19  | 1.006 | 2.32386 | 51.25583 |
| 6/10/2009 14:46 | 5400.001    | 66.211 | 1.007 | 2.32617 | 51.35845 |
| 6/10/2009 15:01 | 6300.004    | 66.234 | 1.005 | 2.32155 | 51.15322 |
| 6/10/2009 15:16 | 7200.001    | 66.27  | 1.012 | 2.33772 | 51.87154 |
| 6/10/2009 15:31 | 8100.001    | 66.391 | 1.007 | 2.32617 | 51.35845 |
| 6/10/2009 15:46 | 9000.001    | 66.451 | 1.015 | 2.34465 | 52.17939 |
| 6/10/2009 16:01 | 9900.004    | 66.507 | 1.003 | 2.31693 | 50.94798 |
| 6/10/2009 16:16 | 10800.004   | 66.616 | 1.011 | 2.33541 | 51.76892 |

|                 |           |        |       |         |          |
|-----------------|-----------|--------|-------|---------|----------|
| 6/10/2009 16:31 | 11700.001 | 66.63  | 1.009 | 2.33079 | 51.56368 |
| 6/10/2009 16:46 | 12600.001 | 66.669 | 1.007 | 2.32617 | 51.35845 |
| 6/10/2009 17:01 | 13500.004 | 66.694 | 1.009 | 2.33079 | 51.56368 |
| 6/10/2009 17:16 | 14400.004 | 66.768 | 1.007 | 2.32617 | 51.35845 |
| 6/10/2009 17:31 | 15300.008 | 66.763 | 1.006 | 2.32386 | 51.25583 |
| 6/10/2009 17:46 | 16200.004 | 66.759 | 1.009 | 2.33079 | 51.56368 |
| 6/10/2009 18:01 | 17100.004 | 66.83  | 1.009 | 2.33079 | 51.56368 |
| 6/10/2009 18:16 | 18000.001 | 66.797 | 1.008 | 2.32848 | 51.46107 |
| 6/10/2009 18:31 | 18900.001 | 66.815 | 1.01  | 2.3331  | 51.6663  |
| 6/10/2009 18:46 | 19800.001 | 66.833 | 1.009 | 2.33079 | 51.56368 |
| 6/10/2009 19:01 | 20700.001 | 66.855 | 1.011 | 2.33541 | 51.76892 |
| 6/10/2009 19:16 | 21600.001 | 66.881 | 1.009 | 2.33079 | 51.56368 |
| 6/10/2009 19:31 | 22500.001 | 66.892 | 1.009 | 2.33079 | 51.56368 |
| 6/10/2009 19:46 | 23400.001 | 66.894 | 1.011 | 2.33541 | 51.76892 |
| 6/10/2009 20:01 | 24300.004 | 66.886 | 1.006 | 2.32386 | 51.25583 |
| 6/10/2009 20:16 | 25200.004 | 66.916 | 1.012 | 2.33772 | 51.87154 |
| 6/10/2009 20:31 | 26100.008 | 66.891 | 1.008 | 2.32848 | 51.46107 |
| 6/10/2009 20:46 | 27000.004 | 66.816 | 1.008 | 2.32848 | 51.46107 |
| 6/10/2009 21:01 | 27900.004 | 66.828 | 1.01  | 2.3331  | 51.6663  |
| 6/10/2009 21:16 | 28800.001 | 66.743 | 1.008 | 2.32848 | 51.46107 |
| 6/10/2009 21:31 | 29700.001 | 66.702 | 1.009 | 2.33079 | 51.56368 |
| 6/10/2009 21:46 | 30600.001 | 66.665 | 1.012 | 2.33772 | 51.87154 |
| 6/10/2009 22:01 | 31500.001 | 66.613 | 1.009 | 2.33079 | 51.56368 |
| 6/10/2009 22:16 | 32400.004 | 66.571 | 1.012 | 2.33772 | 51.87154 |
| 6/10/2009 22:31 | 33300.004 | 66.522 | 1.008 | 2.32848 | 51.46107 |
| 6/10/2009 22:46 | 34200.004 | 66.515 | 1.004 | 2.31924 | 51.0506  |
| 6/10/2009 23:01 | 35100.001 | 66.418 | 1.009 | 2.33079 | 51.56368 |
| 6/10/2009 23:16 | 36000.004 | 66.362 | 1.006 | 2.32386 | 51.25583 |
| 6/10/2009 23:31 | 36900.007 | 66.3   | 1.006 | 2.32386 | 51.25583 |
| 6/10/2009 23:46 | 37800.001 | 66.237 | 1.006 | 2.32386 | 51.25583 |
| 6/11/2009 0:01  | 38700.004 | 66.165 | 1.011 | 2.33541 | 51.76892 |
| 6/11/2009 0:16  | 39600.001 | 66.091 | 1.007 | 2.32617 | 51.35845 |
| 6/11/2009 0:31  | 40500.001 | 66.02  | 1.007 | 2.32617 | 51.35845 |
| 6/11/2009 0:46  | 41400.001 | 65.945 | 1.007 | 2.32617 | 51.35845 |
| 6/11/2009 1:01  | 42300.001 | 65.868 | 1.008 | 2.32848 | 51.46107 |
| 6/11/2009 1:16  | 43200.004 | 65.795 | 1.007 | 2.32617 | 51.35845 |
| 6/11/2009 1:31  | 44100.004 | 65.719 | 1.009 | 2.33079 | 51.56368 |
| 6/11/2009 1:46  | 45000.004 | 65.692 | 1.01  | 2.3331  | 51.6663  |
| 6/11/2009 2:01  | 45900.004 | 65.564 | 1.01  | 2.3331  | 51.6663  |
| 6/11/2009 2:16  | 46800.004 | 65.54  | 1.012 | 2.33772 | 51.87154 |
| 6/11/2009 2:31  | 47700.001 | 65.427 | 1.008 | 2.32848 | 51.46107 |
| 6/11/2009 2:46  | 48600.001 | 65.36  | 1.01  | 2.3331  | 51.6663  |
| 6/11/2009 3:01  | 49500.004 | 65.292 | 1.007 | 2.32617 | 51.35845 |
| 6/11/2009 3:16  | 50400.008 | 65.278 | 1.01  | 2.3331  | 51.6663  |
| 6/11/2009 3:31  | 51300.001 | 65.162 | 1.007 | 2.32617 | 51.35845 |
| 6/11/2009 3:46  | 52200.004 | 65.096 | 1.007 | 2.32617 | 51.35845 |
| 6/11/2009 4:01  | 53100.004 | 65.086 | 1.008 | 2.32848 | 51.46107 |
| 6/11/2009 4:16  | 54000.004 | 64.982 | 1.01  | 2.3331  | 51.6663  |
| 6/11/2009 4:31  | 54900.004 | 64.959 | 1.011 | 2.33541 | 51.76892 |
| 6/11/2009 4:46  | 55800.001 | 64.844 | 1.008 | 2.32848 | 51.46107 |
| 6/11/2009 5:01  | 56700.001 | 64.77  | 1.001 | 2.31231 | 50.74275 |
| 6/11/2009 5:16  | 57600.004 | 64.691 | 1.009 | 2.33079 | 51.56368 |

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|-----------------|------------|--------|-------|---------|----------|
| 6/11/2009 5:31  | 58500.006  | 64.616 | 1.01  | 2.3331  | 51.6663  |
| 6/11/2009 5:46  | 59400.001  | 64.557 | 1.005 | 2.32155 | 51.15322 |
| 6/11/2009 6:01  | 60300.001  | 64.485 | 1.001 | 2.31231 | 50.74275 |
| 6/11/2009 6:16  | 61200.004  | 64.426 | 1.009 | 2.33079 | 51.56368 |
| 6/11/2009 6:31  | 62100.004  | 64.364 | 1.009 | 2.33079 | 51.56368 |
| 6/11/2009 6:46  | 63000.004  | 64.366 | 1.011 | 2.33541 | 51.76892 |
| 6/11/2009 7:01  | 63900.004  | 64.27  | 1.01  | 2.3331  | 51.6663  |
| 6/11/2009 7:16  | 64800.004  | 64.302 | 1.014 | 2.34234 | 52.07677 |
| 6/11/2009 7:31  | 65700.001  | 64.233 | 1.011 | 2.33541 | 51.76892 |
| 6/11/2009 7:46  | 66600.004  | 64.214 | 1.012 | 2.33772 | 51.87154 |
| 6/11/2009 8:01  | 67500.007  | 64.227 | 1.006 | 2.32386 | 51.25583 |
| 6/11/2009 8:16  | 68400.001  | 64.251 | 1.013 | 2.34003 | 51.97415 |
| 6/11/2009 8:31  | 69300.001  | 64.294 | 1.012 | 2.33772 | 51.87154 |
| 6/11/2009 8:46  | 70200.001  | 64.328 | 1.004 | 2.31924 | 51.0506  |
| 6/11/2009 9:01  | 71100.001  | 64.39  | 1.006 | 2.32386 | 51.25583 |
| 6/11/2009 9:16  | 72000.004  | 64.466 | 1.012 | 2.33772 | 51.87154 |
| 6/11/2009 9:31  | 72900.006  | 64.55  | 1.013 | 2.34003 | 51.97415 |
| 6/11/2009 9:46  | 73800.001  | 64.654 | 1.008 | 2.32848 | 51.46107 |
| 6/11/2009 10:01 | 74700.004  | 64.754 | 1.009 | 2.33079 | 51.56368 |
| 6/11/2009 10:16 | 75600.004  | 64.917 | 1.007 | 2.32617 | 51.35845 |
| 6/11/2009 10:31 | 76500.001  | 64.979 | 1.003 | 2.31693 | 50.94798 |
| 6/11/2009 10:46 | 77400.004  | 65.099 | 1.01  | 2.3331  | 51.6663  |
| 6/11/2009 11:01 | 78300.004  | 65.276 | 1.009 | 2.33079 | 51.56368 |
| 6/11/2009 11:16 | 79200.004  | 65.418 | 1.011 | 2.33541 | 51.76892 |
| 6/11/2009 11:31 | 80100.001  | 65.503 | 1.009 | 2.33079 | 51.56368 |
| 6/11/2009 11:46 | 81000.004  | 65.651 | 1.009 | 2.33079 | 51.56368 |
| 6/11/2009 12:01 | 81900.001  | 65.792 | 1.006 | 2.32386 | 51.25583 |
| 6/11/2009 12:16 | 82800.004  | 65.935 | 1.005 | 2.32155 | 51.15322 |
| 6/11/2009 12:31 | 83700.004  | 66.083 | 1.005 | 2.32155 | 51.15322 |
| 6/11/2009 12:46 | 84600.001  | 66.244 | 1.006 | 2.32386 | 51.25583 |
| 6/11/2009 13:01 | 85500.001  | 66.389 | 1.006 | 2.32386 | 51.25583 |
| 6/11/2009 13:16 | 86400.004  | 66.513 | 1.002 | 2.31462 | 50.84536 |
| 6/11/2009 13:31 | 87300.004  | 66.658 | 1.005 | 2.32155 | 51.15322 |
| 6/11/2009 13:46 | 88200.004  | 66.84  | 1.006 | 2.32386 | 51.25583 |
| 6/11/2009 14:01 | 89100.001  | 66.922 | 1.009 | 2.33079 | 51.56368 |
| 6/11/2009 14:16 | 90000.001  | 67.017 | 1.004 | 2.31924 | 51.0506  |
| 6/11/2009 14:31 | 90900.001  | 67.127 | 1.003 | 2.31693 | 50.94798 |
| 6/11/2009 14:46 | 91800.001  | 67.24  | 1.007 | 2.32617 | 51.35845 |
| 6/11/2009 15:01 | 92700.001  | 67.3   | 0.997 | 2.30307 | 50.33228 |
| 6/11/2009 15:16 | 93600.004  | 67.384 | 1.004 | 2.31924 | 51.0506  |
| 6/11/2009 15:31 | 94500.004  | 67.457 | 1.005 | 2.32155 | 51.15322 |
| 6/11/2009 15:46 | 95400.001  | 67.515 | 1.002 | 2.31462 | 50.84536 |
| 6/11/2009 16:01 | 96300.001  | 67.513 | 1     | 2.31    | 50.64013 |
| 6/11/2009 16:16 | 97200.001  | 67.576 | 0.997 | 2.30307 | 50.33228 |
| 6/11/2009 16:31 | 98100.001  | 67.637 | 1     | 2.31    | 50.64013 |
| 6/11/2009 16:46 | 99000.001  | 67.657 | 0.996 | 2.30076 | 50.22966 |
| 6/11/2009 17:01 | 99900.001  | 67.691 | 0.998 | 2.30538 | 50.4349  |
| 6/11/2009 17:16 | 100800.001 | 67.708 | 1     | 2.31    | 50.64013 |
| 6/11/2009 17:31 | 101700.001 | 67.731 | 0.998 | 2.30538 | 50.4349  |
| 6/11/2009 17:46 | 102600.004 | 67.733 | 1.005 | 2.32155 | 51.15322 |
| 6/11/2009 18:01 | 103500.004 | 67.78  | 1.001 | 2.31231 | 50.74275 |
| 6/11/2009 18:16 | 104400.001 | 67.727 | 1.001 | 2.31231 | 50.74275 |

|                 |            |        |       |         |          |
|-----------------|------------|--------|-------|---------|----------|
| 6/11/2009 18:31 | 105300.001 | 67.719 | 1.003 | 2.31693 | 50.94798 |
| 6/11/2009 18:46 | 106200.001 | 67.704 | 0.998 | 2.30538 | 50.4349  |
| 6/11/2009 19:01 | 107100.004 | 67.691 | 0.998 | 2.30538 | 50.4349  |
| 6/11/2009 19:16 | 108000.004 | 67.718 | 1.004 | 2.31924 | 51.0506  |
| 6/11/2009 19:31 | 108900.001 | 67.657 | 0.993 | 2.29383 | 49.92181 |
| 6/11/2009 19:46 | 109800.004 | 67.642 | 0.999 | 2.30769 | 50.53751 |
| 6/11/2009 20:01 | 110700.007 | 67.627 | 1.01  | 2.3331  | 51.6663  |
| 6/11/2009 20:16 | 111600.001 | 67.609 | 1.003 | 2.31693 | 50.94798 |
| 6/11/2009 20:31 | 112500.001 | 67.586 | 0.999 | 2.30769 | 50.53751 |
| 6/11/2009 20:46 | 113400.001 | 67.556 | 1.001 | 2.31231 | 50.74275 |
| 6/11/2009 21:01 | 114300.001 | 67.538 | 1     | 2.31    | 50.64013 |
| 6/11/2009 21:16 | 115200.001 | 67.513 | 0.993 | 2.29383 | 49.92181 |
| 6/11/2009 21:31 | 116100.001 | 67.485 | 0.994 | 2.29614 | 50.02443 |
| 6/11/2009 21:46 | 117000.001 | 67.461 | 0.999 | 2.30769 | 50.53751 |
| 6/11/2009 22:01 | 117900.001 | 67.437 | 0.999 | 2.30769 | 50.53751 |
| 6/11/2009 22:16 | 118800.001 | 67.41  | 1.001 | 2.31231 | 50.74275 |
| 6/11/2009 22:31 | 119700.001 | 67.388 | 0.999 | 2.30769 | 50.53751 |
| 6/11/2009 22:46 | 120600.001 | 67.363 | 0.996 | 2.30076 | 50.22966 |
| 6/11/2009 23:01 | 121500.001 | 67.327 | 0.998 | 2.30538 | 50.4349  |
| 6/11/2009 23:16 | 122400.001 | 67.281 | 0.998 | 2.30538 | 50.4349  |
| 6/11/2009 23:31 | 123300.001 | 67.243 | 0.997 | 2.30307 | 50.33228 |
| 6/11/2009 23:46 | 124200.001 | 67.205 | 0.997 | 2.30307 | 50.33228 |
| 6/12/2009 0:01  | 125100.001 | 67.164 | 0.991 | 2.28921 | 49.71658 |
| 6/12/2009 0:16  | 126000.001 | 67.106 | 0.995 | 2.29845 | 50.12704 |
| 6/12/2009 0:31  | 126900.001 | 67.06  | 0.992 | 2.29152 | 49.81919 |
| 6/12/2009 0:46  | 127800.001 | 67.002 | 0.998 | 2.30538 | 50.4349  |
| 6/12/2009 1:01  | 128700.001 | 66.944 | 0.993 | 2.29383 | 49.92181 |
| 6/12/2009 1:16  | 129600.001 | 66.869 | 1.004 | 2.31924 | 51.0506  |
| 6/12/2009 1:31  | 130500.001 | 66.814 | 1.001 | 2.31231 | 50.74275 |
| 6/12/2009 1:46  | 131400.001 | 66.751 | 0.992 | 2.29152 | 49.81919 |
| 6/12/2009 2:01  | 132300.001 | 66.689 | 0.998 | 2.30538 | 50.4349  |
| 6/12/2009 2:16  | 133200.001 | 66.63  | 0.991 | 2.28921 | 49.71658 |
| 6/12/2009 2:31  | 134100.001 | 66.571 | 1.001 | 2.31231 | 50.74275 |
| 6/12/2009 2:46  | 135000.001 | 66.506 | 0.995 | 2.29845 | 50.12704 |
| 6/12/2009 3:01  | 135900.004 | 66.441 | 0.994 | 2.29614 | 50.02443 |
| 6/12/2009 3:16  | 136800.001 | 66.368 | 0.995 | 2.29845 | 50.12704 |
| 6/12/2009 3:31  | 137700.001 | 66.294 | 0.996 | 2.30076 | 50.22966 |
| 6/12/2009 3:46  | 138600.004 | 66.218 | 1     | 2.31    | 50.64013 |
| 6/12/2009 4:01  | 139500.004 | 66.194 | 0.999 | 2.30769 | 50.53751 |
| 6/12/2009 4:16  | 140400.001 | 66.07  | 0.991 | 2.28921 | 49.71658 |
| 6/12/2009 4:31  | 141300.001 | 65.991 | 0.997 | 2.30307 | 50.33228 |
| 6/12/2009 4:46  | 142200.001 | 65.907 | 0.999 | 2.30769 | 50.53751 |
| 6/12/2009 5:01  | 143100.001 | 65.814 | 0.991 | 2.28921 | 49.71658 |
| 6/12/2009 5:16  | 144000.001 | 65.73  | 0.997 | 2.30307 | 50.33228 |
| 6/12/2009 5:31  | 144900.001 | 65.651 | 0.997 | 2.30307 | 50.33228 |
| 6/12/2009 5:46  | 145800.001 | 65.57  | 0.993 | 2.29383 | 49.92181 |
| 6/12/2009 6:01  | 146700.004 | 65.491 | 0.994 | 2.29614 | 50.02443 |
| 6/12/2009 6:16  | 147600.004 | 65.473 | 0.997 | 2.30307 | 50.33228 |
| 6/12/2009 6:31  | 148500.001 | 65.361 | 0.995 | 2.29845 | 50.12704 |
| 6/12/2009 6:46  | 149400.001 | 65.312 | 0.996 | 2.30076 | 50.22966 |
| 6/12/2009 7:01  | 150300.004 | 65.262 | 0.999 | 2.30769 | 50.53751 |
| 6/12/2009 7:16  | 151200.004 | 65.283 | 0.997 | 2.30307 | 50.33228 |



|                 |            |        |       |         |          |
|-----------------|------------|--------|-------|---------|----------|
| 6/12/2009 7:31  | 152100.001 | 65.214 | 0.996 | 2.30076 | 50.22966 |
| 6/12/2009 7:46  | 153000.004 | 65.203 | 0.992 | 2.29152 | 49.81919 |
| 6/12/2009 8:01  | 153900.004 | 65.253 | 0.996 | 2.30076 | 50.22966 |
| 6/12/2009 8:16  | 154800.001 | 65.227 | 0.993 | 2.29383 | 49.92181 |
| 6/12/2009 8:31  | 155700.001 | 65.263 | 0.998 | 2.30538 | 50.4349  |
| 6/12/2009 8:46  | 156600.001 | 65.309 | 0.991 | 2.28921 | 49.71658 |
| 6/12/2009 9:01  | 157500.001 | 65.378 | 1.001 | 2.31231 | 50.74275 |
| 6/12/2009 9:16  | 158400.001 | 65.45  | 0.998 | 2.30538 | 50.4349  |
| 6/12/2009 9:31  | 159300.001 | 65.513 | 0.991 | 2.28921 | 49.71658 |
| 6/12/2009 9:46  | 160200.004 | 65.591 | 0.996 | 2.30076 | 50.22966 |
| 6/12/2009 10:01 | 161100.004 | 65.724 | 0.996 | 2.30076 | 50.22966 |
| 6/12/2009 10:16 | 162000.001 | 65.765 | 0.994 | 2.29614 | 50.02443 |
| 6/12/2009 10:31 | 162900.001 | 65.868 | 0.992 | 2.29152 | 49.81919 |
| 6/12/2009 10:46 | 163800.001 | 65.967 | 0.996 | 2.30076 | 50.22966 |
| 6/12/2009 11:01 | 164700.001 | 66.082 | 0.993 | 2.29383 | 49.92181 |
| 6/12/2009 11:16 | 165600.004 | 66.197 | 0.995 | 2.29845 | 50.12704 |
| 6/12/2009 11:31 | 166500.006 | 66.321 | 1     | 2.31    | 50.64013 |
| 6/12/2009 11:46 | 167400.001 | 66.435 | 0.993 | 2.29383 | 49.92181 |
| 6/12/2009 12:01 | 168300.001 | 66.558 | 0.991 | 2.28921 | 49.71658 |
| 6/12/2009 12:16 | 169200.001 | 66.671 | 0.994 | 2.29614 | 50.02443 |
| 6/12/2009 12:31 | 170100.001 | 66.785 | 0.992 | 2.29152 | 49.81919 |
| 6/12/2009 12:46 | 171000.001 | 66.885 | 0.993 | 2.29383 | 49.92181 |
| 6/12/2009 13:01 | 171900.004 | 66.997 | 0.989 | 2.28459 | 49.51134 |
| 6/12/2009 13:16 | 172800.004 | 67.136 | 0.989 | 2.28459 | 49.51134 |
| 6/12/2009 13:31 | 173700.001 | 67.171 | 0.994 | 2.29614 | 50.02443 |
| 6/12/2009 13:46 | 174600.001 | 67.255 | 0.988 | 2.28228 | 49.40872 |
| 6/12/2009 14:01 | 175500.001 | 67.342 | 0.993 | 2.29383 | 49.92181 |
| 6/12/2009 14:16 | 176400.001 | 67.395 | 0.994 | 2.29614 | 50.02443 |
| 6/12/2009 14:31 | 177300.001 | 67.444 | 0.989 | 2.28459 | 49.51134 |
| 6/12/2009 14:46 | 178200.001 | 67.507 | 0.989 | 2.28459 | 49.51134 |
| 6/12/2009 15:01 | 179100.001 | 67.535 | 0.992 | 2.29152 | 49.81919 |
| 6/12/2009 15:16 | 180000.001 | 67.563 | 0.984 | 2.27304 | 48.99826 |
| 6/12/2009 15:31 | 180900.001 | 67.582 | 0.992 | 2.29152 | 49.81919 |
| 6/12/2009 15:46 | 181800.001 | 67.617 | 0.987 | 2.27997 | 49.30611 |
| 6/12/2009 16:01 | 182700.001 | 67.642 | 0.984 | 2.27304 | 48.99826 |
| 6/12/2009 16:16 | 183600.001 | 67.65  | 0.986 | 2.27766 | 49.20349 |
| 6/12/2009 16:31 | 184500.001 | 67.666 | 0.988 | 2.28228 | 49.40872 |
| 6/12/2009 16:46 | 185400.001 | 67.688 | 0.987 | 2.27997 | 49.30611 |
| 6/12/2009 17:01 | 186300.001 | 67.705 | 0.987 | 2.27997 | 49.30611 |
| 6/12/2009 17:16 | 187200.001 | 67.713 | 0.986 | 2.27766 | 49.20349 |
| 6/12/2009 17:31 | 188100.001 | 67.713 | 0.99  | 2.2869  | 49.61396 |
| 6/12/2009 17:46 | 189000.001 | 67.712 | 0.985 | 2.27535 | 49.10087 |
| 6/12/2009 18:01 | 189900.001 | 67.706 | 0.989 | 2.28459 | 49.51134 |
| 6/12/2009 18:16 | 190800.001 | 67.702 | 0.983 | 2.27073 | 48.89564 |
| 6/12/2009 18:31 | 191700.001 | 67.693 | 0.984 | 2.27304 | 48.99826 |
| 6/12/2009 18:46 | 192600.001 | 67.676 | 0.99  | 2.2869  | 49.61396 |
| 6/12/2009 19:01 | 193500.004 | 67.659 | 0.99  | 2.2869  | 49.61396 |
| 6/12/2009 19:16 | 194400.007 | 67.64  | 0.985 | 2.27535 | 49.10087 |
| 6/12/2009 19:31 | 195300.004 | 67.667 | 0.982 | 2.26842 | 48.79302 |
| 6/12/2009 19:46 | 196200.001 | 67.596 | 0.977 | 2.25687 | 48.27994 |
| 6/12/2009 20:01 | 197100.001 | 67.567 | 0.983 | 2.27073 | 48.89564 |
| 6/12/2009 20:16 | 198000.001 | 67.54  | 0.982 | 2.26842 | 48.79302 |

|                 |            |        |       |         |          |
|-----------------|------------|--------|-------|---------|----------|
| 6/12/2009 20:31 | 198900.001 | 67.52  | 0.984 | 2.27304 | 48.99826 |
| 6/12/2009 20:46 | 199800.001 | 67.495 | 0.98  | 2.2638  | 48.58779 |
| 6/12/2009 21:01 | 200700.001 | 67.465 | 0.987 | 2.27997 | 49.30611 |
| 6/12/2009 21:16 | 201600.001 | 67.444 | 0.983 | 2.27073 | 48.89564 |
| 6/12/2009 21:31 | 202500.001 | 67.41  | 0.987 | 2.27997 | 49.30611 |
| 6/12/2009 21:46 | 203400.001 | 67.381 | 0.974 | 2.24994 | 47.97208 |
| 6/12/2009 22:01 | 204300.001 | 67.349 | 0.985 | 2.27535 | 49.10087 |
| 6/12/2009 22:16 | 205200.001 | 67.32  | 0.984 | 2.27304 | 48.99826 |
| 6/12/2009 22:31 | 206100.001 | 67.287 | 0.98  | 2.2638  | 48.58779 |
| 6/12/2009 22:46 | 207000.001 | 67.258 | 0.984 | 2.27304 | 48.99826 |
| 6/12/2009 23:01 | 207900.001 | 67.221 | 0.977 | 2.25687 | 48.27994 |
| 6/12/2009 23:16 | 208800.001 | 67.178 | 0.98  | 2.2638  | 48.58779 |
| 6/12/2009 23:31 | 209700.001 | 67.143 | 0.987 | 2.27997 | 49.30611 |
| 6/12/2009 23:46 | 210600.001 | 67.093 | 0.985 | 2.27535 | 49.10087 |
| 6/13/2009 0:01  | 211500.001 | 67.045 | 0.98  | 2.2638  | 48.58779 |
| 6/13/2009 0:16  | 212400.004 | 66.99  | 0.983 | 2.27073 | 48.89564 |
| 6/13/2009 0:31  | 213300.004 | 66.931 | 0.98  | 2.2638  | 48.58779 |
| 6/13/2009 0:46  | 214200.004 | 66.924 | 0.985 | 2.27535 | 49.10087 |
| 6/13/2009 1:01  | 215100.004 | 66.812 | 0.983 | 2.27073 | 48.89564 |
| 6/13/2009 1:16  | 216000.004 | 66.787 | 0.975 | 2.25225 | 48.0747  |
| 6/13/2009 1:31  | 216900.008 | 66.714 | 0.983 | 2.27073 | 48.89564 |
| 6/13/2009 1:46  | 217800.004 | 66.584 | 0.985 | 2.27535 | 49.10087 |
| 6/13/2009 2:01  | 218700.004 | 66.553 | 0.982 | 2.26842 | 48.79302 |
| 6/13/2009 2:16  | 219600.001 | 66.41  | 0.982 | 2.26842 | 48.79302 |
| 6/13/2009 2:31  | 220500.001 | 66.321 | 0.983 | 2.27073 | 48.89564 |
| 6/13/2009 2:46  | 221400.004 | 66.231 | 0.984 | 2.27304 | 48.99826 |
| 6/13/2009 3:01  | 222300.004 | 66.186 | 0.981 | 2.26611 | 48.6904  |
| 6/13/2009 3:16  | 223200.001 | 66.036 | 0.98  | 2.2638  | 48.58779 |
| 6/13/2009 3:31  | 224100.001 | 65.943 | 0.983 | 2.27073 | 48.89564 |
| 6/13/2009 3:46  | 225000.004 | 65.841 | 0.984 | 2.27304 | 48.99826 |
| 6/13/2009 4:01  | 225900.004 | 65.791 | 0.984 | 2.27304 | 48.99826 |
| 6/13/2009 4:16  | 226800.001 | 65.646 | 0.985 | 2.27535 | 49.10087 |
| 6/13/2009 4:31  | 227700.001 | 65.546 | 0.981 | 2.26611 | 48.6904  |
| 6/13/2009 4:46  | 228600.004 | 65.452 | 0.984 | 2.27304 | 48.99826 |
| 6/13/2009 5:01  | 229500.004 | 65.409 | 0.98  | 2.2638  | 48.58779 |
| 6/13/2009 5:16  | 230400.001 | 65.262 | 0.984 | 2.27304 | 48.99826 |
| 6/13/2009 5:31  | 231300.001 | 65.165 | 0.98  | 2.2638  | 48.58779 |
| 6/13/2009 5:46  | 232200.001 | 65.073 | 0.982 | 2.26842 | 48.79302 |
| 6/13/2009 6:01  | 233100.001 | 64.98  | 0.984 | 2.27304 | 48.99826 |
| 6/13/2009 6:16  | 234000.001 | 64.906 | 0.988 | 2.28228 | 49.40872 |
| 6/13/2009 6:31  | 234900.001 | 64.829 | 0.98  | 2.2638  | 48.58779 |
| 6/13/2009 6:46  | 235800.001 | 64.758 | 0.979 | 2.26149 | 48.48517 |
| 6/13/2009 7:01  | 236700.004 | 64.699 | 0.982 | 2.26842 | 48.79302 |
| 6/13/2009 7:16  | 237600.006 | 64.645 | 0.989 | 2.28459 | 49.51134 |
| 6/13/2009 7:31  | 238500.004 | 64.672 | 0.981 | 2.26611 | 48.6904  |
| 6/13/2009 7:46  | 239400.001 | 64.61  | 0.981 | 2.26611 | 48.6904  |
| 6/13/2009 8:01  | 240300.001 | 64.613 | 0.984 | 2.27304 | 48.99826 |
| 6/13/2009 8:16  | 241200.001 | 64.633 | 0.982 | 2.26842 | 48.79302 |
| 6/13/2009 8:31  | 242100.001 | 64.632 | 0.982 | 2.26842 | 48.79302 |
| 6/13/2009 8:46  | 243000.001 | 64.652 | 0.984 | 2.27304 | 48.99826 |
| 6/13/2009 9:01  | 243900.001 | 64.684 | 0.983 | 2.27073 | 48.89564 |
| 6/13/2009 9:16  | 244800.001 | 64.749 | 0.978 | 2.25918 | 48.38255 |

|                 |            |        |       |         |          |
|-----------------|------------|--------|-------|---------|----------|
| 6/13/2009 9:31  | 245700.001 | 64.835 | 0.985 | 2.27535 | 49.10087 |
| 6/13/2009 9:46  | 246600.001 | 64.906 | 0.985 | 2.27535 | 49.10087 |
| 6/13/2009 10:01 | 247500.004 | 64.997 | 0.99  | 2.2869  | 49.61396 |
| 6/13/2009 10:16 | 248400.004 | 65.149 | 0.988 | 2.28228 | 49.40872 |
| 6/13/2009 10:31 | 249300.001 | 65.214 | 0.982 | 2.26842 | 48.79302 |
| 6/13/2009 10:46 | 250200.001 | 65.339 | 0.985 | 2.27535 | 49.10087 |
| 6/13/2009 11:01 | 251100.001 | 65.478 | 0.984 | 2.27304 | 48.99826 |
| 6/13/2009 11:16 | 252000.001 | 65.619 | 0.987 | 2.27997 | 49.30611 |
| 6/13/2009 11:31 | 252900.001 | 65.692 | 0.986 | 2.27766 | 49.20349 |
| 6/13/2009 11:46 | 253800.004 | 65.803 | 0.985 | 2.27535 | 49.10087 |
| 6/13/2009 12:01 | 254700.004 | 65.996 | 0.989 | 2.28459 | 49.51134 |
| 6/13/2009 12:16 | 255600.001 | 66.013 | 0.986 | 2.27766 | 49.20349 |
| 6/13/2009 12:31 | 256500.001 | 66.155 | 0.982 | 2.26842 | 48.79302 |
| 6/13/2009 12:46 | 257400.001 | 66.308 | 0.986 | 2.27766 | 49.20349 |
| 6/13/2009 13:01 | 258300.001 | 66.452 | 0.987 | 2.27997 | 49.30611 |
| 6/13/2009 13:16 | 259200.001 | 66.589 | 0.985 | 2.27535 | 49.10087 |
| 6/13/2009 13:31 | 260100.001 | 66.739 | 0.984 | 2.27304 | 48.99826 |
| 6/13/2009 13:46 | 261000.001 | 66.888 | 0.986 | 2.27766 | 49.20349 |
| 6/13/2009 14:01 | 261900.001 | 67.031 | 0.984 | 2.27304 | 48.99826 |
| 6/13/2009 14:16 | 262800.001 | 67.172 | 0.985 | 2.27535 | 49.10087 |
| 6/13/2009 14:31 | 263700.001 | 67.313 | 0.982 | 2.26842 | 48.79302 |
| 6/13/2009 14:46 | 264600.001 | 67.423 | 0.986 | 2.27766 | 49.20349 |
| 6/13/2009 15:01 | 265500.001 | 67.52  | 0.982 | 2.26842 | 48.79302 |
| 6/13/2009 15:16 | 266400.001 | 67.543 | 0.988 | 2.28228 | 49.40872 |
| 6/13/2009 15:31 | 267300.001 | 67.56  | 0.988 | 2.28228 | 49.40872 |
| 6/13/2009 15:46 | 268200.001 | 67.563 | 0.978 | 2.25918 | 48.38255 |
| 6/13/2009 16:01 | 269100.001 | 67.583 | 0.988 | 2.28228 | 49.40872 |
| 6/13/2009 16:16 | 270000.001 | 67.633 | 0.985 | 2.27535 | 49.10087 |
| 6/13/2009 16:31 | 270900.001 | 67.639 | 0.987 | 2.27997 | 49.30611 |
| 6/13/2009 16:46 | 271800.001 | 67.658 | 0.983 | 2.27073 | 48.89564 |
| 6/13/2009 17:01 | 272700.001 | 67.699 | 0.983 | 2.27073 | 48.89564 |
| 6/13/2009 17:16 | 273600.001 | 67.742 | 0.985 | 2.27535 | 49.10087 |
| 6/13/2009 17:31 | 274500.001 | 67.782 | 0.987 | 2.27997 | 49.30611 |
| 6/13/2009 17:46 | 275400.001 | 67.801 | 0.98  | 2.2638  | 48.58779 |
| 6/13/2009 18:01 | 276300.001 | 67.826 | 0.982 | 2.26842 | 48.79302 |
| 6/13/2009 18:16 | 277200.001 | 67.864 | 0.98  | 2.2638  | 48.58779 |
| 6/13/2009 18:31 | 278100.001 | 67.891 | 0.987 | 2.27997 | 49.30611 |
| 6/13/2009 18:46 | 279000.001 | 67.907 | 0.985 | 2.27535 | 49.10087 |
| 6/13/2009 19:01 | 279900.004 | 67.911 | 0.981 | 2.26611 | 48.6904  |
| 6/13/2009 19:16 | 280800.004 | 67.944 | 0.991 | 2.28921 | 49.71658 |
| 6/13/2009 19:31 | 281700.001 | 67.879 | 0.984 | 2.27304 | 48.99826 |
| 6/13/2009 19:46 | 282600.001 | 67.851 | 0.99  | 2.2869  | 49.61396 |
| 6/13/2009 20:01 | 283500.001 | 67.805 | 0.986 | 2.27766 | 49.20349 |
| 6/13/2009 20:16 | 284400.001 | 67.76  | 0.987 | 2.27997 | 49.30611 |
| 6/13/2009 20:31 | 285300.001 | 67.721 | 0.983 | 2.27073 | 48.89564 |
| 6/13/2009 20:46 | 286200.001 | 67.671 | 0.988 | 2.28228 | 49.40872 |
| 6/13/2009 21:01 | 287100.001 | 67.621 | 0.984 | 2.27304 | 48.99826 |
| 6/13/2009 21:16 | 288000.001 | 67.577 | 0.986 | 2.27766 | 49.20349 |
| 6/13/2009 21:31 | 288900.001 | 67.543 | 0.986 | 2.27766 | 49.20349 |
| 6/13/2009 21:46 | 289800.001 | 67.506 | 0.984 | 2.27304 | 48.99826 |
| 6/13/2009 22:01 | 290700.001 | 67.467 | 0.986 | 2.27766 | 49.20349 |
| 6/13/2009 22:16 | 291600.001 | 67.436 | 0.984 | 2.27304 | 48.99826 |

|                 |            |        |       |         |          |
|-----------------|------------|--------|-------|---------|----------|
| 6/13/2009 22:31 | 292500.001 | 67.399 | 0.987 | 2.27997 | 49.30611 |
| 6/13/2009 22:46 | 293400.001 | 67.354 | 0.986 | 2.27766 | 49.20349 |
| 6/13/2009 23:01 | 294300.001 | 67.306 | 0.983 | 2.27073 | 48.89564 |
| 6/13/2009 23:16 | 295200.004 | 67.255 | 0.988 | 2.28228 | 49.40872 |
| 6/13/2009 23:31 | 296100.004 | 67.2   | 0.982 | 2.26842 | 48.79302 |
| 6/13/2009 23:46 | 297000.004 | 67.186 | 0.991 | 2.28921 | 49.71658 |
| 6/14/2009 0:01  | 297900.001 | 67.066 | 0.986 | 2.27766 | 49.20349 |
| 6/14/2009 0:16  | 298800.001 | 66.991 | 0.989 | 2.28459 | 49.51134 |
| 6/14/2009 0:31  | 299700.001 | 66.915 | 0.986 | 2.27766 | 49.20349 |
| 6/14/2009 0:46  | 300600.001 | 66.836 | 0.988 | 2.28228 | 49.40872 |
| 6/14/2009 1:01  | 301500.001 | 66.751 | 0.988 | 2.28228 | 49.40872 |
| 6/14/2009 1:16  | 302400.001 | 66.673 | 0.99  | 2.2869  | 49.61396 |
| 6/14/2009 1:31  | 303300.001 | 66.593 | 0.991 | 2.28921 | 49.71658 |
| 6/14/2009 1:46  | 304200.001 | 66.513 | 0.987 | 2.27997 | 49.30611 |
| 6/14/2009 2:01  | 305100.004 | 66.426 | 0.988 | 2.28228 | 49.40872 |
| 6/14/2009 2:16  | 306000.008 | 66.4   | 0.986 | 2.27766 | 49.20349 |
| 6/14/2009 2:31  | 306900.001 | 66.267 | 0.986 | 2.27766 | 49.20349 |
| 6/14/2009 2:46  | 307800.001 | 66.179 | 0.988 | 2.28228 | 49.40872 |
| 6/14/2009 3:01  | 308700.001 | 66.096 | 0.99  | 2.2869  | 49.61396 |
| 6/14/2009 3:16  | 309600.001 | 66.011 | 0.993 | 2.29383 | 49.92181 |
| 6/14/2009 3:31  | 310500.001 | 65.929 | 0.987 | 2.27997 | 49.30611 |
| 6/14/2009 3:46  | 311400.004 | 65.847 | 0.989 | 2.28459 | 49.51134 |
| 6/14/2009 4:01  | 312300.004 | 65.811 | 0.988 | 2.28228 | 49.40872 |
| 6/14/2009 4:16  | 313200.001 | 65.67  | 0.984 | 2.27304 | 48.99826 |
| 6/14/2009 4:31  | 314100.001 | 65.577 | 0.99  | 2.2869  | 49.61396 |
| 6/14/2009 4:46  | 315000.001 | 65.489 | 0.994 | 2.29614 | 50.02443 |
| 6/14/2009 5:01  | 315900.001 | 65.406 | 0.993 | 2.29383 | 49.92181 |
| 6/14/2009 5:16  | 316800.001 | 65.329 | 0.991 | 2.28921 | 49.71658 |
| 6/14/2009 5:31  | 317700.001 | 65.252 | 0.986 | 2.27766 | 49.20349 |
| 6/14/2009 5:46  | 318600.001 | 65.168 | 0.991 | 2.28921 | 49.71658 |
| 6/14/2009 6:01  | 319500.001 | 65.089 | 0.992 | 2.29152 | 49.81919 |
| 6/14/2009 6:16  | 320400.001 | 64.998 | 0.992 | 2.29152 | 49.81919 |
| 6/14/2009 6:31  | 321300.001 | 64.924 | 0.994 | 2.29614 | 50.02443 |
| 6/14/2009 6:46  | 322200.001 | 64.856 | 0.99  | 2.2869  | 49.61396 |
| 6/14/2009 7:01  | 323100.004 | 64.806 | 0.994 | 2.29614 | 50.02443 |
| 6/14/2009 7:16  | 324000.004 | 64.813 | 0.995 | 2.29845 | 50.12704 |
| 6/14/2009 7:31  | 324900.001 | 64.732 | 0.992 | 2.29152 | 49.81919 |
| 6/14/2009 7:46  | 325800.001 | 64.705 | 0.99  | 2.2869  | 49.61396 |
| 6/14/2009 8:01  | 326700.001 | 64.712 | 0.996 | 2.30076 | 50.22966 |
| 6/14/2009 8:16  | 327600.001 | 64.72  | 0.99  | 2.2869  | 49.61396 |
| 6/14/2009 8:31  | 328500.001 | 64.749 | 0.996 | 2.30076 | 50.22966 |
| 6/14/2009 8:46  | 329400.004 | 64.766 | 0.991 | 2.28921 | 49.71658 |
| 6/14/2009 9:01  | 330300.004 | 64.847 | 1     | 2.31    | 50.64013 |
| 6/14/2009 9:16  | 331200.001 | 64.863 | 0.995 | 2.29845 | 50.12704 |
| 6/14/2009 9:31  | 332100.001 | 64.937 | 0.99  | 2.2869  | 49.61396 |
| 6/14/2009 9:46  | 333000.001 | 65.024 | 0.996 | 2.30076 | 50.22966 |
| 6/14/2009 10:01 | 333900.001 | 65.119 | 1.001 | 2.31231 | 50.74275 |
| 6/14/2009 10:16 | 334800.001 | 65.207 | 0.996 | 2.30076 | 50.22966 |
| 6/14/2009 10:31 | 335700.001 | 65.315 | 0.995 | 2.29845 | 50.12704 |
| 6/14/2009 10:46 | 336600.004 | 65.426 | 0.998 | 2.30538 | 50.4349  |
| 6/14/2009 11:01 | 337500.004 | 65.596 | 0.994 | 2.29614 | 50.02443 |
| 6/14/2009 11:16 | 338400.001 | 65.672 | 0.995 | 2.29845 | 50.12704 |

|                 |            |        |       |         |          |
|-----------------|------------|--------|-------|---------|----------|
| 6/14/2009 11:31 | 339300.001 | 65.815 | 0.998 | 2.30538 | 50.4349  |
| 6/14/2009 11:46 | 340200.001 | 65.954 | 0.997 | 2.30307 | 50.33228 |
| 6/14/2009 12:01 | 341100.001 | 66.095 | 0.999 | 2.30769 | 50.53751 |
| 6/14/2009 12:16 | 342000.004 | 66.199 | 0.994 | 2.29614 | 50.02443 |
| 6/14/2009 12:31 | 342900.004 | 66.403 | 0.992 | 2.29152 | 49.81919 |
| 6/14/2009 12:46 | 343800.001 | 66.501 | 0.993 | 2.29383 | 49.92181 |
| 6/14/2009 13:01 | 344700.004 | 66.659 | 1.003 | 2.31693 | 50.94798 |
| 6/14/2009 13:16 | 345600.004 | 66.848 | 0.997 | 2.30307 | 50.33228 |
| 6/14/2009 13:31 | 346500.001 | 66.941 | 0.995 | 2.29845 | 50.12704 |
| 6/14/2009 13:46 | 347400.001 | 67.078 | 0.997 | 2.30307 | 50.33228 |
| 6/14/2009 14:01 | 348300.001 | 67.203 | 0.995 | 2.29845 | 50.12704 |
| 6/14/2009 14:16 | 349200.001 | 67.311 | 0.993 | 2.29383 | 49.92181 |
| 6/14/2009 14:31 | 350100.001 | 67.428 | 0.985 | 2.27535 | 49.10087 |
| 6/14/2009 14:46 | 351000.001 | 67.526 | 0.994 | 2.29614 | 50.02443 |
| 6/14/2009 15:01 | 351900.001 | 67.618 | 0.997 | 2.30307 | 50.33228 |
| 6/14/2009 15:16 | 352800.001 | 67.706 | 0.994 | 2.29614 | 50.02443 |
| 6/14/2009 15:31 | 353700.001 | 67.785 | 0.995 | 2.29845 | 50.12704 |
| 6/14/2009 15:46 | 354600.004 | 67.862 | 0.998 | 2.30538 | 50.4349  |
| 6/14/2009 16:01 | 355500.004 | 67.98  | 0.995 | 2.29845 | 50.12704 |
| 6/14/2009 16:16 | 356400.001 | 67.995 | 0.994 | 2.29614 | 50.02443 |
| 6/14/2009 16:31 | 357300.001 | 68.05  | 0.996 | 2.30076 | 50.22966 |
| 6/14/2009 16:46 | 358200.001 | 68.089 | 0.992 | 2.29152 | 49.81919 |
| 6/14/2009 17:01 | 359100.001 | 68.13  | 0.995 | 2.29845 | 50.12704 |
| 6/14/2009 17:16 | 360000.001 | 68.162 | 0.989 | 2.28459 | 49.51134 |
| 6/14/2009 17:31 | 360900.001 | 68.178 | 0.99  | 2.2869  | 49.61396 |
| 6/14/2009 17:46 | 361800.001 | 68.191 | 0.992 | 2.29152 | 49.81919 |
| 6/14/2009 18:01 | 362700.001 | 68.19  | 0.993 | 2.29383 | 49.92181 |
| 6/14/2009 18:16 | 363600.001 | 68.192 | 0.993 | 2.29383 | 49.92181 |
| 6/14/2009 18:31 | 364500.001 | 68.189 | 0.998 | 2.30538 | 50.4349  |
| 6/14/2009 18:46 | 365400.001 | 68.178 | 0.994 | 2.29614 | 50.02443 |
| 6/14/2009 19:01 | 366300.001 | 68.168 | 0.997 | 2.30307 | 50.33228 |
| 6/14/2009 19:16 | 367200.001 | 68.153 | 0.994 | 2.29614 | 50.02443 |
| 6/14/2009 19:31 | 368100.001 | 68.142 | 0.997 | 2.30307 | 50.33228 |
| 6/14/2009 19:46 | 369000.001 | 68.125 | 0.992 | 2.29152 | 49.81919 |
| 6/14/2009 20:01 | 369900.001 | 68.104 | 0.996 | 2.30076 | 50.22966 |
| 6/14/2009 20:16 | 370800.001 | 68.078 | 0.998 | 2.30538 | 50.4349  |
| 6/14/2009 20:31 | 371700.001 | 68.046 | 0.997 | 2.30307 | 50.33228 |
| 6/14/2009 20:46 | 372600.001 | 68.018 | 0.995 | 2.29845 | 50.12704 |
| 6/14/2009 21:01 | 373500.001 | 67.993 | 0.996 | 2.30076 | 50.22966 |
| 6/14/2009 21:16 | 374400.001 | 67.974 | 0.997 | 2.30307 | 50.33228 |
| 6/14/2009 21:31 | 375300.001 | 67.954 | 0.998 | 2.30538 | 50.4349  |
| 6/14/2009 21:46 | 376200.001 | 67.93  | 0.994 | 2.29614 | 50.02443 |
| 6/14/2009 22:01 | 377100.001 | 67.91  | 0.995 | 2.29845 | 50.12704 |
| 6/14/2009 22:16 | 378000.001 | 67.892 | 0.999 | 2.30769 | 50.53751 |
| 6/14/2009 22:31 | 378900.001 | 67.858 | 0.996 | 2.30076 | 50.22966 |
| 6/14/2009 22:46 | 379800.004 | 67.831 | 0.989 | 2.28459 | 49.51134 |
| 6/14/2009 23:01 | 380700.004 | 67.849 | 0.995 | 2.29845 | 50.12704 |
| 6/14/2009 23:16 | 381600.001 | 67.756 | 0.997 | 2.30307 | 50.33228 |
| 6/14/2009 23:31 | 382500.001 | 67.718 | 1.001 | 2.31231 | 50.74275 |
| 6/14/2009 23:46 | 383400.001 | 67.673 | 1.001 | 2.31231 | 50.74275 |
| 6/15/2009 0:01  | 384300.001 | 67.62  | 0.995 | 2.29845 | 50.12704 |
| 6/15/2009 0:16  | 385200.001 | 67.56  | 0.995 | 2.29845 | 50.12704 |

|                 |            |        |       |         |          |
|-----------------|------------|--------|-------|---------|----------|
| 6/15/2009 0:31  | 386100.001 | 67.497 | 0.998 | 2.30538 | 50.4349  |
| 6/15/2009 0:46  | 387000.001 | 67.43  | 1.003 | 2.31693 | 50.94798 |
| 6/15/2009 1:01  | 387900.001 | 67.357 | 0.997 | 2.30307 | 50.33228 |
| 6/15/2009 1:16  | 388800.001 | 67.286 | 1.005 | 2.32155 | 51.15322 |
| 6/15/2009 1:31  | 389700.001 | 67.212 | 1     | 2.31    | 50.64013 |
| 6/15/2009 1:46  | 390600.001 | 67.14  | 1.003 | 2.31693 | 50.94798 |
| 6/15/2009 2:01  | 391500.001 | 67.064 | 1.001 | 2.31231 | 50.74275 |
| 6/15/2009 2:16  | 392400.001 | 66.98  | 1.003 | 2.31693 | 50.94798 |
| 6/15/2009 2:31  | 393300.001 | 66.897 | 0.999 | 2.30769 | 50.53751 |
| 6/15/2009 2:46  | 394200.004 | 66.812 | 1.001 | 2.31231 | 50.74275 |
| 6/15/2009 3:01  | 395100.004 | 66.772 | 1.002 | 2.31462 | 50.84536 |
| 6/15/2009 3:16  | 396000.001 | 66.638 | 1.006 | 2.32386 | 51.25583 |
| 6/15/2009 3:31  | 396900.001 | 66.549 | 1.005 | 2.32155 | 51.15322 |
| 6/15/2009 3:46  | 397800.001 | 66.458 | 0.999 | 2.30769 | 50.53751 |
| 6/15/2009 4:01  | 398700.001 | 66.367 | 1.002 | 2.31462 | 50.84536 |
| 6/15/2009 4:16  | 399600.004 | 66.257 | 0.999 | 2.30769 | 50.53751 |
| 6/15/2009 4:31  | 400500.004 | 66.159 | 1.006 | 2.32386 | 51.25583 |
| 6/15/2009 4:46  | 401400.001 | 66.058 | 1.001 | 2.31231 | 50.74275 |
| 6/15/2009 5:01  | 402300.001 | 65.949 | 0.998 | 2.30538 | 50.4349  |
| 6/15/2009 5:16  | 403200.004 | 65.844 | 1.002 | 2.31462 | 50.84536 |
| 6/15/2009 5:31  | 404100.004 | 65.745 | 1.001 | 2.31231 | 50.74275 |
| 6/15/2009 5:46  | 405000.004 | 65.683 | 1.003 | 2.31693 | 50.94798 |
| 6/15/2009 6:01  | 405900.001 | 65.548 | 0.997 | 2.30307 | 50.33228 |
| 6/15/2009 6:16  | 406800.004 | 65.454 | 0.992 | 2.29152 | 49.81919 |
| 6/15/2009 6:31  | 407700.004 | 65.419 | 1.001 | 2.31231 | 50.74275 |
| 6/15/2009 6:46  | 408600.001 | 65.302 | 1.007 | 2.32617 | 51.35845 |
| 6/15/2009 7:01  | 409500.004 | 65.243 | 0.997 | 2.30307 | 50.33228 |
| 6/15/2009 7:16  | 410400.004 | 65.266 | 1.006 | 2.32386 | 51.25583 |
| 6/15/2009 7:31  | 411300.001 | 65.183 | 0.999 | 2.30769 | 50.53751 |
| 6/15/2009 7:46  | 412200.001 | 65.181 | 1.003 | 2.31693 | 50.94798 |
| 6/15/2009 8:01  | 413100.001 | 65.184 | 1.005 | 2.32155 | 51.15322 |
| 6/15/2009 8:16  | 414000.004 | 65.209 | 1.003 | 2.31693 | 50.94798 |
| 6/15/2009 8:31  | 414900.004 | 65.245 | 1.006 | 2.32386 | 51.25583 |
| 6/15/2009 8:46  | 415800.001 | 65.279 | 1.008 | 2.32848 | 51.46107 |
| 6/15/2009 9:01  | 416700.001 | 65.345 | 1.004 | 2.31924 | 51.0506  |
| 6/15/2009 9:16  | 417600.001 | 65.415 | 1.003 | 2.31693 | 50.94798 |
| 6/15/2009 9:31  | 418500.001 | 65.49  | 1.004 | 2.31924 | 51.0506  |
| 6/15/2009 9:46  | 419400.001 | 65.587 | 1.001 | 2.31231 | 50.74275 |
| 6/15/2009 10:01 | 420300.004 | 65.671 | 1.002 | 2.31462 | 50.84536 |
| 6/15/2009 10:16 | 421200.008 | 65.832 | 1.003 | 2.31693 | 50.94798 |
| 6/15/2009 10:31 | 422100.001 | 65.905 | 1.005 | 2.32155 | 51.15322 |
| 6/15/2009 10:46 | 423000.001 | 66.028 | 1.001 | 2.31231 | 50.74275 |
| 6/15/2009 11:01 | 423900.004 | 66.168 | 1.006 | 2.32386 | 51.25583 |
| 6/15/2009 11:16 | 424800.008 | 66.338 | 1.004 | 2.31924 | 51.0506  |
| 6/15/2009 11:31 | 425700.001 | 66.44  | 1.001 | 2.31231 | 50.74275 |
| 6/15/2009 11:46 | 426600.001 | 66.567 | 1.005 | 2.32155 | 51.15322 |
| 6/15/2009 12:01 | 427500.001 | 66.703 | 1.006 | 2.32386 | 51.25583 |
| 6/15/2009 12:16 | 428400.001 | 66.834 | 1.002 | 2.31462 | 50.84536 |
| 6/15/2009 12:31 | 429300.001 | 66.94  | 1     | 2.31    | 50.64013 |
| 6/15/2009 12:46 | 430200.001 | 67.048 | 1.005 | 2.32155 | 51.15322 |
| 6/15/2009 13:01 | 431100.004 | 67.154 | 1.002 | 2.31462 | 50.84536 |
| 6/15/2009 13:16 | 432000.007 | 67.249 | 1.003 | 2.31693 | 50.94798 |

|                 |            |        |       |         |          |
|-----------------|------------|--------|-------|---------|----------|
| 6/15/2009 13:31 | 432900.004 | 67.419 | 1.008 | 2.32848 | 51.46107 |
| 6/15/2009 13:46 | 433800.001 | 67.45  | 1.003 | 2.31693 | 50.94798 |
| 6/15/2009 14:01 | 434700.001 | 67.524 | 1.002 | 2.31462 | 50.84536 |
| 6/15/2009 14:16 | 435600.001 | 67.553 | 1.003 | 2.31693 | 50.94798 |
| 6/15/2009 14:31 | 436500.001 | 67.614 | 0.995 | 2.29845 | 50.12704 |
| 6/15/2009 14:46 | 437400.001 | 67.688 | 0.996 | 2.30076 | 50.22966 |
| 6/15/2009 15:01 | 438300.001 | 67.766 | 1.006 | 2.32386 | 51.25583 |
| 6/15/2009 15:16 | 439200.001 | 67.824 | 1.001 | 2.31231 | 50.74275 |
| 6/15/2009 15:31 | 440100.001 | 67.838 | 1.001 | 2.31231 | 50.74275 |
| 6/15/2009 15:46 | 441000.001 | 67.851 | 1.002 | 2.31462 | 50.84536 |
| 6/15/2009 16:01 | 441900.001 | 67.887 | 0.999 | 2.30769 | 50.53751 |
| 6/15/2009 16:16 | 442800.004 | 67.932 | 0.999 | 2.30769 | 50.53751 |
| 6/15/2009 16:31 | 443700.004 | 67.946 | 0.997 | 2.30307 | 50.33228 |
| 6/15/2009 16:46 | 444600.004 | 68.004 | 0.999 | 2.30769 | 50.53751 |
| 6/15/2009 17:01 | 445500.004 | 67.968 | 0.998 | 2.30538 | 50.4349  |
| 6/15/2009 17:16 | 446400.004 | 68.024 | 1.003 | 2.31693 | 50.94798 |
| 6/15/2009 17:31 | 447300.001 | 67.976 | 0.998 | 2.30538 | 50.4349  |
| 6/15/2009 17:46 | 448200.004 | 67.994 | 0.996 | 2.30076 | 50.22966 |
| 6/15/2009 18:01 | 449100.008 | 68.037 | 1.002 | 2.31462 | 50.84536 |
| 6/15/2009 18:16 | 450000.004 | 67.979 | 0.999 | 2.30769 | 50.53751 |
| 6/15/2009 18:31 | 450900.004 | 67.971 | 1.002 | 2.31462 | 50.84536 |
| 6/15/2009 18:46 | 451800.004 | 68.008 | 1.001 | 2.31231 | 50.74275 |
| 6/15/2009 19:01 | 452700.004 | 67.944 | 0.995 | 2.29845 | 50.12704 |
| 6/15/2009 19:16 | 453600.004 | 67.98  | 0.998 | 2.30538 | 50.4349  |
| 6/15/2009 19:31 | 454500.001 | 67.919 | 1     | 2.31    | 50.64013 |
| 6/15/2009 19:46 | 455400.004 | 67.909 | 0.994 | 2.29614 | 50.02443 |
| 6/15/2009 20:01 | 456300.001 | 67.906 | 1     | 2.31    | 50.64013 |
| 6/15/2009 20:16 | 457200.004 | 67.866 | 0.999 | 2.30769 | 50.53751 |
| 6/15/2009 20:31 | 458100.004 | 67.826 | 1.002 | 2.31462 | 50.84536 |
| 6/15/2009 20:46 | 459000.001 | 67.784 | 0.995 | 2.29845 | 50.12704 |
| 6/15/2009 21:01 | 459900.001 | 67.735 | 0.996 | 2.30076 | 50.22966 |
| 6/15/2009 21:16 | 460800.001 | 67.687 | 0.999 | 2.30769 | 50.53751 |
| 6/15/2009 21:31 | 461700.001 | 67.64  | 1     | 2.31    | 50.64013 |
| 6/15/2009 21:46 | 462600.001 | 67.589 | 1.001 | 2.31231 | 50.74275 |
| 6/15/2009 22:01 | 463500.001 | 67.539 | 0.998 | 2.30538 | 50.4349  |
| 6/15/2009 22:16 | 464400.001 | 67.488 | 0.997 | 2.30307 | 50.33228 |
| 6/15/2009 22:31 | 465300.001 | 67.431 | 0.997 | 2.30307 | 50.33228 |
| 6/15/2009 22:46 | 466200.001 | 67.378 | 0.997 | 2.30307 | 50.33228 |
| 6/15/2009 23:01 | 467100.001 | 67.32  | 1     | 2.31    | 50.64013 |
| 6/15/2009 23:16 | 468000.001 | 67.265 | 0.995 | 2.29845 | 50.12704 |
| 6/15/2009 23:31 | 468900.001 | 67.203 | 0.999 | 2.30769 | 50.53751 |
| 6/15/2009 23:46 | 469800.001 | 67.138 | 1.001 | 2.31231 | 50.74275 |
| 6/16/2009 0:01  | 470700.001 | 67.068 | 1.002 | 2.31462 | 50.84536 |
| 6/16/2009 0:16  | 471600.004 | 66.996 | 1.005 | 2.32155 | 51.15322 |
| 6/16/2009 0:31  | 472500.004 | 66.914 | 1.001 | 2.31231 | 50.74275 |
| 6/16/2009 0:46  | 473400.004 | 66.881 | 1.005 | 2.32155 | 51.15322 |
| 6/16/2009 1:01  | 474300.001 | 66.744 | 0.998 | 2.30538 | 50.4349  |
| 6/16/2009 1:16  | 475200.004 | 66.658 | 1.001 | 2.31231 | 50.74275 |
| 6/16/2009 1:31  | 476100.004 | 66.56  | 0.995 | 2.29845 | 50.12704 |
| 6/16/2009 1:46  | 477000.004 | 66.516 | 1.003 | 2.31693 | 50.94798 |
| 6/16/2009 2:01  | 477900.004 | 66.378 | 0.997 | 2.30307 | 50.33228 |
| 6/16/2009 2:16  | 478800.001 | 66.281 | 0.996 | 2.30076 | 50.22966 |

|                 |            |        |       |         |          |
|-----------------|------------|--------|-------|---------|----------|
| 6/16/2009 2:31  | 479700.001 | 66.184 | 1     | 2.31    | 50.64013 |
| 6/16/2009 2:46  | 480600.001 | 66.09  | 0.998 | 2.30538 | 50.4349  |
| 6/16/2009 3:01  | 481500.004 | 65.996 | 0.999 | 2.30769 | 50.53751 |
| 6/16/2009 3:16  | 482400.004 | 65.96  | 0.997 | 2.30307 | 50.33228 |
| 6/16/2009 3:31  | 483300.001 | 65.829 | 0.997 | 2.30307 | 50.33228 |
| 6/16/2009 3:46  | 484200.004 | 65.755 | 0.994 | 2.29614 | 50.02443 |
| 6/16/2009 4:01  | 485100.008 | 65.721 | 0.997 | 2.30307 | 50.33228 |
| 6/16/2009 4:16  | 486000.004 | 65.606 | 0.995 | 2.29845 | 50.12704 |
| 6/16/2009 4:31  | 486900.006 | 65.537 | 0.999 | 2.30769 | 50.53751 |
| 6/16/2009 4:46  | 487800.001 | 65.474 | 1.002 | 2.31462 | 50.84536 |
| 6/16/2009 5:01  | 488700.001 | 65.402 | 1.001 | 2.31231 | 50.74275 |
| 6/16/2009 5:16  | 489600.001 | 65.343 | 0.997 | 2.30307 | 50.33228 |
| 6/16/2009 5:31  | 490500.001 | 65.28  | 1     | 2.31    | 50.64013 |
| 6/16/2009 5:46  | 491400.004 | 65.214 | 0.999 | 2.30769 | 50.53751 |
| 6/16/2009 6:01  | 492300.004 | 65.204 | 1.006 | 2.32386 | 51.25583 |
| 6/16/2009 6:16  | 493200.001 | 65.093 | 1.003 | 2.31693 | 50.94798 |
| 6/16/2009 6:31  | 494100.001 | 65.037 | 1.002 | 2.31462 | 50.84536 |
| 6/16/2009 6:46  | 495000.004 | 64.988 | 1.008 | 2.32848 | 51.46107 |
| 6/16/2009 7:01  | 495900.001 | 64.935 | 1.002 | 2.31462 | 50.84536 |
| 6/16/2009 7:16  | 496800.004 | 64.895 | 0.999 | 2.30769 | 50.53751 |
| 6/16/2009 7:31  | 497700.004 | 64.867 | 1.004 | 2.31924 | 51.0506  |
| 6/16/2009 7:46  | 498600.001 | 64.845 | 1.003 | 2.31693 | 50.94798 |
| 6/16/2009 8:01  | 499500.001 | 64.83  | 1     | 2.31    | 50.64013 |
| 6/16/2009 8:16  | 500400.001 | 64.818 | 1.008 | 2.32848 | 51.46107 |
| 6/16/2009 8:31  | 501300.001 | 64.816 | 1     | 2.31    | 50.64013 |
| 6/16/2009 8:46  | 502200.004 | 64.807 | 1.005 | 2.32155 | 51.15322 |
| 6/16/2009 9:01  | 503100.004 | 64.847 | 1.003 | 2.31693 | 50.94798 |
| 6/16/2009 9:16  | 504000.004 | 64.789 | 1.006 | 2.32386 | 51.25583 |
| 6/16/2009 9:31  | 504900.004 | 64.793 | 1.003 | 2.31693 | 50.94798 |
| 6/16/2009 9:46  | 505800.004 | 64.835 | 1.008 | 2.32848 | 51.46107 |
| 6/16/2009 10:01 | 506700.004 | 64.785 | 1.003 | 2.31693 | 50.94798 |
| 6/16/2009 10:16 | 507600.001 | 64.793 | 1.007 | 2.32617 | 51.35845 |
| 6/16/2009 10:31 | 508500.001 | 64.818 | 1     | 2.31    | 50.64013 |
| 6/16/2009 10:46 | 509400.004 | 64.859 | 1.008 | 2.32848 | 51.46107 |
| 6/16/2009 11:01 | 510300.008 | 64.951 | 1.006 | 2.32386 | 51.25583 |
| 6/16/2009 11:16 | 511200.004 | 64.961 | 1.003 | 2.31693 | 50.94798 |
| 6/16/2009 11:31 | 512100.004 | 65.066 | 1.001 | 2.31231 | 50.74275 |
| 6/16/2009 11:46 | 513000.001 | 65.067 | 1.003 | 2.31693 | 50.94798 |
| 6/16/2009 12:01 | 513900.004 | 65.129 | 1.003 | 2.31693 | 50.94798 |
| 6/16/2009 12:16 | 514800.004 | 65.275 | 1.003 | 2.31693 | 50.94798 |
| 6/16/2009 12:31 | 515700.001 | 65.419 | 1.008 | 2.32848 | 51.46107 |
| 6/16/2009 12:46 | 516600.004 | 65.604 | 1.002 | 2.31462 | 50.84536 |
| 6/16/2009 13:01 | 517500.001 | 65.764 | 1.004 | 2.31924 | 51.0506  |
| 6/16/2009 13:16 | 518400.004 | 65.932 | 1.006 | 2.32386 | 51.25583 |
| 6/16/2009 13:31 | 519300.004 | 66.125 | 1.005 | 2.32155 | 51.15322 |
| 6/16/2009 13:46 | 520200.008 | 66.362 | 1.002 | 2.31462 | 50.84536 |
| 6/16/2009 14:01 | 521100.007 | 66.475 | 1.007 | 2.32617 | 51.35845 |
| 6/16/2009 14:16 | 522000.001 | 66.631 | 1.002 | 2.31462 | 50.84536 |
| 6/16/2009 14:31 | 522900.001 | 66.766 | 1.001 | 2.31231 | 50.74275 |
| 6/16/2009 14:46 | 523800.001 | 66.892 | 1.001 | 2.31231 | 50.74275 |
| 6/16/2009 15:01 | 524700.004 | 66.992 | 1.006 | 2.32386 | 51.25583 |
| 6/16/2009 15:16 | 525600.007 | 67.084 | 1.005 | 2.32155 | 51.15322 |



|                 |            |        |       |         |          |
|-----------------|------------|--------|-------|---------|----------|
| 6/16/2009 15:31 | 526500.004 | 67.212 | 1.002 | 2.31462 | 50.84536 |
| 6/16/2009 15:46 | 527400.004 | 67.23  | 1.001 | 2.31231 | 50.74275 |
| 6/16/2009 16:01 | 528300.004 | 67.342 | 1.007 | 2.32617 | 51.35845 |
| 6/16/2009 16:16 | 529200.001 | 67.35  | 1.003 | 2.31693 | 50.94798 |
| 6/16/2009 16:31 | 530100.001 | 67.398 | 1     | 2.31    | 50.64013 |
| 6/16/2009 16:46 | 531000.004 | 67.453 | 0.998 | 2.30538 | 50.4349  |
| 6/16/2009 17:01 | 531900.004 | 67.553 | 1.004 | 2.31924 | 51.0506  |
| 6/16/2009 17:16 | 532800.001 | 67.54  | 1.008 | 2.32848 | 51.46107 |
| 6/16/2009 17:31 | 533700.001 | 67.567 | 0.997 | 2.30307 | 50.33228 |
| 6/16/2009 17:46 | 534600.004 | 67.592 | 0.994 | 2.29614 | 50.02443 |
| 6/16/2009 18:01 | 535500.004 | 67.64  | 1.003 | 2.31693 | 50.94798 |
| 6/16/2009 18:16 | 536400.001 | 67.596 | 1     | 2.31    | 50.64013 |
| 6/16/2009 18:31 | 537300.001 | 67.603 | 1.005 | 2.32155 | 51.15322 |
| 6/16/2009 18:46 | 538200.001 | 67.609 | 1.001 | 2.31231 | 50.74275 |
| 6/16/2009 19:01 | 539100.001 | 67.595 | 1.004 | 2.31924 | 51.0506  |
| 6/16/2009 19:16 | 540000.004 | 67.589 | 0.997 | 2.30307 | 50.33228 |
| 6/16/2009 19:31 | 540900.004 | 67.571 | 0.998 | 2.30538 | 50.4349  |
| 6/16/2009 19:46 | 541800.008 | 67.605 | 1.003 | 2.31693 | 50.94798 |
| 6/16/2009 20:01 | 542700.001 | 67.536 | 0.996 | 2.30076 | 50.22966 |
| 6/16/2009 20:16 | 543600.004 | 67.502 | 1.003 | 2.31693 | 50.94798 |
| 6/16/2009 20:31 | 544500.004 | 67.464 | 1     | 2.31    | 50.64013 |
| 6/16/2009 20:46 | 545400.004 | 67.471 | 1.001 | 2.31231 | 50.74275 |
| 6/16/2009 21:01 | 546300.004 | 67.389 | 1.001 | 2.31231 | 50.74275 |
| 6/16/2009 21:16 | 547200.004 | 67.392 | 1.004 | 2.31924 | 51.0506  |
| 6/16/2009 21:31 | 548100.001 | 67.286 | 1.003 | 2.31693 | 50.94798 |
| 6/16/2009 21:46 | 549000.004 | 67.235 | 1.005 | 2.32155 | 51.15322 |
| 6/16/2009 22:01 | 549900.004 | 67.234 | 1.006 | 2.32386 | 51.25583 |
| 6/16/2009 22:16 | 550800.001 | 67.129 | 0.999 | 2.30769 | 50.53751 |
| 6/16/2009 22:31 | 551700.001 | 67.082 | 1.004 | 2.31924 | 51.0506  |
| 6/16/2009 22:46 | 552600.001 | 67.041 | 0.996 | 2.30076 | 50.22966 |
| 6/16/2009 23:01 | 553500.001 | 66.995 | 1.004 | 2.31924 | 51.0506  |
| 6/16/2009 23:16 | 554400.004 | 66.951 | 1.005 | 2.32155 | 51.15322 |
| 6/16/2009 23:31 | 555300.004 | 66.908 | 1     | 2.31    | 50.64013 |
| 6/16/2009 23:46 | 556200.004 | 66.907 | 0.999 | 2.30769 | 50.53751 |
| 6/17/2009 0:01  | 557100.001 | 66.81  | 1.001 | 2.31231 | 50.74275 |
| 6/17/2009 0:16  | 558000.001 | 66.756 | 1.002 | 2.31462 | 50.84536 |
| 6/17/2009 0:31  | 558900.001 | 66.693 | 1.002 | 2.31462 | 50.84536 |
| 6/17/2009 0:46  | 559800.001 | 66.632 | 1.003 | 2.31693 | 50.94798 |
| 6/17/2009 1:01  | 560700.001 | 66.556 | 1.002 | 2.31462 | 50.84536 |
| 6/17/2009 1:16  | 561600.004 | 66.483 | 1.006 | 2.32386 | 51.25583 |
| 6/17/2009 1:31  | 562500.007 | 66.415 | 1.002 | 2.31462 | 50.84536 |
| 6/17/2009 1:46  | 563400.004 | 66.349 | 1.008 | 2.32848 | 51.46107 |
| 6/17/2009 2:01  | 564300.004 | 66.32  | 1.007 | 2.32617 | 51.35845 |
| 6/17/2009 2:16  | 565200.004 | 66.188 | 1.006 | 2.32386 | 51.25583 |
| 6/17/2009 2:31  | 566100.007 | 66.108 | 1.006 | 2.32386 | 51.25583 |
| 6/17/2009 2:46  | 567000.001 | 66.032 | 0.998 | 2.30538 | 50.4349  |
| 6/17/2009 3:01  | 567900.004 | 65.943 | 1.002 | 2.31462 | 50.84536 |
| 6/17/2009 3:16  | 568800.004 | 65.914 | 1.006 | 2.32386 | 51.25583 |
| 6/17/2009 3:31  | 569700.001 | 65.779 | 1.004 | 2.31924 | 51.0506  |
| 6/17/2009 3:46  | 570600.004 | 65.698 | 1.003 | 2.31693 | 50.94798 |
| 6/17/2009 4:01  | 571500.001 | 65.61  | 1.003 | 2.31693 | 50.94798 |
| 6/17/2009 4:16  | 572400.004 | 65.516 | 1.007 | 2.32617 | 51.35845 |

|                 |            |        |       |         |          |
|-----------------|------------|--------|-------|---------|----------|
| 6/17/2009 4:31  | 573300.004 | 65.432 | 1.003 | 2.31693 | 50.94798 |
| 6/17/2009 4:46  | 574200.001 | 65.345 | 1.001 | 2.31231 | 50.74275 |
| 6/17/2009 5:01  | 575100.001 | 65.259 | 1.004 | 2.31924 | 51.0506  |
| 6/17/2009 5:16  | 576000.001 | 65.177 | 1.004 | 2.31924 | 51.0506  |
| 6/17/2009 5:31  | 576900.001 | 65.094 | 1.008 | 2.32848 | 51.46107 |
| 6/17/2009 5:46  | 577800.004 | 65.061 | 1.01  | 2.3331  | 51.6663  |
| 6/17/2009 6:01  | 578700.004 | 64.939 | 1.003 | 2.31693 | 50.94798 |
| 6/17/2009 6:16  | 579600.004 | 64.923 | 1.007 | 2.32617 | 51.35845 |
| 6/17/2009 6:31  | 580500.001 | 64.805 | 1.001 | 2.31231 | 50.74275 |
| 6/17/2009 6:46  | 581400.001 | 64.748 | 1.006 | 2.32386 | 51.25583 |
| 6/17/2009 7:01  | 582300.001 | 64.7   | 1.005 | 2.32155 | 51.15322 |
| 6/17/2009 7:16  | 583200.001 | 64.665 | 1.008 | 2.32848 | 51.46107 |
| 6/17/2009 7:31  | 584100.001 | 64.634 | 1.009 | 2.33079 | 51.56368 |
| 6/17/2009 7:46  | 585000.004 | 64.622 | 1.011 | 2.33541 | 51.76892 |
| 6/17/2009 8:01  | 585900.001 | 64.63  | 1.005 | 2.32155 | 51.15322 |
| 6/17/2009 8:16  | 586800.004 | 64.657 | 1.01  | 2.3331  | 51.6663  |
| 6/17/2009 8:31  | 587700.004 | 64.693 | 1.004 | 2.31924 | 51.0506  |
| 6/17/2009 8:46  | 588600.001 | 64.737 | 1.009 | 2.33079 | 51.56368 |
| 6/17/2009 9:01  | 589500.004 | 64.809 | 1.009 | 2.33079 | 51.56368 |
| 6/17/2009 9:16  | 590400.004 | 64.938 | 1.005 | 2.32155 | 51.15322 |
| 6/17/2009 9:31  | 591300.001 | 64.963 | 1.007 | 2.32617 | 51.35845 |
| 6/17/2009 9:46  | 592200.001 | 65.055 | 1.009 | 2.33079 | 51.56368 |
| 6/17/2009 10:01 | 593100.001 | 65.086 | 1.007 | 2.32617 | 51.35845 |
| 6/17/2009 10:16 | 594000.004 | 65.15  | 1.011 | 2.33541 | 51.76892 |
| 6/17/2009 10:31 | 594900.004 | 65.277 | 1.005 | 2.32155 | 51.15322 |
| 6/17/2009 10:46 | 595800.001 | 65.387 | 1.002 | 2.31462 | 50.84536 |
| 6/17/2009 11:01 | 596700.001 | 65.505 | 1.003 | 2.31693 | 50.94798 |
| 6/17/2009 11:16 | 597600.004 | 65.628 | 1.004 | 2.31924 | 51.0506  |
| 6/17/2009 11:31 | 598500.004 | 65.762 | 1.001 | 2.31231 | 50.74275 |
| 6/17/2009 11:46 | 599400.004 | 65.967 | 1.005 | 2.32155 | 51.15322 |
| 6/17/2009 12:01 | 600300.004 | 66.086 | 1.007 | 2.32617 | 51.35845 |
| 6/17/2009 12:16 | 601200.004 | 66.287 | 1.01  | 2.3331  | 51.6663  |
| 6/17/2009 12:31 | 602100.001 | 66.397 | 1.007 | 2.32617 | 51.35845 |
| 6/17/2009 12:46 | 603000.004 | 66.568 | 1.004 | 2.31924 | 51.0506  |
| 6/17/2009 13:01 | 603900.004 | 66.749 | 1.012 | 2.33772 | 51.87154 |
| 6/17/2009 13:16 | 604800.001 | 66.74  | 1.007 | 2.32617 | 51.35845 |
| 6/17/2009 13:31 | 605700.001 | 66.801 | 1.012 | 2.33772 | 51.87154 |
| 6/17/2009 13:46 | 606600.004 | 66.94  | 1.01  | 2.3331  | 51.6663  |
| 6/17/2009 14:01 | 607500.004 | 67.127 | 1.006 | 2.32386 | 51.25583 |
| 6/17/2009 14:16 | 608400.001 | 67.173 | 1.007 | 2.32617 | 51.35845 |
| 6/17/2009 14:31 | 609300.001 | 67.275 | 1.001 | 2.31231 | 50.74275 |
| 6/17/2009 14:46 | 610200.004 | 67.368 | 1.005 | 2.32155 | 51.15322 |
| 6/17/2009 15:01 | 611100.004 | 67.548 | 1.004 | 2.31924 | 51.0506  |
| 6/17/2009 15:16 | 612000.001 | 67.54  | 1.004 | 2.31924 | 51.0506  |
| 6/17/2009 15:31 | 612900.001 | 67.603 | 1.007 | 2.32617 | 51.35845 |
| 6/17/2009 15:46 | 613800.001 | 67.663 | 1.006 | 2.32386 | 51.25583 |
| 6/17/2009 16:01 | 614700.001 | 67.674 | 1.008 | 2.32848 | 51.46107 |
| 6/17/2009 16:16 | 615600.004 | 67.687 | 1.004 | 2.31924 | 51.0506  |
| 6/17/2009 16:31 | 616500.004 | 67.707 | 1.005 | 2.32155 | 51.15322 |
| 6/17/2009 16:46 | 617400.008 | 67.768 | 1.007 | 2.32617 | 51.35845 |
| 6/17/2009 17:01 | 618300.001 | 67.736 | 1.004 | 2.31924 | 51.0506  |
| 6/17/2009 17:16 | 619200.004 | 67.755 | 1.004 | 2.31924 | 51.0506  |

|                 |            |        |       |         |          |
|-----------------|------------|--------|-------|---------|----------|
| 6/17/2009 17:31 | 620100.007 | 67.784 | 1.003 | 2.31693 | 50.94798 |
| 6/17/2009 17:46 | 621000.001 | 67.817 | 1.003 | 2.31693 | 50.94798 |
| 6/17/2009 18:01 | 621900.004 | 67.893 | 1.007 | 2.32617 | 51.35845 |
| 6/17/2009 18:16 | 622800.001 | 67.879 | 1.005 | 2.32155 | 51.15322 |
| 6/17/2009 18:31 | 623700.001 | 67.918 | 1.005 | 2.32155 | 51.15322 |
| 6/17/2009 18:46 | 624600.001 | 67.951 | 1.003 | 2.31693 | 50.94798 |
| 6/17/2009 19:01 | 625500.004 | 67.977 | 1.006 | 2.32386 | 51.25583 |
| 6/17/2009 19:16 | 626400.004 | 68.056 | 1.008 | 2.32848 | 51.46107 |
| 6/17/2009 19:31 | 627300.001 | 68.021 | 1.008 | 2.32848 | 51.46107 |
| 6/17/2009 19:46 | 628200.004 | 68.023 | 1.007 | 2.32617 | 51.35845 |
| 6/17/2009 20:01 | 629100.004 | 68.066 | 1.002 | 2.31462 | 50.84536 |
| 6/17/2009 20:16 | 630000.001 | 68.029 | 1.003 | 2.31693 | 50.94798 |
| 6/17/2009 20:31 | 630900.001 | 68.032 | 1.007 | 2.32617 | 51.35845 |
| 6/17/2009 20:46 | 631800.001 | 68.032 | 1.006 | 2.32386 | 51.25583 |
| 6/17/2009 21:01 | 632700.004 | 68.024 | 1.001 | 2.31231 | 50.74275 |
| 6/17/2009 21:16 | 633600.008 | 68.058 | 1.001 | 2.31231 | 50.74275 |
| 6/17/2009 21:31 | 634500.001 | 67.99  | 0.999 | 2.30769 | 50.53751 |
| 6/17/2009 21:46 | 635400.004 | 67.971 | 1.009 | 2.33079 | 51.56368 |
| 6/17/2009 22:01 | 636300.004 | 68.007 | 1.006 | 2.32386 | 51.25583 |
| 6/17/2009 22:16 | 637200.004 | 67.924 | 1.005 | 2.32155 | 51.15322 |
| 6/17/2009 22:31 | 638100.004 | 67.912 | 1.004 | 2.31924 | 51.0506  |
| 6/17/2009 22:46 | 639000.008 | 67.941 | 1.005 | 2.32155 | 51.15322 |
| 6/17/2009 23:01 | 639900.004 | 67.876 | 1.004 | 2.31924 | 51.0506  |
| 6/17/2009 23:16 | 640800.001 | 67.855 | 1.001 | 2.31231 | 50.74275 |
| 6/17/2009 23:31 | 641700.001 | 67.829 | 1.008 | 2.32848 | 51.46107 |
| 6/17/2009 23:46 | 642600.004 | 67.797 | 1.005 | 2.32155 | 51.15322 |
| 6/18/2009 0:01  | 643500.004 | 67.815 | 1.006 | 2.32386 | 51.25583 |
| 6/18/2009 0:16  | 644400.001 | 67.729 | 1.006 | 2.32386 | 51.25583 |
| 6/18/2009 0:31  | 645300.001 | 67.683 | 1.002 | 2.31462 | 50.84536 |
| 6/18/2009 0:46  | 646200.004 | 67.628 | 1.008 | 2.32848 | 51.46107 |
| 6/18/2009 1:01  | 647100.007 | 67.575 | 1.014 | 2.34234 | 52.07677 |
| 6/18/2009 1:16  | 648000.001 | 67.518 | 1.003 | 2.31693 | 50.94798 |
| 6/18/2009 1:31  | 648900.001 | 67.456 | 1.006 | 2.32386 | 51.25583 |
| 6/18/2009 1:46  | 649800.001 | 67.387 | 1.01  | 2.3331  | 51.6663  |
| 6/18/2009 2:01  | 650700.001 | 67.327 | 1.003 | 2.31693 | 50.94798 |
| 6/18/2009 2:16  | 651600.001 | 67.25  | 1.006 | 2.32386 | 51.25583 |
| 6/18/2009 2:31  | 652500.001 | 67.186 | 1.008 | 2.32848 | 51.46107 |
| 6/18/2009 2:46  | 653400.001 | 67.122 | 1.006 | 2.32386 | 51.25583 |
| 6/18/2009 3:01  | 654300.001 | 67.056 | 1.002 | 2.31462 | 50.84536 |
| 6/18/2009 3:16  | 655200.001 | 66.997 | 1.007 | 2.32617 | 51.35845 |
| 6/18/2009 3:31  | 656100.001 | 66.934 | 1.005 | 2.32155 | 51.15322 |
| 6/18/2009 3:46  | 657000.001 | 66.877 | 1.008 | 2.32848 | 51.46107 |
| 6/18/2009 4:01  | 657900.001 | 66.817 | 1.003 | 2.31693 | 50.94798 |
| 6/18/2009 4:16  | 658800.001 | 66.761 | 1.004 | 2.31924 | 51.0506  |
| 6/18/2009 4:31  | 659700.001 | 66.695 | 1.009 | 2.33079 | 51.56368 |
| 6/18/2009 4:46  | 660600.004 | 66.641 | 1.007 | 2.32617 | 51.35845 |
| 6/18/2009 5:01  | 661500.007 | 66.576 | 1.003 | 2.31693 | 50.94798 |
| 6/18/2009 5:16  | 662400.001 | 66.512 | 1.005 | 2.32155 | 51.15322 |
| 6/18/2009 5:31  | 663300.001 | 66.446 | 1.002 | 2.31462 | 50.84536 |
| 6/18/2009 5:46  | 664200.004 | 66.389 | 1.008 | 2.32848 | 51.46107 |
| 6/18/2009 6:01  | 665100.004 | 66.369 | 1.005 | 2.32155 | 51.15322 |
| 6/18/2009 6:16  | 666000.001 | 66.256 | 1.007 | 2.32617 | 51.35845 |

|                 |            |        |       |         |          |
|-----------------|------------|--------|-------|---------|----------|
| 6/18/2009 6:31  | 666900.001 | 66.201 | 1.012 | 2.33772 | 51.87154 |
| 6/18/2009 6:46  | 667800.004 | 66.149 | 1.009 | 2.33079 | 51.56368 |
| 6/18/2009 7:01  | 668700.004 | 66.156 | 1.01  | 2.3331  | 51.6663  |
| 6/18/2009 7:16  | 669600.001 | 66.073 | 1.009 | 2.33079 | 51.56368 |
| 6/18/2009 7:31  | 670500.001 | 66.057 | 1.011 | 2.33541 | 51.76892 |
| 6/18/2009 7:46  | 671400.004 | 66.049 | 1.012 | 2.33772 | 51.87154 |
| 6/18/2009 8:01  | 672300.004 | 66.104 | 1.007 | 2.32617 | 51.35845 |
| 6/18/2009 8:16  | 673200.001 | 66.062 | 1.008 | 2.32848 | 51.46107 |
| 6/18/2009 8:31  | 674100.001 | 66.095 | 1.01  | 2.3331  | 51.6663  |
| 6/18/2009 8:46  | 675000.001 | 66.122 | 1.003 | 2.31693 | 50.94798 |
| 6/18/2009 9:01  | 675900.004 | 66.149 | 1.002 | 2.31462 | 50.84536 |
| 6/18/2009 9:16  | 676800.006 | 66.224 | 1.007 | 2.32617 | 51.35845 |
| 6/18/2009 9:31  | 677700.008 | 66.343 | 1.006 | 2.32386 | 51.25583 |
| 6/18/2009 9:46  | 678600.004 | 66.375 | 1.004 | 2.31924 | 51.0506  |
| 6/18/2009 10:01 | 679500.004 | 66.518 | 1.006 | 2.32386 | 51.25583 |
| 6/18/2009 10:16 | 680400.001 | 66.56  | 1.007 | 2.32617 | 51.35845 |
| 6/18/2009 10:31 | 681300.001 | 66.668 | 1.007 | 2.32617 | 51.35845 |
| 6/18/2009 10:46 | 682200.001 | 66.786 | 1.014 | 2.34234 | 52.07677 |
| 6/18/2009 11:01 | 683100.001 | 66.908 | 1.008 | 2.32848 | 51.46107 |
| 6/18/2009 11:16 | 684000.004 | 67.054 | 1.007 | 2.32617 | 51.35845 |
| 6/18/2009 11:31 | 684900.004 | 67.19  | 1.01  | 2.3331  | 51.6663  |
| 6/18/2009 11:46 | 685800.004 | 67.388 | 1.01  | 2.3331  | 51.6663  |
| 6/18/2009 12:01 | 686700.001 | 67.487 | 1.007 | 2.32617 | 51.35845 |
| 6/18/2009 12:16 | 687600.001 | 67.655 | 1.007 | 2.32617 | 51.35845 |
| 6/18/2009 12:31 | 688500.001 | 67.815 | 1.008 | 2.32848 | 51.46107 |
| 6/18/2009 12:46 | 689400.001 | 67.976 | 1.007 | 2.32617 | 51.35845 |
| 6/18/2009 13:01 | 690300.001 | 68.136 | 1.005 | 2.32155 | 51.15322 |
| 6/18/2009 13:16 | 691200.001 | 68.299 | 1.003 | 2.31693 | 50.94798 |
| 6/18/2009 13:31 | 692100.001 | 68.454 | 1.006 | 2.32386 | 51.25583 |
| 6/18/2009 13:46 | 693000.001 | 68.606 | 1.003 | 2.31693 | 50.94798 |
| 6/18/2009 14:01 | 693900.001 | 68.753 | 1.002 | 2.31462 | 50.84536 |
| 6/18/2009 14:16 | 694800.001 | 68.897 | 1.005 | 2.32155 | 51.15322 |
| 6/18/2009 14:31 | 695700.001 | 69.041 | 1.001 | 2.31231 | 50.74275 |
| 6/18/2009 14:46 | 696600.001 | 69.17  | 1.008 | 2.32848 | 51.46107 |
| 6/18/2009 15:01 | 697500.001 | 69.284 | 1.003 | 2.31693 | 50.94798 |
| 6/18/2009 15:16 | 698400.001 | 69.385 | 1.001 | 2.31231 | 50.74275 |
| 6/18/2009 15:31 | 699300.001 | 69.498 | 1.006 | 2.32386 | 51.25583 |
| 6/18/2009 15:46 | 700200.001 | 69.6   | 1.002 | 2.31462 | 50.84536 |
| 6/18/2009 16:01 | 701100.004 | 69.695 | 1.01  | 2.3331  | 51.6663  |
| 6/18/2009 16:16 | 702000.008 | 69.84  | 0.999 | 2.30769 | 50.53751 |
| 6/18/2009 16:31 | 702900.001 | 69.863 | 1.002 | 2.31462 | 50.84536 |
| 6/18/2009 16:46 | 703800.001 | 69.929 | 1.003 | 2.31693 | 50.94798 |
| 6/18/2009 17:01 | 704700.001 | 69.989 | 1.001 | 2.31231 | 50.74275 |
| 6/18/2009 17:16 | 705600.001 | 70.032 | 0.998 | 2.30538 | 50.4349  |
| 6/18/2009 17:31 | 706500.001 | 70.081 | 1     | 2.31    | 50.64013 |
| 6/18/2009 17:46 | 707400.001 | 70.125 | 1.007 | 2.32617 | 51.35845 |
| 6/18/2009 18:01 | 708300.001 | 70.172 | 0.997 | 2.30307 | 50.33228 |
| 6/18/2009 18:16 | 709200.001 | 70.209 | 0.997 | 2.30307 | 50.33228 |
| 6/18/2009 18:31 | 710100.001 | 70.233 | 0.998 | 2.30538 | 50.4349  |
| 6/18/2009 18:46 | 711000.001 | 70.254 | 1.004 | 2.31924 | 51.0506  |
| 6/18/2009 19:01 | 711900.001 | 70.273 | 1.003 | 2.31693 | 50.94798 |
| 6/18/2009 19:16 | 712800.001 | 70.286 | 0.999 | 2.30769 | 50.53751 |

|                 |            |        |       |         |          |
|-----------------|------------|--------|-------|---------|----------|
| 6/18/2009 19:31 | 713700.001 | 70.291 | 1.001 | 2.31231 | 50.74275 |
| 6/18/2009 19:46 | 714600.001 | 70.297 | 0.999 | 2.30769 | 50.53751 |
| 6/18/2009 20:01 | 715500.001 | 70.296 | 1.002 | 2.31462 | 50.84536 |
| 6/18/2009 20:16 | 716400.001 | 70.295 | 1     | 2.31    | 50.64013 |
| 6/18/2009 20:31 | 717300.001 | 70.288 | 1.008 | 2.32848 | 51.46107 |
| 6/18/2009 20:46 | 718200.001 | 70.274 | 1.004 | 2.31924 | 51.0506  |
| 6/18/2009 21:01 | 719100.001 | 70.261 | 1.003 | 2.31693 | 50.94798 |
| 6/18/2009 21:16 | 720000.001 | 70.237 | 1.002 | 2.31462 | 50.84536 |
| 6/18/2009 21:31 | 720900.001 | 70.222 | 0.997 | 2.30307 | 50.33228 |
| 6/18/2009 21:46 | 721800.001 | 70.204 | 1.002 | 2.31462 | 50.84536 |
| 6/18/2009 22:01 | 722700.001 | 70.172 | 1.005 | 2.32155 | 51.15322 |
| 6/18/2009 22:16 | 723600.001 | 70.152 | 1     | 2.31    | 50.64013 |
| 6/18/2009 22:31 | 724500.001 | 70.115 | 1.004 | 2.31924 | 51.0506  |
| 6/18/2009 22:46 | 725400.004 | 70.078 | 1.002 | 2.31462 | 50.84536 |
| 6/18/2009 23:01 | 726300.007 | 70.037 | 1.001 | 2.31231 | 50.74275 |
| 6/18/2009 23:16 | 727200.001 | 69.991 | 1     | 2.31    | 50.64013 |
| 6/18/2009 23:31 | 728100.001 | 69.933 | 0.994 | 2.29614 | 50.02443 |
| 6/18/2009 23:46 | 729000.004 | 69.879 | 0.997 | 2.30307 | 50.33228 |
| 6/19/2009 0:01  | 729900.004 | 69.858 | 1.005 | 2.32155 | 51.15322 |
| 6/19/2009 0:16  | 730800.004 | 69.736 | 0.999 | 2.30769 | 50.53751 |
| 6/19/2009 0:31  | 731700.004 | 69.659 | 1.002 | 2.31462 | 50.84536 |
| 6/19/2009 0:46  | 732600.001 | 69.585 | 1.002 | 2.31462 | 50.84536 |
| 6/19/2009 1:01  | 733500.004 | 69.502 | 1.004 | 2.31924 | 51.0506  |
| 6/19/2009 1:16  | 734400.004 | 69.471 | 1.003 | 2.31693 | 50.94798 |
| 6/19/2009 1:31  | 735300.001 | 69.334 | 0.998 | 2.30538 | 50.4349  |
| 6/19/2009 1:46  | 736200.004 | 69.245 | 1     | 2.31    | 50.64013 |
| 6/19/2009 2:01  | 737100.007 | 69.156 | 1.001 | 2.31231 | 50.74275 |
| 6/19/2009 2:16  | 738000.001 | 69.071 | 1.004 | 2.31924 | 51.0506  |
| 6/19/2009 2:31  | 738900.001 | 68.969 | 1     | 2.31    | 50.64013 |
| 6/19/2009 2:46  | 739800.004 | 68.882 | 1.004 | 2.31924 | 51.0506  |
| 6/19/2009 3:01  | 740700.004 | 68.833 | 1.004 | 2.31924 | 51.0506  |
| 6/19/2009 3:16  | 741600.001 | 68.693 | 1.003 | 2.31693 | 50.94798 |
| 6/19/2009 3:31  | 742500.001 | 68.596 | 0.999 | 2.30769 | 50.53751 |
| 6/19/2009 3:46  | 743400.001 | 68.495 | 1.003 | 2.31693 | 50.94798 |
| 6/19/2009 4:01  | 744300.001 | 68.393 | 1.001 | 2.31231 | 50.74275 |
| 6/19/2009 4:16  | 745200.001 | 68.295 | 1.005 | 2.32155 | 51.15322 |
| 6/19/2009 4:31  | 746100.001 | 68.206 | 1.005 | 2.32155 | 51.15322 |
| 6/19/2009 4:46  | 747000.004 | 68.108 | 0.996 | 2.30076 | 50.22966 |
| 6/19/2009 5:01  | 747900.006 | 68.018 | 1.004 | 2.31924 | 51.0506  |
| 6/19/2009 5:16  | 748800.001 | 67.912 | 1.005 | 2.32155 | 51.15322 |
| 6/19/2009 5:31  | 749700.001 | 67.816 | 1.005 | 2.32155 | 51.15322 |
| 6/19/2009 5:46  | 750600.004 | 67.73  | 1.004 | 2.31924 | 51.0506  |
| 6/19/2009 6:01  | 751500.004 | 67.688 | 1.008 | 2.32848 | 51.46107 |
| 6/19/2009 6:16  | 752400.001 | 67.555 | 1.003 | 2.31693 | 50.94798 |
| 6/19/2009 6:31  | 753300.001 | 67.479 | 1.011 | 2.33541 | 51.76892 |
| 6/19/2009 6:46  | 754200.001 | 67.404 | 1.005 | 2.32155 | 51.15322 |
| 6/19/2009 7:01  | 755100.001 | 67.348 | 1.008 | 2.32848 | 51.46107 |
| 6/19/2009 7:16  | 756000.001 | 67.304 | 1.001 | 2.31231 | 50.74275 |
| 6/19/2009 7:31  | 756900.001 | 67.272 | 1.008 | 2.32848 | 51.46107 |
| 6/19/2009 7:46  | 757800.001 | 67.263 | 1.005 | 2.32155 | 51.15322 |
| 6/19/2009 8:01  | 758700.001 | 67.271 | 1.004 | 2.31924 | 51.0506  |
| 6/19/2009 8:16  | 759600.001 | 67.289 | 1.009 | 2.33079 | 51.56368 |

|                 |            |        |       |         |          |
|-----------------|------------|--------|-------|---------|----------|
| 6/19/2009 8:31  | 760500.001 | 67.342 | 1.001 | 2.31231 | 50.74275 |
| 6/19/2009 8:46  | 761400.001 | 67.377 | 1.002 | 2.31462 | 50.84536 |
| 6/19/2009 9:01  | 762300.001 | 67.431 | 1.004 | 2.31924 | 51.0506  |
| 6/19/2009 9:16  | 763200.001 | 67.516 | 1     | 2.31    | 50.64013 |
| 6/19/2009 9:31  | 764100.001 | 67.609 | 1.006 | 2.32386 | 51.25583 |
| 6/19/2009 9:46  | 765000.001 | 67.703 | 1.001 | 2.31231 | 50.74275 |
| 6/19/2009 10:01 | 765900.001 | 67.807 | 1.007 | 2.32617 | 51.35845 |
| 6/19/2009 10:16 | 766800.001 | 67.913 | 1.001 | 2.31231 | 50.74275 |
| 6/19/2009 10:31 | 767700.001 | 68.031 | 1     | 2.31    | 50.64013 |
| 6/19/2009 10:46 | 768600.004 | 68.16  | 1.006 | 2.32386 | 51.25583 |
| 6/19/2009 11:01 | 769500.007 | 68.296 | 1.006 | 2.32386 | 51.25583 |
| 6/19/2009 11:16 | 770400.001 | 68.434 | 1.009 | 2.33079 | 51.56368 |
| 6/19/2009 11:31 | 771300.001 | 68.569 | 1.007 | 2.32617 | 51.35845 |
| 6/19/2009 11:46 | 772200.001 | 68.717 | 1.001 | 2.31231 | 50.74275 |
| 6/19/2009 12:01 | 773100.001 | 68.861 | 1     | 2.31    | 50.64013 |
| 6/19/2009 12:16 | 774000.001 | 69.027 | 1.004 | 2.31924 | 51.0506  |
| 6/19/2009 12:31 | 774900.001 | 69.156 | 1.004 | 2.31924 | 51.0506  |
| 6/19/2009 12:46 | 775800.001 | 69.256 | 1.002 | 2.31462 | 50.84536 |
| 6/19/2009 13:01 | 776700.001 | 69.382 | 1.005 | 2.32155 | 51.15322 |
| 6/19/2009 13:16 | 777600.004 | 69.458 | 1     | 2.31    | 50.64013 |
| 6/19/2009 13:31 | 778500.004 | 69.569 | 1     | 2.31    | 50.64013 |
| 6/19/2009 13:46 | 779400.001 | 69.707 | 1.001 | 2.31231 | 50.74275 |
| 6/19/2009 14:01 | 780300.004 | 69.861 | 0.999 | 2.30769 | 50.53751 |
| 6/19/2009 14:16 | 781200.004 | 70.043 | 1.003 | 2.31693 | 50.94798 |
| 6/19/2009 14:31 | 782100.008 | 70.18  | 1     | 2.31    | 50.64013 |
| 6/19/2009 14:46 | 783000.004 | 70.226 | 1     | 2.31    | 50.64013 |
| 6/19/2009 15:01 | 783900.006 | 70.326 | 0.997 | 2.30307 | 50.33228 |
| 6/19/2009 15:16 | 784800.001 | 70.358 | 0.995 | 2.29845 | 50.12704 |
| 6/19/2009 15:31 | 785700.001 | 70.381 | 0.995 | 2.29845 | 50.12704 |
| 6/19/2009 15:46 | 786600.001 | 70.397 | 0.996 | 2.30076 | 50.22966 |
| 6/19/2009 16:01 | 787500.001 | 70.419 | 0.996 | 2.30076 | 50.22966 |
| 6/19/2009 16:16 | 788400.001 | 70.44  | 0.992 | 2.29152 | 49.81919 |
| 6/19/2009 16:31 | 789300.001 | 70.519 | 0.998 | 2.30538 | 50.4349  |
| 6/19/2009 16:46 | 790200.001 | 70.554 | 0.999 | 2.30769 | 50.53751 |
| 6/19/2009 17:01 | 791100.001 | 70.608 | 0.994 | 2.29614 | 50.02443 |
| 6/19/2009 17:16 | 792000.004 | 70.66  | 0.997 | 2.30307 | 50.33228 |
| 6/19/2009 17:31 | 792900.004 | 70.717 | 0.992 | 2.29152 | 49.81919 |
| 6/19/2009 17:46 | 793800.004 | 70.825 | 1.002 | 2.31462 | 50.84536 |
| 6/19/2009 18:01 | 794700.001 | 70.823 | 0.995 | 2.29845 | 50.12704 |
| 6/19/2009 18:16 | 795600.001 | 70.865 | 0.995 | 2.29845 | 50.12704 |
| 6/19/2009 18:31 | 796500.001 | 70.887 | 0.993 | 2.29383 | 49.92181 |
| 6/19/2009 18:46 | 797400.001 | 70.898 | 0.989 | 2.28459 | 49.51134 |
| 6/19/2009 19:01 | 798300.001 | 70.902 | 0.989 | 2.28459 | 49.51134 |
| 6/19/2009 19:16 | 799200.001 | 70.911 | 0.996 | 2.30076 | 50.22966 |
| 6/19/2009 19:31 | 800100.001 | 70.894 | 0.993 | 2.29383 | 49.92181 |
| 6/19/2009 19:46 | 801000.001 | 70.884 | 0.992 | 2.29152 | 49.81919 |
| 6/19/2009 20:01 | 801900.004 | 70.858 | 0.995 | 2.29845 | 50.12704 |
| 6/19/2009 20:16 | 802800.007 | 70.849 | 0.991 | 2.28921 | 49.71658 |
| 6/19/2009 20:31 | 803700.004 | 70.881 | 0.993 | 2.29383 | 49.92181 |
| 6/19/2009 20:46 | 804600.001 | 70.813 | 0.998 | 2.30538 | 50.4349  |
| 6/19/2009 21:01 | 805500.001 | 70.791 | 0.992 | 2.29152 | 49.81919 |
| 6/19/2009 21:16 | 806400.001 | 70.771 | 0.997 | 2.30307 | 50.33228 |

|                 |            |        |       |         |          |
|-----------------|------------|--------|-------|---------|----------|
| 6/19/2009 21:31 | 807300.001 | 70.741 | 0.991 | 2.28921 | 49.71658 |
| 6/19/2009 21:46 | 808200.001 | 70.716 | 0.993 | 2.29383 | 49.92181 |
| 6/19/2009 22:01 | 809100.001 | 70.688 | 0.993 | 2.29383 | 49.92181 |
| 6/19/2009 22:16 | 810000.001 | 70.645 | 0.993 | 2.29383 | 49.92181 |
| 6/19/2009 22:31 | 810900.001 | 70.607 | 0.995 | 2.29845 | 50.12704 |
| 6/19/2009 22:46 | 811800.001 | 70.567 | 0.998 | 2.30538 | 50.4349  |
| 6/19/2009 23:01 | 812700.001 | 70.526 | 0.995 | 2.29845 | 50.12704 |
| 6/19/2009 23:16 | 813600.001 | 70.473 | 0.992 | 2.29152 | 49.81919 |
| 6/19/2009 23:31 | 814500.001 | 70.415 | 0.995 | 2.29845 | 50.12704 |
| 6/19/2009 23:46 | 815400.001 | 70.344 | 1.004 | 2.31924 | 51.0506  |
| 6/20/2009 0:01  | 816300.001 | 70.269 | 0.993 | 2.29383 | 49.92181 |
| 6/20/2009 0:16  | 817200.001 | 70.193 | 0.996 | 2.30076 | 50.22966 |
| 6/20/2009 0:31  | 818100.001 | 70.118 | 0.992 | 2.29152 | 49.81919 |
| 6/20/2009 0:46  | 819000.001 | 70.04  | 0.993 | 2.29383 | 49.92181 |
| 6/20/2009 1:01  | 819900.001 | 69.947 | 0.995 | 2.29845 | 50.12704 |
| 6/20/2009 1:16  | 820800.001 | 69.837 | 0.991 | 2.28921 | 49.71658 |
| 6/20/2009 1:31  | 821700.001 | 69.723 | 0.996 | 2.30076 | 50.22966 |
| 6/20/2009 1:46  | 822600.004 | 69.608 | 0.994 | 2.29614 | 50.02443 |
| 6/20/2009 2:01  | 823500.004 | 69.544 | 0.994 | 2.29614 | 50.02443 |
| 6/20/2009 2:16  | 824400.001 | 69.38  | 0.994 | 2.29614 | 50.02443 |
| 6/20/2009 2:31  | 825300.001 | 69.282 | 0.992 | 2.29152 | 49.81919 |
| 6/20/2009 2:46  | 826200.001 | 69.173 | 0.997 | 2.30307 | 50.33228 |
| 6/20/2009 3:01  | 827100.001 | 69.053 | 0.995 | 2.29845 | 50.12704 |
| 6/20/2009 3:16  | 828000.001 | 68.94  | 0.994 | 2.29614 | 50.02443 |
| 6/20/2009 3:31  | 828900.001 | 68.828 | 0.997 | 2.30307 | 50.33228 |
| 6/20/2009 3:46  | 829800.001 | 68.707 | 0.995 | 2.29845 | 50.12704 |
| 6/20/2009 4:01  | 830700.001 | 68.59  | 0.993 | 2.29383 | 49.92181 |
| 6/20/2009 4:16  | 831600.001 | 68.469 | 0.994 | 2.29614 | 50.02443 |
| 6/20/2009 4:31  | 832500.001 | 68.362 | 0.996 | 2.30076 | 50.22966 |
| 6/20/2009 4:46  | 833400.001 | 68.241 | 0.997 | 2.30307 | 50.33228 |
| 6/20/2009 5:01  | 834300.001 | 68.137 | 0.998 | 2.30538 | 50.4349  |
| 6/20/2009 5:16  | 835200.001 | 68.026 | 0.998 | 2.30538 | 50.4349  |
| 6/20/2009 5:31  | 836100.001 | 67.923 | 1     | 2.31    | 50.64013 |
| 6/20/2009 5:46  | 837000.001 | 67.823 | 0.995 | 2.29845 | 50.12704 |
| 6/20/2009 6:01  | 837900.001 | 67.735 | 0.995 | 2.29845 | 50.12704 |
| 6/20/2009 6:16  | 838800.004 | 67.644 | 0.998 | 2.30538 | 50.4349  |
| 6/20/2009 6:31  | 839700.004 | 67.545 | 0.997 | 2.30307 | 50.33228 |
| 6/20/2009 6:46  | 840600.004 | 67.533 | 0.997 | 2.30307 | 50.33228 |
| 6/20/2009 7:01  | 841500.001 | 67.416 | 0.998 | 2.30538 | 50.4349  |
| 6/20/2009 7:16  | 842400.001 | 67.381 | 0.998 | 2.30538 | 50.4349  |
| 6/20/2009 7:31  | 843300.001 | 67.351 | 0.995 | 2.29845 | 50.12704 |
| 6/20/2009 7:46  | 844200.001 | 67.339 | 0.997 | 2.30307 | 50.33228 |
| 6/20/2009 8:01  | 845100.001 | 67.348 | 0.999 | 2.30769 | 50.53751 |
| 6/20/2009 8:16  | 846000.001 | 67.37  | 0.999 | 2.30769 | 50.53751 |
| 6/20/2009 8:31  | 846900.001 | 67.41  | 0.998 | 2.30538 | 50.4349  |
| 6/20/2009 8:46  | 847800.001 | 67.442 | 0.995 | 2.29845 | 50.12704 |
| 6/20/2009 9:01  | 848700.001 | 67.473 | 1.001 | 2.31231 | 50.74275 |
| 6/20/2009 9:16  | 849600.001 | 67.548 | 0.998 | 2.30538 | 50.4349  |
| 6/20/2009 9:31  | 850500.001 | 67.632 | 0.999 | 2.30769 | 50.53751 |
| 6/20/2009 9:46  | 851400.001 | 67.724 | 0.995 | 2.29845 | 50.12704 |
| 6/20/2009 10:01 | 852300.001 | 67.81  | 0.998 | 2.30538 | 50.4349  |
| 6/20/2009 10:16 | 853200.001 | 67.911 | 0.991 | 2.28921 | 49.71658 |

|                 |            |        |       |         |          |
|-----------------|------------|--------|-------|---------|----------|
| 6/20/2009 10:31 | 854100.001 | 68.034 | 0.998 | 2.30538 | 50.4349  |
| 6/20/2009 10:46 | 855000.001 | 68.149 | 0.998 | 2.30538 | 50.4349  |
| 6/20/2009 11:01 | 855900.001 | 68.267 | 0.997 | 2.30307 | 50.33228 |
| 6/20/2009 11:16 | 856800.001 | 68.41  | 0.996 | 2.30076 | 50.22966 |
| 6/20/2009 11:31 | 857700.001 | 68.545 | 0.995 | 2.29845 | 50.12704 |
| 6/20/2009 11:46 | 858600.004 | 68.682 | 0.993 | 2.29383 | 49.92181 |
| 6/20/2009 12:01 | 859500.006 | 68.83  | 0.991 | 2.28921 | 49.71658 |
| 6/20/2009 12:16 | 860400.001 | 68.983 | 0.992 | 2.29152 | 49.81919 |
| 6/20/2009 12:31 | 861300.001 | 69.129 | 0.996 | 2.30076 | 50.22966 |
| 6/20/2009 12:46 | 862200.001 | 69.287 | 0.998 | 2.30538 | 50.4349  |
| 6/20/2009 13:01 | 863100.001 | 69.442 | 0.996 | 2.30076 | 50.22966 |
| 6/20/2009 13:16 | 864000.001 | 69.596 | 0.994 | 2.29614 | 50.02443 |
| 6/20/2009 13:31 | 864900.001 | 69.739 | 0.993 | 2.29383 | 49.92181 |
| 6/20/2009 13:46 | 865800.004 | 69.885 | 0.994 | 2.29614 | 50.02443 |
| 6/20/2009 14:01 | 866700.006 | 70.022 | 0.997 | 2.30307 | 50.33228 |
| 6/20/2009 14:16 | 867600.001 | 70.147 | 0.995 | 2.29845 | 50.12704 |
| 6/20/2009 14:31 | 868500.001 | 70.278 | 0.993 | 2.29383 | 49.92181 |
| 6/20/2009 14:46 | 869400.001 | 70.397 | 0.993 | 2.29383 | 49.92181 |
| 6/20/2009 15:01 | 870300.001 | 70.505 | 0.996 | 2.30076 | 50.22966 |
| 6/20/2009 15:16 | 871200.001 | 70.604 | 0.988 | 2.28228 | 49.40872 |
| 6/20/2009 15:31 | 872100.001 | 70.699 | 0.995 | 2.29845 | 50.12704 |
| 6/20/2009 15:46 | 873000.001 | 70.796 | 0.988 | 2.28228 | 49.40872 |
| 6/20/2009 16:01 | 873900.001 | 70.874 | 0.99  | 2.2869  | 49.61396 |
| 6/20/2009 16:16 | 874800.001 | 70.952 | 0.99  | 2.2869  | 49.61396 |
| 6/20/2009 16:31 | 875700.001 | 71.02  | 0.989 | 2.28459 | 49.51134 |
| 6/20/2009 16:46 | 876600.001 | 71.054 | 0.993 | 2.29383 | 49.92181 |
| 6/20/2009 17:01 | 877500.001 | 71.106 | 0.99  | 2.2869  | 49.61396 |
| 6/20/2009 17:16 | 878400.001 | 71.148 | 0.992 | 2.29152 | 49.81919 |
| 6/20/2009 17:31 | 879300.001 | 71.182 | 0.995 | 2.29845 | 50.12704 |
| 6/20/2009 17:46 | 880200.001 | 71.207 | 0.989 | 2.28459 | 49.51134 |
| 6/20/2009 18:01 | 881100.001 | 71.228 | 0.993 | 2.29383 | 49.92181 |
| 6/20/2009 18:16 | 882000.001 | 71.244 | 0.994 | 2.29614 | 50.02443 |
| 6/20/2009 18:31 | 882900.001 | 71.241 | 0.988 | 2.28228 | 49.40872 |
| 6/20/2009 18:46 | 883800.001 | 71.237 | 0.995 | 2.29845 | 50.12704 |
| 6/20/2009 19:01 | 884700.001 | 71.217 | 0.993 | 2.29383 | 49.92181 |
| 6/20/2009 19:16 | 885600.001 | 71.21  | 0.993 | 2.29383 | 49.92181 |
| 6/20/2009 19:31 | 886500.001 | 71.191 | 0.99  | 2.2869  | 49.61396 |
| 6/20/2009 19:46 | 887400.001 | 71.158 | 0.986 | 2.27766 | 49.20349 |
| 6/20/2009 20:01 | 888300.001 | 71.123 | 0.985 | 2.27535 | 49.10087 |
| 6/20/2009 20:16 | 889200.001 | 71.09  | 0.991 | 2.28921 | 49.71658 |
| 6/20/2009 20:31 | 890100.001 | 71.069 | 0.992 | 2.29152 | 49.81919 |
| 6/20/2009 20:46 | 891000.001 | 71.028 | 0.996 | 2.30076 | 50.22966 |
| 6/20/2009 21:01 | 891900.001 | 71.01  | 0.989 | 2.28459 | 49.51134 |
| 6/20/2009 21:16 | 892800.001 | 70.983 | 0.992 | 2.29152 | 49.81919 |
| 6/20/2009 21:31 | 893700.001 | 70.944 | 0.991 | 2.28921 | 49.71658 |
| 6/20/2009 21:46 | 894600.001 | 70.908 | 0.993 | 2.29383 | 49.92181 |
| 6/20/2009 22:01 | 895500.001 | 70.884 | 0.99  | 2.2869  | 49.61396 |
| 6/20/2009 22:16 | 896400.001 | 70.845 | 0.991 | 2.28921 | 49.71658 |
| 6/20/2009 22:31 | 897300.001 | 70.813 | 0.993 | 2.29383 | 49.92181 |
| 6/20/2009 22:46 | 898200.001 | 70.758 | 0.988 | 2.28228 | 49.40872 |
| 6/20/2009 23:01 | 899100.001 | 70.704 | 0.987 | 2.27997 | 49.30611 |
| 6/20/2009 23:16 | 900000.001 | 70.661 | 0.981 | 2.26611 | 48.6904  |



|                 |            |        |       |         |          |
|-----------------|------------|--------|-------|---------|----------|
| 6/20/2009 23:31 | 900900.001 | 70.586 | 0.989 | 2.28459 | 49.51134 |
| 6/20/2009 23:46 | 901800.001 | 70.508 | 0.987 | 2.27997 | 49.30611 |
| 6/21/2009 0:01  | 902700.001 | 70.439 | 0.99  | 2.2869  | 49.61396 |
| 6/21/2009 0:16  | 903600.001 | 70.356 | 0.989 | 2.28459 | 49.51134 |
| 6/21/2009 0:31  | 904500.001 | 70.266 | 0.989 | 2.28459 | 49.51134 |
| 6/21/2009 0:46  | 905400.001 | 70.183 | 0.985 | 2.27535 | 49.10087 |
| 6/21/2009 1:01  | 906300.001 | 70.088 | 0.99  | 2.2869  | 49.61396 |
| 6/21/2009 1:16  | 907200.001 | 69.989 | 0.988 | 2.28228 | 49.40872 |
| 6/21/2009 1:31  | 908100.001 | 69.88  | 0.99  | 2.2869  | 49.61396 |
| 6/21/2009 1:46  | 909000.001 | 69.776 | 0.991 | 2.28921 | 49.71658 |
| 6/21/2009 2:01  | 909900.001 | 69.667 | 0.993 | 2.29383 | 49.92181 |
| 6/21/2009 2:16  | 910800.001 | 69.564 | 0.991 | 2.28921 | 49.71658 |
| 6/21/2009 2:31  | 911700.001 | 69.456 | 0.995 | 2.29845 | 50.12704 |
| 6/21/2009 2:46  | 912600.001 | 69.357 | 0.996 | 2.30076 | 50.22966 |
| 6/21/2009 3:01  | 913500.001 | 69.255 | 0.989 | 2.28459 | 49.51134 |
| 6/21/2009 3:16  | 914400.001 | 69.156 | 0.987 | 2.27997 | 49.30611 |
| 6/21/2009 3:31  | 915300.001 | 69.041 | 0.996 | 2.30076 | 50.22966 |
| 6/21/2009 3:46  | 916200.001 | 68.915 | 0.987 | 2.27997 | 49.30611 |
| 6/21/2009 4:01  | 917100.001 | 68.79  | 0.989 | 2.28459 | 49.51134 |
| 6/21/2009 4:16  | 918000.001 | 68.654 | 0.993 | 2.29383 | 49.92181 |
| 6/21/2009 4:31  | 918900.001 | 68.512 | 0.996 | 2.30076 | 50.22966 |
| 6/21/2009 4:46  | 919800.001 | 68.374 | 0.991 | 2.28921 | 49.71658 |
| 6/21/2009 5:01  | 920700.001 | 68.248 | 0.988 | 2.28228 | 49.40872 |
| 6/21/2009 5:16  | 921600.001 | 68.116 | 0.993 | 2.29383 | 49.92181 |
| 6/21/2009 5:31  | 922500.001 | 67.99  | 0.991 | 2.28921 | 49.71658 |
| 6/21/2009 5:46  | 923400.001 | 67.852 | 0.995 | 2.29845 | 50.12704 |
| 6/21/2009 6:01  | 924300.001 | 67.728 | 0.986 | 2.27766 | 49.20349 |
| 6/21/2009 6:16  | 925200.001 | 67.613 | 0.989 | 2.28459 | 49.51134 |
| 6/21/2009 6:31  | 926100.001 | 67.494 | 0.987 | 2.27997 | 49.30611 |
| 6/21/2009 6:46  | 927000.001 | 67.395 | 0.99  | 2.2869  | 49.61396 |
| 6/21/2009 7:01  | 927900.001 | 67.312 | 0.991 | 2.28921 | 49.71658 |
| 6/21/2009 7:16  | 928800.001 | 67.244 | 0.99  | 2.2869  | 49.61396 |
| 6/21/2009 7:31  | 929700.001 | 67.191 | 0.995 | 2.29845 | 50.12704 |
| 6/21/2009 7:46  | 930600.001 | 67.156 | 0.992 | 2.29152 | 49.81919 |
| 6/21/2009 8:01  | 931500.001 | 67.137 | 0.993 | 2.29383 | 49.92181 |
| 6/21/2009 8:16  | 932400.004 | 67.147 | 0.99  | 2.2869  | 49.61396 |
| 6/21/2009 8:31  | 933300.004 | 67.154 | 0.991 | 2.28921 | 49.71658 |
| 6/21/2009 8:46  | 934200.004 | 67.22  | 0.998 | 2.30538 | 50.4349  |
| 6/21/2009 9:01  | 935100.001 | 67.199 | 0.996 | 2.30076 | 50.22966 |
| 6/21/2009 9:16  | 936000.001 | 67.256 | 0.991 | 2.28921 | 49.71658 |
| 6/21/2009 9:31  | 936900.001 | 67.328 | 0.994 | 2.29614 | 50.02443 |
| 6/21/2009 9:46  | 937800.001 | 67.398 | 0.994 | 2.29614 | 50.02443 |
| 6/21/2009 10:01 | 938700.001 | 67.489 | 0.992 | 2.29152 | 49.81919 |
| 6/21/2009 10:16 | 939600.001 | 67.582 | 0.994 | 2.29614 | 50.02443 |
| 6/21/2009 10:31 | 940500.001 | 67.69  | 0.99  | 2.2869  | 49.61396 |
| 6/21/2009 10:46 | 941400.001 | 67.798 | 0.992 | 2.29152 | 49.81919 |
| 6/21/2009 11:01 | 942300.001 | 67.919 | 0.996 | 2.30076 | 50.22966 |
| 6/21/2009 11:16 | 943200.001 | 68.051 | 0.996 | 2.30076 | 50.22966 |
| 6/21/2009 11:31 | 944100.001 | 68.19  | 0.991 | 2.28921 | 49.71658 |
| 6/21/2009 11:46 | 945000.001 | 68.331 | 0.998 | 2.30538 | 50.4349  |
| 6/21/2009 12:01 | 945900.001 | 68.468 | 0.999 | 2.30769 | 50.53751 |
| 6/21/2009 12:16 | 946800.001 | 68.615 | 0.991 | 2.28921 | 49.71658 |

|                 |            |        |       |         |          |
|-----------------|------------|--------|-------|---------|----------|
| 6/21/2009 12:31 | 947700.001 | 68.752 | 0.988 | 2.28228 | 49.40872 |
| 6/21/2009 12:46 | 948600.001 | 68.888 | 0.992 | 2.29152 | 49.81919 |
| 6/21/2009 13:01 | 949500.001 | 69.034 | 0.992 | 2.29152 | 49.81919 |
| 6/21/2009 13:16 | 950400.001 | 69.168 | 0.996 | 2.30076 | 50.22966 |
| 6/21/2009 13:31 | 951300.001 | 69.304 | 0.991 | 2.28921 | 49.71658 |
| 6/21/2009 13:46 | 952200.001 | 69.435 | 0.996 | 2.30076 | 50.22966 |
| 6/21/2009 14:01 | 953100.004 | 69.568 | 0.99  | 2.2869  | 49.61396 |
| 6/21/2009 14:16 | 954000.004 | 69.735 | 0.992 | 2.29152 | 49.81919 |
| 6/21/2009 14:31 | 954900.008 | 69.848 | 0.994 | 2.29614 | 50.02443 |
| 6/21/2009 14:46 | 955800.004 | 69.902 | 0.998 | 2.30538 | 50.4349  |
| 6/21/2009 15:01 | 956700.004 | 70.055 | 0.994 | 2.29614 | 50.02443 |
| 6/21/2009 15:16 | 957600.001 | 70.094 | 0.99  | 2.2869  | 49.61396 |
| 6/21/2009 15:31 | 958500.001 | 70.176 | 0.99  | 2.2869  | 49.61396 |
| 6/21/2009 15:46 | 959400.001 | 70.248 | 0.992 | 2.29152 | 49.81919 |
| 6/21/2009 16:01 | 960300.001 | 70.325 | 0.995 | 2.29845 | 50.12704 |
| 6/21/2009 16:16 | 961200.001 | 70.396 | 1     | 2.31    | 50.64013 |
| 6/21/2009 16:31 | 962100.001 | 70.447 | 0.994 | 2.29614 | 50.02443 |
| 6/21/2009 16:46 | 963000.001 | 70.497 | 0.99  | 2.2869  | 49.61396 |
| 6/21/2009 17:01 | 963900.001 | 70.53  | 0.987 | 2.27997 | 49.30611 |
| 6/21/2009 17:16 | 964800.001 | 70.572 | 0.994 | 2.29614 | 50.02443 |
| 6/21/2009 17:31 | 965700.001 | 70.6   | 0.996 | 2.30076 | 50.22966 |
| 6/21/2009 17:46 | 966600.001 | 70.608 | 0.99  | 2.2869  | 49.61396 |
| 6/21/2009 18:01 | 967500.001 | 70.626 | 0.997 | 2.30307 | 50.33228 |
| 6/21/2009 18:16 | 968400.001 | 70.632 | 0.996 | 2.30076 | 50.22966 |
| 6/21/2009 18:31 | 969300.001 | 70.633 | 0.997 | 2.30307 | 50.33228 |
| 6/21/2009 18:46 | 970200.001 | 70.629 | 0.997 | 2.30307 | 50.33228 |
| 6/21/2009 19:01 | 971100.001 | 70.625 | 0.993 | 2.29383 | 49.92181 |
| 6/21/2009 19:16 | 972000.001 | 70.603 | 0.995 | 2.29845 | 50.12704 |
| 6/21/2009 19:31 | 972900.001 | 70.591 | 0.987 | 2.27997 | 49.30611 |
| 6/21/2009 19:46 | 973800.001 | 70.579 | 0.993 | 2.29383 | 49.92181 |
| 6/21/2009 20:01 | 974700.001 | 70.562 | 0.998 | 2.30538 | 50.4349  |
| 6/21/2009 20:16 | 975600.001 | 70.528 | 0.993 | 2.29383 | 49.92181 |
| 6/21/2009 20:31 | 976500.001 | 70.494 | 0.997 | 2.30307 | 50.33228 |
| 6/21/2009 20:46 | 977400.001 | 70.457 | 0.996 | 2.30076 | 50.22966 |
| 6/21/2009 21:01 | 978300.001 | 70.408 | 0.996 | 2.30076 | 50.22966 |
| 6/21/2009 21:16 | 979200.004 | 70.362 | 1     | 2.31    | 50.64013 |
| 6/21/2009 21:31 | 980100.004 | 70.329 | 0.996 | 2.30076 | 50.22966 |
| 6/21/2009 21:46 | 981000.004 | 70.354 | 0.997 | 2.30307 | 50.33228 |
| 6/21/2009 22:01 | 981900.001 | 70.254 | 0.997 | 2.30307 | 50.33228 |
| 6/21/2009 22:16 | 982800.001 | 70.197 | 0.996 | 2.30076 | 50.22966 |
| 6/21/2009 22:31 | 983700.001 | 70.14  | 0.997 | 2.30307 | 50.33228 |
| 6/21/2009 22:46 | 984600.001 | 70.094 | 0.997 | 2.30307 | 50.33228 |
| 6/21/2009 23:01 | 985500.001 | 70.038 | 1.003 | 2.31693 | 50.94798 |
| 6/21/2009 23:16 | 986400.004 | 69.971 | 1     | 2.31    | 50.64013 |
| 6/21/2009 23:31 | 987300.004 | 69.89  | 0.995 | 2.29845 | 50.12704 |
| 6/21/2009 23:46 | 988200.001 | 69.811 | 0.996 | 2.30076 | 50.22966 |
| 6/22/2009 0:01  | 989100.004 | 69.72  | 1.001 | 2.31231 | 50.74275 |
| 6/22/2009 0:16  | 990000.004 | 69.669 | 1.006 | 2.32386 | 51.25583 |
| 6/22/2009 0:31  | 990900.001 | 69.523 | 1.001 | 2.31231 | 50.74275 |
| 6/22/2009 0:46  | 991800.001 | 69.426 | 0.997 | 2.30307 | 50.33228 |
| 6/22/2009 1:01  | 992700.004 | 69.323 | 1.003 | 2.31693 | 50.94798 |
| 6/22/2009 1:16  | 993600.004 | 69.264 | 1.007 | 2.32617 | 51.35845 |

|                 |             |        |       |         |          |
|-----------------|-------------|--------|-------|---------|----------|
| 6/22/2009 1:31  | 994500.001  | 69.103 | 1.007 | 2.32617 | 51.35845 |
| 6/22/2009 1:46  | 995400.001  | 68.993 | 1.006 | 2.32386 | 51.25583 |
| 6/22/2009 2:01  | 996300.001  | 68.879 | 1.002 | 2.31462 | 50.84536 |
| 6/22/2009 2:16  | 997200.001  | 68.768 | 1.009 | 2.33079 | 51.56368 |
| 6/22/2009 2:31  | 998100.001  | 68.658 | 1.011 | 2.33541 | 51.76892 |
| 6/22/2009 2:46  | 999000.001  | 68.55  | 1.006 | 2.32386 | 51.25583 |
| 6/22/2009 3:01  | 999900.001  | 68.45  | 1.01  | 2.3331  | 51.6663  |
| 6/22/2009 3:16  | 1000800.001 | 68.337 | 1.008 | 2.32848 | 51.46107 |
| 6/22/2009 3:31  | 1001700.001 | 68.216 | 1.013 | 2.34003 | 51.97415 |
| 6/22/2009 3:46  | 1002600.001 | 68.091 | 1.003 | 2.31693 | 50.94798 |
| 6/22/2009 4:01  | 1003500.001 | 67.97  | 1.006 | 2.32386 | 51.25583 |
| 6/22/2009 4:16  | 1004400.001 | 67.854 | 1.011 | 2.33541 | 51.76892 |
| 6/22/2009 4:31  | 1005300.001 | 67.752 | 1.005 | 2.32155 | 51.15322 |
| 6/22/2009 4:46  | 1006200.001 | 67.644 | 1.012 | 2.33772 | 51.87154 |
| 6/22/2009 5:01  | 1007100.001 | 67.564 | 1.013 | 2.34003 | 51.97415 |
| 6/22/2009 5:16  | 1008000.001 | 67.468 | 1.013 | 2.34003 | 51.97415 |
| 6/22/2009 5:31  | 1008900.001 | 67.392 | 1.014 | 2.34234 | 52.07677 |
| 6/22/2009 5:46  | 1009800.001 | 67.31  | 1.01  | 2.3331  | 51.6663  |
| 6/22/2009 6:01  | 1010700.001 | 67.233 | 1.013 | 2.34003 | 51.97415 |
| 6/22/2009 6:16  | 1011600.001 | 67.16  | 1.019 | 2.35389 | 52.58986 |
| 6/22/2009 6:31  | 1012500.001 | 67.086 | 1.017 | 2.34927 | 52.38462 |
| 6/22/2009 6:46  | 1013400.001 | 67.024 | 1.017 | 2.34927 | 52.38462 |
| 6/22/2009 7:01  | 1014300.001 | 66.963 | 1.019 | 2.35389 | 52.58986 |
| 6/22/2009 7:16  | 1015200.001 | 66.916 | 1.014 | 2.34234 | 52.07677 |
| 6/22/2009 7:31  | 1016100.001 | 66.869 | 1.016 | 2.34696 | 52.282   |
| 6/22/2009 7:46  | 1017000.001 | 66.829 | 1.018 | 2.35158 | 52.48724 |
| 6/22/2009 8:01  | 1017900.001 | 66.816 | 1.014 | 2.34234 | 52.07677 |
| 6/22/2009 8:16  | 1018800.001 | 66.801 | 1.022 | 2.36082 | 52.89771 |
| 6/22/2009 8:31  | 1019700.001 | 66.805 | 1.021 | 2.35851 | 52.79509 |
| 6/22/2009 8:46  | 1020600.001 | 66.815 | 1.02  | 2.3562  | 52.69247 |
| 6/22/2009 9:01  | 1021500.001 | 66.847 | 1.02  | 2.3562  | 52.69247 |
| 6/22/2009 9:16  | 1022400.001 | 66.902 | 1.018 | 2.35158 | 52.48724 |
| 6/22/2009 9:31  | 1023300.001 | 66.972 | 1.022 | 2.36082 | 52.89771 |
| 6/22/2009 9:46  | 1024200.001 | 67.05  | 1.023 | 2.36313 | 53.00032 |
| 6/22/2009 10:01 | 1025100.001 | 67.15  | 1.023 | 2.36313 | 53.00032 |
| 6/22/2009 10:16 | 1026000.001 | 67.251 | 1.022 | 2.36082 | 52.89771 |
| 6/22/2009 10:31 | 1026900.001 | 67.367 | 1.02  | 2.3562  | 52.69247 |
| 6/22/2009 10:46 | 1027800.001 | 67.494 | 1.025 | 2.36775 | 53.20556 |
| 6/22/2009 11:01 | 1028700.001 | 67.627 | 1.021 | 2.35851 | 52.79509 |
| 6/22/2009 11:16 | 1029600.001 | 67.767 | 1.025 | 2.36775 | 53.20556 |
| 6/22/2009 11:31 | 1030500.001 | 67.916 | 1.03  | 2.3793  | 53.71864 |
| 6/22/2009 11:46 | 1031400.001 | 68.058 | 1.023 | 2.36313 | 53.00032 |
| 6/22/2009 12:01 | 1032300.001 | 68.213 | 1.025 | 2.36775 | 53.20556 |
| 6/22/2009 12:16 | 1033200.001 | 68.372 | 1.024 | 2.36544 | 53.10294 |
| 6/22/2009 12:31 | 1034100.001 | 68.52  | 1.023 | 2.36313 | 53.00032 |
| 6/22/2009 12:46 | 1035000.001 | 68.689 | 1.024 | 2.36544 | 53.10294 |
| 6/22/2009 13:01 | 1035900.004 | 68.842 | 1.023 | 2.36313 | 53.00032 |
| 6/22/2009 13:16 | 1036800.007 | 68.99  | 1.03  | 2.3793  | 53.71864 |
| 6/22/2009 13:31 | 1037700.004 | 69.176 | 1.026 | 2.37006 | 53.30818 |
| 6/22/2009 13:46 | 1038600.001 | 69.283 | 1.024 | 2.36544 | 53.10294 |
| 6/22/2009 14:01 | 1039500.001 | 69.419 | 1.028 | 2.37468 | 53.51341 |
| 6/22/2009 14:16 | 1040400.001 | 69.544 | 1.023 | 2.36313 | 53.00032 |

|                 |             |        |       |         |          |
|-----------------|-------------|--------|-------|---------|----------|
| 6/22/2009 14:31 | 1041300.001 | 69.662 | 1.026 | 2.37006 | 53.30818 |
| 6/22/2009 14:46 | 1042200.001 | 69.779 | 1.027 | 2.37237 | 53.41079 |
| 6/22/2009 15:01 | 1043100.001 | 69.888 | 1.023 | 2.36313 | 53.00032 |
| 6/22/2009 15:16 | 1044000.001 | 69.993 | 1.028 | 2.37468 | 53.51341 |
| 6/22/2009 15:31 | 1044900.001 | 70.085 | 1.028 | 2.37468 | 53.51341 |
| 6/22/2009 15:46 | 1045800.001 | 70.178 | 1.027 | 2.37237 | 53.41079 |
| 6/22/2009 16:01 | 1046700.001 | 70.272 | 1.023 | 2.36313 | 53.00032 |
| 6/22/2009 16:16 | 1047600.001 | 70.346 | 1.031 | 2.38161 | 53.82126 |
| 6/22/2009 16:31 | 1048500.001 | 70.405 | 1.03  | 2.3793  | 53.71864 |
| 6/22/2009 16:46 | 1049400.001 | 70.457 | 1.025 | 2.36775 | 53.20556 |
| 6/22/2009 17:01 | 1050300.001 | 70.499 | 1.024 | 2.36544 | 53.10294 |
| 6/22/2009 17:16 | 1051200.001 | 70.534 | 1.03  | 2.3793  | 53.71864 |
| 6/22/2009 17:31 | 1052100.001 | 70.557 | 1.029 | 2.37699 | 53.61603 |
| 6/22/2009 17:46 | 1053000.001 | 70.581 | 1.026 | 2.37006 | 53.30818 |
| 6/22/2009 18:01 | 1053900.001 | 70.588 | 1.025 | 2.36775 | 53.20556 |
| 6/22/2009 18:16 | 1054800.001 | 70.592 | 1.033 | 2.38623 | 54.0265  |
| 6/22/2009 18:31 | 1055700.001 | 70.579 | 1.033 | 2.38623 | 54.0265  |
| 6/22/2009 18:46 | 1056600.001 | 70.575 | 1.032 | 2.38392 | 53.92388 |
| 6/22/2009 19:01 | 1057500.001 | 70.561 | 1.028 | 2.37468 | 53.51341 |
| 6/22/2009 19:16 | 1058400.001 | 70.544 | 1.029 | 2.37699 | 53.61603 |
| 6/22/2009 19:31 | 1059300.001 | 70.529 | 1.031 | 2.38161 | 53.82126 |
| 6/22/2009 19:46 | 1060200.001 | 70.506 | 1.033 | 2.38623 | 54.0265  |
| 6/22/2009 20:01 | 1061100.001 | 70.478 | 1.028 | 2.37468 | 53.51341 |
| 6/22/2009 20:16 | 1062000.001 | 70.445 | 1.03  | 2.3793  | 53.71864 |
| 6/22/2009 20:31 | 1062900.001 | 70.411 | 1.039 | 2.40009 | 54.6422  |
| 6/22/2009 20:46 | 1063800.001 | 70.368 | 1.034 | 2.38854 | 54.12911 |
| 6/22/2009 21:01 | 1064700.001 | 70.323 | 1.034 | 2.38854 | 54.12911 |
| 6/22/2009 21:16 | 1065600.001 | 70.269 | 1.039 | 2.40009 | 54.6422  |
| 6/22/2009 21:31 | 1066500.001 | 70.218 | 1.035 | 2.39085 | 54.23173 |
| 6/22/2009 21:46 | 1067400.001 | 70.163 | 1.035 | 2.39085 | 54.23173 |
| 6/22/2009 22:01 | 1068300.004 | 70.112 | 1.03  | 2.3793  | 53.71864 |
| 6/22/2009 22:16 | 1069200.007 | 70.046 | 1.043 | 2.40933 | 55.05267 |
| 6/22/2009 22:31 | 1070100.004 | 70.039 | 1.04  | 2.4024  | 54.74482 |
| 6/22/2009 22:46 | 1071000.004 | 69.917 | 1.042 | 2.40702 | 54.95005 |
| 6/22/2009 23:01 | 1071900.004 | 69.89  | 1.034 | 2.38854 | 54.12911 |
| 6/22/2009 23:16 | 1072800.001 | 69.758 | 1.041 | 2.40471 | 54.84743 |
| 6/22/2009 23:31 | 1073700.001 | 69.68  | 1.042 | 2.40702 | 54.95005 |
| 6/22/2009 23:46 | 1074600.004 | 69.587 | 1.033 | 2.38623 | 54.0265  |
| 6/23/2009 0:01  | 1075500.004 | 69.542 | 1.043 | 2.40933 | 55.05267 |
| 6/23/2009 0:16  | 1076400.001 | 69.387 | 1.034 | 2.38854 | 54.12911 |
| 6/23/2009 0:31  | 1077300.001 | 69.271 | 1.038 | 2.39778 | 54.53958 |
| 6/23/2009 0:46  | 1078200.004 | 69.157 | 1.037 | 2.39547 | 54.43696 |
| 6/23/2009 1:01  | 1079100.004 | 69.091 | 1.042 | 2.40702 | 54.95005 |
| 6/23/2009 1:16  | 1080000.001 | 68.921 | 1.039 | 2.40009 | 54.6422  |
| 6/23/2009 1:31  | 1080900.001 | 68.8   | 1.04  | 2.4024  | 54.74482 |
| 6/23/2009 1:46  | 1081800.001 | 68.688 | 1.045 | 2.41395 | 55.2579  |
| 6/23/2009 2:01  | 1082700.001 | 68.574 | 1.042 | 2.40702 | 54.95005 |
| 6/23/2009 2:16  | 1083600.001 | 68.462 | 1.045 | 2.41395 | 55.2579  |
| 6/23/2009 2:31  | 1084500.001 | 68.337 | 1.033 | 2.38623 | 54.0265  |
| 6/23/2009 2:46  | 1085400.001 | 68.227 | 1.044 | 2.41164 | 55.15528 |
| 6/23/2009 3:01  | 1086300.001 | 68.123 | 1.042 | 2.40702 | 54.95005 |
| 6/23/2009 3:16  | 1087200.001 | 68.018 | 1.044 | 2.41164 | 55.15528 |

|                 |             |        |       |         |          |
|-----------------|-------------|--------|-------|---------|----------|
| 6/23/2009 3:31  | 1088100.001 | 67.909 | 1.047 | 2.41857 | 55.46314 |
| 6/23/2009 3:46  | 1089000.001 | 67.808 | 1.05  | 2.4255  | 55.77099 |
| 6/23/2009 4:01  | 1089900.001 | 67.699 | 1.048 | 2.42088 | 55.56575 |
| 6/23/2009 4:16  | 1090800.001 | 67.603 | 1.049 | 2.42319 | 55.66837 |
| 6/23/2009 4:31  | 1091700.001 | 67.504 | 1.046 | 2.41626 | 55.36052 |
| 6/23/2009 4:46  | 1092600.001 | 67.401 | 1.048 | 2.42088 | 55.56575 |
| 6/23/2009 5:01  | 1093500.001 | 67.306 | 1.051 | 2.42781 | 55.8736  |
| 6/23/2009 5:16  | 1094400.001 | 67.199 | 1.051 | 2.42781 | 55.8736  |
| 6/23/2009 5:31  | 1095300.001 | 67.1   | 1.05  | 2.4255  | 55.77099 |
| 6/23/2009 5:46  | 1096200.001 | 67.018 | 1.049 | 2.42319 | 55.66837 |
| 6/23/2009 6:01  | 1097100.001 | 66.929 | 1.047 | 2.41857 | 55.46314 |
| 6/23/2009 6:16  | 1098000.001 | 66.84  | 1.046 | 2.41626 | 55.36052 |
| 6/23/2009 6:31  | 1098900.001 | 66.761 | 1.051 | 2.42781 | 55.8736  |
| 6/23/2009 6:46  | 1099800.004 | 66.687 | 1.056 | 2.43936 | 56.38669 |
| 6/23/2009 7:01  | 1100700.007 | 66.631 | 1.057 | 2.44167 | 56.48931 |
| 6/23/2009 7:16  | 1101600.001 | 66.585 | 1.05  | 2.4255  | 55.77099 |
| 6/23/2009 7:31  | 1102500.001 | 66.564 | 1.052 | 2.43012 | 55.97622 |
| 6/23/2009 7:46  | 1103400.001 | 66.564 | 1.053 | 2.43243 | 56.07884 |
| 6/23/2009 8:01  | 1104300.001 | 66.582 | 1.05  | 2.4255  | 55.77099 |
| 6/23/2009 8:16  | 1105200.001 | 66.612 | 1.054 | 2.43474 | 56.18146 |
| 6/23/2009 8:31  | 1106100.001 | 66.663 | 1.049 | 2.42319 | 55.66837 |
| 6/23/2009 8:46  | 1107000.001 | 66.717 | 1.052 | 2.43012 | 55.97622 |
| 6/23/2009 9:01  | 1107900.001 | 66.772 | 1.053 | 2.43243 | 56.07884 |
| 6/23/2009 9:16  | 1108800.001 | 66.857 | 1.054 | 2.43474 | 56.18146 |
| 6/23/2009 9:31  | 1109700.001 | 66.955 | 1.06  | 2.4486  | 56.79716 |
| 6/23/2009 9:46  | 1110600.001 | 67.057 | 1.057 | 2.44167 | 56.48931 |
| 6/23/2009 10:01 | 1111500.001 | 67.164 | 1.054 | 2.43474 | 56.18146 |
| 6/23/2009 10:16 | 1112400.001 | 67.286 | 1.055 | 2.43705 | 56.28407 |
| 6/23/2009 10:31 | 1113300.001 | 67.41  | 1.051 | 2.42781 | 55.8736  |
| 6/23/2009 10:46 | 1114200.001 | 67.534 | 1.063 | 2.45553 | 57.10501 |
| 6/23/2009 11:01 | 1115100.001 | 67.676 | 1.053 | 2.43243 | 56.07884 |
| 6/23/2009 11:16 | 1116000.001 | 67.827 | 1.054 | 2.43474 | 56.18146 |
| 6/23/2009 11:31 | 1116900.001 | 67.975 | 1.056 | 2.43936 | 56.38669 |
| 6/23/2009 11:46 | 1117800.001 | 68.129 | 1.061 | 2.45091 | 56.89977 |
| 6/23/2009 12:01 | 1118700.001 | 68.286 | 1.054 | 2.43474 | 56.18146 |
| 6/23/2009 12:16 | 1119600.001 | 68.454 | 1.055 | 2.43705 | 56.28407 |
| 6/23/2009 12:31 | 1120500.001 | 68.627 | 1.058 | 2.44398 | 56.59192 |
| 6/23/2009 12:46 | 1121400.001 | 68.793 | 1.055 | 2.43705 | 56.28407 |
| 6/23/2009 13:01 | 1122300.001 | 68.953 | 1.056 | 2.43936 | 56.38669 |
| 6/23/2009 13:16 | 1123200.001 | 69.115 | 1.064 | 2.45784 | 57.20763 |
| 6/23/2009 13:31 | 1124100.001 | 69.263 | 1.055 | 2.43705 | 56.28407 |
| 6/23/2009 13:46 | 1125000.001 | 69.41  | 1.058 | 2.44398 | 56.59192 |
| 6/23/2009 14:01 | 1125900.001 | 69.543 | 1.058 | 2.44398 | 56.59192 |
| 6/23/2009 14:16 | 1126800.001 | 69.685 | 1.051 | 2.42781 | 55.8736  |
| 6/23/2009 14:31 | 1127700.001 | 69.807 | 1.05  | 2.4255  | 55.77099 |
| 6/23/2009 14:46 | 1128600.001 | 69.926 | 1.055 | 2.43705 | 56.28407 |
| 6/23/2009 15:01 | 1129500.001 | 70.033 | 1.056 | 2.43936 | 56.38669 |
| 6/23/2009 15:16 | 1130400.001 | 70.131 | 1.054 | 2.43474 | 56.18146 |
| 6/23/2009 15:31 | 1131300.001 | 70.227 | 1.059 | 2.44629 | 56.69454 |
| 6/23/2009 15:46 | 1132200.001 | 70.308 | 1.057 | 2.44167 | 56.48931 |
| 6/23/2009 16:01 | 1133100.001 | 70.379 | 1.062 | 2.45322 | 57.00239 |
| 6/23/2009 16:16 | 1134000.001 | 70.449 | 1.06  | 2.4486  | 56.79716 |

|                 |             |        |       |         |          |
|-----------------|-------------|--------|-------|---------|----------|
| 6/23/2009 16:31 | 1134900.001 | 70.51  | 1.06  | 2.4486  | 56.79716 |
| 6/23/2009 16:46 | 1135800.001 | 70.555 | 1.055 | 2.43705 | 56.28407 |
| 6/23/2009 17:01 | 1136700.001 | 70.597 | 1.056 | 2.43936 | 56.38669 |
| 6/23/2009 17:16 | 1137600.001 | 70.631 | 1.051 | 2.42781 | 55.8736  |
| 6/23/2009 17:31 | 1138500.001 | 70.655 | 1.059 | 2.44629 | 56.69454 |
| 6/23/2009 17:46 | 1139400.001 | 70.666 | 1.063 | 2.45553 | 57.10501 |
| 6/23/2009 18:01 | 1140300.001 | 70.674 | 1.061 | 2.45091 | 56.89977 |
| 6/23/2009 18:16 | 1141200.001 | 70.669 | 1.055 | 2.43705 | 56.28407 |
| 6/23/2009 18:31 | 1142100.001 | 70.658 | 1.06  | 2.4486  | 56.79716 |
| 6/23/2009 18:46 | 1143000.001 | 70.648 | 1.056 | 2.43936 | 56.38669 |
| 6/23/2009 19:01 | 1143900.001 | 70.633 | 1.054 | 2.43474 | 56.18146 |
| 6/23/2009 19:16 | 1144800.001 | 70.615 | 1.056 | 2.43936 | 56.38669 |
| 6/23/2009 19:31 | 1145700.001 | 70.607 | 1.056 | 2.43936 | 56.38669 |
| 6/23/2009 19:46 | 1146600.001 | 70.592 | 1.055 | 2.43705 | 56.28407 |
| 6/23/2009 20:01 | 1147500.001 | 70.578 | 1.057 | 2.44167 | 56.48931 |
| 6/23/2009 20:16 | 1148400.001 | 70.551 | 1.063 | 2.45553 | 57.10501 |
| 6/23/2009 20:31 | 1149300.001 | 70.54  | 1.057 | 2.44167 | 56.48931 |
| 6/23/2009 20:46 | 1150200.001 | 70.505 | 1.058 | 2.44398 | 56.59192 |
| 6/23/2009 21:01 | 1151100.001 | 70.479 | 1.059 | 2.44629 | 56.69454 |
| 6/23/2009 21:16 | 1152000.001 | 70.455 | 1.054 | 2.43474 | 56.18146 |
| 6/23/2009 21:31 | 1152900.001 | 70.433 | 1.059 | 2.44629 | 56.69454 |
| 6/23/2009 21:46 | 1153800.001 | 70.405 | 1.063 | 2.45553 | 57.10501 |
| 6/23/2009 22:01 | 1154700.004 | 70.367 | 1.062 | 2.45322 | 57.00239 |
| 6/23/2009 22:16 | 1155600.007 | 70.325 | 1.057 | 2.44167 | 56.48931 |
| 6/23/2009 22:31 | 1156500.004 | 70.322 | 1.061 | 2.45091 | 56.89977 |
| 6/23/2009 22:46 | 1157400.001 | 70.211 | 1.062 | 2.45322 | 57.00239 |
| 6/23/2009 23:01 | 1158300.001 | 70.148 | 1.059 | 2.44629 | 56.69454 |
| 6/23/2009 23:16 | 1159200.001 | 70.084 | 1.06  | 2.4486  | 56.79716 |
| 6/23/2009 23:31 | 1160100.001 | 70.009 | 1.056 | 2.43936 | 56.38669 |
| 6/23/2009 23:46 | 1161000.001 | 69.926 | 1.061 | 2.45091 | 56.89977 |
| 6/24/2009 0:01  | 1161900.001 | 69.843 | 1.064 | 2.45784 | 57.20763 |
| 6/24/2009 0:16  | 1162800.001 | 69.753 | 1.062 | 2.45322 | 57.00239 |
| 6/24/2009 0:31  | 1163700.001 | 69.659 | 1.065 | 2.46015 | 57.31024 |
| 6/24/2009 0:46  | 1164600.001 | 69.555 | 1.058 | 2.44398 | 56.59192 |
| 6/24/2009 1:01  | 1165500.001 | 69.44  | 1.061 | 2.45091 | 56.89977 |
| 6/24/2009 1:16  | 1166400.001 | 69.323 | 1.063 | 2.45553 | 57.10501 |
| 6/24/2009 1:31  | 1167300.001 | 69.215 | 1.06  | 2.4486  | 56.79716 |
| 6/24/2009 1:46  | 1168200.001 | 69.094 | 1.06  | 2.4486  | 56.79716 |
| 6/24/2009 2:01  | 1169100.001 | 68.982 | 1.063 | 2.45553 | 57.10501 |
| 6/24/2009 2:16  | 1170000.001 | 68.87  | 1.06  | 2.4486  | 56.79716 |
| 6/24/2009 2:31  | 1170900.001 | 68.745 | 1.065 | 2.46015 | 57.31024 |
| 6/24/2009 2:46  | 1171800.001 | 68.632 | 1.068 | 2.46708 | 57.61809 |
| 6/24/2009 3:01  | 1172700.001 | 68.512 | 1.062 | 2.45322 | 57.00239 |
| 6/24/2009 3:16  | 1173600.001 | 68.388 | 1.062 | 2.45322 | 57.00239 |
| 6/24/2009 3:31  | 1174500.001 | 68.27  | 1.067 | 2.46477 | 57.51548 |
| 6/24/2009 3:46  | 1175400.001 | 68.153 | 1.059 | 2.44629 | 56.69454 |
| 6/24/2009 4:01  | 1176300.001 | 68.05  | 1.062 | 2.45322 | 57.00239 |
| 6/24/2009 4:16  | 1177200.001 | 67.937 | 1.059 | 2.44629 | 56.69454 |
| 6/24/2009 4:31  | 1178100.001 | 67.837 | 1.064 | 2.45784 | 57.20763 |
| 6/24/2009 4:46  | 1179000.001 | 67.725 | 1.066 | 2.46246 | 57.41286 |
| 6/24/2009 5:01  | 1179900.001 | 67.608 | 1.065 | 2.46015 | 57.31024 |
| 6/24/2009 5:16  | 1180800.001 | 67.504 | 1.068 | 2.46708 | 57.61809 |

|                 |             |        |       |         |          |
|-----------------|-------------|--------|-------|---------|----------|
| 6/24/2009 5:31  | 1181700.001 | 67.394 | 1.057 | 2.44167 | 56.48931 |
| 6/24/2009 5:46  | 1182600.001 | 67.3   | 1.067 | 2.46477 | 57.51548 |
| 6/24/2009 6:01  | 1183500.001 | 67.211 | 1.07  | 2.4717  | 57.82333 |
| 6/24/2009 6:16  | 1184400.001 | 67.117 | 1.066 | 2.46246 | 57.41286 |
| 6/24/2009 6:31  | 1185300.001 | 67.024 | 1.067 | 2.46477 | 57.51548 |
| 6/24/2009 6:46  | 1186200.001 | 66.948 | 1.059 | 2.44629 | 56.69454 |
| 6/24/2009 7:01  | 1187100.001 | 66.888 | 1.067 | 2.46477 | 57.51548 |
| 6/24/2009 7:16  | 1188000.001 | 66.848 | 1.066 | 2.46246 | 57.41286 |
| 6/24/2009 7:31  | 1188900.001 | 66.835 | 1.068 | 2.46708 | 57.61809 |
| 6/24/2009 7:46  | 1189800.001 | 66.838 | 1.072 | 2.47632 | 58.02856 |
| 6/24/2009 8:01  | 1190700.001 | 66.859 | 1.073 | 2.47863 | 58.13118 |
| 6/24/2009 8:16  | 1191600.001 | 66.892 | 1.062 | 2.45322 | 57.00239 |
| 6/24/2009 8:31  | 1192500.001 | 66.948 | 1.071 | 2.47401 | 57.92595 |
| 6/24/2009 8:46  | 1193400.001 | 66.993 | 1.065 | 2.46015 | 57.31024 |
| 6/24/2009 9:01  | 1194300.001 | 67.061 | 1.067 | 2.46477 | 57.51548 |
| 6/24/2009 9:16  | 1195200.001 | 67.152 | 1.068 | 2.46708 | 57.61809 |
| 6/24/2009 9:31  | 1196100.001 | 67.246 | 1.07  | 2.4717  | 57.82333 |
| 6/24/2009 9:46  | 1197000.001 | 67.352 | 1.07  | 2.4717  | 57.82333 |
| 6/24/2009 10:01 | 1197900.001 | 67.462 | 1.064 | 2.45784 | 57.20763 |
| 6/24/2009 10:16 | 1198800.001 | 67.581 | 1.068 | 2.46708 | 57.61809 |
| 6/24/2009 10:31 | 1199700.001 | 67.706 | 1.067 | 2.46477 | 57.51548 |
| 6/24/2009 10:46 | 1200600.001 | 67.848 | 1.067 | 2.46477 | 57.51548 |
| 6/24/2009 11:01 | 1201500.004 | 67.986 | 1.07  | 2.4717  | 57.82333 |
| 6/24/2009 11:16 | 1202400.007 | 68.136 | 1.07  | 2.4717  | 57.82333 |
| 6/24/2009 11:31 | 1203300.004 | 68.331 | 1.065 | 2.46015 | 57.31024 |
| 6/24/2009 11:46 | 1204200.001 | 68.435 | 1.068 | 2.46708 | 57.61809 |
| 6/24/2009 12:01 | 1205100.001 | 68.587 | 1.065 | 2.46015 | 57.31024 |
| 6/24/2009 12:16 | 1206000.001 | 68.729 | 1.07  | 2.4717  | 57.82333 |
| 6/24/2009 12:31 | 1206900.001 | 68.88  | 1.062 | 2.45322 | 57.00239 |
| 6/24/2009 12:46 | 1207800.001 | 69.024 | 1.064 | 2.45784 | 57.20763 |
| 6/24/2009 13:01 | 1208700.001 | 69.17  | 1.069 | 2.46939 | 57.72071 |
| 6/24/2009 13:16 | 1209600.001 | 69.313 | 1.066 | 2.46246 | 57.41286 |
| 6/24/2009 13:31 | 1210500.001 | 69.456 | 1.064 | 2.45784 | 57.20763 |
| 6/24/2009 13:46 | 1211400.001 | 69.593 | 1.063 | 2.45553 | 57.10501 |
| 6/24/2009 14:01 | 1212300.001 | 69.73  | 1.061 | 2.45091 | 56.89977 |
| 6/24/2009 14:16 | 1213200.001 | 69.855 | 1.067 | 2.46477 | 57.51548 |
| 6/24/2009 14:31 | 1214100.001 | 69.973 | 1.063 | 2.45553 | 57.10501 |
| 6/24/2009 14:46 | 1215000.001 | 70.082 | 1.067 | 2.46477 | 57.51548 |
| 6/24/2009 15:01 | 1215900.001 | 70.173 | 1.065 | 2.46015 | 57.31024 |
| 6/24/2009 15:16 | 1216800.001 | 70.267 | 1.061 | 2.45091 | 56.89977 |
| 6/24/2009 15:31 | 1217700.001 | 70.341 | 1.063 | 2.45553 | 57.10501 |
| 6/24/2009 15:46 | 1218600.001 | 70.401 | 1.069 | 2.46939 | 57.72071 |
| 6/24/2009 16:01 | 1219500.001 | 70.475 | 1.063 | 2.45553 | 57.10501 |
| 6/24/2009 16:16 | 1220400.001 | 70.532 | 1.062 | 2.45322 | 57.00239 |
| 6/24/2009 16:31 | 1221300.001 | 70.575 | 1.062 | 2.45322 | 57.00239 |
| 6/24/2009 16:46 | 1222200.001 | 70.609 | 1.059 | 2.44629 | 56.69454 |
| 6/24/2009 17:01 | 1223100.001 | 70.627 | 1.06  | 2.4486  | 56.79716 |
| 6/24/2009 17:16 | 1224000.001 | 70.641 | 1.064 | 2.45784 | 57.20763 |
| 6/24/2009 17:31 | 1224900.001 | 70.651 | 1.06  | 2.4486  | 56.79716 |
| 6/24/2009 17:46 | 1225800.001 | 70.641 | 1.066 | 2.46246 | 57.41286 |
| 6/24/2009 18:01 | 1226700.001 | 70.631 | 1.065 | 2.46015 | 57.31024 |
| 6/24/2009 18:16 | 1227600.001 | 70.619 | 1.066 | 2.46246 | 57.41286 |

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|-----------------|-------------|--------|-------|---------|----------|
| 6/24/2009 18:31 | 1228500.001 | 70.589 | 1.061 | 2.45091 | 56.89977 |
| 6/24/2009 18:46 | 1229400.001 | 70.556 | 1.06  | 2.4486  | 56.79716 |
| 6/24/2009 19:01 | 1230300.001 | 70.527 | 1.059 | 2.44629 | 56.69454 |
| 6/24/2009 19:16 | 1231200.001 | 70.49  | 1.063 | 2.45553 | 57.10501 |
| 6/24/2009 19:31 | 1232100.001 | 70.454 | 1.06  | 2.4486  | 56.79716 |
| 6/24/2009 19:46 | 1233000.001 | 70.42  | 1.065 | 2.46015 | 57.31024 |
| 6/24/2009 20:01 | 1233900.001 | 70.398 | 1.061 | 2.45091 | 56.89977 |
| 6/24/2009 20:16 | 1234800.001 | 70.361 | 1.062 | 2.45322 | 57.00239 |
| 6/24/2009 20:31 | 1235700.001 | 70.331 | 1.064 | 2.45784 | 57.20763 |
| 6/24/2009 20:46 | 1236600.001 | 70.29  | 1.059 | 2.44629 | 56.69454 |
| 6/24/2009 21:01 | 1237500.001 | 70.24  | 1.065 | 2.46015 | 57.31024 |
| 6/24/2009 21:16 | 1238400.001 | 70.191 | 1.062 | 2.45322 | 57.00239 |
| 6/24/2009 21:31 | 1239300.001 | 70.144 | 1.06  | 2.4486  | 56.79716 |
| 6/24/2009 21:46 | 1240200.001 | 70.086 | 1.065 | 2.46015 | 57.31024 |
| 6/24/2009 22:01 | 1241100.001 | 70.027 | 1.064 | 2.45784 | 57.20763 |
| 6/24/2009 22:16 | 1242000.001 | 69.962 | 1.06  | 2.4486  | 56.79716 |
| 6/24/2009 22:31 | 1242900.001 | 69.88  | 1.064 | 2.45784 | 57.20763 |
| 6/24/2009 22:46 | 1243800.001 | 69.8   | 1.06  | 2.4486  | 56.79716 |
| 6/24/2009 23:01 | 1244700.004 | 69.719 | 1.06  | 2.4486  | 56.79716 |
| 6/24/2009 23:16 | 1245600.004 | 69.669 | 1.061 | 2.45091 | 56.89977 |
| 6/24/2009 23:31 | 1246500.008 | 69.579 | 1.067 | 2.46477 | 57.51548 |
| 6/24/2009 23:46 | 1247400.004 | 69.43  | 1.059 | 2.44629 | 56.69454 |
| 6/25/2009 0:01  | 1248300.007 | 69.332 | 1.065 | 2.46015 | 57.31024 |
| 6/25/2009 0:16  | 1249200.001 | 69.226 | 1.067 | 2.46477 | 57.51548 |
| 6/25/2009 0:31  | 1250100.001 | 69.115 | 1.066 | 2.46246 | 57.41286 |
| 6/25/2009 0:46  | 1251000.001 | 68.999 | 1.063 | 2.45553 | 57.10501 |
| 6/25/2009 1:01  | 1251900.004 | 68.876 | 1.063 | 2.45553 | 57.10501 |
| 6/25/2009 1:16  | 1252800.007 | 68.769 | 1.069 | 2.46939 | 57.72071 |
| 6/25/2009 1:31  | 1253700.004 | 68.699 | 1.064 | 2.45784 | 57.20763 |
| 6/25/2009 1:46  | 1254600.001 | 68.547 | 1.062 | 2.45322 | 57.00239 |
| 6/25/2009 2:01  | 1255500.001 | 68.441 | 1.067 | 2.46477 | 57.51548 |
| 6/25/2009 2:16  | 1256400.001 | 68.335 | 1.066 | 2.46246 | 57.41286 |
| 6/25/2009 2:31  | 1257300.001 | 68.24  | 1.068 | 2.46708 | 57.61809 |
| 6/25/2009 2:46  | 1258200.001 | 68.15  | 1.067 | 2.46477 | 57.51548 |
| 6/25/2009 3:01  | 1259100.001 | 68.057 | 1.065 | 2.46015 | 57.31024 |
| 6/25/2009 3:16  | 1260000.001 | 67.973 | 1.066 | 2.46246 | 57.41286 |
| 6/25/2009 3:31  | 1260900.001 | 67.895 | 1.069 | 2.46939 | 57.72071 |
| 6/25/2009 3:46  | 1261800.001 | 67.806 | 1.06  | 2.4486  | 56.79716 |
| 6/25/2009 4:01  | 1262700.001 | 67.725 | 1.069 | 2.46939 | 57.72071 |
| 6/25/2009 4:16  | 1263600.001 | 67.637 | 1.069 | 2.46939 | 57.72071 |
| 6/25/2009 4:31  | 1264500.001 | 67.552 | 1.071 | 2.47401 | 57.92595 |
| 6/25/2009 4:46  | 1265400.001 | 67.459 | 1.068 | 2.46708 | 57.61809 |
| 6/25/2009 5:01  | 1266300.001 | 67.374 | 1.066 | 2.46246 | 57.41286 |
| 6/25/2009 5:16  | 1267200.001 | 67.287 | 1.07  | 2.4717  | 57.82333 |
| 6/25/2009 5:31  | 1268100.001 | 67.209 | 1.068 | 2.46708 | 57.61809 |
| 6/25/2009 5:46  | 1269000.001 | 67.128 | 1.068 | 2.46708 | 57.61809 |
| 6/25/2009 6:01  | 1269900.004 | 67.049 | 1.07  | 2.4717  | 57.82333 |
| 6/25/2009 6:16  | 1270800.004 | 67.024 | 1.071 | 2.47401 | 57.92595 |
| 6/25/2009 6:31  | 1271700.008 | 66.955 | 1.068 | 2.46708 | 57.61809 |
| 6/25/2009 6:46  | 1272600.001 | 66.849 | 1.069 | 2.46939 | 57.72071 |
| 6/25/2009 7:01  | 1273500.001 | 66.806 | 1.071 | 2.47401 | 57.92595 |
| 6/25/2009 7:16  | 1274400.001 | 66.772 | 1.066 | 2.46246 | 57.41286 |



|                 |             |        |       |         |          |
|-----------------|-------------|--------|-------|---------|----------|
| 6/25/2009 7:31  | 1275300.001 | 66.764 | 1.071 | 2.47401 | 57.92595 |
| 6/25/2009 7:46  | 1276200.001 | 66.768 | 1.07  | 2.4717  | 57.82333 |
| 6/25/2009 8:01  | 1277100.001 | 66.791 | 1.07  | 2.4717  | 57.82333 |
| 6/25/2009 8:16  | 1278000.001 | 66.832 | 1.066 | 2.46246 | 57.41286 |
| 6/25/2009 8:31  | 1278900.001 | 66.894 | 1.071 | 2.47401 | 57.92595 |
| 6/25/2009 8:46  | 1279800.001 | 66.953 | 1.074 | 2.48094 | 58.2338  |
| 6/25/2009 9:01  | 1280700.001 | 67.031 | 1.072 | 2.47632 | 58.02856 |
| 6/25/2009 9:16  | 1281600.001 | 67.134 | 1.072 | 2.47632 | 58.02856 |
| 6/25/2009 9:31  | 1282500.001 | 67.238 | 1.069 | 2.46939 | 57.72071 |
| 6/25/2009 9:46  | 1283400.001 | 67.343 | 1.065 | 2.46015 | 57.31024 |
| 6/25/2009 10:01 | 1284300.001 | 67.451 | 1.068 | 2.46708 | 57.61809 |
| 6/25/2009 10:16 | 1285200.001 | 67.576 | 1.071 | 2.47401 | 57.92595 |
| 6/25/2009 10:31 | 1286100.001 | 67.69  | 1.071 | 2.47401 | 57.92595 |
| 6/25/2009 10:46 | 1287000.001 | 67.818 | 1.069 | 2.46939 | 57.72071 |
| 6/25/2009 11:01 | 1287900.001 | 67.95  | 1.068 | 2.46708 | 57.61809 |
| 6/25/2009 11:16 | 1288800.001 | 68.08  | 1.067 | 2.46477 | 57.51548 |
| 6/25/2009 11:31 | 1289700.001 | 68.215 | 1.072 | 2.47632 | 58.02856 |
| 6/25/2009 11:46 | 1290600.001 | 68.352 | 1.067 | 2.46477 | 57.51548 |
| 6/25/2009 12:01 | 1291500.001 | 68.491 | 1.071 | 2.47401 | 57.92595 |
| 6/25/2009 12:16 | 1292400.001 | 68.63  | 1.065 | 2.46015 | 57.31024 |
| 6/25/2009 12:31 | 1293300.001 | 68.771 | 1.068 | 2.46708 | 57.61809 |
| 6/25/2009 12:46 | 1294200.001 | 68.907 | 1.067 | 2.46477 | 57.51548 |
| 6/25/2009 13:01 | 1295100.001 | 69.046 | 1.07  | 2.4717  | 57.82333 |
| 6/25/2009 13:16 | 1296000.001 | 69.179 | 1.08  | 2.4948  | 58.8495  |
| 6/25/2009 13:31 | 1296900.001 | 69.301 | 1.064 | 2.45784 | 57.20763 |
| 6/25/2009 13:46 | 1297800.001 | 69.424 | 1.072 | 2.47632 | 58.02856 |
| 6/25/2009 14:01 | 1298700.001 | 69.533 | 1.072 | 2.47632 | 58.02856 |
| 6/25/2009 14:16 | 1299600.001 | 69.641 | 1.073 | 2.47863 | 58.13118 |
| 6/25/2009 14:31 | 1300500.001 | 69.75  | 1.067 | 2.46477 | 57.51548 |
| 6/25/2009 14:46 | 1301400.001 | 69.832 | 1.069 | 2.46939 | 57.72071 |
| 6/25/2009 15:01 | 1302300.001 | 69.917 | 1.071 | 2.47401 | 57.92595 |
| 6/25/2009 15:16 | 1303200.001 | 69.986 | 1.069 | 2.46939 | 57.72071 |
| 6/25/2009 15:31 | 1304100.001 | 70.052 | 1.068 | 2.46708 | 57.61809 |
| 6/25/2009 15:46 | 1305000.001 | 70.114 | 1.069 | 2.46939 | 57.72071 |
| 6/25/2009 16:01 | 1305900.004 | 70.177 | 1.068 | 2.46708 | 57.61809 |
| 6/25/2009 16:16 | 1306800.006 | 70.221 | 1.066 | 2.46246 | 57.41286 |
| 6/25/2009 16:31 | 1307700.004 | 70.308 | 1.067 | 2.46477 | 57.51548 |
| 6/25/2009 16:46 | 1308600.001 | 70.28  | 1.072 | 2.47632 | 58.02856 |
| 6/25/2009 17:01 | 1309500.001 | 70.302 | 1.067 | 2.46477 | 57.51548 |
| 6/25/2009 17:16 | 1310400.001 | 70.314 | 1.066 | 2.46246 | 57.41286 |
| 6/25/2009 17:31 | 1311300.001 | 70.323 | 1.069 | 2.46939 | 57.72071 |
| 6/25/2009 17:46 | 1312200.001 | 70.314 | 1.071 | 2.47401 | 57.92595 |
| 6/25/2009 18:01 | 1313100.001 | 70.305 | 1.064 | 2.45784 | 57.20763 |
| 6/25/2009 18:16 | 1314000.001 | 70.287 | 1.066 | 2.46246 | 57.41286 |
| 6/25/2009 18:31 | 1314900.001 | 70.258 | 1.068 | 2.46708 | 57.61809 |
| 6/25/2009 18:46 | 1315800.001 | 70.219 | 1.063 | 2.45553 | 57.10501 |
| 6/25/2009 19:01 | 1316700.001 | 70.189 | 1.069 | 2.46939 | 57.72071 |
| 6/25/2009 19:16 | 1317600.001 | 70.156 | 1.07  | 2.4717  | 57.82333 |
| 6/25/2009 19:31 | 1318500.001 | 70.135 | 1.066 | 2.46246 | 57.41286 |
| 6/25/2009 19:46 | 1319400.001 | 70.112 | 1.065 | 2.46015 | 57.31024 |
| 6/25/2009 20:01 | 1320300.001 | 70.091 | 1.069 | 2.46939 | 57.72071 |
| 6/25/2009 20:16 | 1321200.001 | 70.051 | 1.068 | 2.46708 | 57.61809 |

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| 6/25/2009 20:31 | 1322100.001 | 70.004 | 1.067 | 2.46477 | 57.51548 |
| 6/25/2009 20:46 | 1323000.001 | 69.959 | 1.069 | 2.46939 | 57.72071 |
| 6/25/2009 21:01 | 1323900.001 | 69.92  | 1.069 | 2.46939 | 57.72071 |
| 6/25/2009 21:16 | 1324800.004 | 69.878 | 1.063 | 2.45553 | 57.10501 |
| 6/25/2009 21:31 | 1325700.004 | 69.833 | 1.069 | 2.46939 | 57.72071 |
| 6/25/2009 21:46 | 1326600.008 | 69.825 | 1.069 | 2.46939 | 57.72071 |
| 6/25/2009 22:01 | 1327500.004 | 69.719 | 1.069 | 2.46939 | 57.72071 |
| 6/25/2009 22:16 | 1328400.008 | 69.713 | 1.073 | 2.47863 | 58.13118 |
| 6/25/2009 22:31 | 1329300.004 | 69.597 | 1.069 | 2.46939 | 57.72071 |
| 6/25/2009 22:46 | 1330200.004 | 69.594 | 1.071 | 2.47401 | 57.92595 |
| 6/25/2009 23:01 | 1331100.001 | 69.482 | 1.07  | 2.4717  | 57.82333 |
| 6/25/2009 23:16 | 1332000.001 | 69.417 | 1.069 | 2.46939 | 57.72071 |
| 6/25/2009 23:31 | 1332900.001 | 69.343 | 1.068 | 2.46708 | 57.61809 |
| 6/25/2009 23:46 | 1333800.001 | 69.266 | 1.064 | 2.45784 | 57.20763 |
| 6/26/2009 0:01  | 1334700.001 | 69.184 | 1.071 | 2.47401 | 57.92595 |
| 6/26/2009 0:16  | 1335600.004 | 69.113 | 1.069 | 2.46939 | 57.72071 |
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| 6/26/2009 0:46  | 1337400.004 | 69.011 | 1.07  | 2.4717  | 57.82333 |
| 6/26/2009 1:01  | 1338300.001 | 68.884 | 1.071 | 2.47401 | 57.92595 |
| 6/26/2009 1:16  | 1339200.001 | 68.818 | 1.076 | 2.48556 | 58.43903 |
| 6/26/2009 1:31  | 1340100.001 | 68.742 | 1.077 | 2.48787 | 58.54165 |
| 6/26/2009 1:46  | 1341000.001 | 68.673 | 1.065 | 2.46015 | 57.31024 |
| 6/26/2009 2:01  | 1341900.001 | 68.613 | 1.072 | 2.47632 | 58.02856 |
| 6/26/2009 2:16  | 1342800.001 | 68.547 | 1.075 | 2.48325 | 58.33641 |
| 6/26/2009 2:31  | 1343700.001 | 68.491 | 1.071 | 2.47401 | 57.92595 |
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| 6/26/2009 3:01  | 1345500.001 | 68.351 | 1.07  | 2.4717  | 57.82333 |
| 6/26/2009 3:16  | 1346400.001 | 68.269 | 1.072 | 2.47632 | 58.02856 |
| 6/26/2009 3:31  | 1347300.001 | 68.193 | 1.077 | 2.48787 | 58.54165 |
| 6/26/2009 3:46  | 1348200.001 | 68.107 | 1.077 | 2.48787 | 58.54165 |
| 6/26/2009 4:01  | 1349100.001 | 68.026 | 1.075 | 2.48325 | 58.33641 |
| 6/26/2009 4:16  | 1350000.001 | 67.956 | 1.077 | 2.48787 | 58.54165 |
| 6/26/2009 4:31  | 1350900.001 | 67.875 | 1.079 | 2.49249 | 58.74688 |
| 6/26/2009 4:46  | 1351800.001 | 67.797 | 1.077 | 2.48787 | 58.54165 |
| 6/26/2009 5:01  | 1352700.001 | 67.713 | 1.075 | 2.48325 | 58.33641 |
| 6/26/2009 5:16  | 1353600.001 | 67.634 | 1.069 | 2.46939 | 57.72071 |
| 6/26/2009 5:31  | 1354500.001 | 67.555 | 1.078 | 2.49018 | 58.64427 |
| 6/26/2009 5:46  | 1355400.001 | 67.48  | 1.079 | 2.49249 | 58.74688 |
| 6/26/2009 6:01  | 1356300.001 | 67.408 | 1.074 | 2.48094 | 58.2338  |
| 6/26/2009 6:16  | 1357200.001 | 67.35  | 1.079 | 2.49249 | 58.74688 |
| 6/26/2009 6:31  | 1358100.001 | 67.293 | 1.08  | 2.4948  | 58.8495  |
| 6/26/2009 6:46  | 1359000.001 | 67.236 | 1.072 | 2.47632 | 58.02856 |
| 6/26/2009 7:01  | 1359900.001 | 67.197 | 1.077 | 2.48787 | 58.54165 |
| 6/26/2009 7:16  | 1360800.001 | 67.177 | 1.078 | 2.49018 | 58.64427 |
| 6/26/2009 7:31  | 1361700.001 | 67.166 | 1.082 | 2.49942 | 59.05473 |
| 6/26/2009 7:46  | 1362600.001 | 67.174 | 1.082 | 2.49942 | 59.05473 |
| 6/26/2009 8:01  | 1363500.001 | 67.193 | 1.079 | 2.49249 | 58.74688 |
| 6/26/2009 8:16  | 1364400.001 | 67.231 | 1.082 | 2.49942 | 59.05473 |
| 6/26/2009 8:31  | 1365300.001 | 67.286 | 1.081 | 2.49711 | 58.95212 |
| 6/26/2009 8:46  | 1366200.001 | 67.336 | 1.078 | 2.49018 | 58.64427 |
| 6/26/2009 9:01  | 1367100.001 | 67.393 | 1.08  | 2.4948  | 58.8495  |
| 6/26/2009 9:16  | 1368000.001 | 67.489 | 1.08  | 2.4948  | 58.8495  |

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| 6/26/2009 9:31  | 1368900.001 | 67.577 | 1.078 | 2.49018 | 58.64427 |
| 6/26/2009 9:46  | 1369800.001 | 67.679 | 1.082 | 2.49942 | 59.05473 |
| 6/26/2009 10:01 | 1370700.001 | 67.779 | 1.083 | 2.50173 | 59.15735 |
| 6/26/2009 10:16 | 1371600.001 | 67.89  | 1.08  | 2.4948  | 58.8495  |
| 6/26/2009 10:31 | 1372500.001 | 68.012 | 1.079 | 2.49249 | 58.74688 |
| 6/26/2009 10:46 | 1373400.001 | 68.132 | 1.083 | 2.50173 | 59.15735 |
| 6/26/2009 11:01 | 1374300.001 | 68.268 | 1.082 | 2.49942 | 59.05473 |
| 6/26/2009 11:16 | 1375200.001 | 68.407 | 1.078 | 2.49018 | 58.64427 |
| 6/26/2009 11:31 | 1376100.001 | 68.548 | 1.077 | 2.48787 | 58.54165 |
| 6/26/2009 11:46 | 1377000.001 | 68.695 | 1.082 | 2.49942 | 59.05473 |
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| 6/26/2009 12:31 | 1379700.001 | 69.158 | 1.08  | 2.4948  | 58.8495  |
| 6/26/2009 12:46 | 1380600.001 | 69.309 | 1.079 | 2.49249 | 58.74688 |
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| 6/26/2009 13:16 | 1382400.001 | 69.604 | 1.08  | 2.4948  | 58.8495  |
| 6/26/2009 13:31 | 1383300.001 | 69.745 | 1.081 | 2.49711 | 58.95212 |
| 6/26/2009 13:46 | 1384200.001 | 69.885 | 1.084 | 2.50404 | 59.25997 |
| 6/26/2009 14:01 | 1385100.001 | 70.03  | 1.08  | 2.4948  | 58.8495  |
| 6/26/2009 14:16 | 1386000.001 | 70.165 | 1.081 | 2.49711 | 58.95212 |
| 6/26/2009 14:31 | 1386900.001 | 70.294 | 1.088 | 2.51328 | 59.67044 |
| 6/26/2009 14:46 | 1387800.001 | 70.418 | 1.083 | 2.50173 | 59.15735 |
| 6/26/2009 15:01 | 1388700.001 | 70.514 | 1.081 | 2.49711 | 58.95212 |
| 6/26/2009 15:16 | 1389600.001 | 70.612 | 1.076 | 2.48556 | 58.43903 |
| 6/26/2009 15:31 | 1390500.001 | 70.715 | 1.072 | 2.47632 | 58.02856 |
| 6/26/2009 15:46 | 1391400.001 | 70.798 | 1.081 | 2.49711 | 58.95212 |
| 6/26/2009 16:01 | 1392300.001 | 70.87  | 1.082 | 2.49942 | 59.05473 |
| 6/26/2009 16:16 | 1393200.001 | 70.949 | 1.075 | 2.48325 | 58.33641 |
| 6/26/2009 16:31 | 1394100.001 | 70.998 | 1.082 | 2.49942 | 59.05473 |
| 6/26/2009 16:46 | 1395000.001 | 71.05  | 1.078 | 2.49018 | 58.64427 |
| 6/26/2009 17:01 | 1395900.001 | 71.103 | 1.079 | 2.49249 | 58.74688 |
| 6/26/2009 17:16 | 1396800.001 | 71.128 | 1.082 | 2.49942 | 59.05473 |
| 6/26/2009 17:31 | 1397700.001 | 71.16  | 1.079 | 2.49249 | 58.74688 |
| 6/26/2009 17:46 | 1398600.001 | 71.177 | 1.078 | 2.49018 | 58.64427 |
| 6/26/2009 18:01 | 1399500.001 | 71.194 | 1.08  | 2.4948  | 58.8495  |
| 6/26/2009 18:16 | 1400400.001 | 71.2   | 1.08  | 2.4948  | 58.8495  |
| 6/26/2009 18:31 | 1401300.001 | 71.201 | 1.076 | 2.48556 | 58.43903 |
| 6/26/2009 18:46 | 1402200.001 | 71.199 | 1.08  | 2.4948  | 58.8495  |
| 6/26/2009 19:01 | 1403100.001 | 71.187 | 1.079 | 2.49249 | 58.74688 |
| 6/26/2009 19:16 | 1404000.001 | 71.177 | 1.084 | 2.50404 | 59.25997 |
| 6/26/2009 19:31 | 1404900.001 | 71.168 | 1.079 | 2.49249 | 58.74688 |
| 6/26/2009 19:46 | 1405800.001 | 71.151 | 1.08  | 2.4948  | 58.8495  |
| 6/26/2009 20:01 | 1406700.001 | 71.125 | 1.082 | 2.49942 | 59.05473 |
| 6/26/2009 20:16 | 1407600.001 | 71.087 | 1.082 | 2.49942 | 59.05473 |
| 6/26/2009 20:31 | 1408500.001 | 71.05  | 1.082 | 2.49942 | 59.05473 |
| 6/26/2009 20:46 | 1409400.001 | 71.011 | 1.078 | 2.49018 | 58.64427 |
| 6/26/2009 21:01 | 1410300.001 | 70.963 | 1.084 | 2.50404 | 59.25997 |
| 6/26/2009 21:16 | 1411200.001 | 70.914 | 1.081 | 2.49711 | 58.95212 |
| 6/26/2009 21:31 | 1412100.001 | 70.865 | 1.081 | 2.49711 | 58.95212 |
| 6/26/2009 21:46 | 1413000.001 | 70.819 | 1.082 | 2.49942 | 59.05473 |
| 6/26/2009 22:01 | 1413900.001 | 70.769 | 1.084 | 2.50404 | 59.25997 |
| 6/26/2009 22:16 | 1414800.001 | 70.717 | 1.071 | 2.47401 | 57.92595 |

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| 6/26/2009 22:31 | 1415700.001 | 70.657 | 1.082 | 2.49942 | 59.05473 |
| 6/26/2009 22:46 | 1416600.001 | 70.598 | 1.086 | 2.50866 | 59.4652  |
| 6/26/2009 23:01 | 1417500.001 | 70.533 | 1.085 | 2.50635 | 59.36259 |
| 6/26/2009 23:16 | 1418400.001 | 70.467 | 1.08  | 2.4948  | 58.8495  |
| 6/26/2009 23:31 | 1419300.001 | 70.397 | 1.081 | 2.49711 | 58.95212 |
| 6/26/2009 23:46 | 1420200.001 | 70.327 | 1.084 | 2.50404 | 59.25997 |
| 6/27/2009 0:01  | 1421100.004 | 70.245 | 1.084 | 2.50404 | 59.25997 |
| 6/27/2009 0:16  | 1422000.006 | 70.162 | 1.083 | 2.50173 | 59.15735 |
| 6/27/2009 0:31  | 1422900.004 | 70.12  | 1.088 | 2.51328 | 59.67044 |
| 6/27/2009 0:46  | 1423800.001 | 69.98  | 1.083 | 2.50173 | 59.15735 |
| 6/27/2009 1:01  | 1424700.001 | 69.879 | 1.084 | 2.50404 | 59.25997 |
| 6/27/2009 1:16  | 1425600.001 | 69.784 | 1.08  | 2.4948  | 58.8495  |
| 6/27/2009 1:31  | 1426500.001 | 69.693 | 1.087 | 2.51097 | 59.56782 |
| 6/27/2009 1:46  | 1427400.001 | 69.598 | 1.084 | 2.50404 | 59.25997 |
| 6/27/2009 2:01  | 1428300.001 | 69.515 | 1.086 | 2.50866 | 59.4652  |
| 6/27/2009 2:16  | 1429200.001 | 69.42  | 1.088 | 2.51328 | 59.67044 |
| 6/27/2009 2:31  | 1430100.001 | 69.323 | 1.083 | 2.50173 | 59.15735 |
| 6/27/2009 2:46  | 1431000.001 | 69.23  | 1.083 | 2.50173 | 59.15735 |
| 6/27/2009 3:01  | 1431900.001 | 69.13  | 1.088 | 2.51328 | 59.67044 |
| 6/27/2009 3:16  | 1432800.001 | 69.03  | 1.083 | 2.50173 | 59.15735 |
| 6/27/2009 3:31  | 1433700.001 | 68.931 | 1.088 | 2.51328 | 59.67044 |
| 6/27/2009 3:46  | 1434600.001 | 68.83  | 1.082 | 2.49942 | 59.05473 |
| 6/27/2009 4:01  | 1435500.001 | 68.735 | 1.087 | 2.51097 | 59.56782 |
| 6/27/2009 4:16  | 1436400.001 | 68.637 | 1.091 | 2.52021 | 59.97829 |
| 6/27/2009 4:31  | 1437300.001 | 68.539 | 1.084 | 2.50404 | 59.25997 |
| 6/27/2009 4:46  | 1438200.001 | 68.428 | 1.089 | 2.51559 | 59.77305 |
| 6/27/2009 5:01  | 1439100.001 | 68.331 | 1.084 | 2.50404 | 59.25997 |
| 6/27/2009 5:16  | 1440000.001 | 68.229 | 1.089 | 2.51559 | 59.77305 |
| 6/27/2009 5:31  | 1440900.001 | 68.132 | 1.083 | 2.50173 | 59.15735 |
| 6/27/2009 5:46  | 1441800.001 | 68.04  | 1.088 | 2.51328 | 59.67044 |
| 6/27/2009 6:01  | 1442700.001 | 67.945 | 1.093 | 2.52483 | 60.18352 |
| 6/27/2009 6:16  | 1443600.001 | 67.856 | 1.094 | 2.52714 | 60.28614 |
| 6/27/2009 6:31  | 1444500.001 | 67.779 | 1.09  | 2.5179  | 59.87567 |
| 6/27/2009 6:46  | 1445400.001 | 67.706 | 1.087 | 2.51097 | 59.56782 |
| 6/27/2009 7:01  | 1446300.001 | 67.655 | 1.091 | 2.52021 | 59.97829 |
| 6/27/2009 7:16  | 1447200.001 | 67.621 | 1.086 | 2.50866 | 59.4652  |
| 6/27/2009 7:31  | 1448100.001 | 67.601 | 1.087 | 2.51097 | 59.56782 |
| 6/27/2009 7:46  | 1449000.001 | 67.603 | 1.093 | 2.52483 | 60.18352 |
| 6/27/2009 8:01  | 1449900.001 | 67.623 | 1.084 | 2.50404 | 59.25997 |
| 6/27/2009 8:16  | 1450800.001 | 67.655 | 1.09  | 2.5179  | 59.87567 |
| 6/27/2009 8:31  | 1451700.001 | 67.706 | 1.091 | 2.52021 | 59.97829 |
| 6/27/2009 8:46  | 1452600.001 | 67.761 | 1.093 | 2.52483 | 60.18352 |
| 6/27/2009 9:01  | 1453500.001 | 67.822 | 1.091 | 2.52021 | 59.97829 |
| 6/27/2009 9:16  | 1454400.001 | 67.914 | 1.093 | 2.52483 | 60.18352 |
| 6/27/2009 9:31  | 1455300.001 | 68.012 | 1.091 | 2.52021 | 59.97829 |
| 6/27/2009 9:46  | 1456200.001 | 68.114 | 1.094 | 2.52714 | 60.28614 |
| 6/27/2009 10:01 | 1457100.001 | 68.227 | 1.091 | 2.52021 | 59.97829 |
| 6/27/2009 10:16 | 1458000.001 | 68.332 | 1.088 | 2.51328 | 59.67044 |
| 6/27/2009 10:31 | 1458900.001 | 68.456 | 1.092 | 2.52252 | 60.08091 |
| 6/27/2009 10:46 | 1459800.001 | 68.595 | 1.09  | 2.5179  | 59.87567 |
| 6/27/2009 11:01 | 1460700.001 | 68.716 | 1.094 | 2.52714 | 60.28614 |
| 6/27/2009 11:16 | 1461600.001 | 68.856 | 1.088 | 2.51328 | 59.67044 |

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| 6/27/2009 11:31 | 1462500.001 | 69.013 | 1.089 | 2.51559 | 59.77305 |
| 6/27/2009 11:46 | 1463400.001 | 69.168 | 1.09  | 2.5179  | 59.87567 |
| 6/27/2009 12:01 | 1464300.001 | 69.319 | 1.092 | 2.52252 | 60.08091 |
| 6/27/2009 12:16 | 1465200.001 | 69.484 | 1.092 | 2.52252 | 60.08091 |
| 6/27/2009 12:31 | 1466100.001 | 69.638 | 1.085 | 2.50635 | 59.36259 |
| 6/27/2009 12:46 | 1467000.001 | 69.805 | 1.087 | 2.51097 | 59.56782 |
| 6/27/2009 13:01 | 1467900.001 | 69.958 | 1.095 | 2.52945 | 60.38876 |
| 6/27/2009 13:16 | 1468800.001 | 70.125 | 1.09  | 2.5179  | 59.87567 |
| 6/27/2009 13:31 | 1469700.001 | 70.272 | 1.089 | 2.51559 | 59.77305 |
| 6/27/2009 13:46 | 1470600.001 | 70.42  | 1.095 | 2.52945 | 60.38876 |
| 6/27/2009 14:01 | 1471500.001 | 70.569 | 1.09  | 2.5179  | 59.87567 |
| 6/27/2009 14:16 | 1472400.001 | 70.711 | 1.09  | 2.5179  | 59.87567 |
| 6/27/2009 14:31 | 1473300.001 | 70.834 | 1.09  | 2.5179  | 59.87567 |
| 6/27/2009 14:46 | 1474200.001 | 70.967 | 1.09  | 2.5179  | 59.87567 |
| 6/27/2009 15:01 | 1475100.001 | 71.087 | 1.089 | 2.51559 | 59.77305 |
| 6/27/2009 15:16 | 1476000.001 | 71.2   | 1.091 | 2.52021 | 59.97829 |
| 6/27/2009 15:31 | 1476900.001 | 71.309 | 1.094 | 2.52714 | 60.28614 |
| 6/27/2009 15:46 | 1477800.001 | 71.416 | 1.096 | 2.53176 | 60.49137 |
| 6/27/2009 16:01 | 1478700.001 | 71.502 | 1.088 | 2.51328 | 59.67044 |
| 6/27/2009 16:16 | 1479600.001 | 71.576 | 1.089 | 2.51559 | 59.77305 |
| 6/27/2009 16:31 | 1480500.001 | 71.642 | 1.087 | 2.51097 | 59.56782 |
| 6/27/2009 16:46 | 1481400.001 | 71.713 | 1.09  | 2.5179  | 59.87567 |
| 6/27/2009 17:01 | 1482300.001 | 71.771 | 1.09  | 2.5179  | 59.87567 |
| 6/27/2009 17:16 | 1483200.001 | 71.823 | 1.09  | 2.5179  | 59.87567 |
| 6/27/2009 17:31 | 1484100.001 | 71.848 | 1.091 | 2.52021 | 59.97829 |
| 6/27/2009 17:46 | 1485000.001 | 71.879 | 1.092 | 2.52252 | 60.08091 |
| 6/27/2009 18:01 | 1485900.001 | 71.911 | 1.093 | 2.52483 | 60.18352 |
| 6/27/2009 18:16 | 1486800.001 | 71.932 | 1.089 | 2.51559 | 59.77305 |
| 6/27/2009 18:31 | 1487700.001 | 71.937 | 1.089 | 2.51559 | 59.77305 |
| 6/27/2009 18:46 | 1488600.001 | 71.951 | 1.088 | 2.51328 | 59.67044 |
| 6/27/2009 19:01 | 1489500.001 | 71.943 | 1.096 | 2.53176 | 60.49137 |
| 6/27/2009 19:16 | 1490400.001 | 71.935 | 1.092 | 2.52252 | 60.08091 |
| 6/27/2009 19:31 | 1491300.001 | 71.925 | 1.086 | 2.50866 | 59.4652  |
| 6/27/2009 19:46 | 1492200.001 | 71.898 | 1.089 | 2.51559 | 59.77305 |
| 6/27/2009 20:01 | 1493100.001 | 71.872 | 1.091 | 2.52021 | 59.97829 |
| 6/27/2009 20:16 | 1494000.001 | 71.848 | 1.088 | 2.51328 | 59.67044 |
| 6/27/2009 20:31 | 1494900.001 | 71.811 | 1.093 | 2.52483 | 60.18352 |
| 6/27/2009 20:46 | 1495800.001 | 71.768 | 1.099 | 2.53869 | 60.79923 |
| 6/27/2009 21:01 | 1496700.001 | 71.73  | 1.09  | 2.5179  | 59.87567 |
| 6/27/2009 21:16 | 1497600.001 | 71.684 | 1.087 | 2.51097 | 59.56782 |
| 6/27/2009 21:31 | 1498500.001 | 71.645 | 1.094 | 2.52714 | 60.28614 |
| 6/27/2009 21:46 | 1499400.001 | 71.594 | 1.09  | 2.5179  | 59.87567 |
| 6/27/2009 22:01 | 1500300.001 | 71.535 | 1.091 | 2.52021 | 59.97829 |
| 6/27/2009 22:16 | 1501200.001 | 71.48  | 1.094 | 2.52714 | 60.28614 |
| 6/27/2009 22:31 | 1502100.001 | 71.426 | 1.089 | 2.51559 | 59.77305 |
| 6/27/2009 22:46 | 1503000.001 | 71.361 | 1.094 | 2.52714 | 60.28614 |
| 6/27/2009 23:01 | 1503900.001 | 71.3   | 1.092 | 2.52252 | 60.08091 |
| 6/27/2009 23:16 | 1504800.001 | 71.222 | 1.094 | 2.52714 | 60.28614 |
| 6/27/2009 23:31 | 1505700.001 | 71.143 | 1.095 | 2.52945 | 60.38876 |
| 6/27/2009 23:46 | 1506600.001 | 71.057 | 1.097 | 2.53407 | 60.59399 |
| 6/28/2009 0:01  | 1507500.001 | 70.966 | 1.092 | 2.52252 | 60.08091 |
| 6/28/2009 0:16  | 1508400.001 | 70.873 | 1.092 | 2.52252 | 60.08091 |

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| 6/28/2009 0:31  | 1509300.001 | 70.777 | 1.089 | 2.51559 | 59.77305 |
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| 6/28/2009 1:01  | 1511100.001 | 70.584 | 1.098 | 2.53638 | 60.69661 |
| 6/28/2009 1:16  | 1512000.001 | 70.487 | 1.098 | 2.53638 | 60.69661 |
| 6/28/2009 1:31  | 1512900.001 | 70.385 | 1.103 | 2.54793 | 61.20969 |
| 6/28/2009 1:46  | 1513800.001 | 70.289 | 1.098 | 2.53638 | 60.69661 |
| 6/28/2009 2:01  | 1514700.001 | 70.195 | 1.096 | 2.53176 | 60.49137 |
| 6/28/2009 2:16  | 1515600.001 | 70.099 | 1.1   | 2.541   | 60.90184 |
| 6/28/2009 2:31  | 1516500.001 | 70.012 | 1.099 | 2.53869 | 60.79923 |
| 6/28/2009 2:46  | 1517400.001 | 69.918 | 1.1   | 2.541   | 60.90184 |
| 6/28/2009 3:01  | 1518300.001 | 69.821 | 1.099 | 2.53869 | 60.79923 |
| 6/28/2009 3:16  | 1519200.001 | 69.728 | 1.095 | 2.52945 | 60.38876 |
| 6/28/2009 3:31  | 1520100.001 | 69.623 | 1.102 | 2.54562 | 61.10708 |
| 6/28/2009 3:46  | 1521000.001 | 69.526 | 1.093 | 2.52483 | 60.18352 |
| 6/28/2009 4:01  | 1521900.001 | 69.436 | 1.095 | 2.52945 | 60.38876 |
| 6/28/2009 4:16  | 1522800.001 | 69.341 | 1.097 | 2.53407 | 60.59399 |
| 6/28/2009 4:31  | 1523700.001 | 69.237 | 1.097 | 2.53407 | 60.59399 |
| 6/28/2009 4:46  | 1524600.001 | 69.149 | 1.099 | 2.53869 | 60.79923 |
| 6/28/2009 5:01  | 1525500.001 | 69.056 | 1.098 | 2.53638 | 60.69661 |
| 6/28/2009 5:16  | 1526400.001 | 68.957 | 1.101 | 2.54331 | 61.00446 |
| 6/28/2009 5:31  | 1527300.001 | 68.859 | 1.099 | 2.53869 | 60.79923 |
| 6/28/2009 5:46  | 1528200.001 | 68.773 | 1.097 | 2.53407 | 60.59399 |
| 6/28/2009 6:01  | 1529100.001 | 68.689 | 1.101 | 2.54331 | 61.00446 |
| 6/28/2009 6:16  | 1530000.001 | 68.616 | 1.098 | 2.53638 | 60.69661 |
| 6/28/2009 6:31  | 1530900.001 | 68.54  | 1.098 | 2.53638 | 60.69661 |
| 6/28/2009 6:46  | 1531800.001 | 68.474 | 1.1   | 2.541   | 60.90184 |
| 6/28/2009 7:01  | 1532700.001 | 68.426 | 1.099 | 2.53869 | 60.79923 |
| 6/28/2009 7:16  | 1533600.001 | 68.401 | 1.102 | 2.54562 | 61.10708 |
| 6/28/2009 7:31  | 1534500.001 | 68.393 | 1.103 | 2.54793 | 61.20969 |
| 6/28/2009 7:46  | 1535400.001 | 68.399 | 1.103 | 2.54793 | 61.20969 |
| 6/28/2009 8:01  | 1536300.001 | 68.422 | 1.103 | 2.54793 | 61.20969 |
| 6/28/2009 8:16  | 1537200.001 | 68.464 | 1.098 | 2.53638 | 60.69661 |
| 6/28/2009 8:31  | 1538100.001 | 68.505 | 1.103 | 2.54793 | 61.20969 |
| 6/28/2009 8:46  | 1539000.001 | 68.565 | 1.102 | 2.54562 | 61.10708 |
| 6/28/2009 9:01  | 1539900.001 | 68.634 | 1.102 | 2.54562 | 61.10708 |
| 6/28/2009 9:16  | 1540800.001 | 68.721 | 1.104 | 2.55024 | 61.31231 |
| 6/28/2009 9:31  | 1541700.001 | 68.811 | 1.108 | 2.55948 | 61.72278 |
| 6/28/2009 9:46  | 1542600.001 | 68.916 | 1.104 | 2.55024 | 61.31231 |
| 6/28/2009 10:01 | 1543500.001 | 69.018 | 1.109 | 2.56179 | 61.8254  |
| 6/28/2009 10:16 | 1544400.001 | 69.14  | 1.107 | 2.55717 | 61.62016 |
| 6/28/2009 10:31 | 1545300.001 | 69.269 | 1.105 | 2.55255 | 61.41493 |
| 6/28/2009 10:46 | 1546200.001 | 69.392 | 1.103 | 2.54793 | 61.20969 |
| 6/28/2009 11:01 | 1547100.001 | 69.54  | 1.109 | 2.56179 | 61.8254  |
| 6/28/2009 11:16 | 1548000.001 | 69.692 | 1.11  | 2.5641  | 61.92801 |
| 6/28/2009 11:31 | 1548900.001 | 69.846 | 1.106 | 2.55486 | 61.51755 |
| 6/28/2009 11:46 | 1549800.001 | 70.006 | 1.105 | 2.55255 | 61.41493 |
| 6/28/2009 12:01 | 1550700.001 | 70.168 | 1.104 | 2.55024 | 61.31231 |
| 6/28/2009 12:16 | 1551600.001 | 70.329 | 1.101 | 2.54331 | 61.00446 |
| 6/28/2009 12:31 | 1552500.001 | 70.493 | 1.105 | 2.55255 | 61.41493 |
| 6/28/2009 12:46 | 1553400.001 | 70.66  | 1.111 | 2.56641 | 62.03063 |
| 6/28/2009 13:01 | 1554300.001 | 70.825 | 1.102 | 2.54562 | 61.10708 |
| 6/28/2009 13:16 | 1555200.001 | 70.985 | 1.102 | 2.54562 | 61.10708 |

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| 6/28/2009 13:31 | 1556100.001 | 71.151 | 1.104 | 2.55024 | 61.31231 |
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| 6/28/2009 14:01 | 1557900.001 | 71.455 | 1.103 | 2.54793 | 61.20969 |
| 6/28/2009 14:16 | 1558800.001 | 71.599 | 1.102 | 2.54562 | 61.10708 |
| 6/28/2009 14:31 | 1559700.001 | 71.742 | 1.102 | 2.54562 | 61.10708 |
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| 6/28/2009 15:01 | 1561500.001 | 72.001 | 1.102 | 2.54562 | 61.10708 |
| 6/28/2009 15:16 | 1562400.001 | 72.122 | 1.109 | 2.56179 | 61.8254  |
| 6/28/2009 15:31 | 1563300.001 | 72.231 | 1.106 | 2.55486 | 61.51755 |
| 6/28/2009 15:46 | 1564200.001 | 72.326 | 1.104 | 2.55024 | 61.31231 |
| 6/28/2009 16:01 | 1565100.001 | 72.428 | 1.108 | 2.55948 | 61.72278 |
| 6/28/2009 16:16 | 1566000.001 | 72.504 | 1.101 | 2.54331 | 61.00446 |
| 6/28/2009 16:31 | 1566900.001 | 72.582 | 1.096 | 2.53176 | 60.49137 |
| 6/28/2009 16:46 | 1567800.001 | 72.642 | 1.102 | 2.54562 | 61.10708 |
| 6/28/2009 17:01 | 1568700.001 | 72.696 | 1.103 | 2.54793 | 61.20969 |
| 6/28/2009 17:16 | 1569600.001 | 72.754 | 1.102 | 2.54562 | 61.10708 |
| 6/28/2009 17:31 | 1570500.001 | 72.791 | 1.104 | 2.55024 | 61.31231 |
| 6/28/2009 17:46 | 1571400.001 | 72.828 | 1.103 | 2.54793 | 61.20969 |
| 6/28/2009 18:01 | 1572300.001 | 72.845 | 1.101 | 2.54331 | 61.00446 |
| 6/28/2009 18:16 | 1573200.001 | 72.87  | 1.102 | 2.54562 | 61.10708 |
| 6/28/2009 18:31 | 1574100.001 | 72.877 | 1.104 | 2.55024 | 61.31231 |
| 6/28/2009 18:46 | 1575000.001 | 72.887 | 1.102 | 2.54562 | 61.10708 |
| 6/28/2009 19:01 | 1575900.001 | 72.886 | 1.106 | 2.55486 | 61.51755 |
| 6/28/2009 19:16 | 1576800.001 | 72.88  | 1.102 | 2.54562 | 61.10708 |
| 6/28/2009 19:31 | 1577700.001 | 72.868 | 1.104 | 2.55024 | 61.31231 |
| 6/28/2009 19:46 | 1578600.001 | 72.84  | 1.106 | 2.55486 | 61.51755 |
| 6/28/2009 20:01 | 1579500.001 | 72.813 | 1.102 | 2.54562 | 61.10708 |
| 6/28/2009 20:16 | 1580400.001 | 72.782 | 1.102 | 2.54562 | 61.10708 |
| 6/28/2009 20:31 | 1581300.001 | 72.746 | 1.106 | 2.55486 | 61.51755 |
| 6/28/2009 20:46 | 1582200.001 | 72.709 | 1.101 | 2.54331 | 61.00446 |
| 6/28/2009 21:01 | 1583100.001 | 72.671 | 1.101 | 2.54331 | 61.00446 |
| 6/28/2009 21:16 | 1584000.001 | 72.625 | 1.106 | 2.55486 | 61.51755 |
| 6/28/2009 21:31 | 1584900.001 | 72.572 | 1.105 | 2.55255 | 61.41493 |
| 6/28/2009 21:46 | 1585800.001 | 72.526 | 1.103 | 2.54793 | 61.20969 |
| 6/28/2009 22:01 | 1586700.001 | 72.475 | 1.101 | 2.54331 | 61.00446 |
| 6/28/2009 22:16 | 1587600.001 | 72.422 | 1.109 | 2.56179 | 61.8254  |
| 6/28/2009 22:31 | 1588500.001 | 72.361 | 1.11  | 2.5641  | 61.92801 |
| 6/28/2009 22:46 | 1589400.001 | 72.3   | 1.103 | 2.54793 | 61.20969 |
| 6/28/2009 23:01 | 1590300.001 | 72.233 | 1.108 | 2.55948 | 61.72278 |
| 6/28/2009 23:16 | 1591200.001 | 72.161 | 1.105 | 2.55255 | 61.41493 |
| 6/28/2009 23:31 | 1592100.001 | 72.089 | 1.108 | 2.55948 | 61.72278 |
| 6/28/2009 23:46 | 1593000.001 | 72.012 | 1.113 | 2.57103 | 62.23587 |
| 6/29/2009 0:01  | 1593900.001 | 71.937 | 1.111 | 2.56641 | 62.03063 |
| 6/29/2009 0:16  | 1594800.001 | 71.85  | 1.109 | 2.56179 | 61.8254  |
| 6/29/2009 0:31  | 1595700.001 | 71.776 | 1.109 | 2.56179 | 61.8254  |
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| 6/29/2009 1:01  | 1597500.001 | 71.616 | 1.11  | 2.5641  | 61.92801 |
| 6/29/2009 1:16  | 1598400.001 | 71.533 | 1.104 | 2.55024 | 61.31231 |
| 6/29/2009 1:31  | 1599300.001 | 71.451 | 1.11  | 2.5641  | 61.92801 |
| 6/29/2009 1:46  | 1600200.001 | 71.372 | 1.112 | 2.56872 | 62.13325 |
| 6/29/2009 2:01  | 1601100.001 | 71.28  | 1.108 | 2.55948 | 61.72278 |
| 6/29/2009 2:16  | 1602000.001 | 71.201 | 1.113 | 2.57103 | 62.23587 |

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| 6/29/2009 2:31  | 1602900.001 | 71.115 | 1.112 | 2.56872 | 62.13325 |
| 6/29/2009 2:46  | 1603800.001 | 71.033 | 1.11  | 2.5641  | 61.92801 |
| 6/29/2009 3:01  | 1604700.001 | 70.951 | 1.111 | 2.56641 | 62.03063 |
| 6/29/2009 3:16  | 1605600.001 | 70.866 | 1.109 | 2.56179 | 61.8254  |
| 6/29/2009 3:31  | 1606500.001 | 70.787 | 1.111 | 2.56641 | 62.03063 |
| 6/29/2009 3:46  | 1607400.001 | 70.701 | 1.114 | 2.57334 | 62.33848 |
| 6/29/2009 4:01  | 1608300.001 | 70.612 | 1.112 | 2.56872 | 62.13325 |
| 6/29/2009 4:16  | 1609200.001 | 70.531 | 1.109 | 2.56179 | 61.8254  |
| 6/29/2009 4:31  | 1610100.001 | 70.445 | 1.115 | 2.57565 | 62.4411  |
| 6/29/2009 4:46  | 1611000.001 | 70.371 | 1.118 | 2.58258 | 62.74895 |
| 6/29/2009 5:01  | 1611900.001 | 70.29  | 1.107 | 2.55717 | 61.62016 |
| 6/29/2009 5:16  | 1612800.001 | 70.21  | 1.117 | 2.58027 | 62.64633 |
| 6/29/2009 5:31  | 1613700.001 | 70.133 | 1.115 | 2.57565 | 62.4411  |
| 6/29/2009 5:46  | 1614600.001 | 70.061 | 1.113 | 2.57103 | 62.23587 |
| 6/29/2009 6:01  | 1615500.001 | 69.989 | 1.117 | 2.58027 | 62.64633 |
| 6/29/2009 6:16  | 1616400.001 | 69.926 | 1.117 | 2.58027 | 62.64633 |
| 6/29/2009 6:31  | 1617300.001 | 69.869 | 1.118 | 2.58258 | 62.74895 |
| 6/29/2009 6:46  | 1618200.001 | 69.821 | 1.114 | 2.57334 | 62.33848 |
| 6/29/2009 7:01  | 1619100.001 | 69.794 | 1.121 | 2.58951 | 63.0568  |
| 6/29/2009 7:16  | 1620000.001 | 69.781 | 1.116 | 2.57796 | 62.54372 |
| 6/29/2009 7:31  | 1620900.001 | 69.787 | 1.118 | 2.58258 | 62.74895 |
| 6/29/2009 7:46  | 1621800.001 | 69.795 | 1.12  | 2.5872  | 62.95419 |
| 6/29/2009 8:01  | 1622700.001 | 69.826 | 1.117 | 2.58027 | 62.64633 |
| 6/29/2009 8:16  | 1623600.001 | 69.877 | 1.115 | 2.57565 | 62.4411  |
| 6/29/2009 8:31  | 1624500.001 | 69.931 | 1.12  | 2.5872  | 62.95419 |
| 6/29/2009 8:46  | 1625400.001 | 69.992 | 1.126 | 2.60106 | 63.56989 |
| 6/29/2009 9:01  | 1626300.001 | 70.07  | 1.121 | 2.58951 | 63.0568  |
| 6/29/2009 9:16  | 1627200.001 | 70.154 | 1.119 | 2.58489 | 62.85157 |
| 6/29/2009 9:31  | 1628100.001 | 70.244 | 1.123 | 2.59413 | 63.26204 |
| 6/29/2009 9:46  | 1629000.001 | 70.352 | 1.123 | 2.59413 | 63.26204 |
| 6/29/2009 10:01 | 1629900.001 | 70.463 | 1.117 | 2.58027 | 62.64633 |
| 6/29/2009 10:16 | 1630800.001 | 70.583 | 1.12  | 2.5872  | 62.95419 |
| 6/29/2009 10:31 | 1631700.001 | 70.699 | 1.12  | 2.5872  | 62.95419 |
| 6/29/2009 10:46 | 1632600.001 | 70.831 | 1.12  | 2.5872  | 62.95419 |
| 6/29/2009 11:01 | 1633500.001 | 70.978 | 1.122 | 2.59182 | 63.15942 |
| 6/29/2009 11:16 | 1634400.001 | 71.139 | 1.116 | 2.57796 | 62.54372 |
| 6/29/2009 11:31 | 1635300.001 | 71.296 | 1.116 | 2.57796 | 62.54372 |
| 6/29/2009 11:46 | 1636200.001 | 71.467 | 1.12  | 2.5872  | 62.95419 |
| 6/29/2009 12:01 | 1637100.001 | 71.584 | 1.122 | 2.59182 | 63.15942 |
| 6/29/2009 12:16 | 1638000.001 | 71.628 | 1.12  | 2.5872  | 62.95419 |
| 6/29/2009 12:31 | 1638900.001 | 71.72  | 1.123 | 2.59413 | 63.26204 |
| 6/29/2009 12:46 | 1639800.001 | 71.798 | 1.119 | 2.58489 | 62.85157 |
| 6/29/2009 13:01 | 1640700.001 | 71.84  | 1.119 | 2.58489 | 62.85157 |
| 6/29/2009 13:16 | 1641600.001 | 71.874 | 1.12  | 2.5872  | 62.95419 |
| 6/29/2009 13:31 | 1642500.001 | 71.883 | 1.119 | 2.58489 | 62.85157 |
| 6/29/2009 13:46 | 1643400.001 | 71.922 | 1.122 | 2.59182 | 63.15942 |
| 6/29/2009 14:01 | 1644300.001 | 71.975 | 1.123 | 2.59413 | 63.26204 |
| 6/29/2009 14:16 | 1645200.001 | 72.119 | 1.12  | 2.5872  | 62.95419 |
| 6/29/2009 14:31 | 1646100.001 | 72.22  | 1.124 | 2.59644 | 63.36465 |
| 6/29/2009 14:46 | 1647000.001 | 72.392 | 1.122 | 2.59182 | 63.15942 |
| 6/29/2009 15:01 | 1647900.001 | 72.552 | 1.122 | 2.59182 | 63.15942 |
| 6/29/2009 15:16 | 1648800.001 | 72.677 | 1.117 | 2.58027 | 62.64633 |



|                 |             |        |       |         |          |
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| 6/29/2009 15:31 | 1649700.001 | 72.768 | 1.116 | 2.57796 | 62.54372 |
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| 6/29/2009 16:01 | 1651500.001 | 72.945 | 1.114 | 2.57334 | 62.33848 |
| 6/29/2009 16:16 | 1652400.001 | 73.022 | 1.12  | 2.5872  | 62.95419 |
| 6/29/2009 16:31 | 1653300.001 | 73.073 | 1.116 | 2.57796 | 62.54372 |
| 6/29/2009 16:46 | 1654200.001 | 73.091 | 1.119 | 2.58489 | 62.85157 |
| 6/29/2009 17:01 | 1655100.001 | 73.12  | 1.117 | 2.58027 | 62.64633 |
| 6/29/2009 17:16 | 1656000.001 | 73.143 | 1.118 | 2.58258 | 62.74895 |
| 6/29/2009 17:31 | 1656900.001 | 73.145 | 1.115 | 2.57565 | 62.4411  |
| 6/29/2009 17:46 | 1657800.001 | 73.167 | 1.12  | 2.5872  | 62.95419 |
| 6/29/2009 18:01 | 1658700.001 | 73.169 | 1.118 | 2.58258 | 62.74895 |
| 6/29/2009 18:16 | 1659600.001 | 73.179 | 1.119 | 2.58489 | 62.85157 |
| 6/29/2009 18:31 | 1660500.001 | 73.178 | 1.12  | 2.5872  | 62.95419 |
| 6/29/2009 18:46 | 1661400.001 | 73.178 | 1.118 | 2.58258 | 62.74895 |
| 6/29/2009 19:01 | 1662300.001 | 73.167 | 1.12  | 2.5872  | 62.95419 |
| 6/29/2009 19:16 | 1663200.001 | 73.166 | 1.119 | 2.58489 | 62.85157 |
| 6/29/2009 19:31 | 1664100.001 | 73.167 | 1.121 | 2.58951 | 63.0568  |
| 6/29/2009 19:46 | 1665000.001 | 73.159 | 1.121 | 2.58951 | 63.0568  |
| 6/29/2009 20:01 | 1665900.001 | 73.15  | 1.122 | 2.59182 | 63.15942 |
| 6/29/2009 20:16 | 1666800.001 | 73.133 | 1.12  | 2.5872  | 62.95419 |
| 6/29/2009 20:31 | 1667700.001 | 73.103 | 1.122 | 2.59182 | 63.15942 |
| 6/29/2009 20:46 | 1668600.001 | 73.078 | 1.122 | 2.59182 | 63.15942 |
| 6/29/2009 21:01 | 1669500.001 | 73.037 | 1.123 | 2.59413 | 63.26204 |
| 6/29/2009 21:16 | 1670400.001 | 72.987 | 1.123 | 2.59413 | 63.26204 |
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| 6/29/2009 21:46 | 1672200.001 | 72.875 | 1.122 | 2.59182 | 63.15942 |
| 6/29/2009 22:01 | 1673100.001 | 72.809 | 1.119 | 2.58489 | 62.85157 |
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| 6/29/2009 22:31 | 1674900.001 | 72.677 | 1.126 | 2.60106 | 63.56989 |
| 6/29/2009 22:46 | 1675800.001 | 72.607 | 1.122 | 2.59182 | 63.15942 |
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| 6/29/2009 23:16 | 1677600.001 | 72.461 | 1.121 | 2.58951 | 63.0568  |
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| 6/30/2009 4:31  | 1696500.001 | 70.89  | 1.123 | 2.59413 | 63.26204 |
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| 6/30/2009 16:31 | 1739700.001 | 73.696 | 1.133 | 2.61723 | 64.28821 |
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| 6/30/2009 17:31 | 1743300.001 | 73.801 | 1.135 | 2.62185 | 64.49344 |
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| 6/30/2009 23:16 | 1764000.001 | 73.204 | 1.138 | 2.62878 | 64.80129 |
| 6/30/2009 23:31 | 1764900.001 | 73.164 | 1.14  | 2.6334  | 65.00653 |
| 6/30/2009 23:46 | 1765800.001 | 73.122 | 1.135 | 2.62185 | 64.49344 |

# Georges Ditch Return

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| YEAR    | 2009 |
| MO      | 6    |
| CFS1    | 8.5  |
| CFS2    | 8.6  |
| CFS3    | 8.6  |
| CFS4    | 8.6  |
| CFS5    | 8.4  |
| CFS6    | 8.4  |
| CFS7    | 8.4  |
| CFS8    | 6    |
| CFS9    | 0    |
| CFS10   | 0    |
| CFS11   | 0    |
| CFS12   | 0    |
| CFS13   | 0    |
| CFS14   | 0    |
| CFS15   | 0    |
| CFS16   | 0    |
| CFS17   | 0    |
| CFS18   | 0    |
| CFS19   | 0    |
| CFS20   | 0    |
| CFS21   | 0    |
| CFS22   | 0    |
| CFS23   | 2.5  |
| CFS24   | 6.6  |
| CFS25   | 7    |
| CFS26   | 7.3  |
| CFS27   | 7.5  |
| CFS28   | 7.6  |
| CFS29   | 7.7  |
| CFS30   | 7.79 |
| CFS31   | 0    |
| TOTALAF | 237  |
| AVECFS  | 3.98 |
| PEAKCFS | 8.6  |
| DY      | 1    |
| TIME    | 615  |
| MINCFS  | 0    |
| DY      | 9    |
| TIME    | 0    |

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| 06/29/09 | 00:15 | 0.59 |
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| 06/30/09 | 15:45 | 0.59 |
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| 06/30/09 | 21:00 | 0.60 |
| 06/30/09 | 21:15 | 0.61 |
| 06/30/09 | 21:30 | 0.61 |
| 06/30/09 | 21:45 | 0.61 |
| 06/30/09 | 22:00 | 0.61 |
| 06/30/09 | 22:15 | 0.61 |
| 06/30/09 | 22:30 | 0.61 |
| 06/30/09 | 22:45 | 0.61 |
| 06/30/09 | 23:00 | 0.61 |
| 06/30/09 | 23:15 | 0.61 |
| 06/30/09 | 23:30 | 0.61 |
| 06/30/09 | 23:45 | 0.61 |
| 07/01/09 | 00:00 | 0.61 |

File\_Name 090602RN.LOR.WAD  
 Start\_Date\_and\_Time 2009/06/02 14:44:15  
 Site\_Name LOR RIENHACKEL  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P1685  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge REW  
 #\_Stations 22  
 Total\_Width 63.000 ft  
 Total\_Area 166.096 ft^2  
 Total\_Discharge 73.4977 cfs  
 Mean\_Depth 2.636 ft  
 Mean\_Velocity 0.4425 ft/s  
 Mean\_SNR 30.5 dB  
 Mean\_Verr 0.0103 ft/s  
 Mean\_Temp 66.81 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 2.6 %  
 Accuracy 1.0 %  
 Depth 0.1 %  
 Velocity 0.4 %  
 Width 0.1 %  
 Method 0.8 %  
 #\_Stations 2.3 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 1.9 %  
 Accuracy 1.0 %  
 Depth 0.6 %  
 Velocity 1.5 %  
 Width 0.1 %

#### Supplemental\_Data

Gauge\_Height\_Change 0.000 ft

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/02 | 14:42:50 | 0.000        | 1.010            | 69.4041         |          |
| 02     | 2009/06/02 | 15:39:08 | 71.500       | 1.010            | 68.7940         |          |

## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/2/2009 14:42

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc  | Depth | %Dep | MeasD | Npts | Spike | Vel    | SNR  | Angle | Verr   | Bnd | Temp   | CorrFact | MeanV  | Area   | Flow   | %Q  |
|----|-------|------|-------|------|-------|------|-------|--------|------|-------|--------|-----|--------|----------|--------|--------|--------|-----|
| () | ()    | (ft) | (ft)  | (*D) | (ft)  | ()   | ()    | (ft/s) | (dB) | (deg) | (ft/s) | ()  | (degF) | ()       | (ft/s) | (ft^2) | (cfs)  | (%) |
| 0  | 14:44 | 8.5  | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0   |
| 1  | 14:44 | 11   | 0.69  | 0.6  | 0.276 | 40   | 0     | 0.042  | 34.4 | -33   | 0.004  | 0   | 67.42  | 1        | 0.042  | 1.897  | 0.0797 | 0.1 |
| 2  | 14:45 | 14   | 1.48  | 0.6  | 0.592 | 40   | 0     | 0.171  | 32.4 | -4    | 0.006  | 0   | 67.03  | 1        | 0.1709 | 4.44   | 0.7589 | 1   |
| 3  | 14:47 | 17   | 2.14  | 0.2  | 1.712 | 40   | 0     | 0.224  | 29.5 | 0     | 0.006  | 0   | 66.81  | 1        | 0.229  | 6.42   | 1.4703 | 2   |
| 3  | 14:46 | 17   | 2.14  | 0.8  | 0.428 | 40   | 0     | 0.234  | 30.7 | 13    | 0.006  | 0   | 66.88  | 0        | 0      | 0      | 0      | 0   |
| 4  | 14:48 | 20   | 2.95  | 0.2  | 2.36  | 40   | 0     | 0.327  | 29.9 | 1     | 0.01   | 0   | 66.79  | 1        | 0.2915 | 8.85   | 2.5799 | 3.5 |
| 4  | 14:49 | 20   | 2.95  | 0.8  | 0.59  | 40   | 0     | 0.256  | 31.4 | 3     | 0.012  | 0   | 66.81  | 0        | 0      | 0      | 0      | 0   |
| 5  | 14:53 | 23   | 3.26  | 0.2  | 2.608 | 40   | 0     | 0.383  | 29   | 0     | 0.015  | 0   | 66.81  | 1        | 0.3929 | 9.78   | 3.8422 | 5.2 |
| 5  | 14:52 | 23   | 3.26  | 0.6  | 1.304 | 40   | 0     | 0.415  | 29.9 | -3    | 0.008  | 0   | 66.79  | 0        | 0      | 0      | 0      | 0   |
| 5  | 14:51 | 23   | 3.26  | 0.8  | 0.652 | 40   | 0     | 0.358  | 30.5 | 3     | 0.011  | 0   | 66.79  | 0        | 0      | 0      | 0      | 0   |
| 6  | 14:54 | 26   | 3.33  | 0.2  | 2.664 | 40   | 0     | 0.404  | 29.4 | 3     | 0.006  | 0   | 66.79  | 1        | 0.4073 | 9.99   | 4.0692 | 5.5 |
| 6  | 14:55 | 26   | 3.33  | 0.6  | 1.332 | 40   | 0     | 0.439  | 30.1 | 4     | 0.011  | 0   | 66.79  | 0        | 0      | 0      | 0      | 0   |
| 6  | 14:56 | 26   | 3.33  | 0.8  | 0.666 | 40   | 0     | 0.347  | 30.1 | 0     | 0.015  | 0   | 66.78  | 0        | 0      | 0      | 0      | 0   |
| 7  | 14:59 | 29   | 3.38  | 0.2  | 2.704 | 40   | 0     | 0.497  | 29.5 | 3     | 0.009  | 0   | 66.76  | 1        | 0.4197 | 10.14  | 4.2557 | 5.8 |
| 7  | 14:58 | 29   | 3.38  | 0.6  | 1.352 | 40   | 0     | 0.42   | 30.5 | -1    | 0.014  | 0   | 66.76  | 0        | 0      | 0      | 0      | 0   |
| 7  | 14:57 | 29   | 3.38  | 0.8  | 0.676 | 40   | 0     | 0.342  | 30.9 | 3     | 0.015  | 0   | 66.76  | 0        | 0      | 0      | 0      | 0   |
| 8  | 15:00 | 32   | 3.32  | 0.2  | 2.656 | 40   | 0     | 0.555  | 30.3 | 7     | 0.011  | 0   | 66.76  | 1        | 0.5066 | 9.96   | 5.046  | 6.9 |
| 8  | 15:01 | 32   | 3.32  | 0.6  | 1.328 | 40   | 0     | 0.522  | 29.7 | 1     | 0.015  | 0   | 66.76  | 0        | 0      | 0      | 0      | 0   |
| 8  | 15:02 | 32   | 3.32  | 0.8  | 0.664 | 40   | 0     | 0.428  | 31.4 | 3     | 0.014  | 0   | 66.74  | 0        | 0      | 0      | 0      | 0   |
| 9  | 15:05 | 35   | 3.37  | 0.2  | 2.696 | 40   | 0     | 0.548  | 30.5 | 5     | 0.013  | 0   | 66.72  | 1        | 0.5193 | 10.11  | 5.25   | 7.1 |
| 9  | 15:04 | 35   | 3.37  | 0.6  | 1.348 | 40   | 0     | 0.528  | 30.3 | 7     | 0.016  | 0   | 66.72  | 0        | 0      | 0      | 0      | 0   |
| 9  | 15:03 | 35   | 3.37  | 0.8  | 0.674 | 40   | 0     | 0.474  | 30.1 | 6     | 0.014  | 0   | 66.72  | 0        | 0      | 0      | 0      | 0   |
| 10 | 15:06 | 38   | 3.39  | 0.2  | 2.712 | 40   | 0     | 0.55   | 29.9 | 4     | 0.011  | 0   | 66.72  | 1        | 0.6013 | 10.17  | 6.1153 | 8.3 |
| 10 | 15:07 | 38   | 3.39  | 0.6  | 1.356 | 40   | 0     | 0.642  | 30.3 | 8     | 0.017  | 0   | 66.72  | 0        | 0      | 0      | 0      | 0   |
| 10 | 15:08 | 38   | 3.39  | 0.8  | 0.678 | 40   | 1     | 0.57   | 30.7 | 6     | 0.013  | 0   | 66.72  | 0        | 0      | 0      | 0      | 0   |
| 11 | 15:11 | 41   | 3.4   | 0.2  | 2.72  | 40   | 0     | 0.629  | 29.2 | 5     | 0.01   | 0   | 66.78  | 1        | 0.5632 | 10.2   | 5.7449 | 7.8 |
| 11 | 15:10 | 41   | 3.4   | 0.6  | 1.36  | 40   | 0     | 0.55   | 30.1 | 5     | 0.02   | 0   | 66.76  | 0        | 0      | 0      | 0      | 0   |
| 11 | 15:10 | 41   | 3.4   | 0.8  | 0.68  | 40   | 0     | 0.524  | 30.3 | 3     | 0.013  | 0   | 66.74  | 0        | 0      | 0      | 0      | 0   |
| 12 | 15:13 | 44   | 3.42  | 0.2  | 2.736 | 40   | 0     | 0.74   | 29.2 | 4     | 0.014  | 0   | 66.81  | 1        | 0.6246 | 10.26  | 6.4082 | 8.7 |
| 12 | 15:14 | 44   | 3.42  | 0.6  | 1.368 | 40   | 0     | 0.576  | 30.5 | 9     | 0.014  | 0   | 66.79  | 0        | 0      | 0      | 0      | 0   |
| 12 | 15:14 | 44   | 3.42  | 0.8  | 0.684 | 40   | 0     | 0.607  | 30.3 | 5     | 0.017  | 0   | 66.79  | 0        | 0      | 0      | 0      | 0   |
| 13 | 15:18 | 47   | 3.48  | 0.2  | 2.784 | 40   | 0     | 0.597  | 29.9 | 5     | 0.012  | 0   | 66.83  | 1        | 0.6084 | 10.44  | 6.352  | 8.6 |
| 13 | 15:17 | 47   | 3.48  | 0.6  | 1.392 | 40   | 0     | 0.644  | 30.1 | 6     | 0.013  | 0   | 66.81  | 0        | 0      | 0      | 0      | 0   |
| 13 | 15:16 | 47   | 3.48  | 0.8  | 0.696 | 40   | 0     | 0.549  | 31.1 | 2     | 0.011  | 0   | 66.81  | 0        | 0      | 0      | 0      | 0   |
| 14 | 15:19 | 50   | 3.4   | 0.2  | 2.72  | 40   | 0     | 0.609  | 29.9 | 10    | 0.011  | 0   | 66.83  | 1        | 0.5378 | 10.2   | 5.4856 | 7.5 |
| 14 | 15:20 | 50   | 3.4   | 0.6  | 1.36  | 40   | 0     | 0.545  | 30.7 | 6     | 0.015  | 0   | 66.83  | 0        | 0      | 0      | 0      | 0   |
| 14 | 15:20 | 50   | 3.4   | 0.8  | 0.68  | 40   | 0     | 0.453  | 30.7 | -2    | 0.016  | 0   | 66.83  | 0        | 0      | 0      | 0      | 0   |
| 15 | 15:23 | 53   | 3.4   | 0.2  | 2.72  | 40   | 0     | 0.595  | 30.1 | 6     | 0.012  | 0   | 66.81  | 1        | 0.4576 | 10.2   | 4.6674 | 6.4 |
| 15 | 15:22 | 53   | 3.4   | 0.6  | 1.36  | 40   | 0     | 0.397  | 30.3 | 4     | 0.017  | 0   | 66.81  | 0        | 0      | 0      | 0      | 0   |
| 15 | 15:21 | 53   | 3.4   | 0.8  | 0.68  | 40   | 0     | 0.441  | 30.1 | 0     | 0.014  | 0   | 66.81  | 0        | 0      | 0      | 0      | 0   |

|    |       |      |      |     |       |    |   |       |      |    |       |   |       |   |        |       |        |     |
|----|-------|------|------|-----|-------|----|---|-------|------|----|-------|---|-------|---|--------|-------|--------|-----|
| 16 | 15:24 | 56   | 3.37 | 0.2 | 2.696 | 40 | 0 | 0.441 | 30.5 | 9  | 0.008 | 0 | 66.81 | 1 | 0.419  | 10.11 | 4.2366 | 5.8 |
| 16 | 15:25 | 56   | 3.37 | 0.6 | 1.348 | 40 | 0 | 0.432 | 30.5 | 4  | 0.011 | 0 | 66.79 | 0 | 0      | 0     | 0      | 0   |
| 16 | 15:26 | 56   | 3.37 | 0.8 | 0.674 | 40 | 1 | 0.371 | 30.5 | 0  | 0.01  | 0 | 66.79 | 0 | 0      | 0     | 0      | 0   |
| 17 | 15:29 | 59   | 2.88 | 0.2 | 2.304 | 40 | 0 | 0.399 | 30.1 | 0  | 0.008 | 0 | 66.79 | 1 | 0.362  | 8.64  | 3.1272 | 4.3 |
| 17 | 15:28 | 59   | 2.88 | 0.6 | 1.152 | 40 | 0 | 0.375 | 29.9 | 5  | 0.01  | 0 | 66.79 | 0 | 0      | 0     | 0      | 0   |
| 17 | 15:28 | 59   | 2.88 | 0.8 | 0.576 | 40 | 0 | 0.3   | 31   | 0  | 0.007 | 0 | 66.79 | 0 | 0      | 0     | 0      | 0   |
| 18 | 15:31 | 62   | 2.28 | 0.2 | 1.824 | 40 | 1 | 0.431 | 30.3 | 7  | 0.009 | 0 | 66.81 | 1 | 0.3522 | 6.84  | 2.4089 | 3.3 |
| 18 | 15:32 | 62   | 2.28 | 0.6 | 0.912 | 40 | 0 | 0.368 | 30.3 | 0  | 0.009 | 0 | 66.81 | 0 | 0      | 0     | 0      | 0   |
| 18 | 15:33 | 62   | 2.28 | 0.8 | 0.456 | 40 | 0 | 0.242 | 29.9 | -5 | 0.005 | 0 | 66.81 | 0 | 0      | 0     | 0      | 0   |
| 19 | 15:35 | 65   | 1.53 | 0.2 | 1.224 | 40 | 0 | 0.263 | 30.1 | 5  | 0.005 | 0 | 66.83 | 1 | 0.2316 | 4.59  | 1.0631 | 1.4 |
| 19 | 15:34 | 65   | 1.53 | 0.8 | 0.306 | 40 | 0 | 0.201 | 30.7 | 2  | 0.005 | 0 | 66.83 | 0 | 0      | 0     | 0      | 0   |
| 20 | 15:36 | 68   | 0.88 | 0.6 | 0.352 | 40 | 0 | 0.188 | 29.9 | -7 | 0.004 | 0 | 66.87 | 1 | 0.1877 | 2.86  | 0.5367 | 0.7 |
| 21 | 15:36 | 71.5 | 0    | 0   | 0     | 0  | 0 | 0     | 0    | 0  | 0     | 0 | 0     | 1 | 0      | 0     | 0      | 0   |

File\_Name 090603RN.LOR.WAD  
 Start\_Date\_and\_Time 2009/06/03 10:53:42  
 Site\_Name LOR AT RIENHACKEL  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P1685  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge REW  
 #\_Stations 23  
 Total\_Width 64.400 ft  
 Total\_Area 176.483 ft^2  
 Total\_Discharge 74.9523 cfs  
 Mean\_Depth 2.740 ft  
 Mean\_Velocity 0.4247 ft/s  
 Mean\_SNR 31.8 dB  
 Mean\_Verr 0.0114 ft/s  
 Mean\_Temp 63.84 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 2.6 %  
 Accuracy 1.0 %  
 Depth 0.1 %  
 Velocity 0.4 %  
 Width 0.1 %  
 Method 0.8 %  
 #\_Stations 2.2 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 2.2 %  
 Accuracy 1.0 %  
 Depth 0.5 %  
 Velocity 1.8 %  
 Width 0.1 %

#### Supplemental\_Data

Gauge\_Height\_Change 0.000 ft

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/03 | 10:51:39 | 0.000        | 1.180            | 69.3840         |          |
| 02     | 2009/06/03 | 11:54:48 | 72.400       | 1.180            | ()              |          |



## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/3/2009 10:52

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc  | Depth | %Dep | MeasD | Npts | Spike | Vel    | SNR  | Angle | Verr   | Bnd | Temp   | CorrFact | MeanV  | Area   | Flow   | %Q  |
|----|-------|------|-------|------|-------|------|-------|--------|------|-------|--------|-----|--------|----------|--------|--------|--------|-----|
| () | ()    | (ft) | (ft)  | (*D) | (ft)  | ()   | ()    | (ft/s) | (dB) | (deg) | (ft/s) | ()  | (degF) | ()       | (ft/s) | (ft^2) | (cfs)  | (%) |
| 0  | 10:53 | 8    | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0   |
| 1  | 10:53 | 11   | 0.81  | 0.6  | 0.324 | 40   | 0     | 0.014  | 31.6 | -25   | 0.006  | 0   | 63.73  | 1        | 0.0138 | 2.43   | 0.0335 | 0   |
| 2  | 10:55 | 14   | 1.6   | 0.2  | 1.28  | 40   | 0     | 0.181  | 31.4 | 15    | 0.008  | 0   | 63.84  | 1        | 0.1781 | 4.8    | 0.8552 | 1.1 |
| 2  | 10:55 | 14   | 1.6   | 0.8  | 0.32  | 40   | 0     | 0.176  | 30.7 | -4    | 0.005  | 0   | 63.84  | 0        | 0      | 0      | 0      | 0   |
| 3  | 10:57 | 17   | 2.31  | 0.2  | 1.848 | 40   | 0     | 0.272  | 30.9 | -1    | 0.006  | 0   | 63.86  | 1        | 0.2264 | 6.93   | 1.5688 | 2.1 |
| 3  | 10:58 | 17   | 2.31  | 0.8  | 0.462 | 40   | 0     | 0.181  | 30.5 | 12    | 0.006  | 0   | 63.84  | 0        | 0      | 0      | 0      | 0   |
| 4  | 11:00 | 20   | 3.1   | 0.2  | 2.48  | 40   | 0     | 0.372  | 31.4 | -1    | 0.009  | 0   | 63.84  | 1        | 0.2885 | 9.3    | 2.6836 | 3.6 |
| 4  | 10:59 | 20   | 3.1   | 0.8  | 0.62  | 40   | 0     | 0.205  | 31.4 | 3     | 0.013  | 0   | 63.84  | 0        | 0      | 0      | 0      | 0   |
| 5  | 11:03 | 23   | 3.4   | 0.2  | 2.72  | 40   | 0     | 0.362  | 30.9 | 0     | 0.011  | 0   | 63.86  | 1        | 0.3935 | 10.2   | 4.0132 | 5.4 |
| 5  | 11:04 | 23   | 3.4   | 0.6  | 1.36  | 40   | 0     | 0.424  | 30.9 | 0     | 0.008  | 0   | 63.86  | 0        | 0      | 0      | 0      | 0   |
| 5  | 11:05 | 23   | 3.4   | 0.8  | 0.68  | 40   | 0     | 0.364  | 32   | 1     | 0.009  | 0   | 63.86  | 0        | 0      | 0      | 0      | 0   |
| 6  | 11:08 | 26   | 3.5   | 0.2  | 2.8   | 40   | 1     | 0.435  | 31.2 | 1     | 0.011  | 0   | 63.88  | 1        | 0.3833 | 10.5   | 4.0245 | 5.4 |
| 6  | 11:07 | 26   | 3.5   | 0.6  | 1.4   | 40   | 0     | 0.369  | 31.8 | -5    | 0.011  | 0   | 63.86  | 0        | 0      | 0      | 0      | 0   |
| 6  | 11:06 | 26   | 3.5   | 0.8  | 0.7   | 40   | 1     | 0.359  | 31.8 | 0     | 0.015  | 0   | 63.86  | 0        | 0      | 0      | 0      | 0   |
| 7  | 11:09 | 29   | 3.53  | 0.2  | 2.824 | 40   | 0     | 0.461  | 30.9 | 7     | 0.009  | 0   | 63.88  | 1        | 0.4026 | 10.59  | 4.2638 | 5.7 |
| 7  | 11:10 | 29   | 3.53  | 0.6  | 1.412 | 40   | 0     | 0.386  | 31.8 | 2     | 0.018  | 0   | 63.88  | 0        | 0      | 0      | 0      | 0   |
| 7  | 11:11 | 29   | 3.53  | 0.8  | 0.706 | 40   | 0     | 0.378  | 31.4 | 6     | 0.02   | 0   | 63.88  | 0        | 0      | 0      | 0      | 0   |
| 8  | 11:18 | 32   | 3.55  | 0.2  | 2.84  | 40   | 0     | 0.546  | 31.1 | 0     | 0.013  | 0   | 63.88  | 1        | 0.4775 | 10.65  | 5.0855 | 6.8 |
| 8  | 11:17 | 32   | 3.55  | 0.6  | 1.42  | 40   | 0     | 0.489  | 31.4 | 7     | 0.016  | 0   | 63.88  | 0        | 0      | 0      | 0      | 0   |
| 8  | 11:12 | 32   | 3.55  | 0.8  | 0.71  | 40   | 0     | 0.386  | 30.9 | 0     | 0.021  | 0   | 63.88  | 0        | 0      | 0      | 0      | 0   |
| 9  | 11:19 | 35   | 3.53  | 0.2  | 2.824 | 40   | 1     | 0.52   | 31.4 | 2     | 0.011  | 0   | 63.88  | 1        | 0.4919 | 10.59  | 5.2088 | 6.9 |
| 9  | 11:20 | 35   | 3.53  | 0.6  | 1.412 | 40   | 0     | 0.524  | 30.9 | 10    | 0.015  | 0   | 63.88  | 0        | 0      | 0      | 0      | 0   |
| 9  | 11:21 | 35   | 3.53  | 0.8  | 0.706 | 40   | 0     | 0.4    | 31.2 | 4     | 0.018  | 0   | 63.88  | 0        | 0      | 0      | 0      | 0   |
| 10 | 11:24 | 38   | 3.56  | 0.2  | 2.848 | 40   | 0     | 0.627  | 30.9 | 2     | 0.016  | 0   | 63.86  | 1        | 0.5376 | 10.68  | 5.7413 | 7.7 |
| 10 | 11:23 | 38   | 3.56  | 0.6  | 1.424 | 40   | 0     | 0.512  | 30.7 | 6     | 0.022  | 0   | 63.86  | 0        | 0      | 0      | 0      | 0   |
| 10 | 11:22 | 38   | 3.56  | 0.8  | 0.712 | 40   | 0     | 0.499  | 30.9 | 0     | 0.018  | 0   | 63.86  | 0        | 0      | 0      | 0      | 0   |
| 11 | 11:25 | 41   | 3.56  | 0.2  | 2.848 | 40   | 2     | 0.797  | 30.5 | 6     | 0.009  | 0   | 63.84  | 1        | 0.6434 | 10.68  | 6.8713 | 9.2 |
| 11 | 11:26 | 41   | 3.56  | 0.6  | 1.424 | 40   | 0     | 0.623  | 31.2 | 6     | 0.02   | 0   | 63.84  | 0        | 0      | 0      | 0      | 0   |
| 11 | 11:27 | 41   | 3.56  | 0.8  | 0.712 | 40   | 0     | 0.53   | 31.1 | 1     | 0.02   | 0   | 63.84  | 0        | 0      | 0      | 0      | 0   |
| 12 | 11:30 | 44   | 3.58  | 0.2  | 2.864 | 40   | 0     | 0.682  | 30.9 | 6     | 0.016  | 0   | 63.84  | 1        | 0.6138 | 10.74  | 6.5919 | 8.8 |
| 12 | 11:29 | 44   | 3.58  | 0.6  | 1.432 | 40   | 1     | 0.626  | 31.1 | 5     | 0.02   | 0   | 63.84  | 0        | 0      | 0      | 0      | 0   |
| 12 | 11:28 | 44   | 3.58  | 0.8  | 0.716 | 40   | 0     | 0.521  | 31.3 | 3     | 0.018  | 0   | 63.82  | 0        | 0      | 0      | 0      | 0   |
| 13 | 11:32 | 47   | 3.64  | 0.2  | 2.912 | 40   | 1     | 0.77   | 30.5 | 7     | 0.012  | 0   | 63.82  | 1        | 0.6439 | 10.92  | 7.0312 | 9.4 |
| 13 | 11:33 | 47   | 3.64  | 0.6  | 1.456 | 40   | 1     | 0.627  | 30.9 | 10    | 0.016  | 0   | 63.82  | 0        | 0      | 0      | 0      | 0   |
| 13 | 11:34 | 47   | 3.64  | 0.8  | 0.728 | 40   | 0     | 0.551  | 31.1 | 5     | 0.016  | 0   | 63.82  | 0        | 0      | 0      | 0      | 0   |
| 14 | 11:37 | 50   | 3.6   | 0.2  | 2.88  | 40   | 1     | 0.582  | 31.1 | 8     | 0.01   | 0   | 63.82  | 1        | 0.528  | 10.8   | 5.7022 | 7.6 |
| 14 | 11:36 | 50   | 3.6   | 0.6  | 1.44  | 40   | 0     | 0.549  | 30.5 | 8     | 0.011  | 0   | 63.82  | 0        | 0      | 0      | 0      | 0   |
| 14 | 11:35 | 50   | 3.6   | 0.8  | 0.72  | 40   | 0     | 0.433  | 30.9 | 6     | 0.01   | 0   | 63.82  | 0        | 0      | 0      | 0      | 0   |
| 15 | 11:38 | 53   | 3.58  | 0.2  | 2.864 | 40   | 0     | 0.524  | 30.9 | 8     | 0.016  | 0   | 63.82  | 1        | 0.5156 | 10.74  | 5.5375 | 7.4 |
| 15 | 11:39 | 53   | 3.58  | 0.6  | 1.432 | 40   | 0     | 0.54   | 31.1 | 2     | 0.014  | 0   | 63.82  | 0        | 0      | 0      | 0      | 0   |

|    |       |      |      |     |       |    |   |        |      |      |       |   |       |   |        |       |         |     |
|----|-------|------|------|-----|-------|----|---|--------|------|------|-------|---|-------|---|--------|-------|---------|-----|
| 15 | 11:40 | 53   | 3.58 | 0.8 | 0.716 | 40 | 3 | 0.458  | 31.6 | 11   | 0.016 | 0 | 63.82 | 0 | 0      | 0     | 0       | 0   |
| 16 | 11:42 | 56   | 3.52 | 0.2 | 2.816 | 40 | 0 | 0.42   | 31.1 | 9    | 0.015 | 0 | 63.82 | 1 | 0.3865 | 10.56 | 4.0813  | 5.4 |
| 16 | 11:42 | 56   | 3.52 | 0.6 | 1.408 | 40 | 0 | 0.389  | 31.6 | 8    | 0.011 | 0 | 63.82 | 0 | 0      | 0     | 0       | 0   |
| 16 | 11:41 | 56   | 3.52 | 0.8 | 0.704 | 40 | 0 | 0.349  | 30.7 | 1    | 0.009 | 0 | 63.82 | 0 | 0      | 0     | 0       | 0   |
| 17 | 11:44 | 59   | 3.06 | 0.2 | 2.448 | 40 | 3 | 0.347  | 31.3 | 16   | 0.008 | 0 | 63.84 | 1 | 0.2807 | 9.18  | 2.5766  | 3.4 |
| 17 | 11:46 | 59   | 3.06 | 0.6 | 1.224 | 40 | 1 | 0.303  | 31.1 | 9    | 0.006 | 0 | 63.84 | 0 | 0      | 0     | 0       | 0   |
| 17 | 11:45 | 59   | 3.06 | 0.8 | 0.612 | 40 | 0 | 0.17   | 32.2 | -20  | 0.009 | 0 | 63.82 | 0 | 0      | 0     | 0       | 0   |
| 18 | 11:48 | 62   | 2.45 | 0.2 | 1.96  | 40 | 1 | 0.262  | 30.9 | 14   | 0.013 | 0 | 63.82 | 1 | 0.2584 | 7.35  | 1.8991  | 2.5 |
| 18 | 11:47 | 62   | 2.45 | 0.8 | 0.49  | 40 | 2 | 0.255  | 30.7 | -6   | 0.007 | 0 | 63.82 | 0 | 0      | 0     | 0       | 0   |
| 19 | 11:49 | 65   | 1.7  | 0.2 | 1.36  | 40 | 0 | 0.192  | 30.5 | 17   | 0.007 | 0 | 63.81 | 1 | 0.1675 | 5.1   | 0.8542  | 1.1 |
| 19 | 11:50 | 65   | 1.7  | 0.8 | 0.34  | 40 | 0 | 0.143  | 31.1 | 2    | 0.005 | 0 | 63.84 | 0 | 0      | 0     | 0       | 0   |
| 20 | 11:51 | 68   | 1.02 | 0.6 | 0.408 | 40 | 0 | 0.112  | 29.9 | 2    | 0.003 | 0 | 63.84 | 1 | 0.1122 | 3.06  | 0.3434  | 0.5 |
| 21 | 11:52 | 71   | 0.31 | 0.6 | 0.124 | 40 | 0 | -0.021 | 46.6 | -163 | 0.008 | 0 | 63.84 | 1 | -0.021 | 0.682 | -0.0143 | 0   |
| 22 | 11:52 | 72.4 | 0    | 0   | 0     | 0  | 0 | 0      | 0    | 0    | 0     | 0 | 0     | 1 | 0      | 0     | 0       | 0   |

## DISCHARGE MEASUREMENT SUMMARY

Start Date: 04/06/2009

Start Time: 09:33:19

End Time: 10:44:15

## SITE INFORMATION

Site Name: LOR @ Rienhackel

Site Number:

Site Location: Cable-Line

## MEASUREMENT INFORMATION

Measurement #: 1

## PERSONNEL AND EQUIPMENT

Party: BFA

Boat/Motor/Platform: Boat

## RATING INFORMATION

Rating Discharge: 69.74 cfs

## SYSTEM INFORMATION

Serial #: M630

Firmware Version: 9.6

System Frequency: 3000 kHz

RiverSurveyor Ver:

## SYSTEM SETUP

# of Cells: 10

Cell Size: 0.49 ft

Blanking Distance: 0.66 ft

Measurement Mode: Discharge

Azimuth: 243.0 deg

Magnetic Declination: 0.0 deg

Salinity: 34.5 ppt

## MEASUREMENT RESULTS

|     | Distance from<br>initial position<br>ft | Width<br>ft | Total depth<br>of water<br>ft | Time<br>s | Ice<br>thickness<br>ft | Ice<br>depth<br>ft | Mean<br>velocity<br>ft/s | Velocity<br>correction | Area<br>ft2 | Discharge<br>cfs |
|-----|-----------------------------------------|-------------|-------------------------------|-----------|------------------------|--------------------|--------------------------|------------------------|-------------|------------------|
| REW | 0.00                                    | 2.50        | 0.00                          | -         | 0.00                   | 0.00               | 0.00                     | 1.00                   | 0.00        | 0.00             |
|     | 5.00                                    | 3.50        | 1.53                          | 70        | 0.00                   | 0.00               | 0.12                     | 1.00                   | 5.37        | 0.65             |
|     | 7.00                                    | 2.00        | 2.00                          | 70        | 0.00                   | 0.00               | 0.22                     | 1.00                   | 3.99        | 0.88             |
|     | 9.00                                    | 2.00        | 2.43                          | 70        | 0.00                   | 0.00               | 0.38                     | 1.00                   | 4.86        | 1.87             |
|     | 11.00                                   | 2.00        | 2.70                          | 70        | 0.00                   | 0.00               | 0.29                     | 1.00                   | 5.40        | 1.57             |
|     | 13.00                                   | 2.00        | 3.15                          | 70        | 0.00                   | 0.00               | 0.33                     | 1.00                   | 6.29        | 2.06             |
|     | 15.00                                   | 2.00        | 3.55                          | 70        | 0.00                   | 0.00               | 0.38                     | 1.00                   | 7.11        | 2.70             |
|     | 17.00                                   | 2.00        | 3.78                          | 70        | 0.00                   | 0.00               | 0.53                     | 1.00                   | 7.55        | 4.02             |
|     | 19.00                                   | 2.00        | 3.78                          | 70        | 0.00                   | 0.00               | 0.45                     | 1.00                   | 7.55        | 3.36             |
|     | 21.00                                   | 2.00        | 3.81                          | 70        | 0.00                   | 0.00               | 0.51                     | 1.00                   | 7.62        | 3.91             |
|     | 23.00                                   | 2.00        | 3.89                          | 70        | 0.00                   | 0.00               | 0.62                     | 1.00                   | 7.78        | 4.79             |
|     | 25.00                                   | 2.00        | 3.86                          | 70        | 0.00                   | 0.00               | 0.63                     | 1.00                   | 7.73        | 4.83             |
|     | 27.00                                   | 2.00        | 3.80                          | 70        | 0.00                   | 0.00               | 0.61                     | 1.00                   | 7.61        | 4.67             |
|     | 29.00                                   | 2.00        | 3.75                          | 70        | 0.00                   | 0.00               | 0.69                     | 1.00                   | 7.50        | 5.14             |
|     | 31.00                                   | 2.00        | 3.72                          | 70        | 0.00                   | 0.00               | 0.74                     | 1.00                   | 7.43        | 5.46             |
|     | 33.00                                   | 2.00        | 3.72                          | 70        | 0.00                   | 0.00               | 0.71                     | 1.00                   | 7.44        | 5.28             |
|     | 35.00                                   | 2.00        | 3.73                          | 70        | 0.00                   | 0.00               | 0.73                     | 1.00                   | 7.46        | 5.45             |
|     | 37.00                                   | 2.00        | 3.77                          | 70        | 0.00                   | 0.00               | 0.69                     | 1.00                   | 7.55        | 5.21             |
|     | 39.00                                   | 2.00        | 3.79                          | 70        | 0.00                   | 0.00               | 0.67                     | 1.00                   | 7.57        | 5.04             |
|     | 41.00                                   | 2.00        | 3.79                          | 70        | 0.00                   | 0.00               | 0.63                     | 1.00                   | 7.58        | 4.75             |
|     | 43.00                                   | 2.00        | 3.77                          | 70        | 0.00                   | 0.00               | 0.66                     | 1.00                   | 7.53        | 4.97             |
|     | 45.00                                   | 2.00        | 3.69                          | 70        | 0.00                   | 0.00               | 0.53                     | 1.00                   | 7.38        | 3.93             |
|     | 47.00                                   | 2.00        | 3.63                          | 70        | 0.00                   | 0.00               | 0.44                     | 1.00                   | 7.25        | 3.20             |
|     | 49.00                                   | 2.00        | 3.36                          | 70        | 0.00                   | 0.00               | 0.28                     | 1.00                   | 6.72        | 1.88             |
|     | 51.00                                   | 2.00        | 3.00                          | 70        | 0.00                   | 0.00               | 0.28                     | 1.00                   | 5.99        | 1.65             |
|     | 53.00                                   | 2.00        | 2.55                          | 70        | 0.00                   | 0.00               | 0.25                     | 1.00                   | 5.09        | 1.27             |
|     | 55.00                                   | 2.00        | 2.25                          | 70        | 0.00                   | 0.00               | 0.20                     | 1.00                   | 4.50        | 0.89             |
|     | 57.00                                   | 2.00        | 1.93                          | 70        | 0.00                   | 0.00               | 0.11                     | 1.00                   | 3.87        | 0.43             |
|     | 59.00                                   | 3.75        | 1.73                          | 70        | 0.00                   | 0.00               | -0.10                    | 1.00                   | 6.49        | -0.67            |

|        |       |       |      |   |      |                        |      |      |        |       |
|--------|-------|-------|------|---|------|------------------------|------|------|--------|-------|
| LEW    | 64.50 | 2.75  | 0.00 | - | 0.00 | RIEN090604.rpt<br>0.00 | 0.00 | 1.00 | 0.00   | 0.00  |
| -----  |       |       |      |   |      |                        |      |      |        |       |
| TOTALS |       | 64.50 |      |   |      |                        |      |      | 186.23 | 89.21 |
| -----  |       |       |      |   |      |                        |      |      |        |       |

WEATHER  
Partly Cloudy and Calm

COMMENTS

## DISCHARGE MEASUREMENT SUMMARY

Start Date: 05/06/2009

Start Time: 09:57:33

End Time: 10:48:40

## SITE INFORMATION

Site Name: LOR REINHACKLE

Site Number:

Site Location: CABLE

## MEASUREMENT INFORMATION

Measurement #: 1

## PERSONNEL AND EQUIPMENT

Party: BEB BFA

Boat/Motor/Platform: BOAT

## RATING INFORMATION

Rating Discharge: 69.33 cfs

## SYSTEM INFORMATION

Serial #: M630

Firmware Version: 9.6

System Frequency: 3000 kHz

RiverSurveyor Ver:

## SYSTEM SETUP

# of Cells: 8

Cell Size: 0.49 ft

Blanking Distance: 0.66 ft

Measurement Mode: Discharge

Azimuth: 243.0 deg

Magnetic Declination: 0.0 deg

Salinity: 34.5 ppt

## MEASUREMENT RESULTS

|        | Distance from<br>initial position<br>ft | Width<br>ft | Total depth<br>of water<br>ft | Time<br>s | Ice<br>thickness<br>ft | Ice<br>depth<br>ft | Mean<br>velocity<br>ft/s | Velocity<br>correction | Area<br>ft2 | Discharge<br>cfs |
|--------|-----------------------------------------|-------------|-------------------------------|-----------|------------------------|--------------------|--------------------------|------------------------|-------------|------------------|
| REW    | 0.00                                    | 2.50        | 0.00                          | -         | 0.00                   | 0.00               | 0.00                     | 1.00                   | 0.00        | 0.00             |
|        | 5.00                                    | 4.00        | 1.64                          | 70        | 0.00                   | 0.00               | 0.07                     | 1.00                   | 6.55        | 0.48             |
|        | 8.00                                    | 3.00        | 2.30                          | 70        | 0.00                   | 0.00               | 0.24                     | 1.00                   | 6.91        | 1.68             |
|        | 11.00                                   | 3.00        | 2.70                          | 70        | 0.00                   | 0.00               | 0.35                     | 1.00                   | 8.09        | 2.79             |
|        | 14.00                                   | 3.00        | 3.47                          | 70        | 0.00                   | 0.00               | 0.36                     | 1.00                   | 10.42       | 3.72             |
|        | 17.00                                   | 3.00        | 3.68                          | 70        | 0.00                   | 0.00               | 0.43                     | 1.00                   | 11.05       | 4.77             |
|        | 20.00                                   | 3.00        | 3.81                          | 70        | 0.00                   | 0.00               | 0.51                     | 1.00                   | 11.42       | 5.78             |
|        | 23.00                                   | 3.00        | 3.81                          | 70        | 0.00                   | 0.00               | 0.57                     | 1.00                   | 11.42       | 6.47             |
|        | 26.00                                   | 3.00        | 3.76                          | 70        | 0.00                   | 0.00               | 0.57                     | 1.00                   | 11.27       | 6.48             |
|        | 29.00                                   | 3.00        | 3.71                          | 70        | 0.00                   | 0.00               | 0.67                     | 1.00                   | 11.14       | 7.49             |
|        | 32.00                                   | 3.00        | 3.66                          | 70        | 0.00                   | 0.00               | 0.61                     | 1.00                   | 10.98       | 6.69             |
|        | 35.00                                   | 3.00        | 3.69                          | 70        | 0.00                   | 0.00               | 0.69                     | 1.00                   | 11.08       | 7.62             |
|        | 38.00                                   | 3.00        | 3.74                          | 70        | 0.00                   | 0.00               | 0.55                     | 1.00                   | 11.22       | 6.19             |
|        | 41.00                                   | 3.00        | 3.69                          | 70        | 0.00                   | 0.00               | 0.57                     | 1.00                   | 11.07       | 6.31             |
|        | 44.00                                   | 3.00        | 3.64                          | 70        | 0.00                   | 0.00               | 0.55                     | 1.00                   | 10.92       | 6.05             |
|        | 47.00                                   | 3.00        | 3.50                          | 70        | 0.00                   | 0.00               | 0.45                     | 1.00                   | 10.49       | 4.69             |
|        | 50.00                                   | 3.00        | 3.09                          | 70        | 0.00                   | 0.00               | 0.33                     | 1.00                   | 9.27        | 3.09             |
|        | 53.00                                   | 3.00        | 2.46                          | 70        | 0.00                   | 0.00               | 0.20                     | 1.00                   | 7.38        | 1.48             |
|        | 56.00                                   | 5.00        | 2.13                          | 70        | 0.00                   | 0.00               | 0.01                     | 1.00                   | 10.67       | 0.12             |
| LEW    | 63.00                                   | 3.50        | 0.00                          | -         | 0.00                   | 0.00               | 0.00                     | 1.00                   | 0.00        | 0.00             |
| TOTALS |                                         | 63.00       |                               |           |                        |                    |                          |                        | 181.35      | 81.90            |

## WEATHER

CL S-5

## COMMENTS

## DISCHARGE MEASUREMENT SUMMARY

Start Date: 06/06/2009

Start Time: 10:30:44

End Time: 11:14:54

## SITE INFORMATION

Site Name: LOR @ Rienhackel

Site Number:

Site Location: Cable-Line

## MEASUREMENT INFORMATION

Measurement #: 1

## PERSONNEL AND EQUIPMENT

Party: BFA

Boat/Motor/Platform: Boat

## RATING INFORMATION

Rating Discharge: 74.99 cfs

## SYSTEM INFORMATION

Serial #: M630

Firmware Version: 9.6

System Frequency: 3000 kHz

RiverSurveyor Ver: 1.20

## SYSTEM SETUP

# of Cells: 8

Cell Size: 0.49 ft

Blanking Distance: 0.66 ft

Measurement Mode: Discharge

Azimuth: 243.0 deg

Magnetic Declination: 0.0 deg

Salinity: 34.5 ppt

## MEASUREMENT RESULTS

|        | Distance from<br>initial position<br>ft | Width<br>ft | Total depth<br>of water<br>ft | Time<br>s | Ice<br>thickness<br>ft | Ice<br>depth<br>ft | Mean<br>velocity<br>ft/s | Velocity<br>correction | Area<br>ft2 | Discharge<br>cfs |
|--------|-----------------------------------------|-------------|-------------------------------|-----------|------------------------|--------------------|--------------------------|------------------------|-------------|------------------|
| -----  |                                         |             |                               |           |                        |                    |                          |                        |             |                  |
| REW    | 0.00                                    | 2.50        | 0.00                          | -         | 0.00                   | 0.00               | 0.00                     | 1.00                   | 0.00        | 0.00             |
|        | 5.00                                    | 4.00        | 1.50                          | 70        | 0.00                   | 0.00               | 0.16                     | 1.00                   | 5.99        | 0.96             |
|        | 8.00                                    | 3.00        | 2.17                          | 70        | 0.00                   | 0.00               | 0.21                     | 1.00                   | 6.52        | 1.34             |
|        | 11.00                                   | 3.00        | 2.69                          | 70        | 0.00                   | 0.00               | 0.28                     | 1.00                   | 8.07        | 2.30             |
|        | 14.00                                   | 3.00        | 3.36                          | 70        | 0.00                   | 0.00               | 0.31                     | 1.00                   | 10.09       | 3.09             |
|        | 17.00                                   | 3.00        | 3.60                          | 70        | 0.00                   | 0.00               | 0.36                     | 1.00                   | 10.79       | 3.86             |
|        | 20.00                                   | 3.00        | 3.66                          | 70        | 0.00                   | 0.00               | 0.47                     | 1.00                   | 10.99       | 5.20             |
|        | 23.00                                   | 3.00        | 3.68                          | 70        | 0.00                   | 0.00               | 0.49                     | 1.00                   | 11.04       | 5.36             |
|        | 26.00                                   | 3.00        | 3.62                          | 70        | 0.00                   | 0.00               | 0.54                     | 1.00                   | 10.87       | 5.85             |
|        | 29.00                                   | 3.00        | 3.56                          | 70        | 0.00                   | 0.00               | 0.62                     | 1.00                   | 10.67       | 6.63             |
|        | 32.00                                   | 3.00        | 3.54                          | 70        | 0.00                   | 0.00               | 0.66                     | 1.00                   | 10.62       | 6.98             |
|        | 35.00                                   | 3.00        | 3.57                          | 70        | 0.00                   | 0.00               | 0.60                     | 1.00                   | 10.70       | 6.46             |
|        | 38.00                                   | 3.00        | 3.62                          | 70        | 0.00                   | 0.00               | 0.60                     | 1.00                   | 10.86       | 6.54             |
|        | 41.00                                   | 3.00        | 3.53                          | 70        | 0.00                   | 0.00               | 0.46                     | 1.00                   | 10.59       | 4.90             |
|        | 44.00                                   | 3.00        | 3.45                          | 70        | 0.00                   | 0.00               | 0.38                     | 1.00                   | 10.34       | 3.90             |
|        | 47.00                                   | 3.00        | 3.29                          | 70        | 0.00                   | 0.00               | 0.36                     | 1.00                   | 9.86        | 3.58             |
|        | 50.00                                   | 3.00        | 2.87                          | 70        | 0.00                   | 0.00               | 0.25                     | 1.00                   | 8.61        | 2.13             |
|        | 53.00                                   | 3.00        | 2.25                          | 70        | 0.00                   | 0.00               | 0.16                     | 1.00                   | 6.75        | 1.06             |
|        | 56.00                                   | 3.00        | 1.93                          | 70        | 0.00                   | 0.00               | 0.06                     | 1.00                   | 5.78        | 0.37             |
|        | 59.00                                   | 3.75        | 1.10                          | 70        | 0.00                   | 0.00               | 0.01                     | 1.00                   | 4.14        | 0.03             |
| LEW    | 63.50                                   | 2.25        | 0.00                          | -         | 0.00                   | 0.00               | 0.00                     | 1.00                   | 0.00        | 0.00             |
| -----  |                                         |             |                               |           |                        |                    |                          |                        |             |                  |
| TOTALS |                                         | 63.50       |                               |           |                        |                    |                          |                        | 173.28      | 70.55            |
| -----  |                                         |             |                               |           |                        |                    |                          |                        |             |                  |

## WEATHER

Cloudy and N 1-5 mph

## COMMENTS



## DISCHARGE MEASUREMENT SUMMARY

Start Date: 08/06/2009

Start Time: 10:27:39

End Time: 11:17:25

## SITE INFORMATION

Site Name: LOR @ Rienhackel

Site Number:

Site Location: Cable-Line

## MEASUREMENT INFORMATION

Measurement #: 1

## PERSONNEL AND EQUIPMENT

Party: BFA

Boat/Motor/Platform: Boat

## RATING INFORMATION

Rating Discharge: 65.08 cfs

## SYSTEM INFORMATION

Serial #: M630

Firmware Version: 9.6

System Frequency: 3000 kHz

RiverSurveyor Ver: 1.20

## SYSTEM SETUP

# of Cells: 8

Cell Size: 0.49 ft

Blanking Distance: 0.66 ft

Measurement Mode: Discharge

Azimuth: 243.0 deg

Magnetic Declination: 0.0 deg

Salinity: 34.5 ppt

## MEASUREMENT RESULTS

|        | Distance from<br>initial position<br>ft | Width<br>ft | Total depth<br>of water<br>ft | Time<br>s | Ice<br>thickness<br>ft | Ice<br>depth<br>ft | Mean<br>velocity<br>ft/s | Velocity<br>correction | Area<br>ft2 | Discharge<br>cfs |
|--------|-----------------------------------------|-------------|-------------------------------|-----------|------------------------|--------------------|--------------------------|------------------------|-------------|------------------|
| REW    | 0.00                                    | 2.50        | 0.00                          | -         | 0.00                   | 0.00               | 0.00                     | 1.00                   | 0.00        | 0.00             |
|        | 5.00                                    | 4.00        | 1.51                          | 70        | 0.00                   | 0.00               | -0.01                    | 1.00                   | 6.04        | -0.05            |
|        | 8.00                                    | 3.00        | 2.05                          | 70        | 0.00                   | 0.00               | 0.24                     | 1.00                   | 6.14        | 1.49             |
|        | 11.00                                   | 3.00        | 2.53                          | 70        | 0.00                   | 0.00               | 0.39                     | 1.00                   | 7.59        | 2.97             |
|        | 14.00                                   | 3.00        | 3.25                          | 70        | 0.00                   | 0.00               | 0.43                     | 1.00                   | 9.76        | 4.16             |
|        | 17.00                                   | 3.00        | 3.36                          | 70        | 0.00                   | 0.00               | 0.34                     | 1.00                   | 10.07       | 3.42             |
|        | 20.00                                   | 3.00        | 3.41                          | 70        | 0.00                   | 0.00               | 0.41                     | 1.00                   | 10.23       | 4.21             |
|        | 23.00                                   | 3.00        | 3.37                          | 70        | 0.00                   | 0.00               | 0.43                     | 1.00                   | 10.12       | 4.37             |
|        | 26.00                                   | 3.00        | 3.35                          | 70        | 0.00                   | 0.00               | 0.50                     | 1.00                   | 10.06       | 4.99             |
|        | 29.00                                   | 3.00        | 3.32                          | 70        | 0.00                   | 0.00               | 0.51                     | 1.00                   | 9.96        | 5.04             |
|        | 32.00                                   | 3.00        | 3.30                          | 70        | 0.00                   | 0.00               | 0.59                     | 1.00                   | 9.89        | 5.82             |
|        | 35.00                                   | 3.00        | 3.32                          | 70        | 0.00                   | 0.00               | 0.58                     | 1.00                   | 9.95        | 5.78             |
|        | 38.00                                   | 3.00        | 3.35                          | 70        | 0.00                   | 0.00               | 0.63                     | 1.00                   | 10.06       | 6.30             |
|        | 41.00                                   | 3.00        | 3.27                          | 70        | 0.00                   | 0.00               | 0.56                     | 1.00                   | 9.81        | 5.48             |
|        | 44.00                                   | 3.00        | 3.23                          | 70        | 0.00                   | 0.00               | 0.36                     | 1.00                   | 9.69        | 3.51             |
|        | 47.00                                   | 3.00        | 3.00                          | 70        | 0.00                   | 0.00               | 0.33                     | 1.00                   | 9.01        | 2.96             |
|        | 50.00                                   | 3.00        | 2.49                          | 70        | 0.00                   | 0.00               | 0.28                     | 1.00                   | 7.47        | 2.07             |
|        | 53.00                                   | 3.00        | 2.15                          | 70        | 0.00                   | 0.00               | 0.17                     | 1.00                   | 6.45        | 1.10             |
|        | 56.00                                   | 4.50        | 1.72                          | 70        | 0.00                   | 0.00               | 0.08                     | 1.00                   | 7.72        | 0.65             |
| LEW    | 62.00                                   | 3.00        | 0.00                          | -         | 0.00                   | 0.00               | 0.00                     | 1.00                   | 0.00        | 0.00             |
| TOTALS |                                         | 62.00       |                               |           |                        |                    |                          |                        | 160.03      | 64.27            |

## WEATHER

Partly Cloudy and S 1-5 mph

## COMMENTS



## DISCHARGE MEASUREMENT SUMMARY

Start Date: 16/06/2009

Start Time: 10:50:37

End Time: 11:33:52

## SITE INFORMATION

Site Name: LOR @ Rienhackel

Site Number:

Site Location: Cable-Line

## MEASUREMENT INFORMATION

Measurement #: 1

## PERSONNEL AND EQUIPMENT

Party: BFA

Boat/Motor/Platform: Boat

## RATING INFORMATION

Rating Discharge: 51.16 cfs

## SYSTEM INFORMATION

Serial #: M630

Firmware Version: 9.6

System Frequency: 3000 kHz

RiverSurveyor Ver: 1.20

## SYSTEM SETUP

# of Cells: 8

Cell Size: 0.49 ft

Blanking Distance: 0.66 ft

Measurement Mode: Discharge

Azimuth: 243.0 deg

Magnetic Declination: 0.0 deg

Salinity: 34.5 ppt

## MEASUREMENT RESULTS

|        | Distance from<br>initial position<br>ft | Width<br>ft | Total depth<br>of water<br>ft | Time<br>s | Ice<br>thickness<br>ft | Ice<br>depth<br>ft | Mean<br>velocity<br>ft/s | Velocity<br>correction | Area<br>ft2 | Discharge<br>cfs |
|--------|-----------------------------------------|-------------|-------------------------------|-----------|------------------------|--------------------|--------------------------|------------------------|-------------|------------------|
| REW    | 0.00                                    | 2.50        | 0.00                          | -         | 0.00                   | 0.00               | 0.00                     | 1.00                   | 0.00        | 0.00             |
|        | 5.00                                    | 4.00        | 1.15                          | 70        | 0.00                   | 0.00               | 0.15                     | 1.00                   | 4.62        | 0.68             |
|        | 8.00                                    | 3.00        | 1.45                          | 70        | 0.00                   | 0.00               | 0.15                     | 1.00                   | 4.35        | 0.67             |
|        | 11.00                                   | 3.00        | 2.30                          | 70        | 0.00                   | 0.00               | 0.19                     | 1.00                   | 6.90        | 1.33             |
|        | 14.00                                   | 3.00        | 2.86                          | 70        | 0.00                   | 0.00               | 0.26                     | 1.00                   | 8.57        | 2.25             |
|        | 17.00                                   | 3.00        | 2.97                          | 70        | 0.00                   | 0.00               | 0.37                     | 1.00                   | 8.90        | 3.28             |
|        | 20.00                                   | 3.00        | 2.99                          | 70        | 0.00                   | 0.00               | 0.33                     | 1.00                   | 8.98        | 2.96             |
|        | 23.00                                   | 3.00        | 2.99                          | 70        | 0.00                   | 0.00               | 0.41                     | 1.00                   | 8.98        | 3.72             |
|        | 26.00                                   | 3.00        | 3.00                          | 70        | 0.00                   | 0.00               | 0.59                     | 1.00                   | 8.99        | 5.32             |
|        | 29.00                                   | 3.00        | 2.97                          | 70        | 0.00                   | 0.00               | 0.44                     | 1.00                   | 8.91        | 3.90             |
|        | 32.00                                   | 3.00        | 2.94                          | 70        | 0.00                   | 0.00               | 0.54                     | 1.00                   | 8.83        | 4.73             |
|        | 35.00                                   | 3.00        | 2.97                          | 70        | 0.00                   | 0.00               | 0.52                     | 1.00                   | 8.91        | 4.63             |
|        | 38.00                                   | 3.00        | 2.94                          | 70        | 0.00                   | 0.00               | 0.43                     | 1.00                   | 8.82        | 3.81             |
|        | 41.00                                   | 3.00        | 2.87                          | 70        | 0.00                   | 0.00               | 0.45                     | 1.00                   | 8.60        | 3.84             |
|        | 44.00                                   | 3.00        | 2.83                          | 70        | 0.00                   | 0.00               | 0.41                     | 1.00                   | 8.50        | 3.52             |
|        | 47.00                                   | 3.00        | 2.56                          | 70        | 0.00                   | 0.00               | 0.28                     | 1.00                   | 7.68        | 2.15             |
|        | 50.00                                   | 3.00        | 2.10                          | 70        | 0.00                   | 0.00               | 0.36                     | 1.00                   | 6.29        | 2.28             |
|        | 53.00                                   | 4.25        | 1.50                          | 70        | 0.00                   | 0.00               | -0.15                    | 1.00                   | 6.39        | -0.98            |
| LEW    | 58.50                                   | 2.75        | 0.00                          | -         | 0.00                   | 0.00               | 0.00                     | 1.00                   | 0.00        | 0.00             |
| TOTALS |                                         | 58.50       |                               |           |                        |                    |                          |                        | 133.23      | 48.10            |

## WEATHER

Cloudy and Calm

## COMMENTS

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 1   | 0    | 1      | 20     | 0.551     | -0.069    | 2.53  | 0.02      | 0.016     | 0         | 54.6 | 51.2 | 66.7 | 162        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 0    | 11     | 20     | 0.591     | -0.098    | 2.53  | 0.016     | 0.016     | 0         | 54.6 | 51.2 | 67.1 | 162        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 0    | 21     | 20     | 0.541     | -0.059    | 2.533 | 0.02      | 0.016     | 0         | 54.6 | 51.2 | 66.2 | 162        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 0    | 31     | 20     | 0.558     | -0.079    | 2.533 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 66.2 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 0    | 41     | 20     | 0.535     | -0.085    | 2.536 | 0.02      | 0.016     | 0         | 54.6 | 51.6 | 65.8 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 0    | 51     | 20     | 0.525     | -0.089    | 2.539 | 0.016     | 0.016     | 0         | 54.6 | 51.2 | 66.2 | 162        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 1    | 1      | 20     | 0.541     | -0.075    | 2.543 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 66.7 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 1    | 11     | 20     | 0.564     | -0.069    | 2.543 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 66.2 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 1    | 21     | 20     | 0.551     | -0.102    | 2.543 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 67.9 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 1    | 31     | 20     | 0.528     | -0.092    | 2.543 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 67.5 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 1    | 41     | 20     | 0.581     | -0.069    | 2.546 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 68.4 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 1    | 51     | 20     | 0.535     | -0.082    | 2.546 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 68.8 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 2    | 1      | 20     | 0.531     | -0.118    | 2.546 | 0.02      | 0.016     | 0         | 54.2 | 51.6 | 68.8 | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 2    | 11     | 20     | 0.545     | -0.098    | 2.546 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 69.2 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 2    | 21     | 20     | 0.545     | -0.115    | 2.546 | 0.016     | 0.016     | 0         | 54.6 | 51.2 | 69.7 | 162        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 2    | 31     | 20     | 0.492     | -0.085    | 2.549 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 70.5 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 2    | 41     | 20     | 0.531     | -0.118    | 2.549 | 0.016     | 0.016     | 0         | 54.2 | 50.7 | 70.5 | 161        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 2    | 51     | 20     | 0.528     | -0.059    | 2.549 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 71.4 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 3    | 1      | 20     | 0.568     | -0.098    | 2.549 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 68.8 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 3    | 11     | 20     | 0.581     | -0.095    | 2.549 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 70.1 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 3    | 21     | 20     | 0.531     | -0.102    | 2.549 | 0.02      | 0.016     | 0         | 53.8 | 51.2 | 69.2 | 160        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 3    | 31     | 20     | 0.525     | -0.095    | 2.549 | 0.02      | 0.016     | 0         | 54.6 | 51.2 | 69.7 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 3    | 41     | 20     | 0.541     | -0.072    | 2.549 | 0.02      | 0.016     | 0         | 54.2 | 52   | 69.2 | 161        | 153        | 0          | 35     | 32     |
| 2009 | 6     | 1   | 3    | 51     | 20     | 0.558     | -0.056    | 2.549 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 69.2 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 4    | 1      | 20     | 0.522     | -0.085    | 2.552 | 0.02      | 0.016     | 0         | 53.3 | 50.7 | 69.7 | 160        | 152        | 0          | 36     | 34     |
| 2009 | 6     | 1   | 4    | 11     | 20     | 0.571     | -0.072    | 2.552 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 69.7 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 4    | 21     | 20     | 0.577     | -0.066    | 2.552 | 0.02      | 0.016     | 0         | 53.8 | 51.2 | 69.7 | 160        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 4    | 31     | 20     | 0.548     | -0.072    | 2.552 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 69.2 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 4    | 41     | 20     | 0.518     | -0.085    | 2.552 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 69.2 | 160        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 4    | 51     | 20     | 0.509     | -0.095    | 2.552 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 69.2 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 5    | 1      | 20     | 0.525     | -0.105    | 2.552 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 69.2 | 160        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 5    | 11     | 20     | 0.614     | -0.089    | 2.552 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 68.8 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 5    | 21     | 20     | 0.604     | -0.066    | 2.552 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 68.8 | 161        | 153        | 0          | 36     | 34     |
| 2009 | 6     | 1   | 5    | 31     | 20     | 0.574     | -0.082    | 2.552 | 0.016     | 0.013     | 0         | 54.6 | 51.6 | 68.4 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 5    | 41     | 20     | 0.6       | -0.059    | 2.556 | 0.016     | 0.016     | 0         | 54.2 | 52   | 67.1 | 161        | 153        | 0          | 35     | 32     |
| 2009 | 6     | 1   | 5    | 51     | 20     | 0.581     | -0.033    | 2.556 | 0.016     | 0.013     | 0         | 54.6 | 51.2 | 68.4 | 162        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 6    | 1      | 20     | 0.554     | -0.075    | 2.556 | 0.02      | 0.016     | 0         | 54.6 | 51.2 | 68.4 | 162        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 6    | 11     | 20     | 0.541     | -0.089    | 2.556 | 0.016     | 0.016     | 0         | 54.6 | 51.2 | 67.5 | 162        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 6    | 21     | 20     | 0.607     | -0.066    | 2.556 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 67.1 | 161        | 152        | 0          | 36     | 33     |
| 2009 | 6     | 1   | 6    | 31     | 20     | 0.541     | -0.049    | 2.559 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 67.1 | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 6    | 41     | 20     | 0.558     | -0.062    | 2.559 | 0.016     | 0.016     | 0         | 54.6 | 51.2 | 67.5 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 6    | 51     | 20     | 0.538     | -0.102    | 2.559 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 67.9 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 7    | 1      | 20     | 0.561     | -0.075    | 2.559 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 66.2 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 7    | 11     | 20     | 0.518     | -0.075    | 2.559 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 67.1 | 161        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 7    | 21     | 20     | 0.548     | -0.079    | 2.562 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 67.5 | 160        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 7    | 31     | 20     | 0.518     | -0.069    | 2.562 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 67.5 | 160        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 7    | 41     | 20     | 0.551     | -0.066    | 2.562 | 0.023     | 0.02      | 0         | 54.2 | 50.7 | 66.7 | 161        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 7    | 51     | 20     | 0.564     | -0.105    | 2.566 | 0.016     | 0.016     | 0         | 54.2 | 50.3 | 66.7 | 160        | 151        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 1   | 8    | 1      | 20     | 0.541     | -0.072    | 2.569 | 0.02      | 0.016     | 0         | 53.8 | 50.7 | 66.7 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 8    | 11     | 20     | 0.509     | -0.079    | 2.569 | 0.016     | 0.016     | 0         | 54.2 | 50.3 | 66.2 | 161        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 8    | 21     | 20     | 0.568     | -0.066    | 2.572 | 0.016     | 0.016     | 0         | 54.6 | 50.7 | 66.7 | 162        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 8    | 31     | 20     | 0.512     | -0.059    | 2.575 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 66.2 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 8    | 41     | 20     | 0.564     | -0.082    | 2.575 | 0.016     | 0.013     | 0         | 54.2 | 50.7 | 66.2 | 161        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 8    | 51     | 20     | 0.545     | -0.049    | 2.575 | 0.016     | 0.016     | 0         | 54.6 | 51.2 | 67.1 | 162        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 9    | 1      | 20     | 0.571     | -0.085    | 2.579 | 0.016     | 0.013     | 0         | 54.6 | 50.7 | 67.5 | 161        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 9    | 11     | 20     | 0.515     | -0.079    | 2.579 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 67.9 | 161        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 9    | 21     | 20     | 0.509     | -0.039    | 2.579 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 67.9 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 9    | 31     | 20     | 0.554     | -0.095    | 2.579 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 67.9 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 9    | 41     | 20     | 0.568     | -0.098    | 2.582 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 67.9 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 9    | 51     | 20     | 0.587     | -0.082    | 2.582 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 68.8 | 161        | 152        | 0          | 36     | 33     |
| 2009 | 6     | 1   | 10   | 1      | 20     | 0.561     | -0.075    | 2.582 | 0.02      | 0.016     | 0         | 54.6 | 50.7 | 68.8 | 161        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 10   | 11     | 20     | 0.564     | -0.069    | 2.582 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 69.2 | 161        | 152        | 0          | 36     | 33     |
| 2009 | 6     | 1   | 10   | 21     | 20     | 0.591     | -0.102    | 2.585 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 69.7 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 10   | 31     | 20     | 0.505     | -0.102    | 2.585 | 0.016     | 0.016     | 0         | 54.2 | 50.7 | 69.2 | 161        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 10   | 41     | 20     | 0.525     | -0.069    | 2.585 | 0.016     | 0.016     | 0         | 54.2 | 50.7 | 67.9 | 161        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 10   | 51     | 20     | 0.568     | -0.085    | 2.585 | 0.016     | 0.013     | 0         | 54.2 | 50.7 | 67.9 | 161        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 11   | 1      | 20     | 0.528     | -0.069    | 2.585 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 69.7 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 11   | 11     | 20     | 0.541     | -0.105    | 2.589 | 0.016     | 0.016     | 0         | 54.2 | 50.7 | 62.4 | 161        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 11   | 21     | 20     | 0.574     | -0.072    | 2.589 | 0.02      | 0.016     | 0         | 53.8 | 50.7 | 66.7 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 11   | 31     | 20     | 0.528     | -0.082    | 2.589 | 0.016     | 0.013     | 0         | 54.2 | 50.7 | 60.6 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 11   | 41     | 20     | 0.587     | -0.062    | 2.589 | 0.02      | 0.016     | 0         | 53.8 | 50.7 | 61.1 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 11   | 51     | 20     | 0.538     | -0.069    | 2.592 | 0.02      | 0.016     | 0         | 53.8 | 50.3 | 64.1 | 160        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 12   | 1      | 20     | 0.561     | -0.056    | 2.592 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 71   | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 12   | 11     | 20     | 0.577     | -0.049    | 2.592 | 0.02      | 0.016     | 0         | 53.3 | 49.9 | 58.5 | 159        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 12   | 21     | 20     | 0.564     | -0.095    | 2.592 | 0.02      | 0.016     | 0         | 53.8 | 50.3 | 61.9 | 160        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 12   | 31     | 20     | 0.522     | -0.079    | 2.592 | 0.02      | 0.016     | 0         | 53.8 | 50.7 | 49.9 | 159        | 150        | 0          | 34     | 32     |
| 2009 | 6     | 1   | 12   | 41     | 20     | 0.548     | -0.069    | 2.592 | 0.016     | 0.016     | 0         | 54.2 | 50.7 | 51.6 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 12   | 51     | 20     | 0.548     | -0.069    | 2.595 | 0.016     | 0.016     | 0         | 53.8 | 50.3 | 48.6 | 160        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 13   | 1      | 20     | 0.617     | -0.075    | 2.592 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 47.3 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 13   | 11     | 20     | 0.577     | -0.072    | 2.595 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 55.5 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 13   | 21     | 20     | 0.545     | -0.115    | 2.595 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 51.2 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 13   | 31     | 20     | 0.597     | -0.043    | 2.595 | 0.02      | 0.016     | 0         | 53.8 | 50.7 | 54.2 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 13   | 41     | 20     | 0.581     | -0.049    | 2.595 | 0.02      | 0.016     | 0         | 53.8 | 50.7 | 52   | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 13   | 51     | 20     | 0.577     | -0.03     | 2.598 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 64.9 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 14   | 1      | 20     | 0.558     | -0.098    | 2.598 | 0.02      | 0.016     | 0         | 53.3 | 50.7 | 55   | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 14   | 11     | 20     | 0.551     | -0.108    | 2.598 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 51.6 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 14   | 21     | 20     | 0.591     | -0.075    | 2.598 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 59.3 | 159        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 14   | 31     | 20     | 0.564     | -0.052    | 2.598 | 0.02      | 0.016     | 0         | 53.3 | 50.3 | 55.5 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 14   | 41     | 20     | 0.604     | -0.056    | 2.598 | 0.02      | 0.016     | 0         | 53.8 | 50.7 | 70.5 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 14   | 51     | 20     | 0.584     | -0.072    | 2.598 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 58.9 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 15   | 1      | 20     | 0.554     | -0.079    | 2.602 | 0.016     | 0.013     | 0         | 54.2 | 50.7 | 53.3 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 15   | 11     | 20     | 0.564     | -0.085    | 2.602 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 66.2 | 161        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 15   | 21     | 20     | 0.65      | -0.102    | 2.602 | 0.02      | 0.016     | 0         | 55   | 51.6 | 64.9 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 15   | 31     | 20     | 0.581     | -0.049    | 2.602 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 58.5 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 15   | 41     | 20     | 0.61      | -0.023    | 2.602 | 0.016     | 0.013     | 0         | 54.6 | 51.6 | 56.3 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 15   | 51     | 20     | 0.584     | -0.072    | 2.605 | 0.02      | 0.016     | 0         | 55   | 51.6 | 62.8 | 162        | 153        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 1   | 16   | 1      | 20     | 0.554     | -0.072    | 2.605 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 68.8 | 160        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 16   | 11     | 20     | 0.548     | -0.089    | 2.605 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 67.5 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 16   | 21     | 20     | 0.614     | -0.075    | 2.605 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 68.8 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 16   | 31     | 20     | 0.633     | -0.102    | 2.605 | 0.016     | 0.016     | 0         | 54.2 | 52   | 68.4 | 161        | 153        | 0          | 35     | 32     |
| 2009 | 6     | 1   | 16   | 41     | 20     | 0.548     | -0.089    | 2.605 | 0.016     | 0.016     | 0         | 54.6 | 52   | 66.2 | 161        | 153        | 0          | 34     | 32     |
| 2009 | 6     | 1   | 16   | 51     | 20     | 0.564     | -0.033    | 2.608 | 0.016     | 0.013     | 0         | 54.6 | 51.6 | 66.7 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 17   | 1      | 20     | 0.61      | -0.066    | 2.608 | 0.016     | 0.013     | 0         | 54.6 | 51.6 | 54.6 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 17   | 11     | 20     | 0.587     | -0.079    | 2.608 | 0.02      | 0.016     | 0         | 54.2 | 51.6 | 63.2 | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 17   | 21     | 20     | 0.604     | -0.056    | 2.612 | 0.016     | 0.016     | 0         | 54.6 | 51.2 | 66.2 | 162        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 17   | 31     | 20     | 0.61      | -0.095    | 2.612 | 0.02      | 0.016     | 0         | 54.6 | 51.6 | 67.1 | 161        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 1   | 17   | 41     | 20     | 0.623     | -0.075    | 2.618 | 0.016     | 0.016     | 0         | 55   | 51.6 | 66.7 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 17   | 51     | 20     | 0.515     | -0.056    | 2.618 | 0.016     | 0.016     | 0         | 55   | 51.2 | 67.1 | 162        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 18   | 1      | 20     | 0.6       | -0.059    | 2.621 | 0.02      | 0.016     | 0         | 55   | 51.2 | 67.1 | 162        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 18   | 11     | 20     | 0.65      | -0.049    | 2.625 | 0.02      | 0.016     | 0         | 54.6 | 51.2 | 67.5 | 162        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 18   | 21     | 20     | 0.587     | -0.056    | 2.625 | 0.016     | 0.013     | 0         | 54.6 | 51.6 | 67.5 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 18   | 31     | 20     | 0.62      | -0.066    | 2.625 | 0.016     | 0.016     | 0         | 54.6 | 51.2 | 68.4 | 162        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 18   | 41     | 20     | 0.597     | -0.052    | 2.628 | 0.016     | 0.016     | 0         | 54.6 | 51.2 | 68.8 | 162        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 18   | 51     | 20     | 0.6       | -0.075    | 2.628 | 0.02      | 0.016     | 0         | 55   | 50.7 | 68.8 | 162        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 19   | 1      | 20     | 0.591     | -0.082    | 2.628 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 69.7 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 19   | 11     | 20     | 0.6       | -0.075    | 2.628 | 0.016     | 0.013     | 0         | 54.6 | 51.2 | 69.7 | 162        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 19   | 21     | 20     | 0.64      | -0.085    | 2.631 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 70.1 | 161        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 1   | 19   | 31     | 20     | 0.617     | -0.085    | 2.631 | 0.02      | 0.016     | 0         | 54.6 | 51.2 | 71.4 | 162        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 19   | 41     | 20     | 0.574     | -0.082    | 2.631 | 0.02      | 0.016     | 0         | 54.6 | 51.2 | 71   | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 19   | 51     | 20     | 0.614     | -0.095    | 2.631 | 0.016     | 0.013     | 0         | 54.6 | 51.2 | 70.5 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 20   | 1      | 20     | 0.597     | -0.089    | 2.631 | 0.023     | 0.02      | 0         | 54.6 | 50.7 | 71.8 | 161        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 20   | 11     | 20     | 0.63      | -0.026    | 2.631 | 0.016     | 0.016     | 0         | 54.6 | 50.7 | 71   | 161        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 1   | 20   | 21     | 20     | 0.633     | -0.092    | 2.631 | 0.02      | 0.016     | 0         | 54.6 | 51.2 | 70.1 | 162        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 20   | 31     | 20     | 0.636     | -0.062    | 2.635 | 0.016     | 0.016     | 0         | 54.6 | 50.7 | 69.7 | 162        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 1   | 20   | 41     | 20     | 0.673     | -0.085    | 2.635 | 0.016     | 0.013     | 0         | 55   | 51.2 | 70.1 | 162        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 20   | 51     | 20     | 0.61      | -0.072    | 2.635 | 0.016     | 0.013     | 0         | 54.6 | 51.6 | 70.5 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 21   | 1      | 20     | 0.541     | -0.085    | 2.635 | 0.016     | 0.016     | 0         | 55   | 51.6 | 69.7 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 21   | 11     | 20     | 0.577     | -0.046    | 2.635 | 0.016     | 0.016     | 0         | 52   | 51.2 | 69.7 | 156        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 21   | 21     | 20     | 0.584     | -0.066    | 2.638 | 0.016     | 0.016     | 0         | 55   | 51.2 | 68.8 | 162        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 21   | 31     | 20     | 0.643     | -0.112    | 2.638 | 0.02      | 0.016     | 0         | 52   | 51.2 | 68.8 | 156        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 21   | 41     | 20     | 0.551     | -0.092    | 2.638 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 67.5 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 21   | 51     | 20     | 0.587     | -0.062    | 2.638 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 67.1 | 162        | 152        | 0          | 35     | 32     |
| 2009 | 6     | 1   | 22   | 1      | 20     | 0.597     | -0.082    | 2.638 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 67.9 | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 22   | 11     | 20     | 0.61      | -0.062    | 2.638 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 67.5 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 22   | 21     | 20     | 0.584     | -0.059    | 2.638 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 67.5 | 161        | 152        | 0          | 35     | 32     |
| 2009 | 6     | 1   | 22   | 31     | 20     | 0.574     | -0.098    | 2.641 | 0.016     | 0.016     | 0         | 53.8 | 50.3 | 67.1 | 160        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 22   | 41     | 20     | 0.6       | -0.115    | 2.641 | 0.02      | 0.016     | 0         | 53.8 | 50.7 | 67.1 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 22   | 51     | 20     | 0.627     | -0.085    | 2.641 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 65.8 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 23   | 1      | 20     | 0.614     | -0.066    | 2.641 | 0.02      | 0.016     | 0         | 54.2 | 50.3 | 66.2 | 160        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 1   | 23   | 11     | 20     | 0.564     | -0.039    | 2.644 | 0.016     | 0.016     | 0         | 54.2 | 50.7 | 64.9 | 160        | 150        | 0          | 34     | 32     |
| 2009 | 6     | 1   | 23   | 21     | 20     | 0.584     | -0.075    | 2.648 | 0.016     | 0.013     | 0         | 53.8 | 50.3 | 65.4 | 160        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 23   | 31     | 20     | 0.623     | -0.098    | 2.651 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 65.4 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 23   | 41     | 20     | 0.607     | -0.085    | 2.654 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 66.2 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 1   | 23   | 51     | 20     | 0.627     | -0.092    | 2.657 | 0.02      | 0.016     | 0         | 54.2 | 50.3 | 65.8 | 160        | 150        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 2   | 0    | 1      | 20     | 0.617     | -0.098    | 2.657 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 66.7 | 160        | 150        | 0          | 35     | 32     |
| 2009 | 6     | 2   | 0    | 11     | 20     | 0.594     | -0.049    | 2.661 | 0.016     | 0.013     | 0         | 53.8 | 50.3 | 67.1 | 160        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 0    | 21     | 20     | 0.568     | -0.085    | 2.661 | 0.02      | 0.016     | 0         | 53.3 | 49.9 | 67.1 | 159        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 0    | 31     | 20     | 0.574     | -0.118    | 2.661 | 0.02      | 0.016     | 0         | 53.8 | 50.7 | 67.1 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 0    | 41     | 20     | 0.636     | -0.056    | 2.664 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 68.4 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 0    | 51     | 20     | 0.627     | -0.082    | 2.664 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 68.8 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 1    | 1      | 20     | 0.623     | -0.069    | 2.664 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 68.4 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 1    | 11     | 20     | 0.554     | -0.092    | 2.664 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 68.8 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 1    | 21     | 20     | 0.627     | -0.075    | 2.667 | 0.016     | 0.013     | 0         | 53.3 | 49.9 | 70.1 | 159        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 1    | 31     | 20     | 0.6       | -0.066    | 2.667 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 68.8 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 1    | 41     | 20     | 0.577     | -0.036    | 2.667 | 0.02      | 0.016     | 0         | 53.8 | 49.9 | 69.7 | 159        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 1    | 51     | 20     | 0.591     | -0.072    | 2.667 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 70.1 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 2    | 1      | 20     | 0.653     | -0.062    | 2.667 | 0.016     | 0.013     | 0         | 53.3 | 49.9 | 69.7 | 159        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 2    | 11     | 20     | 0.604     | -0.079    | 2.671 | 0.016     | 0.016     | 0         | 52.9 | 49.5 | 69.2 | 158        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 2    | 21     | 20     | 0.587     | -0.016    | 2.671 | 0.02      | 0.016     | 0         | 53.3 | 49.9 | 69.7 | 159        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 2    | 31     | 20     | 0.669     | -0.066    | 2.671 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 68.8 | 159        | 150        | 0          | 34     | 32     |
| 2009 | 6     | 2   | 2    | 41     | 20     | 0.686     | -0.069    | 2.671 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 69.2 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 2    | 51     | 20     | 0.584     | -0.052    | 2.671 | 0.016     | 0.016     | 0         | 53.3 | 49.9 | 68.4 | 159        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 3    | 1      | 20     | 0.623     | -0.066    | 2.671 | 0.02      | 0.016     | 0         | 53.3 | 49.9 | 68.4 | 159        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 3    | 11     | 20     | 0.633     | -0.092    | 2.674 | 0.02      | 0.016     | 0         | 53.8 | 49.9 | 67.5 | 159        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 3    | 21     | 20     | 0.676     | -0.075    | 2.674 | 0.02      | 0.016     | 0         | 52.9 | 49.9 | 65.8 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 3    | 31     | 20     | 0.607     | -0.112    | 2.674 | 0.016     | 0.013     | 0         | 53.3 | 49.5 | 67.1 | 159        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 3    | 41     | 20     | 0.597     | -0.046    | 2.677 | 0.02      | 0.016     | 0         | 52.9 | 49.9 | 67.1 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 3    | 51     | 20     | 0.558     | -0.072    | 2.677 | 0.016     | 0.016     | 0         | 52.9 | 49.5 | 66.7 | 158        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 4    | 1      | 20     | 0.574     | -0.095    | 2.677 | 0.016     | 0.013     | 0         | 52.9 | 49.5 | 67.1 | 158        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 4    | 11     | 20     | 0.551     | -0.108    | 2.677 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 66.2 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 4    | 21     | 20     | 0.604     | -0.089    | 2.684 | 0.02      | 0.016     | 0         | 52.9 | 49.9 | 66.2 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 4    | 31     | 20     | 0.597     | -0.082    | 2.69  | 0.013     | 0.01      | 0         | 52.5 | 49.5 | 66.2 | 157        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 4    | 41     | 20     | 0.653     | -0.069    | 2.69  | 0.02      | 0.016     | 0         | 52.9 | 49.9 | 66.2 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 4    | 51     | 20     | 0.594     | -0.108    | 2.694 | 0.016     | 0.016     | 0         | 52.5 | 49.5 | 67.5 | 158        | 149        | 0          | 36     | 34     |
| 2009 | 6     | 2   | 5    | 1      | 20     | 0.584     | -0.066    | 2.694 | 0.016     | 0.016     | 0         | 53.3 | 49.9 | 67.1 | 158        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 5    | 11     | 20     | 0.548     | -0.062    | 2.697 | 0.016     | 0.013     | 0         | 53.3 | 49.9 | 67.5 | 158        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 5    | 21     | 20     | 0.577     | -0.092    | 2.697 | 0.02      | 0.016     | 0         | 53.3 | 49.5 | 67.9 | 159        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 5    | 31     | 20     | 0.614     | -0.046    | 2.697 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 69.2 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 5    | 41     | 20     | 0.558     | -0.098    | 2.7   | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 69.7 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 5    | 51     | 20     | 0.6       | -0.089    | 2.7   | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 69.7 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 6    | 1      | 20     | 0.6       | -0.069    | 2.7   | 0.023     | 0.02      | 0         | 53.3 | 49.9 | 69.7 | 159        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 6    | 11     | 20     | 0.614     | -0.039    | 2.7   | 0.016     | 0.013     | 0         | 53.8 | 50.3 | 70.5 | 159        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 6    | 21     | 20     | 0.614     | -0.049    | 2.703 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 70.1 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 6    | 31     | 20     | 0.656     | -0.082    | 2.703 | 0.016     | 0.013     | 0         | 52.9 | 49.5 | 70.1 | 158        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 6    | 41     | 20     | 0.577     | -0.026    | 2.703 | 0.016     | 0.016     | 0         | 52.9 | 49   | 69.2 | 158        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 6    | 51     | 20     | 0.564     | -0.046    | 2.703 | 0.016     | 0.016     | 0         | 52.9 | 49.5 | 69.7 | 158        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 7    | 1      | 20     | 0.6       | -0.069    | 2.707 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 69.7 | 158        | 148        | 0          | 35     | 32     |
| 2009 | 6     | 2   | 7    | 11     | 20     | 0.571     | -0.082    | 2.707 | 0.016     | 0.013     | 0         | 52.9 | 49.5 | 69.2 | 158        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 7    | 21     | 20     | 0.584     | -0.043    | 2.707 | 0.016     | 0.013     | 0         | 53.3 | 49.5 | 68.8 | 158        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 7    | 31     | 20     | 0.6       | -0.082    | 2.707 | 0.016     | 0.013     | 0         | 52.9 | 49.5 | 69.2 | 158        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 7    | 41     | 20     | 0.607     | -0.095    | 2.71  | 0.016     | 0.016     | 0         | 52.5 | 49.5 | 68.8 | 157        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 7    | 51     | 20     | 0.538     | -0.066    | 2.71  | 0.02      | 0.016     | 0         | 52.5 | 49   | 68.4 | 157        | 147        | 0          | 35     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 2   | 8    | 1      | 20     | 0.633     | -0.102    | 2.71  | 0.016     | 0.013     | 0         | 52.9 | 49.5 | 67.9 | 158        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 8    | 11     | 20     | 0.617     | -0.089    | 2.713 | 0.016     | 0.016     | 0         | 52.9 | 49.5 | 67.9 | 158        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 8    | 21     | 20     | 0.568     | -0.082    | 2.713 | 0.016     | 0.013     | 0         | 52.5 | 49.5 | 67.5 | 157        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 8    | 31     | 20     | 0.607     | -0.062    | 2.713 | 0.02      | 0.016     | 0         | 52.5 | 49   | 66.7 | 157        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 8    | 41     | 20     | 0.594     | -0.092    | 2.717 | 0.016     | 0.013     | 0         | 52.5 | 48.6 | 66.7 | 157        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 8    | 51     | 20     | 0.591     | -0.066    | 2.72  | 0.016     | 0.016     | 0         | 52.9 | 49.5 | 66.2 | 158        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 9    | 1      | 20     | 0.617     | -0.069    | 2.726 | 0.016     | 0.016     | 0         | 52.9 | 49.5 | 66.7 | 157        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 9    | 11     | 20     | 0.6       | -0.082    | 2.73  | 0.016     | 0.013     | 0         | 52.9 | 49.5 | 66.7 | 158        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 9    | 21     | 20     | 0.558     | -0.066    | 2.733 | 0.016     | 0.016     | 0         | 52.9 | 49.5 | 67.1 | 157        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 9    | 31     | 20     | 0.597     | -0.112    | 2.733 | 0.016     | 0.016     | 0         | 52.9 | 49   | 67.9 | 158        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 9    | 41     | 20     | 0.61      | -0.082    | 2.736 | 0.02      | 0.016     | 0         | 52.9 | 49.9 | 68.4 | 158        | 148        | 0          | 35     | 32     |
| 2009 | 6     | 2   | 9    | 51     | 20     | 0.548     | -0.112    | 2.736 | 0.016     | 0.013     | 0         | 52.9 | 49.5 | 68.4 | 158        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 10   | 1      | 20     | 0.571     | -0.075    | 2.736 | 0.016     | 0.016     | 0         | 53.3 | 49.5 | 68.8 | 158        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 10   | 11     | 20     | 0.581     | -0.046    | 2.74  | 0.013     | 0.01      | 0         | 52.5 | 49   | 70.1 | 157        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 10   | 21     | 20     | 0.6       | -0.098    | 2.74  | 0.016     | 0.013     | 0         | 52.5 | 49   | 68.8 | 157        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 10   | 31     | 20     | 0.591     | -0.062    | 2.743 | 0.016     | 0.013     | 0         | 52.5 | 49   | 69.7 | 157        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 10   | 41     | 20     | 0.584     | -0.069    | 2.743 | 0.013     | 0.01      | 0         | 52.5 | 49   | 70.1 | 157        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 10   | 51     | 20     | 0.584     | -0.098    | 2.743 | 0.016     | 0.013     | 0         | 52.5 | 49   | 70.1 | 157        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 11   | 1      | 20     | 0.577     | -0.098    | 2.743 | 0.016     | 0.013     | 0         | 52   | 49   | 61.5 | 156        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 11   | 11     | 20     | 0.535     | -0.085    | 2.746 | 0.016     | 0.013     | 0         | 52.5 | 49   | 61.1 | 157        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 11   | 21     | 20     | 0.558     | -0.082    | 2.746 | 0.016     | 0.016     | 0         | 52.5 | 49.5 | 65.4 | 156        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 11   | 31     | 20     | 0.561     | -0.066    | 2.746 | 0.016     | 0.013     | 0         | 52.5 | 47.7 | 52.5 | 157        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 11   | 41     | 20     | 0.62      | -0.066    | 2.746 | 0.023     | 0.02      | 0         | 52.5 | 49   | 52   | 156        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 11   | 51     | 20     | 0.594     | -0.082    | 2.746 | 0.016     | 0.016     | 0         | 52   | 49   | 53.3 | 156        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 12   | 1      | 20     | 0.581     | -0.112    | 2.749 | 0.016     | 0.016     | 0         | 52   | 49   | 49.9 | 156        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 12   | 11     | 20     | 0.617     | -0.085    | 2.749 | 0.016     | 0.013     | 0         | 52.5 | 49   | 50.3 | 157        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 12   | 21     | 20     | 0.607     | -0.082    | 2.753 | 0.016     | 0.016     | 0         | 52.5 | 49.5 | 53.8 | 157        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 12   | 31     | 20     | 0.584     | -0.066    | 2.753 | 0.016     | 0.016     | 0         | 52.5 | 49.5 | 52.5 | 157        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 12   | 41     | 20     | 0.597     | -0.102    | 2.753 | 0.016     | 0.016     | 0         | 52.5 | 49   | 66.7 | 157        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 12   | 51     | 20     | 0.673     | -0.069    | 2.753 | 0.016     | 0.016     | 0         | 52.5 | 49   | 60.2 | 157        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 13   | 1      | 20     | 0.6       | -0.098    | 2.756 | 0.02      | 0.016     | 0         | 52   | 49   | 56.3 | 156        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 13   | 11     | 20     | 0.581     | -0.072    | 2.756 | 0.016     | 0.013     | 0         | 52   | 49   | 57.6 | 156        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 13   | 21     | 20     | 0.584     | -0.066    | 2.756 | 0.016     | 0.013     | 0         | 52.5 | 49.5 | 47.3 | 157        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 13   | 31     | 20     | 0.623     | -0.085    | 2.756 | 0.016     | 0.013     | 0         | 52.5 | 49.5 | 52.5 | 157        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 13   | 41     | 20     | 0.607     | -0.092    | 2.759 | 0.02      | 0.016     | 0         | 52.9 | 49.9 | 51.6 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 13   | 51     | 20     | 0.597     | -0.072    | 2.766 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 46.9 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 14   | 1      | 20     | 0.607     | -0.069    | 2.766 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 46   | 158        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 14   | 11     | 20     | 0.6       | -0.069    | 2.766 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 49   | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 14   | 21     | 20     | 0.607     | -0.059    | 2.769 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 47.7 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 14   | 31     | 20     | 0.577     | -0.046    | 2.776 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 50.7 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 14   | 41     | 20     | 0.577     | -0.079    | 2.772 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 49.5 | 159        | 150        | 0          | 35     | 32     |
| 2009 | 6     | 2   | 14   | 51     | 20     | 0.597     | -0.085    | 2.776 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 49.5 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 15   | 1      | 20     | 0.61      | -0.039    | 2.776 | 0.02      | 0.016     | 0         | 53.8 | 50.3 | 50.3 | 159        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 15   | 11     | 20     | 0.594     | -0.089    | 2.782 | 0.016     | 0.016     | 0         | 53.8 | 50.3 | 56.8 | 159        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 15   | 21     | 20     | 0.617     | -0.079    | 2.779 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 49.9 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 15   | 31     | 20     | 0.6       | -0.066    | 2.782 | 0.016     | 0.013     | 0         | 53.8 | 50.3 | 58.9 | 159        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 15   | 41     | 20     | 0.594     | -0.062    | 2.782 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 52.5 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 15   | 51     | 20     | 0.676     | -0.062    | 2.785 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 56.3 | 159        | 151        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 2   | 16   | 1      | 20     | 0.636     | -0.062    | 2.789 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 68.4 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 16   | 11     | 20     | 0.614     | -0.069    | 2.789 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 67.9 | 158        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 16   | 21     | 20     | 0.607     | -0.049    | 2.789 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 65.4 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 16   | 31     | 20     | 0.594     | -0.082    | 2.789 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 51.6 | 158        | 149        | 0          | 35     | 32     |
| 2009 | 6     | 2   | 16   | 41     | 20     | 0.587     | -0.082    | 2.789 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 65.4 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 16   | 51     | 20     | 0.614     | -0.072    | 2.789 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 51.6 | 159        | 150        | 0          | 35     | 32     |
| 2009 | 6     | 2   | 17   | 1      | 20     | 0.614     | -0.082    | 2.792 | 0.02      | 0.016     | 0         | 53.3 | 50.3 | 47.7 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 17   | 11     | 20     | 0.584     | -0.066    | 2.792 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 50.3 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 17   | 21     | 20     | 0.571     | -0.072    | 2.795 | 0.016     | 0.016     | 0         | 53.3 | 51.2 | 50.7 | 159        | 151        | 0          | 35     | 32     |
| 2009 | 6     | 2   | 17   | 31     | 20     | 0.627     | -0.049    | 2.792 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 45.6 | 163        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 17   | 41     | 20     | 0.633     | -0.082    | 2.795 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 49.9 | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 17   | 51     | 20     | 0.623     | -0.069    | 2.795 | 0.016     | 0.013     | 0         | 54.6 | 51.2 | 43.9 | 161        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 18   | 1      | 20     | 0.594     | -0.082    | 2.795 | 0.016     | 0.016     | 0         | 54.6 | 51.2 | 50.7 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 18   | 11     | 20     | 0.62      | -0.049    | 2.799 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 49.9 | 160        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 2   | 18   | 21     | 20     | 0.623     | -0.108    | 2.799 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 51.6 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 18   | 31     | 20     | 0.627     | -0.069    | 2.802 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 47.3 | 162        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 18   | 41     | 20     | 0.571     | -0.039    | 2.805 | 0.016     | 0.016     | 0         | 55   | 52   | 46.4 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 18   | 51     | 20     | 0.581     | -0.046    | 2.802 | 0.016     | 0.016     | 0         | 54.6 | 50.7 | 58   | 162        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 19   | 1      | 20     | 0.597     | -0.059    | 2.802 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 59.3 | 160        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 19   | 11     | 20     | 0.614     | -0.095    | 2.805 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 64.5 | 160        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 19   | 21     | 20     | 0.623     | -0.052    | 2.805 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 59.8 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 19   | 31     | 20     | 0.597     | -0.095    | 2.812 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 66.2 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 19   | 41     | 20     | 0.607     | -0.059    | 2.815 | 0.01      | 0.007     | 0         | 53.8 | 50.3 | 61.9 | 159        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 2   | 19   | 51     | 20     | 0.633     | -0.108    | 2.815 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 59.3 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 20   | 1      | 20     | 0.594     | -0.072    | 2.818 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 65.4 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 20   | 11     | 20     | 0.614     | -0.066    | 2.818 | 0.016     | 0.013     | 0         | 53.3 | 51.2 | 56.3 | 159        | 151        | 0          | 35     | 32     |
| 2009 | 6     | 2   | 20   | 21     | 20     | 0.623     | -0.059    | 2.822 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 67.5 | 159        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 20   | 31     | 20     | 0.597     | -0.072    | 2.822 | 0.016     | 0.016     | 0         | 54.2 | 50.7 | 67.1 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 20   | 41     | 20     | 0.633     | -0.059    | 2.825 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 67.5 | 160        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 20   | 51     | 20     | 0.594     | -0.095    | 2.825 | 0.02      | 0.016     | 0         | 53.3 | 51.2 | 68.4 | 159        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 21   | 1      | 20     | 0.571     | -0.069    | 2.825 | 0.016     | 0.013     | 0         | 54.6 | 50.7 | 57.2 | 161        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 21   | 11     | 20     | 0.604     | -0.102    | 2.825 | 0.016     | 0.016     | 0         | 54.2 | 50.7 | 52   | 161        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 21   | 21     | 20     | 0.574     | -0.108    | 2.825 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 51.6 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 21   | 31     | 20     | 0.61      | -0.036    | 2.828 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 51.6 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 21   | 41     | 20     | 0.627     | -0.118    | 2.828 | 0.016     | 0.016     | 0         | 54.6 | 51.2 | 66.2 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 21   | 51     | 20     | 0.61      | -0.075    | 2.828 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 49.5 | 160        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 2   | 22   | 1      | 20     | 0.646     | -0.049    | 2.828 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 64.1 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 22   | 11     | 20     | 0.607     | -0.082    | 2.828 | 0.016     | 0.016     | 0         | 54.2 | 50.7 | 54.6 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 22   | 21     | 20     | 0.607     | -0.059    | 2.828 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 52.9 | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 2   | 22   | 31     | 20     | 0.548     | -0.046    | 2.831 | 0.023     | 0.02      | 0         | 53.8 | 50.7 | 49.5 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 22   | 41     | 20     | 0.62      | -0.062    | 2.835 | 0.016     | 0.013     | 0         | 54.2 | 50.7 | 52.9 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 22   | 51     | 20     | 0.636     | -0.072    | 2.831 | 0.016     | 0.013     | 0         | 54.2 | 50.7 | 57.2 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 23   | 1      | 20     | 0.584     | -0.069    | 2.835 | 0.02      | 0.016     | 0         | 53.8 | 50.7 | 58.5 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 2   | 23   | 11     | 20     | 0.62      | -0.095    | 2.835 | 0.016     | 0.016     | 0         | 54.2 | 50.7 | 60.2 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 23   | 21     | 20     | 0.623     | -0.072    | 2.838 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 56.3 | 160        | 151        | 0          | 35     | 32     |
| 2009 | 6     | 2   | 23   | 31     | 20     | 0.591     | -0.085    | 2.844 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 63.6 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 23   | 41     | 20     | 0.591     | -0.079    | 2.844 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 60.6 | 160        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 2   | 23   | 51     | 20     | 0.6       | -0.049    | 2.851 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 65.8 | 159        | 151        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 3   | 0    | 1      | 20     | 0.617     | -0.085    | 2.854 | 0.013     | 0.01      | 0         | 53.8 | 50.3 | 66.2 | 160        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 0    | 11     | 20     | 0.61      | -0.118    | 2.851 | 0.02      | 0.016     | 0         | 52.9 | 50.7 | 51.6 | 158        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 0    | 21     | 20     | 0.64      | -0.066    | 2.854 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 54.2 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 0    | 31     | 20     | 0.607     | -0.052    | 2.854 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 53.3 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 0    | 41     | 20     | 0.62      | -0.046    | 2.858 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 52.9 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 0    | 51     | 20     | 0.633     | -0.059    | 2.858 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 55   | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 1    | 1      | 20     | 0.561     | -0.059    | 2.858 | 0.013     | 0.01      | 0         | 54.6 | 51.2 | 49   | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 1    | 11     | 20     | 0.597     | -0.066    | 2.861 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 57.6 | 161        | 151        | 0          | 35     | 32     |
| 2009 | 6     | 3   | 1    | 21     | 20     | 0.636     | -0.082    | 2.861 | 0.02      | 0.016     | 0         | 53.8 | 50.7 | 56.3 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 1    | 31     | 20     | 0.617     | -0.092    | 2.861 | 0.02      | 0.016     | 0         | 53.8 | 50.7 | 65.8 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 1    | 41     | 20     | 0.61      | -0.069    | 2.864 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 68.4 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 1    | 51     | 20     | 0.604     | -0.062    | 2.864 | 0.016     | 0.013     | 0         | 53.8 | 50.3 | 68.4 | 160        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 2    | 1      | 20     | 0.614     | -0.049    | 2.864 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 59.3 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 2    | 11     | 20     | 0.62      | -0.125    | 2.864 | 0.016     | 0.016     | 0         | 54.2 | 50.7 | 57.2 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 2    | 21     | 20     | 0.614     | -0.095    | 2.867 | 0.016     | 0.013     | 0         | 54.2 | 50.3 | 54.6 | 160        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 2    | 31     | 20     | 0.574     | -0.082    | 2.867 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 51.6 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 2    | 41     | 20     | 0.568     | -0.069    | 2.867 | 0.02      | 0.016     | 0         | 53.8 | 50.7 | 51.6 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 2    | 51     | 20     | 0.63      | -0.112    | 2.871 | 0.016     | 0.013     | 0         | 53.3 | 49.9 | 49.9 | 159        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 3    | 1      | 20     | 0.614     | -0.079    | 2.874 | 0.013     | 0.01      | 0         | 52.9 | 49.9 | 48.6 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 3    | 11     | 20     | 0.607     | -0.085    | 2.874 | 0.016     | 0.013     | 0         | 53.3 | 49.9 | 46.4 | 159        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 3    | 21     | 20     | 0.614     | -0.098    | 2.877 | 0.016     | 0.016     | 0         | 52.9 | 49.5 | 50.3 | 158        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 3    | 31     | 20     | 0.594     | -0.036    | 2.881 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 52.9 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 3    | 41     | 20     | 0.63      | -0.095    | 2.881 | 0.016     | 0.013     | 0         | 52.9 | 49.5 | 49   | 158        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 3    | 51     | 20     | 0.581     | -0.079    | 2.884 | 0.016     | 0.016     | 0         | 52.9 | 49.5 | 48.2 | 158        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 4    | 1      | 20     | 0.6       | -0.059    | 2.887 | 0.016     | 0.013     | 0         | 52   | 49.5 | 50.3 | 156        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 4    | 11     | 20     | 0.6       | -0.082    | 2.89  | 0.01      | 0.007     | 0         | 52.9 | 49.5 | 62.8 | 158        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 4    | 21     | 20     | 0.633     | -0.069    | 2.89  | 0.02      | 0.016     | 0         | 52.5 | 49.9 | 61.9 | 157        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 4    | 31     | 20     | 0.62      | -0.075    | 2.894 | 0.013     | 0.01      | 0         | 52.9 | 49.9 | 67.5 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 4    | 41     | 20     | 0.6       | -0.112    | 2.894 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 65.4 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 4    | 51     | 20     | 0.633     | -0.066    | 2.894 | 0.016     | 0.013     | 0         | 53.3 | 49.5 | 67.5 | 158        | 149        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 5    | 1      | 20     | 0.61      | -0.066    | 2.897 | 0.02      | 0.016     | 0         | 53.3 | 49.9 | 69.7 | 159        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 5    | 11     | 20     | 0.669     | -0.085    | 2.897 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 69.2 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 5    | 21     | 20     | 0.65      | -0.066    | 2.897 | 0.016     | 0.013     | 0         | 52.9 | 49.5 | 69.7 | 158        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 5    | 31     | 20     | 0.581     | -0.079    | 2.897 | 0.016     | 0.013     | 0         | 53.3 | 49.9 | 68.8 | 159        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 5    | 41     | 20     | 0.653     | -0.075    | 2.9   | 0.02      | 0.016     | 0         | 53.3 | 49.9 | 68.8 | 159        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 5    | 51     | 20     | 0.643     | -0.066    | 2.9   | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 68.4 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 6    | 1      | 20     | 0.63      | -0.079    | 2.9   | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 67.9 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 6    | 11     | 20     | 0.699     | -0.082    | 2.9   | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 68.4 | 157        | 148        | 0          | 35     | 32     |
| 2009 | 6     | 3   | 6    | 21     | 20     | 0.63      | -0.049    | 2.904 | 0.02      | 0.016     | 0         | 53.3 | 49.9 | 67.5 | 159        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 6    | 31     | 20     | 0.584     | -0.072    | 2.904 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 67.1 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 6    | 41     | 20     | 0.584     | -0.069    | 2.907 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 66.7 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 6    | 51     | 20     | 0.584     | -0.092    | 2.907 | 0.016     | 0.016     | 0         | 52.5 | 49.5 | 66.2 | 157        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 7    | 1      | 20     | 0.617     | -0.069    | 2.91  | 0.016     | 0.016     | 0         | 52.9 | 49   | 66.2 | 158        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 7    | 11     | 20     | 0.627     | -0.082    | 2.91  | 0.016     | 0.013     | 0         | 52.5 | 49.5 | 66.7 | 157        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 7    | 21     | 20     | 0.63      | -0.082    | 2.917 | 0.016     | 0.013     | 0         | 52   | 49   | 66.2 | 156        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 7    | 31     | 20     | 0.591     | -0.056    | 2.92  | 0.016     | 0.013     | 0         | 52.5 | 49   | 65.8 | 157        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 7    | 41     | 20     | 0.568     | -0.056    | 2.92  | 0.016     | 0.016     | 0         | 52   | 48.6 | 57.6 | 156        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 7    | 51     | 20     | 0.623     | -0.072    | 2.923 | 0.016     | 0.016     | 0         | 52   | 48.6 | 67.9 | 156        | 147        | 0          | 35     | 34     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 3   | 8    | 1      | 20     | 0.643     | -0.108    | 2.927 | 0.013     | 0.01      | 0         | 52.5 | 49.5 | 67.9 | 157        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 8    | 11     | 20     | 0.633     | -0.079    | 2.927 | 0.016     | 0.013     | 0         | 52   | 48.6 | 68.8 | 156        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 8    | 21     | 20     | 0.581     | -0.062    | 2.93  | 0.016     | 0.016     | 0         | 52.5 | 49   | 68.8 | 157        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 8    | 31     | 20     | 0.62      | -0.082    | 2.93  | 0.013     | 0.01      | 0         | 52.5 | 49   | 69.7 | 157        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 8    | 41     | 20     | 0.659     | -0.085    | 2.933 | 0.02      | 0.016     | 0         | 52   | 49.5 | 71   | 156        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 8    | 51     | 20     | 0.65      | -0.059    | 2.933 | 0.016     | 0.016     | 0         | 52.5 | 49.5 | 69.7 | 157        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 9    | 1      | 20     | 0.597     | -0.082    | 2.933 | 0.016     | 0.013     | 0         | 52.9 | 49.5 | 69.2 | 158        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 9    | 11     | 20     | 0.587     | -0.102    | 2.933 | 0.02      | 0.016     | 0         | 52.5 | 49   | 69.7 | 157        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 9    | 21     | 20     | 0.594     | -0.092    | 2.933 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 68.8 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 9    | 31     | 20     | 0.574     | -0.066    | 2.933 | 0.016     | 0.013     | 0         | 52.9 | 49   | 51.6 | 158        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 9    | 41     | 20     | 0.623     | -0.098    | 2.936 | 0.016     | 0.013     | 0         | 53.3 | 49.9 | 52.9 | 159        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 9    | 51     | 20     | 0.699     | -0.049    | 2.936 | 0.016     | 0.016     | 0         | 53.8 | 50.3 | 61.5 | 160        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 10   | 1      | 20     | 0.676     | -0.095    | 2.936 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 67.5 | 159        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 10   | 11     | 20     | 0.62      | -0.092    | 2.936 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 65.8 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 10   | 21     | 20     | 0.584     | -0.046    | 2.94  | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 68.8 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 10   | 31     | 20     | 0.607     | -0.049    | 2.94  | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 67.5 | 158        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 10   | 41     | 20     | 0.633     | -0.043    | 2.94  | 0.016     | 0.013     | 0         | 52.9 | 49.5 | 67.9 | 158        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 10   | 51     | 20     | 0.587     | -0.059    | 2.94  | 0.016     | 0.013     | 0         | 53.8 | 50.3 | 65.4 | 159        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 11   | 1      | 20     | 0.656     | -0.098    | 2.943 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 66.7 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 11   | 11     | 20     | 0.604     | -0.082    | 2.943 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 65.8 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 11   | 21     | 20     | 0.597     | -0.079    | 2.943 | 0.016     | 0.016     | 0         | 54.2 | 50.3 | 64.5 | 161        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 11   | 31     | 20     | 0.653     | -0.118    | 2.946 | 0.016     | 0.016     | 0         | 53.3 | 49.9 | 65.8 | 158        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 11   | 41     | 20     | 0.646     | -0.072    | 2.946 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 63.6 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 11   | 51     | 20     | 0.574     | -0.062    | 2.949 | 0.016     | 0.013     | 0         | 53.3 | 49.9 | 64.9 | 159        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 12   | 1      | 20     | 0.617     | -0.062    | 2.949 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 65.8 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 12   | 11     | 20     | 0.571     | -0.052    | 2.953 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 65.4 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 12   | 21     | 20     | 0.617     | -0.079    | 2.956 | 0.02      | 0.016     | 0         | 53.3 | 50.3 | 65.4 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 12   | 31     | 20     | 0.591     | -0.066    | 2.959 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 66.2 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 12   | 41     | 20     | 0.64      | -0.049    | 2.963 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 66.7 | 158        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 12   | 51     | 20     | 0.65      | -0.095    | 2.963 | 0.016     | 0.016     | 0         | 52.5 | 49.9 | 67.5 | 158        | 149        | 0          | 36     | 33     |
| 2009 | 6     | 3   | 13   | 1      | 20     | 0.568     | -0.075    | 2.966 | 0.016     | 0.013     | 0         | 52.9 | 49.5 | 67.9 | 157        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 13   | 11     | 20     | 0.61      | -0.046    | 2.966 | 0.013     | 0.01      | 0         | 52.9 | 49.5 | 67.9 | 158        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 13   | 21     | 20     | 0.659     | -0.102    | 2.969 | 0.016     | 0.016     | 0         | 52.5 | 49.5 | 67.9 | 157        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 13   | 31     | 20     | 0.666     | -0.049    | 2.969 | 0.013     | 0.01      | 0         | 52.5 | 49   | 64.1 | 157        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 13   | 41     | 20     | 0.627     | -0.082    | 2.966 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 49   | 158        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 13   | 51     | 20     | 0.617     | -0.092    | 2.969 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 50.3 | 157        | 148        | 0          | 35     | 32     |
| 2009 | 6     | 3   | 14   | 1      | 20     | 0.623     | -0.079    | 2.969 | 0.016     | 0.016     | 0         | 52.9 | 49.5 | 49   | 158        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 14   | 11     | 20     | 0.614     | -0.039    | 2.969 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 49.9 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 14   | 21     | 20     | 0.617     | -0.089    | 2.972 | 0.016     | 0.013     | 0         | 52.5 | 49.5 | 49   | 157        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 14   | 31     | 20     | 0.64      | -0.082    | 2.972 | 0.016     | 0.013     | 0         | 52.9 | 49   | 49.9 | 157        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 14   | 41     | 20     | 0.63      | -0.062    | 2.972 | 0.016     | 0.016     | 0         | 52   | 49   | 53.3 | 156        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 14   | 51     | 20     | 0.591     | -0.095    | 2.976 | 0.016     | 0.013     | 0         | 52   | 49.5 | 51.6 | 156        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 15   | 1      | 20     | 0.62      | -0.059    | 2.976 | 0.016     | 0.013     | 0         | 52.9 | 49.5 | 50.7 | 158        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 15   | 11     | 20     | 0.561     | -0.075    | 2.976 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 52.5 | 158        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 15   | 21     | 20     | 0.61      | -0.052    | 2.976 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 52.9 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 15   | 31     | 20     | 0.604     | -0.069    | 2.979 | 0.016     | 0.016     | 0         | 54.2 | 50.7 | 50.7 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 15   | 41     | 20     | 0.643     | -0.066    | 2.979 | 0.016     | 0.016     | 0         | 53.8 | 50.3 | 52   | 160        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 15   | 51     | 20     | 0.584     | -0.069    | 2.979 | 0.016     | 0.013     | 0         | 53.8 | 50.3 | 52.5 | 160        | 151        | 0          | 35     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 3   | 16   | 1      | 20     | 0.587     | -0.066    | 2.979 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 58   | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 16   | 11     | 20     | 0.659     | -0.075    | 2.979 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 55.5 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 16   | 21     | 20     | 0.62      | -0.066    | 2.979 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 54.2 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 16   | 31     | 20     | 0.636     | -0.052    | 2.982 | 0.016     | 0.013     | 0         | 55   | 52   | 49.9 | 162        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 3   | 16   | 41     | 20     | 0.643     | -0.066    | 2.986 | 0.013     | 0.01      | 0         | 54.2 | 51.6 | 49.9 | 162        | 154        | 0          | 36     | 34     |
| 2009 | 6     | 3   | 16   | 51     | 20     | 0.607     | -0.013    | 2.989 | 0.01      | 0.007     | 0         | 55   | 51.6 | 48.6 | 163        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 17   | 1      | 20     | 0.64      | -0.066    | 2.992 | 0.016     | 0.013     | 0         | 55   | 51.6 | 52   | 163        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 17   | 11     | 20     | 0.62      | -0.059    | 2.999 | 0.016     | 0.013     | 0         | 55   | 52.5 | 53.8 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 17   | 21     | 20     | 0.581     | -0.036    | 3.002 | 0.016     | 0.013     | 0         | 54.6 | 51.6 | 58   | 162        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 17   | 31     | 20     | 0.666     | -0.043    | 3.002 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 58.9 | 161        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 17   | 41     | 20     | 0.607     | -0.03     | 3.005 | 0.016     | 0.013     | 0         | 54.2 | 50.7 | 61.5 | 161        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 17   | 51     | 20     | 0.636     | -0.069    | 3.005 | 0.013     | 0.01      | 0         | 53.8 | 51.2 | 64.9 | 160        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 18   | 1      | 20     | 0.614     | -0.066    | 3.009 | 0.016     | 0.016     | 0         | 54.2 | 50.3 | 65.8 | 160        | 151        | 0          | 34     | 34     |
| 2009 | 6     | 3   | 18   | 11     | 20     | 0.604     | -0.059    | 3.009 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 63.6 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 18   | 21     | 20     | 0.627     | -0.085    | 3.009 | 0.016     | 0.016     | 0         | 53.8 | 50.3 | 67.1 | 160        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 18   | 31     | 20     | 0.636     | -0.082    | 3.009 | 0.013     | 0.01      | 0         | 53.3 | 50.7 | 67.5 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 18   | 41     | 20     | 0.62      | -0.069    | 3.009 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 66.7 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 18   | 51     | 20     | 0.719     | -0.059    | 3.012 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 69.2 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 19   | 1      | 20     | 0.633     | -0.056    | 3.012 | 0.016     | 0.013     | 0         | 53.3 | 49.9 | 68.8 | 159        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 19   | 11     | 20     | 0.646     | -0.092    | 3.012 | 0.016     | 0.016     | 0         | 52.9 | 49.5 | 68.4 | 158        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 19   | 21     | 20     | 0.607     | -0.066    | 3.012 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 68.8 | 158        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 19   | 31     | 20     | 0.676     | -0.075    | 3.012 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 68.4 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 19   | 41     | 20     | 0.63      | -0.066    | 3.012 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 68.8 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 19   | 51     | 20     | 0.676     | -0.069    | 3.012 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 68.8 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 20   | 1      | 20     | 0.689     | -0.072    | 3.012 | 0.016     | 0.013     | 0         | 52.9 | 49.5 | 68.4 | 158        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 20   | 11     | 20     | 0.614     | -0.075    | 3.015 | 0.016     | 0.013     | 0         | 52.9 | 49.5 | 67.5 | 158        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 20   | 21     | 20     | 0.663     | -0.112    | 3.015 | 0.016     | 0.013     | 0         | 52.9 | 49.5 | 67.1 | 158        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 20   | 31     | 20     | 0.705     | -0.046    | 3.015 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 67.9 | 157        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 20   | 41     | 20     | 0.659     | -0.079    | 3.015 | 0.016     | 0.013     | 0         | 52.9 | 49.5 | 67.5 | 158        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 20   | 51     | 20     | 0.646     | -0.098    | 3.015 | 0.016     | 0.013     | 0         | 52.9 | 49.5 | 67.1 | 158        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 21   | 1      | 20     | 0.653     | -0.066    | 3.018 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 66.7 | 157        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 21   | 11     | 20     | 0.627     | -0.082    | 3.018 | 0.016     | 0.016     | 0         | 52.5 | 49.9 | 67.1 | 157        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 21   | 21     | 20     | 0.653     | -0.069    | 3.018 | 0.016     | 0.013     | 0         | 52.5 | 49.5 | 66.2 | 157        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 21   | 31     | 20     | 0.659     | -0.095    | 3.018 | 0.016     | 0.016     | 0         | 52.5 | 49.5 | 66.7 | 157        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 21   | 41     | 20     | 0.719     | -0.059    | 3.022 | 0.013     | 0.01      | 0         | 52   | 49.5 | 65.8 | 156        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 21   | 51     | 20     | 0.65      | -0.072    | 3.022 | 0.016     | 0.016     | 0         | 52.5 | 49.5 | 66.2 | 157        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 22   | 1      | 20     | 0.722     | -0.066    | 3.025 | 0.016     | 0.016     | 0         | 52   | 49.5 | 65.8 | 156        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 22   | 11     | 20     | 0.646     | -0.082    | 3.028 | 0.013     | 0.01      | 0         | 52.5 | 49.5 | 66.2 | 157        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 22   | 21     | 20     | 0.663     | -0.085    | 3.031 | 0.016     | 0.013     | 0         | 52   | 49.5 | 66.2 | 156        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 22   | 31     | 20     | 0.699     | -0.089    | 3.031 | 0.013     | 0.01      | 0         | 52   | 48.2 | 66.7 | 156        | 147        | 0          | 35     | 35     |
| 2009 | 6     | 3   | 22   | 41     | 20     | 0.682     | -0.082    | 3.035 | 0.013     | 0.01      | 0         | 52   | 48.6 | 67.1 | 156        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 22   | 51     | 20     | 0.666     | -0.095    | 3.035 | 0.016     | 0.013     | 0         | 52   | 49   | 67.9 | 156        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 23   | 1      | 20     | 0.728     | -0.069    | 3.035 | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 67.5 | 155        | 146        | 0          | 35     | 33     |
| 2009 | 6     | 3   | 23   | 11     | 20     | 0.676     | -0.046    | 3.038 | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 67.9 | 155        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 23   | 21     | 20     | 0.692     | -0.079    | 3.038 | 0.01      | 0.007     | 0         | 51.2 | 48.6 | 69.2 | 155        | 147        | 0          | 36     | 34     |
| 2009 | 6     | 3   | 23   | 31     | 20     | 0.659     | -0.052    | 3.038 | 0.016     | 0.013     | 0         | 52   | 48.6 | 68.4 | 156        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 3   | 23   | 41     | 20     | 0.656     | -0.128    | 3.041 | 0.016     | 0.013     | 0         | 51.6 | 49   | 69.2 | 156        | 147        | 0          | 36     | 33     |
| 2009 | 6     | 3   | 23   | 51     | 20     | 0.64      | -0.079    | 3.041 | 0.016     | 0.016     | 0         | 51.6 | 49   | 69.7 | 155        | 147        | 0          | 35     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 4   | 0    | 1      | 20     | 0.653     | -0.075    | 3.041 | 0.016     | 0.013     | 0         | 51.2 | 48.2 | 70.1 | 155        | 146        | 0          | 36     | 34     |
| 2009 | 6     | 4   | 0    | 11     | 20     | 0.646     | -0.075    | 3.041 | 0.016     | 0.016     | 0         | 51.6 | 48.2 | 70.5 | 155        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 0    | 21     | 20     | 0.696     | -0.112    | 3.041 | 0.016     | 0.013     | 0         | 51.6 | 48.2 | 70.5 | 155        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 0    | 31     | 20     | 0.679     | -0.062    | 3.041 | 0.016     | 0.016     | 0         | 51.6 | 48.6 | 71.4 | 155        | 146        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 0    | 41     | 20     | 0.627     | -0.085    | 3.041 | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 71   | 155        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 0    | 51     | 20     | 0.643     | -0.043    | 3.045 | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 70.5 | 155        | 146        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 1    | 1      | 20     | 0.656     | -0.095    | 3.045 | 0.01      | 0.007     | 0         | 51.6 | 48.2 | 71.4 | 155        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 1    | 11     | 20     | 0.614     | -0.102    | 3.045 | 0.013     | 0.01      | 0         | 51.6 | 48.2 | 70.5 | 155        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 1    | 21     | 20     | 0.689     | -0.079    | 3.045 | 0.016     | 0.016     | 0         | 51.2 | 48.2 | 70.5 | 155        | 146        | 0          | 36     | 34     |
| 2009 | 6     | 4   | 1    | 31     | 20     | 0.653     | -0.066    | 3.045 | 0.016     | 0.013     | 0         | 51.2 | 48.2 | 70.5 | 155        | 146        | 0          | 36     | 34     |
| 2009 | 6     | 4   | 1    | 41     | 20     | 0.643     | -0.062    | 3.045 | 0.016     | 0.013     | 0         | 51.2 | 48.2 | 69.7 | 155        | 146        | 0          | 36     | 34     |
| 2009 | 6     | 4   | 1    | 51     | 20     | 0.686     | -0.069    | 3.045 | 0.016     | 0.016     | 0         | 51.2 | 48.2 | 70.1 | 154        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 2    | 1      | 20     | 0.705     | -0.062    | 3.045 | 0.016     | 0.013     | 0         | 51.2 | 47.7 | 70.1 | 154        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 2    | 11     | 20     | 0.702     | -0.092    | 3.045 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 69.7 | 154        | 145        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 2    | 21     | 20     | 0.617     | -0.046    | 3.045 | 0.013     | 0.01      | 0         | 51.2 | 47.7 | 69.7 | 154        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 2    | 31     | 20     | 0.653     | -0.108    | 3.045 | 0.016     | 0.013     | 0         | 51.2 | 48.6 | 69.7 | 154        | 146        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 2    | 41     | 20     | 0.627     | -0.098    | 3.045 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 69.7 | 154        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 2    | 51     | 20     | 0.686     | -0.062    | 3.048 | 0.016     | 0.016     | 0         | 51.2 | 48.6 | 69.2 | 154        | 146        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 3    | 1      | 20     | 0.676     | -0.082    | 3.048 | 0.013     | 0.01      | 0         | 51.2 | 47.7 | 68.8 | 154        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 3    | 11     | 20     | 0.702     | -0.085    | 3.048 | 0.016     | 0.013     | 0         | 50.7 | 48.2 | 68.8 | 154        | 145        | 0          | 36     | 33     |
| 2009 | 6     | 4   | 3    | 21     | 20     | 0.653     | -0.105    | 3.048 | 0.016     | 0.016     | 0         | 51.2 | 47.7 | 69.7 | 154        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 3    | 31     | 20     | 0.669     | -0.066    | 3.048 | 0.016     | 0.013     | 0         | 51.2 | 46.9 | 68.4 | 154        | 143        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 3    | 41     | 20     | 0.689     | -0.095    | 3.048 | 0.016     | 0.013     | 0         | 51.2 | 47.7 | 69.2 | 154        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 3    | 51     | 20     | 0.679     | -0.118    | 3.048 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 68.4 | 154        | 145        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 4    | 1      | 20     | 0.62      | -0.059    | 3.048 | 0.016     | 0.013     | 0         | 51.2 | 48.2 | 69.2 | 155        | 145        | 0          | 36     | 33     |
| 2009 | 6     | 4   | 4    | 11     | 20     | 0.689     | -0.095    | 3.051 | 0.016     | 0.016     | 0         | 51.2 | 48.6 | 68.8 | 154        | 146        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 4    | 21     | 20     | 0.636     | -0.046    | 3.051 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 68.4 | 154        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 4    | 31     | 20     | 0.666     | -0.082    | 3.051 | 0.016     | 0.016     | 0         | 51.2 | 47.7 | 68.4 | 154        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 4    | 41     | 20     | 0.587     | -0.075    | 3.051 | 0.016     | 0.013     | 0         | 51.2 | 48.2 | 67.5 | 155        | 146        | 0          | 36     | 34     |
| 2009 | 6     | 4   | 4    | 51     | 20     | 0.633     | -0.079    | 3.051 | 0.013     | 0.01      | 0         | 51.6 | 48.2 | 67.1 | 155        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 5    | 1      | 20     | 0.653     | -0.092    | 3.051 | 0.016     | 0.016     | 0         | 51.6 | 48.2 | 67.5 | 155        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 5    | 11     | 20     | 0.751     | -0.108    | 3.051 | 0.016     | 0.016     | 0         | 50.7 | 47.7 | 67.1 | 154        | 145        | 0          | 36     | 34     |
| 2009 | 6     | 4   | 5    | 21     | 20     | 0.682     | -0.108    | 3.054 | 0.016     | 0.013     | 0         | 50.7 | 47.7 | 67.5 | 154        | 145        | 0          | 36     | 34     |
| 2009 | 6     | 4   | 5    | 31     | 20     | 0.702     | -0.079    | 3.058 | 0.016     | 0.013     | 0         | 51.6 | 47.7 | 66.7 | 155        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 5    | 41     | 20     | 0.643     | -0.062    | 3.058 | 0.016     | 0.016     | 0         | 51.6 | 47.7 | 66.7 | 155        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 5    | 51     | 20     | 0.666     | -0.098    | 3.061 | 0.016     | 0.013     | 0         | 51.2 | 47.7 | 67.1 | 154        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 6    | 1      | 20     | 0.64      | -0.092    | 3.064 | 0.016     | 0.016     | 0         | 51.2 | 48.2 | 67.9 | 154        | 145        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 6    | 11     | 20     | 0.627     | -0.066    | 3.064 | 0.016     | 0.013     | 0         | 51.2 | 47.7 | 67.1 | 154        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 6    | 21     | 20     | 0.656     | -0.092    | 3.064 | 0.016     | 0.013     | 0         | 50.7 | 47.7 | 67.9 | 154        | 145        | 0          | 36     | 34     |
| 2009 | 6     | 4   | 6    | 31     | 20     | 0.659     | -0.112    | 3.068 | 0.016     | 0.013     | 0         | 50.7 | 47.3 | 68.4 | 153        | 144        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 6    | 41     | 20     | 0.676     | -0.072    | 3.068 | 0.016     | 0.013     | 0         | 51.2 | 48.2 | 68.4 | 154        | 145        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 6    | 51     | 20     | 0.676     | -0.072    | 3.068 | 0.016     | 0.016     | 0         | 50.7 | 47.3 | 68.8 | 153        | 144        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 7    | 1      | 20     | 0.633     | -0.115    | 3.068 | 0.016     | 0.016     | 0         | 50.7 | 47.7 | 68.8 | 153        | 144        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 7    | 11     | 20     | 0.699     | -0.085    | 3.068 | 0.016     | 0.013     | 0         | 50.7 | 47.3 | 69.2 | 153        | 144        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 7    | 21     | 20     | 0.735     | -0.056    | 3.068 | 0.016     | 0.013     | 0         | 50.3 | 47.7 | 68.8 | 153        | 144        | 0          | 36     | 33     |
| 2009 | 6     | 4   | 7    | 31     | 20     | 0.636     | -0.062    | 3.071 | 0.013     | 0.01      | 0         | 50.7 | 47.3 | 69.2 | 153        | 144        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 7    | 41     | 20     | 0.659     | -0.098    | 3.071 | 0.013     | 0.01      | 0         | 50.7 | 47.3 | 70.1 | 153        | 144        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 7    | 51     | 20     | 0.659     | -0.066    | 3.071 | 0.016     | 0.013     | 0         | 50.7 | 47.7 | 70.5 | 153        | 144        | 0          | 35     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 4   | 8    | 1      | 20     | 0.682     | -0.102    | 3.071 | 0.016     | 0.013     | 0         | 50.7 | 46.9 | 70.5 | 153        | 143        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 8    | 11     | 20     | 0.659     | -0.079    | 3.071 | 0.016     | 0.013     | 0         | 50.7 | 47.3 | 70.1 | 153        | 144        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 8    | 21     | 20     | 0.692     | -0.095    | 3.071 | 0.016     | 0.013     | 0         | 50.3 | 47.3 | 70.5 | 152        | 144        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 8    | 31     | 20     | 0.696     | -0.125    | 3.071 | 0.016     | 0.016     | 0         | 50.7 | 47.3 | 71   | 153        | 144        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 8    | 41     | 20     | 0.614     | -0.069    | 3.074 | 0.016     | 0.013     | 0         | 50.7 | 47.3 | 71   | 153        | 144        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 8    | 51     | 20     | 0.633     | -0.082    | 3.074 | 0.013     | 0.01      | 0         | 50.3 | 47.3 | 71.4 | 153        | 144        | 0          | 36     | 34     |
| 2009 | 6     | 4   | 9    | 1      | 20     | 0.682     | -0.095    | 3.074 | 0.016     | 0.013     | 0         | 50.7 | 47.3 | 70.5 | 153        | 144        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 9    | 11     | 20     | 0.656     | -0.135    | 3.074 | 0.016     | 0.013     | 0         | 50.7 | 47.7 | 70.5 | 153        | 144        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 9    | 21     | 20     | 0.633     | -0.095    | 3.074 | 0.013     | 0.01      | 0         | 50.3 | 47.7 | 71.4 | 153        | 145        | 0          | 36     | 34     |
| 2009 | 6     | 4   | 9    | 31     | 20     | 0.617     | -0.092    | 3.074 | 0.016     | 0.013     | 0         | 51.2 | 47.7 | 71   | 154        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 9    | 41     | 20     | 0.63      | -0.069    | 3.074 | 0.016     | 0.013     | 0         | 50.7 | 47.7 | 71   | 153        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 9    | 51     | 20     | 0.663     | -0.062    | 3.074 | 0.02      | 0.016     | 0         | 51.2 | 47.3 | 71   | 154        | 145        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 10   | 1      | 20     | 0.627     | -0.082    | 3.074 | 0.016     | 0.013     | 0         | 50.7 | 47.7 | 71.4 | 154        | 145        | 0          | 36     | 34     |
| 2009 | 6     | 4   | 10   | 11     | 20     | 0.636     | -0.115    | 3.074 | 0.016     | 0.013     | 0         | 50.7 | 47.7 | 70.5 | 153        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 10   | 21     | 20     | 0.614     | -0.085    | 3.077 | 0.013     | 0.01      | 0         | 51.6 | 47.7 | 71   | 155        | 146        | 0          | 35     | 35     |
| 2009 | 6     | 4   | 10   | 31     | 20     | 0.65      | -0.082    | 3.077 | 0.016     | 0.013     | 0         | 50.7 | 48.2 | 70.1 | 154        | 146        | 0          | 36     | 34     |
| 2009 | 6     | 4   | 10   | 41     | 20     | 0.63      | -0.092    | 3.077 | 0.02      | 0.016     | 0         | 51.2 | 48.6 | 70.1 | 154        | 146        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 10   | 51     | 20     | 0.623     | -0.085    | 3.077 | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 70.1 | 153        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 11   | 1      | 20     | 0.64      | -0.082    | 3.077 | 0.016     | 0.016     | 0         | 51.2 | 47.7 | 71   | 154        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 11   | 11     | 20     | 0.659     | -0.098    | 3.077 | 0.016     | 0.016     | 0         | 51.2 | 48.2 | 71   | 154        | 145        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 11   | 21     | 20     | 0.643     | -0.131    | 3.077 | 0.013     | 0.01      | 0         | 51.2 | 47.7 | 71   | 154        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 11   | 31     | 20     | 0.64      | -0.085    | 3.077 | 0.016     | 0.016     | 0         | 51.2 | 47.7 | 65.8 | 154        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 11   | 41     | 20     | 0.679     | -0.108    | 3.077 | 0.013     | 0.01      | 0         | 51.2 | 47.7 | 70.1 | 154        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 11   | 51     | 20     | 0.656     | -0.066    | 3.077 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 70.5 | 154        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 12   | 1      | 20     | 0.673     | -0.112    | 3.077 | 0.013     | 0.01      | 0         | 51.2 | 47.7 | 70.1 | 154        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 12   | 11     | 20     | 0.643     | -0.092    | 3.074 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 55.5 | 154        | 145        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 12   | 21     | 20     | 0.643     | -0.075    | 3.074 | 0.016     | 0.013     | 0         | 51.2 | 47.7 | 48.6 | 154        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 12   | 31     | 20     | 0.656     | -0.082    | 3.077 | 0.016     | 0.013     | 0         | 51.2 | 48.2 | 56.3 | 154        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 12   | 41     | 20     | 0.627     | -0.098    | 3.077 | 0.016     | 0.013     | 0         | 51.2 | 48.2 | 50.3 | 154        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 12   | 51     | 20     | 0.627     | -0.098    | 3.074 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 50.7 | 154        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 13   | 1      | 20     | 0.653     | -0.108    | 3.074 | 0.016     | 0.016     | 0         | 51.2 | 48.6 | 51.6 | 155        | 147        | 0          | 36     | 34     |
| 2009 | 6     | 4   | 13   | 11     | 20     | 0.61      | -0.128    | 3.071 | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 48.6 | 155        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 13   | 21     | 20     | 0.63      | -0.059    | 3.074 | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 49.9 | 155        | 146        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 13   | 31     | 20     | 0.597     | -0.118    | 3.077 | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 50.7 | 155        | 146        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 13   | 41     | 20     | 0.636     | -0.085    | 3.077 | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 50.3 | 155        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 13   | 51     | 20     | 0.614     | -0.085    | 3.077 | 0.016     | 0.016     | 0         | 51.6 | 48.2 | 52   | 155        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 14   | 1      | 20     | 0.597     | -0.075    | 3.077 | 0.016     | 0.013     | 0         | 51.6 | 49   | 49.5 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 14   | 11     | 20     | 0.63      | -0.115    | 3.074 | 0.013     | 0.01      | 0         | 50.7 | 48.6 | 49.9 | 154        | 146        | 0          | 36     | 33     |
| 2009 | 6     | 4   | 14   | 21     | 20     | 0.584     | -0.066    | 3.074 | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 49.9 | 155        | 146        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 14   | 31     | 20     | 0.591     | -0.098    | 3.074 | 0.016     | 0.013     | 0         | 52   | 48.6 | 49   | 155        | 146        | 0          | 34     | 33     |
| 2009 | 6     | 4   | 14   | 41     | 20     | 0.607     | -0.128    | 3.074 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 47.7 | 155        | 146        | 0          | 36     | 34     |
| 2009 | 6     | 4   | 14   | 51     | 20     | 0.646     | -0.118    | 3.077 | 0.016     | 0.013     | 0         | 51.6 | 49   | 49.5 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 15   | 1      | 20     | 0.6       | -0.089    | 3.071 | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 49.9 | 155        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 15   | 11     | 20     | 0.6       | -0.082    | 3.074 | 0.016     | 0.016     | 0         | 52.5 | 49   | 49   | 157        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 15   | 21     | 20     | 0.568     | -0.069    | 3.074 | 0.013     | 0.01      | 0         | 52.5 | 49.5 | 47.7 | 157        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 15   | 31     | 20     | 0.594     | -0.082    | 3.074 | 0.016     | 0.013     | 0         | 52   | 49   | 49.9 | 156        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 15   | 41     | 20     | 0.62      | -0.085    | 3.071 | 0.016     | 0.013     | 0         | 52.5 | 49   | 47.7 | 157        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 15   | 51     | 20     | 0.577     | -0.075    | 3.071 | 0.02      | 0.016     | 0         | 52.5 | 49   | 51.2 | 157        | 148        | 0          | 35     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 4   | 16   | 1      | 20     | 0.627     | -0.075    | 3.074 | 0.016     | 0.013     | 0         | 51.6 | 49.5 | 50.3 | 155        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 16   | 11     | 20     | 0.65      | -0.115    | 3.071 | 0.016     | 0.013     | 0         | 51.6 | 49   | 49   | 156        | 147        | 0          | 36     | 33     |
| 2009 | 6     | 4   | 16   | 21     | 20     | 0.669     | -0.102    | 3.071 | 0.013     | 0.01      | 0         | 52.5 | 49.5 | 49   | 157        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 16   | 31     | 20     | 0.6       | -0.082    | 3.071 | 0.016     | 0.013     | 0         | 52   | 48.6 | 48.2 | 156        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 16   | 41     | 20     | 0.643     | -0.085    | 3.071 | 0.013     | 0.01      | 0         | 52   | 48.6 | 49.9 | 156        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 16   | 51     | 20     | 0.636     | -0.066    | 3.071 | 0.01      | 0.007     | 0         | 52   | 48.6 | 49.5 | 156        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 17   | 1      | 20     | 0.61      | -0.069    | 3.068 | 0.01      | 0.007     | 0         | 52   | 49   | 49.5 | 156        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 17   | 11     | 20     | 0.646     | -0.066    | 3.068 | 0.013     | 0.01      | 0         | 52   | 48.2 | 49   | 156        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 17   | 21     | 20     | 0.581     | -0.079    | 3.068 | 0.016     | 0.013     | 0         | 52   | 48.6 | 49   | 156        | 146        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 17   | 31     | 20     | 0.656     | -0.049    | 3.068 | 0.016     | 0.013     | 0         | 52   | 49   | 49.5 | 156        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 17   | 41     | 20     | 0.6       | -0.095    | 3.068 | 0.016     | 0.016     | 0         | 52   | 49   | 50.3 | 156        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 17   | 51     | 20     | 0.62      | -0.049    | 3.068 | 0.02      | 0.016     | 0         | 51.6 | 49   | 48.6 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 18   | 1      | 20     | 0.62      | -0.092    | 3.064 | 0.016     | 0.013     | 0         | 52.5 | 49   | 45.6 | 157        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 18   | 11     | 20     | 0.617     | -0.092    | 3.064 | 0.02      | 0.016     | 0         | 52.5 | 48.6 | 48.2 | 157        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 18   | 21     | 20     | 0.594     | -0.082    | 3.064 | 0.016     | 0.013     | 0         | 52.9 | 48.6 | 48.6 | 157        | 147        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 18   | 31     | 20     | 0.597     | -0.066    | 3.064 | 0.016     | 0.013     | 0         | 52   | 49   | 50.7 | 156        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 18   | 41     | 20     | 0.6       | -0.062    | 3.061 | 0.016     | 0.013     | 0         | 52   | 48.6 | 49   | 157        | 147        | 0          | 36     | 34     |
| 2009 | 6     | 4   | 18   | 51     | 20     | 0.584     | -0.092    | 3.061 | 0.016     | 0.013     | 0         | 52.5 | 49.5 | 50.3 | 157        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 19   | 1      | 20     | 0.636     | -0.082    | 3.061 | 0.02      | 0.016     | 0         | 52.5 | 49.9 | 51.6 | 157        | 148        | 0          | 35     | 32     |
| 2009 | 6     | 4   | 19   | 11     | 20     | 0.623     | -0.072    | 3.064 | 0.016     | 0.013     | 0         | 52   | 48.6 | 49   | 156        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 19   | 21     | 20     | 0.646     | -0.089    | 3.061 | 0.016     | 0.013     | 0         | 52   | 48.6 | 52.5 | 156        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 19   | 31     | 20     | 0.679     | -0.089    | 3.058 | 0.016     | 0.013     | 0         | 52   | 49   | 50.3 | 156        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 19   | 41     | 20     | 0.663     | -0.082    | 3.058 | 0.013     | 0.01      | 0         | 52.5 | 49.5 | 50.3 | 157        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 19   | 51     | 20     | 0.636     | -0.069    | 3.061 | 0.016     | 0.013     | 0         | 52.5 | 49   | 50.7 | 157        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 20   | 1      | 20     | 0.614     | -0.062    | 3.058 | 0.016     | 0.016     | 0         | 52.5 | 49.5 | 51.2 | 157        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 20   | 11     | 20     | 0.623     | -0.056    | 3.058 | 0.01      | 0.007     | 0         | 52.5 | 49   | 50.7 | 157        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 20   | 21     | 20     | 0.64      | -0.066    | 3.058 | 0.016     | 0.016     | 0         | 52.9 | 49   | 50.7 | 157        | 148        | 0          | 34     | 34     |
| 2009 | 6     | 4   | 20   | 31     | 20     | 0.594     | -0.115    | 3.058 | 0.016     | 0.013     | 0         | 52.5 | 49   | 50.7 | 157        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 20   | 41     | 20     | 0.623     | -0.062    | 3.058 | 0.016     | 0.013     | 0         | 52.5 | 49.5 | 51.2 | 157        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 20   | 51     | 20     | 0.617     | -0.062    | 3.054 | 0.013     | 0.01      | 0         | 52.5 | 49.9 | 49   | 157        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 21   | 1      | 20     | 0.63      | -0.062    | 3.054 | 0.016     | 0.013     | 0         | 52.5 | 49.5 | 53.8 | 157        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 21   | 11     | 20     | 0.597     | -0.082    | 3.054 | 0.016     | 0.016     | 0         | 52   | 49   | 53.8 | 156        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 21   | 21     | 20     | 0.633     | -0.095    | 3.054 | 0.013     | 0.01      | 0         | 52.5 | 49.5 | 51.2 | 157        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 21   | 31     | 20     | 0.643     | -0.075    | 3.051 | 0.016     | 0.013     | 0         | 52   | 49.5 | 53.3 | 156        | 147        | 0          | 35     | 32     |
| 2009 | 6     | 4   | 21   | 41     | 20     | 0.623     | -0.089    | 3.051 | 0.016     | 0.013     | 0         | 52   | 48.6 | 52.9 | 156        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 21   | 51     | 20     | 0.65      | -0.121    | 3.051 | 0.016     | 0.013     | 0         | 52   | 48.6 | 52   | 156        | 146        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 22   | 1      | 20     | 0.643     | -0.075    | 3.051 | 0.01      | 0.007     | 0         | 52   | 49   | 54.2 | 156        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 22   | 11     | 20     | 0.636     | -0.052    | 3.051 | 0.013     | 0.01      | 0         | 52   | 48.6 | 53.3 | 156        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 22   | 21     | 20     | 0.627     | -0.056    | 3.051 | 0.016     | 0.013     | 0         | 52   | 49   | 50.7 | 156        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 22   | 31     | 20     | 0.633     | -0.046    | 3.051 | 0.016     | 0.013     | 0         | 52   | 49   | 52   | 156        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 22   | 41     | 20     | 0.614     | -0.092    | 3.051 | 0.016     | 0.013     | 0         | 52   | 48.6 | 48.6 | 156        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 22   | 51     | 20     | 0.61      | -0.079    | 3.048 | 0.016     | 0.013     | 0         | 52   | 48.6 | 53.3 | 156        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 23   | 1      | 20     | 0.604     | -0.059    | 3.048 | 0.016     | 0.016     | 0         | 52   | 48.6 | 51.6 | 156        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 23   | 11     | 20     | 0.666     | -0.079    | 3.048 | 0.016     | 0.013     | 0         | 51.6 | 48.2 | 51.6 | 155        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 23   | 21     | 20     | 0.6       | -0.082    | 3.048 | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 55.5 | 155        | 146        | 0          | 35     | 33     |
| 2009 | 6     | 4   | 23   | 31     | 20     | 0.63      | -0.075    | 3.048 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 57.6 | 155        | 145        | 0          | 36     | 33     |
| 2009 | 6     | 4   | 23   | 41     | 20     | 0.636     | -0.066    | 3.048 | 0.016     | 0.016     | 0         | 51.6 | 47.7 | 67.5 | 155        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 4   | 23   | 51     | 20     | 0.65      | -0.082    | 3.048 | 0.02      | 0.016     | 0         | 51.2 | 47.7 | 69.7 | 154        | 145        | 0          | 35     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 5   | 0    | 1      | 20     | 0.623     | -0.085    | 3.045 | 0.016     | 0.013     | 0         | 51.2 | 48.2 | 68.4 | 154        | 145        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 0    | 11     | 20     | 0.6       | -0.121    | 3.045 | 0.016     | 0.013     | 0         | 50.7 | 48.2 | 55.9 | 154        | 145        | 0          | 36     | 33     |
| 2009 | 6     | 5   | 0    | 21     | 20     | 0.64      | -0.085    | 3.045 | 0.02      | 0.016     | 0         | 50.7 | 47.7 | 55   | 154        | 145        | 0          | 36     | 34     |
| 2009 | 6     | 5   | 0    | 31     | 20     | 0.643     | -0.089    | 3.045 | 0.016     | 0.016     | 0         | 51.6 | 48.6 | 51.2 | 155        | 146        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 0    | 41     | 20     | 0.607     | -0.033    | 3.045 | 0.016     | 0.016     | 0         | 51.6 | 48.6 | 51.2 | 155        | 146        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 0    | 51     | 20     | 0.659     | -0.105    | 3.045 | 0.016     | 0.013     | 0         | 51.6 | 48.2 | 51.2 | 155        | 145        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 1    | 1      | 20     | 0.63      | -0.079    | 3.041 | 0.016     | 0.013     | 0         | 51.2 | 47.7 | 55   | 154        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 1    | 11     | 20     | 0.63      | -0.069    | 3.041 | 0.02      | 0.016     | 0         | 51.6 | 47.7 | 46.9 | 155        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 1    | 21     | 20     | 0.673     | -0.075    | 3.041 | 0.016     | 0.013     | 0         | 51.6 | 48.2 | 54.6 | 155        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 1    | 31     | 20     | 0.61      | -0.082    | 3.041 | 0.02      | 0.016     | 0         | 51.6 | 48.2 | 52.9 | 155        | 145        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 1    | 41     | 20     | 0.636     | -0.089    | 3.041 | 0.013     | 0.01      | 0         | 51.2 | 47.7 | 69.2 | 154        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 1    | 51     | 20     | 0.617     | -0.079    | 3.041 | 0.016     | 0.013     | 0         | 51.2 | 48.6 | 57.6 | 155        | 146        | 0          | 36     | 33     |
| 2009 | 6     | 5   | 2    | 1      | 20     | 0.636     | -0.072    | 3.041 | 0.016     | 0.013     | 0         | 51.6 | 48.2 | 50.7 | 155        | 145        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 2    | 11     | 20     | 0.61      | -0.089    | 3.041 | 0.013     | 0.01      | 0         | 51.6 | 48.2 | 58.5 | 155        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 2    | 21     | 20     | 0.636     | -0.092    | 3.041 | 0.016     | 0.013     | 0         | 51.6 | 48.2 | 66.7 | 155        | 145        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 2    | 31     | 20     | 0.643     | -0.082    | 3.041 | 0.016     | 0.013     | 0         | 51.6 | 48.2 | 68.8 | 155        | 145        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 2    | 41     | 20     | 0.653     | -0.095    | 3.041 | 0.016     | 0.013     | 0         | 51.2 | 48.2 | 70.5 | 154        | 145        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 2    | 51     | 20     | 0.696     | -0.075    | 3.038 | 0.016     | 0.016     | 0         | 51.2 | 47.7 | 63.2 | 154        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 3    | 1      | 20     | 0.633     | -0.092    | 3.038 | 0.02      | 0.016     | 0         | 50.7 | 47.7 | 59.8 | 154        | 145        | 0          | 36     | 34     |
| 2009 | 6     | 5   | 3    | 11     | 20     | 0.666     | -0.098    | 3.038 | 0.016     | 0.013     | 0         | 51.2 | 47.7 | 52   | 154        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 3    | 21     | 20     | 0.663     | -0.102    | 3.038 | 0.016     | 0.013     | 0         | 51.2 | 47.3 | 69.2 | 154        | 144        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 3    | 31     | 20     | 0.623     | -0.079    | 3.038 | 0.016     | 0.016     | 0         | 50.7 | 47.7 | 70.5 | 154        | 145        | 0          | 36     | 34     |
| 2009 | 6     | 5   | 3    | 41     | 20     | 0.682     | -0.089    | 3.038 | 0.016     | 0.016     | 0         | 50.7 | 47.7 | 70.1 | 154        | 145        | 0          | 36     | 34     |
| 2009 | 6     | 5   | 3    | 51     | 20     | 0.659     | -0.066    | 3.035 | 0.016     | 0.016     | 0         | 51.2 | 47.7 | 64.1 | 154        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 4    | 1      | 20     | 0.64      | -0.079    | 3.038 | 0.016     | 0.013     | 0         | 50.7 | 47.3 | 66.7 | 154        | 144        | 0          | 36     | 34     |
| 2009 | 6     | 5   | 4    | 11     | 20     | 0.653     | -0.089    | 3.038 | 0.016     | 0.013     | 0         | 50.7 | 47.7 | 68.8 | 154        | 145        | 0          | 36     | 34     |
| 2009 | 6     | 5   | 4    | 21     | 20     | 0.653     | -0.072    | 3.038 | 0.016     | 0.013     | 0         | 51.2 | 47.7 | 71   | 154        | 144        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 4    | 31     | 20     | 0.64      | -0.095    | 3.038 | 0.013     | 0.01      | 0         | 50.7 | 47.7 | 71.4 | 153        | 144        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 4    | 41     | 20     | 0.643     | -0.082    | 3.035 | 0.013     | 0.01      | 0         | 51.2 | 47.7 | 71.4 | 155        | 145        | 0          | 36     | 34     |
| 2009 | 6     | 5   | 4    | 51     | 20     | 0.65      | -0.079    | 3.035 | 0.016     | 0.013     | 0         | 51.2 | 47.7 | 70.5 | 154        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 5    | 1      | 20     | 0.656     | -0.118    | 3.035 | 0.016     | 0.013     | 0         | 51.2 | 48.2 | 71   | 154        | 145        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 5    | 11     | 20     | 0.63      | -0.102    | 3.035 | 0.016     | 0.013     | 0         | 51.2 | 47.3 | 70.1 | 154        | 144        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 5    | 21     | 20     | 0.659     | -0.066    | 3.035 | 0.016     | 0.016     | 0         | 50.7 | 48.2 | 68.8 | 154        | 145        | 0          | 36     | 33     |
| 2009 | 6     | 5   | 5    | 31     | 20     | 0.646     | -0.108    | 3.031 | 0.016     | 0.013     | 0         | 51.2 | 48.2 | 55.9 | 155        | 145        | 0          | 36     | 33     |
| 2009 | 6     | 5   | 5    | 41     | 20     | 0.6       | -0.118    | 3.031 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 67.1 | 155        | 145        | 0          | 36     | 33     |
| 2009 | 6     | 5   | 5    | 51     | 20     | 0.597     | -0.062    | 3.035 | 0.016     | 0.016     | 0         | 51.6 | 48.2 | 70.1 | 155        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 6    | 1      | 20     | 0.627     | -0.112    | 3.035 | 0.013     | 0.01      | 0         | 51.2 | 48.2 | 70.5 | 155        | 145        | 0          | 36     | 33     |
| 2009 | 6     | 5   | 6    | 11     | 20     | 0.659     | -0.062    | 3.031 | 0.016     | 0.016     | 0         | 51.6 | 48.2 | 70.1 | 155        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 6    | 21     | 20     | 0.62      | -0.079    | 3.031 | 0.016     | 0.013     | 0         | 51.2 | 48.2 | 70.5 | 154        | 145        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 6    | 31     | 20     | 0.696     | -0.085    | 3.031 | 0.016     | 0.013     | 0         | 51.2 | 47.7 | 69.2 | 154        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 6    | 41     | 20     | 0.653     | -0.062    | 3.031 | 0.016     | 0.013     | 0         | 51.2 | 47.7 | 69.2 | 154        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 6    | 51     | 20     | 0.679     | -0.112    | 3.028 | 0.016     | 0.013     | 0         | 51.2 | 47.7 | 62.4 | 154        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 7    | 1      | 20     | 0.663     | -0.082    | 3.031 | 0.016     | 0.013     | 0         | 51.6 | 48.2 | 68.8 | 155        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 7    | 11     | 20     | 0.653     | -0.098    | 3.028 | 0.016     | 0.013     | 0         | 51.2 | 48.2 | 68.8 | 154        | 145        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 7    | 21     | 20     | 0.65      | -0.069    | 3.031 | 0.016     | 0.016     | 0         | 51.2 | 47.7 | 68.8 | 154        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 7    | 31     | 20     | 0.682     | -0.075    | 3.028 | 0.02      | 0.016     | 0         | 51.2 | 47.7 | 68.4 | 154        | 145        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 7    | 41     | 20     | 0.627     | -0.098    | 3.028 | 0.016     | 0.016     | 0         | 50.7 | 47.7 | 67.1 | 154        | 145        | 0          | 36     | 34     |
| 2009 | 6     | 5   | 7    | 51     | 20     | 0.653     | -0.079    | 3.028 | 0.016     | 0.016     | 0         | 51.2 | 47.7 | 68.4 | 154        | 145        | 0          | 35     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 5   | 8    | 1      | 20     | 0.712     | -0.085    | 3.028 | 0.01      | 0.007     | 0         | 51.2 | 48.2 | 67.9 | 154        | 145        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 8    | 11     | 20     | 0.679     | -0.079    | 3.025 | 0.016     | 0.013     | 0         | 50.7 | 47.7 | 66.7 | 154        | 145        | 0          | 36     | 34     |
| 2009 | 6     | 5   | 8    | 21     | 20     | 0.65      | -0.079    | 3.022 | 0.016     | 0.013     | 0         | 51.6 | 48.2 | 66.7 | 155        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 8    | 31     | 20     | 0.65      | -0.079    | 3.018 | 0.016     | 0.016     | 0         | 51.6 | 48.2 | 62.8 | 155        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 8    | 41     | 20     | 0.614     | -0.115    | 3.015 | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 64.5 | 155        | 146        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 8    | 51     | 20     | 0.689     | -0.085    | 3.015 | 0.016     | 0.013     | 0         | 51.6 | 48.2 | 66.7 | 155        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 9    | 1      | 20     | 0.663     | -0.052    | 3.015 | 0.016     | 0.016     | 0         | 51.6 | 48.2 | 57.6 | 155        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 9    | 11     | 20     | 0.673     | -0.079    | 3.012 | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 62.8 | 155        | 146        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 9    | 21     | 20     | 0.682     | -0.072    | 3.012 | 0.016     | 0.013     | 0         | 51.6 | 48.2 | 63.2 | 155        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 9    | 31     | 20     | 0.673     | -0.079    | 3.012 | 0.016     | 0.013     | 0         | 51.2 | 48.2 | 67.5 | 155        | 146        | 0          | 36     | 34     |
| 2009 | 6     | 5   | 9    | 41     | 20     | 0.64      | -0.089    | 3.012 | 0.013     | 0.01      | 0         | 51.6 | 48.2 | 68.4 | 155        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 9    | 51     | 20     | 0.64      | -0.085    | 3.012 | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 68.4 | 155        | 146        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 10   | 1      | 20     | 0.604     | -0.095    | 3.009 | 0.013     | 0.01      | 0         | 51.6 | 46.9 | 69.2 | 155        | 146        | 0          | 35     | 37     |
| 2009 | 6     | 5   | 10   | 11     | 20     | 0.594     | -0.039    | 3.009 | 0.016     | 0.016     | 0         | 51.2 | 48.6 | 67.5 | 155        | 146        | 0          | 36     | 33     |
| 2009 | 6     | 5   | 10   | 21     | 20     | 0.669     | -0.082    | 3.009 | 0.013     | 0.01      | 0         | 52   | 40.9 | 67.9 | 156        | 148        | 0          | 35     | 53     |
| 2009 | 6     | 5   | 10   | 31     | 20     | 0.679     | -0.092    | 3.009 | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 69.2 | 156        | 147        | 0          | 36     | 34     |
| 2009 | 6     | 5   | 10   | 41     | 20     | 0.63      | -0.092    | 3.009 | 0.016     | 0.016     | 0         | 51.6 | 48.6 | 69.2 | 156        | 147        | 0          | 36     | 34     |
| 2009 | 6     | 5   | 10   | 51     | 20     | 0.627     | -0.082    | 3.009 | 0.016     | 0.016     | 0         | 52   | 48.6 | 69.7 | 156        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 11   | 6      | 40     | 0.673     | -0.082    | 3.009 | 0.016     | 0.016     | 0         | 52   | 49   | 68.8 | 156        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 11   | 16     | 40     | 0.656     | -0.079    | 3.009 | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 70.1 | 156        | 147        | 0          | 36     | 34     |
| 2009 | 6     | 5   | 11   | 26     | 40     | 0.689     | -0.095    | 3.009 | 0.016     | 0.016     | 0         | 51.6 | 48.6 | 67.1 | 155        | 146        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 11   | 36     | 40     | 0.686     | -0.085    | 3.009 | 0.016     | 0.016     | 0         | 51.6 | 48.6 | 67.5 | 155        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 11   | 46     | 40     | 0.646     | -0.095    | 3.009 | 0.016     | 0.013     | 0         | 52   | 49   | 70.1 | 156        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 11   | 56     | 40     | 0.584     | -0.066    | 3.005 | 0.016     | 0.013     | 0         | 52   | 49   | 70.1 | 156        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 12   | 6      | 40     | 0.686     | -0.085    | 3.005 | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 71   | 155        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 12   | 16     | 40     | 0.643     | -0.072    | 3.005 | 0.016     | 0.016     | 0         | 52   | 48.6 | 71   | 156        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 12   | 26     | 40     | 0.719     | -0.075    | 3.005 | 0.016     | 0.016     | 0         | 52   | 48.6 | 71   | 156        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 12   | 36     | 40     | 0.61      | -0.043    | 3.005 | 0.016     | 0.016     | 0         | 52   | 49   | 62.8 | 156        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 12   | 46     | 40     | 0.653     | -0.095    | 3.005 | 0.016     | 0.013     | 0         | 52   | 49.5 | 70.5 | 156        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 12   | 56     | 40     | 0.653     | -0.108    | 3.005 | 0.016     | 0.013     | 0         | 52   | 48.6 | 68.8 | 156        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 13   | 6      | 40     | 0.604     | -0.085    | 3.005 | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 70.1 | 155        | 146        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 13   | 16     | 40     | 0.679     | -0.085    | 3.002 | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 68.8 | 155        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 13   | 26     | 40     | 0.663     | -0.089    | 3.002 | 0.016     | 0.016     | 0         | 52   | 49   | 68.4 | 156        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 13   | 36     | 40     | 0.63      | -0.095    | 3.002 | 0.016     | 0.016     | 0         | 52   | 49.5 | 65.8 | 156        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 13   | 46     | 40     | 0.63      | -0.105    | 3.002 | 0.013     | 0.01      | 0         | 52   | 48.6 | 69.2 | 156        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 13   | 56     | 40     | 0.673     | -0.046    | 3.002 | 0.016     | 0.013     | 0         | 52   | 49   | 68.4 | 155        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 14   | 6      | 40     | 0.62      | -0.075    | 3.002 | 0.016     | 0.013     | 0         | 52   | 49.5 | 67.5 | 156        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 14   | 16     | 40     | 0.686     | -0.066    | 2.999 | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 66.7 | 155        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 14   | 26     | 40     | 0.676     | -0.095    | 2.995 | 0.016     | 0.016     | 0         | 52   | 49.5 | 67.1 | 156        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 14   | 36     | 40     | 0.719     | -0.112    | 2.992 | 0.013     | 0.01      | 0         | 52   | 49   | 66.2 | 156        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 14   | 46     | 40     | 0.682     | -0.098    | 2.989 | 0.02      | 0.016     | 0         | 51.6 | 49   | 67.1 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 14   | 56     | 40     | 0.63      | -0.089    | 2.986 | 0.016     | 0.013     | 0         | 51.6 | 49   | 67.1 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 15   | 6      | 40     | 0.692     | -0.069    | 2.986 | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 67.1 | 155        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 15   | 16     | 40     | 0.63      | -0.066    | 2.986 | 0.016     | 0.016     | 0         | 52   | 49   | 67.5 | 155        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 15   | 26     | 40     | 0.623     | -0.115    | 2.986 | 0.016     | 0.013     | 0         | 52   | 49   | 67.9 | 156        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 15   | 36     | 40     | 0.65      | -0.085    | 2.982 | 0.016     | 0.013     | 0         | 52   | 49   | 67.5 | 156        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 15   | 46     | 40     | 0.617     | -0.112    | 2.982 | 0.016     | 0.013     | 0         | 52   | 49   | 64.5 | 156        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 15   | 56     | 40     | 0.643     | -0.052    | 2.982 | 0.016     | 0.013     | 0         | 52   | 49.5 | 69.2 | 156        | 148        | 0          | 35     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 5   | 16   | 6      | 40     | 0.643     | -0.082    | 2.982 | 0.016     | 0.013     | 0         | 51.6 | 49   | 69.2 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 16   | 16     | 40     | 0.617     | -0.102    | 2.982 | 0.02      | 0.016     | 0         | 52   | 49.9 | 64.1 | 156        | 148        | 0          | 35     | 32     |
| 2009 | 6     | 5   | 16   | 26     | 40     | 0.679     | -0.098    | 2.979 | 0.016     | 0.013     | 0         | 52   | 49   | 69.7 | 156        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 16   | 36     | 40     | 0.689     | -0.089    | 2.979 | 0.016     | 0.013     | 0         | 52   | 49.5 | 70.1 | 156        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 16   | 46     | 40     | 0.656     | -0.098    | 2.979 | 0.016     | 0.013     | 0         | 51.6 | 49   | 70.1 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 16   | 56     | 40     | 0.646     | -0.062    | 2.979 | 0.016     | 0.013     | 0         | 51.6 | 49   | 70.1 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 17   | 6      | 40     | 0.669     | -0.098    | 2.979 | 0.016     | 0.016     | 0         | 51.6 | 48.2 | 69.2 | 155        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 17   | 16     | 40     | 0.705     | -0.089    | 2.979 | 0.02      | 0.016     | 0         | 51.6 | 49   | 71   | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 17   | 26     | 40     | 0.633     | -0.049    | 2.979 | 0.016     | 0.016     | 0         | 51.6 | 49   | 70.5 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 17   | 36     | 40     | 0.659     | -0.059    | 2.976 | 0.016     | 0.013     | 0         | 52   | 49   | 66.7 | 155        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 17   | 46     | 40     | 0.659     | -0.102    | 2.976 | 0.016     | 0.013     | 0         | 51.6 | 49.5 | 70.1 | 155        | 147        | 0          | 35     | 32     |
| 2009 | 6     | 5   | 17   | 56     | 40     | 0.653     | -0.085    | 2.976 | 0.016     | 0.016     | 0         | 52   | 49   | 69.2 | 156        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 18   | 6      | 40     | 0.663     | -0.115    | 2.976 | 0.016     | 0.013     | 0         | 51.6 | 49   | 70.5 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 18   | 16     | 40     | 0.663     | -0.062    | 2.976 | 0.016     | 0.013     | 0         | 51.6 | 49   | 70.1 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 18   | 26     | 40     | 0.653     | -0.075    | 2.976 | 0.016     | 0.016     | 0         | 52   | 49   | 70.1 | 155        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 18   | 36     | 40     | 0.699     | -0.066    | 2.976 | 0.02      | 0.016     | 0         | 52   | 49   | 70.5 | 155        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 18   | 46     | 40     | 0.696     | -0.138    | 2.972 | 0.016     | 0.013     | 0         | 51.6 | 49   | 70.5 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 18   | 56     | 40     | 0.65      | -0.102    | 2.972 | 0.013     | 0.01      | 0         | 51.6 | 48.6 | 69.2 | 155        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 19   | 6      | 40     | 0.659     | -0.075    | 2.972 | 0.01      | 0.007     | 0         | 51.6 | 49   | 70.1 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 19   | 16     | 40     | 0.669     | -0.059    | 2.969 | 0.013     | 0.01      | 0         | 51.6 | 49   | 69.7 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 19   | 26     | 40     | 0.696     | -0.049    | 2.969 | 0.016     | 0.016     | 0         | 52   | 49   | 69.7 | 155        | 147        | 0          | 34     | 33     |
| 2009 | 6     | 5   | 19   | 36     | 40     | 0.696     | -0.095    | 2.969 | 0.016     | 0.013     | 0         | 51.6 | 49   | 68.8 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 19   | 46     | 40     | 0.63      | -0.049    | 2.969 | 0.016     | 0.016     | 0         | 51.6 | 49   | 69.2 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 19   | 56     | 40     | 0.699     | -0.079    | 2.969 | 0.016     | 0.013     | 0         | 52   | 49   | 69.2 | 156        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 20   | 6      | 40     | 0.663     | -0.082    | 2.966 | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 68.8 | 155        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 20   | 16     | 40     | 0.659     | -0.075    | 2.966 | 0.016     | 0.013     | 0         | 52   | 49   | 68.8 | 156        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 20   | 26     | 40     | 0.636     | -0.085    | 2.966 | 0.016     | 0.013     | 0         | 52.5 | 49.5 | 68.4 | 157        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 20   | 36     | 40     | 0.633     | -0.069    | 2.966 | 0.016     | 0.016     | 0         | 52   | 49.5 | 68.4 | 156        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 20   | 46     | 40     | 0.735     | -0.125    | 2.963 | 0.016     | 0.016     | 0         | 52   | 49.5 | 67.9 | 156        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 20   | 56     | 40     | 0.663     | -0.066    | 2.963 | 0.016     | 0.016     | 0         | 52   | 49   | 67.9 | 156        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 21   | 6      | 40     | 0.636     | -0.095    | 2.963 | 0.016     | 0.016     | 0         | 52   | 49   | 67.5 | 156        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 21   | 16     | 40     | 0.627     | -0.085    | 2.963 | 0.016     | 0.013     | 0         | 52   | 49   | 67.9 | 156        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 21   | 26     | 40     | 0.653     | -0.075    | 2.959 | 0.016     | 0.013     | 0         | 52   | 49   | 66.7 | 156        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 21   | 36     | 40     | 0.673     | -0.098    | 2.959 | 0.016     | 0.013     | 0         | 52   | 48.6 | 67.1 | 156        | 146        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 21   | 46     | 40     | 0.666     | -0.079    | 2.956 | 0.013     | 0.01      | 0         | 52   | 49   | 65.8 | 156        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 21   | 56     | 40     | 0.679     | -0.066    | 2.956 | 0.016     | 0.016     | 0         | 51.6 | 49   | 66.7 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 22   | 6      | 40     | 0.653     | -0.085    | 2.953 | 0.016     | 0.016     | 0         | 51.2 | 49   | 67.1 | 155        | 147        | 0          | 36     | 33     |
| 2009 | 6     | 5   | 22   | 16     | 40     | 0.669     | -0.082    | 2.949 | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 67.5 | 155        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 5   | 22   | 26     | 40     | 0.663     | -0.085    | 2.946 | 0.02      | 0.016     | 0         | 51.6 | 48.6 | 67.5 | 155        | 146        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 22   | 36     | 40     | 0.63      | -0.082    | 2.946 | 0.013     | 0.01      | 0         | 51.6 | 49   | 66.7 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 22   | 46     | 40     | 0.65      | -0.046    | 2.943 | 0.016     | 0.016     | 0         | 51.6 | 49   | 67.5 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 22   | 56     | 40     | 0.663     | -0.095    | 2.943 | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 67.9 | 155        | 146        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 23   | 6      | 40     | 0.636     | -0.095    | 2.943 | 0.016     | 0.013     | 0         | 51.6 | 49   | 67.5 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 23   | 16     | 40     | 0.669     | -0.095    | 2.943 | 0.013     | 0.01      | 0         | 51.6 | 49   | 67.9 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 23   | 26     | 40     | 0.669     | -0.108    | 2.94  | 0.016     | 0.013     | 0         | 51.2 | 48.6 | 68.8 | 154        | 146        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 23   | 36     | 40     | 0.666     | -0.062    | 2.94  | 0.016     | 0.013     | 0         | 51.6 | 49   | 67.9 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 23   | 46     | 40     | 0.699     | -0.082    | 2.94  | 0.016     | 0.016     | 0         | 51.6 | 49   | 68.8 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 5   | 23   | 56     | 40     | 0.646     | -0.066    | 2.94  | 0.016     | 0.013     | 0         | 51.2 | 48.6 | 69.2 | 154        | 146        | 0          | 35     | 33     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 6   | 0    | 6      | 40     | 0.659     | -0.112    | 2.936 | 0.016     | 0.016     | 0         | 51.6 | 48.2 | 68.4 | 155        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 0    | 16     | 40     | 0.686     | -0.066    | 2.936 | 0.016     | 0.016     | 0         | 51.6 | 49   | 69.2 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 0    | 26     | 40     | 0.614     | -0.075    | 2.936 | 0.016     | 0.013     | 0         | 51.6 | 48.2 | 68.8 | 155        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 0    | 36     | 40     | 0.65      | -0.079    | 2.936 | 0.016     | 0.013     | 0         | 51.6 | 49   | 69.2 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 0    | 46     | 40     | 0.715     | -0.082    | 2.936 | 0.016     | 0.016     | 0         | 51.6 | 48.6 | 68.8 | 155        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 0    | 56     | 40     | 0.633     | -0.082    | 2.936 | 0.016     | 0.016     | 0         | 51.6 | 49   | 68.8 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 1    | 6      | 40     | 0.663     | -0.075    | 2.933 | 0.013     | 0.01      | 0         | 51.6 | 49   | 69.7 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 1    | 16     | 40     | 0.686     | -0.095    | 2.933 | 0.016     | 0.013     | 0         | 51.6 | 49   | 69.2 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 1    | 26     | 40     | 0.679     | -0.085    | 2.933 | 0.016     | 0.016     | 0         | 51.6 | 48.6 | 70.1 | 155        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 1    | 36     | 40     | 0.679     | -0.062    | 2.933 | 0.016     | 0.013     | 0         | 51.6 | 49   | 70.1 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 1    | 46     | 40     | 0.705     | -0.066    | 2.933 | 0.016     | 0.013     | 0         | 51.6 | 49   | 70.1 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 1    | 56     | 40     | 0.709     | -0.112    | 2.933 | 0.016     | 0.013     | 0         | 51.6 | 49   | 69.2 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 2    | 6      | 40     | 0.669     | -0.082    | 2.933 | 0.013     | 0.01      | 0         | 51.6 | 49   | 70.1 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 2    | 16     | 40     | 0.61      | -0.062    | 2.93  | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 70.5 | 155        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 2    | 26     | 40     | 0.656     | -0.069    | 2.93  | 0.016     | 0.013     | 0         | 52   | 49   | 68.4 | 156        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 2    | 36     | 40     | 0.663     | -0.082    | 2.93  | 0.016     | 0.016     | 0         | 52   | 49   | 68.4 | 156        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 2    | 46     | 40     | 0.663     | -0.046    | 2.93  | 0.016     | 0.013     | 0         | 51.6 | 49   | 69.7 | 156        | 147        | 0          | 36     | 33     |
| 2009 | 6     | 6   | 2    | 56     | 40     | 0.653     | -0.075    | 2.93  | 0.016     | 0.016     | 0         | 52   | 48.6 | 68.8 | 156        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 3    | 6      | 40     | 0.65      | -0.089    | 2.93  | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 70.1 | 156        | 147        | 0          | 36     | 34     |
| 2009 | 6     | 6   | 3    | 16     | 40     | 0.719     | -0.102    | 2.927 | 0.016     | 0.016     | 0         | 51.6 | 48.2 | 70.5 | 155        | 146        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 3    | 26     | 40     | 0.686     | -0.075    | 2.927 | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 70.5 | 155        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 3    | 36     | 40     | 0.643     | -0.072    | 2.927 | 0.016     | 0.016     | 0         | 51.6 | 48.6 | 70.5 | 155        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 3    | 46     | 40     | 0.712     | -0.102    | 2.927 | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 70.5 | 155        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 3    | 56     | 40     | 0.682     | -0.089    | 2.927 | 0.016     | 0.016     | 0         | 51.2 | 48.6 | 69.7 | 155        | 147        | 0          | 36     | 34     |
| 2009 | 6     | 6   | 4    | 6      | 40     | 0.64      | -0.105    | 2.927 | 0.016     | 0.016     | 0         | 51.6 | 49   | 69.2 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 4    | 16     | 40     | 0.643     | -0.089    | 2.927 | 0.016     | 0.013     | 0         | 51.2 | 49   | 70.5 | 155        | 147        | 0          | 36     | 33     |
| 2009 | 6     | 6   | 4    | 26     | 40     | 0.669     | -0.089    | 2.923 | 0.016     | 0.013     | 0         | 51.6 | 49   | 69.7 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 4    | 36     | 40     | 0.702     | -0.105    | 2.923 | 0.016     | 0.013     | 0         | 51.6 | 48.6 | 70.5 | 156        | 147        | 0          | 36     | 34     |
| 2009 | 6     | 6   | 4    | 46     | 40     | 0.656     | -0.066    | 2.923 | 0.013     | 0.01      | 0         | 51.6 | 49   | 70.1 | 155        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 4    | 56     | 40     | 0.686     | -0.066    | 2.923 | 0.016     | 0.016     | 0         | 52   | 48.6 | 70.1 | 156        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 5    | 6      | 40     | 0.679     | -0.102    | 2.923 | 0.016     | 0.016     | 0         | 51.2 | 49   | 70.1 | 155        | 147        | 0          | 36     | 33     |
| 2009 | 6     | 6   | 5    | 16     | 40     | 0.673     | -0.066    | 2.92  | 0.016     | 0.016     | 0         | 52   | 48.6 | 69.7 | 156        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 5    | 26     | 40     | 0.669     | -0.085    | 2.92  | 0.016     | 0.013     | 0         | 52   | 49   | 68.4 | 156        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 5    | 36     | 40     | 0.682     | -0.072    | 2.92  | 0.016     | 0.013     | 0         | 52   | 49.5 | 68.4 | 156        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 5    | 46     | 40     | 0.627     | -0.112    | 2.917 | 0.016     | 0.016     | 0         | 52   | 49.5 | 68.4 | 156        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 5    | 56     | 40     | 0.741     | -0.098    | 2.917 | 0.016     | 0.016     | 0         | 51.6 | 49   | 67.9 | 156        | 148        | 0          | 36     | 34     |
| 2009 | 6     | 6   | 6    | 6      | 40     | 0.676     | -0.112    | 2.917 | 0.016     | 0.013     | 0         | 52.5 | 49   | 67.5 | 157        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 6    | 16     | 40     | 0.653     | -0.089    | 2.917 | 0.016     | 0.016     | 0         | 52   | 49   | 67.5 | 156        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 6    | 26     | 40     | 0.686     | -0.121    | 2.913 | 0.016     | 0.016     | 0         | 52   | 49.5 | 66.7 | 156        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 6    | 36     | 40     | 0.692     | -0.082    | 2.913 | 0.016     | 0.016     | 0         | 51.6 | 49   | 66.7 | 156        | 148        | 0          | 36     | 34     |
| 2009 | 6     | 6   | 6    | 46     | 40     | 0.719     | -0.095    | 2.91  | 0.02      | 0.016     | 0         | 51.6 | 49   | 66.2 | 156        | 148        | 0          | 36     | 34     |
| 2009 | 6     | 6   | 6    | 56     | 40     | 0.722     | -0.095    | 2.91  | 0.016     | 0.016     | 0         | 52   | 49.5 | 65.8 | 156        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 7    | 6      | 40     | 0.663     | -0.102    | 2.907 | 0.016     | 0.013     | 0         | 51.6 | 49   | 65.4 | 156        | 148        | 0          | 36     | 34     |
| 2009 | 6     | 6   | 7    | 16     | 40     | 0.643     | -0.072    | 2.904 | 0.02      | 0.016     | 0         | 52   | 49   | 66.2 | 156        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 7    | 26     | 40     | 0.689     | -0.059    | 2.9   | 0.016     | 0.016     | 0         | 52   | 49   | 66.2 | 156        | 147        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 7    | 36     | 40     | 0.663     | -0.092    | 2.9   | 0.016     | 0.016     | 0         | 50.7 | 49.5 | 66.7 | 154        | 148        | 0          | 36     | 33     |
| 2009 | 6     | 6   | 7    | 46     | 40     | 0.715     | -0.066    | 2.897 | 0.016     | 0.016     | 0         | 52   | 49   | 67.1 | 156        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 7    | 56     | 40     | 0.699     | -0.098    | 2.897 | 0.016     | 0.016     | 0         | 52   | 49   | 67.5 | 156        | 148        | 0          | 35     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 6   | 8    | 6      | 40     | 0.659     | -0.095    | 2.897 | 0.016     | 0.013     | 0         | 52   | 48.6 | 67.5 | 156        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 8    | 16     | 40     | 0.633     | -0.066    | 2.897 | 0.016     | 0.013     | 0         | 52   | 49.5 | 67.5 | 156        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 8    | 26     | 40     | 0.696     | -0.092    | 2.894 | 0.016     | 0.016     | 0         | 52.5 | 49   | 66.7 | 157        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 8    | 36     | 40     | 0.646     | -0.079    | 2.894 | 0.016     | 0.016     | 0         | 52.5 | 49   | 61.9 | 157        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 8    | 46     | 40     | 0.643     | -0.072    | 2.894 | 0.016     | 0.016     | 0         | 52   | 49   | 66.7 | 156        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 8    | 56     | 40     | 0.643     | -0.062    | 2.894 | 0.016     | 0.016     | 0         | 52.5 | 49.5 | 65.8 | 157        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 9    | 6      | 40     | 0.669     | -0.075    | 2.89  | 0.02      | 0.016     | 0         | 52.5 | 49.5 | 57.2 | 157        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 9    | 16     | 40     | 0.558     | -0.062    | 2.89  | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 60.6 | 157        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 9    | 26     | 40     | 0.643     | -0.046    | 2.89  | 0.016     | 0.013     | 0         | 52.5 | 49.5 | 66.2 | 157        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 9    | 36     | 40     | 0.709     | -0.082    | 2.89  | 0.016     | 0.016     | 0         | 52.5 | 49.5 | 63.6 | 157        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 9    | 46     | 40     | 0.676     | -0.062    | 2.89  | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 67.5 | 157        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 9    | 56     | 40     | 0.614     | -0.085    | 2.89  | 0.016     | 0.016     | 0         | 52.5 | 49.5 | 67.5 | 157        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 10   | 6      | 40     | 0.669     | -0.075    | 2.89  | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 63.6 | 157        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 10   | 16     | 40     | 0.673     | -0.092    | 2.887 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 66.7 | 157        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 10   | 26     | 40     | 0.636     | -0.082    | 2.887 | 0.013     | 0.01      | 0         | 52.5 | 49.5 | 66.2 | 157        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 10   | 36     | 40     | 0.617     | -0.079    | 2.887 | 0.016     | 0.016     | 0         | 52.9 | 47.3 | 61.9 | 157        | 149        | 0          | 34     | 39     |
| 2009 | 6     | 6   | 10   | 46     | 40     | 0.646     | -0.085    | 2.887 | 0.02      | 0.016     | 0         | 51.6 | 49.9 | 68.8 | 157        | 149        | 0          | 37     | 33     |
| 2009 | 6     | 6   | 10   | 56     | 40     | 0.627     | -0.082    | 2.884 | 0.016     | 0.013     | 0         | 52   | 49.9 | 65.8 | 156        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 11   | 6      | 40     | 0.673     | -0.098    | 2.884 | 0.016     | 0.016     | 0         | 52.5 | 49   | 65.4 | 157        | 149        | 0          | 35     | 35     |
| 2009 | 6     | 6   | 11   | 16     | 40     | 0.659     | -0.046    | 2.884 | 0.016     | 0.013     | 0         | 52.5 | 49.5 | 64.1 | 157        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 11   | 26     | 40     | 0.64      | -0.095    | 2.884 | 0.016     | 0.013     | 0         | 52   | 49   | 67.5 | 156        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 11   | 36     | 40     | 0.673     | -0.066    | 2.884 | 0.016     | 0.013     | 0         | 52.5 | 49.5 | 67.5 | 157        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 11   | 46     | 40     | 0.676     | -0.052    | 2.881 | 0.016     | 0.016     | 0         | 52.5 | 49.5 | 67.5 | 157        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 11   | 56     | 40     | 0.653     | -0.112    | 2.881 | 0.016     | 0.013     | 0         | 52.5 | 49.5 | 66.7 | 157        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 12   | 6      | 40     | 0.682     | -0.082    | 2.881 | 0.016     | 0.013     | 0         | 52   | 49.5 | 67.1 | 156        | 148        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 12   | 16     | 40     | 0.646     | -0.069    | 2.877 | 0.013     | 0.01      | 0         | 52   | 49   | 66.2 | 156        | 148        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 12   | 26     | 40     | 0.643     | -0.115    | 2.871 | 0.016     | 0.016     | 0         | 52.5 | 49.5 | 65.8 | 157        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 12   | 36     | 40     | 0.646     | -0.112    | 2.867 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 64.1 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 12   | 46     | 40     | 0.696     | -0.112    | 2.867 | 0.02      | 0.016     | 0         | 52.5 | 49.5 | 63.6 | 157        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 12   | 56     | 40     | 0.63      | -0.046    | 2.864 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 58.9 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 13   | 6      | 40     | 0.623     | -0.082    | 2.864 | 0.02      | 0.016     | 0         | 52.5 | 49.9 | 58.9 | 157        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 13   | 16     | 40     | 0.646     | -0.056    | 2.864 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 66.7 | 157        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 13   | 26     | 40     | 0.64      | -0.082    | 2.864 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 51.6 | 157        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 13   | 36     | 40     | 0.659     | -0.085    | 2.864 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 52.9 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 13   | 46     | 40     | 0.646     | -0.066    | 2.861 | 0.016     | 0.016     | 0         | 52.5 | 49.9 | 48.6 | 157        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 13   | 56     | 40     | 0.63      | -0.079    | 2.861 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 62.4 | 157        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 14   | 6      | 40     | 0.64      | -0.089    | 2.861 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 54.6 | 157        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 14   | 16     | 40     | 0.633     | -0.092    | 2.861 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 51.6 | 157        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 14   | 26     | 40     | 0.61      | -0.075    | 2.861 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 56.3 | 158        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 14   | 36     | 40     | 0.659     | -0.066    | 2.858 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 49.9 | 157        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 14   | 46     | 40     | 0.636     | -0.095    | 2.861 | 0.023     | 0.02      | 0         | 52.5 | 49.9 | 66.2 | 157        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 14   | 56     | 40     | 0.607     | -0.066    | 2.858 | 0.016     | 0.013     | 0         | 52.9 | 50.7 | 59.8 | 158        | 150        | 0          | 35     | 32     |
| 2009 | 6     | 6   | 15   | 6      | 40     | 0.61      | -0.092    | 2.858 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 66.7 | 157        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 15   | 16     | 40     | 0.61      | -0.098    | 2.854 | 0.02      | 0.016     | 0         | 52.5 | 50.3 | 47.7 | 158        | 150        | 0          | 36     | 33     |
| 2009 | 6     | 6   | 15   | 26     | 40     | 0.633     | -0.085    | 2.858 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 64.1 | 157        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 15   | 36     | 40     | 0.623     | -0.082    | 2.854 | 0.02      | 0.016     | 0         | 52.5 | 50.3 | 68.8 | 157        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 15   | 46     | 40     | 0.62      | -0.056    | 2.854 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 53.8 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 15   | 56     | 40     | 0.627     | -0.102    | 2.854 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 64.1 | 158        | 150        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 6   | 16   | 6      | 40     | 0.591     | -0.066    | 2.851 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 61.1 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 16   | 16     | 40     | 0.61      | -0.131    | 2.848 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 49   | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 16   | 26     | 40     | 0.63      | -0.066    | 2.844 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 51.2 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 16   | 36     | 40     | 0.587     | -0.075    | 2.844 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 51.2 | 158        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 16   | 46     | 40     | 0.607     | -0.079    | 2.844 | 0.02      | 0.016     | 0         | 52.9 | 50.3 | 50.3 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 16   | 56     | 40     | 0.61      | -0.049    | 2.841 | 0.016     | 0.016     | 0         | 52.5 | 50.3 | 52.5 | 157        | 149        | 0          | 35     | 32     |
| 2009 | 6     | 6   | 17   | 6      | 40     | 0.653     | -0.105    | 2.838 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 46.9 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 17   | 16     | 40     | 0.607     | -0.085    | 2.838 | 0.016     | 0.016     | 0         | 52.5 | 49.9 | 55.9 | 157        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 17   | 26     | 40     | 0.653     | -0.066    | 2.835 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 51.2 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 17   | 36     | 40     | 0.6       | -0.072    | 2.835 | 0.016     | 0.013     | 0         | 52.9 | 50.7 | 55.9 | 158        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 17   | 46     | 40     | 0.627     | -0.102    | 2.831 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 53.8 | 157        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 17   | 56     | 40     | 0.636     | -0.098    | 2.831 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 60.6 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 18   | 6      | 40     | 0.617     | -0.115    | 2.828 | 0.016     | 0.016     | 0         | 52   | 50.3 | 60.2 | 156        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 18   | 16     | 40     | 0.636     | -0.092    | 2.828 | 0.016     | 0.016     | 0         | 52   | 49.9 | 67.1 | 156        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 18   | 26     | 40     | 0.64      | -0.098    | 2.828 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 67.1 | 158        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 18   | 36     | 40     | 0.584     | -0.085    | 2.828 | 0.016     | 0.013     | 0         | 52.9 | 50.7 | 67.5 | 158        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 18   | 46     | 40     | 0.604     | -0.082    | 2.828 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 68.4 | 158        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 18   | 56     | 40     | 0.653     | -0.102    | 2.828 | 0.02      | 0.016     | 0         | 49.9 | 50.3 | 68.4 | 151        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 19   | 6      | 40     | 0.607     | -0.049    | 2.825 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 67.9 | 159        | 151        | 0          | 36     | 34     |
| 2009 | 6     | 6   | 19   | 16     | 40     | 0.656     | -0.079    | 2.825 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 68.4 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 19   | 26     | 40     | 0.6       | -0.072    | 2.825 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 68.8 | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 19   | 36     | 40     | 0.653     | -0.082    | 2.825 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 69.2 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 19   | 46     | 40     | 0.656     | -0.089    | 2.822 | 0.02      | 0.016     | 0         | 53.3 | 50.3 | 68.8 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 19   | 56     | 40     | 0.646     | -0.082    | 2.822 | 0.016     | 0.013     | 0         | 52.9 | 50.7 | 69.2 | 158        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 20   | 6      | 40     | 0.636     | -0.092    | 2.822 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 68.8 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 20   | 16     | 40     | 0.679     | -0.056    | 2.822 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 68.4 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 20   | 26     | 40     | 0.666     | -0.085    | 2.822 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 68.4 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 20   | 36     | 40     | 0.597     | -0.089    | 2.822 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 69.2 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 20   | 46     | 40     | 0.623     | -0.066    | 2.818 | 0.016     | 0.013     | 0         | 53.8 | 50.3 | 69.7 | 159        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 6   | 20   | 56     | 40     | 0.574     | -0.079    | 2.818 | 0.02      | 0.016     | 0         | 52.9 | 50.3 | 69.7 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 21   | 6      | 40     | 0.653     | -0.118    | 2.818 | 0.02      | 0.016     | 0         | 52.9 | 50.3 | 69.2 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 21   | 16     | 40     | 0.643     | -0.069    | 2.818 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 69.2 | 158        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 21   | 26     | 40     | 0.676     | -0.066    | 2.818 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 70.1 | 158        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 21   | 36     | 40     | 0.633     | -0.072    | 2.818 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 69.7 | 158        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 21   | 46     | 40     | 0.617     | -0.102    | 2.818 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 70.1 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 21   | 56     | 40     | 0.712     | -0.079    | 2.815 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 69.7 | 158        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 22   | 6      | 40     | 0.646     | -0.095    | 2.815 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 70.1 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 22   | 16     | 40     | 0.663     | -0.066    | 2.815 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 69.7 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 22   | 26     | 40     | 0.633     | -0.066    | 2.815 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 69.7 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 22   | 36     | 40     | 0.669     | -0.108    | 2.812 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 68.8 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 22   | 46     | 40     | 0.646     | -0.085    | 2.812 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 68.8 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 22   | 56     | 40     | 0.6       | -0.089    | 2.812 | 0.02      | 0.016     | 0         | 52.9 | 50.3 | 68.8 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 23   | 6      | 40     | 0.627     | -0.102    | 2.812 | 0.016     | 0.016     | 0         | 52.9 | 49.5 | 68.8 | 158        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 23   | 16     | 40     | 0.646     | -0.082    | 2.808 | 0.016     | 0.016     | 0         | 52   | 49.9 | 68.4 | 157        | 149        | 0          | 36     | 33     |
| 2009 | 6     | 6   | 23   | 26     | 40     | 0.636     | -0.046    | 2.808 | 0.016     | 0.016     | 0         | 52.9 | 49.5 | 67.9 | 158        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 23   | 36     | 40     | 0.663     | -0.066    | 2.808 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 67.5 | 158        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 6   | 23   | 46     | 40     | 0.656     | -0.066    | 2.808 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 67.5 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 6   | 23   | 56     | 40     | 0.623     | -0.082    | 2.805 | 0.013     | 0.01      | 0         | 52.9 | 49.9 | 67.5 | 157        | 149        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 7   | 0    | 6      | 40     | 0.633     | -0.082    | 2.805 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 66.7 | 158        | 149        | 0          | 35     | 32     |
| 2009 | 6     | 7   | 0    | 16     | 40     | 0.679     | -0.072    | 2.805 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 66.2 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 0    | 26     | 40     | 0.659     | -0.082    | 2.802 | 0.016     | 0.016     | 0         | 52.9 | 49.5 | 65.8 | 158        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 0    | 36     | 40     | 0.692     | -0.105    | 2.802 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 66.2 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 0    | 46     | 40     | 0.656     | -0.049    | 2.795 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 65.8 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 0    | 56     | 40     | 0.663     | -0.082    | 2.792 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 65.8 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 1    | 6      | 40     | 0.679     | -0.059    | 2.792 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 66.7 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 1    | 16     | 40     | 0.663     | -0.085    | 2.789 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 65.8 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 1    | 26     | 40     | 0.627     | -0.102    | 2.789 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 65.8 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 1    | 36     | 40     | 0.65      | -0.072    | 2.785 | 0.016     | 0.016     | 0         | 52.5 | 49.9 | 66.2 | 158        | 149        | 0          | 36     | 33     |
| 2009 | 6     | 7   | 1    | 46     | 40     | 0.62      | -0.115    | 2.785 | 0.016     | 0.016     | 0         | 50.7 | 50.3 | 67.5 | 153        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 1    | 56     | 40     | 0.636     | -0.075    | 2.785 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 67.1 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 2    | 6      | 40     | 0.633     | -0.066    | 2.785 | 0.016     | 0.013     | 0         | 52.9 | 49.5 | 67.5 | 158        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 2    | 16     | 40     | 0.623     | -0.079    | 2.782 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 67.9 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 2    | 26     | 40     | 0.643     | -0.075    | 2.782 | 0.02      | 0.016     | 0         | 53.3 | 50.3 | 67.9 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 2    | 36     | 40     | 0.679     | -0.043    | 2.782 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 68.4 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 2    | 46     | 40     | 0.636     | -0.075    | 2.782 | 0.016     | 0.016     | 0         | 53.3 | 49.9 | 67.9 | 159        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 2    | 56     | 40     | 0.659     | -0.066    | 2.782 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 67.5 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 3    | 6      | 40     | 0.646     | -0.125    | 2.779 | 0.023     | 0.02      | 0         | 52.9 | 50.3 | 67.9 | 159        | 150        | 0          | 36     | 33     |
| 2009 | 6     | 7   | 3    | 16     | 40     | 0.581     | -0.085    | 2.779 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 67.9 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 3    | 26     | 40     | 0.627     | -0.098    | 2.779 | 0.016     | 0.013     | 0         | 53.3 | 49.9 | 67.9 | 159        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 3    | 36     | 40     | 0.614     | -0.085    | 2.779 | 0.02      | 0.016     | 0         | 53.8 | 50.3 | 68.4 | 159        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 3    | 46     | 40     | 0.659     | -0.079    | 2.776 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 68.8 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 3    | 56     | 40     | 0.643     | -0.046    | 2.776 | 0.016     | 0.016     | 0         | 53.3 | 49.9 | 68.8 | 159        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 4    | 6      | 40     | 0.597     | -0.118    | 2.776 | 0.016     | 0.016     | 0         | 53.3 | 49.9 | 68.4 | 159        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 4    | 16     | 40     | 0.643     | -0.095    | 2.776 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 69.2 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 4    | 26     | 40     | 0.591     | -0.092    | 2.776 | 0.02      | 0.016     | 0         | 53.3 | 50.3 | 68.8 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 4    | 36     | 40     | 0.653     | -0.069    | 2.772 | 0.016     | 0.016     | 0         | 53.3 | 49.9 | 69.2 | 159        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 4    | 46     | 40     | 0.574     | -0.066    | 2.772 | 0.016     | 0.013     | 0         | 53.3 | 45.6 | 69.2 | 159        | 140        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 4    | 56     | 40     | 0.623     | -0.112    | 2.772 | 0.02      | 0.016     | 0         | 52.5 | 49.9 | 69.7 | 158        | 150        | 0          | 36     | 34     |
| 2009 | 6     | 7   | 5    | 6      | 40     | 0.696     | -0.112    | 2.772 | 0.016     | 0.013     | 0         | 53.3 | 49.9 | 69.7 | 159        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 5    | 16     | 40     | 0.617     | -0.095    | 2.772 | 0.013     | 0.01      | 0         | 52.9 | 49.5 | 69.7 | 158        | 150        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 5    | 26     | 40     | 0.597     | -0.062    | 2.769 | 0.02      | 0.016     | 0         | 53.3 | 50.3 | 69.2 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 5    | 36     | 40     | 0.594     | -0.079    | 2.769 | 0.02      | 0.016     | 0         | 53.3 | 49.5 | 69.2 | 159        | 150        | 0          | 35     | 35     |
| 2009 | 6     | 7   | 5    | 46     | 40     | 0.627     | -0.066    | 2.769 | 0.016     | 0.016     | 0         | 53.3 | 49.9 | 69.2 | 159        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 5    | 56     | 40     | 0.61      | -0.098    | 2.769 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 68.8 | 159        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 6    | 6      | 40     | 0.64      | -0.079    | 2.769 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 68.8 | 159        | 150        | 0          | 36     | 34     |
| 2009 | 6     | 7   | 6    | 16     | 40     | 0.653     | -0.075    | 2.766 | 0.016     | 0.016     | 0         | 53.3 | 49.9 | 68.4 | 159        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 6    | 26     | 40     | 0.643     | -0.066    | 2.766 | 0.016     | 0.013     | 0         | 53.3 | 49.9 | 67.9 | 159        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 6    | 36     | 40     | 0.607     | -0.082    | 2.766 | 0.016     | 0.013     | 0         | 53.3 | 49.9 | 67.9 | 159        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 6    | 46     | 40     | 0.653     | -0.125    | 2.762 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 67.9 | 158        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 6    | 56     | 40     | 0.643     | -0.079    | 2.762 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 65.8 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 7    | 6      | 40     | 0.663     | -0.079    | 2.762 | 0.016     | 0.013     | 0         | 53.8 | 49.9 | 66.7 | 159        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 7   | 7    | 16     | 40     | 0.64      | -0.092    | 2.759 | 0.02      | 0.016     | 0         | 53.3 | 49.9 | 66.2 | 159        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 7    | 26     | 40     | 0.669     | -0.128    | 2.759 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 66.2 | 158        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 7    | 36     | 40     | 0.591     | -0.092    | 2.756 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 65.4 | 159        | 150        | 0          | 35     | 32     |
| 2009 | 6     | 7   | 7    | 46     | 40     | 0.682     | -0.066    | 2.753 | 0.016     | 0.016     | 0         | 52.5 | 49.9 | 65.4 | 158        | 150        | 0          | 36     | 34     |
| 2009 | 6     | 7   | 7    | 56     | 40     | 0.6       | -0.066    | 2.749 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 65.4 | 158        | 149        | 0          | 35     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 7   | 8    | 6      | 40     | 0.604     | -0.069    | 2.746 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 64.9 | 158        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 8    | 16     | 40     | 0.643     | -0.082    | 2.746 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 64.9 | 158        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 8    | 26     | 40     | 0.63      | -0.079    | 2.743 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 66.2 | 158        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 8    | 36     | 40     | 0.61      | -0.066    | 2.743 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 62.4 | 158        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 8    | 46     | 40     | 0.653     | -0.02     | 2.743 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 64.1 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 8    | 56     | 40     | 0.574     | -0.102    | 2.743 | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 67.1 | 158        | 150        | 0          | 36     | 33     |
| 2009 | 6     | 7   | 9    | 6      | 40     | 0.571     | -0.069    | 2.74  | 0.016     | 0.013     | 0         | 53.3 | 49.9 | 67.1 | 159        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 9    | 16     | 40     | 0.653     | -0.075    | 2.74  | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 68.4 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 9    | 26     | 40     | 0.548     | -0.075    | 2.74  | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 67.9 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 9    | 36     | 40     | 0.61      | -0.095    | 2.74  | 0.016     | 0.013     | 0         | 52.5 | 50.3 | 67.9 | 158        | 150        | 0          | 36     | 33     |
| 2009 | 6     | 7   | 9    | 46     | 40     | 0.551     | -0.062    | 2.736 | 0.016     | 0.013     | 0         | 53.8 | 50.3 | 68.4 | 160        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 9    | 56     | 40     | 0.597     | -0.098    | 2.736 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 69.7 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 10   | 6      | 40     | 0.636     | -0.066    | 2.736 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 68.8 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 10   | 16     | 40     | 0.636     | -0.075    | 2.736 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 68.4 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 10   | 26     | 40     | 0.607     | -0.098    | 2.736 | 0.02      | 0.016     | 0         | 53.3 | 50.3 | 68.8 | 160        | 151        | 0          | 36     | 34     |
| 2009 | 6     | 7   | 10   | 36     | 40     | 0.62      | -0.069    | 2.736 | 0.02      | 0.016     | 0         | 53.3 | 50.3 | 69.2 | 159        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 10   | 46     | 40     | 0.6       | -0.062    | 2.736 | 0.016     | 0.016     | 0         | 53.3 | 51.2 | 69.2 | 160        | 152        | 0          | 36     | 33     |
| 2009 | 6     | 7   | 10   | 56     | 40     | 0.561     | -0.069    | 2.736 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 69.7 | 160        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 11   | 6      | 40     | 0.617     | -0.062    | 2.736 | 0.016     | 0.016     | 0         | 53.8 | 50.3 | 69.7 | 160        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 11   | 16     | 40     | 0.62      | -0.085    | 2.733 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 68.8 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 11   | 26     | 40     | 0.614     | -0.098    | 2.733 | 0.016     | 0.016     | 0         | 53.8 | 51.6 | 68.4 | 160        | 152        | 0          | 35     | 32     |
| 2009 | 6     | 7   | 11   | 36     | 40     | 0.591     | -0.079    | 2.733 | 0.016     | 0.016     | 0         | 53.8 | 50.3 | 67.5 | 160        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 11   | 46     | 40     | 0.594     | -0.085    | 2.73  | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 64.5 | 160        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 11   | 56     | 40     | 0.614     | -0.098    | 2.73  | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 67.1 | 160        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 12   | 6      | 40     | 0.64      | -0.115    | 2.73  | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 66.2 | 160        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 12   | 16     | 40     | 0.614     | -0.085    | 2.73  | 0.02      | 0.016     | 0         | 53.3 | 50.7 | 65.8 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 12   | 26     | 40     | 0.597     | -0.079    | 2.723 | 0.02      | 0.016     | 0         | 52.9 | 50.3 | 64.5 | 159        | 151        | 0          | 36     | 34     |
| 2009 | 6     | 7   | 12   | 36     | 40     | 0.61      | -0.069    | 2.723 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 65.4 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 12   | 46     | 40     | 0.597     | -0.082    | 2.717 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 52.9 | 159        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 12   | 56     | 40     | 0.584     | -0.095    | 2.713 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 53.3 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 13   | 6      | 40     | 0.597     | -0.066    | 2.713 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 57.2 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 13   | 16     | 40     | 0.633     | -0.092    | 2.713 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 64.1 | 159        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 13   | 26     | 40     | 0.594     | -0.085    | 2.713 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 61.1 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 13   | 36     | 40     | 0.614     | -0.105    | 2.71  | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 59.3 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 13   | 46     | 40     | 0.61      | -0.082    | 2.71  | 0.02      | 0.016     | 0         | 53.8 | 50.7 | 60.2 | 159        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 13   | 56     | 40     | 0.604     | -0.079    | 2.71  | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 67.5 | 159        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 14   | 6      | 40     | 0.61      | -0.075    | 2.71  | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 66.7 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 14   | 16     | 40     | 0.604     | -0.118    | 2.71  | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 68.4 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 14   | 26     | 40     | 0.568     | -0.125    | 2.71  | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 68.4 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 14   | 36     | 40     | 0.591     | -0.062    | 2.71  | 0.02      | 0.016     | 0         | 53.3 | 50.7 | 67.5 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 14   | 46     | 40     | 0.554     | -0.062    | 2.707 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 52   | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 14   | 56     | 40     | 0.63      | -0.056    | 2.707 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 67.1 | 159        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 15   | 6      | 40     | 0.663     | -0.066    | 2.707 | 0.02      | 0.016     | 0         | 53.8 | 50.7 | 69.7 | 159        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 15   | 16     | 40     | 0.577     | -0.082    | 2.707 | 0.02      | 0.016     | 0         | 53.3 | 50.7 | 50.3 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 15   | 26     | 40     | 0.656     | -0.095    | 2.707 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 55.9 | 159        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 15   | 36     | 40     | 0.6       | -0.059    | 2.703 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 54.6 | 159        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 15   | 46     | 40     | 0.597     | -0.079    | 2.703 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 59.3 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 15   | 56     | 40     | 0.591     | -0.075    | 2.703 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 58.5 | 159        | 151        | 0          | 35     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 7   | 16   | 6      | 40     | 0.591     | -0.069    | 2.703 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 62.4 | 159        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 16   | 16     | 40     | 0.591     | -0.072    | 2.703 | 0.02      | 0.016     | 0         | 53.3 | 49.9 | 55.9 | 159        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 16   | 26     | 40     | 0.607     | -0.098    | 2.7   | 0.02      | 0.016     | 0         | 53.3 | 50.3 | 65.4 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 16   | 36     | 40     | 0.587     | -0.082    | 2.7   | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 64.5 | 158        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 16   | 46     | 40     | 0.584     | -0.135    | 2.7   | 0.02      | 0.016     | 0         | 53.3 | 50.3 | 59.8 | 158        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 16   | 56     | 40     | 0.62      | -0.089    | 2.697 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 55.5 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 17   | 6      | 40     | 0.574     | -0.092    | 2.697 | 0.016     | 0.013     | 0         | 52.9 | 50.7 | 60.2 | 158        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 17   | 16     | 40     | 0.591     | -0.069    | 2.694 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 56.3 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 17   | 26     | 40     | 0.577     | -0.066    | 2.694 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 54.2 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 17   | 36     | 40     | 0.577     | -0.098    | 2.69  | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 49.5 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 17   | 46     | 40     | 0.584     | -0.092    | 2.687 | 0.016     | 0.013     | 0         | 52.9 | 50.7 | 52   | 158        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 17   | 56     | 40     | 0.61      | -0.066    | 2.69  | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 65.4 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 18   | 6      | 40     | 0.591     | -0.095    | 2.687 | 0.02      | 0.016     | 0         | 53.3 | 50.3 | 61.5 | 158        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 18   | 16     | 40     | 0.623     | -0.128    | 2.684 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 52   | 158        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 18   | 26     | 40     | 0.604     | -0.079    | 2.684 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 48.6 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 18   | 36     | 40     | 0.564     | -0.046    | 2.68  | 0.02      | 0.016     | 0         | 52.9 | 50.3 | 60.2 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 18   | 46     | 40     | 0.614     | -0.062    | 2.68  | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 53.8 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 18   | 56     | 40     | 0.591     | -0.095    | 2.68  | 0.02      | 0.016     | 0         | 53.3 | 50.3 | 58.5 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 19   | 6      | 40     | 0.604     | -0.049    | 2.677 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 60.2 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 19   | 16     | 40     | 0.623     | -0.098    | 2.677 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 65.8 | 158        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 19   | 26     | 40     | 0.568     | -0.092    | 2.677 | 0.02      | 0.016     | 0         | 52.9 | 50.3 | 67.1 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 19   | 36     | 40     | 0.604     | -0.056    | 2.677 | 0.02      | 0.016     | 0         | 52.9 | 49.9 | 66.7 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 19   | 46     | 40     | 0.604     | -0.082    | 2.677 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 67.9 | 158        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 19   | 56     | 40     | 0.591     | -0.082    | 2.674 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 67.9 | 158        | 150        | 0          | 34     | 32     |
| 2009 | 6     | 7   | 20   | 6      | 40     | 0.597     | -0.062    | 2.674 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 67.1 | 158        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 20   | 16     | 40     | 0.594     | -0.059    | 2.674 | 0.02      | 0.016     | 0         | 53.3 | 49.9 | 67.5 | 158        | 149        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 20   | 26     | 40     | 0.581     | -0.082    | 2.674 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 67.9 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 20   | 36     | 40     | 0.587     | -0.079    | 2.671 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 66.7 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 20   | 46     | 40     | 0.591     | -0.098    | 2.671 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 68.4 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 20   | 56     | 40     | 0.594     | -0.069    | 2.671 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 67.9 | 158        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 21   | 6      | 40     | 0.584     | -0.026    | 2.671 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 67.5 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 21   | 16     | 40     | 0.594     | -0.092    | 2.671 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 67.9 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 21   | 26     | 40     | 0.558     | -0.085    | 2.667 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 66.2 | 158        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 21   | 36     | 40     | 0.584     | -0.072    | 2.667 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 68.4 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 21   | 46     | 40     | 0.574     | -0.105    | 2.667 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 67.5 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 21   | 56     | 40     | 0.554     | -0.098    | 2.667 | 0.013     | 0.01      | 0         | 53.3 | 50.3 | 68.4 | 158        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 7   | 22   | 6      | 40     | 0.61      | -0.052    | 2.667 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 68.4 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 22   | 16     | 40     | 0.581     | -0.138    | 2.667 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 68.8 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 22   | 26     | 40     | 0.584     | -0.066    | 2.667 | 0.02      | 0.016     | 0         | 52.9 | 49.9 | 69.2 | 158        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 22   | 36     | 40     | 0.633     | -0.082    | 2.667 | 0.02      | 0.016     | 0         | 53.3 | 50.7 | 68.4 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 22   | 46     | 40     | 0.571     | -0.098    | 2.664 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 69.2 | 158        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 7   | 22   | 56     | 40     | 0.6       | -0.098    | 2.664 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 68.8 | 157        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 23   | 6      | 40     | 0.6       | -0.059    | 2.664 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 69.7 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 23   | 16     | 40     | 0.623     | -0.089    | 2.664 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 69.2 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 23   | 26     | 40     | 0.627     | -0.085    | 2.664 | 0.016     | 0.016     | 0         | 52.5 | 49.9 | 70.1 | 157        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 23   | 36     | 40     | 0.604     | -0.085    | 2.664 | 0.016     | 0.016     | 0         | 52.5 | 49.9 | 69.7 | 157        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 23   | 46     | 40     | 0.597     | -0.128    | 2.664 | 0.02      | 0.016     | 0         | 52.9 | 49.9 | 69.7 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 7   | 23   | 56     | 40     | 0.61      | -0.066    | 2.661 | 0.016     | 0.013     | 0         | 52.9 | 49.5 | 68.8 | 158        | 149        | 0          | 35     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 8   | 0    | 6      | 40     | 0.551     | -0.046    | 2.661 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 68.8 | 158        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 0    | 16     | 40     | 0.581     | -0.095    | 2.661 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 69.7 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 0    | 26     | 40     | 0.62      | -0.102    | 2.661 | 0.016     | 0.013     | 0         | 52.9 | 50.3 | 69.7 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 0    | 36     | 40     | 0.604     | -0.046    | 2.661 | 0.016     | 0.016     | 0         | 53.3 | 49.9 | 69.2 | 158        | 150        | 0          | 34     | 34     |
| 2009 | 6     | 8   | 0    | 46     | 40     | 0.643     | -0.092    | 2.661 | 0.016     | 0.013     | 0         | 52.9 | 49.5 | 69.7 | 158        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 0    | 56     | 40     | 0.577     | -0.092    | 2.661 | 0.016     | 0.013     | 0         | 52.5 | 49.9 | 69.7 | 157        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 1    | 6      | 40     | 0.581     | -0.082    | 2.661 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 69.7 | 158        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 1    | 16     | 40     | 0.584     | -0.079    | 2.657 | 0.016     | 0.013     | 0         | 52.9 | 49.5 | 69.2 | 158        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 1    | 26     | 40     | 0.574     | -0.056    | 2.657 | 0.023     | 0.02      | 0         | 52.5 | 49.5 | 69.7 | 157        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 1    | 36     | 40     | 0.535     | -0.072    | 2.657 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 70.1 | 158        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 1    | 46     | 40     | 0.568     | -0.089    | 2.657 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 68.8 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 1    | 56     | 40     | 0.584     | -0.089    | 2.657 | 0.02      | 0.016     | 0         | 52.9 | 49.9 | 69.7 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 2    | 6      | 40     | 0.614     | -0.075    | 2.657 | 0.016     | 0.016     | 0         | 52.5 | 49.9 | 69.2 | 157        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 2    | 16     | 40     | 0.656     | -0.098    | 2.657 | 0.02      | 0.016     | 0         | 52.9 | 49.9 | 69.2 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 2    | 26     | 40     | 0.558     | -0.089    | 2.654 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 68.8 | 158        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 2    | 36     | 40     | 0.554     | -0.066    | 2.654 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 68.8 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 2    | 46     | 40     | 0.604     | -0.092    | 2.654 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 67.9 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 2    | 56     | 40     | 0.617     | -0.072    | 2.654 | 0.016     | 0.013     | 0         | 52.9 | 49.5 | 68.4 | 158        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 3    | 6      | 40     | 0.558     | -0.105    | 2.654 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 67.9 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 3    | 16     | 40     | 0.587     | -0.102    | 2.651 | 0.016     | 0.016     | 0         | 52.9 | 49.5 | 67.9 | 158        | 150        | 0          | 35     | 35     |
| 2009 | 6     | 8   | 3    | 26     | 40     | 0.577     | -0.102    | 2.651 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 67.9 | 158        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 3    | 36     | 40     | 0.594     | -0.075    | 2.651 | 0.016     | 0.016     | 0         | 52.5 | 49.9 | 67.9 | 157        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 3    | 46     | 40     | 0.614     | -0.052    | 2.651 | 0.016     | 0.016     | 0         | 52.9 | 49.5 | 67.1 | 158        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 3    | 56     | 40     | 0.607     | -0.072    | 2.648 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 66.7 | 158        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 4    | 6      | 40     | 0.594     | -0.082    | 2.648 | 0.016     | 0.016     | 0         | 52.9 | 50.3 | 66.7 | 158        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 4    | 16     | 40     | 0.577     | -0.082    | 2.648 | 0.02      | 0.016     | 0         | 52.9 | 49.5 | 66.2 | 158        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 4    | 26     | 40     | 0.554     | -0.066    | 2.648 | 0.016     | 0.016     | 0         | 52.9 | 49.9 | 66.2 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 4    | 36     | 40     | 0.561     | -0.095    | 2.648 | 0.02      | 0.016     | 0         | 52.9 | 49.5 | 66.7 | 158        | 149        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 4    | 46     | 40     | 0.574     | -0.102    | 2.644 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 65.4 | 158        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 4    | 56     | 40     | 0.604     | -0.082    | 2.644 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 65.8 | 158        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 5    | 6      | 40     | 0.558     | -0.082    | 2.641 | 0.016     | 0.016     | 0         | 53.3 | 49.9 | 66.2 | 159        | 150        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 5    | 16     | 40     | 0.646     | -0.095    | 2.638 | 0.016     | 0.013     | 0         | 52.9 | 49.9 | 65.4 | 159        | 150        | 0          | 36     | 34     |
| 2009 | 6     | 8   | 5    | 26     | 40     | 0.548     | -0.102    | 2.638 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 65.8 | 159        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 5    | 36     | 40     | 0.558     | -0.108    | 2.635 | 0.02      | 0.016     | 0         | 53.3 | 50.7 | 65.4 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 5    | 46     | 40     | 0.584     | -0.072    | 2.635 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 65.8 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 5    | 56     | 40     | 0.571     | -0.075    | 2.631 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 65.4 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 6    | 6      | 40     | 0.597     | -0.085    | 2.631 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 65.4 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 6    | 16     | 40     | 0.61      | -0.056    | 2.631 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 66.2 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 6    | 26     | 40     | 0.594     | -0.066    | 2.628 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 66.7 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 6    | 36     | 40     | 0.64      | -0.095    | 2.628 | 0.02      | 0.016     | 0         | 52.9 | 50.7 | 66.7 | 159        | 151        | 0          | 36     | 33     |
| 2009 | 6     | 8   | 6    | 46     | 40     | 0.535     | -0.049    | 2.628 | 0.016     | 0.013     | 0         | 53.3 | 49.9 | 66.7 | 160        | 150        | 0          | 36     | 34     |
| 2009 | 6     | 8   | 6    | 56     | 40     | 0.568     | -0.056    | 2.628 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 66.7 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 7    | 6      | 40     | 0.627     | -0.121    | 2.628 | 0.02      | 0.016     | 0         | 53.3 | 50.3 | 67.1 | 159        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 7    | 16     | 40     | 0.551     | -0.079    | 2.625 | 0.016     | 0.013     | 0         | 53.8 | 50.3 | 67.1 | 160        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 7    | 26     | 40     | 0.492     | -0.066    | 2.625 | 0.02      | 0.016     | 0         | 53.8 | 50.3 | 66.7 | 160        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 7    | 36     | 40     | 0.561     | -0.049    | 2.625 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 67.9 | 160        | 151        | 0          | 36     | 34     |
| 2009 | 6     | 8   | 7    | 46     | 40     | 0.545     | -0.066    | 2.625 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 67.1 | 159        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 7    | 56     | 40     | 0.591     | -0.112    | 2.625 | 0.02      | 0.016     | 0         | 53.8 | 50.3 | 67.9 | 160        | 151        | 0          | 35     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 8   | 8    | 6      | 40     | 0.551     | -0.079    | 2.625 | 0.016     | 0.016     | 0         | 53.3 | 50.3 | 67.9 | 159        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 8    | 16     | 40     | 0.561     | -0.095    | 2.621 | 0.02      | 0.016     | 0         | 53.3 | 50.3 | 68.4 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 8    | 26     | 40     | 0.518     | -0.105    | 2.621 | 0.02      | 0.016     | 0         | 53.3 | 50.3 | 67.9 | 159        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 8    | 36     | 40     | 0.581     | -0.075    | 2.621 | 0.02      | 0.016     | 0         | 53.3 | 50.7 | 68.4 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 8    | 46     | 40     | 0.531     | -0.085    | 2.621 | 0.016     | 0.013     | 0         | 53.3 | 50.3 | 68.8 | 159        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 8    | 56     | 40     | 0.551     | -0.056    | 2.621 | 0.016     | 0.016     | 0         | 53.8 | 50.3 | 69.2 | 160        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 9    | 6      | 40     | 0.509     | -0.098    | 2.621 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 68.4 | 160        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 9    | 16     | 40     | 0.554     | -0.118    | 2.621 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 69.2 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 9    | 26     | 40     | 0.561     | -0.075    | 2.621 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 68.4 | 160        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 9    | 36     | 40     | 0.554     | -0.092    | 2.621 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 69.7 | 160        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 9    | 46     | 40     | 0.571     | -0.075    | 2.618 | 0.02      | 0.016     | 0         | 53.8 | 50.3 | 68.4 | 160        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 9    | 56     | 40     | 0.577     | -0.148    | 2.618 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 67.9 | 160        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 10   | 6      | 40     | 0.591     | -0.089    | 2.618 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 69.2 | 160        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 10   | 16     | 40     | 0.525     | -0.121    | 2.618 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 67.9 | 160        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 10   | 26     | 40     | 0.571     | -0.049    | 2.618 | 0.02      | 0.016     | 0         | 53.8 | 50.7 | 63.6 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 10   | 36     | 40     | 0.564     | -0.072    | 2.615 | 0.02      | 0.016     | 0         | 53.8 | 49.9 | 67.5 | 160        | 152        | 0          | 35     | 36     |
| 2009 | 6     | 8   | 10   | 46     | 40     | 0.594     | -0.102    | 2.612 | 0.023     | 0.02      | 0         | 53.3 | 51.2 | 55.5 | 160        | 152        | 0          | 36     | 33     |
| 2009 | 6     | 8   | 10   | 56     | 40     | 0.531     | -0.066    | 2.615 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 58.5 | 160        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 11   | 6      | 40     | 0.591     | -0.115    | 2.615 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 64.5 | 160        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 11   | 16     | 40     | 0.548     | -0.049    | 2.608 | 0.016     | 0.016     | 0         | 53.3 | 51.2 | 55.5 | 160        | 152        | 0          | 36     | 33     |
| 2009 | 6     | 8   | 11   | 26     | 40     | 0.545     | -0.102    | 2.605 | 0.016     | 0.016     | 0         | 53.8 | 50.3 | 51.2 | 160        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 11   | 36     | 40     | 0.584     | -0.092    | 2.608 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 62.4 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 11   | 46     | 40     | 0.587     | -0.075    | 2.602 | 0.016     | 0.013     | 0         | 53.8 | 50.3 | 54.6 | 160        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 11   | 56     | 40     | 0.531     | -0.072    | 2.598 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 57.6 | 159        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 12   | 6      | 40     | 0.558     | -0.095    | 2.598 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 61.5 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 12   | 16     | 40     | 0.581     | -0.079    | 2.595 | 0.02      | 0.016     | 0         | 53.8 | 51.2 | 53.3 | 160        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 12   | 26     | 40     | 0.538     | -0.082    | 2.598 | 0.016     | 0.016     | 0         | 53.8 | 50.3 | 51.2 | 160        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 12   | 36     | 40     | 0.581     | -0.082    | 2.595 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 58.5 | 160        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 12   | 46     | 40     | 0.545     | -0.092    | 2.595 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 51.6 | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 12   | 56     | 40     | 0.568     | -0.082    | 2.595 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 52.9 | 160        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 13   | 6      | 40     | 0.587     | -0.056    | 2.595 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 60.6 | 160        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 13   | 16     | 40     | 0.62      | -0.066    | 2.595 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 48.2 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 13   | 26     | 40     | 0.633     | -0.102    | 2.595 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 63.6 | 161        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 13   | 36     | 40     | 0.545     | -0.075    | 2.592 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 56.8 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 13   | 46     | 40     | 0.515     | -0.062    | 2.592 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 51.2 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 13   | 56     | 40     | 0.561     | -0.049    | 2.592 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 49.5 | 161        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 14   | 6      | 40     | 0.535     | -0.102    | 2.592 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 56.3 | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 14   | 16     | 40     | 0.531     | -0.056    | 2.592 | 0.02      | 0.016     | 0         | 54.2 | 51.6 | 48.6 | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 14   | 26     | 40     | 0.531     | -0.102    | 2.592 | 0.016     | 0.016     | 0         | 53.8 | 51.6 | 49   | 160        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 14   | 36     | 40     | 0.574     | -0.062    | 2.589 | 0.016     | 0.016     | 0         | 54.6 | 51.2 | 49.9 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 14   | 46     | 40     | 0.558     | -0.075    | 2.592 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 52   | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 14   | 56     | 40     | 0.554     | -0.062    | 2.589 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 48.6 | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 15   | 6      | 40     | 0.512     | -0.075    | 2.589 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 51.2 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 15   | 16     | 40     | 0.564     | -0.089    | 2.585 | 0.02      | 0.016     | 0         | 53.8 | 51.2 | 51.2 | 160        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 15   | 26     | 40     | 0.528     | -0.075    | 2.585 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 49   | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 15   | 36     | 40     | 0.554     | -0.079    | 2.585 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 55.9 | 160        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 15   | 46     | 40     | 0.486     | -0.085    | 2.585 | 0.02      | 0.016     | 0         | 54.2 | 51.6 | 49.9 | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 15   | 56     | 40     | 0.554     | -0.089    | 2.585 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 46.4 | 161        | 153        | 0          | 34     | 33     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 8   | 16   | 6      | 40     | 0.518     | -0.049    | 2.585 | 0.02      | 0.016     | 0         | 54.2 | 51.6 | 47.7 | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 16   | 16     | 40     | 0.538     | -0.033    | 2.582 | 0.02      | 0.016     | 0         | 54.2 | 51.6 | 48.6 | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 16   | 26     | 40     | 0.568     | -0.082    | 2.579 | 0.02      | 0.016     | 0         | 54.2 | 51.6 | 55   | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 16   | 36     | 40     | 0.512     | -0.066    | 2.579 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 49   | 161        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 16   | 46     | 40     | 0.545     | -0.089    | 2.575 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 49.9 | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 16   | 56     | 40     | 0.512     | -0.082    | 2.579 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 48.2 | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 17   | 6      | 40     | 0.568     | -0.092    | 2.575 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 46   | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 17   | 16     | 40     | 0.522     | -0.079    | 2.572 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 46   | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 17   | 26     | 40     | 0.561     | -0.075    | 2.572 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 46.4 | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 17   | 36     | 40     | 0.574     | -0.049    | 2.569 | 0.02      | 0.016     | 0         | 54.6 | 51.6 | 52   | 161        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 17   | 46     | 40     | 0.538     | -0.056    | 2.569 | 0.016     | 0.016     | 0         | 54.6 | 51.2 | 47.7 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 17   | 56     | 40     | 0.581     | -0.049    | 2.569 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 50.3 | 160        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 18   | 6      | 40     | 0.525     | -0.056    | 2.566 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 49.5 | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 18   | 16     | 40     | 0.62      | -0.072    | 2.569 | 0.02      | 0.016     | 0         | 54.2 | 51.6 | 48.6 | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 18   | 26     | 40     | 0.587     | -0.072    | 2.569 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 49.9 | 160        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 18   | 36     | 40     | 0.486     | -0.085    | 2.566 | 0.016     | 0.016     | 0         | 54.6 | 51.2 | 49   | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 18   | 46     | 40     | 0.591     | -0.082    | 2.566 | 0.02      | 0.016     | 0         | 54.6 | 51.2 | 49.5 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 18   | 56     | 40     | 0.525     | -0.072    | 2.566 | 0.016     | 0.016     | 0         | 53.8 | 51.6 | 47.3 | 160        | 152        | 0          | 35     | 32     |
| 2009 | 6     | 8   | 19   | 6      | 40     | 0.564     | -0.095    | 2.566 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 49   | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 19   | 16     | 40     | 0.591     | -0.102    | 2.562 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 59.3 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 19   | 26     | 40     | 0.561     | -0.085    | 2.566 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 48.2 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 19   | 36     | 40     | 0.61      | -0.098    | 2.562 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 48.6 | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 19   | 46     | 40     | 0.554     | -0.089    | 2.559 | 0.02      | 0.016     | 0         | 54.2 | 51.6 | 55.9 | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 19   | 56     | 40     | 0.554     | -0.046    | 2.559 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 56.3 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 20   | 6      | 40     | 0.545     | -0.066    | 2.559 | 0.02      | 0.016     | 0         | 53.8 | 51.2 | 58   | 160        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 20   | 16     | 40     | 0.535     | -0.075    | 2.559 | 0.016     | 0.013     | 0         | 54.6 | 52   | 62.8 | 161        | 153        | 0          | 34     | 32     |
| 2009 | 6     | 8   | 20   | 26     | 40     | 0.561     | -0.069    | 2.559 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 65.8 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 20   | 36     | 40     | 0.492     | -0.062    | 2.559 | 0.02      | 0.016     | 0         | 50.3 | 51.2 | 67.5 | 152        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 20   | 46     | 40     | 0.558     | -0.075    | 2.559 | 0.02      | 0.016     | 0         | 54.6 | 51.6 | 66.7 | 161        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 20   | 56     | 40     | 0.587     | -0.049    | 2.559 | 0.016     | 0.016     | 0         | 54.2 | 50.3 | 67.1 | 161        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 21   | 6      | 40     | 0.558     | -0.049    | 2.559 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 66.7 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 21   | 16     | 40     | 0.574     | -0.085    | 2.556 | 0.016     | 0.016     | 0         | 54.2 | 50.7 | 61.1 | 161        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 21   | 26     | 40     | 0.558     | -0.085    | 2.556 | 0.016     | 0.016     | 0         | 54.6 | 51.2 | 61.1 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 21   | 36     | 40     | 0.499     | -0.105    | 2.556 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 67.9 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 21   | 46     | 40     | 0.453     | -0.075    | 2.556 | 0.016     | 0.016     | 0         | 55   | 51.6 | 61.1 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 21   | 56     | 40     | 0.535     | -0.059    | 2.556 | 0.02      | 0.016     | 0         | 53.8 | 51.2 | 67.1 | 160        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 22   | 6      | 40     | 0.463     | -0.118    | 2.556 | 0.02      | 0.016     | 0         | 44.3 | 51.6 | 68.4 | 137        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 8   | 22   | 16     | 40     | 0.541     | -0.085    | 2.552 | 0.016     | 0.016     | 0         | 54.6 | 51.2 | 68.4 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 8   | 22   | 26     | 40     | 0.568     | -0.066    | 2.552 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 68.4 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 22   | 36     | 40     | 0.522     | -0.033    | 2.552 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 68.4 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 22   | 46     | 40     | 0.525     | -0.089    | 2.552 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 68.4 | 161        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 8   | 22   | 56     | 40     | 0.551     | -0.052    | 2.552 | 0.02      | 0.016     | 0         | 53.8 | 51.2 | 67.9 | 160        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 23   | 6      | 40     | 0.499     | -0.118    | 2.552 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 68.8 | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 8   | 23   | 16     | 40     | 0.541     | -0.085    | 2.549 | 0.02      | 0.016     | 0         | 53.8 | 50.7 | 68.8 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 23   | 26     | 40     | 0.554     | -0.072    | 2.549 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 68.8 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 23   | 36     | 40     | 0.545     | -0.102    | 2.549 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 69.2 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 23   | 46     | 40     | 0.574     | -0.079    | 2.549 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 69.2 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 8   | 23   | 56     | 40     | 0.538     | -0.092    | 2.546 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 69.2 | 160        | 151        | 0          | 35     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 9   | 0    | 6      | 40     | 0.518     | -0.112    | 2.546 | 0.02      | 0.016     | 0         | 53.3 | 50.3 | 68.4 | 159        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 0    | 16     | 40     | 0.568     | -0.066    | 2.543 | 0.016     | 0.013     | 0         | 53.3 | 50.7 | 68.4 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 0    | 26     | 40     | 0.528     | -0.102    | 2.543 | 0.016     | 0.016     | 0         | 53.8 | 50.3 | 67.9 | 160        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 0    | 36     | 40     | 0.528     | -0.108    | 2.539 | 0.016     | 0.013     | 0         | 54.2 | 50.7 | 67.9 | 161        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 0    | 46     | 40     | 0.528     | -0.075    | 2.539 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 65.8 | 161        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 0    | 56     | 40     | 0.535     | -0.066    | 2.536 | 0.02      | 0.016     | 0         | 53.8 | 50.7 | 66.7 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 1    | 6      | 40     | 0.6       | -0.105    | 2.533 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 64.9 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 1    | 16     | 40     | 0.568     | -0.082    | 2.526 | 0.02      | 0.016     | 0         | 53.8 | 50.7 | 65.4 | 161        | 152        | 0          | 36     | 34     |
| 2009 | 6     | 9   | 1    | 26     | 40     | 0.535     | -0.052    | 2.523 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 65.8 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 1    | 36     | 40     | 0.545     | -0.108    | 2.52  | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 66.7 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 1    | 46     | 40     | 0.538     | -0.046    | 2.52  | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 66.7 | 161        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 1    | 56     | 40     | 0.571     | -0.075    | 2.516 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 67.1 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 2    | 6      | 40     | 0.528     | -0.082    | 2.516 | 0.02      | 0.016     | 0         | 53.8 | 50.7 | 67.5 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 2    | 16     | 40     | 0.505     | -0.102    | 2.513 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 68.4 | 161        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 2    | 26     | 40     | 0.479     | -0.075    | 2.513 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 68.4 | 161        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 2    | 36     | 40     | 0.509     | -0.079    | 2.51  | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 69.2 | 161        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 2    | 46     | 40     | 0.528     | -0.085    | 2.51  | 0.02      | 0.016     | 0         | 53.8 | 51.2 | 68.8 | 160        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 2    | 56     | 40     | 0.535     | -0.089    | 2.507 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 69.2 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 3    | 6      | 40     | 0.459     | -0.072    | 2.507 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 69.2 | 160        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 3    | 16     | 40     | 0.518     | -0.089    | 2.503 | 0.016     | 0.016     | 0         | 54.2 | 50.7 | 68.8 | 161        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 3    | 26     | 40     | 0.505     | -0.098    | 2.503 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 68.4 | 161        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 3    | 36     | 40     | 0.584     | -0.089    | 2.5   | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 67.5 | 161        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 3    | 46     | 40     | 0.472     | -0.102    | 2.497 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 66.7 | 161        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 3    | 56     | 40     | 0.499     | -0.102    | 2.493 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 65.8 | 161        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 4    | 6      | 40     | 0.541     | -0.056    | 2.487 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 64.9 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 4    | 16     | 40     | 0.528     | -0.102    | 2.48  | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 65.4 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 4    | 26     | 40     | 0.571     | -0.075    | 2.477 | 0.02      | 0.016     | 0         | 53.8 | 50.3 | 66.2 | 160        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 4    | 36     | 40     | 0.574     | -0.079    | 2.474 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 67.1 | 160        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 4    | 46     | 40     | 0.568     | -0.105    | 2.474 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 67.5 | 161        | 152        | 0          | 36     | 33     |
| 2009 | 6     | 9   | 4    | 56     | 40     | 0.518     | -0.082    | 2.47  | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 67.9 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 5    | 6      | 40     | 0.531     | -0.066    | 2.47  | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 67.9 | 161        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 5    | 16     | 40     | 0.499     | -0.069    | 2.467 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 68.8 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 5    | 26     | 40     | 0.518     | -0.105    | 2.467 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 68.8 | 160        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 5    | 36     | 40     | 0.436     | -0.062    | 2.464 | 0.02      | 0.016     | 0         | 53.8 | 50.7 | 68.4 | 161        | 152        | 0          | 36     | 34     |
| 2009 | 6     | 9   | 5    | 46     | 40     | 0.479     | -0.03     | 2.464 | 0.016     | 0.016     | 0         | 54.6 | 50.7 | 68.8 | 162        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 5    | 56     | 40     | 0.466     | -0.069    | 2.461 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 67.1 | 161        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 6    | 6      | 40     | 0.509     | -0.079    | 2.457 | 0.016     | 0.016     | 0         | 54.2 | 50.7 | 66.7 | 161        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 6    | 16     | 40     | 0.502     | -0.098    | 2.457 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 65.8 | 161        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 6    | 26     | 40     | 0.528     | -0.075    | 2.451 | 0.016     | 0.016     | 0         | 54.2 | 50.7 | 64.5 | 161        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 6    | 36     | 40     | 0.489     | -0.098    | 2.444 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 64.9 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 6    | 46     | 40     | 0.525     | -0.105    | 2.438 | 0.016     | 0.016     | 0         | 54.2 | 50.7 | 65.4 | 161        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 6    | 56     | 40     | 0.541     | -0.079    | 2.438 | 0.016     | 0.016     | 0         | 54.2 | 50.3 | 66.2 | 161        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 7    | 6      | 40     | 0.459     | -0.066    | 2.434 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 67.1 | 161        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 7    | 16     | 40     | 0.476     | -0.089    | 2.431 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 67.9 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 7    | 26     | 40     | 0.489     | -0.085    | 2.431 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 67.5 | 160        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 7    | 36     | 40     | 0.495     | -0.072    | 2.428 | 0.016     | 0.016     | 0         | 54.2 | 50.7 | 68.4 | 161        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 7    | 46     | 40     | 0.42      | -0.089    | 2.428 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 67.9 | 161        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 7    | 56     | 40     | 0.545     | -0.039    | 2.428 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 68.4 | 161        | 152        | 0          | 35     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 9   | 8    | 6      | 40     | 0.525     | -0.105    | 2.425 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 68.4 | 161        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 8    | 16     | 40     | 0.515     | -0.066    | 2.425 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 68.8 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 8    | 26     | 40     | 0.518     | -0.089    | 2.421 | 0.016     | 0.013     | 0         | 55   | 51.6 | 66.2 | 163        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 8    | 36     | 40     | 0.522     | -0.108    | 2.421 | 0.016     | 0.013     | 0         | 55   | 51.6 | 66.2 | 163        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 8    | 46     | 40     | 0.531     | -0.082    | 2.418 | 0.02      | 0.016     | 0         | 55   | 52   | 65.4 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 8    | 56     | 40     | 0.518     | -0.089    | 2.418 | 0.02      | 0.016     | 0         | 54.6 | 51.6 | 64.9 | 162        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 9    | 6      | 40     | 0.479     | -0.092    | 2.415 | 0.02      | 0.016     | 0         | 54.6 | 51.6 | 64.5 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 9    | 16     | 40     | 0.512     | -0.056    | 2.408 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 64.5 | 162        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 9    | 26     | 40     | 0.466     | -0.059    | 2.402 | 0.02      | 0.016     | 0         | 55   | 52   | 64.5 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 9    | 36     | 40     | 0.472     | -0.082    | 2.402 | 0.02      | 0.016     | 0         | 55   | 52   | 65.4 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 9    | 46     | 40     | 0.515     | -0.102    | 2.398 | 0.02      | 0.016     | 0         | 55   | 52   | 66.7 | 163        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 9    | 56     | 40     | 0.423     | -0.082    | 2.395 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 66.2 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 10   | 6      | 40     | 0.482     | -0.082    | 2.395 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 67.5 | 162        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 10   | 16     | 40     | 0.509     | -0.102    | 2.395 | 0.016     | 0.016     | 0         | 55   | 51.6 | 65.4 | 163        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 10   | 26     | 40     | 0.449     | -0.115    | 2.395 | 0.02      | 0.016     | 0         | 54.6 | 52   | 67.9 | 162        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 10   | 36     | 40     | 0.492     | -0.085    | 2.392 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 54.2 | 162        | 153        | 0          | 36     | 34     |
| 2009 | 6     | 9   | 10   | 46     | 40     | 0.499     | -0.056    | 2.392 | 0.02      | 0.016     | 0         | 54.6 | 52   | 60.2 | 162        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 10   | 56     | 40     | 0.459     | -0.039    | 2.392 | 0.02      | 0.016     | 0         | 55   | 52   | 67.5 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 11   | 6      | 40     | 0.499     | -0.066    | 2.388 | 0.02      | 0.016     | 0         | 55   | 52   | 67.5 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 11   | 16     | 40     | 0.548     | -0.089    | 2.388 | 0.016     | 0.016     | 0         | 55   | 52   | 65.8 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 11   | 26     | 40     | 0.499     | -0.026    | 2.385 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 61.9 | 162        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 11   | 36     | 40     | 0.515     | -0.102    | 2.379 | 0.016     | 0.016     | 0         | 55   | 51.6 | 48.6 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 11   | 46     | 40     | 0.531     | -0.062    | 2.375 | 0.02      | 0.016     | 0         | 54.6 | 52   | 48.2 | 162        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 11   | 56     | 40     | 0.472     | -0.066    | 2.372 | 0.016     | 0.016     | 0         | 54.6 | 52   | 52.5 | 162        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 12   | 6      | 40     | 0.505     | -0.056    | 2.372 | 0.02      | 0.016     | 0         | 55   | 51.6 | 48.6 | 162        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 12   | 16     | 40     | 0.482     | -0.079    | 2.369 | 0.02      | 0.016     | 0         | 55   | 52   | 49.5 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 12   | 26     | 40     | 0.515     | -0.079    | 2.365 | 0.016     | 0.016     | 0         | 54.6 | 52   | 52.5 | 162        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 12   | 36     | 40     | 0.522     | -0.085    | 2.365 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 49   | 162        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 12   | 46     | 40     | 0.505     | -0.115    | 2.362 | 0.023     | 0.023     | 0         | 54.6 | 52   | 56.8 | 162        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 12   | 56     | 40     | 0.515     | -0.095    | 2.362 | 0.02      | 0.016     | 0         | 54.6 | 51.6 | 67.5 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 13   | 6      | 40     | 0.476     | -0.046    | 2.362 | 0.02      | 0.016     | 0         | 54.6 | 51.6 | 55.5 | 161        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 13   | 16     | 40     | 0.443     | -0.072    | 2.362 | 0.02      | 0.016     | 0         | 55   | 52.5 | 48.2 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 13   | 26     | 40     | 0.509     | -0.079    | 2.359 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 45.2 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 13   | 36     | 40     | 0.499     | -0.072    | 2.359 | 0.016     | 0.016     | 0         | 55.9 | 52.9 | 45.2 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 13   | 46     | 40     | 0.495     | -0.098    | 2.359 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 45.6 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 13   | 56     | 40     | 0.495     | -0.092    | 2.359 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 49.9 | 164        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 14   | 6      | 40     | 0.453     | -0.059    | 2.359 | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 49   | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 14   | 16     | 40     | 0.466     | -0.046    | 2.356 | 0.02      | 0.016     | 0         | 55   | 52.5 | 46   | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 14   | 26     | 40     | 0.492     | -0.069    | 2.356 | 0.016     | 0.016     | 0         | 55   | 52.5 | 49.9 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 14   | 36     | 40     | 0.486     | -0.075    | 2.352 | 0.016     | 0.016     | 0         | 55.5 | 52.9 | 51.2 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 14   | 46     | 40     | 0.482     | -0.085    | 2.349 | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 48.2 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 14   | 56     | 40     | 0.486     | -0.115    | 2.349 | 0.02      | 0.016     | 0         | 55   | 52   | 47.3 | 163        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 15   | 6      | 40     | 0.476     | -0.089    | 2.349 | 0.016     | 0.016     | 0         | 55.5 | 52   | 49   | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 15   | 16     | 40     | 0.492     | -0.082    | 2.346 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 49.9 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 15   | 26     | 40     | 0.492     | -0.085    | 2.343 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 49.9 | 163        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 15   | 36     | 40     | 0.453     | -0.033    | 2.339 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 51.2 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 15   | 46     | 40     | 0.515     | -0.056    | 2.336 | 0.016     | 0.016     | 0         | 55   | 52.5 | 50.7 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 15   | 56     | 40     | 0.515     | -0.085    | 2.339 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 49.9 | 163        | 155        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 9   | 16   | 6      | 40     | 0.466     | -0.069    | 2.333 | 0.016     | 0.016     | 0         | 55   | 52.5 | 53.3 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 16   | 16     | 40     | 0.443     | -0.069    | 2.333 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 48.6 | 163        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 16   | 26     | 40     | 0.472     | -0.085    | 2.333 | 0.02      | 0.016     | 0         | 54.6 | 49.9 | 49.5 | 162        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 16   | 36     | 40     | 0.427     | -0.105    | 2.333 | 0.02      | 0.016     | 0         | 55   | 52.5 | 47.3 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 16   | 46     | 40     | 0.446     | -0.075    | 2.329 | 0.02      | 0.016     | 0         | 54.6 | 52   | 50.7 | 162        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 16   | 56     | 40     | 0.476     | -0.069    | 2.329 | 0.023     | 0.02      | 0         | 54.6 | 52   | 53.8 | 162        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 17   | 6      | 40     | 0.495     | -0.082    | 2.326 | 0.016     | 0.016     | 0         | 55   | 52.5 | 57.6 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 17   | 16     | 40     | 0.476     | -0.056    | 2.326 | 0.016     | 0.016     | 0         | 55   | 52.5 | 53.8 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 17   | 26     | 40     | 0.509     | -0.082    | 2.326 | 0.02      | 0.016     | 0         | 54.2 | 51.6 | 62.4 | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 17   | 36     | 40     | 0.515     | -0.072    | 2.326 | 0.02      | 0.016     | 0         | 54.6 | 52   | 46.4 | 162        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 17   | 46     | 40     | 0.459     | -0.102    | 2.326 | 0.023     | 0.02      | 0         | 54.6 | 52   | 51.2 | 162        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 17   | 56     | 40     | 0.486     | -0.066    | 2.326 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 54.2 | 163        | 155        | 0          | 34     | 32     |
| 2009 | 6     | 9   | 18   | 6      | 40     | 0.479     | -0.082    | 2.326 | 0.02      | 0.016     | 0         | 54.6 | 52.5 | 54.2 | 162        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 18   | 16     | 40     | 0.505     | -0.062    | 2.326 | 0.02      | 0.016     | 0         | 54.6 | 52   | 66.2 | 162        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 18   | 26     | 40     | 0.476     | -0.069    | 2.323 | 0.02      | 0.016     | 0         | 55   | 52.5 | 61.1 | 162        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 18   | 36     | 40     | 0.423     | -0.089    | 2.323 | 0.016     | 0.016     | 0         | 55.5 | 52   | 65.8 | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 18   | 46     | 40     | 0.476     | -0.082    | 2.323 | 0.02      | 0.016     | 0         | 55   | 52   | 65.8 | 162        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 18   | 56     | 40     | 0.472     | -0.079    | 2.323 | 0.02      | 0.016     | 0         | 54.6 | 52   | 67.1 | 162        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 19   | 6      | 40     | 0.466     | -0.095    | 2.323 | 0.016     | 0.016     | 0         | 55   | 52.9 | 67.9 | 163        | 155        | 0          | 35     | 32     |
| 2009 | 6     | 9   | 19   | 16     | 40     | 0.459     | -0.049    | 2.323 | 0.02      | 0.016     | 0         | 54.6 | 52   | 67.5 | 162        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 19   | 26     | 40     | 0.459     | -0.082    | 2.323 | 0.02      | 0.016     | 0         | 55   | 52.5 | 67.9 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 19   | 36     | 40     | 0.482     | -0.089    | 2.323 | 0.02      | 0.016     | 0         | 55   | 52.5 | 67.5 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 19   | 46     | 40     | 0.436     | -0.066    | 2.323 | 0.02      | 0.016     | 0         | 55   | 52.9 | 64.5 | 163        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 19   | 56     | 40     | 0.436     | -0.072    | 2.32  | 0.02      | 0.016     | 0         | 55   | 52.5 | 61.5 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 20   | 6      | 40     | 0.446     | -0.052    | 2.323 | 0.02      | 0.016     | 0         | 55   | 52.5 | 66.7 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 20   | 16     | 40     | 0.489     | -0.092    | 2.32  | 0.02      | 0.016     | 0         | 55   | 52.5 | 67.9 | 162        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 20   | 26     | 40     | 0.479     | -0.075    | 2.32  | 0.02      | 0.016     | 0         | 55   | 52.5 | 67.5 | 162        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 20   | 36     | 40     | 0.456     | -0.082    | 2.32  | 0.016     | 0.013     | 0         | 55   | 52.5 | 67.1 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 20   | 46     | 40     | 0.479     | -0.066    | 2.32  | 0.016     | 0.016     | 0         | 55   | 52.5 | 67.9 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 20   | 56     | 40     | 0.469     | -0.115    | 2.32  | 0.023     | 0.02      | 0         | 55   | 52.5 | 67.9 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 21   | 6      | 40     | 0.43      | -0.108    | 2.32  | 0.016     | 0.016     | 0         | 55.5 | 52   | 66.7 | 163        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 9   | 21   | 16     | 40     | 0.489     | -0.023    | 2.32  | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 67.1 | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 9   | 21   | 26     | 40     | 0.463     | -0.092    | 2.32  | 0.02      | 0.016     | 0         | 54.6 | 52.5 | 67.5 | 162        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 21   | 36     | 40     | 0.548     | -0.03     | 2.32  | 0.02      | 0.016     | 0         | 55   | 52.5 | 67.5 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 21   | 46     | 40     | 0.499     | -0.128    | 2.32  | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 67.9 | 163        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 21   | 56     | 40     | 0.525     | -0.069    | 2.32  | 0.02      | 0.016     | 0         | 55   | 52.5 | 67.9 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 22   | 6      | 40     | 0.384     | -0.046    | 2.32  | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 67.9 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 22   | 16     | 40     | 0.469     | -0.085    | 2.32  | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 67.9 | 163        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 9   | 22   | 26     | 40     | 0.453     | -0.066    | 2.32  | 0.016     | 0.016     | 0         | 55   | 52.5 | 67.9 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 22   | 36     | 40     | 0.433     | -0.102    | 2.32  | 0.016     | 0.016     | 0         | 55   | 52.5 | 67.5 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 22   | 46     | 40     | 0.509     | -0.039    | 2.32  | 0.02      | 0.016     | 0         | 54.6 | 52   | 68.4 | 162        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 22   | 56     | 40     | 0.463     | -0.075    | 2.316 | 0.016     | 0.016     | 0         | 54.6 | 52   | 68.4 | 162        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 23   | 6      | 40     | 0.479     | -0.098    | 2.316 | 0.02      | 0.016     | 0         | 54.6 | 52   | 68.4 | 162        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 23   | 16     | 40     | 0.472     | -0.085    | 2.316 | 0.02      | 0.016     | 0         | 54.6 | 52.5 | 68.4 | 162        | 154        | 0          | 35     | 32     |
| 2009 | 6     | 9   | 23   | 26     | 40     | 0.463     | -0.102    | 2.316 | 0.02      | 0.016     | 0         | 54.6 | 52   | 68.4 | 162        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 23   | 36     | 40     | 0.44      | -0.082    | 2.316 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 67.9 | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 23   | 46     | 40     | 0.466     | -0.085    | 2.316 | 0.016     | 0.016     | 0         | 54.6 | 52   | 68.8 | 162        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 9   | 23   | 56     | 40     | 0.489     | -0.082    | 2.316 | 0.02      | 0.016     | 0         | 54.6 | 52.5 | 68.4 | 162        | 155        | 0          | 35     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 10  | 0    | 6      | 40     | 0.502     | -0.092    | 2.316 | 0.02      | 0.016     | 0         | 54.6 | 52.5 | 68.8 | 162        | 154        | 0          | 35     | 32     |
| 2009 | 6     | 10  | 0    | 16     | 40     | 0.456     | -0.092    | 2.316 | 0.023     | 0.023     | 0         | 54.6 | 52.5 | 68.4 | 162        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 0    | 26     | 40     | 0.505     | -0.108    | 2.316 | 0.016     | 0.016     | 0         | 55   | 52.5 | 67.9 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 0    | 36     | 40     | 0.423     | -0.085    | 2.316 | 0.02      | 0.016     | 0         | 55   | 52.5 | 68.4 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 0    | 46     | 40     | 0.512     | -0.082    | 2.316 | 0.016     | 0.016     | 0         | 54.6 | 52   | 68.4 | 162        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 0    | 56     | 40     | 0.522     | -0.108    | 2.316 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 67.1 | 163        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 1    | 6      | 40     | 0.44      | -0.082    | 2.316 | 0.016     | 0.016     | 0         | 54.6 | 52   | 67.9 | 162        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 1    | 16     | 40     | 0.495     | -0.066    | 2.313 | 0.016     | 0.016     | 0         | 54.6 | 52   | 67.9 | 162        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 1    | 26     | 40     | 0.472     | -0.092    | 2.313 | 0.023     | 0.02      | 0         | 55   | 52.5 | 67.5 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 1    | 36     | 40     | 0.466     | -0.046    | 2.313 | 0.02      | 0.016     | 0         | 54.6 | 52   | 67.9 | 162        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 1    | 46     | 40     | 0.466     | -0.062    | 2.313 | 0.016     | 0.013     | 0         | 54.6 | 52.5 | 67.5 | 163        | 155        | 0          | 36     | 33     |
| 2009 | 6     | 10  | 1    | 56     | 40     | 0.449     | -0.062    | 2.313 | 0.023     | 0.023     | 0         | 55   | 52   | 67.9 | 163        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 2    | 6      | 40     | 0.505     | -0.118    | 2.313 | 0.02      | 0.016     | 0         | 55   | 52.5 | 67.9 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 2    | 16     | 40     | 0.486     | -0.102    | 2.313 | 0.023     | 0.02      | 0         | 55.5 | 52   | 68.4 | 163        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 2    | 26     | 40     | 0.44      | -0.069    | 2.313 | 0.016     | 0.016     | 0         | 55   | 52.5 | 67.9 | 163        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 2    | 36     | 40     | 0.433     | -0.118    | 2.313 | 0.02      | 0.016     | 0         | 55.5 | 51.6 | 67.5 | 163        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 10  | 2    | 46     | 40     | 0.482     | -0.039    | 2.313 | 0.02      | 0.016     | 0         | 54.6 | 51.6 | 67.5 | 162        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 2    | 56     | 40     | 0.499     | -0.125    | 2.313 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 67.9 | 162        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 3    | 6      | 40     | 0.427     | -0.082    | 2.313 | 0.02      | 0.016     | 0         | 54.2 | 52   | 67.5 | 161        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 3    | 16     | 40     | 0.469     | -0.066    | 2.313 | 0.02      | 0.016     | 0         | 54.2 | 52   | 67.1 | 162        | 154        | 0          | 36     | 33     |
| 2009 | 6     | 10  | 3    | 26     | 40     | 0.489     | -0.082    | 2.31  | 0.02      | 0.016     | 0         | 54.6 | 52   | 67.9 | 162        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 3    | 36     | 40     | 0.446     | -0.066    | 2.31  | 0.02      | 0.016     | 0         | 55   | 52.9 | 67.5 | 163        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 3    | 46     | 40     | 0.518     | -0.072    | 2.31  | 0.023     | 0.02      | 0         | 55   | 52.5 | 68.4 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 3    | 56     | 40     | 0.486     | -0.072    | 2.31  | 0.02      | 0.016     | 0         | 55.5 | 52   | 68.4 | 164        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 4    | 6      | 40     | 0.466     | -0.092    | 2.31  | 0.016     | 0.016     | 0         | 55   | 52   | 67.5 | 163        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 4    | 16     | 40     | 0.535     | -0.066    | 2.31  | 0.02      | 0.016     | 0         | 55   | 52   | 66.7 | 163        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 4    | 26     | 40     | 0.486     | -0.062    | 2.31  | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 67.9 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 4    | 36     | 40     | 0.41      | -0.079    | 2.31  | 0.02      | 0.016     | 0         | 55   | 52   | 68.4 | 163        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 4    | 46     | 40     | 0.479     | -0.056    | 2.31  | 0.02      | 0.016     | 0         | 55   | 51.6 | 68.4 | 163        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 4    | 56     | 40     | 0.456     | -0.082    | 2.31  | 0.02      | 0.016     | 0         | 55   | 52.5 | 68.4 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 5    | 6      | 40     | 0.463     | -0.092    | 2.31  | 0.016     | 0.016     | 0         | 55.5 | 52   | 68.4 | 164        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 5    | 16     | 40     | 0.492     | -0.079    | 2.306 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 67.9 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 5    | 26     | 40     | 0.512     | -0.092    | 2.306 | 0.02      | 0.016     | 0         | 55   | 52   | 67.5 | 163        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 5    | 36     | 40     | 0.476     | -0.089    | 2.306 | 0.023     | 0.02      | 0         | 55.5 | 52.9 | 67.1 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 5    | 46     | 40     | 0.512     | -0.082    | 2.306 | 0.02      | 0.016     | 0         | 55.5 | 52   | 67.1 | 164        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 5    | 56     | 40     | 0.433     | -0.098    | 2.306 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 66.7 | 164        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 6    | 6      | 40     | 0.512     | -0.108    | 2.306 | 0.016     | 0.016     | 0         | 55.9 | 52.5 | 66.7 | 164        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 6    | 16     | 40     | 0.472     | -0.069    | 2.306 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 66.2 | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 6    | 26     | 40     | 0.44      | -0.102    | 2.303 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 66.2 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 6    | 36     | 40     | 0.466     | -0.049    | 2.303 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 66.2 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 6    | 46     | 40     | 0.486     | -0.072    | 2.303 | 0.023     | 0.02      | 0         | 55.5 | 52.5 | 65.4 | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 6    | 56     | 40     | 0.505     | -0.066    | 2.303 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 66.7 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 7    | 6      | 40     | 0.463     | -0.085    | 2.303 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 65.8 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 7    | 16     | 40     | 0.39      | -0.082    | 2.303 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 65.8 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 7    | 26     | 40     | 0.472     | -0.082    | 2.3   | 0.02      | 0.016     | 0         | 54.6 | 52.5 | 65.4 | 163        | 155        | 0          | 36     | 33     |
| 2009 | 6     | 10  | 7    | 36     | 40     | 0.427     | -0.066    | 2.3   | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 65.8 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 7    | 46     | 40     | 0.436     | -0.072    | 2.3   | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 64.9 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 7    | 56     | 40     | 0.466     | -0.098    | 2.3   | 0.02      | 0.016     | 0         | 55   | 52.5 | 64.5 | 163        | 155        | 0          | 35     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 10  | 8    | 6      | 40     | 0.453     | -0.105    | 2.297 | 0.02      | 0.016     | 0         | 55   | 52.9 | 64.1 | 164        | 156        | 0          | 36     | 33     |
| 2009 | 6     | 10  | 8    | 16     | 40     | 0.453     | -0.079    | 2.293 | 0.02      | 0.016     | 0         | 55.5 | 52   | 63.6 | 164        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 8    | 26     | 40     | 0.449     | -0.092    | 2.293 | 0.02      | 0.016     | 0         | 55.5 | 53.3 | 63.6 | 164        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 8    | 36     | 40     | 0.436     | -0.046    | 2.29  | 0.016     | 0.016     | 0         | 55.5 | 52.9 | 63.2 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 8    | 46     | 40     | 0.502     | -0.039    | 2.287 | 0.02      | 0.016     | 0         | 55.5 | 52   | 64.1 | 164        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 8    | 56     | 40     | 0.433     | -0.092    | 2.287 | 0.023     | 0.02      | 0         | 55   | 52.5 | 64.5 | 164        | 156        | 0          | 36     | 34     |
| 2009 | 6     | 10  | 9    | 6      | 40     | 0.476     | -0.089    | 2.287 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 64.9 | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 9    | 16     | 40     | 0.417     | -0.033    | 2.287 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 64.5 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 9    | 26     | 40     | 0.463     | -0.108    | 2.287 | 0.02      | 0.016     | 0         | 55   | 52.5 | 64.9 | 164        | 156        | 0          | 36     | 34     |
| 2009 | 6     | 10  | 9    | 36     | 40     | 0.463     | -0.141    | 2.283 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 65.4 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 9    | 46     | 40     | 0.502     | -0.062    | 2.283 | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 65.4 | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 9    | 56     | 40     | 0.512     | -0.066    | 2.283 | 0.02      | 0.016     | 0         | 55   | 52.9 | 65.4 | 164        | 156        | 0          | 36     | 33     |
| 2009 | 6     | 10  | 10   | 6      | 40     | 0.43      | -0.075    | 2.283 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 65.4 | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 10   | 16     | 40     | 0.449     | -0.075    | 2.283 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 65.8 | 164        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 10   | 26     | 40     | 0.489     | -0.059    | 2.283 | 0.016     | 0.013     | 0         | 55.5 | 52.9 | 66.2 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 10   | 36     | 40     | 0.499     | -0.066    | 2.283 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 67.1 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 10   | 46     | 40     | 0.443     | -0.112    | 2.283 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 67.1 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 10   | 56     | 40     | 0.443     | -0.079    | 2.283 | 0.023     | 0.02      | 0         | 55.5 | 52.9 | 66.7 | 164        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 11   | 6      | 40     | 0.423     | -0.059    | 2.28  | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 66.7 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 11   | 16     | 40     | 0.515     | -0.066    | 2.28  | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 63.2 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 11   | 26     | 40     | 0.469     | -0.089    | 2.28  | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 67.1 | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 11   | 36     | 40     | 0.459     | -0.089    | 2.28  | 0.026     | 0.023     | 0         | 55.5 | 52.5 | 67.1 | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 11   | 46     | 40     | 0.466     | -0.079    | 2.28  | 0.016     | 0.016     | 0         | 55.5 | 52.9 | 66.7 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 11   | 56     | 40     | 0.446     | -0.108    | 2.28  | 0.02      | 0.016     | 0         | 55   | 52.9 | 67.5 | 163        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 12   | 6      | 40     | 0.433     | -0.049    | 2.28  | 0.02      | 0.016     | 0         | 55   | 52.9 | 61.9 | 163        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 12   | 16     | 40     | 0.489     | -0.049    | 2.28  | 0.02      | 0.016     | 0         | 55   | 52.9 | 49   | 163        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 12   | 26     | 40     | 0.479     | -0.118    | 2.28  | 0.02      | 0.016     | 0         | 55   | 52.9 | 50.7 | 163        | 155        | 0          | 35     | 32     |
| 2009 | 6     | 10  | 12   | 36     | 40     | 0.423     | -0.069    | 2.28  | 0.02      | 0.016     | 0         | 55.5 | 52   | 50.7 | 164        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 12   | 46     | 40     | 0.436     | -0.059    | 2.28  | 0.026     | 0.023     | 0         | 55.5 | 52.9 | 55   | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 12   | 56     | 40     | 0.374     | -0.059    | 2.28  | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 67.1 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 13   | 6      | 40     | 0.489     | -0.049    | 2.28  | 0.02      | 0.016     | 0         | 55   | 52.9 | 67.9 | 163        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 13   | 16     | 40     | 0.43      | -0.075    | 2.28  | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 66.7 | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 13   | 26     | 40     | 0.43      | -0.108    | 2.28  | 0.016     | 0.016     | 0         | 55.5 | 53.3 | 67.5 | 164        | 156        | 0          | 35     | 32     |
| 2009 | 6     | 10  | 13   | 36     | 40     | 0.469     | -0.01     | 2.28  | 0.023     | 0.02      | 0         | 55.5 | 52.9 | 62.8 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 13   | 46     | 40     | 0.449     | -0.089    | 2.28  | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 57.2 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 13   | 56     | 40     | 0.463     | -0.102    | 2.28  | 0.02      | 0.016     | 0         | 55   | 53.3 | 67.9 | 163        | 156        | 0          | 35     | 32     |
| 2009 | 6     | 10  | 14   | 6      | 40     | 0.512     | -0.098    | 2.28  | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 68.8 | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 14   | 16     | 40     | 0.413     | -0.105    | 2.28  | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 49   | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 14   | 26     | 40     | 0.489     | -0.066    | 2.277 | 0.026     | 0.023     | 0         | 55.5 | 53.3 | 48.2 | 164        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 14   | 36     | 40     | 0.472     | -0.072    | 2.277 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 48.6 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 14   | 46     | 40     | 0.459     | -0.079    | 2.277 | 0.023     | 0.023     | 0         | 55.5 | 52.5 | 49   | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 14   | 56     | 40     | 0.453     | -0.049    | 2.277 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 48.2 | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 15   | 6      | 40     | 0.436     | -0.066    | 2.28  | 0.016     | 0.016     | 0         | 55.5 | 52.9 | 52.9 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 15   | 16     | 40     | 0.394     | -0.062    | 2.277 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 47.7 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 15   | 26     | 40     | 0.453     | -0.043    | 2.28  | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 47.7 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 15   | 36     | 40     | 0.492     | -0.069    | 2.277 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 59.3 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 15   | 46     | 40     | 0.489     | -0.079    | 2.28  | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 67.5 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 15   | 56     | 40     | 0.472     | -0.062    | 2.277 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 60.6 | 165        | 157        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 10  | 16   | 6      | 40     | 0.446     | -0.066    | 2.277 | 0.023     | 0.02      | 0         | 55.5 | 52   | 50.3 | 164        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 16   | 16     | 40     | 0.492     | -0.062    | 2.277 | 0.02      | 0.016     | 0         | 55.5 | 53.3 | 48.2 | 164        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 16   | 26     | 40     | 0.417     | -0.118    | 2.277 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 49   | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 16   | 36     | 40     | 0.466     | -0.095    | 2.277 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 51.2 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 16   | 46     | 40     | 0.459     | -0.072    | 2.277 | 0.02      | 0.016     | 0         | 55.5 | 53.3 | 49.5 | 164        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 16   | 56     | 40     | 0.463     | -0.082    | 2.277 | 0.023     | 0.023     | 0         | 55.9 | 52.9 | 57.2 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 17   | 6      | 40     | 0.453     | -0.056    | 2.28  | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 64.9 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 17   | 16     | 40     | 0.436     | -0.052    | 2.277 | 0.023     | 0.02      | 0         | 55.9 | 53.8 | 65.4 | 165        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 17   | 26     | 40     | 0.433     | -0.085    | 2.277 | 0.016     | 0.016     | 0         | 55.9 | 53.8 | 63.6 | 165        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 17   | 36     | 40     | 0.489     | -0.066    | 2.277 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 67.1 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 17   | 46     | 40     | 0.436     | -0.059    | 2.277 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 66.7 | 165        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 17   | 56     | 40     | 0.449     | -0.121    | 2.277 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 67.1 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 18   | 6      | 40     | 0.459     | -0.102    | 2.277 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 67.5 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 18   | 16     | 40     | 0.463     | -0.075    | 2.277 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 67.1 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 18   | 26     | 40     | 0.459     | -0.056    | 2.277 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 67.1 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 18   | 36     | 40     | 0.433     | -0.072    | 2.277 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 66.7 | 165        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 18   | 46     | 40     | 0.479     | -0.092    | 2.277 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 66.7 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 18   | 56     | 40     | 0.433     | -0.085    | 2.277 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 67.1 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 19   | 6      | 40     | 0.453     | -0.03     | 2.277 | 0.016     | 0.016     | 0         | 55.5 | 53.3 | 67.5 | 164        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 19   | 16     | 40     | 0.407     | -0.075    | 2.277 | 0.016     | 0.016     | 0         | 55.9 | 53.8 | 67.1 | 165        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 19   | 26     | 40     | 0.459     | -0.079    | 2.277 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.5 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 19   | 36     | 40     | 0.39      | -0.098    | 2.277 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 67.5 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 19   | 46     | 40     | 0.433     | -0.089    | 2.277 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 67.5 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 19   | 56     | 40     | 0.453     | -0.075    | 2.277 | 0.016     | 0.016     | 0         | 55.9 | 53.3 | 67.1 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 20   | 6      | 40     | 0.42      | -0.102    | 2.277 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.5 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 20   | 16     | 40     | 0.453     | -0.049    | 2.277 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.9 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 20   | 26     | 40     | 0.449     | -0.079    | 2.277 | 0.023     | 0.02      | 0         | 56.3 | 53.3 | 67.9 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 20   | 36     | 40     | 0.469     | -0.052    | 2.28  | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.5 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 20   | 46     | 40     | 0.44      | -0.082    | 2.277 | 0.023     | 0.02      | 0         | 56.3 | 52.9 | 67.1 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 20   | 56     | 40     | 0.476     | -0.046    | 2.28  | 0.023     | 0.02      | 0         | 53.8 | 52   | 64.9 | 160        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 21   | 6      | 40     | 0.42      | -0.085    | 2.28  | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 67.5 | 165        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 21   | 16     | 40     | 0.486     | -0.043    | 2.277 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 68.4 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 21   | 26     | 40     | 0.472     | -0.098    | 2.277 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 66.7 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 21   | 36     | 40     | 0.459     | -0.102    | 2.277 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 67.1 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 21   | 46     | 40     | 0.453     | -0.085    | 2.277 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 67.5 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 21   | 56     | 40     | 0.433     | -0.046    | 2.277 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 67.1 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 10  | 22   | 6      | 40     | 0.489     | -0.02     | 2.277 | 0.016     | 0.016     | 0         | 55.5 | 52.9 | 67.1 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 22   | 16     | 40     | 0.436     | -0.085    | 2.277 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 67.5 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 22   | 26     | 40     | 0.482     | -0.062    | 2.277 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 66.2 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 22   | 36     | 40     | 0.446     | -0.102    | 2.277 | 0.02      | 0.016     | 0         | 54.2 | 52.5 | 67.1 | 161        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 22   | 46     | 40     | 0.433     | -0.066    | 2.277 | 0.02      | 0.016     | 0         | 55.5 | 51.6 | 67.9 | 164        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 22   | 56     | 40     | 0.495     | -0.098    | 2.277 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 67.5 | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 23   | 6      | 40     | 0.466     | -0.039    | 2.277 | 0.016     | 0.016     | 0         | 55.9 | 52.9 | 67.1 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 23   | 16     | 40     | 0.459     | -0.089    | 2.277 | 0.023     | 0.02      | 0         | 55.5 | 52.5 | 67.5 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 23   | 26     | 40     | 0.459     | -0.079    | 2.277 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 67.5 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 23   | 36     | 40     | 0.456     | -0.069    | 2.277 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 67.5 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 10  | 23   | 46     | 40     | 0.492     | -0.095    | 2.277 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 67.5 | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 10  | 23   | 56     | 40     | 0.42      | -0.066    | 2.277 | 0.02      | 0.016     | 0         | 55.5 | 52   | 67.5 | 164        | 155        | 0          | 35     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 11  | 0    | 6      | 40     | 0.44      | -0.108    | 2.277 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 67.5 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 0    | 16     | 40     | 0.43      | -0.062    | 2.277 | 0.023     | 0.02      | 0         | 55.9 | 52.5 | 67.5 | 164        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 0    | 26     | 40     | 0.397     | -0.052    | 2.277 | 0.016     | 0.016     | 0         | 55.5 | 52.9 | 67.5 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 0    | 36     | 40     | 0.436     | -0.039    | 2.277 | 0.016     | 0.016     | 0         | 55.9 | 52.9 | 67.5 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 0    | 46     | 40     | 0.476     | -0.079    | 2.277 | 0.026     | 0.023     | 0         | 55.9 | 52.5 | 66.7 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 0    | 56     | 40     | 0.453     | -0.095    | 2.28  | 0.02      | 0.016     | 0         | 54.6 | 52.5 | 67.5 | 162        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 1    | 6      | 40     | 0.489     | -0.098    | 2.277 | 0.023     | 0.023     | 0         | 56.3 | 52.9 | 66.2 | 165        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 1    | 16     | 40     | 0.39      | -0.036    | 2.277 | 0.016     | 0.016     | 0         | 55   | 52.5 | 67.5 | 164        | 155        | 0          | 36     | 33     |
| 2009 | 6     | 11  | 1    | 26     | 40     | 0.436     | -0.052    | 2.277 | 0.016     | 0.016     | 0         | 55.5 | 52.9 | 67.9 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 1    | 36     | 40     | 0.453     | -0.066    | 2.277 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 67.1 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 1    | 46     | 40     | 0.446     | -0.102    | 2.277 | 0.016     | 0.016     | 0         | 55.5 | 52.9 | 67.1 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 1    | 56     | 40     | 0.492     | -0.066    | 2.277 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 67.1 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 2    | 6      | 40     | 0.518     | -0.079    | 2.277 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 67.5 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 2    | 16     | 40     | 0.499     | -0.069    | 2.277 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 67.9 | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 2    | 26     | 40     | 0.482     | -0.098    | 2.277 | 0.016     | 0.016     | 0         | 55   | 52   | 67.5 | 163        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 2    | 36     | 40     | 0.466     | -0.075    | 2.277 | 0.02      | 0.016     | 0         | 55   | 52.5 | 67.1 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 2    | 46     | 40     | 0.453     | -0.118    | 2.277 | 0.02      | 0.016     | 0         | 55.5 | 52   | 67.1 | 164        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 2    | 56     | 40     | 0.466     | -0.092    | 2.277 | 0.023     | 0.02      | 0         | 55.5 | 52.5 | 67.5 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 3    | 6      | 40     | 0.453     | -0.072    | 2.277 | 0.02      | 0.016     | 0         | 55.5 | 52   | 67.9 | 164        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 3    | 16     | 40     | 0.469     | -0.085    | 2.277 | 0.02      | 0.016     | 0         | 55   | 52.5 | 66.7 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 3    | 26     | 40     | 0.495     | -0.079    | 2.277 | 0.02      | 0.016     | 0         | 55   | 52   | 67.5 | 163        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 3    | 36     | 40     | 0.463     | -0.102    | 2.277 | 0.016     | 0.016     | 0         | 55.5 | 52.9 | 66.7 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 3    | 46     | 40     | 0.456     | -0.066    | 2.277 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 66.7 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 3    | 56     | 40     | 0.443     | -0.079    | 2.277 | 0.023     | 0.02      | 0         | 55   | 52.5 | 67.1 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 4    | 6      | 40     | 0.499     | -0.059    | 2.277 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 66.7 | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 4    | 16     | 40     | 0.472     | -0.069    | 2.277 | 0.02      | 0.016     | 0         | 55   | 52.9 | 67.1 | 164        | 156        | 0          | 36     | 33     |
| 2009 | 6     | 11  | 4    | 26     | 40     | 0.417     | -0.075    | 2.277 | 0.02      | 0.016     | 0         | 55   | 52   | 67.5 | 163        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 4    | 36     | 40     | 0.423     | -0.098    | 2.277 | 0.016     | 0.016     | 0         | 54.6 | 52.5 | 67.5 | 163        | 155        | 0          | 36     | 33     |
| 2009 | 6     | 11  | 4    | 46     | 40     | 0.466     | -0.059    | 2.277 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 67.1 | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 4    | 56     | 40     | 0.446     | -0.075    | 2.277 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 66.2 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 5    | 6      | 40     | 0.463     | -0.135    | 2.277 | 0.023     | 0.02      | 0         | 55   | 52   | 67.1 | 163        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 5    | 16     | 40     | 0.486     | -0.062    | 2.277 | 0.02      | 0.016     | 0         | 55.5 | 52   | 67.5 | 164        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 5    | 26     | 40     | 0.436     | -0.105    | 2.277 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 66.7 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 5    | 36     | 40     | 0.492     | -0.062    | 2.277 | 0.023     | 0.02      | 0         | 55.5 | 52.5 | 67.1 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 5    | 46     | 40     | 0.482     | -0.052    | 2.277 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 67.1 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 5    | 56     | 40     | 0.449     | -0.098    | 2.277 | 0.016     | 0.016     | 0         | 55.5 | 52   | 67.1 | 164        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 6    | 6      | 40     | 0.456     | -0.108    | 2.274 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 67.1 | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 6    | 16     | 40     | 0.466     | -0.102    | 2.277 | 0.023     | 0.02      | 0         | 55.5 | 52.9 | 66.7 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 6    | 26     | 40     | 0.476     | -0.089    | 2.277 | 0.016     | 0.016     | 0         | 55.9 | 52.5 | 66.7 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 6    | 36     | 40     | 0.476     | -0.062    | 2.274 | 0.016     | 0.016     | 0         | 55.9 | 52.5 | 65.8 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 6    | 46     | 40     | 0.492     | -0.085    | 2.274 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 67.1 | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 6    | 56     | 40     | 0.479     | -0.118    | 2.274 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 67.1 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 7    | 6      | 40     | 0.43      | -0.105    | 2.274 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 67.9 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 7    | 16     | 40     | 0.427     | -0.098    | 2.274 | 0.026     | 0.023     | 0         | 55.9 | 52.5 | 67.1 | 166        | 156        | 0          | 36     | 34     |
| 2009 | 6     | 11  | 7    | 26     | 40     | 0.479     | -0.105    | 2.274 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 67.5 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 7    | 36     | 40     | 0.427     | -0.118    | 2.274 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 67.1 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 7    | 46     | 40     | 0.456     | -0.098    | 2.274 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 67.5 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 7    | 56     | 40     | 0.44      | -0.082    | 2.274 | 0.023     | 0.02      | 0         | 55.5 | 52   | 67.5 | 164        | 155        | 0          | 35     | 34     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 11  | 8    | 6      | 40     | 0.384     | -0.049    | 2.274 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 66.7 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 8    | 16     | 40     | 0.482     | -0.082    | 2.274 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 67.1 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 8    | 26     | 40     | 0.522     | -0.036    | 2.274 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 67.5 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 8    | 36     | 40     | 0.443     | -0.095    | 2.274 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 67.5 | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 8    | 46     | 40     | 0.449     | -0.082    | 2.274 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 67.5 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 8    | 56     | 40     | 0.476     | -0.089    | 2.274 | 0.02      | 0.016     | 0         | 55.5 | 51.6 | 67.9 | 164        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 9    | 6      | 40     | 0.423     | -0.092    | 2.274 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 67.5 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 9    | 16     | 40     | 0.453     | -0.144    | 2.274 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 67.5 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 9    | 26     | 40     | 0.43      | -0.112    | 2.274 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 67.9 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 9    | 36     | 40     | 0.394     | -0.046    | 2.274 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 67.1 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 9    | 46     | 40     | 0.42      | -0.079    | 2.274 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 67.9 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 9    | 56     | 40     | 0.482     | -0.066    | 2.274 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 67.5 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 10   | 6      | 40     | 0.459     | -0.036    | 2.274 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 67.1 | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 10   | 16     | 40     | 0.449     | -0.059    | 2.274 | 0.023     | 0.02      | 0         | 55   | 51.6 | 67.5 | 163        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 10   | 26     | 40     | 0.518     | -0.056    | 2.274 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 66.7 | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 10   | 36     | 40     | 0.463     | -0.082    | 2.27  | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 67.1 | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 10   | 46     | 40     | 0.456     | -0.098    | 2.274 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 67.5 | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 10   | 56     | 40     | 0.466     | -0.049    | 2.27  | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 67.1 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 11   | 6      | 40     | 0.453     | -0.049    | 2.27  | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 65.4 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 11   | 16     | 40     | 0.502     | -0.036    | 2.27  | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 66.2 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 11   | 26     | 40     | 0.492     | -0.079    | 2.27  | 0.023     | 0.02      | 0         | 55.5 | 52.9 | 62.4 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 11   | 36     | 40     | 0.407     | -0.075    | 2.27  | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 66.2 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 11   | 46     | 40     | 0.453     | -0.105    | 2.27  | 0.02      | 0.016     | 0         | 55   | 52.9 | 58.9 | 163        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 11   | 56     | 40     | 0.466     | -0.056    | 2.27  | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 57.2 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 12   | 6      | 40     | 0.486     | -0.056    | 2.267 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 52.9 | 164        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 12   | 16     | 40     | 0.486     | -0.059    | 2.26  | 0.02      | 0.016     | 0         | 55   | 52   | 49.9 | 163        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 12   | 26     | 40     | 0.486     | -0.052    | 2.264 | 0.02      | 0.016     | 0         | 55   | 52.5 | 47.3 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 12   | 36     | 40     | 0.449     | -0.095    | 2.267 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 58.9 | 165        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 11  | 12   | 46     | 40     | 0.459     | -0.046    | 2.264 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 50.7 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 12   | 56     | 40     | 0.479     | -0.085    | 2.264 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 46.4 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 13   | 6      | 40     | 0.456     | -0.066    | 2.264 | 0.016     | 0.016     | 0         | 55.5 | 52.9 | 48.6 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 13   | 16     | 40     | 0.476     | -0.082    | 2.264 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 47.3 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 13   | 26     | 40     | 0.456     | -0.069    | 2.264 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 49   | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 13   | 36     | 40     | 0.469     | -0.069    | 2.264 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 52.5 | 164        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 13   | 46     | 40     | 0.472     | -0.095    | 2.264 | 0.023     | 0.02      | 0         | 55.5 | 52.9 | 51.2 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 13   | 56     | 40     | 0.459     | -0.075    | 2.26  | 0.02      | 0.016     | 0         | 55.5 | 53.3 | 51.2 | 164        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 14   | 6      | 40     | 0.459     | -0.079    | 2.26  | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 45.6 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 14   | 16     | 40     | 0.456     | -0.079    | 2.264 | 0.02      | 0.016     | 0         | 55.5 | 53.3 | 45.2 | 164        | 156        | 0          | 35     | 32     |
| 2009 | 6     | 11  | 14   | 26     | 40     | 0.456     | -0.049    | 2.26  | 0.016     | 0.013     | 0         | 55.5 | 52.9 | 48.2 | 164        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 14   | 36     | 40     | 0.423     | -0.089    | 2.26  | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 49   | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 14   | 46     | 40     | 0.482     | -0.089    | 2.26  | 0.02      | 0.016     | 0         | 55.5 | 53.3 | 48.6 | 164        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 14   | 56     | 40     | 0.476     | -0.069    | 2.264 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 49   | 165        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 15   | 6      | 40     | 0.443     | -0.072    | 2.26  | 0.023     | 0.02      | 0         | 56.3 | 53.3 | 48.2 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 15   | 16     | 40     | 0.492     | -0.085    | 2.26  | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 47.3 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 15   | 26     | 40     | 0.459     | -0.095    | 2.26  | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 49   | 165        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 15   | 36     | 40     | 0.459     | -0.082    | 2.26  | 0.023     | 0.02      | 0         | 56.3 | 53.8 | 49.5 | 165        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 15   | 46     | 40     | 0.449     | -0.056    | 2.26  | 0.023     | 0.02      | 0         | 55.9 | 53.3 | 46.4 | 164        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 15   | 56     | 40     | 0.472     | -0.085    | 2.257 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 48.2 | 164        | 155        | 0          | 35     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 11  | 16   | 6      | 40     | 0.522     | -0.039    | 2.26  | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 46.4 | 164        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 16   | 16     | 40     | 0.459     | -0.075    | 2.257 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 48.2 | 164        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 16   | 26     | 40     | 0.492     | -0.069    | 2.257 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 48.6 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 16   | 36     | 40     | 0.453     | -0.075    | 2.257 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 47.7 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 16   | 46     | 40     | 0.44      | -0.052    | 2.257 | 0.02      | 0.016     | 0         | 55.9 | 54.2 | 49   | 165        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 11  | 16   | 56     | 40     | 0.443     | -0.046    | 2.257 | 0.026     | 0.023     | 0         | 55.9 | 53.8 | 47.7 | 165        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 11  | 17   | 6      | 40     | 0.469     | -0.043    | 2.257 | 0.016     | 0.016     | 0         | 55.5 | 52.9 | 48.2 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 17   | 16     | 40     | 0.463     | -0.089    | 2.257 | 0.02      | 0.016     | 0         | 55.5 | 53.3 | 49.5 | 164        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 17   | 26     | 40     | 0.505     | -0.046    | 2.257 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 51.2 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 17   | 36     | 40     | 0.459     | -0.062    | 2.257 | 0.02      | 0.016     | 0         | 56.8 | 52.9 | 48.2 | 166        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 17   | 46     | 40     | 0.495     | -0.066    | 2.254 | 0.023     | 0.02      | 0         | 56.3 | 52.9 | 56.8 | 165        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 17   | 56     | 40     | 0.472     | -0.092    | 2.254 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 57.2 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 18   | 6      | 40     | 0.486     | -0.085    | 2.254 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 47.3 | 165        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 18   | 16     | 40     | 0.482     | -0.062    | 2.254 | 0.023     | 0.02      | 0         | 56.3 | 52.9 | 51.2 | 165        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 18   | 26     | 40     | 0.492     | -0.052    | 2.254 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 58.5 | 165        | 156        | 0          | 35     | 32     |
| 2009 | 6     | 11  | 18   | 36     | 40     | 0.42      | -0.069    | 2.257 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 51.6 | 166        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 18   | 46     | 40     | 0.505     | -0.036    | 2.257 | 0.023     | 0.02      | 0         | 55.9 | 52.9 | 64.5 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 18   | 56     | 40     | 0.489     | -0.062    | 2.257 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 64.5 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 19   | 6      | 40     | 0.525     | -0.069    | 2.257 | 0.02      | 0.016     | 0         | 56.3 | 52.5 | 64.1 | 166        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 19   | 16     | 40     | 0.436     | -0.098    | 2.257 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 64.1 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 19   | 26     | 40     | 0.489     | -0.092    | 2.257 | 0.016     | 0.016     | 0         | 55   | 52.9 | 64.5 | 162        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 19   | 36     | 40     | 0.427     | -0.102    | 2.26  | 0.02      | 0.016     | 0         | 56.8 | 52.9 | 64.5 | 166        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 19   | 46     | 40     | 0.446     | -0.049    | 2.26  | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 64.5 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 19   | 56     | 40     | 0.505     | -0.062    | 2.26  | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 63.6 | 165        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 20   | 6      | 40     | 0.479     | -0.092    | 2.26  | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 63.6 | 166        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 20   | 16     | 40     | 0.436     | -0.066    | 2.264 | 0.023     | 0.02      | 0         | 55.9 | 52.5 | 64.1 | 165        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 20   | 26     | 40     | 0.482     | -0.095    | 2.264 | 0.023     | 0.02      | 0         | 55.9 | 52.9 | 63.2 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 20   | 36     | 40     | 0.449     | -0.072    | 2.264 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 63.6 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 20   | 46     | 40     | 0.446     | -0.059    | 2.264 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 63.2 | 166        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 11  | 20   | 56     | 40     | 0.453     | -0.059    | 2.267 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 64.1 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 21   | 6      | 40     | 0.453     | -0.069    | 2.267 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 64.1 | 166        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 21   | 16     | 40     | 0.427     | -0.069    | 2.27  | 0.02      | 0.016     | 0         | 56.3 | 52   | 64.5 | 166        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 21   | 26     | 40     | 0.495     | -0.098    | 2.27  | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 64.5 | 166        | 156        | 0          | 34     | 32     |
| 2009 | 6     | 11  | 21   | 36     | 40     | 0.492     | -0.043    | 2.27  | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 64.5 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 21   | 46     | 40     | 0.407     | -0.059    | 2.27  | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 64.1 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 11  | 21   | 56     | 40     | 0.486     | -0.108    | 2.27  | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 65.4 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 22   | 6      | 40     | 0.436     | -0.033    | 2.274 | 0.02      | 0.016     | 0         | 55.5 | 48.6 | 67.9 | 164        | 147        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 22   | 16     | 40     | 0.459     | -0.112    | 2.27  | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 65.4 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 11  | 22   | 26     | 40     | 0.436     | -0.072    | 2.27  | 0.016     | 0.016     | 0         | 55.9 | 52.9 | 65.8 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 22   | 36     | 40     | 0.427     | -0.056    | 2.27  | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 65.8 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 22   | 46     | 40     | 0.476     | -0.089    | 2.27  | 0.016     | 0.016     | 0         | 55.9 | 52.9 | 59.3 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 22   | 56     | 40     | 0.459     | -0.046    | 2.267 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 49.5 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 23   | 6      | 40     | 0.495     | -0.02     | 2.267 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 50.3 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 23   | 16     | 40     | 0.453     | -0.092    | 2.27  | 0.023     | 0.02      | 0         | 55.5 | 52.5 | 53.3 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 23   | 26     | 40     | 0.525     | -0.062    | 2.27  | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 65.8 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 23   | 36     | 40     | 0.469     | -0.085    | 2.27  | 0.016     | 0.016     | 0         | 55.5 | 52.9 | 62.4 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 23   | 46     | 40     | 0.502     | -0.089    | 2.27  | 0.016     | 0.016     | 0         | 55.5 | 52.9 | 62.8 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 11  | 23   | 56     | 40     | 0.479     | -0.049    | 2.27  | 0.02      | 0.016     | 0         | 55.5 | 52   | 55.9 | 164        | 155        | 0          | 35     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 12  | 0    | 6      | 40     | 0.489     | -0.049    | 2.27  | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 54.6 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 0    | 16     | 40     | 0.449     | -0.052    | 2.27  | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 54.6 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 0    | 26     | 40     | 0.502     | -0.039    | 2.27  | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 55.9 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 0    | 36     | 40     | 0.443     | -0.062    | 2.27  | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 50.7 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 0    | 46     | 40     | 0.446     | -0.085    | 2.274 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 60.2 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 0    | 56     | 40     | 0.453     | -0.072    | 2.274 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 65.8 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 1    | 6      | 40     | 0.459     | -0.079    | 2.274 | 0.023     | 0.023     | 0         | 55.5 | 52.5 | 67.9 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 1    | 16     | 40     | 0.449     | -0.085    | 2.274 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 66.7 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 1    | 26     | 40     | 0.456     | -0.069    | 2.274 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 67.9 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 1    | 36     | 40     | 0.466     | -0.056    | 2.274 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 67.5 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 1    | 46     | 40     | 0.436     | -0.062    | 2.274 | 0.016     | 0.016     | 0         | 55.9 | 52.9 | 67.9 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 1    | 56     | 40     | 0.361     | -0.164    | 2.274 | 0.02      | 0.016     | 0         | 37.4 | 52.9 | 67.9 | 123        | 156        | 0          | 36     | 33     |
| 2009 | 6     | 12  | 2    | 6      | 40     | 0.492     | -0.089    | 2.274 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 68.8 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 2    | 16     | 40     | 0.472     | -0.102    | 2.274 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 68.8 | 165        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 2    | 26     | 40     | 0.44      | -0.082    | 2.274 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 68.8 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 2    | 36     | 40     | 0.443     | -0.007    | 2.274 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 68.8 | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 2    | 46     | 40     | 0.469     | -0.069    | 2.274 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 67.9 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 2    | 56     | 40     | 0.423     | -0.102    | 2.274 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 68.8 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 3    | 6      | 40     | 0.456     | -0.102    | 2.274 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 68.8 | 165        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 3    | 16     | 40     | 0.453     | -0.062    | 2.274 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 68.4 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 3    | 26     | 40     | 0.479     | -0.049    | 2.274 | 0.016     | 0.016     | 0         | 55.9 | 52.9 | 68.4 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 3    | 36     | 40     | 0.446     | -0.066    | 2.274 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 67.9 | 165        | 156        | 0          | 36     | 33     |
| 2009 | 6     | 12  | 3    | 46     | 40     | 0.505     | -0.052    | 2.274 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 67.9 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 3    | 56     | 40     | 0.463     | -0.059    | 2.274 | 0.016     | 0.016     | 0         | 55.9 | 52.9 | 68.8 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 4    | 6      | 40     | 0.449     | -0.108    | 2.274 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 68.4 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 4    | 16     | 40     | 0.469     | -0.066    | 2.274 | 0.016     | 0.016     | 0         | 55.5 | 52   | 68.8 | 164        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 4    | 26     | 40     | 0.479     | -0.102    | 2.274 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 67.5 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 4    | 36     | 40     | 0.463     | -0.082    | 2.274 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 68.8 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 4    | 46     | 40     | 0.446     | -0.062    | 2.274 | 0.02      | 0.016     | 0         | 55.9 | 52   | 69.2 | 165        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 4    | 56     | 40     | 0.404     | -0.105    | 2.274 | 0.02      | 0.016     | 0         | 54.2 | 52   | 69.2 | 161        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 5    | 6      | 40     | 0.423     | -0.085    | 2.274 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 67.5 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 5    | 16     | 40     | 0.427     | -0.082    | 2.274 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 68.8 | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 5    | 26     | 40     | 0.463     | -0.095    | 2.274 | 0.016     | 0.016     | 0         | 55.9 | 52.9 | 68.4 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 5    | 36     | 40     | 0.427     | -0.098    | 2.274 | 0.016     | 0.016     | 0         | 55.9 | 52.5 | 68.4 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 5    | 46     | 40     | 0.446     | -0.112    | 2.274 | 0.02      | 0.016     | 0         | 56.3 | 52.5 | 67.9 | 166        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 5    | 56     | 40     | 0.423     | -0.098    | 2.274 | 0.016     | 0.016     | 0         | 55.9 | 52.5 | 68.4 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 6    | 6      | 40     | 0.479     | -0.016    | 2.274 | 0.023     | 0.023     | 0         | 55.9 | 52.9 | 67.9 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 6    | 16     | 40     | 0.456     | -0.085    | 2.274 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 68.8 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 6    | 26     | 40     | 0.44      | -0.075    | 2.274 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 68.8 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 6    | 36     | 40     | 0.407     | -0.092    | 2.274 | 0.016     | 0.016     | 0         | 55.9 | 52.9 | 68.4 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 6    | 46     | 40     | 0.463     | -0.085    | 2.274 | 0.016     | 0.016     | 0         | 55.5 | 52.9 | 68.8 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 6    | 56     | 40     | 0.479     | -0.082    | 2.274 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 69.2 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 7    | 6      | 40     | 0.41      | -0.085    | 2.274 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 68.4 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 7    | 16     | 40     | 0.476     | -0.056    | 2.274 | 0.02      | 0.016     | 0         | 55.5 | 52   | 68.8 | 164        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 7    | 26     | 40     | 0.505     | -0.092    | 2.27  | 0.02      | 0.016     | 0         | 55   | 52.5 | 68.8 | 164        | 155        | 0          | 36     | 33     |
| 2009 | 6     | 12  | 7    | 36     | 40     | 0.495     | -0.056    | 2.27  | 0.016     | 0.016     | 0         | 55   | 52   | 68.8 | 163        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 7    | 46     | 40     | 0.443     | -0.056    | 2.27  | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 68.4 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 7    | 56     | 40     | 0.472     | -0.102    | 2.27  | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 68.4 | 164        | 155        | 0          | 35     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 12  | 8    | 6      | 40     | 0.446     | -0.121    | 2.27  | 0.02      | 0.016     | 0         | 55   | 52   | 67.9 | 164        | 155        | 0          | 36     | 34     |
| 2009 | 6     | 12  | 8    | 16     | 40     | 0.489     | -0.108    | 2.27  | 0.02      | 0.016     | 0         | 55.5 | 52   | 68.4 | 164        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 8    | 26     | 40     | 0.463     | -0.059    | 2.27  | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 67.9 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 8    | 36     | 40     | 0.548     | -0.098    | 2.27  | 0.02      | 0.016     | 0         | 55.5 | 52   | 68.4 | 164        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 8    | 46     | 40     | 0.459     | -0.079    | 2.27  | 0.016     | 0.016     | 0         | 55   | 52   | 64.5 | 163        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 8    | 56     | 40     | 0.463     | -0.095    | 2.27  | 0.02      | 0.016     | 0         | 55.9 | 52   | 67.9 | 165        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 9    | 6      | 40     | 0.482     | -0.072    | 2.27  | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 60.6 | 165        | 156        | 0          | 36     | 33     |
| 2009 | 6     | 12  | 9    | 16     | 40     | 0.466     | -0.092    | 2.27  | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 65.4 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 9    | 26     | 40     | 0.463     | -0.108    | 2.27  | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 67.1 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 9    | 36     | 40     | 0.492     | -0.062    | 2.27  | 0.02      | 0.016     | 0         | 55.5 | 52   | 66.7 | 164        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 9    | 46     | 40     | 0.466     | -0.082    | 2.27  | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 66.7 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 9    | 56     | 40     | 0.479     | -0.085    | 2.27  | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 66.7 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 10   | 6      | 40     | 0.476     | -0.079    | 2.27  | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 66.7 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 10   | 16     | 40     | 0.472     | -0.069    | 2.27  | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 65.8 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 10   | 26     | 40     | 0.476     | -0.072    | 2.267 | 0.023     | 0.02      | 0         | 55   | 52.9 | 66.2 | 164        | 156        | 0          | 36     | 33     |
| 2009 | 6     | 12  | 10   | 36     | 40     | 0.446     | -0.059    | 2.267 | 0.023     | 0.023     | 0         | 55.9 | 52.9 | 65.8 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 10   | 46     | 40     | 0.486     | -0.095    | 2.264 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 52.9 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 10   | 56     | 40     | 0.469     | -0.069    | 2.264 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 55.5 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 11   | 6      | 40     | 0.476     | -0.112    | 2.264 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 50.3 | 165        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 11   | 16     | 40     | 0.44      | -0.043    | 2.267 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 61.9 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 11   | 26     | 40     | 0.469     | -0.052    | 2.257 | 0.023     | 0.02      | 0         | 55.9 | 52.5 | 46   | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 11   | 36     | 40     | 0.486     | -0.059    | 2.264 | 0.016     | 0.016     | 0         | 55.9 | 52.9 | 62.4 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 11   | 46     | 40     | 0.466     | -0.069    | 2.26  | 0.016     | 0.016     | 0         | 56.3 | 52.9 | 46.9 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 11   | 56     | 40     | 0.463     | -0.049    | 2.26  | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 47.7 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 12   | 6      | 40     | 0.489     | -0.033    | 2.26  | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 45.6 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 12   | 16     | 40     | 0.509     | -0.049    | 2.26  | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 47.7 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 12   | 26     | 40     | 0.479     | -0.098    | 2.257 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 46   | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 12   | 36     | 40     | 0.492     | -0.033    | 2.257 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 46.4 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 12   | 46     | 40     | 0.463     | -0.075    | 2.257 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 47.7 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 12   | 56     | 40     | 0.476     | -0.085    | 2.257 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 48.2 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 13   | 6      | 40     | 0.472     | -0.072    | 2.257 | 0.016     | 0.016     | 0         | 55.9 | 52.9 | 46.4 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 13   | 16     | 40     | 0.472     | -0.089    | 2.257 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 46.4 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 13   | 26     | 40     | 0.453     | -0.075    | 2.257 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 48.6 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 13   | 36     | 40     | 0.456     | -0.079    | 2.257 | 0.023     | 0.023     | 0         | 55.9 | 53.3 | 48.2 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 13   | 46     | 40     | 0.469     | -0.092    | 2.257 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 46.4 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 13   | 56     | 40     | 0.427     | -0.085    | 2.257 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 43.4 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 14   | 6      | 40     | 0.453     | -0.089    | 2.254 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 47.3 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 14   | 16     | 40     | 0.479     | -0.069    | 2.257 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 45.2 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 14   | 26     | 40     | 0.44      | -0.085    | 2.257 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 46.4 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 14   | 36     | 40     | 0.459     | -0.098    | 2.257 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 44.7 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 14   | 46     | 40     | 0.509     | -0.072    | 2.254 | 0.016     | 0.016     | 0         | 55.9 | 52.9 | 46.4 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 14   | 56     | 40     | 0.436     | -0.036    | 2.257 | 0.023     | 0.02      | 0         | 55.9 | 53.3 | 47.3 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 15   | 6      | 40     | 0.387     | -0.089    | 2.254 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 46.9 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 15   | 16     | 40     | 0.443     | -0.039    | 2.254 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 46.9 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 15   | 26     | 40     | 0.476     | -0.069    | 2.254 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 44.3 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 15   | 36     | 40     | 0.436     | -0.075    | 2.254 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 48.6 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 15   | 46     | 40     | 0.459     | -0.069    | 2.254 | 0.02      | 0.016     | 0         | 56.3 | 52.5 | 46.9 | 165        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 15   | 56     | 40     | 0.482     | -0.046    | 2.254 | 0.016     | 0.016     | 0         | 56.8 | 53.3 | 47.3 | 166        | 157        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 12  | 16   | 6      | 40     | 0.476     | -0.095    | 2.254 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 48.2 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 16   | 16     | 40     | 0.482     | -0.056    | 2.254 | 0.02      | 0.016     | 0         | 56.8 | 52.9 | 48.2 | 166        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 16   | 26     | 40     | 0.449     | -0.105    | 2.254 | 0.02      | 0.016     | 0         | 51.6 | 52.5 | 49   | 156        | 155        | 0          | 36     | 33     |
| 2009 | 6     | 12  | 16   | 36     | 40     | 0.466     | -0.069    | 2.251 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 46.9 | 166        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 12  | 16   | 46     | 40     | 0.42      | -0.085    | 2.254 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 47.7 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 16   | 56     | 40     | 0.42      | -0.089    | 2.251 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 47.3 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 17   | 6      | 40     | 0.492     | -0.079    | 2.251 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 47.7 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 17   | 16     | 40     | 0.459     | -0.036    | 2.254 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 48.2 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 17   | 26     | 40     | 0.472     | -0.046    | 2.251 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 44.3 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 17   | 36     | 40     | 0.436     | -0.075    | 2.251 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 46.9 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 17   | 46     | 40     | 0.453     | -0.075    | 2.251 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 46   | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 17   | 56     | 40     | 0.459     | -0.102    | 2.251 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 48.2 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 18   | 6      | 40     | 0.502     | -0.075    | 2.251 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 46.9 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 18   | 16     | 40     | 0.449     | -0.049    | 2.251 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 48.2 | 165        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 18   | 26     | 40     | 0.466     | -0.118    | 2.247 | 0.016     | 0.016     | 0         | 55.9 | 52.9 | 48.6 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 18   | 36     | 40     | 0.489     | -0.056    | 2.247 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 47.7 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 18   | 46     | 40     | 0.476     | -0.082    | 2.247 | 0.02      | 0.016     | 0         | 56.3 | 52.5 | 46.9 | 165        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 18   | 56     | 40     | 0.43      | -0.066    | 2.247 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 49   | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 19   | 6      | 40     | 0.436     | -0.075    | 2.247 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 55.5 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 19   | 16     | 40     | 0.436     | -0.059    | 2.247 | 0.023     | 0.02      | 0         | 56.3 | 52.9 | 51.2 | 165        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 19   | 26     | 40     | 0.505     | -0.085    | 2.247 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 49.9 | 165        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 12  | 19   | 36     | 40     | 0.42      | -0.072    | 2.247 | 0.023     | 0.023     | 0         | 56.3 | 53.3 | 50.3 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 19   | 46     | 40     | 0.469     | -0.033    | 2.247 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 49.9 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 19   | 56     | 40     | 0.502     | -0.052    | 2.247 | 0.016     | 0.016     | 0         | 55.9 | 52.9 | 51.2 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 20   | 6      | 40     | 0.446     | -0.033    | 2.247 | 0.023     | 0.02      | 0         | 55.9 | 52.9 | 52   | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 20   | 16     | 40     | 0.502     | -0.085    | 2.247 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 56.3 | 165        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 20   | 26     | 40     | 0.509     | -0.079    | 2.247 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 56.8 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 20   | 36     | 40     | 0.456     | -0.049    | 2.247 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 53.3 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 20   | 46     | 40     | 0.518     | -0.069    | 2.247 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 51.6 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 20   | 56     | 40     | 0.479     | -0.066    | 2.247 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 50.3 | 165        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 21   | 6      | 40     | 0.469     | -0.085    | 2.247 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 49.5 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 21   | 16     | 40     | 0.466     | -0.089    | 2.247 | 0.016     | 0.016     | 0         | 55.5 | 52.9 | 58   | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 21   | 26     | 40     | 0.476     | -0.089    | 2.247 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 49.5 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 21   | 36     | 40     | 0.466     | -0.085    | 2.247 | 0.023     | 0.02      | 0         | 55.9 | 52.9 | 47.3 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 21   | 46     | 40     | 0.449     | -0.062    | 2.251 | 0.023     | 0.02      | 0         | 56.3 | 52.9 | 46.9 | 165        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 21   | 56     | 40     | 0.453     | -0.075    | 2.247 | 0.02      | 0.016     | 0         | 56.3 | 52.5 | 49.5 | 165        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 12  | 22   | 6      | 40     | 0.469     | -0.082    | 2.247 | 0.016     | 0.016     | 0         | 55.9 | 53.3 | 52.5 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 22   | 16     | 40     | 0.42      | -0.102    | 2.247 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 64.9 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 22   | 26     | 40     | 0.446     | -0.066    | 2.247 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 58   | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 22   | 36     | 40     | 0.463     | -0.075    | 2.247 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 59.3 | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 22   | 46     | 40     | 0.486     | -0.066    | 2.247 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 58.9 | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 22   | 56     | 40     | 0.453     | -0.062    | 2.251 | 0.026     | 0.023     | 0         | 55.5 | 52.9 | 64.9 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 23   | 6      | 40     | 0.518     | -0.059    | 2.247 | 0.023     | 0.02      | 0         | 55.9 | 52.9 | 56.3 | 164        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 12  | 23   | 16     | 40     | 0.486     | -0.105    | 2.247 | 0.02      | 0.016     | 0         | 55   | 52.5 | 63.6 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 23   | 26     | 40     | 0.486     | -0.066    | 2.247 | 0.016     | 0.016     | 0         | 55.5 | 52.9 | 52.5 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 23   | 36     | 40     | 0.476     | -0.079    | 2.247 | 0.02      | 0.016     | 0         | 55.5 | 52   | 65.4 | 164        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 12  | 23   | 46     | 40     | 0.44      | -0.069    | 2.247 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 56.3 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 12  | 23   | 56     | 40     | 0.495     | -0.082    | 2.247 | 0.016     | 0.016     | 0         | 55.9 | 52.9 | 50.3 | 165        | 156        | 0          | 35     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 13  | 0    | 6      | 40     | 0.456     | -0.043    | 2.247 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 55.5 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 0    | 16     | 40     | 0.436     | -0.052    | 2.247 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 66.7 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 0    | 26     | 40     | 0.449     | -0.089    | 2.247 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 65.8 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 0    | 36     | 40     | 0.456     | -0.066    | 2.247 | 0.02      | 0.016     | 0         | 55.5 | 52   | 65.4 | 164        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 0    | 46     | 40     | 0.495     | -0.098    | 2.247 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 66.2 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 0    | 56     | 40     | 0.479     | -0.066    | 2.247 | 0.02      | 0.016     | 0         | 55.5 | 52   | 65.4 | 164        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 1    | 6      | 40     | 0.528     | -0.075    | 2.247 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 65.8 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 1    | 16     | 40     | 0.449     | -0.092    | 2.247 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 64.9 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 1    | 26     | 40     | 0.515     | -0.066    | 2.247 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 65.8 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 1    | 36     | 40     | 0.449     | -0.098    | 2.251 | 0.016     | 0.016     | 0         | 55.9 | 52.5 | 65.4 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 1    | 46     | 40     | 0.469     | -0.072    | 2.251 | 0.02      | 0.016     | 0         | 55.5 | 52   | 65.8 | 164        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 1    | 56     | 40     | 0.492     | -0.072    | 2.247 | 0.016     | 0.016     | 0         | 55.9 | 52.5 | 64.9 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 2    | 6      | 40     | 0.466     | -0.085    | 2.251 | 0.023     | 0.02      | 0         | 55.9 | 52.5 | 65.4 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 2    | 16     | 40     | 0.39      | -0.085    | 2.247 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 65.4 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 2    | 26     | 40     | 0.463     | -0.049    | 2.247 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 64.9 | 164        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 2    | 36     | 40     | 0.466     | -0.066    | 2.247 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 64.9 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 2    | 46     | 40     | 0.476     | -0.056    | 2.247 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 65.4 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 2    | 56     | 40     | 0.417     | -0.102    | 2.247 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 64.9 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 3    | 6      | 40     | 0.43      | -0.066    | 2.247 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 64.9 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 3    | 16     | 40     | 0.433     | -0.066    | 2.247 | 0.02      | 0.016     | 0         | 55.9 | 52   | 64.9 | 165        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 3    | 26     | 40     | 0.453     | -0.062    | 2.247 | 0.02      | 0.016     | 0         | 55.5 | 52   | 64.5 | 164        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 3    | 36     | 40     | 0.482     | -0.072    | 2.247 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 65.4 | 165        | 156        | 0          | 36     | 34     |
| 2009 | 6     | 13  | 3    | 46     | 40     | 0.486     | -0.082    | 2.247 | 0.02      | 0.016     | 0         | 55.5 | 52   | 64.9 | 164        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 3    | 56     | 40     | 0.446     | -0.092    | 2.247 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 64.1 | 165        | 155        | 0          | 36     | 33     |
| 2009 | 6     | 13  | 4    | 6      | 40     | 0.472     | -0.069    | 2.247 | 0.016     | 0.016     | 0         | 55.5 | 52.9 | 64.1 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 4    | 16     | 40     | 0.476     | -0.03     | 2.247 | 0.02      | 0.016     | 0         | 55   | 52.9 | 64.9 | 164        | 156        | 0          | 36     | 33     |
| 2009 | 6     | 13  | 4    | 26     | 40     | 0.466     | -0.079    | 2.247 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 64.9 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 4    | 36     | 40     | 0.466     | -0.079    | 2.247 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 64.9 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 4    | 46     | 40     | 0.463     | -0.098    | 2.247 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 64.1 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 4    | 56     | 40     | 0.433     | -0.043    | 2.247 | 0.02      | 0.016     | 0         | 55.5 | 52   | 64.5 | 164        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 5    | 6      | 40     | 0.495     | -0.079    | 2.247 | 0.016     | 0.016     | 0         | 55.9 | 52.9 | 64.5 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 5    | 16     | 40     | 0.436     | -0.062    | 2.247 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 64.1 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 5    | 26     | 40     | 0.433     | -0.075    | 2.247 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 64.1 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 5    | 36     | 40     | 0.449     | -0.066    | 2.247 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 64.9 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 5    | 46     | 40     | 0.42      | -0.095    | 2.247 | 0.023     | 0.02      | 0         | 55.9 | 52.9 | 64.9 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 5    | 56     | 40     | 0.492     | -0.062    | 2.247 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 64.9 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 6    | 6      | 40     | 0.433     | -0.098    | 2.247 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 65.4 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 6    | 16     | 40     | 0.469     | -0.072    | 2.247 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 64.5 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 6    | 26     | 40     | 0.561     | -0.069    | 2.247 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 65.4 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 6    | 36     | 40     | 0.489     | -0.052    | 2.247 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 65.8 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 6    | 46     | 40     | 0.466     | -0.066    | 2.247 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 65.4 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 6    | 56     | 40     | 0.43      | -0.062    | 2.247 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 65.4 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 7    | 6      | 40     | 0.43      | -0.052    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 64.9 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 7    | 16     | 40     | 0.433     | -0.043    | 2.244 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 65.4 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 7    | 26     | 40     | 0.466     | -0.092    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 65.4 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 7    | 36     | 40     | 0.443     | -0.079    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 65.4 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 7    | 46     | 40     | 0.482     | -0.115    | 2.244 | 0.016     | 0.016     | 0         | 55.5 | 52.9 | 65.8 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 7    | 56     | 40     | 0.469     | -0.072    | 2.244 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 65.8 | 164        | 156        | 0          | 35     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 13  | 8    | 6      | 40     | 0.413     | -0.066    | 2.244 | 0.023     | 0.02      | 0         | 56.3 | 53.3 | 65.4 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 8    | 16     | 40     | 0.463     | -0.069    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 66.2 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 8    | 26     | 40     | 0.44      | -0.118    | 2.244 | 0.023     | 0.02      | 0         | 55.9 | 52.5 | 66.2 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 8    | 36     | 40     | 0.456     | -0.085    | 2.244 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 66.2 | 164        | 155        | 0          | 35     | 32     |
| 2009 | 6     | 13  | 8    | 46     | 40     | 0.476     | -0.039    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 66.7 | 165        | 155        | 0          | 35     | 32     |
| 2009 | 6     | 13  | 8    | 56     | 40     | 0.436     | -0.095    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 66.7 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 9    | 6      | 40     | 0.515     | -0.125    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 66.7 | 164        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 9    | 16     | 40     | 0.476     | -0.079    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 67.5 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 9    | 26     | 40     | 0.495     | -0.049    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 66.7 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 9    | 36     | 40     | 0.43      | -0.092    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 67.5 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 9    | 46     | 40     | 0.463     | -0.102    | 2.244 | 0.016     | 0.016     | 0         | 55.9 | 52.9 | 67.1 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 9    | 56     | 40     | 0.469     | -0.089    | 2.241 | 0.016     | 0.016     | 0         | 55.9 | 53.3 | 67.1 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 10   | 6      | 40     | 0.443     | -0.089    | 2.244 | 0.016     | 0.016     | 0         | 55.9 | 53.3 | 66.7 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 10   | 16     | 40     | 0.449     | -0.072    | 2.241 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 66.7 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 10   | 26     | 40     | 0.482     | -0.112    | 2.241 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 67.1 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 10   | 36     | 40     | 0.469     | -0.131    | 2.241 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 67.5 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 10   | 46     | 40     | 0.495     | -0.049    | 2.241 | 0.023     | 0.023     | 0         | 55.9 | 53.3 | 63.2 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 10   | 56     | 40     | 0.486     | -0.105    | 2.241 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 67.5 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 11   | 6      | 40     | 0.486     | -0.105    | 2.241 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 55   | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 11   | 16     | 40     | 0.479     | -0.052    | 2.241 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 62.4 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 11   | 26     | 40     | 0.433     | -0.082    | 2.241 | 0.016     | 0.016     | 0         | 55.9 | 52.5 | 62.8 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 11   | 36     | 40     | 0.453     | -0.079    | 2.241 | 0.023     | 0.02      | 0         | 55.9 | 52.9 | 67.1 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 11   | 46     | 40     | 0.482     | -0.062    | 2.241 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 68.4 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 11   | 56     | 40     | 0.499     | -0.066    | 2.241 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 63.6 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 12   | 6      | 40     | 0.476     | -0.079    | 2.241 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 61.5 | 165        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 12   | 16     | 40     | 0.492     | -0.079    | 2.241 | 0.016     | 0.016     | 0         | 55.9 | 52.5 | 68.8 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 12   | 26     | 40     | 0.44      | -0.046    | 2.241 | 0.023     | 0.02      | 0         | 55.9 | 53.3 | 55   | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 12   | 36     | 40     | 0.436     | -0.043    | 2.241 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 50.7 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 12   | 46     | 40     | 0.499     | -0.069    | 2.241 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 48.6 | 164        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 12   | 56     | 40     | 0.446     | -0.059    | 2.241 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 48.6 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 13   | 6      | 40     | 0.463     | -0.069    | 2.241 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 50.3 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 13   | 16     | 40     | 0.449     | -0.062    | 2.241 | 0.016     | 0.016     | 0         | 55.5 | 52.9 | 61.9 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 13   | 26     | 40     | 0.509     | -0.112    | 2.241 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 67.5 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 13   | 36     | 40     | 0.489     | -0.069    | 2.238 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 57.2 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 13   | 46     | 40     | 0.466     | -0.079    | 2.241 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 67.1 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 13   | 56     | 40     | 0.44      | -0.082    | 2.241 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 61.5 | 165        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 13  | 14   | 6      | 40     | 0.44      | -0.059    | 2.241 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 60.6 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 14   | 16     | 40     | 0.482     | -0.046    | 2.238 | 0.016     | 0.016     | 0         | 55.9 | 52.9 | 46.9 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 14   | 26     | 40     | 0.44      | -0.052    | 2.238 | 0.023     | 0.02      | 0         | 56.3 | 53.8 | 53.8 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 14   | 36     | 40     | 0.44      | -0.059    | 2.234 | 0.016     | 0.016     | 0         | 56.8 | 54.2 | 50.3 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 14   | 46     | 40     | 0.479     | -0.066    | 2.238 | 0.02      | 0.016     | 0         | 58.5 | 55.5 | 51.2 | 171        | 162        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 14   | 56     | 40     | 0.423     | -0.007    | 2.241 | 0.02      | 0.016     | 0         | 59.3 | 56.3 | 64.9 | 172        | 163        | 0          | 34     | 32     |
| 2009 | 6     | 13  | 15   | 6      | 40     | 0.476     | -0.013    | 2.234 | 0.02      | 0.016     | 0         | 57.6 | 54.6 | 45.6 | 169        | 161        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 15   | 16     | 40     | 0.423     | -0.033    | 2.234 | 0.02      | 0.016     | 0         | 57.6 | 54.2 | 45.6 | 168        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 15   | 26     | 40     | 0.463     | -0.01     | 2.238 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 49.9 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 15   | 36     | 40     | 0.466     | -0.072    | 2.238 | 0.016     | 0.016     | 0         | 56.8 | 54.6 | 46.4 | 167        | 159        | 0          | 35     | 32     |
| 2009 | 6     | 13  | 15   | 46     | 40     | 0.446     | -0.059    | 2.234 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 49   | 167        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 15   | 56     | 40     | 0.433     | -0.085    | 2.234 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 43.9 | 166        | 158        | 0          | 35     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 13  | 16   | 6      | 40     | 0.459     | -0.098    | 2.238 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 55.5 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 16   | 16     | 40     | 0.463     | -0.049    | 2.234 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 46   | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 16   | 26     | 40     | 0.417     | -0.062    | 2.234 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 49   | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 16   | 36     | 40     | 0.449     | -0.056    | 2.234 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 51.2 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 16   | 46     | 40     | 0.427     | -0.062    | 2.238 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 53.8 | 165        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 13  | 16   | 56     | 40     | 0.446     | -0.082    | 2.238 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 66.7 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 17   | 6      | 40     | 0.495     | -0.098    | 2.234 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 53.3 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 17   | 16     | 40     | 0.469     | -0.075    | 2.238 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 59.3 | 165        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 13  | 17   | 26     | 40     | 0.44      | -0.033    | 2.238 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 62.4 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 17   | 36     | 40     | 0.43      | -0.066    | 2.238 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 67.5 | 165        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 17   | 46     | 40     | 0.453     | -0.049    | 2.234 | 0.016     | 0.016     | 0         | 56.3 | 53.8 | 49.5 | 165        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 13  | 17   | 56     | 40     | 0.469     | -0.098    | 2.238 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 66.7 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 18   | 6      | 40     | 0.43      | -0.066    | 2.238 | 0.023     | 0.02      | 0         | 55.9 | 53.8 | 67.5 | 165        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 13  | 18   | 16     | 40     | 0.476     | -0.062    | 2.238 | 0.016     | 0.016     | 0         | 55.9 | 52.5 | 67.9 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 18   | 26     | 40     | 0.482     | -0.118    | 2.238 | 0.023     | 0.02      | 0         | 55.9 | 52.9 | 68.4 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 18   | 36     | 40     | 0.463     | -0.066    | 2.238 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 67.5 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 18   | 46     | 40     | 0.502     | -0.049    | 2.238 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 67.1 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 18   | 56     | 40     | 0.469     | -0.102    | 2.238 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 67.1 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 19   | 6      | 40     | 0.394     | -0.089    | 2.238 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 67.5 | 165        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 13  | 19   | 16     | 40     | 0.459     | -0.102    | 2.238 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 67.9 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 19   | 26     | 40     | 0.459     | -0.049    | 2.238 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.1 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 19   | 36     | 40     | 0.453     | -0.043    | 2.238 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 61.5 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 19   | 46     | 40     | 0.522     | -0.085    | 2.234 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 49.9 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 19   | 56     | 40     | 0.42      | -0.043    | 2.234 | 0.016     | 0.016     | 0         | 56.3 | 53.8 | 53.3 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 20   | 6      | 40     | 0.42      | -0.069    | 2.234 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 52.9 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 20   | 16     | 40     | 0.436     | -0.066    | 2.234 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 49   | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 20   | 26     | 40     | 0.476     | -0.079    | 2.238 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 65.8 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 20   | 36     | 40     | 0.479     | -0.069    | 2.234 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 55   | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 20   | 46     | 40     | 0.459     | -0.056    | 2.234 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 54.6 | 166        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 20   | 56     | 40     | 0.495     | -0.092    | 2.234 | 0.023     | 0.02      | 0         | 56.3 | 53.3 | 55.5 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 21   | 6      | 40     | 0.423     | -0.056    | 2.234 | 0.016     | 0.016     | 0         | 56.8 | 53.3 | 60.6 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 21   | 16     | 40     | 0.463     | -0.059    | 2.234 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 61.9 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 21   | 26     | 40     | 0.472     | -0.069    | 2.234 | 0.02      | 0.016     | 0         | 56.8 | 52.9 | 55.9 | 167        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 21   | 36     | 40     | 0.4       | -0.085    | 2.234 | 0.016     | 0.016     | 0         | 56.8 | 52.9 | 59.8 | 167        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 13  | 21   | 46     | 40     | 0.39      | -0.059    | 2.234 | 0.016     | 0.016     | 0         | 56.8 | 53.3 | 55   | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 21   | 56     | 40     | 0.42      | -0.072    | 2.234 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 62.8 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 22   | 6      | 40     | 0.443     | -0.072    | 2.234 | 0.016     | 0.016     | 0         | 56.3 | 52.9 | 58.5 | 166        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 22   | 16     | 40     | 0.41      | -0.056    | 2.234 | 0.02      | 0.016     | 0         | 56.8 | 52.9 | 51.6 | 166        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 13  | 22   | 26     | 40     | 0.443     | -0.085    | 2.234 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 52.9 | 165        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 13  | 22   | 36     | 40     | 0.436     | -0.108    | 2.234 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 58.5 | 166        | 156        | 0          | 35     | 32     |
| 2009 | 6     | 13  | 22   | 46     | 40     | 0.453     | -0.072    | 2.234 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 56.3 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 22   | 56     | 40     | 0.463     | -0.092    | 2.234 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 67.9 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 23   | 6      | 40     | 0.469     | -0.059    | 2.234 | 0.023     | 0.02      | 0         | 56.3 | 53.3 | 66.2 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 23   | 16     | 40     | 0.489     | -0.118    | 2.234 | 0.02      | 0.016     | 0         | 56.8 | 52.9 | 67.1 | 166        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 13  | 23   | 26     | 40     | 0.456     | -0.075    | 2.234 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 65.8 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 23   | 36     | 40     | 0.397     | -0.026    | 2.234 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 67.1 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 23   | 46     | 40     | 0.436     | -0.079    | 2.234 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 64.5 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 13  | 23   | 56     | 40     | 0.423     | -0.049    | 2.234 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 67.1 | 165        | 156        | 0          | 35     | 33     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 14  | 0    | 6      | 40     | 0.463     | -0.125    | 2.234 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 62.8 | 164        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 0    | 16     | 40     | 0.495     | -0.049    | 2.234 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 67.5 | 165        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 0    | 26     | 40     | 0.413     | -0.108    | 2.234 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 61.5 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 0    | 36     | 40     | 0.387     | -0.066    | 2.234 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 65.8 | 165        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 0    | 46     | 40     | 0.446     | -0.059    | 2.234 | 0.02      | 0.016     | 0         | 55.5 | 52   | 67.9 | 164        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 0    | 56     | 40     | 0.42      | -0.072    | 2.234 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 67.9 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 1    | 6      | 40     | 0.413     | -0.052    | 2.234 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 67.9 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 1    | 16     | 40     | 0.413     | -0.085    | 2.234 | 0.02      | 0.016     | 0         | 55.9 | 52   | 67.9 | 164        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 1    | 26     | 40     | 0.453     | -0.056    | 2.234 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 67.9 | 165        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 1    | 36     | 40     | 0.427     | -0.072    | 2.234 | 0.02      | 0.016     | 0         | 55.9 | 52   | 67.1 | 165        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 1    | 46     | 40     | 0.404     | -0.072    | 2.234 | 0.026     | 0.023     | 0         | 55.9 | 52.5 | 67.1 | 165        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 1    | 56     | 40     | 0.443     | -0.085    | 2.231 | 0.023     | 0.02      | 0         | 55.9 | 52.5 | 67.5 | 165        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 2    | 6      | 40     | 0.407     | -0.059    | 2.234 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 67.9 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 2    | 16     | 40     | 0.4       | -0.085    | 2.234 | 0.02      | 0.016     | 0         | 55.9 | 52   | 67.9 | 165        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 2    | 26     | 40     | 0.43      | -0.066    | 2.231 | 0.02      | 0.016     | 0         | 56.3 | 52.5 | 68.4 | 165        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 2    | 36     | 40     | 0.43      | -0.066    | 2.231 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 67.9 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 2    | 46     | 40     | 0.466     | -0.079    | 2.231 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 68.8 | 165        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 2    | 56     | 40     | 0.466     | -0.046    | 2.231 | 0.02      | 0.016     | 0         | 55.9 | 52   | 68.8 | 165        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 3    | 6      | 40     | 0.466     | -0.079    | 2.231 | 0.02      | 0.016     | 0         | 55.9 | 52   | 68.4 | 165        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 3    | 16     | 40     | 0.446     | -0.046    | 2.231 | 0.02      | 0.016     | 0         | 55.9 | 52   | 68.8 | 165        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 3    | 26     | 40     | 0.479     | -0.098    | 2.231 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 68.4 | 165        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 3    | 36     | 40     | 0.482     | -0.056    | 2.231 | 0.016     | 0.016     | 0         | 55.5 | 52.9 | 68.4 | 165        | 156        | 0          | 36     | 33     |
| 2009 | 6     | 14  | 3    | 46     | 40     | 0.417     | -0.085    | 2.231 | 0.023     | 0.02      | 0         | 56.8 | 53.3 | 67.9 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 3    | 56     | 40     | 0.453     | -0.095    | 2.231 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 69.2 | 166        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 4    | 6      | 40     | 0.453     | -0.066    | 2.231 | 0.02      | 0.016     | 0         | 56.3 | 52.5 | 69.7 | 165        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 4    | 16     | 40     | 0.397     | 0         | 2.234 | 0.02      | 0.016     | 0         | 56.3 | 36.1 | 71.4 | 166        | 118        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 4    | 26     | 40     | 0.469     | -0.085    | 2.234 | 0.02      | 0.016     | 0         | 52.5 | 52.9 | 69.7 | 157        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 4    | 36     | 40     | 0.463     | -0.056    | 2.231 | 0.016     | 0.016     | 0         | 56.3 | 52.9 | 68.4 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 4    | 46     | 40     | 0.476     | -0.066    | 2.231 | 0.023     | 0.02      | 0         | 55.9 | 52.5 | 69.7 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 4    | 56     | 40     | 0.44      | -0.075    | 2.231 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 69.2 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 5    | 6      | 40     | 0.463     | -0.069    | 2.231 | 0.023     | 0.02      | 0         | 56.3 | 52.9 | 69.2 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 5    | 16     | 40     | 0.469     | -0.089    | 2.231 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.4 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 5    | 26     | 40     | 0.456     | -0.066    | 2.231 | 0.02      | 0.016     | 0         | 55.9 | 51.6 | 69.7 | 165        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 5    | 36     | 40     | 0.512     | -0.036    | 2.231 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 68.8 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 5    | 46     | 40     | 0.476     | -0.082    | 2.231 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.4 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 5    | 56     | 40     | 0.486     | -0.082    | 2.231 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 67.5 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 6    | 6      | 40     | 0.476     | -0.102    | 2.231 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 67.9 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 6    | 16     | 40     | 0.43      | -0.046    | 2.231 | 0.016     | 0.016     | 0         | 56.3 | 52.9 | 66.7 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 6    | 26     | 40     | 0.463     | -0.033    | 2.231 | 0.016     | 0.013     | 0         | 55.9 | 52.9 | 67.5 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 6    | 36     | 40     | 0.453     | -0.079    | 2.228 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 67.9 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 6    | 46     | 40     | 0.482     | -0.066    | 2.231 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 67.9 | 165        | 156        | 0          | 36     | 33     |
| 2009 | 6     | 14  | 6    | 56     | 40     | 0.479     | -0.062    | 2.231 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 67.1 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 7    | 6      | 40     | 0.463     | -0.039    | 2.228 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 66.7 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 7    | 16     | 40     | 0.515     | -0.069    | 2.228 | 0.016     | 0.016     | 0         | 55.5 | 52.9 | 67.1 | 165        | 156        | 0          | 36     | 33     |
| 2009 | 6     | 14  | 7    | 26     | 40     | 0.423     | -0.115    | 2.228 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 65.4 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 7    | 36     | 40     | 0.509     | -0.098    | 2.228 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 67.1 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 7    | 46     | 40     | 0.407     | -0.092    | 2.228 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 67.5 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 7    | 56     | 40     | 0.482     | -0.069    | 2.228 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 67.1 | 166        | 156        | 0          | 36     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 14  | 8    | 6      | 40     | 0.469     | -0.098    | 2.228 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 66.2 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 8    | 16     | 40     | 0.436     | -0.102    | 2.228 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 67.1 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 8    | 26     | 40     | 0.472     | -0.049    | 2.228 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 65.8 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 8    | 36     | 40     | 0.449     | -0.036    | 2.228 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 67.1 | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 8    | 46     | 40     | 0.43      | -0.108    | 2.228 | 0.016     | 0.016     | 0         | 55.9 | 52.9 | 65.8 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 8    | 56     | 40     | 0.423     | -0.026    | 2.228 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 66.7 | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 9    | 6      | 40     | 0.413     | -0.105    | 2.228 | 0.02      | 0.016     | 0         | 55.9 | 52   | 66.7 | 165        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 9    | 16     | 40     | 0.433     | -0.066    | 2.228 | 0.023     | 0.023     | 0         | 56.3 | 52.5 | 65.4 | 165        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 9    | 26     | 40     | 0.43      | -0.089    | 2.224 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 66.2 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 9    | 36     | 40     | 0.495     | -0.112    | 2.224 | 0.02      | 0.016     | 0         | 55   | 52   | 66.2 | 164        | 155        | 0          | 36     | 34     |
| 2009 | 6     | 14  | 9    | 46     | 40     | 0.433     | -0.052    | 2.224 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 65.8 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 9    | 56     | 40     | 0.436     | -0.046    | 2.224 | 0.023     | 0.02      | 0         | 55.9 | 52.5 | 65.4 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 10   | 6      | 40     | 0.436     | -0.079    | 2.221 | 0.023     | 0.02      | 0         | 55.9 | 52.9 | 64.5 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 10   | 16     | 40     | 0.436     | -0.062    | 2.221 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 64.5 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 10   | 26     | 40     | 0.449     | -0.092    | 2.221 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 64.9 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 10   | 36     | 40     | 0.433     | -0.098    | 2.221 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 64.9 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 10   | 46     | 40     | 0.459     | -0.049    | 2.218 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 64.9 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 10   | 56     | 40     | 0.443     | -0.066    | 2.215 | 0.023     | 0.02      | 0         | 56.3 | 52.9 | 61.9 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 11   | 6      | 40     | 0.463     | -0.052    | 2.211 | 0.023     | 0.02      | 0         | 56.8 | 53.8 | 59.8 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 11   | 16     | 40     | 0.463     | -0.069    | 2.211 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 52   | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 11   | 26     | 40     | 0.433     | -0.069    | 2.211 | 0.023     | 0.023     | 0         | 56.3 | 53.8 | 58   | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 11   | 36     | 40     | 0.466     | -0.066    | 2.211 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 51.6 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 11   | 46     | 40     | 0.453     | -0.085    | 2.211 | 0.023     | 0.02      | 0         | 57.2 | 53.8 | 51.2 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 11   | 56     | 40     | 0.456     | -0.026    | 2.211 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 51.2 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 12   | 6      | 40     | 0.466     | -0.095    | 2.211 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 64.1 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 12   | 16     | 40     | 0.502     | -0.043    | 2.211 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 55   | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 12   | 26     | 40     | 0.433     | -0.102    | 2.211 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 56.3 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 12   | 36     | 40     | 0.472     | -0.075    | 2.211 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 53.3 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 12   | 46     | 40     | 0.42      | -0.052    | 2.211 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 60.2 | 166        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 12   | 56     | 40     | 0.4       | -0.102    | 2.211 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 55.9 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 13   | 6      | 40     | 0.423     | -0.066    | 2.211 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 49   | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 13   | 16     | 40     | 0.459     | -0.089    | 2.211 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 50.3 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 13   | 26     | 40     | 0.43      | -0.052    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 55   | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 13   | 36     | 40     | 0.423     | -0.075    | 2.211 | 0.016     | 0.016     | 0         | 56.3 | 53.8 | 65.8 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 13   | 46     | 40     | 0.443     | -0.062    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 50.3 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 13   | 56     | 40     | 0.489     | -0.049    | 2.208 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 52.5 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 14   | 6      | 40     | 0.456     | -0.079    | 2.211 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 47.3 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 14   | 16     | 40     | 0.469     | -0.026    | 2.211 | 0.023     | 0.02      | 0         | 56.3 | 53.8 | 47.3 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 14   | 26     | 40     | 0.515     | -0.069    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 46.9 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 14   | 36     | 40     | 0.413     | -0.108    | 2.211 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 48.2 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 14   | 46     | 40     | 0.433     | -0.046    | 2.208 | 0.016     | 0.016     | 0         | 56.3 | 53.8 | 50.3 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 14   | 56     | 40     | 0.502     | -0.052    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 59.8 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 15   | 6      | 40     | 0.463     | -0.026    | 2.211 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 66.2 | 167        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 14  | 15   | 16     | 40     | 0.446     | -0.026    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 67.9 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 15   | 26     | 40     | 0.39      | -0.069    | 2.208 | 0.026     | 0.023     | 0         | 56.3 | 53.8 | 60.2 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 15   | 36     | 40     | 0.397     | -0.098    | 2.208 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 55.5 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 15   | 46     | 40     | 0.466     | -0.089    | 2.208 | 0.023     | 0.02      | 0         | 56.3 | 53.3 | 59.8 | 165        | 156        | 0          | 34     | 32     |
| 2009 | 6     | 14  | 15   | 56     | 40     | 0.472     | -0.033    | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 48.2 | 166        | 157        | 0          | 35     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 14  | 16   | 6      | 40     | 0.479     | -0.069    | 2.208 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 50.3 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 16   | 16     | 40     | 0.44      | -0.079    | 2.208 | 0.023     | 0.02      | 0         | 56.3 | 53.3 | 46   | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 16   | 26     | 40     | 0.472     | -0.085    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 46.9 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 16   | 36     | 40     | 0.417     | -0.056    | 2.205 | 0.02      | 0.016     | 0         | 56.8 | 52.9 | 46.4 | 166        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 14  | 16   | 46     | 40     | 0.44      | -0.085    | 2.208 | 0.023     | 0.02      | 0         | 56.3 | 54.2 | 50.7 | 166        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 14  | 16   | 56     | 40     | 0.453     | -0.059    | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 47.3 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 17   | 6      | 40     | 0.466     | -0.085    | 2.205 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 48.2 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 17   | 16     | 40     | 0.456     | -0.072    | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 46.4 | 166        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 14  | 17   | 26     | 40     | 0.449     | -0.03     | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 46   | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 17   | 36     | 40     | 0.492     | -0.098    | 2.205 | 0.023     | 0.02      | 0         | 56.3 | 53.3 | 57.6 | 166        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 17   | 46     | 40     | 0.499     | -0.062    | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 50.7 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 17   | 56     | 40     | 0.509     | -0.059    | 2.205 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 48.6 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 18   | 6      | 40     | 0.423     | -0.049    | 2.205 | 0.023     | 0.02      | 0         | 56.8 | 53.8 | 45.6 | 166        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 14  | 18   | 16     | 40     | 0.479     | -0.056    | 2.205 | 0.023     | 0.02      | 0         | 56.3 | 53.3 | 67.9 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 18   | 26     | 40     | 0.463     | -0.082    | 2.205 | 0.023     | 0.02      | 0         | 56.3 | 53.3 | 53.8 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 18   | 36     | 40     | 0.456     | -0.056    | 2.205 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 52.9 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 18   | 46     | 40     | 0.466     | -0.079    | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.8 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 18   | 56     | 40     | 0.443     | -0.095    | 2.205 | 0.023     | 0.023     | 0         | 56.8 | 53.3 | 67.9 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 19   | 6      | 40     | 0.472     | -0.079    | 2.205 | 0.026     | 0.026     | 0         | 55.9 | 53.3 | 61.9 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 19   | 16     | 40     | 0.476     | -0.049    | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 69.7 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 19   | 26     | 40     | 0.489     | -0.072    | 2.205 | 0.016     | 0.016     | 0         | 56.3 | 53.8 | 69.7 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 19   | 36     | 40     | 0.502     | -0.052    | 2.208 | 0.023     | 0.02      | 0         | 56.3 | 54.2 | 67.5 | 166        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 14  | 19   | 46     | 40     | 0.466     | -0.039    | 2.205 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 68.8 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 19   | 56     | 40     | 0.479     | -0.085    | 2.205 | 0.02      | 0.016     | 0         | 56.8 | 54.6 | 67.9 | 167        | 159        | 0          | 35     | 32     |
| 2009 | 6     | 14  | 20   | 6      | 40     | 0.407     | -0.059    | 2.205 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 68.8 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 20   | 16     | 40     | 0.509     | -0.049    | 2.205 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 69.2 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 20   | 26     | 40     | 0.413     | -0.075    | 2.205 | 0.023     | 0.02      | 0         | 56.8 | 53.8 | 68.8 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 20   | 36     | 40     | 0.489     | -0.095    | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 69.7 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 20   | 46     | 40     | 0.44      | -0.066    | 2.205 | 0.023     | 0.02      | 0         | 56.8 | 53.8 | 67.9 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 20   | 56     | 40     | 0.476     | -0.085    | 2.205 | 0.016     | 0.016     | 0         | 56.8 | 54.2 | 68.4 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 21   | 6      | 40     | 0.413     | -0.059    | 2.205 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 68.8 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 21   | 16     | 40     | 0.413     | -0.082    | 2.205 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 68.4 | 167        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 21   | 26     | 40     | 0.459     | -0.085    | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 67.9 | 166        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 14  | 21   | 36     | 40     | 0.443     | -0.03     | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.4 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 21   | 46     | 40     | 0.436     | -0.066    | 2.205 | 0.026     | 0.023     | 0         | 56.3 | 53.8 | 68.8 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 21   | 56     | 40     | 0.423     | -0.089    | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 68.4 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 22   | 6      | 40     | 0.495     | -0.154    | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 68.8 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 22   | 16     | 40     | 0.449     | -0.069    | 2.205 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 68.8 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 22   | 26     | 40     | 0.479     | -0.085    | 2.205 | 0.02      | 0.016     | 0         | 54.2 | 53.3 | 68.8 | 161        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 22   | 36     | 40     | 0.44      | -0.043    | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 68.4 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 22   | 46     | 40     | 0.456     | -0.062    | 2.205 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 68.4 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 22   | 56     | 40     | 0.482     | -0.089    | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.8 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 23   | 6      | 40     | 0.486     | -0.108    | 2.205 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 69.2 | 167        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 23   | 16     | 40     | 0.486     | -0.059    | 2.205 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 69.2 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 14  | 23   | 26     | 40     | 0.463     | -0.043    | 2.205 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 68.8 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 23   | 36     | 40     | 0.453     | -0.079    | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 68.4 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 14  | 23   | 46     | 40     | 0.453     | -0.115    | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.8 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 14  | 23   | 56     | 40     | 0.453     | -0.062    | 2.205 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 67.1 | 165        | 157        | 0          | 35     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 15  | 0    | 6      | 40     | 0.456     | -0.115    | 2.205 | 0.016     | 0.016     | 0         | 56.8 | 52.9 | 67.5 | 166        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 0    | 16     | 40     | 0.459     | -0.046    | 2.205 | 0.016     | 0.016     | 0         | 55.9 | 53.8 | 69.2 | 164        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 15  | 0    | 26     | 40     | 0.453     | -0.085    | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.8 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 0    | 36     | 40     | 0.404     | -0.085    | 2.205 | 0.023     | 0.02      | 0         | 56.3 | 52.9 | 68.8 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 0    | 46     | 40     | 0.486     | -0.125    | 2.205 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 68.4 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 0    | 56     | 40     | 0.459     | -0.056    | 2.205 | 0.016     | 0.016     | 0         | 56.3 | 52.9 | 68.4 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 1    | 6      | 40     | 0.43      | -0.075    | 2.205 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 67.9 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 1    | 16     | 40     | 0.427     | -0.105    | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.9 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 1    | 26     | 40     | 0.449     | -0.066    | 2.205 | 0.023     | 0.02      | 0         | 56.3 | 52.9 | 67.9 | 165        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 1    | 36     | 40     | 0.492     | -0.062    | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.4 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 1    | 46     | 40     | 0.466     | -0.095    | 2.205 | 0.023     | 0.02      | 0         | 56.3 | 52.9 | 68.8 | 166        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 1    | 56     | 40     | 0.4       | -0.072    | 2.205 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 67.9 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 2    | 6      | 40     | 0.453     | -0.082    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 68.4 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 2    | 16     | 40     | 0.446     | -0.082    | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.4 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 2    | 26     | 40     | 0.509     | -0.062    | 2.205 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 67.5 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 2    | 36     | 40     | 0.479     | -0.075    | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 68.4 | 166        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 2    | 46     | 40     | 0.433     | -0.125    | 2.208 | 0.02      | 0.016     | 0         | 53.3 | 53.3 | 65.8 | 159        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 2    | 56     | 40     | 0.456     | -0.066    | 2.205 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 67.5 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 3    | 6      | 40     | 0.456     | -0.125    | 2.205 | 0.023     | 0.02      | 0         | 57.2 | 53.8 | 67.1 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 3    | 16     | 40     | 0.436     | -0.046    | 2.205 | 0.023     | 0.02      | 0         | 56.3 | 53.3 | 66.7 | 167        | 157        | 0          | 36     | 33     |
| 2009 | 6     | 15  | 3    | 26     | 40     | 0.446     | -0.059    | 2.205 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 67.1 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 3    | 36     | 40     | 0.495     | -0.069    | 2.205 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 67.1 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 3    | 46     | 40     | 0.417     | -0.049    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 52.9 | 67.9 | 167        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 3    | 56     | 40     | 0.436     | -0.052    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.5 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 4    | 6      | 40     | 0.459     | -0.085    | 2.208 | 0.023     | 0.02      | 0         | 56.3 | 53.3 | 67.9 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 4    | 16     | 40     | 0.4       | -0.082    | 2.208 | 0.026     | 0.026     | 0         | 56.8 | 53.8 | 67.1 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 4    | 26     | 40     | 0.449     | -0.102    | 2.208 | 0.023     | 0.02      | 0         | 56.8 | 53.8 | 66.7 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 4    | 36     | 40     | 0.463     | -0.069    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.5 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 4    | 46     | 40     | 0.466     | -0.052    | 2.208 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 66.2 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 4    | 56     | 40     | 0.456     | -0.082    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.1 | 166        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 5    | 6      | 40     | 0.44      | -0.069    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 66.7 | 167        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 5    | 16     | 40     | 0.449     | -0.069    | 2.205 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 66.7 | 167        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 5    | 26     | 40     | 0.466     | -0.072    | 2.208 | 0.016     | 0.016     | 0         | 56.3 | 53.8 | 66.7 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 5    | 36     | 40     | 0.466     | -0.085    | 2.208 | 0.023     | 0.023     | 0         | 56.3 | 53.3 | 67.1 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 5    | 46     | 40     | 0.446     | -0.075    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 66.7 | 167        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 5    | 56     | 40     | 0.515     | -0.072    | 2.208 | 0.023     | 0.02      | 0         | 56.3 | 53.3 | 66.2 | 166        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 6    | 6      | 40     | 0.433     | -0.066    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 66.7 | 166        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 6    | 16     | 40     | 0.423     | -0.069    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 67.1 | 167        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 6    | 26     | 40     | 0.495     | -0.082    | 2.208 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 66.7 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 6    | 36     | 40     | 0.449     | -0.069    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 66.2 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 6    | 46     | 40     | 0.453     | -0.039    | 2.208 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 65.8 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 6    | 56     | 40     | 0.446     | -0.079    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 66.2 | 165        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 7    | 6      | 40     | 0.443     | -0.066    | 2.208 | 0.023     | 0.02      | 0         | 55.9 | 52.9 | 66.7 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 7    | 16     | 40     | 0.443     | -0.079    | 2.208 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 66.2 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 7    | 26     | 40     | 0.466     | -0.118    | 2.208 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 66.2 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 7    | 36     | 40     | 0.446     | -0.066    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 66.7 | 166        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 7    | 46     | 40     | 0.404     | -0.039    | 2.208 | 0.023     | 0.02      | 0         | 56.3 | 53.3 | 66.7 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 7    | 56     | 40     | 0.479     | -0.082    | 2.208 | 0.016     | 0.016     | 0         | 55.9 | 52.5 | 66.7 | 165        | 156        | 0          | 35     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 15  | 8    | 6      | 40     | 0.463     | -0.092    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 66.7 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 8    | 16     | 40     | 0.433     | -0.059    | 2.208 | 0.016     | 0.016     | 0         | 56.8 | 53.8 | 66.2 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 8    | 26     | 40     | 0.486     | -0.082    | 2.208 | 0.016     | 0.016     | 0         | 56.8 | 53.8 | 66.7 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 8    | 36     | 40     | 0.417     | -0.049    | 2.208 | 0.023     | 0.02      | 0         | 56.3 | 53.3 | 67.1 | 166        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 8    | 46     | 40     | 0.413     | -0.033    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.1 | 166        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 8    | 56     | 40     | 0.446     | -0.085    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.5 | 166        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 9    | 6      | 40     | 0.407     | -0.049    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 67.5 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 9    | 16     | 40     | 0.466     | -0.082    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 67.5 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 9    | 26     | 40     | 0.43      | -0.033    | 2.208 | 0.023     | 0.02      | 0         | 56.3 | 53.8 | 67.5 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 9    | 36     | 40     | 0.472     | -0.108    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 67.5 | 167        | 158        | 0          | 36     | 33     |
| 2009 | 6     | 15  | 9    | 46     | 40     | 0.446     | -0.069    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 67.1 | 167        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 9    | 56     | 40     | 0.463     | -0.085    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.9 | 166        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 10   | 6      | 40     | 0.469     | -0.049    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 67.1 | 167        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 10   | 16     | 40     | 0.449     | -0.089    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 66.7 | 167        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 10   | 26     | 40     | 0.453     | -0.105    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 67.9 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 10   | 36     | 40     | 0.42      | -0.102    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 66.2 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 10   | 46     | 40     | 0.489     | -0.092    | 2.208 | 0.016     | 0.016     | 0         | 56.8 | 53.8 | 66.2 | 167        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 10   | 56     | 40     | 0.4       | -0.059    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 60.6 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 11   | 6      | 40     | 0.486     | -0.069    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 64.1 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 11   | 16     | 40     | 0.449     | -0.069    | 2.208 | 0.026     | 0.023     | 0         | 56.8 | 53.8 | 58.5 | 167        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 11   | 26     | 40     | 0.459     | -0.095    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 59.3 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 11   | 36     | 40     | 0.449     | -0.085    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 58.5 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 11   | 46     | 40     | 0.443     | -0.049    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 55.5 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 11   | 56     | 40     | 0.446     | -0.052    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 48.2 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 12   | 6      | 40     | 0.417     | -0.069    | 2.208 | 0.016     | 0.013     | 0         | 56.8 | 53.3 | 49   | 167        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 12   | 16     | 40     | 0.42      | -0.102    | 2.208 | 0.023     | 0.02      | 0         | 56.8 | 54.6 | 47.3 | 167        | 159        | 0          | 35     | 32     |
| 2009 | 6     | 15  | 12   | 26     | 40     | 0.482     | -0.085    | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 47.3 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 12   | 36     | 40     | 0.449     | -0.069    | 2.211 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 47.7 | 166        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 12   | 46     | 40     | 0.449     | -0.095    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 47.3 | 166        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 15  | 12   | 56     | 40     | 0.433     | -0.079    | 2.208 | 0.016     | 0.016     | 0         | 56.8 | 53.8 | 49.5 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 13   | 6      | 40     | 0.397     | -0.082    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 47.3 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 13   | 16     | 40     | 0.44      | -0.052    | 2.208 | 0.023     | 0.02      | 0         | 56.8 | 53.8 | 49   | 166        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 13   | 26     | 40     | 0.466     | -0.085    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 43.9 | 166        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 13   | 36     | 40     | 0.44      | -0.059    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 48.2 | 166        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 13   | 46     | 40     | 0.39      | -0.049    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 52.9 | 166        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 13   | 56     | 40     | 0.459     | -0.115    | 2.208 | 0.023     | 0.02      | 0         | 56.3 | 54.2 | 44.7 | 166        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 14   | 6      | 40     | 0.502     | -0.075    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 46   | 166        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 14   | 16     | 40     | 0.436     | -0.066    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 48.2 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 14   | 26     | 40     | 0.443     | -0.085    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 47.3 | 166        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 14   | 36     | 40     | 0.499     | -0.049    | 2.208 | 0.023     | 0.02      | 0         | 56.3 | 53.8 | 50.3 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 14   | 46     | 40     | 0.466     | -0.072    | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 49.5 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 14   | 56     | 40     | 0.394     | -0.072    | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 47.3 | 166        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 15  | 15   | 6      | 40     | 0.436     | -0.069    | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 46.4 | 166        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 15  | 15   | 16     | 40     | 0.459     | -0.052    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 48.2 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 15   | 26     | 40     | 0.463     | -0.102    | 2.208 | 0.023     | 0.02      | 0         | 56.3 | 54.2 | 46.4 | 166        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 15   | 36     | 40     | 0.482     | -0.085    | 2.205 | 0.023     | 0.02      | 0         | 56.8 | 54.2 | 47.7 | 166        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 15   | 46     | 40     | 0.394     | 0.013     | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 48.6 | 166        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 15   | 56     | 40     | 0.476     | -0.036    | 2.205 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 48.6 | 167        | 159        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 15  | 16   | 6      | 40     | 0.453     | -0.066    | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 47.3 | 166        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 16   | 16     | 40     | 0.463     | -0.059    | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 48.6 | 166        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 16   | 26     | 40     | 0.423     | -0.069    | 2.205 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 49.9 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 16   | 36     | 40     | 0.44      | -0.056    | 2.205 | 0.02      | 0.016     | 0         | 56.8 | 54.6 | 46.9 | 167        | 160        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 16   | 46     | 40     | 0.44      | -0.118    | 2.205 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 47.7 | 167        | 160        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 16   | 56     | 40     | 0.44      | -0.046    | 2.205 | 0.02      | 0.016     | 0         | 56.8 | 54.6 | 48.2 | 167        | 160        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 17   | 6      | 40     | 0.482     | -0.046    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 47.7 | 166        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 15  | 17   | 16     | 40     | 0.472     | -0.079    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 52.9 | 47.7 | 166        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 17   | 26     | 40     | 0.459     | -0.049    | 2.205 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 49.9 | 166        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 17   | 36     | 40     | 0.413     | -0.082    | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 47.7 | 166        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 17   | 46     | 40     | 0.476     | -0.105    | 2.205 | 0.016     | 0.016     | 0         | 56.3 | 53.8 | 47.3 | 166        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 17   | 56     | 40     | 0.472     | -0.046    | 2.205 | 0.026     | 0.023     | 0         | 55.9 | 53.8 | 47.7 | 165        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 18   | 6      | 40     | 0.466     | -0.069    | 2.205 | 0.023     | 0.02      | 0         | 55.9 | 53.8 | 54.2 | 165        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 18   | 16     | 40     | 0.417     | -0.085    | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 47.7 | 165        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 18   | 26     | 40     | 0.509     | -0.036    | 2.205 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 50.3 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 18   | 36     | 40     | 0.492     | -0.085    | 2.205 | 0.016     | 0.016     | 0         | 55.9 | 53.8 | 50.7 | 165        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 18   | 46     | 40     | 0.463     | -0.102    | 2.205 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 50.3 | 165        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 18   | 56     | 40     | 0.472     | -0.072    | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 47.7 | 165        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 19   | 6      | 40     | 0.44      | -0.056    | 2.205 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 52   | 165        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 19   | 16     | 40     | 0.423     | -0.079    | 2.205 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 50.3 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 19   | 26     | 40     | 0.472     | -0.049    | 2.205 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 58.9 | 165        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 19   | 36     | 40     | 0.479     | -0.085    | 2.208 | 0.026     | 0.023     | 0         | 55.9 | 52.9 | 66.2 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 19   | 46     | 40     | 0.509     | -0.052    | 2.208 | 0.023     | 0.02      | 0         | 56.3 | 53.8 | 66.7 | 165        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 19   | 56     | 40     | 0.495     | -0.085    | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 62.4 | 165        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 15  | 20   | 6      | 40     | 0.417     | -0.102    | 2.208 | 0.016     | 0.016     | 0         | 55.9 | 54.6 | 56.8 | 166        | 159        | 0          | 36     | 32     |
| 2009 | 6     | 15  | 20   | 16     | 40     | 0.463     | -0.043    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 54.6 | 51.2 | 167        | 160        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 20   | 26     | 40     | 0.4       | -0.046    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 54.6 | 48.6 | 167        | 160        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 20   | 36     | 40     | 0.41      | -0.062    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 54.6 | 48.6 | 167        | 160        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 20   | 46     | 40     | 0.433     | -0.072    | 2.208 | 0.02      | 0.016     | 0         | 57.2 | 54.6 | 49.9 | 168        | 160        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 20   | 56     | 40     | 0.39      | -0.066    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 54.6 | 61.5 | 167        | 160        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 21   | 6      | 40     | 0.423     | -0.062    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 58.5 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 21   | 16     | 40     | 0.443     | -0.085    | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 53.3 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 21   | 26     | 40     | 0.397     | -0.075    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 52.9 | 166        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 21   | 36     | 40     | 0.476     | -0.069    | 2.205 | 0.02      | 0.016     | 0         | 56.3 | 54.6 | 56.3 | 166        | 159        | 0          | 35     | 32     |
| 2009 | 6     | 15  | 21   | 46     | 40     | 0.407     | -0.082    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 51.2 | 62.4 | 166        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 21   | 56     | 40     | 0.436     | -0.092    | 2.208 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 55   | 161        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 22   | 6      | 40     | 0.433     | -0.102    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 55.5 | 165        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 22   | 16     | 40     | 0.443     | -0.102    | 2.208 | 0.026     | 0.023     | 0         | 56.3 | 53.8 | 52   | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 22   | 26     | 40     | 0.4       | -0.026    | 2.208 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 59.3 | 165        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 22   | 36     | 40     | 0.423     | -0.049    | 2.208 | 0.02      | 0.016     | 0         | 55.9 | 51.2 | 55.5 | 165        | 151        | 0          | 35     | 32     |
| 2009 | 6     | 15  | 22   | 46     | 40     | 0.495     | -0.082    | 2.208 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 61.5 | 165        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 22   | 56     | 40     | 0.427     | -0.039    | 2.208 | 0.023     | 0.02      | 0         | 56.8 | 54.2 | 63.6 | 166        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 23   | 6      | 40     | 0.417     | -0.01     | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 61.5 | 166        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 23   | 16     | 40     | 0.4       | -0.085    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 67.9 | 165        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 15  | 23   | 26     | 40     | 0.44      | -0.036    | 2.211 | 0.023     | 0.02      | 0         | 55.9 | 46   | 60.2 | 164        | 141        | 0          | 34     | 34     |
| 2009 | 6     | 15  | 23   | 36     | 40     | 0.433     | -0.052    | 2.208 | 0.016     | 0.016     | 0         | 55.5 | 53.8 | 61.5 | 164        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 15  | 23   | 46     | 40     | 0.423     | -0.049    | 2.208 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 51.6 | 165        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 15  | 23   | 56     | 40     | 0.486     | -0.072    | 2.208 | 0.023     | 0.023     | 0         | 55.9 | 53.8 | 51.2 | 165        | 158        | 0          | 35     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 16  | 0    | 6      | 40     | 0.397     | -0.066    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 64.9 | 166        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 0    | 16     | 40     | 0.469     | -0.066    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 65.8 | 166        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 0    | 26     | 40     | 0.397     | -0.052    | 2.208 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 66.2 | 165        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 0    | 36     | 40     | 0.449     | -0.036    | 2.208 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 66.7 | 165        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 0    | 46     | 40     | 0.42      | -0.089    | 2.211 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 66.7 | 165        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 0    | 56     | 40     | 0.472     | -0.098    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 66.7 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 1    | 6      | 40     | 0.505     | -0.066    | 2.208 | 0.023     | 0.02      | 0         | 56.8 | 53.3 | 64.1 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 1    | 16     | 40     | 0.433     | -0.066    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 57.2 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 1    | 26     | 40     | 0.433     | -0.082    | 2.211 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 55   | 166        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 1    | 36     | 40     | 0.358     | -0.075    | 2.211 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 59.3 | 167        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 1    | 46     | 40     | 0.472     | -0.059    | 2.211 | 0.023     | 0.02      | 0         | 56.8 | 53.8 | 53.3 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 1    | 56     | 40     | 0.417     | -0.075    | 2.211 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 61.1 | 166        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 2    | 6      | 40     | 0.449     | -0.052    | 2.211 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 54.2 | 166        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 2    | 16     | 40     | 0.417     | -0.036    | 2.215 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 49   | 166        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 2    | 26     | 40     | 0.449     | -0.069    | 2.215 | 0.016     | 0.016     | 0         | 55.9 | 53.8 | 48.6 | 165        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 2    | 36     | 40     | 0.44      | -0.043    | 2.215 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 51.6 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 2    | 46     | 40     | 0.404     | -0.105    | 2.215 | 0.016     | 0.016     | 0         | 55.9 | 53.3 | 52.5 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 2    | 56     | 40     | 0.433     | -0.085    | 2.218 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 57.6 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 3    | 6      | 40     | 0.407     | -0.052    | 2.221 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 62.4 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 3    | 16     | 40     | 0.443     | -0.046    | 2.221 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 58.9 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 3    | 26     | 40     | 0.469     | -0.089    | 2.221 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 58   | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 3    | 36     | 40     | 0.397     | -0.03     | 2.224 | 0.023     | 0.02      | 0         | 56.3 | 53.3 | 62.4 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 3    | 46     | 40     | 0.453     | -0.079    | 2.224 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 60.6 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 3    | 56     | 40     | 0.43      | -0.062    | 2.228 | 0.023     | 0.023     | 0         | 56.3 | 53.8 | 63.6 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 4    | 6      | 40     | 0.404     | -0.072    | 2.228 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 61.5 | 166        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 4    | 16     | 40     | 0.433     | -0.102    | 2.228 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 61.1 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 4    | 26     | 40     | 0.443     | -0.089    | 2.231 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 64.9 | 167        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 4    | 36     | 40     | 0.436     | -0.052    | 2.231 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 66.2 | 167        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 4    | 46     | 40     | 0.453     | -0.049    | 2.231 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.1 | 166        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 4    | 56     | 40     | 0.472     | -0.069    | 2.231 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 67.9 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 5    | 6      | 40     | 0.394     | -0.03     | 2.231 | 0.016     | 0.016     | 0         | 56.8 | 53.8 | 67.5 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 5    | 16     | 40     | 0.446     | -0.033    | 2.231 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 67.1 | 166        | 158        | 0          | 36     | 33     |
| 2009 | 6     | 16  | 5    | 26     | 40     | 0.463     | -0.075    | 2.231 | 0.02      | 0.016     | 0         | 55.5 | 53.8 | 64.5 | 164        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 5    | 36     | 40     | 0.397     | -0.066    | 2.231 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 65.4 | 166        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 5    | 46     | 40     | 0.436     | -0.052    | 2.234 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 66.7 | 166        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 5    | 56     | 40     | 0.486     | -0.066    | 2.234 | 0.016     | 0.016     | 0         | 56.3 | 53.8 | 67.9 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 6    | 6      | 40     | 0.44      | -0.085    | 2.234 | 0.023     | 0.02      | 0         | 56.8 | 53.8 | 67.9 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 6    | 16     | 40     | 0.367     | -0.059    | 2.234 | 0.016     | 0.016     | 0         | 56.8 | 53.8 | 67.5 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 6    | 26     | 40     | 0.479     | -0.102    | 2.234 | 0.016     | 0.016     | 0         | 56.3 | 52.9 | 67.9 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 6    | 36     | 40     | 0.42      | -0.102    | 2.234 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.4 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 6    | 46     | 40     | 0.453     | -0.085    | 2.234 | 0.02      | 0.016     | 0         | 56.8 | 52.9 | 66.2 | 167        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 6    | 56     | 40     | 0.502     | -0.079    | 2.234 | 0.023     | 0.02      | 0         | 56.3 | 52.9 | 67.5 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 7    | 6      | 40     | 0.449     | -0.082    | 2.234 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.4 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 7    | 16     | 40     | 0.472     | -0.075    | 2.234 | 0.02      | 0.016     | 0         | 56.8 | 52.9 | 68.8 | 167        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 7    | 26     | 40     | 0.43      | -0.092    | 2.234 | 0.02      | 0.016     | 0         | 56.8 | 52.9 | 67.9 | 167        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 7    | 36     | 40     | 0.413     | -0.121    | 2.234 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 68.8 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 7    | 46     | 40     | 0.413     | -0.075    | 2.234 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.8 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 7    | 56     | 40     | 0.43      | -0.033    | 2.234 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.8 | 166        | 157        | 0          | 35     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 16  | 8    | 6      | 40     | 0.476     | -0.079    | 2.234 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.8 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 8    | 16     | 40     | 0.482     | -0.072    | 2.238 | 0.016     | 0.013     | 0         | 56.8 | 53.3 | 68.4 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 8    | 26     | 40     | 0.522     | -0.082    | 2.238 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 67.9 | 166        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 8    | 36     | 40     | 0.43      | -0.112    | 2.238 | 0.02      | 0.016     | 0         | 55.5 | 53.3 | 66.7 | 165        | 157        | 0          | 36     | 33     |
| 2009 | 6     | 16  | 8    | 46     | 40     | 0.423     | -0.036    | 2.234 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 67.1 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 8    | 56     | 40     | 0.43      | -0.098    | 2.238 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 65.4 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 9    | 6      | 40     | 0.44      | -0.108    | 2.238 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 66.7 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 9    | 16     | 40     | 0.456     | -0.052    | 2.238 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.4 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 9    | 26     | 40     | 0.449     | -0.072    | 2.238 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 63.6 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 9    | 36     | 40     | 0.466     | -0.072    | 2.238 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 66.7 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 9    | 46     | 40     | 0.407     | -0.102    | 2.238 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 64.9 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 9    | 56     | 40     | 0.472     | -0.049    | 2.238 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 67.9 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 10   | 6      | 40     | 0.449     | -0.079    | 2.238 | 0.016     | 0.013     | 0         | 56.3 | 53.3 | 66.7 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 10   | 16     | 40     | 0.456     | -0.098    | 2.238 | 0.016     | 0.016     | 0         | 56.3 | 52.9 | 64.9 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 10   | 26     | 40     | 0.433     | -0.066    | 2.238 | 0.016     | 0.016     | 0         | 56.8 | 53.3 | 66.7 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 10   | 36     | 40     | 0.387     | -0.066    | 2.238 | 0.016     | 0.016     | 0         | 56.3 | 52.9 | 68.4 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 10   | 46     | 40     | 0.449     | -0.052    | 2.238 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 68.8 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 10   | 56     | 40     | 0.479     | -0.059    | 2.238 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 67.9 | 166        | 156        | 0          | 36     | 33     |
| 2009 | 6     | 16  | 11   | 6      | 40     | 0.456     | -0.033    | 2.238 | 0.016     | 0.016     | 0         | 56.3 | 52.5 | 68.4 | 166        | 157        | 0          | 35     | 35     |
| 2009 | 6     | 16  | 11   | 16     | 40     | 0.449     | -0.066    | 2.238 | 0.023     | 0.02      | 0         | 56.3 | 53.3 | 67.1 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 11   | 26     | 40     | 0.43      | -0.108    | 2.241 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 69.2 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 11   | 36     | 40     | 0.499     | -0.066    | 2.241 | 0.02      | 0.016     | 0         | 56.8 | 52.9 | 68.4 | 167        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 11   | 46     | 40     | 0.453     | -0.095    | 2.241 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 70.1 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 11   | 56     | 40     | 0.466     | -0.062    | 2.241 | 0.016     | 0.016     | 0         | 56.8 | 53.3 | 70.1 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 12   | 6      | 40     | 0.486     | -0.062    | 2.241 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 69.7 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 12   | 16     | 40     | 0.472     | -0.066    | 2.241 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 69.2 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 12   | 26     | 40     | 0.423     | -0.098    | 2.241 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 70.1 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 12   | 36     | 40     | 0.466     | -0.105    | 2.241 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 68.8 | 166        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 16  | 12   | 46     | 40     | 0.469     | -0.056    | 2.241 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 69.7 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 12   | 56     | 40     | 0.456     | -0.092    | 2.241 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 69.2 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 13   | 6      | 40     | 0.436     | -0.066    | 2.241 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 69.2 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 13   | 16     | 40     | 0.472     | -0.069    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 69.7 | 165        | 156        | 0          | 35     | 32     |
| 2009 | 6     | 16  | 13   | 26     | 40     | 0.446     | -0.059    | 2.241 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 69.7 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 13   | 36     | 40     | 0.492     | -0.052    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 69.7 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 13   | 46     | 40     | 0.436     | -0.023    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 52.9 | 70.1 | 166        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 16  | 13   | 56     | 40     | 0.476     | -0.082    | 2.244 | 0.016     | 0.016     | 0         | 55.9 | 53.3 | 69.2 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 14   | 6      | 40     | 0.446     | -0.059    | 2.241 | 0.016     | 0.016     | 0         | 55.9 | 52.9 | 69.7 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 14   | 16     | 40     | 0.42      | -0.069    | 2.241 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 70.1 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 14   | 26     | 40     | 0.453     | -0.118    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 70.1 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 14   | 36     | 40     | 0.446     | -0.092    | 2.244 | 0.016     | 0.016     | 0         | 55.9 | 52.9 | 68.8 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 14   | 46     | 40     | 0.472     | -0.072    | 2.244 | 0.016     | 0.016     | 0         | 56.3 | 52.9 | 68.8 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 14   | 56     | 40     | 0.486     | -0.049    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 69.2 | 165        | 156        | 0          | 35     | 32     |
| 2009 | 6     | 16  | 15   | 6      | 40     | 0.479     | -0.049    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 69.2 | 166        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 15   | 16     | 40     | 0.518     | -0.075    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 70.1 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 15   | 26     | 40     | 0.469     | -0.115    | 2.241 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 62.4 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 15   | 36     | 40     | 0.459     | -0.092    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 70.5 | 165        | 156        | 0          | 35     | 32     |
| 2009 | 6     | 16  | 15   | 46     | 40     | 0.509     | -0.059    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 70.1 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 15   | 56     | 40     | 0.466     | -0.072    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 69.7 | 166        | 157        | 0          | 35     | 33     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 16  | 16   | 6      | 40     | 0.476     | -0.095    | 2.244 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 69.7 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 16   | 16     | 40     | 0.472     | -0.089    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 69.7 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 16   | 26     | 40     | 0.479     | -0.062    | 2.244 | 0.016     | 0.016     | 0         | 56.3 | 53.8 | 68.4 | 166        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 16  | 16   | 36     | 40     | 0.44      | -0.141    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 65.8 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 16   | 46     | 40     | 0.469     | -0.049    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 69.7 | 165        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 16   | 56     | 40     | 0.456     | -0.085    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 70.1 | 166        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 16  | 17   | 6      | 40     | 0.446     | -0.059    | 2.244 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 69.7 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 17   | 16     | 40     | 0.427     | -0.069    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 69.2 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 17   | 26     | 40     | 0.44      | -0.056    | 2.244 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 68.4 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 17   | 36     | 40     | 0.499     | -0.105    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 68.8 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 17   | 46     | 40     | 0.489     | -0.095    | 2.244 | 0.023     | 0.02      | 0         | 56.8 | 53.8 | 69.2 | 166        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 16  | 17   | 56     | 40     | 0.463     | -0.089    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 68.4 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 18   | 6      | 40     | 0.463     | -0.089    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 70.1 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 18   | 16     | 40     | 0.433     | -0.085    | 2.244 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 69.2 | 167        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 16  | 18   | 26     | 40     | 0.505     | -0.062    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 69.2 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 18   | 36     | 40     | 0.449     | -0.069    | 2.244 | 0.016     | 0.016     | 0         | 56.8 | 53.8 | 69.7 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 18   | 46     | 40     | 0.499     | -0.03     | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 69.2 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 18   | 56     | 40     | 0.423     | -0.046    | 2.244 | 0.026     | 0.023     | 0         | 56.8 | 53.8 | 70.1 | 166        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 16  | 19   | 6      | 40     | 0.43      | -0.092    | 2.244 | 0.023     | 0.02      | 0         | 56.3 | 53.3 | 70.1 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 19   | 16     | 40     | 0.436     | -0.059    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 70.1 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 19   | 26     | 40     | 0.463     | -0.059    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 69.2 | 166        | 157        | 0          | 36     | 33     |
| 2009 | 6     | 16  | 19   | 36     | 40     | 0.476     | -0.069    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 70.1 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 19   | 46     | 40     | 0.446     | -0.059    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 69.7 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 19   | 56     | 40     | 0.469     | -0.059    | 2.241 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 62.8 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 20   | 6      | 40     | 0.459     | -0.079    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.4 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 20   | 16     | 40     | 0.486     | -0.075    | 2.241 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 60.6 | 166        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 20   | 26     | 40     | 0.492     | -0.066    | 2.241 | 0.016     | 0.016     | 0         | 56.3 | 53.8 | 68.4 | 166        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 16  | 20   | 36     | 40     | 0.42      | -0.092    | 2.244 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 69.2 | 167        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 16  | 20   | 46     | 40     | 0.476     | -0.066    | 2.244 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 70.1 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 20   | 56     | 40     | 0.469     | -0.066    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 69.7 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 21   | 6      | 40     | 0.482     | -0.039    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 70.1 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 21   | 16     | 40     | 0.499     | -0.049    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 68.8 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 21   | 26     | 40     | 0.453     | -0.066    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 69.7 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 21   | 36     | 40     | 0.469     | -0.036    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 70.5 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 21   | 46     | 40     | 0.463     | -0.082    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 69.7 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 21   | 56     | 40     | 0.41      | -0.069    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 70.1 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 22   | 6      | 40     | 0.427     | -0.056    | 2.244 | 0.023     | 0.02      | 0         | 56.3 | 53.3 | 69.7 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 22   | 16     | 40     | 0.499     | -0.102    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 69.7 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 22   | 26     | 40     | 0.509     | -0.079    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 70.5 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 22   | 36     | 40     | 0.505     | -0.141    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 70.1 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 22   | 46     | 40     | 0.463     | -0.036    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 69.2 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 22   | 56     | 40     | 0.472     | -0.046    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 50.7 | 70.1 | 165        | 152        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 23   | 6      | 40     | 0.453     | -0.062    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 71   | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 23   | 16     | 40     | 0.436     | -0.089    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 71   | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 16  | 23   | 26     | 40     | 0.446     | -0.075    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.8 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 23   | 36     | 40     | 0.466     | -0.03     | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 69.7 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 16  | 23   | 46     | 40     | 0.492     | -0.069    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 70.1 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 16  | 23   | 56     | 40     | 0.463     | -0.052    | 2.244 | 0.016     | 0.016     | 0         | 55.9 | 53.8 | 69.2 | 165        | 157        | 0          | 35     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 17  | 0    | 6      | 40     | 0.472     | -0.049    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 69.2 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 0    | 16     | 40     | 0.453     | -0.075    | 2.244 | 0.023     | 0.02      | 0         | 55.9 | 53.3 | 69.2 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 0    | 26     | 40     | 0.436     | -0.092    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 69.7 | 165        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 0    | 36     | 40     | 0.42      | -0.089    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 69.7 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 0    | 46     | 40     | 0.436     | -0.095    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 69.2 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 0    | 56     | 40     | 0.453     | -0.112    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 70.1 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 1    | 6      | 40     | 0.443     | -0.085    | 2.244 | 0.023     | 0.023     | 0         | 56.3 | 52.9 | 69.2 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 1    | 16     | 40     | 0.446     | -0.066    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 69.7 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 1    | 26     | 40     | 0.486     | -0.089    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 69.7 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 1    | 36     | 40     | 0.459     | -0.095    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 51.6 | 70.1 | 165        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 1    | 46     | 40     | 0.486     | -0.066    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 69.2 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 1    | 56     | 40     | 0.502     | -0.046    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 68.8 | 165        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 2    | 6      | 40     | 0.394     | -0.079    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 68.4 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 2    | 16     | 40     | 0.495     | -0.082    | 2.244 | 0.016     | 0.016     | 0         | 55.9 | 53.3 | 70.1 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 2    | 26     | 40     | 0.518     | -0.069    | 2.244 | 0.016     | 0.016     | 0         | 56.3 | 53.8 | 69.2 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 2    | 36     | 40     | 0.443     | -0.066    | 2.247 | 0.016     | 0.013     | 0         | 54.6 | 52   | 68.4 | 162        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 2    | 46     | 40     | 0.394     | -0.072    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 68.4 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 2    | 56     | 40     | 0.502     | -0.089    | 2.244 | 0.023     | 0.02      | 0         | 55.9 | 52.9 | 68.4 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 3    | 6      | 40     | 0.495     | -0.036    | 2.244 | 0.023     | 0.02      | 0         | 55.9 | 52.9 | 68.4 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 3    | 16     | 40     | 0.449     | -0.066    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.4 | 166        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 3    | 26     | 40     | 0.495     | -0.075    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.8 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 3    | 36     | 40     | 0.489     | -0.059    | 2.244 | 0.016     | 0.016     | 0         | 56.3 | 52.9 | 68.4 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 3    | 46     | 40     | 0.453     | -0.072    | 2.244 | 0.016     | 0.016     | 0         | 56.3 | 53.8 | 68.4 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 3    | 56     | 40     | 0.394     | -0.089    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 68.8 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 4    | 6      | 40     | 0.446     | -0.069    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 69.2 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 4    | 16     | 40     | 0.44      | -0.066    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 68.8 | 165        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 4    | 26     | 40     | 0.449     | -0.036    | 2.244 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 68.8 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 4    | 36     | 40     | 0.43      | -0.115    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 67.9 | 167        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 4    | 46     | 40     | 0.427     | -0.033    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 67.9 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 4    | 56     | 40     | 0.427     | -0.105    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 67.5 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 5    | 6      | 40     | 0.42      | -0.072    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 67.9 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 5    | 16     | 40     | 0.449     | -0.052    | 2.244 | 0.023     | 0.02      | 0         | 56.3 | 53.3 | 68.4 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 5    | 26     | 40     | 0.495     | -0.049    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 67.5 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 5    | 36     | 40     | 0.453     | -0.089    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.4 | 166        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 5    | 46     | 40     | 0.469     | -0.115    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 67.9 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 5    | 56     | 40     | 0.446     | -0.079    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.5 | 166        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 6    | 6      | 40     | 0.433     | -0.075    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 67.9 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 6    | 16     | 40     | 0.486     | -0.046    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.1 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 6    | 26     | 40     | 0.476     | -0.062    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 67.1 | 167        | 158        | 0          | 36     | 33     |
| 2009 | 6     | 17  | 6    | 36     | 40     | 0.486     | -0.039    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 67.5 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 6    | 46     | 40     | 0.479     | -0.052    | 2.244 | 0.016     | 0.016     | 0         | 56.3 | 52.9 | 67.1 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 6    | 56     | 40     | 0.502     | -0.062    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.5 | 166        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 7    | 6      | 40     | 0.486     | -0.089    | 2.244 | 0.023     | 0.02      | 0         | 55.9 | 52.9 | 66.7 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 7    | 16     | 40     | 0.479     | -0.059    | 2.244 | 0.023     | 0.02      | 0         | 55.5 | 53.3 | 67.1 | 165        | 157        | 0          | 36     | 33     |
| 2009 | 6     | 17  | 7    | 26     | 40     | 0.459     | -0.066    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.5 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 7    | 36     | 40     | 0.436     | -0.033    | 2.244 | 0.023     | 0.02      | 0         | 56.3 | 52.9 | 67.1 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 7    | 46     | 40     | 0.469     | -0.102    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 66.7 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 7    | 56     | 40     | 0.44      | -0.092    | 2.244 | 0.016     | 0.016     | 0         | 55.9 | 53.3 | 66.7 | 165        | 157        | 0          | 35     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 17  | 8    | 6      | 40     | 0.433     | -0.102    | 2.244 | 0.016     | 0.016     | 0         | 56.3 | 53.8 | 66.2 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 8    | 16     | 40     | 0.479     | -0.062    | 2.244 | 0.023     | 0.02      | 0         | 56.3 | 53.8 | 66.2 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 8    | 26     | 40     | 0.433     | -0.085    | 2.244 | 0.016     | 0.016     | 0         | 55.9 | 52.9 | 66.7 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 8    | 36     | 40     | 0.423     | -0.075    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 67.5 | 165        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 8    | 46     | 40     | 0.456     | -0.066    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 66.7 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 8    | 56     | 40     | 0.413     | -0.079    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 66.7 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 9    | 6      | 40     | 0.443     | -0.102    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 66.7 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 9    | 16     | 40     | 0.433     | -0.069    | 2.244 | 0.023     | 0.02      | 0         | 55.9 | 52.9 | 68.4 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 9    | 26     | 40     | 0.466     | -0.059    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 67.5 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 9    | 36     | 40     | 0.449     | -0.046    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 67.1 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 9    | 46     | 40     | 0.446     | -0.052    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 67.1 | 165        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 9    | 56     | 40     | 0.443     | -0.089    | 2.244 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 67.1 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 10   | 6      | 40     | 0.397     | -0.033    | 2.244 | 0.023     | 0.02      | 0         | 56.3 | 52.9 | 67.1 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 10   | 16     | 40     | 0.463     | -0.066    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 67.9 | 165        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 10   | 26     | 40     | 0.476     | -0.112    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 67.9 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 10   | 36     | 40     | 0.469     | -0.089    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 68.4 | 165        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 10   | 46     | 40     | 0.472     | -0.075    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 67.9 | 165        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 10   | 56     | 40     | 0.472     | -0.01     | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 68.4 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 11   | 6      | 40     | 0.528     | -0.082    | 2.244 | 0.016     | 0.016     | 0         | 55.9 | 52.9 | 67.9 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 11   | 16     | 40     | 0.456     | -0.066    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 68.4 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 11   | 26     | 40     | 0.449     | -0.089    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 69.7 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 11   | 36     | 40     | 0.486     | -0.072    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 68.4 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 11   | 46     | 40     | 0.449     | -0.079    | 2.244 | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 70.5 | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 11   | 56     | 40     | 0.436     | -0.098    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 69.7 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 12   | 6      | 40     | 0.486     | -0.098    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 69.7 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 12   | 16     | 40     | 0.436     | -0.066    | 2.247 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 70.1 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 12   | 26     | 40     | 0.44      | -0.072    | 2.247 | 0.016     | 0.016     | 0         | 55.9 | 53.3 | 70.1 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 12   | 36     | 40     | 0.42      | -0.059    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 68.8 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 12   | 46     | 40     | 0.472     | -0.125    | 2.247 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 53.3 | 165        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 17  | 12   | 56     | 40     | 0.456     | -0.049    | 2.247 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 71   | 165        | 156        | 0          | 34     | 32     |
| 2009 | 6     | 17  | 13   | 6      | 40     | 0.525     | -0.069    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 70.5 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 13   | 16     | 40     | 0.459     | -0.039    | 2.247 | 0.02      | 0.016     | 0         | 55.5 | 51.6 | 69.7 | 164        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 13   | 26     | 40     | 0.456     | -0.079    | 2.244 | 0.02      | 0.016     | 0         | 55.5 | 53.8 | 65.4 | 164        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 17  | 13   | 36     | 40     | 0.489     | -0.039    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 70.5 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 13   | 46     | 40     | 0.492     | -0.089    | 2.247 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 71   | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 13   | 56     | 40     | 0.476     | -0.069    | 2.247 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 69.2 | 165        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 14   | 6      | 40     | 0.466     | -0.121    | 2.247 | 0.02      | 0.016     | 0         | 44.3 | 53.3 | 55.5 | 138        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 14   | 16     | 40     | 0.456     | -0.095    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 49.9 | 165        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 17  | 14   | 26     | 40     | 0.469     | -0.059    | 2.244 | 0.02      | 0.016     | 0         | 55.5 | 53.8 | 62.8 | 164        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 14   | 36     | 40     | 0.44      | -0.062    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 49.5 | 164        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 14   | 46     | 40     | 0.466     | -0.085    | 2.247 | 0.02      | 0.016     | 0         | 55.9 | 54.2 | 66.2 | 165        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 17  | 14   | 56     | 40     | 0.443     | -0.075    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 54.6 | 165        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 15   | 6      | 40     | 0.479     | -0.069    | 2.244 | 0.016     | 0.016     | 0         | 55.9 | 53.3 | 57.2 | 164        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 15   | 16     | 40     | 0.472     | -0.085    | 2.244 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 56.8 | 164        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 15   | 26     | 40     | 0.463     | -0.052    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 65.8 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 15   | 36     | 40     | 0.459     | -0.092    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 67.5 | 166        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 17  | 15   | 46     | 40     | 0.456     | -0.085    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 68.4 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 15   | 56     | 40     | 0.492     | -0.049    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 68.8 | 166        | 157        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 17  | 16   | 6      | 40     | 0.463     | -0.095    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 68.8 | 166        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 17  | 16   | 16     | 40     | 0.459     | -0.102    | 2.241 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 50.7 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 16   | 26     | 40     | 0.417     | -0.056    | 2.244 | 0.023     | 0.02      | 0         | 57.2 | 54.2 | 58.5 | 167        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 16   | 36     | 40     | 0.499     | -0.085    | 2.244 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 63.2 | 167        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 16   | 46     | 40     | 0.44      | -0.095    | 2.244 | 0.02      | 0.016     | 0         | 57.2 | 54.6 | 59.3 | 168        | 160        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 16   | 56     | 40     | 0.486     | -0.049    | 2.244 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 67.1 | 167        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 17   | 6      | 40     | 0.492     | -0.066    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 67.1 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 17   | 16     | 40     | 0.436     | -0.026    | 2.244 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 67.9 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 17   | 26     | 40     | 0.495     | -0.092    | 2.244 | 0.023     | 0.02      | 0         | 56.8 | 54.2 | 67.9 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 17   | 36     | 40     | 0.449     | -0.079    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 68.4 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 17   | 46     | 40     | 0.509     | -0.066    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.9 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 17   | 56     | 40     | 0.476     | -0.069    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 68.8 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 18   | 6      | 40     | 0.417     | -0.056    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 68.4 | 166        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 17  | 18   | 16     | 40     | 0.463     | -0.075    | 2.244 | 0.023     | 0.02      | 0         | 56.3 | 53.8 | 68.4 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 18   | 26     | 40     | 0.456     | -0.056    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.4 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 18   | 36     | 40     | 0.443     | -0.072    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 68.4 | 165        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 18   | 46     | 40     | 0.44      | -0.069    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 68.4 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 18   | 56     | 40     | 0.476     | -0.059    | 2.244 | 0.016     | 0.016     | 0         | 57.2 | 54.2 | 67.5 | 167        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 17  | 19   | 6      | 40     | 0.423     | -0.043    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 68.4 | 165        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 17  | 19   | 16     | 40     | 0.495     | -0.105    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 67.5 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 19   | 26     | 40     | 0.482     | -0.062    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.4 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 19   | 36     | 40     | 0.472     | -0.085    | 2.241 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 53.3 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 19   | 46     | 40     | 0.472     | -0.095    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 65.4 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 19   | 56     | 40     | 0.528     | -0.105    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 68.4 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 20   | 6      | 40     | 0.43      | -0.105    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 68.8 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 20   | 16     | 40     | 0.459     | -0.069    | 2.244 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 68.4 | 167        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 17  | 20   | 26     | 40     | 0.44      | -0.079    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 54.6 | 69.7 | 167        | 159        | 0          | 35     | 32     |
| 2009 | 6     | 17  | 20   | 36     | 40     | 0.495     | -0.066    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 68.8 | 166        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 17  | 20   | 46     | 40     | 0.469     | -0.026    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 69.2 | 167        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 20   | 56     | 40     | 0.44      | -0.039    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 69.7 | 165        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 21   | 6      | 40     | 0.446     | -0.092    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 53.3 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 21   | 16     | 40     | 0.41      | -0.102    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 61.5 | 166        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 21   | 26     | 40     | 0.44      | -0.052    | 2.244 | 0.02      | 0.016     | 0         | 55.5 | 53.8 | 51.2 | 164        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 21   | 36     | 40     | 0.456     | -0.089    | 2.244 | 0.016     | 0.016     | 0         | 56.8 | 53.8 | 55   | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 21   | 46     | 40     | 0.39      | -0.046    | 2.244 | 0.026     | 0.023     | 0         | 56.8 | 53.8 | 55.5 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 21   | 56     | 40     | 0.436     | -0.108    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 52   | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 22   | 6      | 40     | 0.479     | -0.043    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 58.5 | 165        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 17  | 22   | 16     | 40     | 0.456     | -0.095    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 65.8 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 22   | 26     | 40     | 0.404     | -0.062    | 2.244 | 0.02      | 0.016     | 0         | 55.5 | 53.8 | 68.8 | 164        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 22   | 36     | 40     | 0.459     | -0.056    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 68.8 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 22   | 46     | 40     | 0.443     | -0.049    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.4 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 22   | 56     | 40     | 0.423     | -0.098    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 67.9 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 23   | 6      | 40     | 0.489     | -0.062    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 55   | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 23   | 16     | 40     | 0.472     | -0.052    | 2.244 | 0.023     | 0.02      | 0         | 55.9 | 53.3 | 56.8 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 23   | 26     | 40     | 0.456     | -0.043    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 55.9 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 17  | 23   | 36     | 40     | 0.456     | -0.125    | 2.244 | 0.026     | 0.026     | 0         | 55.9 | 52.9 | 58.9 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 17  | 23   | 46     | 40     | 0.443     | -0.062    | 2.244 | 0.023     | 0.02      | 0         | 55.9 | 53.3 | 65.4 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 17  | 23   | 56     | 40     | 0.456     | -0.036    | 2.244 | 0.023     | 0.02      | 0         | 56.3 | 53.8 | 54.6 | 166        | 158        | 0          | 35     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 18  | 0    | 6      | 40     | 0.486     | -0.092    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 67.1 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 0    | 16     | 40     | 0.436     | -0.066    | 2.244 | 0.016     | 0.016     | 0         | 56.3 | 54.2 | 67.5 | 166        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 0    | 26     | 40     | 0.476     | -0.046    | 2.244 | 0.02      | 0.016     | 0         | 52.9 | 52.9 | 67.9 | 158        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 0    | 36     | 40     | 0.42      | -0.095    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 67.5 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 0    | 46     | 40     | 0.436     | -0.069    | 2.244 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 67.9 | 166        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 18  | 0    | 56     | 40     | 0.459     | -0.056    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 67.9 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 1    | 6      | 40     | 0.443     | -0.062    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 68.8 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 1    | 16     | 40     | 0.446     | -0.098    | 2.244 | 0.023     | 0.02      | 0         | 56.3 | 53.3 | 69.2 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 1    | 26     | 40     | 0.43      | -0.085    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.4 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 1    | 36     | 40     | 0.495     | -0.043    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 69.7 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 1    | 46     | 40     | 0.423     | -0.075    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 68.8 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 1    | 56     | 40     | 0.472     | -0.069    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 69.2 | 165        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 2    | 6      | 40     | 0.459     | -0.095    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 68.4 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 2    | 16     | 40     | 0.453     | -0.092    | 2.244 | 0.026     | 0.026     | 0         | 55.9 | 52.9 | 69.2 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 18  | 2    | 26     | 40     | 0.446     | -0.069    | 2.244 | 0.026     | 0.023     | 0         | 55.9 | 53.3 | 68.4 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 2    | 36     | 40     | 0.469     | -0.046    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 68.4 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 18  | 2    | 46     | 40     | 0.459     | -0.105    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.5 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 2    | 56     | 40     | 0.509     | -0.089    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 67.5 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 18  | 3    | 6      | 40     | 0.476     | -0.112    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.5 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 3    | 16     | 40     | 0.41      | -0.056    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 67.9 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 3    | 26     | 40     | 0.443     | -0.112    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 67.1 | 165        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 18  | 3    | 36     | 40     | 0.479     | -0.085    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.5 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 3    | 46     | 40     | 0.453     | -0.092    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 67.1 | 165        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 18  | 3    | 56     | 40     | 0.43      | -0.092    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 66.7 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 4    | 6      | 40     | 0.489     | -0.049    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.1 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 4    | 16     | 40     | 0.456     | -0.085    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 67.5 | 165        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 4    | 26     | 40     | 0.469     | -0.059    | 2.244 | 0.023     | 0.02      | 0         | 56.8 | 53.3 | 67.5 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 4    | 36     | 40     | 0.489     | -0.085    | 2.244 | 0.023     | 0.02      | 0         | 56.8 | 53.3 | 67.5 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 4    | 46     | 40     | 0.436     | -0.056    | 2.244 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 67.1 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 4    | 56     | 40     | 0.466     | -0.121    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.1 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 5    | 6      | 40     | 0.486     | -0.085    | 2.244 | 0.016     | 0.016     | 0         | 56.3 | 52.9 | 67.1 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 18  | 5    | 16     | 40     | 0.44      | -0.066    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 66.7 | 166        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 18  | 5    | 26     | 40     | 0.469     | -0.105    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 66.7 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 5    | 36     | 40     | 0.554     | -0.085    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 67.5 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 5    | 46     | 40     | 0.456     | -0.118    | 2.247 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 66.7 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 5    | 56     | 40     | 0.463     | -0.043    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 67.1 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 6    | 6      | 40     | 0.492     | -0.121    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 66.7 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 6    | 16     | 40     | 0.482     | -0.089    | 2.244 | 0.02      | 0.016     | 0         | 57.2 | 53.3 | 66.7 | 167        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 6    | 26     | 40     | 0.482     | -0.089    | 2.247 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 67.1 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 6    | 36     | 40     | 0.456     | -0.049    | 2.247 | 0.026     | 0.023     | 0         | 56.8 | 53.3 | 66.7 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 6    | 46     | 40     | 0.466     | -0.095    | 2.247 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 66.7 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 6    | 56     | 40     | 0.492     | -0.095    | 2.247 | 0.023     | 0.02      | 0         | 56.8 | 53.3 | 66.7 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 7    | 6      | 40     | 0.502     | -0.108    | 2.247 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 65.8 | 167        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 18  | 7    | 16     | 40     | 0.456     | -0.075    | 2.247 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.1 | 167        | 157        | 0          | 36     | 33     |
| 2009 | 6     | 18  | 7    | 26     | 40     | 0.427     | -0.033    | 2.247 | 0.02      | 0.016     | 0         | 56.8 | 52.9 | 66.7 | 167        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 18  | 7    | 36     | 40     | 0.456     | -0.085    | 2.247 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 66.7 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 7    | 46     | 40     | 0.535     | -0.102    | 2.247 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.1 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 7    | 56     | 40     | 0.456     | -0.098    | 2.247 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 67.1 | 167        | 157        | 0          | 35     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 18  | 8    | 6      | 40     | 0.446     | -0.082    | 2.247 | 0.023     | 0.02      | 0         | 56.3 | 53.3 | 67.1 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 8    | 16     | 40     | 0.472     | -0.131    | 2.247 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.1 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 8    | 26     | 40     | 0.476     | -0.079    | 2.247 | 0.016     | 0.016     | 0         | 56.3 | 52.9 | 67.5 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 18  | 8    | 36     | 40     | 0.466     | -0.056    | 2.247 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 67.9 | 166        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 8    | 46     | 40     | 0.453     | -0.072    | 2.247 | 0.02      | 0.016     | 0         | 56.8 | 52.9 | 67.1 | 167        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 18  | 8    | 56     | 40     | 0.463     | -0.082    | 2.247 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.1 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 9    | 6      | 40     | 0.42      | -0.079    | 2.247 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.5 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 9    | 16     | 40     | 0.499     | -0.069    | 2.247 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 63.6 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 9    | 26     | 40     | 0.453     | -0.075    | 2.247 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 66.2 | 167        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 18  | 9    | 36     | 40     | 0.492     | -0.072    | 2.247 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.9 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 9    | 46     | 40     | 0.433     | -0.079    | 2.244 | 0.016     | 0.016     | 0         | 56.8 | 53.3 | 62.8 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 9    | 56     | 40     | 0.449     | -0.072    | 2.244 | 0.016     | 0.016     | 0         | 56.3 | 53.8 | 56.8 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 10   | 6      | 40     | 0.397     | -0.059    | 2.247 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 66.7 | 166        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 18  | 10   | 16     | 40     | 0.43      | -0.026    | 2.247 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 67.1 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 10   | 26     | 40     | 0.459     | -0.089    | 2.247 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 67.5 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 10   | 36     | 40     | 0.472     | -0.039    | 2.247 | 0.016     | 0.016     | 0         | 56.3 | 52.9 | 68.4 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 18  | 10   | 46     | 40     | 0.423     | -0.095    | 2.247 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 68.4 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 10   | 56     | 40     | 0.499     | -0.079    | 2.247 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 69.2 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 11   | 6      | 40     | 0.449     | -0.072    | 2.247 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 68.8 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 11   | 16     | 40     | 0.515     | -0.089    | 2.247 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.8 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 11   | 26     | 40     | 0.443     | -0.118    | 2.247 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.8 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 11   | 36     | 40     | 0.502     | -0.069    | 2.247 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 69.7 | 166        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 18  | 11   | 46     | 40     | 0.459     | -0.128    | 2.247 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 69.2 | 166        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 18  | 11   | 56     | 40     | 0.449     | -0.069    | 2.247 | 0.016     | 0.016     | 0         | 56.8 | 53.3 | 70.1 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 12   | 6      | 40     | 0.41      | -0.082    | 2.247 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 69.2 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 12   | 16     | 40     | 0.459     | -0.089    | 2.247 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 70.1 | 166        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 18  | 12   | 26     | 40     | 0.463     | -0.082    | 2.247 | 0.023     | 0.02      | 0         | 56.3 | 52.9 | 69.2 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 18  | 12   | 36     | 40     | 0.423     | -0.046    | 2.247 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.8 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 12   | 46     | 40     | 0.466     | -0.033    | 2.247 | 0.016     | 0.016     | 0         | 56.8 | 53.3 | 69.7 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 12   | 56     | 40     | 0.456     | -0.052    | 2.247 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 69.2 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 13   | 6      | 40     | 0.495     | -0.079    | 2.247 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 69.2 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 13   | 16     | 40     | 0.449     | -0.069    | 2.247 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 69.2 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 13   | 26     | 40     | 0.482     | -0.052    | 2.247 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.1 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 13   | 36     | 40     | 0.486     | -0.046    | 2.244 | 0.016     | 0.016     | 0         | 56.8 | 53.3 | 65.8 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 13   | 46     | 40     | 0.499     | -0.075    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.4 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 13   | 56     | 40     | 0.456     | -0.079    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 64.9 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 14   | 6      | 40     | 0.476     | -0.105    | 2.244 | 0.016     | 0.016     | 0         | 55.9 | 53.3 | 67.9 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 14   | 16     | 40     | 0.469     | -0.072    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.9 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 14   | 26     | 40     | 0.502     | -0.089    | 2.244 | 0.016     | 0.016     | 0         | 55.9 | 53.8 | 67.9 | 165        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 18  | 14   | 36     | 40     | 0.427     | -0.052    | 2.244 | 0.016     | 0.016     | 0         | 55.9 | 53.3 | 66.2 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 14   | 46     | 40     | 0.443     | -0.036    | 2.241 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 57.6 | 165        | 156        | 0          | 34     | 32     |
| 2009 | 6     | 18  | 14   | 56     | 40     | 0.476     | -0.059    | 2.244 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 67.1 | 164        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 15   | 6      | 40     | 0.459     | -0.069    | 2.241 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 65.8 | 165        | 156        | 0          | 35     | 32     |
| 2009 | 6     | 18  | 15   | 16     | 40     | 0.479     | -0.085    | 2.241 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 65.8 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 15   | 26     | 40     | 0.472     | -0.069    | 2.241 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 65.8 | 165        | 156        | 0          | 34     | 32     |
| 2009 | 6     | 18  | 15   | 36     | 40     | 0.44      | -0.069    | 2.241 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 66.7 | 165        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 15   | 46     | 40     | 0.466     | -0.049    | 2.241 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 63.6 | 164        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 15   | 56     | 40     | 0.505     | -0.079    | 2.241 | 0.03      | 0.026     | 0         | 55.9 | 53.3 | 65.8 | 164        | 156        | 0          | 34     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 18  | 16   | 6      | 40     | 0.43      | -0.095    | 2.241 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 66.2 | 165        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 16   | 16     | 40     | 0.453     | -0.066    | 2.241 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 65.8 | 165        | 156        | 0          | 34     | 32     |
| 2009 | 6     | 18  | 16   | 26     | 40     | 0.489     | -0.121    | 2.234 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 63.6 | 165        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 16   | 36     | 40     | 0.499     | -0.069    | 2.238 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 66.7 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 16   | 46     | 40     | 0.472     | -0.079    | 2.234 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 65.4 | 165        | 156        | 0          | 35     | 32     |
| 2009 | 6     | 18  | 16   | 56     | 40     | 0.446     | -0.072    | 2.234 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 64.9 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 17   | 6      | 40     | 0.449     | -0.052    | 2.231 | 0.016     | 0.016     | 0         | 55.9 | 52.9 | 65.4 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 17   | 16     | 40     | 0.486     | -0.039    | 2.231 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 64.9 | 165        | 156        | 0          | 34     | 32     |
| 2009 | 6     | 18  | 17   | 26     | 40     | 0.486     | -0.062    | 2.231 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 65.8 | 165        | 156        | 0          | 34     | 32     |
| 2009 | 6     | 18  | 17   | 36     | 40     | 0.472     | -0.095    | 2.231 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 66.2 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 17   | 46     | 40     | 0.453     | -0.069    | 2.228 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 65.8 | 165        | 156        | 0          | 34     | 32     |
| 2009 | 6     | 18  | 17   | 56     | 40     | 0.453     | -0.072    | 2.228 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 65.4 | 165        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 18  | 18   | 6      | 40     | 0.489     | -0.03     | 2.228 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 65.4 | 165        | 156        | 0          | 35     | 32     |
| 2009 | 6     | 18  | 18   | 16     | 40     | 0.512     | -0.069    | 2.228 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 65.8 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 18   | 26     | 40     | 0.407     | -0.089    | 2.228 | 0.023     | 0.02      | 0         | 56.3 | 52.9 | 64.9 | 165        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 18   | 36     | 40     | 0.469     | -0.085    | 2.228 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 64.9 | 166        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 18  | 18   | 46     | 40     | 0.459     | -0.052    | 2.228 | 0.016     | 0.016     | 0         | 56.3 | 52.9 | 65.4 | 165        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 18   | 56     | 40     | 0.499     | -0.049    | 2.228 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 65.4 | 165        | 156        | 0          | 34     | 32     |
| 2009 | 6     | 18  | 19   | 6      | 40     | 0.509     | -0.066    | 2.231 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 65.8 | 165        | 156        | 0          | 34     | 32     |
| 2009 | 6     | 18  | 19   | 16     | 40     | 0.449     | -0.052    | 2.228 | 0.023     | 0.02      | 0         | 56.3 | 52.5 | 65.8 | 165        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 19   | 26     | 40     | 0.486     | -0.033    | 2.228 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 66.2 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 19   | 36     | 40     | 0.463     | -0.039    | 2.231 | 0.02      | 0.016     | 0         | 56.3 | 52.5 | 65.8 | 165        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 19   | 46     | 40     | 0.515     | -0.108    | 2.231 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 65.8 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 19   | 56     | 40     | 0.479     | -0.072    | 2.228 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 65.4 | 166        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 18  | 20   | 6      | 40     | 0.492     | -0.082    | 2.234 | 0.02      | 0.016     | 0         | 56.8 | 52.9 | 65.4 | 166        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 20   | 16     | 40     | 0.446     | -0.056    | 2.234 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 66.2 | 167        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 18  | 20   | 26     | 40     | 0.43      | -0.062    | 2.234 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 65.8 | 167        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 18  | 20   | 36     | 40     | 0.436     | -0.089    | 2.234 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 65.8 | 167        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 18  | 20   | 46     | 40     | 0.449     | -0.075    | 2.234 | 0.02      | 0.016     | 0         | 56.8 | 52.9 | 64.9 | 166        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 18  | 20   | 56     | 40     | 0.44      | -0.108    | 2.234 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 64.9 | 168        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 21   | 6      | 40     | 0.469     | -0.069    | 2.234 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 65.4 | 167        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 18  | 21   | 16     | 40     | 0.413     | -0.082    | 2.234 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 64.9 | 167        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 18  | 21   | 26     | 40     | 0.505     | -0.062    | 2.238 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 66.7 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 21   | 36     | 40     | 0.486     | -0.092    | 2.238 | 0.02      | 0.016     | 0         | 56.8 | 52.9 | 66.2 | 166        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 21   | 46     | 40     | 0.492     | -0.066    | 2.238 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 65.8 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 21   | 56     | 40     | 0.472     | -0.033    | 2.238 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 65.8 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 22   | 6      | 40     | 0.538     | -0.079    | 2.238 | 0.02      | 0.016     | 0         | 56.8 | 52.9 | 65.4 | 166        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 22   | 16     | 40     | 0.459     | -0.082    | 2.238 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 65.4 | 167        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 18  | 22   | 26     | 40     | 0.463     | -0.079    | 2.241 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 66.2 | 166        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 22   | 36     | 40     | 0.482     | -0.069    | 2.241 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 67.1 | 165        | 156        | 0          | 35     | 32     |
| 2009 | 6     | 18  | 22   | 46     | 40     | 0.459     | -0.033    | 2.241 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 67.1 | 166        | 156        | 0          | 34     | 32     |
| 2009 | 6     | 18  | 22   | 56     | 40     | 0.522     | -0.052    | 2.241 | 0.02      | 0.016     | 0         | 56.8 | 52.9 | 67.9 | 166        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 23   | 6      | 40     | 0.43      | -0.062    | 2.241 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.4 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 18  | 23   | 16     | 40     | 0.492     | -0.085    | 2.241 | 0.023     | 0.02      | 0         | 56.3 | 52.9 | 68.4 | 165        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 23   | 26     | 40     | 0.43      | -0.059    | 2.241 | 0.023     | 0.02      | 0         | 56.3 | 53.8 | 67.9 | 166        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 18  | 23   | 36     | 40     | 0.436     | -0.049    | 2.241 | 0.016     | 0.016     | 0         | 56.8 | 53.3 | 67.9 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 18  | 23   | 46     | 40     | 0.456     | -0.069    | 2.241 | 0.016     | 0.016     | 0         | 56.3 | 53.8 | 68.8 | 166        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 18  | 23   | 56     | 40     | 0.479     | -0.102    | 2.241 | 0.016     | 0.016     | 0         | 56.3 | 52.9 | 68.8 | 166        | 156        | 0          | 35     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 19  | 0    | 6      | 40     | 0.482     | -0.105    | 2.244 | 0.02      | 0.016     | 0         | 57.2 | 53.3 | 68.8 | 167        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 0    | 16     | 40     | 0.456     | -0.062    | 2.241 | 0.023     | 0.02      | 0         | 56.3 | 52.9 | 69.2 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 19  | 0    | 26     | 40     | 0.433     | -0.095    | 2.241 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 68.8 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 0    | 36     | 40     | 0.469     | -0.052    | 2.241 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 69.2 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 0    | 46     | 40     | 0.449     | -0.089    | 2.241 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 69.7 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 0    | 56     | 40     | 0.436     | -0.089    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 70.5 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 1    | 6      | 40     | 0.502     | -0.082    | 2.244 | 0.016     | 0.016     | 0         | 56.8 | 53.3 | 70.1 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 1    | 16     | 40     | 0.453     | -0.052    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 69.7 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 1    | 26     | 40     | 0.512     | -0.072    | 2.244 | 0.016     | 0.016     | 0         | 56.8 | 53.3 | 70.5 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 1    | 36     | 40     | 0.446     | -0.016    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 70.5 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 1    | 46     | 40     | 0.44      | -0.056    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 70.1 | 166        | 156        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 1    | 56     | 40     | 0.443     | -0.046    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 70.5 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 2    | 6      | 40     | 0.479     | -0.098    | 2.244 | 0.023     | 0.02      | 0         | 56.8 | 53.3 | 71   | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 2    | 16     | 40     | 0.492     | -0.082    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 52.5 | 71.4 | 166        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 2    | 26     | 40     | 0.433     | -0.095    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 70.5 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 2    | 36     | 40     | 0.509     | -0.098    | 2.244 | 0.023     | 0.02      | 0         | 56.8 | 53.3 | 71   | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 2    | 46     | 40     | 0.486     | -0.066    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 71.4 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 2    | 56     | 40     | 0.456     | -0.062    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 71   | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 3    | 6      | 40     | 0.433     | -0.072    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 71   | 166        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 3    | 16     | 40     | 0.476     | -0.089    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 69.7 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 3    | 26     | 40     | 0.453     | -0.069    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 52.9 | 71   | 166        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 3    | 36     | 40     | 0.387     | -0.066    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 71   | 166        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 19  | 3    | 46     | 40     | 0.476     | -0.03     | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 70.1 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 3    | 56     | 40     | 0.463     | -0.082    | 2.244 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 69.2 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 4    | 6      | 40     | 0.449     | -0.072    | 2.247 | 0.023     | 0.02      | 0         | 56.8 | 52.9 | 71.4 | 167        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 4    | 16     | 40     | 0.479     | -0.052    | 2.244 | 0.023     | 0.023     | 0         | 56.3 | 53.3 | 70.5 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 4    | 26     | 40     | 0.479     | -0.085    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 71   | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 4    | 36     | 40     | 0.489     | -0.105    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 70.5 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 4    | 46     | 40     | 0.486     | -0.085    | 2.244 | 0.026     | 0.023     | 0         | 56.3 | 54.2 | 71.4 | 166        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 19  | 4    | 56     | 40     | 0.42      | -0.072    | 2.244 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 71   | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 5    | 6      | 40     | 0.443     | -0.095    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 70.1 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 5    | 16     | 40     | 0.449     | -0.062    | 2.244 | 0.016     | 0.016     | 0         | 57.2 | 53.8 | 71   | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 5    | 26     | 40     | 0.472     | -0.049    | 2.244 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 71   | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 5    | 36     | 40     | 0.502     | -0.082    | 2.244 | 0.02      | 0.016     | 0         | 57.2 | 53.3 | 70.1 | 167        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 19  | 5    | 46     | 40     | 0.482     | -0.046    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 70.5 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 5    | 56     | 40     | 0.459     | -0.102    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 69.2 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 6    | 6      | 40     | 0.456     | -0.003    | 2.244 | 0.023     | 0.02      | 0         | 57.2 | 53.8 | 69.7 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 6    | 16     | 40     | 0.495     | -0.092    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 69.2 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 6    | 26     | 40     | 0.479     | -0.036    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 69.7 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 6    | 36     | 40     | 0.446     | -0.066    | 2.244 | 0.023     | 0.02      | 0         | 56.8 | 53.3 | 70.5 | 167        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 19  | 6    | 46     | 40     | 0.449     | -0.046    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 69.7 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 6    | 56     | 40     | 0.515     | -0.049    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 71   | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 7    | 6      | 40     | 0.489     | -0.085    | 2.244 | 0.016     | 0.013     | 0         | 56.3 | 53.3 | 70.5 | 166        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 19  | 7    | 16     | 40     | 0.499     | -0.069    | 2.247 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 71.4 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 7    | 26     | 40     | 0.43      | -0.052    | 2.244 | 0.023     | 0.023     | 0         | 56.3 | 53.8 | 70.1 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 7    | 36     | 40     | 0.472     | -0.062    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 69.7 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 7    | 46     | 40     | 0.486     | -0.066    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 69.7 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 7    | 56     | 40     | 0.472     | -0.079    | 2.244 | 0.023     | 0.02      | 0         | 56.3 | 53.3 | 70.5 | 166        | 157        | 0          | 35     | 33     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 19  | 8    | 6      | 40     | 0.443     | -0.069    | 2.244 | 0.026     | 0.023     | 0         | 56.3 | 53.8 | 69.7 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 8    | 16     | 40     | 0.456     | -0.102    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 70.1 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 8    | 26     | 40     | 0.42      | -0.066    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 69.7 | 166        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 19  | 8    | 36     | 40     | 0.456     | -0.066    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 70.1 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 8    | 46     | 40     | 0.489     | -0.079    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 70.1 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 8    | 56     | 40     | 0.561     | -0.092    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 70.1 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 9    | 6      | 40     | 0.446     | -0.066    | 2.244 | 0.023     | 0.02      | 0         | 56.8 | 53.8 | 70.5 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 9    | 16     | 40     | 0.495     | -0.075    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 71.4 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 9    | 26     | 40     | 0.469     | -0.049    | 2.247 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 71   | 166        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 19  | 9    | 36     | 40     | 0.499     | -0.085    | 2.244 | 0.023     | 0.02      | 0         | 55.9 | 53.8 | 69.7 | 165        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 19  | 9    | 46     | 40     | 0.433     | -0.079    | 2.247 | 0.016     | 0.016     | 0         | 56.3 | 52.9 | 71   | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 19  | 9    | 56     | 40     | 0.459     | -0.059    | 2.244 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 63.6 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 10   | 6      | 40     | 0.44      | -0.089    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 62.4 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 10   | 16     | 40     | 0.446     | -0.066    | 2.244 | 0.016     | 0.016     | 0         | 56.8 | 54.2 | 65.4 | 166        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 10   | 26     | 40     | 0.469     | -0.121    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 52   | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 10   | 36     | 40     | 0.453     | -0.082    | 2.247 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 67.5 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 10   | 46     | 40     | 0.492     | -0.075    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 65.8 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 10   | 56     | 40     | 0.466     | -0.095    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 48.6 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 11   | 6      | 40     | 0.463     | -0.066    | 2.244 | 0.023     | 0.02      | 0         | 56.8 | 54.2 | 48.6 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 11   | 16     | 40     | 0.456     | -0.03     | 2.241 | 0.016     | 0.013     | 0         | 56.3 | 53.3 | 46   | 166        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 19  | 11   | 26     | 40     | 0.499     | -0.046    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 47.3 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 11   | 36     | 40     | 0.456     | -0.105    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 48.2 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 11   | 46     | 40     | 0.44      | -0.118    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 47.7 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 11   | 56     | 40     | 0.512     | -0.056    | 2.238 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 46.4 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 12   | 6      | 40     | 0.499     | -0.036    | 2.241 | 0.016     | 0.016     | 0         | 57.2 | 53.8 | 49.9 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 12   | 16     | 40     | 0.518     | -0.033    | 2.241 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 51.6 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 12   | 26     | 40     | 0.541     | -0.082    | 2.238 | 0.023     | 0.023     | 0         | 57.2 | 54.2 | 49.9 | 167        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 12   | 36     | 40     | 0.472     | -0.069    | 2.238 | 0.02      | 0.016     | 0         | 57.2 | 54.6 | 51.2 | 167        | 159        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 12   | 46     | 40     | 0.466     | -0.079    | 2.234 | 0.02      | 0.016     | 0         | 57.6 | 54.2 | 50.7 | 168        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 12   | 56     | 40     | 0.476     | -0.026    | 2.234 | 0.02      | 0.016     | 0         | 56.8 | 54.6 | 49   | 167        | 159        | 0          | 35     | 32     |
| 2009 | 6     | 19  | 13   | 6      | 40     | 0.469     | -0.03     | 2.234 | 0.02      | 0.016     | 0         | 58   | 55   | 50.7 | 169        | 161        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 13   | 16     | 40     | 0.472     | -0.069    | 2.231 | 0.02      | 0.016     | 0         | 57.6 | 54.6 | 49   | 168        | 160        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 13   | 26     | 40     | 0.518     | -0.052    | 2.234 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 48.6 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 13   | 36     | 40     | 0.472     | -0.079    | 2.231 | 0.02      | 0.016     | 0         | 57.6 | 54.6 | 47.7 | 168        | 160        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 13   | 46     | 40     | 0.44      | -0.03     | 2.228 | 0.023     | 0.023     | 0         | 57.6 | 55   | 50.7 | 168        | 160        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 13   | 56     | 40     | 0.472     | -0.102    | 2.231 | 0.02      | 0.016     | 0         | 57.6 | 54.6 | 43.4 | 168        | 160        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 14   | 6      | 40     | 0.479     | -0.023    | 2.224 | 0.023     | 0.02      | 0         | 57.6 | 55   | 54.6 | 168        | 160        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 14   | 16     | 40     | 0.472     | -0.033    | 2.231 | 0.02      | 0.016     | 0         | 57.2 | 55   | 46   | 168        | 160        | 0          | 35     | 32     |
| 2009 | 6     | 19  | 14   | 26     | 40     | 0.525     | -0.039    | 2.224 | 0.02      | 0.016     | 0         | 57.6 | 54.6 | 50.7 | 169        | 160        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 14   | 36     | 40     | 0.472     | -0.066    | 2.224 | 0.02      | 0.016     | 0         | 57.2 | 54.6 | 49.5 | 168        | 160        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 14   | 46     | 40     | 0.469     | -0.007    | 2.224 | 0.02      | 0.016     | 0         | 58   | 54.6 | 48.6 | 169        | 160        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 14   | 56     | 40     | 0.482     | -0.066    | 2.224 | 0.02      | 0.016     | 0         | 57.6 | 54.6 | 47.3 | 168        | 160        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 15   | 6      | 40     | 0.492     | -0.075    | 2.221 | 0.02      | 0.016     | 0         | 57.2 | 54.6 | 51.2 | 168        | 160        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 15   | 16     | 40     | 0.463     | -0.036    | 2.224 | 0.02      | 0.016     | 0         | 57.6 | 54.6 | 48.6 | 168        | 160        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 15   | 26     | 40     | 0.492     | -0.036    | 2.221 | 0.02      | 0.016     | 0         | 57.2 | 55   | 63.2 | 168        | 160        | 0          | 35     | 32     |
| 2009 | 6     | 19  | 15   | 36     | 40     | 0.515     | -0.052    | 2.224 | 0.016     | 0.016     | 0         | 57.2 | 54.6 | 66.7 | 167        | 159        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 15   | 46     | 40     | 0.472     | -0.095    | 2.224 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 67.5 | 166        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 15   | 56     | 40     | 0.495     | -0.062    | 2.221 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 67.5 | 166        | 157        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 19  | 16   | 6      | 40     | 0.512     | -0.069    | 2.221 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 60.6 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 16   | 16     | 40     | 0.479     | -0.085    | 2.221 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 68.8 | 165        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 16   | 26     | 40     | 0.486     | -0.102    | 2.221 | 0.02      | 0.016     | 0         | 55.9 | 54.2 | 52.9 | 165        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 19  | 16   | 36     | 40     | 0.518     | -0.085    | 2.221 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 65.4 | 166        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 19  | 16   | 46     | 40     | 0.436     | -0.066    | 2.221 | 0.023     | 0.02      | 0         | 57.2 | 54.2 | 55.9 | 166        | 158        | 0          | 33     | 32     |
| 2009 | 6     | 19  | 16   | 56     | 40     | 0.459     | -0.066    | 2.221 | 0.016     | 0.016     | 0         | 56.3 | 53.8 | 52.5 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 17   | 6      | 40     | 0.472     | -0.059    | 2.218 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 52.9 | 166        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 17   | 16     | 40     | 0.436     | -0.043    | 2.218 | 0.016     | 0.016     | 0         | 56.8 | 54.2 | 54.6 | 166        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 17   | 26     | 40     | 0.364     | -0.052    | 2.218 | 0.016     | 0.016     | 0         | 56.3 | 53.8 | 56.8 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 17   | 36     | 40     | 0.446     | -0.079    | 2.218 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 49.9 | 165        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 17   | 46     | 40     | 0.433     | -0.066    | 2.218 | 0.016     | 0.016     | 0         | 56.8 | 53.8 | 59.3 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 17   | 56     | 40     | 0.44      | -0.056    | 2.218 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 55   | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 18   | 6      | 40     | 0.505     | -0.066    | 2.218 | 0.023     | 0.02      | 0         | 56.3 | 53.3 | 57.6 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 18   | 16     | 40     | 0.472     | -0.118    | 2.218 | 0.016     | 0.016     | 0         | 56.3 | 53.8 | 67.1 | 165        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 18   | 26     | 40     | 0.466     | -0.066    | 2.218 | 0.016     | 0.016     | 0         | 55.9 | 53.3 | 68.8 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 18   | 36     | 40     | 0.436     | -0.079    | 2.218 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 50.3 | 164        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 18   | 46     | 40     | 0.44      | -0.056    | 2.218 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 54.6 | 165        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 18   | 56     | 40     | 0.446     | -0.069    | 2.218 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 60.6 | 165        | 156        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 19   | 6      | 40     | 0.449     | -0.059    | 2.218 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 58.9 | 164        | 156        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 19   | 16     | 40     | 0.453     | -0.072    | 2.218 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 65.4 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 19   | 26     | 40     | 0.476     | -0.069    | 2.218 | 0.016     | 0.013     | 0         | 55.9 | 53.3 | 67.5 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 19   | 36     | 40     | 0.515     | -0.052    | 2.218 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 69.2 | 164        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 19   | 46     | 40     | 0.486     | -0.072    | 2.218 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 66.7 | 165        | 156        | 0          | 35     | 32     |
| 2009 | 6     | 19  | 19   | 56     | 40     | 0.381     | -0.105    | 2.218 | 0.02      | 0.016     | 0         | 52.5 | 53.8 | 69.2 | 157        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 20   | 6      | 40     | 0.469     | -0.072    | 2.218 | 0.023     | 0.023     | 0         | 56.3 | 53.8 | 71   | 166        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 19  | 20   | 16     | 40     | 0.476     | -0.059    | 2.218 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 69.2 | 165        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 20   | 26     | 40     | 0.486     | -0.072    | 2.218 | 0.02      | 0.016     | 0         | 57.2 | 53.3 | 70.1 | 166        | 157        | 0          | 33     | 33     |
| 2009 | 6     | 19  | 20   | 36     | 40     | 0.489     | -0.03     | 2.218 | 0.016     | 0.016     | 0         | 55.9 | 53.3 | 68.8 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 20   | 46     | 40     | 0.463     | -0.062    | 2.218 | 0.02      | 0.016     | 0         | 57.2 | 54.6 | 69.2 | 167        | 159        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 20   | 56     | 40     | 0.538     | -0.092    | 2.218 | 0.023     | 0.02      | 0         | 56.8 | 53.8 | 60.6 | 166        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 21   | 6      | 40     | 0.486     | -0.059    | 2.218 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 68.8 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 21   | 16     | 40     | 0.466     | -0.082    | 2.218 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 69.7 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 21   | 26     | 40     | 0.499     | -0.066    | 2.218 | 0.016     | 0.016     | 0         | 56.8 | 53.3 | 69.2 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 21   | 36     | 40     | 0.433     | -0.069    | 2.218 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 70.1 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 21   | 46     | 40     | 0.456     | -0.085    | 2.218 | 0.016     | 0.013     | 0         | 56.8 | 53.3 | 69.2 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 21   | 56     | 40     | 0.466     | -0.052    | 2.218 | 0.02      | 0.016     | 0         | 57.2 | 53.3 | 69.7 | 167        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 22   | 6      | 40     | 0.466     | -0.072    | 2.218 | 0.023     | 0.02      | 0         | 49   | 53.3 | 69.2 | 148        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 22   | 16     | 40     | 0.463     | -0.089    | 2.218 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 67.9 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 22   | 26     | 40     | 0.453     | -0.082    | 2.218 | 0.02      | 0.016     | 0         | 56.8 | 52.5 | 68.4 | 166        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 22   | 36     | 40     | 0.486     | -0.069    | 2.218 | 0.016     | 0.016     | 0         | 56.8 | 53.3 | 68.8 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 22   | 46     | 40     | 0.436     | -0.098    | 2.218 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 67.5 | 166        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 19  | 22   | 56     | 40     | 0.413     | -0.085    | 2.218 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 69.2 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 23   | 6      | 40     | 0.394     | -0.049    | 2.218 | 0.023     | 0.02      | 0         | 56.8 | 53.3 | 68.8 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 23   | 16     | 40     | 0.505     | -0.079    | 2.218 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 68.8 | 166        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 23   | 26     | 40     | 0.43      | -0.066    | 2.218 | 0.023     | 0.02      | 0         | 56.3 | 53.3 | 67.5 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 19  | 23   | 36     | 40     | 0.446     | -0.069    | 2.218 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 64.5 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 19  | 23   | 46     | 40     | 0.466     | -0.079    | 2.218 | 0.016     | 0.016     | 0         | 55.9 | 53.3 | 68.4 | 165        | 156        | 0          | 35     | 32     |
| 2009 | 6     | 19  | 23   | 56     | 40     | 0.456     | -0.046    | 2.221 | 0.02      | 0.016     | 0         | 55.9 | 50.7 | 64.5 | 164        | 151        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 20  | 0    | 6      | 40     | 0.459     | -0.115    | 2.218 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.4 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 0    | 16     | 40     | 0.433     | -0.085    | 2.218 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 68.8 | 165        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 0    | 26     | 40     | 0.463     | -0.075    | 2.218 | 0.016     | 0.016     | 0         | 56.8 | 53.3 | 68.8 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 0    | 36     | 40     | 0.42      | -0.092    | 2.218 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.4 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 0    | 46     | 40     | 0.423     | -0.085    | 2.218 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 67.9 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 0    | 56     | 40     | 0.453     | -0.098    | 2.218 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 68.4 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 1    | 6      | 40     | 0.456     | -0.089    | 2.218 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 67.5 | 166        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 20  | 1    | 16     | 40     | 0.489     | -0.085    | 2.218 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 67.9 | 165        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 1    | 26     | 40     | 0.459     | -0.059    | 2.218 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.5 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 1    | 36     | 40     | 0.459     | -0.069    | 2.218 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 67.9 | 166        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 20  | 1    | 46     | 40     | 0.472     | -0.072    | 2.218 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 67.9 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 1    | 56     | 40     | 0.427     | -0.066    | 2.218 | 0.026     | 0.023     | 0         | 56.8 | 53.3 | 67.5 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 2    | 6      | 40     | 0.443     | -0.066    | 2.218 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 67.9 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 2    | 16     | 40     | 0.436     | -0.082    | 2.218 | 0.016     | 0.016     | 0         | 56.8 | 53.3 | 67.1 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 2    | 26     | 40     | 0.459     | -0.059    | 2.218 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 67.9 | 165        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 2    | 36     | 40     | 0.466     | -0.072    | 2.218 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 67.1 | 165        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 2    | 46     | 40     | 0.492     | -0.069    | 2.218 | 0.016     | 0.016     | 0         | 56.8 | 53.3 | 67.1 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 2    | 56     | 40     | 0.443     | -0.072    | 2.221 | 0.023     | 0.02      | 0         | 55.9 | 53.8 | 65.8 | 165        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 20  | 3    | 6      | 40     | 0.459     | -0.069    | 2.221 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 67.1 | 166        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 20  | 3    | 16     | 40     | 0.413     | -0.121    | 2.221 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 66.7 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 3    | 26     | 40     | 0.459     | -0.052    | 2.221 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 67.5 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 3    | 36     | 40     | 0.404     | 0         | 2.221 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 67.1 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 3    | 46     | 40     | 0.459     | -0.075    | 2.221 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 66.2 | 165        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 3    | 56     | 40     | 0.472     | -0.056    | 2.224 | 0.02      | 0.016     | 0         | 56.3 | 52.5 | 67.1 | 165        | 156        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 4    | 6      | 40     | 0.43      | -0.092    | 2.224 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 66.7 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 4    | 16     | 40     | 0.43      | -0.069    | 2.224 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 66.7 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 4    | 26     | 40     | 0.482     | -0.052    | 2.224 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.1 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 4    | 36     | 40     | 0.44      | -0.056    | 2.224 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 66.2 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 4    | 46     | 40     | 0.456     | -0.039    | 2.224 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 65.8 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 4    | 56     | 40     | 0.446     | -0.052    | 2.228 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 67.1 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 5    | 6      | 40     | 0.489     | -0.085    | 2.228 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 66.7 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 5    | 16     | 40     | 0.476     | -0.069    | 2.228 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 66.7 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 5    | 26     | 40     | 0.449     | -0.089    | 2.231 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 67.1 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 5    | 36     | 40     | 0.443     | -0.085    | 2.231 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 67.1 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 5    | 46     | 40     | 0.459     | -0.069    | 2.231 | 0.016     | 0.016     | 0         | 56.8 | 53.8 | 67.5 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 5    | 56     | 40     | 0.499     | -0.062    | 2.234 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 67.9 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 6    | 6      | 40     | 0.44      | -0.085    | 2.231 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 66.7 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 6    | 16     | 40     | 0.446     | -0.059    | 2.231 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 66.7 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 6    | 26     | 40     | 0.446     | -0.052    | 2.234 | 0.016     | 0.013     | 0         | 56.8 | 53.8 | 67.5 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 6    | 36     | 40     | 0.44      | -0.082    | 2.234 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 67.9 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 6    | 46     | 40     | 0.495     | -0.131    | 2.234 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 67.9 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 20  | 6    | 56     | 40     | 0.502     | -0.043    | 2.234 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.5 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 7    | 6      | 40     | 0.469     | -0.092    | 2.234 | 0.023     | 0.02      | 0         | 55.9 | 53.3 | 67.9 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 7    | 16     | 40     | 0.423     | -0.013    | 2.234 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 67.9 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 7    | 26     | 40     | 0.476     | -0.085    | 2.234 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 68.8 | 165        | 156        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 7    | 36     | 40     | 0.44      | -0.056    | 2.231 | 0.02      | 0.016     | 0         | 55   | 53.8 | 67.1 | 163        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 7    | 46     | 40     | 0.44      | -0.049    | 2.231 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 67.1 | 165        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 20  | 7    | 56     | 40     | 0.41      | -0.079    | 2.231 | 0.016     | 0.016     | 0         | 55.9 | 53.3 | 66.2 | 165        | 157        | 0          | 35     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 20  | 8    | 6      | 40     | 0.384     | -0.036    | 2.231 | 0.016     | 0.016     | 0         | 55.9 | 53.3 | 66.2 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 8    | 16     | 40     | 0.449     | -0.089    | 2.231 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 68.4 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 8    | 26     | 40     | 0.433     | -0.062    | 2.231 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.1 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 8    | 36     | 40     | 0.466     | -0.072    | 2.231 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 67.5 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 8    | 46     | 40     | 0.44      | -0.072    | 2.228 | 0.023     | 0.023     | 0         | 55.9 | 52.5 | 66.7 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 20  | 8    | 56     | 40     | 0.43      | -0.069    | 2.231 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.1 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 9    | 6      | 40     | 0.479     | -0.059    | 2.224 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 64.9 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 9    | 16     | 40     | 0.44      | -0.066    | 2.224 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 67.1 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 9    | 26     | 40     | 0.466     | -0.118    | 2.221 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 66.2 | 165        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 20  | 9    | 36     | 40     | 0.466     | -0.062    | 2.221 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 66.7 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 9    | 46     | 40     | 0.427     | -0.069    | 2.221 | 0.02      | 0.016     | 0         | 55   | 53.3 | 66.7 | 163        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 9    | 56     | 40     | 0.472     | -0.079    | 2.221 | 0.016     | 0.016     | 0         | 55.9 | 53.3 | 67.9 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 10   | 6      | 40     | 0.44      | -0.069    | 2.221 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.5 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 10   | 16     | 40     | 0.469     | -0.082    | 2.218 | 0.023     | 0.02      | 0         | 55.9 | 53.3 | 67.1 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 10   | 26     | 40     | 0.449     | -0.062    | 2.218 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 67.9 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 10   | 36     | 40     | 0.43      | -0.069    | 2.218 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.9 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 10   | 46     | 40     | 0.459     | -0.105    | 2.218 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 68.4 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 10   | 56     | 40     | 0.41      | -0.072    | 2.218 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 69.2 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 11   | 6      | 40     | 0.443     | -0.069    | 2.218 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 69.2 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 11   | 16     | 40     | 0.423     | -0.062    | 2.218 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 67.9 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 11   | 26     | 40     | 0.433     | -0.095    | 2.218 | 0.023     | 0.02      | 0         | 55.9 | 52.9 | 68.4 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 11   | 36     | 40     | 0.509     | -0.092    | 2.218 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 70.1 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 11   | 46     | 40     | 0.42      | -0.066    | 2.218 | 0.016     | 0.016     | 0         | 56.3 | 52.9 | 70.1 | 165        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 11   | 56     | 40     | 0.449     | -0.052    | 2.218 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 69.2 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 12   | 6      | 40     | 0.43      | -0.059    | 2.218 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 70.1 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 12   | 16     | 40     | 0.456     | -0.052    | 2.218 | 0.016     | 0.016     | 0         | 55.9 | 53.3 | 70.5 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 12   | 26     | 40     | 0.463     | -0.102    | 2.215 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 70.1 | 165        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 12   | 36     | 40     | 0.479     | -0.072    | 2.215 | 0.016     | 0.016     | 0         | 55.5 | 53.3 | 70.5 | 164        | 156        | 0          | 35     | 32     |
| 2009 | 6     | 20  | 12   | 46     | 40     | 0.476     | -0.082    | 2.215 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 70.1 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 12   | 56     | 40     | 0.453     | -0.098    | 2.215 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 70.5 | 164        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 13   | 6      | 40     | 0.463     | -0.052    | 2.215 | 0.023     | 0.02      | 0         | 55.5 | 53.3 | 71.8 | 164        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 13   | 16     | 40     | 0.505     | -0.105    | 2.215 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 71.4 | 164        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 13   | 26     | 40     | 0.489     | -0.056    | 2.215 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 71.4 | 164        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 13   | 36     | 40     | 0.509     | -0.052    | 2.215 | 0.023     | 0.02      | 0         | 55.9 | 52.9 | 72.2 | 164        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 13   | 46     | 40     | 0.463     | -0.079    | 2.215 | 0.016     | 0.016     | 0         | 55.5 | 52.9 | 70.1 | 163        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 13   | 56     | 40     | 0.446     | -0.072    | 2.215 | 0.023     | 0.023     | 0         | 55.5 | 52.9 | 72.2 | 164        | 155        | 0          | 35     | 32     |
| 2009 | 6     | 20  | 14   | 6      | 40     | 0.453     | -0.062    | 2.215 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 69.7 | 164        | 156        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 14   | 16     | 40     | 0.466     | -0.089    | 2.215 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 71.4 | 164        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 14   | 26     | 40     | 0.436     | -0.069    | 2.211 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 61.9 | 165        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 14   | 36     | 40     | 0.499     | -0.075    | 2.215 | 0.016     | 0.016     | 0         | 55.9 | 53.3 | 71.4 | 164        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 14   | 46     | 40     | 0.486     | -0.079    | 2.215 | 0.023     | 0.02      | 0         | 55.9 | 53.3 | 71.4 | 164        | 156        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 14   | 56     | 40     | 0.495     | -0.089    | 2.211 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 66.7 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 15   | 6      | 40     | 0.456     | -0.085    | 2.215 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 71.4 | 164        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 15   | 16     | 40     | 0.43      | -0.052    | 2.211 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 67.5 | 164        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 15   | 26     | 40     | 0.482     | -0.059    | 2.211 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 67.5 | 164        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 20  | 15   | 36     | 40     | 0.528     | -0.072    | 2.211 | 0.023     | 0.02      | 0         | 55.9 | 52.9 | 71   | 164        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 15   | 46     | 40     | 0.492     | -0.059    | 2.211 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 70.5 | 164        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 15   | 56     | 40     | 0.427     | -0.105    | 2.211 | 0.026     | 0.026     | 0         | 56.8 | 53.8 | 70.5 | 165        | 157        | 0          | 33     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 20  | 16   | 6      | 40     | 0.463     | -0.072    | 2.211 | 0.026     | 0.023     | 0         | 55.5 | 52.9 | 71   | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 16   | 16     | 40     | 0.476     | -0.075    | 2.211 | 0.02      | 0.016     | 0         | 55.5 | 53.8 | 70.5 | 163        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 16   | 26     | 40     | 0.492     | -0.075    | 2.211 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 70.1 | 164        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 16   | 36     | 40     | 0.509     | -0.082    | 2.208 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 56.8 | 163        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 16   | 46     | 40     | 0.446     | -0.085    | 2.211 | 0.026     | 0.026     | 0         | 56.3 | 53.8 | 70.1 | 165        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 16   | 56     | 40     | 0.456     | -0.072    | 2.208 | 0.023     | 0.02      | 0         | 55.5 | 53.3 | 69.7 | 164        | 156        | 0          | 35     | 32     |
| 2009 | 6     | 20  | 17   | 6      | 40     | 0.463     | -0.052    | 2.208 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 68.4 | 164        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 17   | 16     | 40     | 0.489     | -0.056    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 69.2 | 165        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 17   | 26     | 40     | 0.492     | -0.069    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.4 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 17   | 36     | 40     | 0.499     | -0.089    | 2.208 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 68.4 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 17   | 46     | 40     | 0.459     | -0.059    | 2.208 | 0.02      | 0.016     | 0         | 55.5 | 53.3 | 68.8 | 164        | 156        | 0          | 35     | 32     |
| 2009 | 6     | 20  | 17   | 56     | 40     | 0.446     | -0.079    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 50.3 | 69.7 | 165        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 18   | 6      | 40     | 0.502     | -0.023    | 2.208 | 0.023     | 0.02      | 0         | 55.9 | 53.3 | 67.9 | 164        | 156        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 18   | 16     | 40     | 0.459     | -0.082    | 2.208 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 67.9 | 164        | 156        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 18   | 26     | 40     | 0.446     | -0.072    | 2.208 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 68.8 | 164        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 18   | 36     | 40     | 0.394     | -0.082    | 2.208 | 0.02      | 0.016     | 0         | 54.6 | 53.3 | 67.9 | 161        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 18   | 46     | 40     | 0.436     | -0.056    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.8 | 165        | 156        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 18   | 56     | 40     | 0.453     | -0.069    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 68.8 | 166        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 20  | 19   | 6      | 40     | 0.41      | -0.121    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 68.4 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 19   | 16     | 40     | 0.4       | -0.056    | 2.208 | 0.016     | 0.016     | 0         | 57.2 | 54.2 | 67.1 | 167        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 19   | 26     | 40     | 0.476     | -0.075    | 2.208 | 0.023     | 0.02      | 0         | 56.8 | 53.3 | 67.9 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 19   | 36     | 40     | 0.449     | -0.108    | 2.208 | 0.016     | 0.016     | 0         | 56.8 | 53.3 | 67.9 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 19   | 46     | 40     | 0.489     | -0.079    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 68.4 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 19   | 56     | 40     | 0.417     | -0.056    | 2.208 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 69.7 | 167        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 20   | 6      | 40     | 0.436     | -0.089    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 69.2 | 165        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 20   | 16     | 40     | 0.453     | -0.049    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 70.1 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 20   | 26     | 40     | 0.449     | -0.069    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 69.7 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 20   | 36     | 40     | 0.495     | -0.062    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 69.7 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 20   | 46     | 40     | 0.502     | -0.128    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 69.7 | 166        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 20   | 56     | 40     | 0.489     | -0.079    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 69.2 | 166        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 21   | 6      | 40     | 0.433     | -0.072    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 71   | 166        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 21   | 16     | 40     | 0.479     | -0.072    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 70.1 | 166        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 21   | 26     | 40     | 0.446     | -0.069    | 2.208 | 0.016     | 0.016     | 0         | 56.3 | 53.8 | 67.1 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 21   | 36     | 40     | 0.486     | -0.023    | 2.208 | 0.023     | 0.02      | 0         | 56.8 | 53.8 | 56.3 | 166        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 21   | 46     | 40     | 0.4       | -0.069    | 2.208 | 0.023     | 0.02      | 0         | 56.8 | 53.8 | 70.1 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 21   | 56     | 40     | 0.417     | -0.085    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 69.7 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 22   | 6      | 40     | 0.413     | -0.072    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 70.1 | 166        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 22   | 16     | 40     | 0.436     | -0.075    | 2.211 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 70.5 | 166        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 22   | 26     | 40     | 0.492     | -0.092    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 71   | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 22   | 36     | 40     | 0.446     | -0.079    | 2.211 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 71.4 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 22   | 46     | 40     | 0.42      | -0.072    | 2.208 | 0.02      | 0.016     | 0         | 57.6 | 53.8 | 70.5 | 168        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 22   | 56     | 40     | 0.482     | -0.075    | 2.208 | 0.023     | 0.02      | 0         | 57.2 | 54.2 | 71   | 167        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 23   | 6      | 40     | 0.518     | -0.066    | 2.211 | 0.02      | 0.016     | 0         | 57.2 | 53.3 | 71   | 167        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 23   | 16     | 40     | 0.433     | -0.102    | 2.211 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 71.8 | 167        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 20  | 23   | 26     | 40     | 0.518     | -0.069    | 2.211 | 0.02      | 0.016     | 0         | 57.2 | 53.3 | 72.2 | 167        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 20  | 23   | 36     | 40     | 0.397     | -0.105    | 2.208 | 0.023     | 0.02      | 0         | 56.3 | 53.8 | 71.8 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 23   | 46     | 40     | 0.486     | -0.069    | 2.211 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 72.7 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 20  | 23   | 56     | 40     | 0.443     | -0.085    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 71   | 166        | 157        | 0          | 35     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 21  | 0    | 6      | 40     | 0.443     | -0.092    | 2.208 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 71.4 | 167        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 21  | 0    | 16     | 40     | 0.502     | -0.066    | 2.208 | 0.016     | 0.016     | 0         | 56.3 | 54.2 | 71   | 166        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 21  | 0    | 26     | 40     | 0.469     | -0.082    | 2.208 | 0.023     | 0.023     | 0         | 56.8 | 53.8 | 71.4 | 167        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 21  | 0    | 36     | 40     | 0.453     | -0.105    | 2.208 | 0.026     | 0.023     | 0         | 56.8 | 53.3 | 71   | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 0    | 46     | 40     | 0.472     | -0.056    | 2.208 | 0.02      | 0.016     | 0         | 57.2 | 53.3 | 71.4 | 167        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 0    | 56     | 40     | 0.479     | -0.056    | 2.208 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 71.4 | 167        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 21  | 1    | 6      | 40     | 0.476     | -0.059    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 70.5 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 1    | 16     | 40     | 0.486     | -0.075    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 71.8 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 1    | 26     | 40     | 0.446     | -0.082    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 52.9 | 71.4 | 166        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 1    | 36     | 40     | 0.449     | -0.112    | 2.208 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 70.1 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 1    | 46     | 40     | 0.318     | -0.092    | 2.208 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 70.1 | 168        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 21  | 1    | 56     | 40     | 0.423     | -0.092    | 2.208 | 0.023     | 0.02      | 0         | 57.2 | 53.3 | 71   | 167        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 2    | 6      | 40     | 0.466     | -0.046    | 2.208 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 70.1 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 2    | 16     | 40     | 0.469     | -0.02     | 2.208 | 0.02      | 0.016     | 0         | 57.6 | 53.8 | 70.5 | 168        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 2    | 26     | 40     | 0.397     | -0.075    | 2.208 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 70.1 | 168        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 2    | 36     | 40     | 0.479     | -0.085    | 2.208 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 71   | 168        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 2    | 46     | 40     | 0.459     | -0.043    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 70.5 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 2    | 56     | 40     | 0.449     | -0.062    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 70.5 | 167        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 21  | 3    | 6      | 40     | 0.449     | -0.072    | 2.208 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 70.1 | 168        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 3    | 16     | 40     | 0.502     | -0.075    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 70.5 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 3    | 26     | 40     | 0.479     | -0.102    | 2.208 | 0.02      | 0.016     | 0         | 57.6 | 53.3 | 69.7 | 168        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 3    | 36     | 40     | 0.469     | -0.092    | 2.208 | 0.023     | 0.02      | 0         | 57.6 | 52.9 | 69.7 | 168        | 157        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 3    | 46     | 40     | 0.459     | -0.043    | 2.208 | 0.023     | 0.02      | 0         | 57.6 | 53.8 | 70.1 | 168        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 3    | 56     | 40     | 0.489     | -0.105    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 70.1 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 4    | 6      | 40     | 0.476     | -0.046    | 2.208 | 0.016     | 0.016     | 0         | 57.2 | 53.3 | 69.2 | 167        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 4    | 16     | 40     | 0.476     | -0.082    | 2.208 | 0.02      | 0.016     | 0         | 52   | 54.2 | 69.7 | 156        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 21  | 4    | 26     | 40     | 0.502     | -0.036    | 2.208 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 69.7 | 168        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 21  | 4    | 36     | 40     | 0.495     | -0.092    | 2.208 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 70.5 | 165        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 4    | 46     | 40     | 0.499     | -0.079    | 2.208 | 0.023     | 0.02      | 0         | 57.2 | 54.2 | 69.7 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 4    | 56     | 40     | 0.456     | -0.059    | 2.208 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 68.8 | 168        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 5    | 6      | 40     | 0.407     | -0.052    | 2.208 | 0.02      | 0.016     | 0         | 57.6 | 54.2 | 69.2 | 168        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 5    | 16     | 40     | 0.466     | -0.095    | 2.208 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 68.4 | 168        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 21  | 5    | 26     | 40     | 0.479     | -0.049    | 2.208 | 0.026     | 0.023     | 0         | 57.6 | 53.8 | 68.8 | 169        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 21  | 5    | 36     | 40     | 0.456     | -0.102    | 2.208 | 0.02      | 0.016     | 0         | 57.6 | 54.2 | 68.4 | 168        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 5    | 46     | 40     | 0.42      | -0.075    | 2.208 | 0.02      | 0.016     | 0         | 57.6 | 53.8 | 68.4 | 168        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 5    | 56     | 40     | 0.423     | -0.082    | 2.208 | 0.02      | 0.016     | 0         | 57.6 | 54.2 | 68.8 | 169        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 6    | 6      | 40     | 0.486     | -0.085    | 2.208 | 0.02      | 0.016     | 0         | 57.6 | 54.2 | 68.4 | 169        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 6    | 16     | 40     | 0.469     | -0.128    | 2.208 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 67.9 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 6    | 26     | 40     | 0.459     | -0.072    | 2.208 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 68.4 | 168        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 6    | 36     | 40     | 0.482     | -0.072    | 2.208 | 0.023     | 0.023     | 0         | 57.6 | 54.2 | 68.4 | 169        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 6    | 46     | 40     | 0.44      | -0.069    | 2.208 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 67.9 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 6    | 56     | 40     | 0.495     | -0.069    | 2.208 | 0.02      | 0.016     | 0         | 57.2 | 54.6 | 68.4 | 168        | 159        | 0          | 35     | 32     |
| 2009 | 6     | 21  | 7    | 6      | 40     | 0.453     | -0.082    | 2.208 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 67.9 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 7    | 16     | 40     | 0.492     | -0.056    | 2.208 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 67.5 | 168        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 7    | 26     | 40     | 0.472     | -0.026    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 67.9 | 168        | 158        | 0          | 36     | 33     |
| 2009 | 6     | 21  | 7    | 36     | 40     | 0.479     | -0.052    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 67.5 | 167        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 21  | 7    | 46     | 40     | 0.469     | -0.085    | 2.208 | 0.02      | 0.016     | 0         | 57.6 | 53.8 | 67.5 | 168        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 7    | 56     | 40     | 0.466     | -0.089    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 67.5 | 167        | 158        | 0          | 35     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 21  | 8    | 6      | 40     | 0.427     | -0.056    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 67.1 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 8    | 16     | 40     | 0.525     | -0.095    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 67.9 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 8    | 26     | 40     | 0.453     | -0.079    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 67.9 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 8    | 36     | 40     | 0.479     | -0.082    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 67.5 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 8    | 46     | 40     | 0.42      | -0.112    | 2.208 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 67.5 | 168        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 8    | 56     | 40     | 0.459     | -0.049    | 2.208 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 68.4 | 168        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 9    | 6      | 40     | 0.489     | -0.085    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 68.4 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 9    | 16     | 40     | 0.436     | -0.023    | 2.208 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 68.4 | 168        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 21  | 9    | 26     | 40     | 0.469     | -0.085    | 2.208 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 67.9 | 168        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 21  | 9    | 36     | 40     | 0.463     | -0.036    | 2.208 | 0.016     | 0.016     | 0         | 57.6 | 54.2 | 68.8 | 168        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 9    | 46     | 40     | 0.443     | -0.056    | 2.208 | 0.02      | 0.016     | 0         | 57.6 | 54.2 | 67.9 | 168        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 9    | 56     | 40     | 0.459     | -0.023    | 2.208 | 0.02      | 0.016     | 0         | 57.6 | 53.8 | 68.4 | 168        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 21  | 10   | 6      | 40     | 0.509     | -0.052    | 2.208 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 69.7 | 168        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 10   | 16     | 40     | 0.456     | -0.108    | 2.208 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 68.8 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 10   | 26     | 40     | 0.472     | -0.102    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 67.5 | 167        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 21  | 10   | 36     | 40     | 0.492     | -0.069    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 68.4 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 10   | 46     | 40     | 0.417     | -0.049    | 2.208 | 0.02      | 0.016     | 0         | 57.6 | 54.2 | 69.7 | 168        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 10   | 56     | 40     | 0.469     | -0.043    | 2.208 | 0.023     | 0.02      | 0         | 56.8 | 53.8 | 68.4 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 11   | 6      | 40     | 0.459     | -0.03     | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 60.2 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 11   | 16     | 40     | 0.489     | -0.072    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 59.3 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 11   | 26     | 40     | 0.469     | -0.098    | 2.208 | 0.016     | 0.016     | 0         | 56.8 | 53.3 | 66.2 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 11   | 36     | 40     | 0.495     | -0.098    | 2.208 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 70.5 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 11   | 46     | 40     | 0.466     | -0.036    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 66.7 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 11   | 56     | 40     | 0.469     | -0.036    | 2.208 | 0.023     | 0.02      | 0         | 57.2 | 53.8 | 70.1 | 167        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 21  | 12   | 6      | 40     | 0.44      | -0.069    | 2.208 | 0.023     | 0.02      | 0         | 56.8 | 53.8 | 49   | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 12   | 16     | 40     | 0.482     | -0.033    | 2.208 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 58   | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 12   | 26     | 40     | 0.427     | -0.007    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 62.4 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 12   | 36     | 40     | 0.463     | -0.102    | 2.208 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 51.2 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 12   | 46     | 40     | 0.466     | -0.072    | 2.208 | 0.023     | 0.02      | 0         | 57.6 | 54.6 | 49   | 168        | 159        | 0          | 34     | 32     |
| 2009 | 6     | 21  | 12   | 56     | 40     | 0.43      | -0.069    | 2.205 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 48.6 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 13   | 6      | 40     | 0.509     | -0.115    | 2.208 | 0.016     | 0.016     | 0         | 57.2 | 53.8 | 61.5 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 13   | 16     | 40     | 0.446     | -0.016    | 2.205 | 0.026     | 0.026     | 0         | 56.8 | 53.8 | 49.5 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 13   | 26     | 40     | 0.443     | -0.043    | 2.205 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 49   | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 13   | 36     | 40     | 0.443     | -0.098    | 2.208 | 0.023     | 0.023     | 0         | 56.8 | 53.8 | 63.6 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 13   | 46     | 40     | 0.446     | -0.072    | 2.205 | 0.023     | 0.02      | 0         | 56.8 | 53.8 | 48.6 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 13   | 56     | 40     | 0.518     | -0.033    | 2.205 | 0.023     | 0.02      | 0         | 57.2 | 54.2 | 50.7 | 167        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 21  | 14   | 6      | 40     | 0.476     | -0.066    | 2.201 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 45.6 | 166        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 21  | 14   | 16     | 40     | 0.423     | -0.062    | 2.205 | 0.02      | 0.016     | 0         | 56.8 | 52.9 | 52.9 | 167        | 155        | 0          | 35     | 32     |
| 2009 | 6     | 21  | 14   | 26     | 40     | 0.42      | -0.092    | 2.201 | 0.016     | 0.016     | 0         | 56.8 | 54.2 | 46.9 | 167        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 21  | 14   | 36     | 40     | 0.413     | -0.059    | 2.198 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 48.6 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 14   | 46     | 40     | 0.449     | -0.059    | 2.201 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 46.9 | 167        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 21  | 14   | 56     | 40     | 0.489     | -0.052    | 2.198 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 46.9 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 15   | 6      | 40     | 0.463     | -0.052    | 2.198 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 46.9 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 15   | 16     | 40     | 0.417     | -0.072    | 2.198 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 45.2 | 167        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 21  | 15   | 26     | 40     | 0.44      | -0.046    | 2.198 | 0.016     | 0.016     | 0         | 57.2 | 53.8 | 47.3 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 15   | 36     | 40     | 0.433     | -0.079    | 2.195 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 45.6 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 15   | 46     | 40     | 0.469     | -0.069    | 2.198 | 0.023     | 0.02      | 0         | 57.2 | 53.8 | 49.5 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 15   | 56     | 40     | 0.446     | -0.069    | 2.195 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 49.5 | 168        | 159        | 0          | 35     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 21  | 16   | 6      | 40     | 0.482     | -0.049    | 2.195 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 45.6 | 167        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 21  | 16   | 16     | 40     | 0.495     | -0.079    | 2.195 | 0.02      | 0.016     | 0         | 57.2 | 54.6 | 57.6 | 167        | 159        | 0          | 34     | 32     |
| 2009 | 6     | 21  | 16   | 26     | 40     | 0.459     | -0.052    | 2.195 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 60.6 | 167        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 16   | 36     | 40     | 0.456     | -0.036    | 2.192 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 49.5 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 16   | 46     | 40     | 0.495     | -0.056    | 2.192 | 0.023     | 0.02      | 0         | 56.8 | 54.2 | 48.6 | 166        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 21  | 16   | 56     | 40     | 0.466     | -0.089    | 2.192 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 54.6 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 17   | 6      | 40     | 0.476     | -0.043    | 2.192 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 47.7 | 167        | 156        | 0          | 35     | 32     |
| 2009 | 6     | 21  | 17   | 16     | 40     | 0.541     | -0.089    | 2.188 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 46.9 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 17   | 26     | 40     | 0.469     | -0.089    | 2.188 | 0.023     | 0.02      | 0         | 57.2 | 54.2 | 49.9 | 167        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 17   | 36     | 40     | 0.479     | -0.056    | 2.188 | 0.026     | 0.023     | 0         | 56.8 | 54.2 | 51.6 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 17   | 46     | 40     | 0.522     | -0.069    | 2.188 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 51.6 | 166        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 21  | 17   | 56     | 40     | 0.449     | -0.069    | 2.188 | 0.016     | 0.016     | 0         | 56.8 | 54.6 | 46.4 | 167        | 159        | 0          | 35     | 32     |
| 2009 | 6     | 21  | 18   | 6      | 40     | 0.482     | -0.059    | 2.185 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 50.3 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 18   | 16     | 40     | 0.453     | -0.082    | 2.198 | 0.02      | 0.016     | 0         | 49.9 | 46.9 | 61.5 | 150        | 141        | 0          | 34     | 32     |
| 2009 | 6     | 21  | 18   | 26     | 40     | 0.469     | -0.01     | 2.185 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 66.7 | 166        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 21  | 18   | 36     | 40     | 0.495     | -0.056    | 2.185 | 0.023     | 0.023     | 0         | 57.2 | 54.2 | 49.5 | 167        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 18   | 46     | 40     | 0.44      | -0.069    | 2.185 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 67.1 | 167        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 18   | 56     | 40     | 0.479     | -0.095    | 2.185 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 65.8 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 19   | 6      | 40     | 0.486     | -0.075    | 2.185 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 56.3 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 19   | 16     | 40     | 0.423     | -0.056    | 2.185 | 0.023     | 0.023     | 0         | 56.8 | 53.8 | 67.1 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 19   | 26     | 40     | 0.492     | -0.033    | 2.188 | 0.02      | 0.016     | 0         | 57.2 | 54.6 | 67.9 | 167        | 159        | 0          | 34     | 32     |
| 2009 | 6     | 21  | 19   | 36     | 40     | 0.472     | -0.085    | 2.185 | 0.016     | 0.016     | 0         | 57.2 | 54.2 | 67.5 | 167        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 19   | 46     | 40     | 0.449     | -0.085    | 2.188 | 0.02      | 0.016     | 0         | 57.6 | 54.6 | 67.9 | 168        | 160        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 19   | 56     | 40     | 0.446     | -0.069    | 2.188 | 0.02      | 0.016     | 0         | 57.2 | 54.6 | 67.5 | 168        | 159        | 0          | 35     | 32     |
| 2009 | 6     | 21  | 20   | 6      | 40     | 0.482     | -0.075    | 2.188 | 0.02      | 0.016     | 0         | 50.3 | 54.2 | 67.1 | 151        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 20   | 16     | 40     | 0.479     | -0.095    | 2.185 | 0.02      | 0.016     | 0         | 57.2 | 54.6 | 66.2 | 168        | 160        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 20   | 26     | 40     | 0.459     | -0.105    | 2.185 | 0.02      | 0.016     | 0         | 57.6 | 54.2 | 66.2 | 168        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 20   | 36     | 40     | 0.43      | -0.03     | 2.185 | 0.02      | 0.016     | 0         | 58   | 55   | 66.2 | 169        | 160        | 0          | 34     | 32     |
| 2009 | 6     | 21  | 20   | 46     | 40     | 0.463     | -0.069    | 2.185 | 0.02      | 0.016     | 0         | 58   | 54.6 | 64.1 | 169        | 159        | 0          | 34     | 32     |
| 2009 | 6     | 21  | 20   | 56     | 40     | 0.459     | -0.02     | 2.185 | 0.02      | 0.016     | 0         | 57.6 | 54.2 | 49.9 | 168        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 21   | 6      | 40     | 0.427     | -0.066    | 2.185 | 0.016     | 0.016     | 0         | 56.8 | 54.2 | 49.5 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 21   | 16     | 40     | 0.482     | -0.056    | 2.185 | 0.02      | 0.016     | 0         | 57.2 | 54.6 | 48.6 | 167        | 159        | 0          | 34     | 32     |
| 2009 | 6     | 21  | 21   | 26     | 40     | 0.443     | -0.075    | 2.185 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 47.7 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 21   | 36     | 40     | 0.531     | -0.075    | 2.188 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 65.8 | 167        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 21  | 21   | 46     | 40     | 0.479     | -0.049    | 2.185 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 65.8 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 21   | 56     | 40     | 0.463     | -0.069    | 2.188 | 0.02      | 0.016     | 0         | 57.6 | 54.2 | 64.5 | 168        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 22   | 6      | 40     | 0.446     | -0.069    | 2.188 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 64.5 | 167        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 21  | 22   | 16     | 40     | 0.495     | -0.062    | 2.188 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 61.5 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 22   | 26     | 40     | 0.505     | -0.046    | 2.188 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 62.8 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 22   | 36     | 40     | 0.505     | -0.102    | 2.192 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 64.9 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 22   | 46     | 40     | 0.44      | -0.095    | 2.188 | 0.023     | 0.02      | 0         | 56.8 | 53.8 | 63.2 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 22   | 56     | 40     | 0.443     | -0.056    | 2.192 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 61.9 | 164        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 23   | 6      | 40     | 0.459     | -0.052    | 2.192 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 64.5 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 23   | 16     | 40     | 0.433     | -0.02     | 2.192 | 0.02      | 0.016     | 0         | 57.6 | 54.2 | 65.8 | 168        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 23   | 26     | 40     | 0.476     | -0.092    | 2.195 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 67.1 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 21  | 23   | 36     | 40     | 0.505     | -0.089    | 2.198 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 67.1 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 23   | 46     | 40     | 0.433     | -0.052    | 2.195 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 66.2 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 21  | 23   | 56     | 40     | 0.482     | -0.072    | 2.198 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 67.9 | 167        | 158        | 0          | 35     | 33     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 22  | 0    | 6      | 40     | 0.463     | -0.02     | 2.198 | 0.023     | 0.02      | 0         | 56.3 | 50.7 | 67.5 | 166        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 0    | 16     | 40     | 0.427     | -0.052    | 2.198 | 0.02      | 0.016     | 0         | 57.6 | 55   | 67.1 | 169        | 160        | 0          | 35     | 32     |
| 2009 | 6     | 22  | 0    | 26     | 40     | 0.449     | -0.095    | 2.198 | 0.02      | 0.016     | 0         | 54.6 | 54.2 | 67.1 | 161        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 0    | 36     | 40     | 0.499     | -0.069    | 2.198 | 0.02      | 0.016     | 0         | 58   | 54.2 | 67.5 | 169        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 0    | 46     | 40     | 0.423     | -0.085    | 2.198 | 0.02      | 0.016     | 0         | 57.2 | 51.6 | 67.1 | 168        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 0    | 56     | 40     | 0.44      | -0.082    | 2.198 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 66.7 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 1    | 6      | 40     | 0.423     | -0.052    | 2.198 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 67.9 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 1    | 16     | 40     | 0.433     | -0.056    | 2.198 | 0.023     | 0.02      | 0         | 57.6 | 54.2 | 67.1 | 168        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 22  | 1    | 26     | 40     | 0.4       | -0.102    | 2.198 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 67.5 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 1    | 36     | 40     | 0.449     | -0.039    | 2.198 | 0.026     | 0.026     | 0         | 57.2 | 54.2 | 67.5 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 1    | 46     | 40     | 0.436     | -0.059    | 2.198 | 0.02      | 0.016     | 0         | 55   | 54.2 | 67.5 | 163        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 1    | 56     | 40     | 0.446     | -0.059    | 2.198 | 0.02      | 0.016     | 0         | 57.2 | 53.3 | 67.9 | 168        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 22  | 2    | 6      | 40     | 0.433     | -0.072    | 2.198 | 0.023     | 0.02      | 0         | 57.2 | 54.6 | 69.7 | 168        | 159        | 0          | 35     | 32     |
| 2009 | 6     | 22  | 2    | 16     | 40     | 0.446     | -0.108    | 2.198 | 0.02      | 0.016     | 0         | 57.6 | 53.3 | 68.8 | 168        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 2    | 26     | 40     | 0.505     | -0.095    | 2.198 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 67.9 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 2    | 36     | 40     | 0.44      | -0.069    | 2.198 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 68.4 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 2    | 46     | 40     | 0.413     | -0.069    | 2.198 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 67.9 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 2    | 56     | 40     | 0.387     | -0.118    | 2.198 | 0.02      | 0.016     | 0         | 58   | 55   | 66.7 | 170        | 161        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 3    | 6      | 40     | 0.42      | -0.079    | 2.198 | 0.023     | 0.02      | 0         | 58   | 54.6 | 66.7 | 169        | 160        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 3    | 16     | 40     | 0.39      | -0.121    | 2.198 | 0.02      | 0.016     | 0         | 46   | 54.6 | 66.7 | 142        | 160        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 3    | 26     | 40     | 0.42      | -0.092    | 2.198 | 0.02      | 0.016     | 0         | 57.6 | 54.2 | 63.6 | 169        | 160        | 0          | 35     | 34     |
| 2009 | 6     | 22  | 3    | 36     | 40     | 0.499     | -0.072    | 2.198 | 0.016     | 0.016     | 0         | 57.6 | 54.2 | 62.4 | 169        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 3    | 46     | 40     | 0.42      | -0.095    | 2.201 | 0.02      | 0.016     | 0         | 57.2 | 54.6 | 68.8 | 168        | 159        | 0          | 35     | 32     |
| 2009 | 6     | 22  | 3    | 56     | 40     | 0.456     | -0.098    | 2.198 | 0.016     | 0.016     | 0         | 57.2 | 54.2 | 68.8 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 4    | 6      | 40     | 0.446     | -0.049    | 2.198 | 0.02      | 0.016     | 0         | 57.6 | 54.2 | 67.5 | 168        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 4    | 16     | 40     | 0.407     | -0.085    | 2.198 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 67.9 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 4    | 26     | 40     | 0.404     | -0.049    | 2.201 | 0.02      | 0.016     | 0         | 57.6 | 54.6 | 69.7 | 169        | 160        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 4    | 36     | 40     | 0.489     | -0.052    | 2.201 | 0.023     | 0.02      | 0         | 57.6 | 54.2 | 69.2 | 168        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 4    | 46     | 40     | 0.479     | -0.049    | 2.201 | 0.016     | 0.016     | 0         | 57.2 | 54.2 | 70.5 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 4    | 56     | 40     | 0.482     | -0.112    | 2.201 | 0.023     | 0.02      | 0         | 57.6 | 54.6 | 69.7 | 169        | 160        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 5    | 6      | 40     | 0.404     | -0.056    | 2.201 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 69.7 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 5    | 16     | 40     | 0.469     | -0.052    | 2.201 | 0.02      | 0.016     | 0         | 57.6 | 54.6 | 69.7 | 169        | 160        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 5    | 26     | 40     | 0.492     | -0.033    | 2.201 | 0.02      | 0.016     | 0         | 57.6 | 54.6 | 69.7 | 169        | 160        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 5    | 36     | 40     | 0.433     | -0.066    | 2.201 | 0.02      | 0.016     | 0         | 57.2 | 54.6 | 68.4 | 168        | 160        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 5    | 46     | 40     | 0.476     | -0.085    | 2.201 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 70.1 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 5    | 56     | 40     | 0.456     | -0.075    | 2.201 | 0.016     | 0.016     | 0         | 57.2 | 54.6 | 70.5 | 168        | 160        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 6    | 6      | 40     | 0.42      | -0.095    | 2.201 | 0.023     | 0.02      | 0         | 57.2 | 54.6 | 69.7 | 168        | 160        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 6    | 16     | 40     | 0.423     | -0.043    | 2.201 | 0.02      | 0.016     | 0         | 57.2 | 54.6 | 69.2 | 168        | 160        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 6    | 26     | 40     | 0.482     | -0.066    | 2.201 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 69.2 | 168        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 22  | 6    | 36     | 40     | 0.499     | -0.089    | 2.201 | 0.016     | 0.016     | 0         | 57.2 | 54.6 | 70.1 | 168        | 160        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 6    | 46     | 40     | 0.538     | -0.115    | 2.201 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 69.2 | 167        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 6    | 56     | 40     | 0.486     | -0.131    | 2.201 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 69.2 | 168        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 22  | 7    | 6      | 40     | 0.4       | -0.095    | 2.201 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 67.9 | 168        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 22  | 7    | 16     | 40     | 0.394     | -0.03     | 2.201 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 68.8 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 7    | 26     | 40     | 0.433     | -0.066    | 2.198 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 61.5 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 7    | 36     | 40     | 0.404     | -0.085    | 2.198 | 0.02      | 0.016     | 0         | 57.2 | 54.6 | 58.5 | 168        | 160        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 7    | 46     | 40     | 0.456     | -0.085    | 2.198 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 62.4 | 168        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 22  | 7    | 56     | 40     | 0.459     | -0.062    | 2.198 | 0.02      | 0.016     | 0         | 57.6 | 54.6 | 55.9 | 169        | 160        | 0          | 35     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 22  | 8    | 6      | 40     | 0.489     | -0.085    | 2.198 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 56.3 | 168        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 22  | 8    | 16     | 40     | 0.469     | -0.105    | 2.198 | 0.023     | 0.02      | 0         | 56.8 | 54.2 | 50.7 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 8    | 26     | 40     | 0.446     | -0.059    | 2.198 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 51.6 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 8    | 36     | 40     | 0.453     | -0.052    | 2.198 | 0.02      | 0.016     | 0         | 57.2 | 54.6 | 53.8 | 168        | 160        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 8    | 46     | 40     | 0.482     | -0.072    | 2.198 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 53.3 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 8    | 56     | 40     | 0.42      | -0.072    | 2.198 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 49.9 | 168        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 22  | 9    | 6      | 40     | 0.469     | -0.092    | 2.198 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 52   | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 9    | 16     | 40     | 0.482     | -0.079    | 2.198 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 58.9 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 9    | 26     | 40     | 0.427     | -0.085    | 2.198 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 69.2 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 9    | 36     | 40     | 0.413     | -0.066    | 2.198 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 65.8 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 9    | 46     | 40     | 0.443     | -0.056    | 2.198 | 0.016     | 0.016     | 0         | 56.8 | 54.2 | 67.9 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 9    | 56     | 40     | 0.42      | -0.066    | 2.198 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 65.8 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 10   | 6      | 40     | 0.463     | -0.049    | 2.198 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.1 | 166        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 22  | 10   | 16     | 40     | 0.427     | -0.052    | 2.198 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 70.1 | 167        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 10   | 26     | 40     | 0.479     | -0.092    | 2.198 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 67.9 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 10   | 36     | 40     | 0.472     | -0.141    | 2.198 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 67.9 | 167        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 22  | 10   | 46     | 40     | 0.518     | -0.098    | 2.198 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 62.4 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 10   | 56     | 40     | 0.436     | -0.066    | 2.198 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 68.8 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 11   | 6      | 40     | 0.433     | -0.033    | 2.198 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 69.2 | 166        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 11   | 16     | 40     | 0.459     | -0.036    | 2.198 | 0.023     | 0.02      | 0         | 56.8 | 54.2 | 64.9 | 166        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 11   | 26     | 40     | 0.413     | -0.115    | 2.198 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 68.8 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 11   | 36     | 40     | 0.499     | -0.056    | 2.198 | 0.023     | 0.023     | 0         | 56.3 | 53.8 | 68.4 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 11   | 46     | 40     | 0.479     | -0.098    | 2.198 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 67.9 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 11   | 56     | 40     | 0.44      | -0.059    | 2.198 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 67.5 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 12   | 6      | 40     | 0.463     | -0.056    | 2.195 | 0.02      | 0.016     | 0         | 56.3 | 54.6 | 67.9 | 166        | 159        | 0          | 35     | 32     |
| 2009 | 6     | 22  | 12   | 16     | 40     | 0.43      | -0.026    | 2.195 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 67.1 | 166        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 12   | 26     | 40     | 0.502     | -0.108    | 2.195 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 66.2 | 166        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 22  | 12   | 36     | 40     | 0.463     | -0.095    | 2.192 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 62.8 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 12   | 46     | 40     | 0.476     | -0.089    | 2.188 | 0.023     | 0.02      | 0         | 56.3 | 54.2 | 66.2 | 166        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 22  | 12   | 56     | 40     | 0.482     | -0.085    | 2.188 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 65.8 | 166        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 13   | 6      | 40     | 0.499     | -0.079    | 2.185 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 66.2 | 166        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 22  | 13   | 16     | 40     | 0.407     | -0.056    | 2.185 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 66.2 | 166        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 22  | 13   | 26     | 40     | 0.459     | -0.092    | 2.185 | 0.023     | 0.02      | 0         | 56.3 | 53.8 | 65.8 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 13   | 36     | 40     | 0.466     | -0.082    | 2.185 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 48.6 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 13   | 46     | 40     | 0.456     | -0.062    | 2.185 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 66.7 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 13   | 56     | 40     | 0.413     | -0.125    | 2.185 | 0.026     | 0.023     | 0         | 56.8 | 53.8 | 67.1 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 14   | 6      | 40     | 0.535     | -0.052    | 2.182 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 63.6 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 14   | 16     | 40     | 0.413     | -0.082    | 2.182 | 0.016     | 0.016     | 0         | 55.9 | 53.8 | 56.3 | 165        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 14   | 26     | 40     | 0.459     | -0.069    | 2.182 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 62.8 | 165        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 14   | 36     | 40     | 0.449     | -0.056    | 2.182 | 0.023     | 0.02      | 0         | 55.9 | 53.8 | 64.1 | 165        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 14   | 46     | 40     | 0.489     | -0.039    | 2.182 | 0.023     | 0.02      | 0         | 56.3 | 53.8 | 51.2 | 165        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 14   | 56     | 40     | 0.515     | -0.069    | 2.182 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 65.8 | 166        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 22  | 15   | 6      | 40     | 0.482     | -0.092    | 2.182 | 0.023     | 0.02      | 0         | 56.3 | 54.2 | 68.8 | 166        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 22  | 15   | 16     | 40     | 0.489     | -0.085    | 2.182 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 69.2 | 165        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 22  | 15   | 26     | 40     | 0.44      | -0.069    | 2.182 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 59.8 | 165        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 22  | 15   | 36     | 40     | 0.44      | -0.089    | 2.178 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 59.3 | 165        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 15   | 46     | 40     | 0.446     | -0.056    | 2.182 | 0.016     | 0.016     | 0         | 56.3 | 53.8 | 69.2 | 165        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 15   | 56     | 40     | 0.436     | -0.016    | 2.178 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 52.9 | 165        | 157        | 0          | 34     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 22  | 16   | 6      | 40     | 0.449     | -0.105    | 2.178 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 48.2 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 16   | 16     | 40     | 0.413     | -0.072    | 2.178 | 0.026     | 0.023     | 0         | 56.8 | 53.8 | 47.7 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 16   | 26     | 40     | 0.433     | -0.066    | 2.178 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 52.9 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 16   | 36     | 40     | 0.486     | -0.046    | 2.178 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 63.2 | 166        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 22  | 16   | 46     | 40     | 0.502     | -0.069    | 2.178 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 52.9 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 16   | 56     | 40     | 0.413     | -0.052    | 2.178 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 50.3 | 166        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 22  | 17   | 6      | 40     | 0.472     | -0.069    | 2.178 | 0.016     | 0.016     | 0         | 56.3 | 53.8 | 52.5 | 165        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 17   | 16     | 40     | 0.466     | -0.052    | 2.178 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 55   | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 17   | 26     | 40     | 0.433     | -0.072    | 2.178 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 44.7 | 165        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 22  | 17   | 36     | 40     | 0.495     | -0.039    | 2.178 | 0.023     | 0.02      | 0         | 55.9 | 54.2 | 48.6 | 165        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 22  | 17   | 46     | 40     | 0.433     | -0.056    | 2.178 | 0.016     | 0.016     | 0         | 56.3 | 53.8 | 49.5 | 165        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 17   | 56     | 40     | 0.433     | -0.046    | 2.178 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 52.5 | 165        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 22  | 18   | 6      | 40     | 0.502     | -0.062    | 2.175 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 52.5 | 165        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 18   | 16     | 40     | 0.489     | -0.102    | 2.178 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 50.7 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 18   | 26     | 40     | 0.525     | -0.036    | 2.178 | 0.016     | 0.016     | 0         | 55.9 | 53.3 | 55.9 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 18   | 36     | 40     | 0.423     | -0.072    | 2.175 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 56.3 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 18   | 46     | 40     | 0.446     | -0.069    | 2.175 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 56.3 | 166        | 157        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 18   | 56     | 40     | 0.4       | -0.069    | 2.178 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.8 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 19   | 6      | 40     | 0.486     | -0.066    | 2.175 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 52.9 | 165        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 19   | 16     | 40     | 0.456     | -0.069    | 2.178 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 68.8 | 165        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 22  | 19   | 26     | 40     | 0.466     | -0.052    | 2.178 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 68.8 | 167        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 22  | 19   | 36     | 40     | 0.456     | -0.085    | 2.178 | 0.023     | 0.02      | 0         | 56.8 | 53.8 | 69.2 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 19   | 46     | 40     | 0.453     | -0.059    | 2.178 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 69.2 | 166        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 22  | 19   | 56     | 40     | 0.43      | -0.079    | 2.178 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 68.8 | 166        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 22  | 20   | 6      | 40     | 0.486     | -0.075    | 2.178 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 68.4 | 166        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 22  | 20   | 16     | 40     | 0.423     | -0.095    | 2.178 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 69.2 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 20   | 26     | 40     | 0.446     | -0.102    | 2.178 | 0.023     | 0.02      | 0         | 56.8 | 52   | 68.8 | 167        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 20   | 36     | 40     | 0.443     | -0.052    | 2.178 | 0.023     | 0.02      | 0         | 57.2 | 53.8 | 68.8 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 20   | 46     | 40     | 0.449     | -0.095    | 2.178 | 0.023     | 0.02      | 0         | 56.3 | 54.2 | 68.4 | 166        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 20   | 56     | 40     | 0.42      | -0.052    | 2.178 | 0.02      | 0.016     | 0         | 57.2 | 55   | 67.9 | 168        | 160        | 0          | 35     | 32     |
| 2009 | 6     | 22  | 21   | 6      | 40     | 0.489     | -0.046    | 2.178 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 67.5 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 21   | 16     | 40     | 0.459     | -0.115    | 2.178 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 67.5 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 21   | 26     | 40     | 0.499     | -0.03     | 2.178 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 67.9 | 167        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 22  | 21   | 36     | 40     | 0.495     | -0.062    | 2.178 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 67.5 | 166        | 158        | 0          | 33     | 32     |
| 2009 | 6     | 22  | 21   | 46     | 40     | 0.427     | -0.125    | 2.178 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 67.5 | 166        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 22  | 21   | 56     | 40     | 0.453     | -0.036    | 2.178 | 0.023     | 0.02      | 0         | 56.3 | 53.8 | 67.5 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 22   | 6      | 40     | 0.449     | -0.069    | 2.178 | 0.023     | 0.02      | 0         | 57.2 | 54.2 | 67.1 | 167        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 22  | 22   | 16     | 40     | 0.427     | -0.085    | 2.182 | 0.023     | 0.02      | 0         | 56.8 | 53.8 | 67.1 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 22   | 26     | 40     | 0.515     | -0.03     | 2.182 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 67.1 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 22   | 36     | 40     | 0.43      | -0.075    | 2.182 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 65.4 | 164        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 22   | 46     | 40     | 0.463     | -0.052    | 2.178 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 65.4 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 22   | 56     | 40     | 0.482     | -0.105    | 2.182 | 0.02      | 0.016     | 0         | 55   | 52.5 | 67.5 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 23   | 6      | 40     | 0.463     | -0.069    | 2.182 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 65.8 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 23   | 16     | 40     | 0.476     | -0.049    | 2.182 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 66.2 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 22  | 23   | 26     | 40     | 0.436     | -0.052    | 2.185 | 0.02      | 0.016     | 0         | 57.6 | 53.8 | 66.7 | 168        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 23   | 36     | 40     | 0.423     | -0.102    | 2.188 | 0.02      | 0.016     | 0         | 56.8 | 52.9 | 65.8 | 167        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 22  | 23   | 46     | 40     | 0.459     | -0.052    | 2.192 | 0.02      | 0.016     | 0         | 51.6 | 53.8 | 67.9 | 154        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 22  | 23   | 56     | 40     | 0.456     | -0.072    | 2.192 | 0.02      | 0.016     | 0         | 57.2 | 52.9 | 66.2 | 167        | 157        | 0          | 34     | 34     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 23  | 0    | 6      | 40     | 0.476     | -0.059    | 2.192 | 0.02      | 0.016     | 0         | 57.2 | 52.9 | 66.7 | 167        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 0    | 16     | 40     | 0.479     | -0.059    | 2.192 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 65.4 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 0    | 26     | 40     | 0.486     | -0.052    | 2.195 | 0.026     | 0.023     | 0         | 57.2 | 53.3 | 64.9 | 167        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 0    | 36     | 40     | 0.479     | -0.066    | 2.195 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 65.4 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 0    | 46     | 40     | 0.43      | -0.082    | 2.195 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 66.2 | 167        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 23  | 0    | 56     | 40     | 0.492     | -0.072    | 2.195 | 0.02      | 0.016     | 0         | 57.2 | 52.5 | 66.7 | 168        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 1    | 6      | 40     | 0.44      | -0.069    | 2.198 | 0.016     | 0.016     | 0         | 57.2 | 53.8 | 66.7 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 1    | 16     | 40     | 0.436     | -0.069    | 2.195 | 0.023     | 0.02      | 0         | 56.8 | 53.3 | 67.1 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 1    | 26     | 40     | 0.436     | -0.075    | 2.198 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 66.2 | 166        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 1    | 36     | 40     | 0.479     | -0.082    | 2.198 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 68.4 | 167        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 23  | 1    | 46     | 40     | 0.492     | -0.049    | 2.198 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 67.9 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 1    | 56     | 40     | 0.436     | -0.102    | 2.198 | 0.023     | 0.023     | 0         | 57.6 | 53.8 | 68.8 | 168        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 2    | 6      | 40     | 0.459     | -0.069    | 2.198 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 68.8 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 2    | 16     | 40     | 0.463     | -0.092    | 2.198 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 67.5 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 2    | 26     | 40     | 0.489     | -0.082    | 2.198 | 0.023     | 0.02      | 0         | 56.8 | 54.2 | 67.9 | 167        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 23  | 2    | 36     | 40     | 0.469     | -0.049    | 2.198 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 68.4 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 2    | 46     | 40     | 0.459     | -0.069    | 2.201 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 67.1 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 2    | 56     | 40     | 0.479     | -0.075    | 2.201 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 67.9 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 3    | 6      | 40     | 0.417     | -0.056    | 2.201 | 0.026     | 0.023     | 0         | 56.8 | 53.3 | 68.8 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 3    | 16     | 40     | 0.433     | -0.013    | 2.201 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 68.8 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 3    | 26     | 40     | 0.43      | -0.069    | 2.201 | 0.023     | 0.02      | 0         | 57.6 | 53.3 | 69.2 | 168        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 3    | 36     | 40     | 0.44      | -0.052    | 2.201 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 69.2 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 3    | 46     | 40     | 0.417     | -0.079    | 2.201 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 68.8 | 167        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 23  | 3    | 56     | 40     | 0.407     | -0.066    | 2.201 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 69.7 | 167        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 23  | 4    | 6      | 40     | 0.44      | -0.098    | 2.201 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 70.1 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 4    | 16     | 40     | 0.499     | -0.112    | 2.201 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 69.7 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 4    | 26     | 40     | 0.492     | -0.072    | 2.201 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 68.4 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 4    | 36     | 40     | 0.466     | -0.066    | 2.201 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 67.5 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 4    | 46     | 40     | 0.449     | -0.039    | 2.201 | 0.026     | 0.023     | 0         | 57.2 | 54.2 | 67.5 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 4    | 56     | 40     | 0.486     | -0.082    | 2.201 | 0.023     | 0.023     | 0         | 57.2 | 54.2 | 67.5 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 5    | 6      | 40     | 0.466     | -0.056    | 2.201 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 67.9 | 168        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 23  | 5    | 16     | 40     | 0.492     | -0.072    | 2.201 | 0.023     | 0.02      | 0         | 57.2 | 54.2 | 67.9 | 168        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 23  | 5    | 26     | 40     | 0.472     | -0.069    | 2.205 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 67.1 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 5    | 36     | 40     | 0.446     | -0.082    | 2.205 | 0.02      | 0.016     | 0         | 57.6 | 54.2 | 67.5 | 169        | 160        | 0          | 35     | 34     |
| 2009 | 6     | 23  | 5    | 46     | 40     | 0.456     | -0.082    | 2.205 | 0.02      | 0.016     | 0         | 57.6 | 54.6 | 67.1 | 169        | 160        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 5    | 56     | 40     | 0.489     | -0.082    | 2.205 | 0.023     | 0.023     | 0         | 57.2 | 53.8 | 67.1 | 168        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 23  | 6    | 6      | 40     | 0.436     | -0.062    | 2.205 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 66.2 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 6    | 16     | 40     | 0.453     | -0.079    | 2.205 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 66.7 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 6    | 26     | 40     | 0.433     | -0.072    | 2.205 | 0.02      | 0.016     | 0         | 57.6 | 55   | 65.8 | 169        | 160        | 0          | 35     | 32     |
| 2009 | 6     | 23  | 6    | 36     | 40     | 0.502     | -0.108    | 2.205 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 65.8 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 6    | 46     | 40     | 0.459     | -0.095    | 2.208 | 0.026     | 0.023     | 0         | 49.9 | 54.2 | 67.1 | 151        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 6    | 56     | 40     | 0.502     | -0.072    | 2.208 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 65.8 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 7    | 6      | 40     | 0.469     | -0.089    | 2.208 | 0.023     | 0.023     | 0         | 57.2 | 54.2 | 65.4 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 7    | 16     | 40     | 0.472     | -0.069    | 2.208 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 66.7 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 7    | 26     | 40     | 0.469     | -0.066    | 2.208 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 66.2 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 7    | 36     | 40     | 0.463     | -0.098    | 2.208 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 66.2 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 7    | 46     | 40     | 0.482     | -0.102    | 2.208 | 0.02      | 0.016     | 0         | 57.6 | 54.2 | 64.9 | 168        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 7    | 56     | 40     | 0.449     | -0.033    | 2.211 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 66.2 | 168        | 159        | 0          | 35     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 23  | 8    | 6      | 40     | 0.397     | -0.049    | 2.211 | 0.02      | 0.016     | 0         | 57.6 | 53.8 | 65.4 | 169        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 23  | 8    | 16     | 40     | 0.449     | -0.092    | 2.211 | 0.026     | 0.026     | 0         | 57.2 | 53.8 | 66.2 | 168        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 8    | 26     | 40     | 0.433     | -0.066    | 2.211 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 65.4 | 168        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 23  | 8    | 36     | 40     | 0.518     | -0.069    | 2.211 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 65.8 | 168        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 8    | 46     | 40     | 0.427     | -0.095    | 2.215 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 64.9 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 8    | 56     | 40     | 0.502     | -0.102    | 2.215 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 64.1 | 167        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 23  | 9    | 6      | 40     | 0.489     | -0.049    | 2.215 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 64.9 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 9    | 16     | 40     | 0.433     | -0.066    | 2.218 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 64.1 | 167        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 23  | 9    | 26     | 40     | 0.443     | -0.102    | 2.218 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 64.1 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 9    | 36     | 40     | 0.499     | -0.112    | 2.218 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 64.1 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 9    | 46     | 40     | 0.476     | -0.112    | 2.218 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 64.1 | 167        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 23  | 9    | 56     | 40     | 0.453     | -0.135    | 2.218 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 63.6 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 10   | 6      | 40     | 0.476     | -0.085    | 2.221 | 0.023     | 0.02      | 0         | 56.8 | 53.8 | 63.2 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 10   | 16     | 40     | 0.469     | -0.082    | 2.221 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 64.5 | 168        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 10   | 26     | 40     | 0.436     | -0.089    | 2.224 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 64.5 | 167        | 158        | 0          | 36     | 34     |
| 2009 | 6     | 23  | 10   | 36     | 40     | 0.528     | -0.118    | 2.228 | 0.023     | 0.02      | 0         | 56.8 | 53.8 | 64.1 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 10   | 46     | 40     | 0.476     | -0.089    | 2.228 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 65.4 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 10   | 56     | 40     | 0.456     | -0.052    | 2.228 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 64.5 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 11   | 6      | 40     | 0.489     | -0.075    | 2.228 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 64.9 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 11   | 16     | 40     | 0.459     | -0.039    | 2.228 | 0.02      | 0.016     | 0         | 57.6 | 54.2 | 64.5 | 168        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 11   | 26     | 40     | 0.472     | -0.102    | 2.231 | 0.023     | 0.023     | 0         | 57.2 | 54.2 | 64.5 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 11   | 36     | 40     | 0.44      | -0.069    | 2.231 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 64.5 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 11   | 46     | 40     | 0.482     | -0.056    | 2.231 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 65.4 | 167        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 23  | 11   | 56     | 40     | 0.505     | -0.079    | 2.231 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 64.1 | 167        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 12   | 6      | 40     | 0.456     | -0.056    | 2.234 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 64.9 | 166        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 12   | 16     | 40     | 0.456     | -0.069    | 2.234 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 65.4 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 12   | 26     | 40     | 0.449     | -0.121    | 2.231 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 55.9 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 12   | 36     | 40     | 0.518     | -0.052    | 2.234 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 65.4 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 12   | 46     | 40     | 0.479     | -0.105    | 2.234 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 64.9 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 12   | 56     | 40     | 0.463     | -0.108    | 2.231 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 50.7 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 13   | 6      | 40     | 0.528     | -0.033    | 2.234 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 52.5 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 13   | 16     | 40     | 0.495     | -0.056    | 2.231 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 52.9 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 13   | 26     | 40     | 0.463     | -0.075    | 2.231 | 0.016     | 0.016     | 0         | 56.8 | 53.8 | 54.2 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 13   | 36     | 40     | 0.459     | -0.016    | 2.231 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 45.2 | 168        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 23  | 13   | 46     | 40     | 0.492     | -0.098    | 2.231 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 50.3 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 13   | 56     | 40     | 0.479     | -0.046    | 2.238 | 0.016     | 0.016     | 0         | 56.8 | 54.2 | 65.4 | 167        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 23  | 14   | 6      | 40     | 0.482     | -0.128    | 2.234 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 50.7 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 14   | 16     | 40     | 0.489     | -0.052    | 2.234 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 44.7 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 14   | 26     | 40     | 0.492     | -0.059    | 2.234 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 49.9 | 167        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 23  | 14   | 36     | 40     | 0.502     | -0.056    | 2.234 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 46.9 | 167        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 23  | 14   | 46     | 40     | 0.482     | -0.085    | 2.234 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 42.6 | 166        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 23  | 14   | 56     | 40     | 0.499     | -0.043    | 2.241 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 59.3 | 167        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 15   | 6      | 40     | 0.499     | -0.033    | 2.234 | 0.016     | 0.016     | 0         | 57.2 | 54.2 | 44.7 | 167        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 23  | 15   | 16     | 40     | 0.466     | -0.03     | 2.238 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 46.9 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 15   | 26     | 40     | 0.43      | -0.062    | 2.234 | 0.026     | 0.023     | 0         | 57.2 | 54.6 | 44.3 | 167        | 159        | 0          | 34     | 32     |
| 2009 | 6     | 23  | 15   | 36     | 40     | 0.486     | -0.108    | 2.234 | 0.016     | 0.016     | 0         | 56.8 | 53.8 | 47.3 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 15   | 46     | 40     | 0.505     | -0.079    | 2.238 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 43   | 167        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 15   | 56     | 40     | 0.44      | -0.072    | 2.238 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 45.6 | 167        | 158        | 0          | 34     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 23  | 16   | 6      | 40     | 0.531     | -0.02     | 2.238 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 47.3 | 167        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 16   | 16     | 40     | 0.486     | -0.056    | 2.238 | 0.026     | 0.023     | 0         | 57.2 | 53.8 | 46.9 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 16   | 26     | 40     | 0.515     | -0.092    | 2.238 | 0.02      | 0.016     | 0         | 57.2 | 52.9 | 45.6 | 167        | 155        | 0          | 34     | 32     |
| 2009 | 6     | 23  | 16   | 36     | 40     | 0.456     | -0.039    | 2.241 | 0.023     | 0.02      | 0         | 57.2 | 55   | 52.5 | 167        | 160        | 0          | 34     | 32     |
| 2009 | 6     | 23  | 16   | 46     | 40     | 0.446     | -0.069    | 2.238 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 45.2 | 167        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 16   | 56     | 40     | 0.499     | -0.052    | 2.241 | 0.023     | 0.023     | 0         | 56.8 | 54.2 | 45.2 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 17   | 6      | 40     | 0.492     | -0.098    | 2.241 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 48.2 | 167        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 17   | 16     | 40     | 0.443     | -0.036    | 2.241 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 46.9 | 165        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 17   | 26     | 40     | 0.482     | -0.069    | 2.241 | 0.023     | 0.02      | 0         | 56.8 | 54.2 | 46.4 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 17   | 36     | 40     | 0.486     | -0.075    | 2.238 | 0.016     | 0.016     | 0         | 57.2 | 54.6 | 46   | 167        | 159        | 0          | 34     | 32     |
| 2009 | 6     | 23  | 17   | 46     | 40     | 0.476     | -0.069    | 2.241 | 0.016     | 0.016     | 0         | 57.2 | 54.6 | 47.3 | 167        | 159        | 0          | 34     | 32     |
| 2009 | 6     | 23  | 17   | 56     | 40     | 0.449     | -0.072    | 2.241 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 51.6 | 165        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 18   | 6      | 40     | 0.525     | -0.043    | 2.241 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 52   | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 18   | 16     | 40     | 0.495     | -0.056    | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 52.5 | 46.9 | 166        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 18   | 26     | 40     | 0.489     | -0.046    | 2.241 | 0.02      | 0.016     | 0         | 56.8 | 52.5 | 46.4 | 167        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 18   | 36     | 40     | 0.482     | -0.02     | 2.244 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 46.4 | 166        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 23  | 18   | 46     | 40     | 0.486     | -0.066    | 2.244 | 0.023     | 0.02      | 0         | 56.8 | 53.8 | 48.6 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 18   | 56     | 40     | 0.449     | -0.069    | 2.247 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 46.9 | 167        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 23  | 19   | 6      | 40     | 0.482     | -0.082    | 2.247 | 0.016     | 0.016     | 0         | 56.8 | 54.2 | 56.3 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 19   | 16     | 40     | 0.466     | -0.036    | 2.247 | 0.023     | 0.023     | 0         | 56.8 | 54.6 | 51.6 | 166        | 159        | 0          | 34     | 32     |
| 2009 | 6     | 23  | 19   | 26     | 40     | 0.449     | -0.059    | 2.251 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 70.1 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 19   | 36     | 40     | 0.525     | -0.082    | 2.251 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 70.1 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 19   | 46     | 40     | 0.456     | -0.072    | 2.251 | 0.02      | 0.016     | 0         | 57.6 | 54.6 | 70.5 | 168        | 159        | 0          | 34     | 32     |
| 2009 | 6     | 23  | 19   | 56     | 40     | 0.466     | -0.043    | 2.251 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 69.7 | 167        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 20   | 6      | 40     | 0.489     | -0.069    | 2.251 | 0.02      | 0.016     | 0         | 57.6 | 53.8 | 69.2 | 168        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 20   | 16     | 40     | 0.482     | -0.092    | 2.251 | 0.02      | 0.016     | 0         | 57.2 | 55   | 68.8 | 168        | 160        | 0          | 35     | 32     |
| 2009 | 6     | 23  | 20   | 26     | 40     | 0.486     | -0.052    | 2.251 | 0.02      | 0.016     | 0         | 57.6 | 54.6 | 69.7 | 168        | 160        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 20   | 36     | 40     | 0.495     | -0.033    | 2.251 | 0.02      | 0.016     | 0         | 57.6 | 54.2 | 69.2 | 168        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 20   | 46     | 40     | 0.499     | -0.052    | 2.251 | 0.023     | 0.02      | 0         | 58   | 54.6 | 68.4 | 169        | 159        | 0          | 34     | 32     |
| 2009 | 6     | 23  | 20   | 56     | 40     | 0.495     | -0.052    | 2.251 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 67.9 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 21   | 6      | 40     | 0.525     | -0.066    | 2.251 | 0.026     | 0.023     | 0         | 57.2 | 54.6 | 68.8 | 168        | 159        | 0          | 35     | 32     |
| 2009 | 6     | 23  | 21   | 16     | 40     | 0.463     | -0.062    | 2.251 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 67.9 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 21   | 26     | 40     | 0.492     | -0.066    | 2.251 | 0.023     | 0.02      | 0         | 57.6 | 54.6 | 67.9 | 168        | 159        | 0          | 34     | 32     |
| 2009 | 6     | 23  | 21   | 36     | 40     | 0.558     | -0.075    | 2.254 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 67.5 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 21   | 46     | 40     | 0.453     | -0.066    | 2.254 | 0.02      | 0.016     | 0         | 57.2 | 54.6 | 67.1 | 168        | 159        | 0          | 35     | 32     |
| 2009 | 6     | 23  | 21   | 56     | 40     | 0.472     | -0.039    | 2.254 | 0.02      | 0.016     | 0         | 57.2 | 54.6 | 67.5 | 167        | 159        | 0          | 34     | 32     |
| 2009 | 6     | 23  | 22   | 6      | 40     | 0.509     | -0.02     | 2.254 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 68.4 | 168        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 23  | 22   | 16     | 40     | 0.469     | -0.108    | 2.254 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 67.1 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 22   | 26     | 40     | 0.489     | -0.056    | 2.257 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 67.1 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 22   | 36     | 40     | 0.495     | -0.062    | 2.257 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 67.1 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 22   | 46     | 40     | 0.482     | -0.062    | 2.257 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 67.1 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 23  | 22   | 56     | 40     | 0.459     | -0.098    | 2.26  | 0.023     | 0.02      | 0         | 56.8 | 53.8 | 64.5 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 23   | 6      | 40     | 0.443     | -0.098    | 2.26  | 0.02      | 0.016     | 0         | 57.6 | 53.8 | 65.8 | 168        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 23   | 16     | 40     | 0.499     | -0.056    | 2.264 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 65.8 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 23   | 26     | 40     | 0.502     | -0.082    | 2.27  | 0.02      | 0.016     | 0         | 57.6 | 53.8 | 65.4 | 168        | 159        | 0          | 34     | 34     |
| 2009 | 6     | 23  | 23   | 36     | 40     | 0.495     | -0.082    | 2.274 | 0.016     | 0.016     | 0         | 56.8 | 53.8 | 65.4 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 23  | 23   | 46     | 40     | 0.469     | -0.069    | 2.274 | 0.02      | 0.016     | 0         | 56.3 | 54.6 | 66.7 | 167        | 159        | 0          | 36     | 32     |
| 2009 | 6     | 23  | 23   | 56     | 40     | 0.515     | -0.062    | 2.277 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 67.5 | 164        | 158        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 24  | 0    | 6      | 40     | 0.505     | -0.036    | 2.277 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 67.1 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 0    | 16     | 40     | 0.499     | -0.118    | 2.28  | 0.02      | 0.016     | 0         | 54.6 | 53.8 | 66.7 | 162        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 0    | 26     | 40     | 0.469     | -0.059    | 2.28  | 0.02      | 0.016     | 0         | 57.2 | 53.3 | 67.5 | 167        | 158        | 0          | 34     | 34     |
| 2009 | 6     | 24  | 0    | 36     | 40     | 0.489     | -0.062    | 2.283 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 68.4 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 0    | 46     | 40     | 0.476     | -0.082    | 2.283 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 67.9 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 0    | 56     | 40     | 0.42      | -0.069    | 2.283 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 68.4 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 1    | 6      | 40     | 0.522     | -0.095    | 2.283 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 68.4 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 1    | 16     | 40     | 0.528     | -0.036    | 2.287 | 0.023     | 0.02      | 0         | 56.8 | 53.8 | 67.9 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 1    | 26     | 40     | 0.476     | -0.075    | 2.287 | 0.016     | 0.016     | 0         | 57.2 | 54.2 | 67.5 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 1    | 36     | 40     | 0.479     | -0.052    | 2.29  | 0.016     | 0.016     | 0         | 57.2 | 54.2 | 67.1 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 1    | 46     | 40     | 0.492     | -0.049    | 2.29  | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 67.5 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 1    | 56     | 40     | 0.476     | -0.039    | 2.293 | 0.016     | 0.016     | 0         | 57.2 | 53.8 | 65.8 | 168        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 24  | 2    | 6      | 40     | 0.505     | -0.049    | 2.293 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 66.7 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 2    | 16     | 40     | 0.502     | -0.059    | 2.3   | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 65.4 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 2    | 26     | 40     | 0.505     | -0.052    | 2.306 | 0.02      | 0.016     | 0         | 57.6 | 54.2 | 65.4 | 168        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 2    | 36     | 40     | 0.466     | -0.069    | 2.31  | 0.016     | 0.016     | 0         | 56.8 | 54.2 | 66.7 | 167        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 24  | 2    | 46     | 40     | 0.535     | -0.043    | 2.313 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 67.1 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 2    | 56     | 40     | 0.469     | -0.069    | 2.316 | 0.023     | 0.02      | 0         | 56.8 | 53.8 | 68.4 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 3    | 6      | 40     | 0.495     | -0.043    | 2.316 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 69.7 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 3    | 16     | 40     | 0.499     | -0.089    | 2.32  | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 68.4 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 3    | 26     | 40     | 0.525     | -0.102    | 2.32  | 0.016     | 0.016     | 0         | 56.3 | 52.9 | 69.7 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 24  | 3    | 36     | 40     | 0.492     | -0.062    | 2.32  | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 69.7 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 3    | 46     | 40     | 0.459     | -0.079    | 2.323 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 67.5 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 3    | 56     | 40     | 0.482     | -0.069    | 2.323 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 68.4 | 166        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 24  | 4    | 6      | 40     | 0.453     | -0.069    | 2.326 | 0.023     | 0.023     | 0         | 55.9 | 53.3 | 67.5 | 166        | 157        | 0          | 36     | 33     |
| 2009 | 6     | 24  | 4    | 16     | 40     | 0.469     | -0.049    | 2.326 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 67.1 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 4    | 26     | 40     | 0.515     | -0.089    | 2.329 | 0.016     | 0.016     | 0         | 56.8 | 53.3 | 66.2 | 167        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 24  | 4    | 36     | 40     | 0.499     | -0.046    | 2.329 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 64.5 | 167        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 24  | 4    | 46     | 40     | 0.499     | -0.085    | 2.336 | 0.016     | 0.016     | 0         | 56.8 | 53.8 | 65.4 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 4    | 56     | 40     | 0.486     | -0.082    | 2.343 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 64.9 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 5    | 6      | 40     | 0.472     | -0.062    | 2.346 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 66.2 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 5    | 16     | 40     | 0.495     | -0.098    | 2.349 | 0.016     | 0.016     | 0         | 56.8 | 53.8 | 66.7 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 5    | 26     | 40     | 0.489     | -0.075    | 2.352 | 0.016     | 0.016     | 0         | 56.8 | 54.2 | 68.4 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 5    | 36     | 40     | 0.499     | -0.118    | 2.352 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 69.2 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 5    | 46     | 40     | 0.469     | -0.056    | 2.356 | 0.016     | 0.016     | 0         | 56.8 | 54.2 | 68.8 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 5    | 56     | 40     | 0.469     | -0.049    | 2.356 | 0.016     | 0.013     | 0         | 57.2 | 53.8 | 68.4 | 168        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 24  | 6    | 6      | 40     | 0.502     | -0.092    | 2.356 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 67.9 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 6    | 16     | 40     | 0.43      | -0.092    | 2.356 | 0.023     | 0.02      | 0         | 57.2 | 54.2 | 67.9 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 6    | 26     | 40     | 0.449     | -0.072    | 2.359 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 67.9 | 168        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 6    | 36     | 40     | 0.44      | -0.092    | 2.359 | 0.02      | 0.016     | 0         | 57.6 | 54.2 | 67.5 | 168        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 6    | 46     | 40     | 0.522     | -0.085    | 2.362 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 67.1 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 6    | 56     | 40     | 0.449     | -0.092    | 2.362 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 67.1 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 7    | 6      | 40     | 0.515     | -0.03     | 2.365 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 66.2 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 7    | 16     | 40     | 0.515     | -0.089    | 2.365 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 64.9 | 167        | 158        | 0          | 36     | 33     |
| 2009 | 6     | 24  | 7    | 26     | 40     | 0.486     | -0.056    | 2.369 | 0.02      | 0.016     | 0         | 57.2 | 53.3 | 65.4 | 168        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 24  | 7    | 36     | 40     | 0.502     | -0.059    | 2.372 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 64.9 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 7    | 46     | 40     | 0.459     | -0.079    | 2.379 | 0.016     | 0.013     | 0         | 56.8 | 53.3 | 64.5 | 167        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 24  | 7    | 56     | 40     | 0.469     | -0.112    | 2.382 | 0.016     | 0.016     | 0         | 56.8 | 53.3 | 65.8 | 167        | 157        | 0          | 35     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 24  | 8    | 6      | 40     | 0.531     | -0.066    | 2.385 | 0.016     | 0.016     | 0         | 56.8 | 53.8 | 67.1 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 8    | 16     | 40     | 0.486     | -0.082    | 2.385 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 67.5 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 24  | 8    | 26     | 40     | 0.535     | -0.049    | 2.388 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 67.5 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 8    | 36     | 40     | 0.482     | -0.079    | 2.388 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 68.4 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 8    | 46     | 40     | 0.525     | -0.085    | 2.392 | 0.02      | 0.016     | 0         | 56.8 | 53.3 | 67.5 | 167        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 24  | 8    | 56     | 40     | 0.505     | -0.052    | 2.392 | 0.016     | 0.016     | 0         | 56.8 | 53.3 | 68.8 | 167        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 24  | 9    | 6      | 40     | 0.499     | -0.072    | 2.395 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 69.2 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 9    | 16     | 40     | 0.528     | -0.059    | 2.395 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 68.8 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 9    | 26     | 40     | 0.525     | -0.112    | 2.395 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 68.8 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 9    | 36     | 40     | 0.509     | -0.013    | 2.395 | 0.016     | 0.016     | 0         | 56.8 | 53.8 | 68.4 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 9    | 46     | 40     | 0.538     | -0.062    | 2.398 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 68.8 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 9    | 56     | 40     | 0.545     | -0.052    | 2.398 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 68.4 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 10   | 6      | 40     | 0.489     | -0.085    | 2.398 | 0.026     | 0.026     | 0         | 56.8 | 53.3 | 68.4 | 167        | 158        | 0          | 35     | 34     |
| 2009 | 6     | 24  | 10   | 16     | 40     | 0.518     | -0.102    | 2.398 | 0.016     | 0.016     | 0         | 56.8 | 53.8 | 67.9 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 10   | 26     | 40     | 0.505     | -0.092    | 2.402 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 67.9 | 167        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 24  | 10   | 36     | 40     | 0.476     | -0.082    | 2.402 | 0.023     | 0.02      | 0         | 56.8 | 53.8 | 67.5 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 10   | 46     | 40     | 0.476     | -0.072    | 2.402 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 67.9 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 10   | 56     | 40     | 0.538     | -0.079    | 2.405 | 0.016     | 0.016     | 0         | 56.8 | 53.8 | 67.9 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 11   | 6      | 40     | 0.509     | -0.066    | 2.405 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 67.9 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 11   | 16     | 40     | 0.522     | -0.023    | 2.405 | 0.016     | 0.016     | 0         | 56.3 | 53.8 | 58.5 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 11   | 26     | 40     | 0.495     | -0.085    | 2.405 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 51.2 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 11   | 36     | 40     | 0.581     | -0.049    | 2.405 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 51.6 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 11   | 46     | 40     | 0.472     | -0.046    | 2.408 | 0.016     | 0.016     | 0         | 56.3 | 53.8 | 46.4 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 11   | 56     | 40     | 0.512     | -0.095    | 2.408 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 46.9 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 12   | 6      | 40     | 0.482     | -0.039    | 2.408 | 0.02      | 0.016     | 0         | 56.3 | 54.2 | 45.2 | 166        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 24  | 12   | 16     | 40     | 0.509     | -0.052    | 2.411 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 47.3 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 12   | 26     | 40     | 0.499     | -0.085    | 2.415 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 46.4 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 24  | 12   | 36     | 40     | 0.515     | -0.102    | 2.415 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 45.2 | 165        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 24  | 12   | 46     | 40     | 0.535     | -0.069    | 2.415 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 48.6 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 12   | 56     | 40     | 0.574     | -0.075    | 2.411 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 53.3 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 13   | 6      | 40     | 0.499     | -0.052    | 2.415 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 45.6 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 13   | 16     | 40     | 0.525     | -0.075    | 2.418 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 48.6 | 166        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 13   | 26     | 40     | 0.495     | -0.062    | 2.415 | 0.016     | 0.016     | 0         | 56.3 | 53.8 | 49.9 | 165        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 24  | 13   | 36     | 40     | 0.538     | -0.023    | 2.415 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 52   | 166        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 24  | 13   | 46     | 40     | 0.492     | -0.085    | 2.415 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 53.3 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 13   | 56     | 40     | 0.531     | -0.075    | 2.418 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 50.7 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 14   | 6      | 40     | 0.512     | -0.056    | 2.418 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 49   | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 14   | 16     | 40     | 0.528     | -0.085    | 2.421 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 49   | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 14   | 26     | 40     | 0.505     | -0.079    | 2.418 | 0.02      | 0.016     | 0         | 57.2 | 54.6 | 48.6 | 167        | 159        | 0          | 34     | 32     |
| 2009 | 6     | 24  | 14   | 36     | 40     | 0.449     | -0.056    | 2.421 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 47.3 | 167        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 14   | 46     | 40     | 0.502     | -0.043    | 2.418 | 0.02      | 0.016     | 0         | 57.2 | 54.6 | 47.3 | 167        | 159        | 0          | 34     | 32     |
| 2009 | 6     | 24  | 14   | 56     | 40     | 0.502     | -0.108    | 2.421 | 0.016     | 0.013     | 0         | 56.8 | 54.2 | 45.6 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 15   | 6      | 40     | 0.492     | -0.085    | 2.421 | 0.02      | 0.016     | 0         | 57.2 | 54.6 | 47.7 | 167        | 159        | 0          | 34     | 32     |
| 2009 | 6     | 24  | 15   | 16     | 40     | 0.522     | -0.112    | 2.425 | 0.02      | 0.016     | 0         | 56.8 | 54.6 | 46   | 167        | 159        | 0          | 35     | 32     |
| 2009 | 6     | 24  | 15   | 26     | 40     | 0.531     | -0.043    | 2.425 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 45.6 | 167        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 24  | 15   | 36     | 40     | 0.492     | -0.085    | 2.425 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 45.2 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 15   | 46     | 40     | 0.554     | -0.075    | 2.421 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 49.5 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 15   | 56     | 40     | 0.538     | -0.089    | 2.421 | 0.02      | 0.016     | 0         | 56.3 | 54.6 | 49.5 | 166        | 159        | 0          | 35     | 32     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 24  | 16   | 6      | 40     | 0.6       | -0.062    | 2.425 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 49.9 | 167        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 24  | 16   | 16     | 40     | 0.509     | -0.092    | 2.425 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 46.9 | 167        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 16   | 26     | 40     | 0.541     | -0.066    | 2.428 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 46.4 | 167        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 16   | 36     | 40     | 0.564     | -0.082    | 2.425 | 0.023     | 0.02      | 0         | 57.2 | 53.8 | 49   | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 16   | 46     | 40     | 0.548     | -0.092    | 2.428 | 0.016     | 0.016     | 0         | 57.2 | 54.6 | 45.6 | 168        | 159        | 0          | 35     | 32     |
| 2009 | 6     | 24  | 16   | 56     | 40     | 0.495     | -0.095    | 2.425 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 46   | 167        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 17   | 6      | 40     | 0.531     | -0.098    | 2.425 | 0.016     | 0.016     | 0         | 57.2 | 54.2 | 49.9 | 168        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 17   | 16     | 40     | 0.538     | -0.059    | 2.425 | 0.023     | 0.02      | 0         | 57.2 | 54.2 | 45.2 | 167        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 17   | 26     | 40     | 0.531     | -0.075    | 2.428 | 0.016     | 0.016     | 0         | 57.2 | 55   | 46.9 | 167        | 160        | 0          | 34     | 32     |
| 2009 | 6     | 24  | 17   | 36     | 40     | 0.541     | -0.066    | 2.425 | 0.016     | 0.016     | 0         | 56.8 | 54.6 | 45.2 | 167        | 159        | 0          | 35     | 32     |
| 2009 | 6     | 24  | 17   | 46     | 40     | 0.591     | -0.046    | 2.428 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 48.6 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 17   | 56     | 40     | 0.535     | -0.046    | 2.428 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 45.2 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 18   | 6      | 40     | 0.482     | -0.052    | 2.428 | 0.02      | 0.016     | 0         | 53.8 | 54.2 | 48.2 | 160        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 18   | 16     | 40     | 0.564     | -0.043    | 2.425 | 0.02      | 0.016     | 0         | 55   | 53.8 | 49.5 | 162        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 18   | 26     | 40     | 0.522     | -0.085    | 2.428 | 0.02      | 0.016     | 0         | 57.6 | 53.8 | 46   | 168        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 18   | 36     | 40     | 0.62      | -0.052    | 2.428 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 47.3 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 18   | 46     | 40     | 0.528     | -0.072    | 2.428 | 0.023     | 0.02      | 0         | 57.2 | 53.8 | 52.9 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 18   | 56     | 40     | 0.548     | -0.085    | 2.428 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 48.2 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 19   | 6      | 40     | 0.538     | -0.082    | 2.431 | 0.016     | 0.016     | 0         | 57.2 | 53.8 | 56.8 | 167        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 24  | 19   | 16     | 40     | 0.577     | -0.072    | 2.431 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 46.4 | 167        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 24  | 19   | 26     | 40     | 0.6       | -0.033    | 2.434 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 54.6 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 19   | 36     | 40     | 0.531     | -0.043    | 2.434 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 66.2 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 19   | 46     | 40     | 0.482     | -0.046    | 2.438 | 0.016     | 0.016     | 0         | 57.2 | 53.8 | 67.1 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 19   | 56     | 40     | 0.538     | -0.085    | 2.438 | 0.016     | 0.016     | 0         | 56.8 | 53.8 | 66.7 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 20   | 6      | 40     | 0.522     | -0.102    | 2.438 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 67.1 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 20   | 16     | 40     | 0.522     | -0.069    | 2.438 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 66.7 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 20   | 26     | 40     | 0.446     | -0.079    | 2.438 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 66.7 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 20   | 36     | 40     | 0.509     | -0.069    | 2.438 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 67.1 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 20   | 46     | 40     | 0.515     | -0.062    | 2.438 | 0.023     | 0.02      | 0         | 56.8 | 53.3 | 68.8 | 166        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 20   | 56     | 40     | 0.584     | -0.072    | 2.441 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 68.4 | 166        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 24  | 21   | 6      | 40     | 0.548     | -0.059    | 2.438 | 0.016     | 0.013     | 0         | 55.9 | 53.3 | 67.5 | 165        | 156        | 0          | 35     | 32     |
| 2009 | 6     | 24  | 21   | 16     | 40     | 0.531     | -0.056    | 2.441 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 69.2 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 21   | 26     | 40     | 0.535     | -0.098    | 2.441 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 68.4 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 21   | 36     | 40     | 0.535     | -0.075    | 2.441 | 0.02      | 0.016     | 0         | 55.5 | 53.3 | 69.2 | 163        | 156        | 0          | 34     | 32     |
| 2009 | 6     | 24  | 21   | 46     | 40     | 0.581     | -0.125    | 2.441 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 69.7 | 165        | 156        | 0          | 34     | 32     |
| 2009 | 6     | 24  | 21   | 56     | 40     | 0.551     | -0.098    | 2.441 | 0.016     | 0.016     | 0         | 56.3 | 52.5 | 71   | 165        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 22   | 6      | 40     | 0.528     | -0.033    | 2.441 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 70.5 | 165        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 22   | 16     | 40     | 0.554     | -0.062    | 2.441 | 0.016     | 0.016     | 0         | 56.3 | 52.9 | 70.5 | 165        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 22   | 26     | 40     | 0.502     | -0.069    | 2.441 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 69.2 | 165        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 22   | 36     | 40     | 0.512     | -0.056    | 2.441 | 0.016     | 0.013     | 0         | 56.3 | 52.5 | 68.8 | 165        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 24  | 22   | 46     | 40     | 0.502     | -0.082    | 2.441 | 0.016     | 0.016     | 0         | 55.5 | 52.9 | 68.8 | 164        | 155        | 0          | 35     | 32     |
| 2009 | 6     | 24  | 22   | 56     | 40     | 0.486     | -0.069    | 2.441 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 68.8 | 165        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 23   | 6      | 40     | 0.541     | -0.049    | 2.441 | 0.016     | 0.016     | 0         | 55.9 | 52.9 | 68.4 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 23   | 16     | 40     | 0.535     | -0.069    | 2.441 | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 69.2 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 23   | 26     | 40     | 0.538     | -0.049    | 2.444 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 68.8 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 23   | 36     | 40     | 0.535     | -0.085    | 2.444 | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 67.9 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 23   | 46     | 40     | 0.564     | -0.059    | 2.444 | 0.023     | 0.02      | 0         | 55.5 | 52.5 | 69.2 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 24  | 23   | 56     | 40     | 0.548     | -0.056    | 2.444 | 0.016     | 0.016     | 0         | 55.9 | 52.9 | 68.8 | 164        | 155        | 0          | 34     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 25  | 0    | 6      | 40     | 0.499     | -0.049    | 2.444 | 0.016     | 0.013     | 0         | 55.5 | 52.5 | 67.5 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 0    | 16     | 40     | 0.492     | -0.049    | 2.444 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 68.8 | 164        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 0    | 26     | 40     | 0.512     | -0.112    | 2.444 | 0.02      | 0.016     | 0         | 54.6 | 52.9 | 67.9 | 162        | 155        | 0          | 35     | 32     |
| 2009 | 6     | 25  | 0    | 36     | 40     | 0.558     | -0.066    | 2.444 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 67.9 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 0    | 46     | 40     | 0.577     | -0.069    | 2.444 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 67.1 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 0    | 56     | 40     | 0.512     | -0.049    | 2.444 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 67.9 | 164        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 25  | 1    | 6      | 40     | 0.548     | -0.03     | 2.444 | 0.016     | 0.013     | 0         | 55.9 | 52.9 | 67.5 | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 1    | 16     | 40     | 0.479     | -0.069    | 2.444 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 67.1 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 1    | 26     | 40     | 0.554     | -0.085    | 2.444 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 67.5 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 1    | 36     | 40     | 0.518     | -0.075    | 2.444 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 66.7 | 165        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 1    | 46     | 40     | 0.463     | -0.069    | 2.444 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 67.1 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 1    | 56     | 40     | 0.518     | -0.049    | 2.444 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 66.7 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 2    | 6      | 40     | 0.515     | -0.072    | 2.448 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 66.7 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 2    | 16     | 40     | 0.581     | -0.069    | 2.448 | 0.016     | 0.016     | 0         | 55.9 | 52.9 | 67.1 | 164        | 155        | 0          | 34     | 32     |
| 2009 | 6     | 25  | 2    | 26     | 40     | 0.577     | -0.092    | 2.448 | 0.016     | 0.013     | 0         | 55.5 | 52.5 | 66.7 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 2    | 36     | 40     | 0.568     | -0.049    | 2.448 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 66.7 | 164        | 155        | 0          | 35     | 32     |
| 2009 | 6     | 25  | 2    | 46     | 40     | 0.538     | -0.062    | 2.448 | 0.02      | 0.016     | 0         | 55.9 | 52   | 65.4 | 164        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 25  | 2    | 56     | 40     | 0.554     | -0.039    | 2.448 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 66.2 | 164        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 3    | 6      | 40     | 0.531     | -0.095    | 2.448 | 0.016     | 0.016     | 0         | 52.5 | 52   | 65.4 | 157        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 3    | 16     | 40     | 0.558     | -0.098    | 2.448 | 0.016     | 0.016     | 0         | 55.5 | 52   | 65.4 | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 3    | 26     | 40     | 0.515     | -0.072    | 2.448 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 65.8 | 164        | 155        | 0          | 35     | 32     |
| 2009 | 6     | 25  | 3    | 36     | 40     | 0.505     | -0.148    | 2.451 | 0.016     | 0.013     | 0         | 55.5 | 52   | 66.2 | 164        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 25  | 3    | 46     | 40     | 0.489     | -0.059    | 2.451 | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 65.8 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 3    | 56     | 40     | 0.574     | -0.079    | 2.454 | 0.02      | 0.016     | 0         | 55   | 51.6 | 65.8 | 163        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 25  | 4    | 6      | 40     | 0.522     | -0.079    | 2.457 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 65.4 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 4    | 16     | 40     | 0.492     | -0.079    | 2.457 | 0.02      | 0.016     | 0         | 55   | 52.5 | 65.8 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 4    | 26     | 40     | 0.489     | -0.105    | 2.461 | 0.02      | 0.016     | 0         | 53.8 | 51.2 | 67.1 | 160        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 4    | 36     | 40     | 0.541     | -0.069    | 2.461 | 0.023     | 0.02      | 0         | 55   | 52   | 65.4 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 4    | 46     | 40     | 0.574     | -0.082    | 2.461 | 0.02      | 0.016     | 0         | 55.5 | 52   | 65.4 | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 4    | 56     | 40     | 0.554     | -0.026    | 2.464 | 0.016     | 0.013     | 0         | 55.5 | 52.5 | 65.8 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 5    | 6      | 40     | 0.469     | -0.098    | 2.464 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 65.8 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 5    | 16     | 40     | 0.522     | -0.102    | 2.464 | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 66.2 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 5    | 26     | 40     | 0.571     | -0.059    | 2.464 | 0.016     | 0.016     | 0         | 55.5 | 52   | 67.1 | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 5    | 36     | 40     | 0.502     | -0.085    | 2.467 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 67.5 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 5    | 46     | 40     | 0.584     | -0.075    | 2.467 | 0.02      | 0.016     | 0         | 55.5 | 52   | 67.5 | 164        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 5    | 56     | 40     | 0.502     | -0.066    | 2.467 | 0.02      | 0.016     | 0         | 55.5 | 52   | 67.1 | 164        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 25  | 6    | 6      | 40     | 0.486     | -0.066    | 2.467 | 0.016     | 0.013     | 0         | 55.5 | 52.5 | 67.5 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 6    | 16     | 40     | 0.538     | -0.066    | 2.467 | 0.016     | 0.013     | 0         | 55.5 | 52.9 | 67.9 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 6    | 26     | 40     | 0.561     | -0.043    | 2.467 | 0.023     | 0.02      | 0         | 55.5 | 52.5 | 67.9 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 6    | 36     | 40     | 0.541     | -0.049    | 2.467 | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 67.5 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 6    | 46     | 40     | 0.538     | -0.02     | 2.47  | 0.02      | 0.016     | 0         | 55   | 52   | 68.8 | 164        | 155        | 0          | 36     | 34     |
| 2009 | 6     | 25  | 6    | 56     | 40     | 0.522     | -0.049    | 2.47  | 0.016     | 0.013     | 0         | 55.5 | 52.5 | 68.4 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 7    | 6      | 40     | 0.489     | -0.085    | 2.47  | 0.02      | 0.016     | 0         | 55   | 52.5 | 68.8 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 7    | 16     | 40     | 0.479     | -0.069    | 2.47  | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 69.2 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 7    | 26     | 40     | 0.548     | -0.072    | 2.47  | 0.016     | 0.016     | 0         | 55   | 52   | 68.8 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 7    | 36     | 40     | 0.538     | -0.082    | 2.47  | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 69.2 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 7    | 46     | 40     | 0.577     | -0.082    | 2.47  | 0.02      | 0.016     | 0         | 55.5 | 52   | 68.8 | 164        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 7    | 56     | 40     | 0.61      | -0.085    | 2.47  | 0.02      | 0.016     | 0         | 55   | 52   | 69.2 | 163        | 154        | 0          | 35     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 25  | 8    | 6      | 40     | 0.518     | -0.066    | 2.47  | 0.02      | 0.016     | 0         | 55   | 51.6 | 68.4 | 163        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 25  | 8    | 16     | 40     | 0.535     | -0.092    | 2.47  | 0.016     | 0.016     | 0         | 55.5 | 52   | 68.8 | 164        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 8    | 26     | 40     | 0.528     | -0.102    | 2.47  | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 69.7 | 164        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 8    | 36     | 40     | 0.564     | -0.095    | 2.474 | 0.016     | 0.016     | 0         | 55   | 51.6 | 69.2 | 163        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 25  | 8    | 46     | 40     | 0.512     | -0.059    | 2.474 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 69.2 | 164        | 154        | 0          | 35     | 32     |
| 2009 | 6     | 25  | 8    | 56     | 40     | 0.545     | -0.092    | 2.474 | 0.016     | 0.016     | 0         | 55.5 | 52   | 69.7 | 164        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 25  | 9    | 6      | 40     | 0.545     | -0.052    | 2.474 | 0.023     | 0.02      | 0         | 55   | 52   | 69.7 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 9    | 16     | 40     | 0.495     | -0.049    | 2.474 | 0.016     | 0.016     | 0         | 55   | 52   | 70.1 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 9    | 26     | 40     | 0.525     | -0.089    | 2.474 | 0.016     | 0.016     | 0         | 55   | 52.5 | 69.7 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 9    | 36     | 40     | 0.492     | -0.079    | 2.474 | 0.02      | 0.016     | 0         | 55   | 52   | 70.1 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 9    | 46     | 40     | 0.541     | -0.069    | 2.474 | 0.02      | 0.016     | 0         | 55   | 52   | 70.1 | 163        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 25  | 9    | 56     | 40     | 0.518     | -0.118    | 2.474 | 0.016     | 0.016     | 0         | 55   | 52   | 70.1 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 10   | 6      | 40     | 0.525     | -0.056    | 2.477 | 0.02      | 0.016     | 0         | 55   | 52   | 67.5 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 10   | 16     | 40     | 0.528     | -0.059    | 2.477 | 0.016     | 0.016     | 0         | 55.5 | 52   | 70.5 | 164        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 25  | 10   | 26     | 40     | 0.531     | -0.085    | 2.477 | 0.023     | 0.02      | 0         | 55.5 | 52.5 | 66.7 | 163        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 10   | 36     | 40     | 0.525     | -0.072    | 2.474 | 0.016     | 0.013     | 0         | 55   | 52   | 51.6 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 10   | 46     | 40     | 0.502     | -0.052    | 2.474 | 0.02      | 0.016     | 0         | 55.5 | 52   | 56.8 | 164        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 25  | 10   | 56     | 40     | 0.568     | -0.082    | 2.477 | 0.02      | 0.016     | 0         | 55   | 52   | 52.9 | 163        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 25  | 11   | 6      | 40     | 0.554     | -0.056    | 2.477 | 0.016     | 0.016     | 0         | 55.5 | 52   | 51.6 | 164        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 25  | 11   | 16     | 40     | 0.525     | -0.075    | 2.474 | 0.016     | 0.016     | 0         | 55.9 | 53.3 | 43.9 | 165        | 156        | 0          | 35     | 32     |
| 2009 | 6     | 25  | 11   | 26     | 40     | 0.515     | -0.085    | 2.474 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 47.3 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 11   | 36     | 40     | 0.554     | -0.062    | 2.474 | 0.023     | 0.02      | 0         | 55.5 | 52.9 | 46.4 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 11   | 46     | 40     | 0.554     | -0.072    | 2.477 | 0.016     | 0.016     | 0         | 55.9 | 52.5 | 48.6 | 165        | 156        | 0          | 35     | 34     |
| 2009 | 6     | 25  | 11   | 56     | 40     | 0.554     | -0.069    | 2.477 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 49   | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 12   | 6      | 40     | 0.568     | -0.059    | 2.477 | 0.016     | 0.016     | 0         | 55.9 | 53.3 | 49.9 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 12   | 16     | 40     | 0.554     | -0.062    | 2.477 | 0.016     | 0.016     | 0         | 55.9 | 53.3 | 47.3 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 12   | 26     | 40     | 0.548     | -0.023    | 2.477 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 48.6 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 12   | 36     | 40     | 0.528     | -0.052    | 2.477 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 48.2 | 166        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 25  | 12   | 46     | 40     | 0.548     | -0.079    | 2.474 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 45.6 | 166        | 157        | 0          | 35     | 34     |
| 2009 | 6     | 25  | 12   | 56     | 40     | 0.531     | -0.043    | 2.474 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 45.6 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 13   | 6      | 40     | 0.499     | -0.023    | 2.477 | 0.016     | 0.016     | 0         | 56.8 | 54.2 | 47.3 | 166        | 158        | 0          | 34     | 32     |
| 2009 | 6     | 25  | 13   | 16     | 40     | 0.512     | -0.052    | 2.474 | 0.016     | 0.016     | 0         | 56.8 | 54.6 | 46.9 | 167        | 159        | 0          | 35     | 32     |
| 2009 | 6     | 25  | 13   | 26     | 40     | 0.545     | -0.069    | 2.474 | 0.016     | 0.016     | 0         | 57.2 | 54.2 | 48.6 | 167        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 13   | 36     | 40     | 0.541     | -0.082    | 2.474 | 0.016     | 0.013     | 0         | 56.8 | 53.8 | 46.4 | 167        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 13   | 46     | 40     | 0.594     | -0.046    | 2.474 | 0.02      | 0.016     | 0         | 57.2 | 53.8 | 46.9 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 13   | 56     | 40     | 0.561     | -0.056    | 2.474 | 0.02      | 0.016     | 0         | 57.2 | 54.2 | 44.7 | 167        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 14   | 6      | 40     | 0.551     | -0.039    | 2.474 | 0.02      | 0.016     | 0         | 56.8 | 54.6 | 44.7 | 167        | 159        | 0          | 35     | 32     |
| 2009 | 6     | 25  | 14   | 16     | 40     | 0.551     | -0.033    | 2.474 | 0.02      | 0.016     | 0         | 56.8 | 54.6 | 47.3 | 167        | 159        | 0          | 35     | 32     |
| 2009 | 6     | 25  | 14   | 26     | 40     | 0.551     | -0.056    | 2.474 | 0.016     | 0.013     | 0         | 57.2 | 54.2 | 48.2 | 167        | 159        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 14   | 36     | 40     | 0.584     | -0.079    | 2.474 | 0.02      | 0.016     | 0         | 56.8 | 54.6 | 49   | 167        | 159        | 0          | 35     | 32     |
| 2009 | 6     | 25  | 14   | 46     | 40     | 0.518     | -0.075    | 2.474 | 0.016     | 0.016     | 0         | 57.2 | 53.8 | 47.3 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 14   | 56     | 40     | 0.548     | -0.02     | 2.474 | 0.016     | 0.016     | 0         | 57.2 | 54.6 | 46.4 | 167        | 159        | 0          | 34     | 32     |
| 2009 | 6     | 25  | 15   | 6      | 40     | 0.528     | -0.079    | 2.474 | 0.016     | 0.016     | 0         | 56.8 | 54.2 | 44.7 | 167        | 158        | 0          | 35     | 32     |
| 2009 | 6     | 25  | 15   | 16     | 40     | 0.522     | -0.075    | 2.474 | 0.02      | 0.016     | 0         | 56.8 | 54.2 | 43.9 | 167        | 159        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 15   | 26     | 40     | 0.489     | -0.023    | 2.474 | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 46   | 167        | 159        | 0          | 35     | 34     |
| 2009 | 6     | 25  | 15   | 36     | 40     | 0.502     | -0.059    | 2.47  | 0.016     | 0.016     | 0         | 57.2 | 53.8 | 47.7 | 167        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 15   | 46     | 40     | 0.509     | -0.066    | 2.474 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 48.2 | 166        | 158        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 15   | 56     | 40     | 0.591     | -0.052    | 2.47  | 0.016     | 0.016     | 0         | 56.8 | 54.2 | 48.2 | 166        | 158        | 0          | 34     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 25  | 16   | 6      | 40     | 0.525     | -0.043    | 2.47  | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 46.4 | 165        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 25  | 16   | 16     | 40     | 0.571     | -0.059    | 2.47  | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 45.6 | 166        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 25  | 16   | 26     | 40     | 0.561     | -0.056    | 2.47  | 0.016     | 0.016     | 0         | 55.9 | 53.3 | 48.6 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 16   | 36     | 40     | 0.541     | -0.082    | 2.47  | 0.02      | 0.016     | 0         | 56.8 | 53.8 | 45.6 | 166        | 158        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 16   | 46     | 40     | 0.535     | -0.052    | 2.47  | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 45.6 | 165        | 157        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 16   | 56     | 40     | 0.574     | -0.066    | 2.467 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 45.2 | 165        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 25  | 17   | 6      | 40     | 0.564     | -0.075    | 2.467 | 0.023     | 0.02      | 0         | 56.3 | 53.8 | 46.9 | 165        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 25  | 17   | 16     | 40     | 0.581     | -0.049    | 2.467 | 0.02      | 0.016     | 0         | 56.3 | 53.3 | 47.7 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 17   | 26     | 40     | 0.548     | -0.049    | 2.47  | 0.02      | 0.016     | 0         | 55.9 | 50.3 | 41.7 | 165        | 150        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 17   | 36     | 40     | 0.574     | -0.033    | 2.467 | 0.02      | 0.016     | 0         | 56.3 | 53.8 | 45.6 | 165        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 25  | 17   | 46     | 40     | 0.584     | -0.03     | 2.467 | 0.016     | 0.013     | 0         | 56.3 | 53.8 | 46.9 | 165        | 157        | 0          | 34     | 32     |
| 2009 | 6     | 25  | 17   | 56     | 40     | 0.548     | -0.049    | 2.467 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 45.6 | 165        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 25  | 18   | 6      | 40     | 0.528     | -0.069    | 2.464 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 45.6 | 165        | 157        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 18   | 16     | 40     | 0.541     | -0.098    | 2.464 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 47.7 | 165        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 18   | 26     | 40     | 0.522     | -0.079    | 2.467 | 0.02      | 0.016     | 0         | 55.9 | 53.3 | 44.7 | 165        | 156        | 0          | 35     | 32     |
| 2009 | 6     | 25  | 18   | 36     | 40     | 0.554     | -0.069    | 2.467 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 49   | 165        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 18   | 46     | 40     | 0.568     | -0.085    | 2.467 | 0.016     | 0.016     | 0         | 56.3 | 53.3 | 46   | 165        | 156        | 0          | 34     | 32     |
| 2009 | 6     | 25  | 18   | 56     | 40     | 0.604     | -0.036    | 2.464 | 0.016     | 0.016     | 0         | 56.3 | 52.9 | 43.9 | 165        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 19   | 6      | 40     | 0.522     | -0.052    | 2.467 | 0.02      | 0.016     | 0         | 56.3 | 52.9 | 50.3 | 165        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 19   | 16     | 40     | 0.538     | -0.085    | 2.464 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 46.9 | 164        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 19   | 26     | 40     | 0.525     | -0.059    | 2.467 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 49   | 164        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 19   | 36     | 40     | 0.541     | -0.036    | 2.467 | 0.02      | 0.016     | 0         | 55.9 | 53.8 | 49.5 | 165        | 157        | 0          | 35     | 32     |
| 2009 | 6     | 25  | 19   | 46     | 40     | 0.502     | -0.092    | 2.474 | 0.02      | 0.016     | 0         | 54.2 | 52.9 | 64.5 | 160        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 19   | 56     | 40     | 0.551     | -0.072    | 2.47  | 0.016     | 0.016     | 0         | 55.5 | 53.3 | 62.8 | 164        | 156        | 0          | 35     | 32     |
| 2009 | 6     | 25  | 20   | 6      | 40     | 0.581     | -0.069    | 2.474 | 0.016     | 0.016     | 0         | 55.9 | 52.5 | 64.1 | 164        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 20   | 16     | 40     | 0.505     | -0.046    | 2.474 | 0.016     | 0.016     | 0         | 56.3 | 52.9 | 65.4 | 165        | 156        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 20   | 26     | 40     | 0.535     | -0.082    | 2.474 | 0.016     | 0.016     | 0         | 55.5 | 52.9 | 66.2 | 164        | 156        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 20   | 36     | 40     | 0.502     | -0.108    | 2.474 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 65.4 | 164        | 155        | 0          | 34     | 32     |
| 2009 | 6     | 25  | 20   | 46     | 40     | 0.515     | -0.059    | 2.47  | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 52.5 | 164        | 155        | 0          | 34     | 32     |
| 2009 | 6     | 25  | 20   | 56     | 40     | 0.535     | -0.039    | 2.47  | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 53.3 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 21   | 6      | 40     | 0.499     | -0.105    | 2.474 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 66.2 | 164        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 21   | 16     | 40     | 0.545     | -0.072    | 2.474 | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 66.7 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 21   | 26     | 40     | 0.584     | -0.085    | 2.474 | 0.016     | 0.016     | 0         | 55   | 52   | 67.5 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 21   | 36     | 40     | 0.528     | -0.052    | 2.474 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 67.1 | 163        | 155        | 0          | 34     | 32     |
| 2009 | 6     | 25  | 21   | 46     | 40     | 0.594     | -0.069    | 2.474 | 0.016     | 0.016     | 0         | 55   | 52   | 67.9 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 21   | 56     | 40     | 0.548     | -0.082    | 2.474 | 0.02      | 0.016     | 0         | 55   | 52   | 67.9 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 22   | 6      | 40     | 0.486     | -0.069    | 2.474 | 0.016     | 0.016     | 0         | 55   | 52.5 | 67.9 | 163        | 154        | 0          | 35     | 32     |
| 2009 | 6     | 25  | 22   | 16     | 40     | 0.561     | -0.069    | 2.474 | 0.02      | 0.016     | 0         | 55   | 51.6 | 67.9 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 22   | 26     | 40     | 0.538     | -0.095    | 2.474 | 0.016     | 0.016     | 0         | 55   | 51.2 | 68.4 | 163        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 25  | 22   | 36     | 40     | 0.63      | -0.085    | 2.474 | 0.02      | 0.016     | 0         | 54.6 | 52   | 67.9 | 162        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 22   | 46     | 40     | 0.548     | -0.039    | 2.477 | 0.016     | 0.013     | 0         | 55   | 52   | 68.8 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 22   | 56     | 40     | 0.551     | -0.069    | 2.474 | 0.016     | 0.013     | 0         | 55   | 52   | 64.9 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 23   | 6      | 40     | 0.492     | -0.036    | 2.477 | 0.016     | 0.016     | 0         | 55.9 | 52.5 | 68.4 | 164        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 25  | 23   | 16     | 40     | 0.522     | -0.085    | 2.477 | 0.016     | 0.013     | 0         | 55.5 | 52.9 | 68.4 | 163        | 155        | 0          | 34     | 32     |
| 2009 | 6     | 25  | 23   | 26     | 40     | 0.558     | -0.049    | 2.477 | 0.02      | 0.016     | 0         | 55   | 52   | 68.8 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 23   | 36     | 40     | 0.607     | -0.069    | 2.477 | 0.016     | 0.016     | 0         | 55   | 52.5 | 69.2 | 163        | 154        | 0          | 35     | 32     |
| 2009 | 6     | 25  | 23   | 46     | 40     | 0.522     | -0.079    | 2.477 | 0.02      | 0.016     | 0         | 55   | 52.5 | 69.2 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 25  | 23   | 56     | 40     | 0.495     | -0.033    | 2.477 | 0.02      | 0.016     | 0         | 55.5 | 52   | 69.7 | 163        | 154        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 26  | 0    | 6      | 40     | 0.528     | -0.069    | 2.477 | 0.016     | 0.016     | 0         | 55   | 52   | 69.7 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 0    | 16     | 40     | 0.564     | -0.082    | 2.477 | 0.016     | 0.016     | 0         | 55.5 | 52   | 69.7 | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 0    | 26     | 40     | 0.541     | -0.043    | 2.477 | 0.016     | 0.013     | 0         | 55.5 | 52.5 | 70.1 | 163        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 26  | 0    | 36     | 40     | 0.512     | -0.112    | 2.477 | 0.016     | 0.016     | 0         | 55   | 51.6 | 69.2 | 163        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 26  | 0    | 46     | 40     | 0.538     | -0.062    | 2.477 | 0.02      | 0.016     | 0         | 55   | 52.5 | 68.8 | 163        | 154        | 0          | 35     | 32     |
| 2009 | 6     | 26  | 0    | 56     | 40     | 0.597     | -0.046    | 2.477 | 0.016     | 0.016     | 0         | 55   | 52   | 69.2 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 1    | 6      | 40     | 0.548     | -0.052    | 2.477 | 0.016     | 0.013     | 0         | 55.5 | 52   | 69.2 | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 1    | 16     | 40     | 0.472     | -0.089    | 2.477 | 0.016     | 0.016     | 0         | 55   | 52   | 68.8 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 1    | 26     | 40     | 0.538     | -0.039    | 2.477 | 0.02      | 0.016     | 0         | 54.6 | 52.5 | 68.8 | 162        | 154        | 0          | 35     | 32     |
| 2009 | 6     | 26  | 1    | 36     | 40     | 0.577     | -0.075    | 2.477 | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 69.2 | 163        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 26  | 1    | 46     | 40     | 0.577     | -0.066    | 2.477 | 0.016     | 0.016     | 0         | 55.5 | 52   | 68.8 | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 1    | 56     | 40     | 0.551     | -0.059    | 2.477 | 0.016     | 0.016     | 0         | 55.5 | 52   | 69.7 | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 2    | 6      | 40     | 0.512     | -0.052    | 2.477 | 0.02      | 0.016     | 0         | 55   | 52   | 68.8 | 162        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 2    | 16     | 40     | 0.489     | -0.118    | 2.48  | 0.02      | 0.016     | 0         | 46.4 | 51.6 | 70.1 | 143        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 2    | 26     | 40     | 0.512     | -0.052    | 2.48  | 0.016     | 0.016     | 0         | 48.2 | 51.6 | 69.7 | 147        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 2    | 36     | 40     | 0.522     | -0.049    | 2.48  | 0.02      | 0.016     | 0         | 55   | 51.6 | 69.2 | 163        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 26  | 2    | 46     | 40     | 0.443     | -0.049    | 2.48  | 0.02      | 0.016     | 0         | 55   | 52   | 69.2 | 162        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 2    | 56     | 40     | 0.561     | -0.069    | 2.48  | 0.02      | 0.016     | 0         | 54.6 | 52   | 68.4 | 162        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 3    | 6      | 40     | 0.551     | -0.118    | 2.48  | 0.016     | 0.016     | 0         | 55   | 52   | 67.9 | 162        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 3    | 16     | 40     | 0.512     | -0.102    | 2.48  | 0.02      | 0.016     | 0         | 53.8 | 51.2 | 69.2 | 160        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 3    | 26     | 40     | 0.515     | -0.102    | 2.48  | 0.016     | 0.016     | 0         | 55   | 52   | 69.2 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 3    | 36     | 40     | 0.574     | -0.102    | 2.48  | 0.02      | 0.016     | 0         | 55   | 52   | 68.4 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 3    | 46     | 40     | 0.574     | -0.069    | 2.48  | 0.02      | 0.016     | 0         | 55   | 51.2 | 68.4 | 162        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 3    | 56     | 40     | 0.561     | -0.092    | 2.48  | 0.016     | 0.016     | 0         | 55   | 52   | 67.9 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 4    | 6      | 40     | 0.512     | -0.049    | 2.48  | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 68.8 | 162        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 26  | 4    | 16     | 40     | 0.528     | -0.098    | 2.48  | 0.02      | 0.016     | 0         | 55   | 52   | 68.4 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 4    | 26     | 40     | 0.509     | -0.095    | 2.48  | 0.016     | 0.016     | 0         | 55   | 52   | 67.5 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 4    | 36     | 40     | 0.531     | -0.049    | 2.48  | 0.02      | 0.016     | 0         | 55   | 52   | 66.7 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 4    | 46     | 40     | 0.564     | -0.082    | 2.48  | 0.016     | 0.016     | 0         | 55.9 | 52.5 | 67.5 | 164        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 26  | 4    | 56     | 40     | 0.469     | -0.059    | 2.48  | 0.02      | 0.016     | 0         | 55.9 | 52   | 66.7 | 164        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 5    | 6      | 40     | 0.558     | -0.062    | 2.48  | 0.02      | 0.016     | 0         | 55.9 | 52   | 67.1 | 164        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 5    | 16     | 40     | 0.502     | -0.069    | 2.48  | 0.02      | 0.016     | 0         | 55.5 | 52   | 66.2 | 164        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 5    | 26     | 40     | 0.538     | -0.095    | 2.484 | 0.016     | 0.016     | 0         | 55.9 | 52   | 66.7 | 165        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 5    | 36     | 40     | 0.505     | -0.059    | 2.484 | 0.02      | 0.016     | 0         | 55.9 | 52   | 66.2 | 165        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 26  | 5    | 46     | 40     | 0.558     | -0.089    | 2.484 | 0.023     | 0.02      | 0         | 55.5 | 52   | 66.7 | 164        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 5    | 56     | 40     | 0.581     | -0.056    | 2.484 | 0.02      | 0.016     | 0         | 55.5 | 52   | 66.7 | 164        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 6    | 6      | 40     | 0.522     | -0.023    | 2.484 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 65.8 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 6    | 16     | 40     | 0.489     | -0.095    | 2.484 | 0.02      | 0.016     | 0         | 56.3 | 52   | 66.2 | 165        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 6    | 26     | 40     | 0.561     | -0.085    | 2.484 | 0.016     | 0.016     | 0         | 55.5 | 52   | 66.7 | 164        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 6    | 36     | 40     | 0.574     | -0.069    | 2.484 | 0.02      | 0.016     | 0         | 55.5 | 51.6 | 65.8 | 164        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 26  | 6    | 46     | 40     | 0.577     | -0.075    | 2.484 | 0.02      | 0.016     | 0         | 55.9 | 52   | 65.8 | 164        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 6    | 56     | 40     | 0.505     | -0.043    | 2.487 | 0.02      | 0.016     | 0         | 55.5 | 51.6 | 66.2 | 164        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 26  | 7    | 6      | 40     | 0.509     | -0.089    | 2.487 | 0.016     | 0.016     | 0         | 55   | 52   | 65.8 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 7    | 16     | 40     | 0.522     | -0.079    | 2.487 | 0.016     | 0.016     | 0         | 55   | 52   | 65.4 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 7    | 26     | 40     | 0.541     | -0.089    | 2.487 | 0.02      | 0.016     | 0         | 55   | 51.6 | 65.4 | 163        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 7    | 36     | 40     | 0.571     | -0.075    | 2.487 | 0.02      | 0.016     | 0         | 55   | 51.6 | 64.9 | 163        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 7    | 46     | 40     | 0.548     | -0.072    | 2.49  | 0.016     | 0.016     | 0         | 55   | 52   | 64.9 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 7    | 56     | 40     | 0.551     | -0.075    | 2.49  | 0.02      | 0.016     | 0         | 55.5 | 52   | 64.5 | 164        | 154        | 0          | 35     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 26  | 8    | 6      | 40     | 0.574     | -0.059    | 2.49  | 0.02      | 0.016     | 0         | 55   | 51.6 | 65.4 | 163        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 8    | 16     | 40     | 0.574     | -0.082    | 2.49  | 0.02      | 0.016     | 0         | 55   | 51.6 | 64.9 | 163        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 8    | 26     | 40     | 0.522     | -0.066    | 2.49  | 0.016     | 0.016     | 0         | 55   | 51.6 | 64.5 | 163        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 8    | 36     | 40     | 0.472     | -0.046    | 2.493 | 0.016     | 0.016     | 0         | 55   | 52   | 65.4 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 8    | 46     | 40     | 0.535     | -0.069    | 2.493 | 0.016     | 0.016     | 0         | 55   | 51.6 | 64.5 | 163        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 8    | 56     | 40     | 0.525     | -0.069    | 2.493 | 0.02      | 0.016     | 0         | 55.5 | 52   | 65.4 | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 9    | 6      | 40     | 0.512     | -0.049    | 2.493 | 0.016     | 0.016     | 0         | 55   | 52   | 64.5 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 9    | 16     | 40     | 0.574     | -0.125    | 2.493 | 0.016     | 0.013     | 0         | 55   | 51.6 | 64.9 | 163        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 9    | 26     | 40     | 0.571     | -0.079    | 2.493 | 0.02      | 0.016     | 0         | 55   | 52   | 65.4 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 9    | 36     | 40     | 0.515     | -0.046    | 2.493 | 0.016     | 0.016     | 0         | 55   | 52   | 64.9 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 9    | 46     | 40     | 0.528     | -0.059    | 2.493 | 0.02      | 0.016     | 0         | 55   | 52   | 65.8 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 9    | 56     | 40     | 0.522     | -0.089    | 2.5   | 0.02      | 0.016     | 0         | 55   | 49.9 | 67.5 | 163        | 149        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 10   | 6      | 40     | 0.472     | -0.085    | 2.497 | 0.026     | 0.026     | 0         | 55   | 52   | 65.4 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 10   | 16     | 40     | 0.499     | -0.085    | 2.497 | 0.02      | 0.016     | 0         | 55   | 52   | 65.4 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 10   | 26     | 40     | 0.545     | -0.085    | 2.497 | 0.016     | 0.016     | 0         | 55   | 52   | 65.8 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 10   | 36     | 40     | 0.492     | -0.062    | 2.497 | 0.023     | 0.02      | 0         | 55   | 52   | 64.5 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 10   | 46     | 40     | 0.568     | -0.059    | 2.493 | 0.02      | 0.016     | 0         | 55.5 | 52   | 64.1 | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 10   | 56     | 40     | 0.522     | -0.089    | 2.497 | 0.016     | 0.016     | 0         | 55   | 52   | 65.4 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 11   | 6      | 40     | 0.525     | -0.092    | 2.493 | 0.02      | 0.016     | 0         | 55   | 52   | 62.8 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 11   | 16     | 40     | 0.518     | -0.016    | 2.493 | 0.02      | 0.016     | 0         | 55   | 52   | 65.8 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 11   | 26     | 40     | 0.515     | -0.135    | 2.493 | 0.02      | 0.016     | 0         | 54.6 | 52.5 | 63.6 | 162        | 154        | 0          | 35     | 32     |
| 2009 | 6     | 26  | 11   | 36     | 40     | 0.574     | -0.059    | 2.493 | 0.016     | 0.016     | 0         | 55   | 51.6 | 66.2 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 11   | 46     | 40     | 0.492     | -0.075    | 2.493 | 0.02      | 0.016     | 0         | 54.6 | 51.6 | 66.2 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 11   | 56     | 40     | 0.541     | -0.108    | 2.493 | 0.02      | 0.016     | 0         | 55   | 51.6 | 65.8 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 12   | 6      | 40     | 0.538     | -0.121    | 2.493 | 0.016     | 0.016     | 0         | 55   | 51.6 | 66.7 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 12   | 16     | 40     | 0.518     | -0.079    | 2.493 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 65.8 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 12   | 26     | 40     | 0.574     | -0.043    | 2.493 | 0.026     | 0.023     | 0         | 55   | 52   | 53.3 | 162        | 153        | 0          | 34     | 32     |
| 2009 | 6     | 26  | 12   | 36     | 40     | 0.545     | -0.052    | 2.493 | 0.02      | 0.016     | 0         | 54.6 | 52   | 65.4 | 162        | 153        | 0          | 35     | 32     |
| 2009 | 6     | 26  | 12   | 46     | 40     | 0.538     | -0.062    | 2.493 | 0.016     | 0.016     | 0         | 54.6 | 52   | 64.1 | 162        | 153        | 0          | 35     | 32     |
| 2009 | 6     | 26  | 12   | 56     | 40     | 0.535     | -0.069    | 2.493 | 0.02      | 0.016     | 0         | 55   | 51.6 | 60.2 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 13   | 6      | 40     | 0.577     | -0.072    | 2.493 | 0.02      | 0.016     | 0         | 54.6 | 51.6 | 55   | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 13   | 16     | 40     | 0.515     | -0.092    | 2.493 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 54.6 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 13   | 26     | 40     | 0.525     | -0.043    | 2.493 | 0.02      | 0.016     | 0         | 55   | 52   | 66.7 | 162        | 153        | 0          | 34     | 32     |
| 2009 | 6     | 26  | 13   | 36     | 40     | 0.495     | -0.046    | 2.493 | 0.02      | 0.016     | 0         | 55   | 51.6 | 66.2 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 13   | 46     | 40     | 0.535     | -0.115    | 2.493 | 0.02      | 0.016     | 0         | 55   | 52   | 55   | 162        | 153        | 0          | 34     | 32     |
| 2009 | 6     | 26  | 13   | 56     | 40     | 0.581     | -0.085    | 2.493 | 0.023     | 0.02      | 0         | 55   | 52   | 67.1 | 162        | 153        | 0          | 34     | 32     |
| 2009 | 6     | 26  | 14   | 6      | 40     | 0.538     | -0.069    | 2.493 | 0.016     | 0.016     | 0         | 55.5 | 51.6 | 66.7 | 163        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 14   | 16     | 40     | 0.535     | -0.085    | 2.493 | 0.016     | 0.016     | 0         | 55   | 52   | 66.2 | 162        | 153        | 0          | 34     | 32     |
| 2009 | 6     | 26  | 14   | 26     | 40     | 0.591     | -0.062    | 2.493 | 0.02      | 0.016     | 0         | 55   | 51.6 | 67.5 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 14   | 36     | 40     | 0.551     | -0.062    | 2.493 | 0.02      | 0.016     | 0         | 54.6 | 51.2 | 61.9 | 162        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 14   | 46     | 40     | 0.502     | -0.102    | 2.493 | 0.02      | 0.016     | 0         | 54.6 | 51.6 | 68.4 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 14   | 56     | 40     | 0.525     | -0.092    | 2.493 | 0.02      | 0.016     | 0         | 55   | 52   | 58.9 | 162        | 153        | 0          | 34     | 32     |
| 2009 | 6     | 26  | 15   | 6      | 40     | 0.525     | -0.125    | 2.493 | 0.02      | 0.016     | 0         | 55   | 52   | 53.8 | 162        | 153        | 0          | 34     | 32     |
| 2009 | 6     | 26  | 15   | 16     | 40     | 0.594     | -0.056    | 2.493 | 0.02      | 0.016     | 0         | 55   | 52.5 | 52.9 | 163        | 154        | 0          | 35     | 32     |
| 2009 | 6     | 26  | 15   | 26     | 40     | 0.541     | -0.092    | 2.493 | 0.02      | 0.016     | 0         | 55   | 51.6 | 51.6 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 15   | 36     | 40     | 0.531     | -0.066    | 2.493 | 0.02      | 0.016     | 0         | 55   | 52   | 67.1 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 15   | 46     | 40     | 0.541     | -0.069    | 2.493 | 0.02      | 0.016     | 0         | 55.5 | 51.6 | 52.9 | 163        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 15   | 56     | 40     | 0.495     | -0.085    | 2.493 | 0.02      | 0.016     | 0         | 55   | 51.6 | 56.3 | 162        | 153        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 26  | 16   | 6      | 40     | 0.489     | -0.072    | 2.493 | 0.016     | 0.016     | 0         | 55.5 | 51.6 | 54.2 | 163        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 16   | 16     | 40     | 0.522     | -0.082    | 2.493 | 0.023     | 0.02      | 0         | 55.5 | 52   | 66.7 | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 16   | 26     | 40     | 0.541     | -0.056    | 2.493 | 0.016     | 0.016     | 0         | 55.5 | 52   | 67.9 | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 16   | 36     | 40     | 0.538     | -0.049    | 2.493 | 0.02      | 0.016     | 0         | 55   | 51.6 | 62.8 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 16   | 46     | 40     | 0.522     | -0.075    | 2.493 | 0.016     | 0.016     | 0         | 55   | 51.6 | 62.8 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 16   | 56     | 40     | 0.535     | -0.069    | 2.493 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 68.4 | 163        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 26  | 17   | 6      | 40     | 0.561     | -0.069    | 2.493 | 0.02      | 0.016     | 0         | 55.5 | 52   | 67.9 | 162        | 154        | 0          | 33     | 33     |
| 2009 | 6     | 26  | 17   | 16     | 40     | 0.561     | -0.069    | 2.493 | 0.016     | 0.016     | 0         | 55.5 | 51.6 | 52   | 163        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 17   | 26     | 40     | 0.581     | -0.066    | 2.493 | 0.02      | 0.016     | 0         | 55   | 52.5 | 69.2 | 163        | 154        | 0          | 35     | 32     |
| 2009 | 6     | 26  | 17   | 36     | 40     | 0.577     | -0.069    | 2.493 | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 63.2 | 163        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 26  | 17   | 46     | 40     | 0.561     | -0.059    | 2.493 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 68.4 | 163        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 26  | 17   | 56     | 40     | 0.568     | -0.056    | 2.493 | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 64.1 | 163        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 26  | 18   | 6      | 40     | 0.531     | -0.059    | 2.493 | 0.02      | 0.016     | 0         | 55.5 | 52   | 67.5 | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 18   | 16     | 40     | 0.545     | -0.079    | 2.493 | 0.02      | 0.016     | 0         | 55   | 52.5 | 69.2 | 163        | 154        | 0          | 35     | 32     |
| 2009 | 6     | 26  | 18   | 26     | 40     | 0.541     | -0.075    | 2.493 | 0.016     | 0.016     | 0         | 55   | 52   | 68.4 | 162        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 18   | 36     | 40     | 0.541     | -0.098    | 2.493 | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 67.9 | 163        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 26  | 18   | 46     | 40     | 0.509     | -0.033    | 2.493 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 68.8 | 163        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 26  | 18   | 56     | 40     | 0.554     | -0.033    | 2.493 | 0.016     | 0.013     | 0         | 55.5 | 52.9 | 68.4 | 163        | 155        | 0          | 34     | 32     |
| 2009 | 6     | 26  | 19   | 6      | 40     | 0.531     | -0.092    | 2.493 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 67.1 | 163        | 154        | 0          | 34     | 31     |
| 2009 | 6     | 26  | 19   | 16     | 40     | 0.525     | -0.072    | 2.493 | 0.016     | 0.016     | 0         | 55.9 | 52.5 | 67.9 | 164        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 19   | 26     | 40     | 0.486     | -0.052    | 2.493 | 0.016     | 0.016     | 0         | 55.5 | 52.9 | 67.1 | 163        | 155        | 0          | 34     | 32     |
| 2009 | 6     | 26  | 19   | 36     | 40     | 0.509     | -0.082    | 2.493 | 0.016     | 0.016     | 0         | 55.9 | 52.9 | 67.9 | 164        | 155        | 0          | 34     | 32     |
| 2009 | 6     | 26  | 19   | 46     | 40     | 0.571     | -0.052    | 2.493 | 0.02      | 0.016     | 0         | 55   | 52.5 | 67.5 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 19   | 56     | 40     | 0.531     | -0.052    | 2.493 | 0.016     | 0.016     | 0         | 55.9 | 52.5 | 67.5 | 164        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 20   | 6      | 40     | 0.568     | -0.072    | 2.493 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 67.5 | 164        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 20   | 16     | 40     | 0.476     | -0.036    | 2.493 | 0.016     | 0.016     | 0         | 55.9 | 52.5 | 67.1 | 164        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 20   | 26     | 40     | 0.574     | -0.092    | 2.493 | 0.016     | 0.016     | 0         | 55.9 | 52.9 | 66.7 | 164        | 155        | 0          | 34     | 32     |
| 2009 | 6     | 26  | 20   | 36     | 40     | 0.551     | -0.102    | 2.493 | 0.02      | 0.016     | 0         | 55.9 | 52   | 66.7 | 164        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 20   | 46     | 40     | 0.554     | -0.075    | 2.497 | 0.016     | 0.016     | 0         | 55.9 | 52.5 | 67.1 | 164        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 20   | 56     | 40     | 0.515     | -0.043    | 2.493 | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 66.7 | 164        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 21   | 6      | 40     | 0.486     | -0.033    | 2.497 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 66.2 | 164        | 155        | 0          | 34     | 32     |
| 2009 | 6     | 26  | 21   | 16     | 40     | 0.587     | -0.092    | 2.497 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 67.5 | 164        | 154        | 0          | 35     | 32     |
| 2009 | 6     | 26  | 21   | 26     | 40     | 0.551     | -0.056    | 2.497 | 0.023     | 0.02      | 0         | 55.5 | 52.5 | 66.7 | 163        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 26  | 21   | 36     | 40     | 0.518     | -0.072    | 2.497 | 0.02      | 0.016     | 0         | 55   | 51.6 | 66.7 | 163        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 21   | 46     | 40     | 0.554     | -0.026    | 2.497 | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 66.7 | 163        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 26  | 21   | 56     | 40     | 0.581     | -0.085    | 2.497 | 0.016     | 0.016     | 0         | 55.5 | 51.6 | 65.4 | 163        | 154        | 0          | 34     | 34     |
| 2009 | 6     | 26  | 22   | 6      | 40     | 0.531     | -0.075    | 2.497 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 66.2 | 163        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 26  | 22   | 16     | 40     | 0.528     | -0.052    | 2.5   | 0.02      | 0.016     | 0         | 54.6 | 49.9 | 66.7 | 162        | 148        | 0          | 35     | 32     |
| 2009 | 6     | 26  | 22   | 26     | 40     | 0.535     | -0.079    | 2.503 | 0.016     | 0.016     | 0         | 54.2 | 52   | 67.1 | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 22   | 36     | 40     | 0.528     | -0.072    | 2.5   | 0.02      | 0.016     | 0         | 55.5 | 52   | 65.8 | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 22   | 46     | 40     | 0.571     | -0.059    | 2.503 | 0.02      | 0.016     | 0         | 55   | 52   | 66.7 | 162        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 22   | 56     | 40     | 0.548     | -0.043    | 2.503 | 0.02      | 0.016     | 0         | 55   | 52.5 | 66.7 | 162        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 26  | 23   | 6      | 40     | 0.551     | -0.105    | 2.507 | 0.02      | 0.016     | 0         | 52.5 | 52   | 66.2 | 156        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 23   | 16     | 40     | 0.535     | -0.079    | 2.507 | 0.02      | 0.016     | 0         | 55   | 52   | 66.2 | 162        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 23   | 26     | 40     | 0.554     | -0.089    | 2.51  | 0.016     | 0.016     | 0         | 54.6 | 52   | 66.2 | 162        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 23   | 36     | 40     | 0.551     | -0.098    | 2.51  | 0.016     | 0.016     | 0         | 55   | 52   | 67.1 | 162        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 26  | 23   | 46     | 40     | 0.587     | -0.075    | 2.51  | 0.02      | 0.016     | 0         | 54.6 | 51.6 | 67.9 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 26  | 23   | 56     | 40     | 0.564     | -0.069    | 2.51  | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 67.9 | 163        | 154        | 0          | 34     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 27  | 0    | 6      | 40     | 0.551     | -0.089    | 2.51  | 0.016     | 0.016     | 0         | 55   | 52   | 67.9 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 0    | 16     | 40     | 0.548     | -0.075    | 2.513 | 0.016     | 0.016     | 0         | 54.6 | 52   | 64.9 | 162        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 0    | 26     | 40     | 0.509     | -0.082    | 2.513 | 0.02      | 0.016     | 0         | 55   | 52   | 67.1 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 0    | 36     | 40     | 0.531     | -0.066    | 2.51  | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 67.1 | 163        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 0    | 46     | 40     | 0.512     | -0.085    | 2.513 | 0.02      | 0.016     | 0         | 55.5 | 52   | 67.5 | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 0    | 56     | 40     | 0.515     | -0.03     | 2.513 | 0.02      | 0.016     | 0         | 55.5 | 52   | 66.7 | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 1    | 6      | 40     | 0.499     | -0.085    | 2.513 | 0.016     | 0.016     | 0         | 54.6 | 52   | 67.5 | 162        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 1    | 16     | 40     | 0.548     | -0.079    | 2.513 | 0.016     | 0.016     | 0         | 55.5 | 52   | 67.5 | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 1    | 26     | 40     | 0.505     | -0.112    | 2.513 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 67.9 | 163        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 1    | 36     | 40     | 0.561     | -0.095    | 2.513 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 68.4 | 163        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 1    | 46     | 40     | 0.561     | -0.092    | 2.513 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 68.4 | 163        | 155        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 1    | 56     | 40     | 0.531     | -0.075    | 2.513 | 0.02      | 0.016     | 0         | 55   | 52   | 69.7 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 2    | 6      | 40     | 0.525     | -0.092    | 2.513 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 69.7 | 163        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 2    | 16     | 40     | 0.528     | -0.079    | 2.513 | 0.02      | 0.016     | 0         | 55   | 52   | 69.2 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 2    | 26     | 40     | 0.486     | -0.059    | 2.513 | 0.02      | 0.016     | 0         | 55   | 52   | 68.8 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 2    | 36     | 40     | 0.571     | -0.082    | 2.516 | 0.016     | 0.016     | 0         | 55.5 | 52   | 70.1 | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 2    | 46     | 40     | 0.614     | -0.121    | 2.516 | 0.016     | 0.016     | 0         | 55.5 | 52   | 69.2 | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 2    | 56     | 40     | 0.531     | -0.089    | 2.516 | 0.02      | 0.016     | 0         | 55   | 52   | 69.2 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 3    | 6      | 40     | 0.545     | -0.062    | 2.516 | 0.016     | 0.016     | 0         | 55   | 52   | 69.2 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 3    | 16     | 40     | 0.571     | -0.072    | 2.516 | 0.016     | 0.016     | 0         | 55.5 | 52   | 68.8 | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 3    | 26     | 40     | 0.561     | -0.066    | 2.516 | 0.016     | 0.016     | 0         | 55   | 52   | 68.8 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 3    | 36     | 40     | 0.564     | -0.072    | 2.516 | 0.016     | 0.016     | 0         | 55.5 | 52   | 69.7 | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 3    | 46     | 40     | 0.564     | -0.079    | 2.516 | 0.016     | 0.016     | 0         | 55   | 52   | 69.7 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 3    | 56     | 40     | 0.531     | -0.046    | 2.516 | 0.016     | 0.016     | 0         | 55   | 52   | 70.1 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 4    | 6      | 40     | 0.525     | -0.052    | 2.516 | 0.016     | 0.016     | 0         | 54.6 | 52.5 | 69.7 | 162        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 4    | 16     | 40     | 0.587     | -0.105    | 2.516 | 0.02      | 0.016     | 0         | 52.5 | 51.6 | 70.1 | 157        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 27  | 4    | 26     | 40     | 0.545     | -0.089    | 2.516 | 0.016     | 0.016     | 0         | 55.5 | 52   | 69.2 | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 4    | 36     | 40     | 0.538     | -0.056    | 2.516 | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 69.2 | 163        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 4    | 46     | 40     | 0.545     | -0.049    | 2.516 | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 69.7 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 4    | 56     | 40     | 0.558     | -0.069    | 2.516 | 0.02      | 0.016     | 0         | 55.5 | 52   | 69.7 | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 5    | 6      | 40     | 0.545     | -0.085    | 2.516 | 0.016     | 0.016     | 0         | 55.9 | 52.5 | 69.2 | 164        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 5    | 16     | 40     | 0.492     | -0.056    | 2.516 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 69.2 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 5    | 26     | 40     | 0.531     | -0.105    | 2.516 | 0.016     | 0.016     | 0         | 55.9 | 52.5 | 68.4 | 164        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 5    | 36     | 40     | 0.512     | -0.052    | 2.516 | 0.02      | 0.016     | 0         | 55.9 | 52   | 69.2 | 164        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 5    | 46     | 40     | 0.554     | -0.079    | 2.52  | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 69.2 | 164        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 5    | 56     | 40     | 0.528     | -0.075    | 2.52  | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 68.8 | 164        | 155        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 6    | 6      | 40     | 0.535     | -0.036    | 2.52  | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 68.8 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 6    | 16     | 40     | 0.505     | -0.059    | 2.52  | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 68.8 | 159        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 6    | 26     | 40     | 0.558     | -0.039    | 2.52  | 0.016     | 0.016     | 0         | 55.9 | 52.5 | 67.9 | 164        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 6    | 36     | 40     | 0.554     | -0.098    | 2.52  | 0.016     | 0.013     | 0         | 55.5 | 52.5 | 68.4 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 6    | 46     | 40     | 0.512     | -0.049    | 2.52  | 0.02      | 0.016     | 0         | 55.9 | 52   | 67.9 | 164        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 6    | 56     | 40     | 0.538     | -0.072    | 2.52  | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 67.9 | 164        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 7    | 6      | 40     | 0.541     | -0.095    | 2.52  | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 68.4 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 7    | 16     | 40     | 0.545     | -0.069    | 2.52  | 0.016     | 0.016     | 0         | 55   | 52.5 | 67.9 | 162        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 7    | 26     | 40     | 0.528     | -0.033    | 2.52  | 0.016     | 0.016     | 0         | 55.5 | 52.9 | 67.5 | 164        | 155        | 0          | 35     | 32     |
| 2009 | 6     | 27  | 7    | 36     | 40     | 0.535     | -0.043    | 2.52  | 0.02      | 0.016     | 0         | 55.9 | 52.5 | 67.9 | 164        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 7    | 46     | 40     | 0.597     | -0.079    | 2.52  | 0.023     | 0.02      | 0         | 55.5 | 52   | 67.9 | 164        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 7    | 56     | 40     | 0.551     | -0.075    | 2.52  | 0.016     | 0.013     | 0         | 55.5 | 52.5 | 68.4 | 164        | 155        | 0          | 35     | 33     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 27  | 8    | 6      | 40     | 0.535     | -0.102    | 2.52  | 0.02      | 0.016     | 0         | 55   | 52   | 67.9 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 8    | 16     | 40     | 0.531     | -0.062    | 2.523 | 0.02      | 0.016     | 0         | 55   | 51.6 | 67.9 | 163        | 154        | 0          | 35     | 34     |
| 2009 | 6     | 27  | 8    | 26     | 40     | 0.515     | -0.062    | 2.523 | 0.016     | 0.016     | 0         | 55.9 | 52   | 67.5 | 164        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 8    | 36     | 40     | 0.495     | -0.049    | 2.523 | 0.016     | 0.016     | 0         | 55.5 | 52   | 66.7 | 164        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 27  | 8    | 46     | 40     | 0.535     | -0.069    | 2.523 | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 67.1 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 8    | 56     | 40     | 0.482     | -0.102    | 2.523 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 67.5 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 9    | 6      | 40     | 0.541     | -0.059    | 2.523 | 0.016     | 0.016     | 0         | 55.5 | 52   | 67.5 | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 9    | 16     | 40     | 0.515     | -0.089    | 2.523 | 0.016     | 0.013     | 0         | 55.5 | 52.5 | 67.1 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 9    | 26     | 40     | 0.545     | -0.056    | 2.523 | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 67.9 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 9    | 36     | 40     | 0.518     | -0.033    | 2.523 | 0.02      | 0.016     | 0         | 55   | 52.5 | 67.5 | 164        | 155        | 0          | 36     | 33     |
| 2009 | 6     | 27  | 9    | 46     | 40     | 0.528     | -0.069    | 2.523 | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 67.9 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 9    | 56     | 40     | 0.568     | -0.075    | 2.523 | 0.016     | 0.016     | 0         | 55.5 | 52   | 67.9 | 164        | 155        | 0          | 35     | 34     |
| 2009 | 6     | 27  | 10   | 6      | 40     | 0.518     | -0.082    | 2.523 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 67.5 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 10   | 16     | 40     | 0.538     | -0.102    | 2.523 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 68.4 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 10   | 26     | 40     | 0.568     | -0.052    | 2.523 | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 68.4 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 10   | 36     | 40     | 0.525     | -0.036    | 2.523 | 0.026     | 0.023     | 0         | 55.5 | 52.5 | 67.9 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 10   | 46     | 40     | 0.538     | -0.085    | 2.523 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 66.7 | 164        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 10   | 56     | 40     | 0.561     | -0.108    | 2.526 | 0.02      | 0.016     | 0         | 55   | 52.5 | 67.9 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 11   | 6      | 40     | 0.564     | -0.075    | 2.526 | 0.016     | 0.016     | 0         | 55.9 | 52   | 68.4 | 164        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 27  | 11   | 16     | 40     | 0.548     | -0.095    | 2.526 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 67.5 | 163        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 11   | 26     | 40     | 0.574     | -0.036    | 2.526 | 0.016     | 0.016     | 0         | 55   | 52.5 | 68.4 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 11   | 36     | 40     | 0.528     | -0.056    | 2.526 | 0.02      | 0.016     | 0         | 55   | 52.5 | 67.9 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 11   | 46     | 40     | 0.512     | -0.069    | 2.526 | 0.016     | 0.016     | 0         | 55.9 | 52.5 | 68.8 | 164        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 11   | 56     | 40     | 0.564     | -0.102    | 2.526 | 0.02      | 0.016     | 0         | 55.5 | 52   | 69.2 | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 12   | 6      | 40     | 0.554     | -0.095    | 2.526 | 0.02      | 0.016     | 0         | 55.5 | 52   | 68.8 | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 12   | 16     | 40     | 0.535     | -0.079    | 2.526 | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 69.2 | 163        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 12   | 26     | 40     | 0.604     | -0.079    | 2.526 | 0.016     | 0.016     | 0         | 55   | 52   | 70.1 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 12   | 36     | 40     | 0.554     | -0.052    | 2.526 | 0.016     | 0.016     | 0         | 55   | 52.5 | 69.7 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 12   | 46     | 40     | 0.551     | -0.069    | 2.526 | 0.02      | 0.016     | 0         | 55   | 52   | 69.2 | 162        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 12   | 56     | 40     | 0.541     | -0.085    | 2.526 | 0.016     | 0.013     | 0         | 55   | 52.5 | 67.9 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 13   | 6      | 40     | 0.541     | -0.085    | 2.526 | 0.016     | 0.016     | 0         | 55   | 52   | 67.1 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 13   | 16     | 40     | 0.531     | -0.066    | 2.526 | 0.016     | 0.016     | 0         | 54.6 | 52   | 67.9 | 162        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 13   | 26     | 40     | 0.568     | -0.052    | 2.526 | 0.02      | 0.016     | 0         | 55   | 52   | 68.8 | 162        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 13   | 36     | 40     | 0.512     | -0.069    | 2.526 | 0.023     | 0.02      | 0         | 54.6 | 52   | 67.1 | 162        | 153        | 0          | 35     | 32     |
| 2009 | 6     | 27  | 13   | 46     | 40     | 0.591     | -0.079    | 2.53  | 0.02      | 0.016     | 0         | 55   | 51.6 | 69.2 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 13   | 56     | 40     | 0.522     | -0.069    | 2.53  | 0.02      | 0.016     | 0         | 55   | 52.5 | 69.7 | 162        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 14   | 6      | 40     | 0.554     | -0.059    | 2.526 | 0.016     | 0.016     | 0         | 55   | 51.6 | 69.7 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 14   | 16     | 40     | 0.541     | -0.062    | 2.526 | 0.016     | 0.016     | 0         | 55   | 52   | 69.2 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 14   | 26     | 40     | 0.515     | -0.082    | 2.526 | 0.016     | 0.016     | 0         | 55   | 52   | 68.8 | 162        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 14   | 36     | 40     | 0.541     | -0.098    | 2.53  | 0.016     | 0.013     | 0         | 55   | 52.5 | 68.8 | 163        | 154        | 0          | 35     | 32     |
| 2009 | 6     | 27  | 14   | 46     | 40     | 0.558     | -0.072    | 2.526 | 0.016     | 0.016     | 0         | 55   | 52   | 69.7 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 14   | 56     | 40     | 0.551     | -0.105    | 2.53  | 0.016     | 0.016     | 0         | 55   | 52.5 | 69.2 | 162        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 15   | 6      | 40     | 0.518     | -0.033    | 2.53  | 0.016     | 0.016     | 0         | 55   | 52   | 69.7 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 15   | 16     | 40     | 0.558     | -0.033    | 2.53  | 0.016     | 0.013     | 0         | 55   | 52   | 68.4 | 162        | 153        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 15   | 26     | 40     | 0.571     | -0.043    | 2.53  | 0.02      | 0.016     | 0         | 55   | 52   | 67.9 | 162        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 15   | 36     | 40     | 0.525     | -0.052    | 2.53  | 0.02      | 0.016     | 0         | 55   | 52   | 70.1 | 162        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 15   | 46     | 40     | 0.571     | -0.033    | 2.53  | 0.016     | 0.016     | 0         | 55   | 52.5 | 68.8 | 162        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 15   | 56     | 40     | 0.581     | -0.066    | 2.53  | 0.016     | 0.013     | 0         | 55   | 51.6 | 58   | 162        | 153        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 27  | 16   | 6      | 40     | 0.499     | -0.036    | 2.53  | 0.02      | 0.016     | 0         | 55.5 | 52   | 69.7 | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 16   | 16     | 40     | 0.561     | -0.075    | 2.53  | 0.016     | 0.013     | 0         | 55   | 52.5 | 69.7 | 162        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 16   | 26     | 40     | 0.545     | -0.033    | 2.53  | 0.02      | 0.016     | 0         | 55   | 52.5 | 69.7 | 163        | 154        | 0          | 35     | 32     |
| 2009 | 6     | 27  | 16   | 36     | 40     | 0.522     | -0.052    | 2.53  | 0.02      | 0.016     | 0         | 54.6 | 52.5 | 69.7 | 162        | 154        | 0          | 35     | 32     |
| 2009 | 6     | 27  | 16   | 46     | 40     | 0.551     | -0.069    | 2.53  | 0.016     | 0.016     | 0         | 55   | 52   | 69.7 | 162        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 16   | 56     | 40     | 0.538     | -0.069    | 2.53  | 0.016     | 0.016     | 0         | 55.5 | 52   | 70.5 | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 17   | 6      | 40     | 0.492     | -0.085    | 2.53  | 0.023     | 0.02      | 0         | 55   | 52.5 | 71.8 | 162        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 17   | 16     | 40     | 0.564     | -0.092    | 2.53  | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 71   | 163        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 17   | 26     | 40     | 0.571     | -0.059    | 2.53  | 0.02      | 0.016     | 0         | 55   | 52   | 71.4 | 163        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 17   | 36     | 40     | 0.597     | -0.039    | 2.53  | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 72.2 | 163        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 17   | 46     | 40     | 0.577     | -0.056    | 2.53  | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 71   | 163        | 155        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 17   | 56     | 40     | 0.561     | -0.121    | 2.53  | 0.016     | 0.016     | 0         | 55.5 | 52.9 | 71.4 | 163        | 155        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 18   | 6      | 40     | 0.541     | -0.052    | 2.53  | 0.016     | 0.013     | 0         | 55.9 | 52.5 | 71   | 163        | 154        | 0          | 33     | 32     |
| 2009 | 6     | 27  | 18   | 16     | 40     | 0.548     | -0.043    | 2.53  | 0.02      | 0.016     | 0         | 55   | 51.6 | 71.4 | 163        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 18   | 26     | 40     | 0.535     | -0.052    | 2.53  | 0.016     | 0.016     | 0         | 55   | 52   | 71   | 162        | 153        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 18   | 36     | 40     | 0.548     | -0.105    | 2.53  | 0.02      | 0.016     | 0         | 54.2 | 52   | 72.7 | 160        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 18   | 46     | 40     | 0.591     | -0.095    | 2.53  | 0.016     | 0.016     | 0         | 55   | 52   | 70.1 | 162        | 153        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 18   | 56     | 40     | 0.512     | -0.079    | 2.53  | 0.016     | 0.013     | 0         | 55.5 | 52   | 69.2 | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 19   | 6      | 40     | 0.525     | -0.066    | 2.53  | 0.02      | 0.016     | 0         | 55.9 | 52   | 69.7 | 163        | 154        | 0          | 33     | 33     |
| 2009 | 6     | 27  | 19   | 16     | 40     | 0.564     | -0.069    | 2.53  | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 69.7 | 163        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 19   | 26     | 40     | 0.548     | -0.069    | 2.53  | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 70.5 | 163        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 19   | 36     | 40     | 0.509     | -0.036    | 2.53  | 0.016     | 0.013     | 0         | 55.5 | 52.5 | 70.1 | 163        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 19   | 46     | 40     | 0.541     | -0.062    | 2.53  | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 70.5 | 163        | 155        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 19   | 56     | 40     | 0.607     | -0.069    | 2.53  | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 70.5 | 163        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 20   | 6      | 40     | 0.561     | -0.056    | 2.53  | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 69.7 | 163        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 20   | 16     | 40     | 0.568     | -0.046    | 2.53  | 0.016     | 0.016     | 0         | 55   | 52.5 | 70.1 | 163        | 155        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 20   | 26     | 40     | 0.577     | -0.102    | 2.53  | 0.023     | 0.02      | 0         | 55   | 52   | 68.8 | 162        | 153        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 20   | 36     | 40     | 0.571     | -0.059    | 2.53  | 0.016     | 0.016     | 0         | 55   | 52.5 | 69.7 | 163        | 154        | 0          | 35     | 32     |
| 2009 | 6     | 27  | 20   | 46     | 40     | 0.604     | -0.066    | 2.53  | 0.016     | 0.016     | 0         | 55   | 52.9 | 69.7 | 163        | 155        | 0          | 35     | 32     |
| 2009 | 6     | 27  | 20   | 56     | 40     | 0.531     | -0.043    | 2.53  | 0.016     | 0.016     | 0         | 55.5 | 52   | 69.7 | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 21   | 6      | 40     | 0.522     | -0.082    | 2.53  | 0.016     | 0.016     | 0         | 55   | 52.5 | 69.2 | 163        | 154        | 0          | 35     | 32     |
| 2009 | 6     | 27  | 21   | 16     | 40     | 0.535     | 0         | 2.53  | 0.02      | 0.016     | 0         | 55.5 | 52   | 69.7 | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 21   | 26     | 40     | 0.561     | -0.059    | 2.53  | 0.016     | 0.016     | 0         | 55.5 | 52   | 68.4 | 163        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 21   | 36     | 40     | 0.561     | -0.089    | 2.53  | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 68.8 | 163        | 155        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 21   | 46     | 40     | 0.558     | -0.066    | 2.53  | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 68.8 | 163        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 21   | 56     | 40     | 0.581     | -0.033    | 2.53  | 0.02      | 0.016     | 0         | 54.6 | 52.5 | 69.2 | 162        | 154        | 0          | 35     | 32     |
| 2009 | 6     | 27  | 22   | 6      | 40     | 0.528     | -0.072    | 2.53  | 0.016     | 0.013     | 0         | 55   | 51.6 | 69.2 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 22   | 16     | 40     | 0.522     | -0.085    | 2.53  | 0.016     | 0.016     | 0         | 55   | 52.5 | 69.2 | 162        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 22   | 26     | 40     | 0.548     | -0.059    | 2.53  | 0.016     | 0.016     | 0         | 55   | 52   | 68.8 | 162        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 22   | 36     | 40     | 0.604     | -0.069    | 2.53  | 0.016     | 0.013     | 0         | 55   | 52.5 | 68.4 | 162        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 22   | 46     | 40     | 0.535     | -0.062    | 2.53  | 0.02      | 0.016     | 0         | 55.5 | 52.5 | 69.2 | 163        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 22   | 56     | 40     | 0.541     | -0.075    | 2.53  | 0.016     | 0.016     | 0         | 55   | 52   | 68.4 | 162        | 153        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 23   | 6      | 40     | 0.548     | -0.092    | 2.53  | 0.016     | 0.016     | 0         | 55   | 51.6 | 69.2 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 23   | 16     | 40     | 0.561     | -0.062    | 2.533 | 0.02      | 0.016     | 0         | 55   | 51.6 | 69.2 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 27  | 23   | 26     | 40     | 0.545     | -0.052    | 2.533 | 0.016     | 0.013     | 0         | 54.6 | 51.6 | 68.4 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 27  | 23   | 36     | 40     | 0.594     | -0.069    | 2.533 | 0.016     | 0.016     | 0         | 55   | 52   | 68.4 | 162        | 153        | 0          | 34     | 32     |
| 2009 | 6     | 27  | 23   | 46     | 40     | 0.6       | -0.072    | 2.53  | 0.02      | 0.016     | 0         | 54.6 | 52   | 68.4 | 162        | 153        | 0          | 35     | 32     |
| 2009 | 6     | 27  | 23   | 56     | 40     | 0.62      | -0.069    | 2.533 | 0.02      | 0.016     | 0         | 54.6 | 51.6 | 67.9 | 162        | 153        | 0          | 35     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 28  | 0    | 6      | 40     | 0.525     | -0.082    | 2.533 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 68.4 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 0    | 16     | 40     | 0.492     | -0.066    | 2.533 | 0.016     | 0.016     | 0         | 54.6 | 52   | 67.1 | 162        | 153        | 0          | 35     | 32     |
| 2009 | 6     | 28  | 0    | 26     | 40     | 0.561     | -0.085    | 2.533 | 0.016     | 0.013     | 0         | 54.6 | 52   | 66.7 | 162        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 0    | 36     | 40     | 0.6       | -0.072    | 2.533 | 0.02      | 0.016     | 0         | 55   | 52   | 67.5 | 162        | 153        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 0    | 46     | 40     | 0.577     | -0.085    | 2.533 | 0.016     | 0.016     | 0         | 54.6 | 51.2 | 67.1 | 162        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 28  | 0    | 56     | 40     | 0.597     | -0.085    | 2.533 | 0.02      | 0.016     | 0         | 54.6 | 52   | 66.2 | 162        | 153        | 0          | 35     | 32     |
| 2009 | 6     | 28  | 1    | 6      | 40     | 0.568     | -0.069    | 2.533 | 0.023     | 0.02      | 0         | 55   | 51.6 | 67.1 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 1    | 16     | 40     | 0.545     | -0.069    | 2.533 | 0.02      | 0.016     | 0         | 54.6 | 52   | 66.2 | 162        | 154        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 1    | 26     | 40     | 0.604     | -0.052    | 2.533 | 0.016     | 0.016     | 0         | 55   | 52   | 66.2 | 162        | 153        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 1    | 36     | 40     | 0.525     | -0.026    | 2.536 | 0.016     | 0.013     | 0         | 54.6 | 51.6 | 65.4 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 1    | 46     | 40     | 0.604     | -0.092    | 2.536 | 0.02      | 0.016     | 0         | 53.8 | 52.5 | 65.8 | 159        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 1    | 56     | 40     | 0.558     | -0.085    | 2.539 | 0.02      | 0.016     | 0         | 55   | 51.6 | 66.2 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 2    | 6      | 40     | 0.545     | -0.056    | 2.543 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 66.2 | 161        | 152        | 0          | 35     | 32     |
| 2009 | 6     | 28  | 2    | 16     | 40     | 0.512     | -0.039    | 2.546 | 0.02      | 0.016     | 0         | 54.2 | 51.6 | 66.7 | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 2    | 26     | 40     | 0.587     | -0.085    | 2.546 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 67.1 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 2    | 36     | 40     | 0.584     | -0.052    | 2.546 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 67.5 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 2    | 46     | 40     | 0.558     | -0.082    | 2.549 | 0.016     | 0.016     | 0         | 54.6 | 51.2 | 67.1 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 2    | 56     | 40     | 0.623     | -0.075    | 2.549 | 0.02      | 0.016     | 0         | 54.6 | 51.2 | 67.5 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 3    | 6      | 40     | 0.61      | -0.062    | 2.549 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 67.5 | 161        | 152        | 0          | 35     | 32     |
| 2009 | 6     | 28  | 3    | 16     | 40     | 0.548     | -0.105    | 2.549 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 67.9 | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 3    | 26     | 40     | 0.512     | -0.072    | 2.549 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 67.9 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 3    | 36     | 40     | 0.623     | -0.085    | 2.549 | 0.02      | 0.016     | 0         | 54.6 | 51.2 | 68.4 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 3    | 46     | 40     | 0.535     | -0.092    | 2.552 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 68.8 | 161        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 3    | 56     | 40     | 0.541     | -0.118    | 2.552 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 67.9 | 161        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 4    | 6      | 40     | 0.545     | -0.102    | 2.552 | 0.02      | 0.016     | 0         | 55   | 51.6 | 67.9 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 4    | 16     | 40     | 0.607     | -0.069    | 2.552 | 0.016     | 0.016     | 0         | 54.6 | 46.9 | 68.8 | 161        | 143        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 4    | 26     | 40     | 0.495     | -0.085    | 2.552 | 0.02      | 0.016     | 0         | 54.6 | 51.6 | 69.7 | 161        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 4    | 36     | 40     | 0.614     | -0.066    | 2.552 | 0.016     | 0.013     | 0         | 54.6 | 51.2 | 69.7 | 162        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 4    | 46     | 40     | 0.584     | -0.075    | 2.552 | 0.02      | 0.016     | 0         | 54.2 | 51.6 | 69.2 | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 4    | 56     | 40     | 0.505     | -0.072    | 2.552 | 0.02      | 0.016     | 0         | 55   | 51.6 | 69.2 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 5    | 6      | 40     | 0.571     | -0.033    | 2.552 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 69.7 | 161        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 5    | 16     | 40     | 0.574     | -0.075    | 2.552 | 0.016     | 0.016     | 0         | 55   | 51.6 | 69.7 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 5    | 26     | 40     | 0.591     | -0.085    | 2.552 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 69.2 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 5    | 36     | 40     | 0.551     | -0.085    | 2.552 | 0.02      | 0.016     | 0         | 55   | 51.6 | 69.7 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 5    | 46     | 40     | 0.564     | -0.112    | 2.552 | 0.02      | 0.016     | 0         | 55   | 51.6 | 69.7 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 5    | 56     | 40     | 0.574     | -0.108    | 2.552 | 0.016     | 0.013     | 0         | 54.6 | 51.6 | 69.2 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 6    | 6      | 40     | 0.548     | -0.062    | 2.556 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 69.2 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 6    | 16     | 40     | 0.558     | -0.049    | 2.556 | 0.016     | 0.016     | 0         | 54.6 | 52.5 | 70.1 | 162        | 154        | 0          | 35     | 32     |
| 2009 | 6     | 28  | 6    | 26     | 40     | 0.551     | -0.075    | 2.556 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 69.7 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 6    | 36     | 40     | 0.568     | -0.075    | 2.556 | 0.02      | 0.016     | 0         | 54.6 | 52.5 | 69.7 | 162        | 154        | 0          | 35     | 32     |
| 2009 | 6     | 28  | 6    | 46     | 40     | 0.577     | -0.118    | 2.556 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 69.7 | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 6    | 56     | 40     | 0.584     | -0.059    | 2.556 | 0.016     | 0.013     | 0         | 54.6 | 51.2 | 69.7 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 7    | 6      | 40     | 0.607     | -0.043    | 2.556 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 70.1 | 161        | 153        | 0          | 35     | 34     |
| 2009 | 6     | 28  | 7    | 16     | 40     | 0.568     | -0.059    | 2.556 | 0.016     | 0.016     | 0         | 54.6 | 52   | 69.2 | 162        | 153        | 0          | 35     | 32     |
| 2009 | 6     | 28  | 7    | 26     | 40     | 0.577     | -0.079    | 2.556 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 69.2 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 7    | 36     | 40     | 0.545     | -0.066    | 2.556 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 69.7 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 7    | 46     | 40     | 0.545     | -0.092    | 2.556 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 69.2 | 161        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 7    | 56     | 40     | 0.512     | -0.075    | 2.556 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 69.2 | 161        | 152        | 0          | 35     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 28  | 8    | 6      | 40     | 0.581     | -0.082    | 2.556 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 69.2 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 8    | 16     | 40     | 0.545     | -0.069    | 2.556 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 69.7 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 8    | 26     | 40     | 0.545     | -0.092    | 2.556 | 0.02      | 0.016     | 0         | 54.2 | 51.6 | 69.2 | 161        | 152        | 0          | 35     | 32     |
| 2009 | 6     | 28  | 8    | 36     | 40     | 0.584     | -0.082    | 2.556 | 0.016     | 0.013     | 0         | 54.6 | 51.2 | 69.7 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 8    | 46     | 40     | 0.548     | -0.095    | 2.556 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 69.7 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 8    | 56     | 40     | 0.551     | -0.098    | 2.556 | 0.016     | 0.016     | 0         | 54.6 | 51.2 | 69.7 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 9    | 6      | 40     | 0.577     | -0.102    | 2.556 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 70.1 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 9    | 16     | 40     | 0.515     | -0.049    | 2.559 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 69.7 | 161        | 152        | 0          | 35     | 32     |
| 2009 | 6     | 28  | 9    | 26     | 40     | 0.561     | -0.085    | 2.559 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 70.1 | 160        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 9    | 36     | 40     | 0.574     | -0.092    | 2.559 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 69.2 | 161        | 152        | 0          | 35     | 32     |
| 2009 | 6     | 28  | 9    | 46     | 40     | 0.6       | -0.052    | 2.559 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 69.7 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 9    | 56     | 40     | 0.505     | -0.052    | 2.559 | 0.016     | 0.013     | 0         | 55   | 51.6 | 69.2 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 10   | 6      | 40     | 0.518     | -0.066    | 2.559 | 0.016     | 0.016     | 0         | 55   | 51.2 | 70.1 | 162        | 153        | 0          | 34     | 34     |
| 2009 | 6     | 28  | 10   | 16     | 40     | 0.564     | -0.036    | 2.559 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 69.2 | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 10   | 26     | 40     | 0.528     | -0.069    | 2.559 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 68.4 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 10   | 36     | 40     | 0.522     | -0.072    | 2.559 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 70.1 | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 10   | 46     | 40     | 0.538     | -0.062    | 2.559 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 70.1 | 161        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 10   | 56     | 40     | 0.587     | -0.095    | 2.559 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 69.7 | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 11   | 6      | 40     | 0.554     | -0.062    | 2.559 | 0.016     | 0.016     | 0         | 54.6 | 51.2 | 70.1 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 11   | 16     | 40     | 0.509     | -0.043    | 2.559 | 0.02      | 0.016     | 0         | 54.6 | 51.6 | 69.7 | 161        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 11   | 26     | 40     | 0.564     | -0.082    | 2.559 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 70.1 | 160        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 11   | 36     | 40     | 0.551     | -0.046    | 2.559 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 70.5 | 160        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 11   | 46     | 40     | 0.531     | -0.092    | 2.559 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 70.5 | 160        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 11   | 56     | 40     | 0.577     | -0.056    | 2.562 | 0.02      | 0.016     | 0         | 53.8 | 51.6 | 71   | 160        | 152        | 0          | 35     | 32     |
| 2009 | 6     | 28  | 12   | 6      | 40     | 0.518     | -0.085    | 2.559 | 0.02      | 0.016     | 0         | 53.3 | 51.2 | 70.5 | 159        | 151        | 0          | 35     | 32     |
| 2009 | 6     | 28  | 12   | 16     | 40     | 0.554     | -0.089    | 2.559 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 56.8 | 160        | 151        | 0          | 35     | 32     |
| 2009 | 6     | 28  | 12   | 26     | 40     | 0.551     | -0.039    | 2.559 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 69.7 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 12   | 36     | 40     | 0.577     | -0.105    | 2.559 | 0.02      | 0.016     | 0         | 53.3 | 50.7 | 63.6 | 159        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 12   | 46     | 40     | 0.531     | -0.069    | 2.559 | 0.023     | 0.02      | 0         | 53.8 | 51.2 | 69.2 | 160        | 151        | 0          | 35     | 32     |
| 2009 | 6     | 28  | 12   | 56     | 40     | 0.587     | -0.066    | 2.559 | 0.02      | 0.016     | 0         | 53.8 | 51.2 | 69.2 | 160        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 13   | 6      | 40     | 0.551     | -0.079    | 2.559 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 68.8 | 159        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 13   | 16     | 40     | 0.535     | -0.079    | 2.559 | 0.016     | 0.016     | 0         | 53.8 | 51.6 | 57.6 | 160        | 152        | 0          | 35     | 32     |
| 2009 | 6     | 28  | 13   | 26     | 40     | 0.571     | -0.069    | 2.559 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 67.9 | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 13   | 36     | 40     | 0.548     | -0.066    | 2.559 | 0.016     | 0.013     | 0         | 54.2 | 50.7 | 65.8 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 13   | 46     | 40     | 0.538     | -0.049    | 2.559 | 0.016     | 0.016     | 0         | 53.3 | 51.2 | 59.8 | 159        | 151        | 0          | 35     | 32     |
| 2009 | 6     | 28  | 13   | 56     | 40     | 0.604     | -0.082    | 2.559 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 67.9 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 14   | 6      | 40     | 0.561     | -0.052    | 2.556 | 0.016     | 0.016     | 0         | 54.2 | 50.7 | 53.8 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 14   | 16     | 40     | 0.568     | -0.095    | 2.556 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 52   | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 14   | 26     | 40     | 0.561     | -0.069    | 2.559 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 67.5 | 160        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 14   | 36     | 40     | 0.574     | -0.102    | 2.556 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 53.3 | 160        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 14   | 46     | 40     | 0.505     | -0.121    | 2.556 | 0.016     | 0.016     | 0         | 54.2 | 50.7 | 60.2 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 14   | 56     | 40     | 0.548     | -0.089    | 2.559 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 67.1 | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 15   | 6      | 40     | 0.587     | -0.052    | 2.559 | 0.02      | 0.016     | 0         | 53.8 | 50.7 | 67.9 | 159        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 15   | 16     | 40     | 0.515     | -0.049    | 2.549 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 49.9 | 160        | 151        | 0          | 35     | 32     |
| 2009 | 6     | 28  | 15   | 26     | 40     | 0.564     | -0.089    | 2.556 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 67.1 | 160        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 15   | 36     | 40     | 0.597     | -0.069    | 2.549 | 0.016     | 0.016     | 0         | 54.2 | 52   | 54.2 | 160        | 152        | 0          | 34     | 31     |
| 2009 | 6     | 28  | 15   | 46     | 40     | 0.541     | -0.039    | 2.552 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 49   | 160        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 15   | 56     | 40     | 0.515     | -0.036    | 2.556 | 0.02      | 0.016     | 0         | 54.6 | 51.6 | 67.1 | 161        | 152        | 0          | 34     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 28  | 16   | 6      | 40     | 0.541     | -0.069    | 2.549 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 62.4 | 160        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 16   | 16     | 40     | 0.509     | -0.03     | 2.549 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 54.6 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 16   | 26     | 40     | 0.522     | -0.098    | 2.549 | 0.023     | 0.02      | 0         | 53.8 | 51.2 | 49   | 159        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 16   | 36     | 40     | 0.571     | -0.043    | 2.549 | 0.02      | 0.016     | 0         | 53.8 | 51.2 | 62.8 | 159        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 16   | 46     | 40     | 0.564     | -0.069    | 2.546 | 0.02      | 0.016     | 0         | 53.8 | 51.2 | 60.6 | 159        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 16   | 56     | 40     | 0.548     | -0.072    | 2.546 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 66.7 | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 17   | 6      | 40     | 0.564     | -0.095    | 2.546 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 62.4 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 17   | 16     | 40     | 0.456     | -0.069    | 2.546 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 65.8 | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 17   | 26     | 40     | 0.554     | -0.069    | 2.546 | 0.016     | 0.013     | 0         | 52.9 | 51.2 | 61.9 | 157        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 17   | 36     | 40     | 0.531     | -0.043    | 2.546 | 0.02      | 0.016     | 0         | 54.6 | 51.2 | 49.9 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 17   | 46     | 40     | 0.594     | -0.066    | 2.549 | 0.016     | 0.016     | 0         | 54.2 | 50.7 | 67.5 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 17   | 56     | 40     | 0.515     | -0.069    | 2.546 | 0.016     | 0.013     | 0         | 54.2 | 50.7 | 61.1 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 18   | 6      | 40     | 0.561     | -0.036    | 2.546 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 67.1 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 18   | 16     | 40     | 0.538     | -0.066    | 2.546 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 59.3 | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 18   | 26     | 40     | 0.554     | -0.069    | 2.546 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 61.5 | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 18   | 36     | 40     | 0.568     | -0.069    | 2.546 | 0.016     | 0.016     | 0         | 54.2 | 50.7 | 66.7 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 18   | 46     | 40     | 0.528     | -0.039    | 2.546 | 0.016     | 0.013     | 0         | 54.2 | 50.7 | 67.5 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 18   | 56     | 40     | 0.499     | -0.092    | 2.546 | 0.02      | 0.016     | 0         | 53.8 | 51.2 | 67.1 | 160        | 151        | 0          | 35     | 32     |
| 2009 | 6     | 28  | 19   | 6      | 40     | 0.512     | -0.102    | 2.546 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 67.5 | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 19   | 16     | 40     | 0.528     | -0.059    | 2.546 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 66.2 | 160        | 152        | 0          | 35     | 32     |
| 2009 | 6     | 28  | 19   | 26     | 40     | 0.571     | -0.085    | 2.549 | 0.02      | 0.016     | 0         | 54.2 | 51.6 | 66.7 | 160        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 19   | 36     | 40     | 0.509     | -0.056    | 2.549 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 65.4 | 161        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 19   | 46     | 40     | 0.535     | -0.105    | 2.549 | 0.02      | 0.016     | 0         | 54.6 | 51.6 | 66.2 | 161        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 19   | 56     | 40     | 0.564     | -0.062    | 2.549 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 66.2 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 20   | 6      | 40     | 0.545     | -0.052    | 2.552 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 67.1 | 161        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 20   | 16     | 40     | 0.518     | -0.052    | 2.556 | 0.02      | 0.016     | 0         | 54.6 | 51.2 | 67.5 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 20   | 26     | 40     | 0.594     | -0.059    | 2.556 | 0.02      | 0.016     | 0         | 54.6 | 51.2 | 67.1 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 20   | 36     | 40     | 0.577     | -0.092    | 2.556 | 0.023     | 0.02      | 0         | 54.6 | 51.2 | 66.7 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 20   | 46     | 40     | 0.561     | -0.049    | 2.556 | 0.016     | 0.013     | 0         | 54.6 | 51.2 | 67.5 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 20   | 56     | 40     | 0.545     | -0.069    | 2.559 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 67.9 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 21   | 6      | 40     | 0.545     | -0.069    | 2.559 | 0.02      | 0.016     | 0         | 54.6 | 52   | 67.1 | 161        | 153        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 21   | 16     | 40     | 0.515     | -0.059    | 2.559 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 67.5 | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 21   | 26     | 40     | 0.548     | -0.098    | 2.559 | 0.016     | 0.016     | 0         | 54.6 | 52   | 67.5 | 161        | 153        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 21   | 36     | 40     | 0.561     | -0.033    | 2.559 | 0.023     | 0.02      | 0         | 54.6 | 51.6 | 67.5 | 161        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 21   | 46     | 40     | 0.545     | -0.069    | 2.559 | 0.023     | 0.02      | 0         | 54.2 | 51.2 | 67.9 | 160        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 21   | 56     | 40     | 0.551     | -0.046    | 2.559 | 0.016     | 0.016     | 0         | 54.6 | 51.2 | 68.4 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 22   | 6      | 40     | 0.545     | -0.066    | 2.559 | 0.02      | 0.016     | 0         | 55   | 51.2 | 67.9 | 162        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 22   | 16     | 40     | 0.525     | -0.069    | 2.559 | 0.02      | 0.016     | 0         | 54.6 | 51.6 | 68.4 | 161        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 22   | 26     | 40     | 0.525     | -0.052    | 2.559 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 68.8 | 161        | 152        | 0          | 35     | 32     |
| 2009 | 6     | 28  | 22   | 36     | 40     | 0.581     | -0.108    | 2.559 | 0.02      | 0.016     | 0         | 54.6 | 51.2 | 69.2 | 161        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 22   | 46     | 40     | 0.558     | -0.052    | 2.559 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 69.2 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 22   | 56     | 40     | 0.551     | -0.072    | 2.559 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 69.7 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 28  | 23   | 6      | 40     | 0.561     | -0.062    | 2.562 | 0.02      | 0.016     | 0         | 54.6 | 51.2 | 69.7 | 161        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 23   | 16     | 40     | 0.597     | -0.085    | 2.562 | 0.016     | 0.016     | 0         | 54.6 | 50.7 | 69.7 | 161        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 28  | 23   | 26     | 40     | 0.525     | -0.033    | 2.562 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 69.7 | 161        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 23   | 36     | 40     | 0.558     | -0.085    | 2.562 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 70.5 | 161        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 23   | 46     | 40     | 0.522     | -0.066    | 2.562 | 0.02      | 0.016     | 0         | 54.6 | 51.2 | 70.1 | 161        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 28  | 23   | 56     | 40     | 0.538     | -0.052    | 2.562 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 69.7 | 161        | 152        | 0          | 34     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 29  | 0    | 6      | 40     | 0.525     | -0.052    | 2.562 | 0.016     | 0.013     | 0         | 54.6 | 50.7 | 70.1 | 161        | 152        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 0    | 16     | 40     | 0.509     | -0.089    | 2.562 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 70.1 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 29  | 0    | 26     | 40     | 0.541     | -0.069    | 2.562 | 0.02      | 0.016     | 0         | 55   | 51.6 | 69.7 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 0    | 36     | 40     | 0.558     | -0.072    | 2.562 | 0.016     | 0.016     | 0         | 54.6 | 51.2 | 70.1 | 162        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 29  | 0    | 46     | 40     | 0.538     | -0.085    | 2.562 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 69.7 | 162        | 152        | 0          | 35     | 32     |
| 2009 | 6     | 29  | 0    | 56     | 40     | 0.522     | -0.056    | 2.562 | 0.02      | 0.016     | 0         | 55   | 51.2 | 69.7 | 162        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 1    | 6      | 40     | 0.587     | -0.049    | 2.562 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 69.7 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 29  | 1    | 16     | 40     | 0.551     | -0.072    | 2.562 | 0.02      | 0.016     | 0         | 55   | 51.6 | 70.1 | 162        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 1    | 26     | 40     | 0.571     | -0.069    | 2.562 | 0.016     | 0.013     | 0         | 54.6 | 51.2 | 70.5 | 161        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 1    | 36     | 40     | 0.531     | -0.085    | 2.562 | 0.02      | 0.016     | 0         | 54.6 | 50.7 | 69.2 | 161        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 1    | 46     | 40     | 0.486     | -0.075    | 2.562 | 0.02      | 0.016     | 0         | 54.6 | 51.2 | 69.2 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 1    | 56     | 40     | 0.538     | -0.062    | 2.562 | 0.02      | 0.016     | 0         | 54.6 | 50.7 | 70.1 | 161        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 2    | 6      | 40     | 0.525     | -0.066    | 2.566 | 0.02      | 0.016     | 0         | 53.3 | 51.2 | 69.7 | 159        | 151        | 0          | 35     | 32     |
| 2009 | 6     | 29  | 2    | 16     | 40     | 0.518     | -0.049    | 2.562 | 0.02      | 0.016     | 0         | 54.6 | 51.2 | 69.7 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 2    | 26     | 40     | 0.535     | -0.033    | 2.562 | 0.016     | 0.013     | 0         | 55   | 51.2 | 69.2 | 162        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 2    | 36     | 40     | 0.518     | -0.092    | 2.566 | 0.023     | 0.02      | 0         | 54.6 | 51.2 | 70.1 | 161        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 2    | 46     | 40     | 0.571     | -0.085    | 2.562 | 0.016     | 0.016     | 0         | 54.6 | 51.2 | 70.1 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 2    | 56     | 40     | 0.482     | -0.059    | 2.566 | 0.02      | 0.016     | 0         | 54.2 | 51.6 | 69.7 | 161        | 152        | 0          | 35     | 32     |
| 2009 | 6     | 29  | 3    | 6      | 40     | 0.577     | -0.121    | 2.566 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 69.7 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 29  | 3    | 16     | 40     | 0.577     | -0.056    | 2.566 | 0.02      | 0.016     | 0         | 54.6 | 50.7 | 69.2 | 161        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 3    | 26     | 40     | 0.518     | -0.052    | 2.566 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 70.1 | 161        | 152        | 0          | 35     | 32     |
| 2009 | 6     | 29  | 3    | 36     | 40     | 0.574     | -0.082    | 2.566 | 0.02      | 0.016     | 0         | 54.6 | 51.2 | 69.7 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 3    | 46     | 40     | 0.554     | -0.066    | 2.566 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 69.7 | 161        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 3    | 56     | 40     | 0.522     | -0.085    | 2.566 | 0.023     | 0.023     | 0         | 54.2 | 50.7 | 69.2 | 161        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 29  | 4    | 6      | 40     | 0.571     | -0.056    | 2.566 | 0.02      | 0.016     | 0         | 55   | 51.6 | 69.2 | 162        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 4    | 16     | 40     | 0.594     | -0.013    | 2.566 | 0.016     | 0.016     | 0         | 55   | 51.2 | 70.1 | 162        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 4    | 26     | 40     | 0.489     | -0.013    | 2.566 | 0.02      | 0.016     | 0         | 54.6 | 52   | 69.7 | 162        | 153        | 0          | 35     | 32     |
| 2009 | 6     | 29  | 4    | 36     | 40     | 0.551     | -0.069    | 2.566 | 0.016     | 0.016     | 0         | 55   | 51.6 | 68.8 | 162        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 4    | 46     | 40     | 0.531     | -0.069    | 2.566 | 0.016     | 0.016     | 0         | 55   | 52   | 68.4 | 162        | 153        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 4    | 56     | 40     | 0.522     | -0.056    | 2.566 | 0.016     | 0.016     | 0         | 55   | 51.6 | 68.4 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 5    | 6      | 40     | 0.571     | -0.079    | 2.566 | 0.02      | 0.016     | 0         | 55   | 51.2 | 68.4 | 162        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 5    | 16     | 40     | 0.499     | -0.036    | 2.566 | 0.016     | 0.016     | 0         | 55   | 51.6 | 68.4 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 5    | 26     | 40     | 0.551     | -0.095    | 2.566 | 0.02      | 0.016     | 0         | 54.6 | 52   | 67.9 | 162        | 153        | 0          | 35     | 32     |
| 2009 | 6     | 29  | 5    | 36     | 40     | 0.561     | -0.069    | 2.566 | 0.016     | 0.016     | 0         | 55.5 | 52   | 67.5 | 163        | 153        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 5    | 46     | 40     | 0.568     | -0.069    | 2.566 | 0.02      | 0.016     | 0         | 54.6 | 51.6 | 67.9 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 29  | 5    | 56     | 40     | 0.486     | -0.066    | 2.569 | 0.02      | 0.016     | 0         | 55.5 | 51.6 | 67.5 | 163        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 6    | 6      | 40     | 0.525     | -0.052    | 2.569 | 0.02      | 0.016     | 0         | 54.6 | 51.6 | 66.2 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 29  | 6    | 16     | 40     | 0.604     | -0.089    | 2.569 | 0.02      | 0.016     | 0         | 54.2 | 52   | 68.8 | 161        | 153        | 0          | 35     | 32     |
| 2009 | 6     | 29  | 6    | 26     | 40     | 0.528     | -0.052    | 2.569 | 0.02      | 0.016     | 0         | 54.6 | 51.6 | 67.9 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 29  | 6    | 36     | 40     | 0.574     | -0.085    | 2.569 | 0.016     | 0.016     | 0         | 54.6 | 50.7 | 67.5 | 162        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 29  | 6    | 46     | 40     | 0.577     | -0.089    | 2.569 | 0.02      | 0.016     | 0         | 55   | 51.6 | 67.5 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 6    | 56     | 40     | 0.541     | -0.075    | 2.569 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 67.5 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 29  | 7    | 6      | 40     | 0.499     | -0.062    | 2.569 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 67.9 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 29  | 7    | 16     | 40     | 0.574     | -0.059    | 2.572 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 68.4 | 161        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 7    | 26     | 40     | 0.548     | -0.036    | 2.572 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 67.5 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 29  | 7    | 36     | 40     | 0.554     | -0.069    | 2.572 | 0.016     | 0.016     | 0         | 54.6 | 51.2 | 67.9 | 162        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 29  | 7    | 46     | 40     | 0.584     | -0.102    | 2.572 | 0.016     | 0.016     | 0         | 55   | 51.2 | 67.9 | 162        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 7    | 56     | 40     | 0.568     | -0.062    | 2.572 | 0.016     | 0.016     | 0         | 54.6 | 51.2 | 67.5 | 162        | 152        | 0          | 35     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 29  | 8    | 6      | 40     | 0.564     | -0.085    | 2.572 | 0.02      | 0.016     | 0         | 54.6 | 51.2 | 67.1 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 8    | 16     | 40     | 0.577     | -0.072    | 2.572 | 0.016     | 0.013     | 0         | 54.6 | 51.2 | 66.7 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 8    | 26     | 40     | 0.554     | -0.118    | 2.572 | 0.02      | 0.016     | 0         | 54.6 | 51.2 | 67.1 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 8    | 36     | 40     | 0.482     | -0.069    | 2.572 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 67.1 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 29  | 8    | 46     | 40     | 0.636     | -0.069    | 2.572 | 0.016     | 0.016     | 0         | 54.6 | 51.2 | 67.5 | 161        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 8    | 56     | 40     | 0.568     | -0.082    | 2.572 | 0.016     | 0.013     | 0         | 54.6 | 51.2 | 66.2 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 9    | 6      | 40     | 0.581     | -0.052    | 2.572 | 0.016     | 0.016     | 0         | 55   | 51.6 | 66.2 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 9    | 16     | 40     | 0.594     | -0.056    | 2.572 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 66.7 | 161        | 152        | 0          | 35     | 32     |
| 2009 | 6     | 29  | 9    | 26     | 40     | 0.535     | -0.079    | 2.572 | 0.016     | 0.016     | 0         | 54.6 | 51.2 | 67.1 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 9    | 36     | 40     | 0.581     | -0.052    | 2.572 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 66.2 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 29  | 9    | 46     | 40     | 0.607     | -0.059    | 2.572 | 0.02      | 0.016     | 0         | 54.6 | 51.2 | 67.1 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 9    | 56     | 40     | 0.548     | -0.036    | 2.572 | 0.023     | 0.02      | 0         | 54.2 | 51.2 | 67.5 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 29  | 10   | 6      | 40     | 0.581     | -0.066    | 2.572 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 67.5 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 29  | 10   | 16     | 40     | 0.604     | -0.072    | 2.572 | 0.02      | 0.016     | 0         | 54.2 | 51.6 | 68.4 | 161        | 152        | 0          | 35     | 32     |
| 2009 | 6     | 29  | 10   | 26     | 40     | 0.538     | -0.082    | 2.572 | 0.016     | 0.013     | 0         | 54.6 | 51.2 | 68.4 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 10   | 36     | 40     | 0.551     | -0.072    | 2.572 | 0.016     | 0.013     | 0         | 54.6 | 51.6 | 67.9 | 161        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 10   | 46     | 40     | 0.515     | -0.089    | 2.572 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 67.5 | 161        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 29  | 10   | 56     | 40     | 0.541     | -0.069    | 2.572 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 67.9 | 161        | 152        | 0          | 35     | 32     |
| 2009 | 6     | 29  | 11   | 6      | 40     | 0.551     | -0.052    | 2.572 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 67.9 | 161        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 11   | 16     | 40     | 0.512     | -0.056    | 2.572 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 67.1 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 29  | 11   | 26     | 40     | 0.509     | -0.049    | 2.572 | 0.016     | 0.013     | 0         | 54.6 | 51.6 | 68.8 | 161        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 11   | 36     | 40     | 0.509     | -0.043    | 2.572 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 68.4 | 160        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 11   | 46     | 40     | 0.538     | -0.089    | 2.572 | 0.023     | 0.02      | 0         | 54.2 | 51.6 | 66.7 | 161        | 152        | 0          | 35     | 32     |
| 2009 | 6     | 29  | 11   | 56     | 40     | 0.558     | -0.098    | 2.575 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 49   | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 29  | 12   | 6      | 40     | 0.584     | -0.105    | 2.572 | 0.016     | 0.016     | 0         | 54.6 | 52   | 52.5 | 161        | 153        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 12   | 16     | 40     | 0.591     | -0.056    | 2.572 | 0.016     | 0.016     | 0         | 54.6 | 51.2 | 64.5 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 12   | 26     | 40     | 0.581     | -0.043    | 2.572 | 0.016     | 0.016     | 0         | 54.2 | 50.7 | 61.1 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 12   | 36     | 40     | 0.594     | -0.075    | 2.572 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 65.8 | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 12   | 46     | 40     | 0.548     | -0.059    | 2.572 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 64.5 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 29  | 12   | 56     | 40     | 0.577     | -0.089    | 2.572 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 53.3 | 160        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 13   | 6      | 40     | 0.561     | -0.039    | 2.572 | 0.02      | 0.016     | 0         | 54.6 | 51.6 | 51.2 | 162        | 153        | 0          | 35     | 33     |
| 2009 | 6     | 29  | 13   | 16     | 40     | 0.614     | -0.052    | 2.572 | 0.016     | 0.013     | 0         | 55.5 | 52   | 51.6 | 163        | 155        | 0          | 34     | 34     |
| 2009 | 6     | 29  | 13   | 26     | 40     | 0.535     | -0.046    | 2.572 | 0.02      | 0.016     | 0         | 55.9 | 52.9 | 51.6 | 164        | 155        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 13   | 36     | 40     | 0.581     | -0.033    | 2.572 | 0.02      | 0.016     | 0         | 55   | 52.5 | 52.9 | 162        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 13   | 46     | 40     | 0.594     | -0.082    | 2.572 | 0.016     | 0.016     | 0         | 55   | 52   | 62.8 | 162        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 13   | 56     | 40     | 0.584     | -0.056    | 2.572 | 0.016     | 0.013     | 0         | 55   | 52   | 62.4 | 162        | 154        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 14   | 6      | 40     | 0.561     | -0.075    | 2.572 | 0.016     | 0.013     | 0         | 55   | 51.6 | 68.4 | 162        | 153        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 14   | 16     | 40     | 0.62      | -0.066    | 2.572 | 0.016     | 0.013     | 0         | 55   | 52   | 68.4 | 162        | 153        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 14   | 26     | 40     | 0.581     | -0.075    | 2.572 | 0.02      | 0.016     | 0         | 54.6 | 52   | 68.8 | 161        | 153        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 14   | 36     | 40     | 0.614     | -0.079    | 2.572 | 0.016     | 0.016     | 0         | 54.2 | 52   | 66.2 | 161        | 153        | 0          | 35     | 32     |
| 2009 | 6     | 29  | 14   | 46     | 40     | 0.65      | -0.059    | 2.572 | 0.016     | 0.016     | 0         | 55   | 52   | 66.7 | 162        | 153        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 14   | 56     | 40     | 0.62      | -0.052    | 2.572 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 71   | 161        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 15   | 6      | 40     | 0.594     | -0.066    | 2.572 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 70.5 | 161        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 15   | 16     | 40     | 0.581     | -0.062    | 2.572 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 69.7 | 161        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 15   | 26     | 40     | 0.584     | -0.072    | 2.572 | 0.02      | 0.016     | 0         | 54.6 | 51.6 | 69.7 | 161        | 151        | 0          | 34     | 31     |
| 2009 | 6     | 29  | 15   | 36     | 40     | 0.564     | -0.052    | 2.572 | 0.016     | 0.016     | 0         | 54.2 | 50.7 | 49.5 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 15   | 46     | 40     | 0.584     | -0.03     | 2.569 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 49   | 161        | 152        | 0          | 35     | 32     |
| 2009 | 6     | 29  | 15   | 56     | 40     | 0.554     | -0.036    | 2.572 | 0.016     | 0.013     | 0         | 55.5 | 52.5 | 56.3 | 163        | 154        | 0          | 34     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 29  | 16   | 6      | 40     | 0.62      | -0.026    | 2.572 | 0.02      | 0.016     | 0         | 55.5 | 52.9 | 63.6 | 163        | 155        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 16   | 16     | 40     | 0.6       | -0.039    | 2.572 | 0.016     | 0.016     | 0         | 55.5 | 52.5 | 68.8 | 163        | 154        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 16   | 26     | 40     | 0.548     | -0.039    | 2.572 | 0.016     | 0.013     | 0         | 54.2 | 52   | 67.9 | 161        | 153        | 0          | 35     | 32     |
| 2009 | 6     | 29  | 16   | 36     | 40     | 0.571     | -0.066    | 2.572 | 0.02      | 0.016     | 0         | 54.6 | 51.2 | 70.5 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 16   | 46     | 40     | 0.594     | -0.036    | 2.572 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 70.1 | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 16   | 56     | 40     | 0.617     | -0.108    | 2.572 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 61.9 | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 17   | 6      | 40     | 0.528     | -0.052    | 2.572 | 0.02      | 0.016     | 0         | 53.8 | 51.2 | 52   | 160        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 29  | 17   | 16     | 40     | 0.571     | -0.033    | 2.572 | 0.02      | 0.016     | 0         | 54.6 | 51.6 | 57.6 | 161        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 17   | 26     | 40     | 0.633     | -0.098    | 2.572 | 0.02      | 0.016     | 0         | 55   | 51.6 | 64.5 | 161        | 152        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 17   | 36     | 40     | 0.633     | -0.075    | 2.572 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 67.9 | 160        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 17   | 46     | 40     | 0.65      | -0.075    | 2.572 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 70.1 | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 17   | 56     | 40     | 0.574     | -0.023    | 2.572 | 0.016     | 0.016     | 0         | 54.6 | 51.2 | 70.1 | 160        | 151        | 0          | 33     | 32     |
| 2009 | 6     | 29  | 18   | 6      | 40     | 0.551     | -0.046    | 2.572 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 70.5 | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 18   | 16     | 40     | 0.614     | -0.079    | 2.572 | 0.02      | 0.016     | 0         | 54.2 | 51.6 | 70.1 | 160        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 18   | 26     | 40     | 0.577     | -0.066    | 2.572 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 70.1 | 160        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 18   | 36     | 40     | 0.571     | -0.049    | 2.572 | 0.02      | 0.016     | 0         | 54.2 | 51.6 | 70.5 | 160        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 18   | 46     | 40     | 0.591     | -0.072    | 2.572 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 70.5 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 18   | 56     | 40     | 0.528     | -0.092    | 2.572 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 71   | 160        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 19   | 6      | 40     | 0.6       | -0.033    | 2.572 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 69.7 | 160        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 19   | 16     | 40     | 0.531     | -0.089    | 2.572 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 69.7 | 160        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 19   | 26     | 40     | 0.561     | -0.033    | 2.572 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 69.2 | 160        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 19   | 36     | 40     | 0.597     | -0.046    | 2.572 | 0.02      | 0.016     | 0         | 54.6 | 49.9 | 70.5 | 160        | 149        | 0          | 33     | 33     |
| 2009 | 6     | 29  | 19   | 46     | 40     | 0.594     | -0.069    | 2.572 | 0.026     | 0.023     | 0         | 54.2 | 50.7 | 70.1 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 19   | 56     | 40     | 0.545     | -0.046    | 2.572 | 0.02      | 0.016     | 0         | 54.2 | 51.6 | 69.2 | 160        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 20   | 6      | 40     | 0.627     | -0.082    | 2.572 | 0.02      | 0.016     | 0         | 54.2 | 51.6 | 69.7 | 160        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 20   | 16     | 40     | 0.568     | -0.03     | 2.575 | 0.016     | 0.013     | 0         | 54.2 | 45.6 | 71.4 | 160        | 139        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 20   | 26     | 40     | 0.6       | -0.007    | 2.572 | 0.016     | 0.016     | 0         | 53.8 | 51.6 | 69.7 | 160        | 152        | 0          | 35     | 32     |
| 2009 | 6     | 29  | 20   | 36     | 40     | 0.564     | -0.089    | 2.575 | 0.02      | 0.016     | 0         | 54.2 | 49.5 | 69.7 | 160        | 148        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 20   | 46     | 40     | 0.604     | -0.092    | 2.572 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 70.1 | 160        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 20   | 56     | 40     | 0.561     | -0.069    | 2.572 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 67.9 | 160        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 21   | 6      | 40     | 0.594     | -0.082    | 2.572 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 69.7 | 160        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 29  | 21   | 16     | 40     | 0.545     | -0.082    | 2.572 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 69.7 | 160        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 21   | 26     | 40     | 0.594     | -0.085    | 2.572 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 68.8 | 160        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 21   | 36     | 40     | 0.63      | -0.049    | 2.575 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 69.2 | 160        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 29  | 21   | 46     | 40     | 0.607     | -0.062    | 2.575 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 69.2 | 160        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 21   | 56     | 40     | 0.597     | -0.085    | 2.575 | 0.02      | 0.016     | 0         | 49   | 51.2 | 70.1 | 148        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 22   | 6      | 40     | 0.587     | -0.026    | 2.575 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 68.8 | 160        | 151        | 0          | 35     | 32     |
| 2009 | 6     | 29  | 22   | 16     | 40     | 0.646     | -0.069    | 2.575 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 68.8 | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 22   | 26     | 40     | 0.623     | -0.079    | 2.575 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 70.1 | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 22   | 36     | 40     | 0.577     | -0.062    | 2.575 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 69.7 | 160        | 151        | 0          | 35     | 32     |
| 2009 | 6     | 29  | 22   | 46     | 40     | 0.554     | -0.043    | 2.575 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 68.8 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 22   | 56     | 40     | 0.591     | -0.046    | 2.575 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 68.8 | 160        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 23   | 6      | 40     | 0.594     | -0.069    | 2.575 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 69.7 | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 23   | 16     | 40     | 0.561     | -0.052    | 2.575 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 68.4 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 23   | 26     | 40     | 0.574     | -0.046    | 2.575 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 68.8 | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 23   | 36     | 40     | 0.568     | -0.072    | 2.575 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 68.4 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 29  | 23   | 46     | 40     | 0.617     | -0.069    | 2.575 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 68.4 | 159        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 29  | 23   | 56     | 40     | 0.617     | -0.089    | 2.579 | 0.02      | 0.016     | 0         | 53.8 | 50.7 | 67.5 | 160        | 151        | 0          | 35     | 33     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 30  | 0    | 6      | 40     | 0.627     | -0.059    | 2.579 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 67.9 | 159        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 0    | 16     | 40     | 0.591     | -0.046    | 2.579 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 67.5 | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 0    | 26     | 40     | 0.6       | -0.102    | 2.579 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 66.2 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 0    | 36     | 40     | 0.614     | -0.108    | 2.579 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 67.1 | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 0    | 46     | 40     | 0.561     | -0.102    | 2.582 | 0.016     | 0.016     | 0         | 54.2 | 50.7 | 66.7 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 0    | 56     | 40     | 0.574     | -0.089    | 2.582 | 0.016     | 0.016     | 0         | 54.2 | 50.7 | 66.7 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 1    | 6      | 40     | 0.551     | -0.033    | 2.585 | 0.016     | 0.016     | 0         | 54.2 | 50.7 | 66.7 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 1    | 16     | 40     | 0.571     | -0.052    | 2.585 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 67.5 | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 1    | 26     | 40     | 0.551     | -0.052    | 2.589 | 0.023     | 0.02      | 0         | 54.2 | 50.7 | 66.7 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 1    | 36     | 40     | 0.646     | -0.085    | 2.592 | 0.016     | 0.013     | 0         | 53.8 | 50.3 | 67.5 | 159        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 1    | 46     | 40     | 0.636     | -0.049    | 2.589 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 67.5 | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 1    | 56     | 40     | 0.512     | -0.079    | 2.592 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 67.1 | 160        | 151        | 0          | 35     | 32     |
| 2009 | 6     | 30  | 2    | 6      | 40     | 0.574     | -0.052    | 2.592 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 67.9 | 160        | 151        | 0          | 35     | 32     |
| 2009 | 6     | 30  | 2    | 16     | 40     | 0.587     | -0.092    | 2.592 | 0.02      | 0.016     | 0         | 53.8 | 51.2 | 67.9 | 159        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 2    | 26     | 40     | 0.554     | -0.069    | 2.592 | 0.016     | 0.013     | 0         | 54.2 | 50.7 | 68.4 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 2    | 36     | 40     | 0.581     | -0.082    | 2.592 | 0.02      | 0.016     | 0         | 53.3 | 50.3 | 68.4 | 158        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 2    | 46     | 40     | 0.584     | -0.062    | 2.592 | 0.02      | 0.016     | 0         | 53.8 | 51.2 | 70.1 | 159        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 2    | 56     | 40     | 0.587     | -0.049    | 2.592 | 0.023     | 0.02      | 0         | 53.8 | 50.3 | 69.2 | 160        | 151        | 0          | 35     | 34     |
| 2009 | 6     | 30  | 3    | 6      | 40     | 0.584     | -0.062    | 2.595 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 68.8 | 160        | 151        | 0          | 35     | 32     |
| 2009 | 6     | 30  | 3    | 16     | 40     | 0.581     | -0.092    | 2.595 | 0.016     | 0.016     | 0         | 54.2 | 50.7 | 69.7 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 3    | 26     | 40     | 0.607     | -0.056    | 2.595 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 69.7 | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 3    | 36     | 40     | 0.584     | -0.085    | 2.595 | 0.02      | 0.016     | 0         | 53.8 | 50.7 | 70.1 | 159        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 3    | 46     | 40     | 0.587     | -0.056    | 2.595 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 70.1 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 3    | 56     | 40     | 0.564     | -0.069    | 2.595 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 70.5 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 4    | 6      | 40     | 0.597     | -0.075    | 2.595 | 0.016     | 0.016     | 0         | 54.2 | 50.7 | 70.5 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 4    | 16     | 40     | 0.551     | -0.092    | 2.598 | 0.02      | 0.016     | 0         | 54.6 | 51.6 | 71   | 161        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 4    | 26     | 40     | 0.604     | -0.069    | 2.598 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 71   | 161        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 30  | 4    | 36     | 40     | 0.535     | -0.066    | 2.598 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 70.5 | 161        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 4    | 46     | 40     | 0.604     | -0.085    | 2.598 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 71   | 160        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 4    | 56     | 40     | 0.571     | -0.066    | 2.598 | 0.02      | 0.016     | 0         | 53.8 | 51.2 | 71   | 160        | 151        | 0          | 35     | 32     |
| 2009 | 6     | 30  | 5    | 6      | 40     | 0.568     | -0.066    | 2.598 | 0.016     | 0.013     | 0         | 54.6 | 51.2 | 70.5 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 5    | 16     | 40     | 0.62      | -0.046    | 2.598 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 71.4 | 161        | 152        | 0          | 35     | 32     |
| 2009 | 6     | 30  | 5    | 26     | 40     | 0.587     | -0.043    | 2.598 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 71.4 | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 30  | 5    | 36     | 40     | 0.594     | -0.072    | 2.598 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 70.5 | 161        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 5    | 46     | 40     | 0.584     | -0.105    | 2.598 | 0.02      | 0.016     | 0         | 54.6 | 51.6 | 70.1 | 161        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 5    | 56     | 40     | 0.564     | -0.069    | 2.598 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 71   | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 30  | 6    | 6      | 40     | 0.604     | -0.039    | 2.598 | 0.02      | 0.016     | 0         | 54.6 | 51.2 | 70.5 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 6    | 16     | 40     | 0.528     | -0.085    | 2.602 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 71   | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 30  | 6    | 26     | 40     | 0.535     | -0.075    | 2.602 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 71   | 161        | 152        | 0          | 35     | 33     |
| 2009 | 6     | 30  | 6    | 36     | 40     | 0.568     | -0.052    | 2.602 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 71.4 | 161        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 6    | 46     | 40     | 0.574     | -0.085    | 2.602 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 70.1 | 160        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 6    | 56     | 40     | 0.561     | -0.062    | 2.602 | 0.02      | 0.016     | 0         | 54.6 | 51.2 | 70.5 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 7    | 6      | 40     | 0.584     | -0.046    | 2.602 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 70.5 | 160        | 151        | 0          | 35     | 32     |
| 2009 | 6     | 30  | 7    | 16     | 40     | 0.571     | -0.095    | 2.602 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 70.1 | 160        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 7    | 26     | 40     | 0.554     | -0.079    | 2.602 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 69.7 | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 7    | 36     | 40     | 0.61      | -0.089    | 2.602 | 0.016     | 0.016     | 0         | 54.2 | 50.7 | 70.5 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 7    | 46     | 40     | 0.591     | -0.098    | 2.602 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 71   | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 7    | 56     | 40     | 0.594     | -0.089    | 2.602 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 71   | 160        | 151        | 0          | 34     | 33     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 30  | 8    | 6      | 40     | 0.594     | -0.105    | 2.602 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 70.5 | 159        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 8    | 16     | 40     | 0.607     | -0.052    | 2.602 | 0.02      | 0.016     | 0         | 53.8 | 50.7 | 70.5 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 30  | 8    | 26     | 40     | 0.587     | -0.069    | 2.602 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 71   | 158        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 8    | 36     | 40     | 0.574     | -0.069    | 2.602 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 70.5 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 30  | 8    | 46     | 40     | 0.6       | -0.056    | 2.602 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 71.4 | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 8    | 56     | 40     | 0.531     | -0.075    | 2.605 | 0.016     | 0.013     | 0         | 54.2 | 50.7 | 71.4 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 9    | 6      | 40     | 0.584     | -0.089    | 2.605 | 0.013     | 0.01      | 0         | 53.8 | 50.7 | 71.4 | 159        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 9    | 16     | 40     | 0.571     | -0.052    | 2.605 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 71.4 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 30  | 9    | 26     | 40     | 0.581     | -0.059    | 2.605 | 0.023     | 0.02      | 0         | 54.2 | 50.7 | 71   | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 9    | 36     | 40     | 0.614     | -0.059    | 2.605 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 71.4 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 9    | 46     | 40     | 0.577     | -0.089    | 2.605 | 0.016     | 0.013     | 0         | 53.8 | 51.6 | 71.4 | 160        | 152        | 0          | 35     | 32     |
| 2009 | 6     | 30  | 9    | 56     | 40     | 0.61      | -0.072    | 2.605 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 71.4 | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 10   | 6      | 40     | 0.568     | -0.069    | 2.605 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 71.4 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 30  | 10   | 16     | 40     | 0.538     | -0.085    | 2.605 | 0.02      | 0.016     | 0         | 53.8 | 51.2 | 71.8 | 160        | 151        | 0          | 35     | 32     |
| 2009 | 6     | 30  | 10   | 26     | 40     | 0.587     | -0.075    | 2.605 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 71.4 | 161        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 10   | 36     | 40     | 0.623     | -0.059    | 2.605 | 0.016     | 0.016     | 0         | 54.6 | 51.2 | 71.4 | 161        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 10   | 46     | 40     | 0.623     | -0.039    | 2.605 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 71.4 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 10   | 56     | 40     | 0.581     | -0.036    | 2.605 | 0.02      | 0.016     | 0         | 53.8 | 51.6 | 72.2 | 160        | 152        | 0          | 35     | 32     |
| 2009 | 6     | 30  | 11   | 6      | 40     | 0.531     | -0.075    | 2.608 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 71.8 | 160        | 151        | 0          | 35     | 33     |
| 2009 | 6     | 30  | 11   | 16     | 40     | 0.591     | -0.056    | 2.608 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 71.4 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 11   | 26     | 40     | 0.594     | -0.062    | 2.608 | 0.02      | 0.016     | 0         | 53.3 | 50.7 | 72.2 | 159        | 150        | 0          | 35     | 32     |
| 2009 | 6     | 30  | 11   | 36     | 40     | 0.581     | -0.043    | 2.608 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 71.4 | 159        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 11   | 46     | 40     | 0.65      | -0.085    | 2.608 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 71.8 | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 11   | 56     | 40     | 0.591     | -0.052    | 2.608 | 0.016     | 0.016     | 0         | 53.3 | 51.2 | 71   | 159        | 151        | 0          | 35     | 32     |
| 2009 | 6     | 30  | 12   | 6      | 40     | 0.591     | -0.046    | 2.608 | 0.02      | 0.016     | 0         | 53.8 | 50.7 | 69.7 | 159        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 12   | 16     | 40     | 0.571     | -0.066    | 2.608 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 71   | 159        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 12   | 26     | 40     | 0.554     | -0.069    | 2.608 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 71.4 | 159        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 12   | 36     | 40     | 0.587     | -0.075    | 2.608 | 0.02      | 0.016     | 0         | 53.8 | 50.7 | 72.2 | 159        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 12   | 46     | 40     | 0.554     | -0.069    | 2.608 | 0.016     | 0.016     | 0         | 53.3 | 50.7 | 64.9 | 159        | 150        | 0          | 35     | 32     |
| 2009 | 6     | 30  | 12   | 56     | 40     | 0.581     | -0.052    | 2.608 | 0.016     | 0.013     | 0         | 53.8 | 50.7 | 70.5 | 159        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 13   | 6      | 40     | 0.597     | -0.072    | 2.608 | 0.016     | 0.016     | 0         | 53.8 | 51.6 | 71.4 | 159        | 151        | 0          | 34     | 31     |
| 2009 | 6     | 30  | 13   | 16     | 40     | 0.548     | -0.072    | 2.608 | 0.016     | 0.013     | 0         | 53.8 | 50.3 | 63.2 | 159        | 150        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 13   | 26     | 40     | 0.6       | -0.095    | 2.608 | 0.016     | 0.016     | 0         | 54.2 | 50.7 | 71   | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 13   | 36     | 40     | 0.577     | -0.052    | 2.608 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 66.7 | 159        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 13   | 46     | 40     | 0.571     | -0.043    | 2.608 | 0.016     | 0.016     | 0         | 54.2 | 50.7 | 69.2 | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 13   | 56     | 40     | 0.574     | -0.056    | 2.608 | 0.02      | 0.016     | 0         | 53.8 | 51.2 | 71   | 159        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 14   | 6      | 40     | 0.531     | -0.033    | 2.608 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 67.1 | 159        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 14   | 16     | 40     | 0.564     | -0.089    | 2.608 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 62.8 | 159        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 14   | 26     | 40     | 0.558     | -0.102    | 2.608 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 53.3 | 159        | 150        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 14   | 36     | 40     | 0.564     | -0.105    | 2.608 | 0.016     | 0.013     | 0         | 54.2 | 50.7 | 70.1 | 159        | 150        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 14   | 46     | 40     | 0.591     | -0.056    | 2.608 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 60.6 | 159        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 14   | 56     | 40     | 0.584     | -0.105    | 2.608 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 61.1 | 159        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 15   | 6      | 40     | 0.61      | -0.082    | 2.608 | 0.02      | 0.016     | 0         | 54.2 | 50.7 | 50.3 | 159        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 15   | 16     | 40     | 0.525     | -0.056    | 2.608 | 0.016     | 0.013     | 0         | 54.2 | 51.2 | 53.3 | 159        | 151        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 15   | 26     | 40     | 0.591     | -0.056    | 2.608 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 50.7 | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 15   | 36     | 40     | 0.591     | -0.062    | 2.608 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 55.9 | 160        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 15   | 46     | 40     | 0.584     | -0.092    | 2.608 | 0.016     | 0.016     | 0         | 54.6 | 51.6 | 53.8 | 161        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 15   | 56     | 40     | 0.561     | -0.026    | 2.608 | 0.023     | 0.02      | 0         | 54.6 | 52   | 46.4 | 161        | 153        | 0          | 34     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 30  | 16   | 6      | 40     | 0.614     | -0.056    | 2.608 | 0.02      | 0.016     | 0         | 54.6 | 51.6 | 67.1 | 160        | 152        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 16   | 16     | 40     | 0.558     | -0.072    | 2.608 | 0.016     | 0.013     | 0         | 54.6 | 51.6 | 59.3 | 161        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 16   | 26     | 40     | 0.581     | -0.039    | 2.608 | 0.023     | 0.02      | 0         | 54.2 | 51.6 | 68.8 | 160        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 16   | 36     | 40     | 0.61      | -0.075    | 2.608 | 0.016     | 0.016     | 0         | 54.2 | 52   | 69.7 | 160        | 152        | 0          | 34     | 31     |
| 2009 | 6     | 30  | 16   | 46     | 40     | 0.597     | -0.056    | 2.608 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 69.7 | 160        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 16   | 56     | 40     | 0.515     | -0.056    | 2.608 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 60.6 | 159        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 17   | 6      | 40     | 0.558     | -0.072    | 2.608 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 52.5 | 159        | 151        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 17   | 16     | 40     | 0.568     | -0.112    | 2.608 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 63.6 | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 17   | 26     | 40     | 0.587     | -0.082    | 2.608 | 0.026     | 0.023     | 0         | 54.6 | 51.2 | 63.2 | 160        | 152        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 17   | 36     | 40     | 0.571     | -0.062    | 2.608 | 0.02      | 0.016     | 0         | 54.2 | 52   | 70.1 | 160        | 152        | 0          | 34     | 31     |
| 2009 | 6     | 30  | 17   | 46     | 40     | 0.617     | -0.075    | 2.608 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 69.7 | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 17   | 56     | 40     | 0.591     | -0.069    | 2.608 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 70.1 | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 18   | 6      | 40     | 0.604     | -0.075    | 2.608 | 0.016     | 0.016     | 0         | 54.2 | 52   | 67.9 | 160        | 152        | 0          | 34     | 31     |
| 2009 | 6     | 30  | 18   | 16     | 40     | 0.568     | -0.049    | 2.608 | 0.016     | 0.013     | 0         | 54.2 | 52   | 69.7 | 160        | 152        | 0          | 34     | 31     |
| 2009 | 6     | 30  | 18   | 26     | 40     | 0.597     | -0.095    | 2.608 | 0.016     | 0.016     | 0         | 54.6 | 50.7 | 70.1 | 160        | 151        | 0          | 33     | 33     |
| 2009 | 6     | 30  | 18   | 36     | 40     | 0.604     | -0.082    | 2.608 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 70.5 | 159        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 18   | 46     | 40     | 0.587     | -0.062    | 2.608 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 69.7 | 159        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 18   | 56     | 40     | 0.561     | -0.072    | 2.608 | 0.016     | 0.013     | 0         | 53.8 | 50.3 | 71.4 | 159        | 149        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 19   | 6      | 40     | 0.577     | -0.052    | 2.608 | 0.02      | 0.016     | 0         | 53.8 | 51.2 | 69.2 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 19   | 16     | 40     | 0.558     | -0.085    | 2.608 | 0.016     | 0.013     | 0         | 54.2 | 52   | 70.1 | 160        | 152        | 0          | 34     | 31     |
| 2009 | 6     | 30  | 19   | 26     | 40     | 0.6       | -0.075    | 2.608 | 0.02      | 0.016     | 0         | 53.8 | 51.2 | 70.5 | 159        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 19   | 36     | 40     | 0.584     | -0.036    | 2.608 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 70.1 | 160        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 19   | 46     | 40     | 0.584     | -0.072    | 2.608 | 0.02      | 0.016     | 0         | 54.2 | 51.2 | 71   | 159        | 151        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 19   | 56     | 40     | 0.607     | -0.013    | 2.608 | 0.016     | 0.016     | 0         | 54.2 | 51.2 | 71   | 159        | 151        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 20   | 6      | 40     | 0.594     | -0.075    | 2.612 | 0.016     | 0.013     | 0         | 54.2 | 50.7 | 71   | 160        | 151        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 20   | 16     | 40     | 0.614     | -0.056    | 2.608 | 0.016     | 0.016     | 0         | 53.8 | 51.6 | 69.2 | 159        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 20   | 26     | 40     | 0.604     | -0.059    | 2.612 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 71.4 | 160        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 20   | 36     | 40     | 0.545     | -0.072    | 2.612 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 71   | 159        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 20   | 46     | 40     | 0.591     | -0.052    | 2.612 | 0.02      | 0.016     | 0         | 54.2 | 52   | 69.7 | 160        | 152        | 0          | 34     | 31     |
| 2009 | 6     | 30  | 20   | 56     | 40     | 0.61      | -0.052    | 2.612 | 0.02      | 0.016     | 0         | 54.2 | 52   | 68.8 | 160        | 153        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 21   | 6      | 40     | 0.643     | -0.043    | 2.612 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 69.7 | 160        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 21   | 16     | 40     | 0.571     | -0.092    | 2.612 | 0.016     | 0.016     | 0         | 49.9 | 52   | 71.4 | 150        | 153        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 21   | 26     | 40     | 0.541     | -0.039    | 2.612 | 0.016     | 0.016     | 0         | 54.2 | 48.2 | 71.4 | 160        | 144        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 21   | 36     | 40     | 0.587     | -0.082    | 2.612 | 0.016     | 0.013     | 0         | 54.2 | 51.6 | 70.5 | 160        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 21   | 46     | 40     | 0.581     | -0.069    | 2.612 | 0.016     | 0.016     | 0         | 54.2 | 51.6 | 70.5 | 160        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 21   | 56     | 40     | 0.577     | -0.049    | 2.612 | 0.02      | 0.016     | 0         | 54.2 | 51.6 | 71.4 | 159        | 152        | 0          | 33     | 32     |
| 2009 | 6     | 30  | 22   | 6      | 40     | 0.584     | -0.059    | 2.612 | 0.02      | 0.016     | 0         | 53.8 | 51.6 | 71   | 159        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 22   | 16     | 40     | 0.581     | -0.069    | 2.612 | 0.026     | 0.026     | 0         | 53.8 | 51.2 | 71   | 159        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 22   | 26     | 40     | 0.617     | -0.056    | 2.612 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 71   | 159        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 22   | 36     | 40     | 0.568     | -0.046    | 2.612 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 71   | 159        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 22   | 46     | 40     | 0.584     | -0.089    | 2.612 | 0.02      | 0.016     | 0         | 53.8 | 51.2 | 70.5 | 159        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 22   | 56     | 40     | 0.584     | -0.069    | 2.612 | 0.016     | 0.016     | 0         | 53.3 | 51.2 | 70.1 | 158        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 23   | 6      | 40     | 0.531     | -0.069    | 2.612 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 70.1 | 159        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 23   | 16     | 40     | 0.564     | -0.052    | 2.612 | 0.02      | 0.016     | 0         | 53.3 | 51.6 | 69.2 | 159        | 152        | 0          | 35     | 32     |
| 2009 | 6     | 30  | 23   | 26     | 40     | 0.568     | -0.069    | 2.612 | 0.016     | 0.016     | 0         | 53.8 | 51.6 | 70.1 | 159        | 152        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 23   | 36     | 40     | 0.6       | -0.043    | 2.612 | 0.02      | 0.016     | 0         | 53.8 | 51.2 | 69.2 | 159        | 151        | 0          | 34     | 32     |
| 2009 | 6     | 30  | 23   | 46     | 40     | 0.574     | -0.056    | 2.612 | 0.016     | 0.013     | 0         | 53.8 | 51.2 | 69.7 | 159        | 152        | 0          | 34     | 33     |
| 2009 | 6     | 30  | 23   | 56     | 40     | 0.646     | -0.069    | 2.612 | 0.016     | 0.016     | 0         | 53.8 | 51.2 | 69.2 | 159        | 151        | 0          | 34     | 32     |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 1   | 0    | 1      | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 0    | 11     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 0    | 21     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 0    | 31     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 0    | 41     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 0    | 51     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 1    | 1      | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 1    | 11     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 1    | 21     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 1    | 31     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 1    | 41     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 1    | 51     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 1      | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 11     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 21     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 31     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 41     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 51     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 1      | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 11     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 21     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 31     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 41     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 51     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 4    | 1      | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 4    | 11     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 4    | 21     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 4    | 31     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 4    | 41     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 4    | 51     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 5    | 1      | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 5    | 11     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 5    | 21     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 5    | 31     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 5    | 41     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 5    | 51     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 6    | 1      | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 6    | 11     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 6    | 21     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 6    | 31     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 6    | 41     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 6    | 51     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 7    | 1      | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 7    | 11     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 7    | 21     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 7    | 31     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 7    | 41     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 7    | 51     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 1   | 8    | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 8    | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 8    | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 8    | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 8    | 41     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 8    | 51     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 9    | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 9    | 11     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 9    | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 9    | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 9    | 41     | 20     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 9    | 51     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 10   | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 10   | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 10   | 21     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 10   | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 10   | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 10   | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 11   | 1      | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 11   | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 11   | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 11   | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 11   | 41     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 11   | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 12   | 1      | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 12   | 11     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 12   | 21     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 12   | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 12   | 41     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 12   | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 13   | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 13      |
| 2009 | 6     | 1   | 13   | 11     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 13   | 21     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.8    |
| 2009 | 6     | 1   | 13   | 31     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 13      |
| 2009 | 6     | 1   | 13   | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 13   | 51     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 14   | 1      | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 14   | 11     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 14   | 21     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 14   | 31     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 14   | 41     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 14   | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 15   | 1      | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 15   | 11     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 15   | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 15   | 31     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 15   | 41     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 15   | 51     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 1   | 16   | 1      | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 16   | 11     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 16   | 21     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 16   | 31     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 16   | 41     | 20     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 16   | 51     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 17   | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 17   | 11     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 17   | 21     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 17   | 31     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 17   | 41     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 17   | 51     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 18   | 1      | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 18   | 11     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 18   | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 18   | 31     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 18   | 41     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 18   | 51     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 19   | 1      | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 19   | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 19   | 21     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12      |
| 2009 | 6     | 1   | 19   | 31     | 20     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 19   | 41     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 19   | 51     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 20   | 1      | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 20   | 11     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 20   | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 20   | 31     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 20   | 41     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 20   | 51     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 21   | 1      | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 21   | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12      |
| 2009 | 6     | 1   | 21   | 21     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 21   | 31     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 21   | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 21   | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 22   | 1      | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 22   | 11     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 22   | 21     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12      |
| 2009 | 6     | 1   | 22   | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 22   | 41     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 22   | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 23   | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 23   | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 23   | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 23   | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 23   | 41     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 23   | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 2   | 0    | 1      | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 0    | 11     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 0    | 21     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 0    | 31     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 0    | 41     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 0    | 51     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 1    | 1      | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 1    | 11     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 1    | 21     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 1    | 31     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 1    | 41     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 1    | 51     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 2    | 1      | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 2    | 11     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 2    | 21     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 2    | 31     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 2    | 41     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 2    | 51     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 3    | 1      | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 3    | 11     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 3    | 21     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 3    | 31     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 3    | 41     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 3    | 51     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 4    | 1      | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 4    | 11     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 4    | 21     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 4    | 31     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 4    | 41     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 4    | 51     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 5    | 1      | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 5    | 11     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 5    | 21     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 5    | 31     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 5    | 41     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 5    | 51     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 6    | 1      | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 6    | 11     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 6    | 21     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 6    | 31     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 6    | 41     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 6    | 51     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 7    | 1      | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 7    | 11     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 7    | 21     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 7    | 31     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 7    | 41     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 7    | 51     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 2   | 8    | 1      | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 8    | 11     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 8    | 21     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 8    | 31     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 8    | 41     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 8    | 51     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 9    | 1      | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 9    | 11     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 9    | 21     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 9    | 31     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 9    | 41     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 9    | 51     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 10   | 1      | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 10   | 11     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 10   | 21     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 10   | 31     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 10   | 41     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 10   | 51     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 11   | 1      | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 11   | 11     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 11   | 21     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 11   | 31     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 11   | 41     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 11   | 51     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 12   | 1      | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 12   | 11     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 12   | 21     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 12   | 31     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 12   | 41     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 12   | 51     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 13   | 1      | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 13   | 11     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 13   | 21     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 13   | 31     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 13   | 41     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 13   | 51     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 14   | 1      | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 14   | 11     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 14   | 21     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 14   | 31     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 14   | 41     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 13      |
| 2009 | 6     | 2   | 14   | 51     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 13      |
| 2009 | 6     | 2   | 15   | 1      | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 15   | 11     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 13      |
| 2009 | 6     | 2   | 15   | 21     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 15   | 31     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 15   | 41     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 15   | 51     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 13      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 2   | 16   | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 13      |
| 2009 | 6     | 2   | 16   | 11     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 16   | 21     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 16   | 31     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 16   | 41     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 16   | 51     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 17   | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 17   | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 17   | 21     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 17   | 31     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 17   | 41     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 17   | 51     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 18   | 1      | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 18   | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 18   | 21     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 18   | 31     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 18   | 41     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 18   | 51     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 19   | 1      | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 19   | 11     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 19   | 21     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 19   | 31     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 19   | 41     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 19   | 51     | 20     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 20   | 1      | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 20   | 11     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 20   | 21     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 20   | 31     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 20   | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 20   | 51     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 21   | 1      | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 21   | 11     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 21   | 21     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 21   | 31     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 21   | 41     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 21   | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 22   | 1      | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 22   | 11     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 22   | 21     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12      |
| 2009 | 6     | 2   | 22   | 31     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 22   | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 22   | 51     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 23   | 1      | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 23   | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 23   | 21     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 23   | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 23   | 41     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12      |
| 2009 | 6     | 2   | 23   | 51     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 3   | 0    | 1      | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 0    | 11     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 0    | 21     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 0    | 31     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 0    | 41     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 0    | 51     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 1    | 1      | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 1    | 11     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 1    | 21     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 1    | 31     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 1    | 41     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 1    | 51     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 2    | 1      | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 2    | 11     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 2    | 21     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 2    | 31     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12      |
| 2009 | 6     | 3   | 2    | 41     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 2    | 51     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 3    | 1      | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 3    | 11     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 3    | 21     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 3    | 31     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 3    | 41     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 3    | 51     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 4    | 1      | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 4    | 11     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 4    | 21     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 4    | 31     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 4    | 41     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 4    | 51     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 5    | 1      | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 5    | 11     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 5    | 21     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 5    | 31     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 5    | 41     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 5    | 51     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 6    | 1      | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 6    | 11     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 6    | 21     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 6    | 31     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 6    | 41     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 6    | 51     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 7    | 1      | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 7    | 11     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 7    | 21     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 7    | 31     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 7    | 41     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 7    | 51     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 3   | 8    | 1      | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 8    | 11     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 8    | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 8    | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 8    | 41     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 8    | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 9    | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 9    | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 9    | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 9    | 31     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 9    | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 9    | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 10   | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 10   | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 10   | 21     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 10   | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 10   | 41     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 10   | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 11   | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 11   | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 11   | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 11   | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 11   | 41     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 11   | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 12   | 1      | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 12   | 11     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 12   | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12.6    |
| 2009 | 6     | 3   | 12   | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 12   | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 12   | 51     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 13   | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 13   | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 13   | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 13   | 31     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12.4    |
| 2009 | 6     | 3   | 13   | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 13   | 51     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 14   | 1      | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 14   | 11     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 14   | 21     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 14   | 31     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 3   | 14   | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 14   | 51     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 15   | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 15   | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 15   | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 15   | 31     | 20     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 15   | 41     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 15   | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 3   | 16   | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 16   | 11     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 16   | 21     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 16   | 31     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 16   | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 16   | 51     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 17   | 1      | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 17   | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 17   | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 17   | 31     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 17   | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 17   | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 18   | 1      | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 18   | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 18   | 21     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 18   | 31     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 18   | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 18   | 51     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 19   | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 19   | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 19   | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 19   | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 19   | 41     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 19   | 51     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 20   | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 20   | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 20   | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 20   | 31     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 20   | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 20   | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 21   | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 21   | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 21   | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 21   | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 21   | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 21   | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 22   | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 22   | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 22   | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 22   | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 22   | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 22   | 51     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 23   | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 23   | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 23   | 21     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 23   | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 23   | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 23   | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.29       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 4   | 0    | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 0    | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 0    | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 0    | 31     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 0    | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 0    | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 1    | 1      | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 1    | 11     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 1    | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 1    | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 1    | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 1    | 51     | 20     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.41       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 51     | 20     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 1      | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 11     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61          | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 1      | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 7    | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 7    | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 7    | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 7    | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 7    | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 7    | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.3        | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 4   | 8    | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 8    | 11     | 20     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 8    | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 8    | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 8    | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 8    | 51     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 9    | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.42       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 9    | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.46       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 9    | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 9    | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 9    | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.62       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 9    | 51     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.69       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 10   | 1      | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.76       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 10   | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.82       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 10   | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.93       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 10   | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61          | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 10   | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.11       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 10   | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.2        | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 11   | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.29       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 11   | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.39       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 11   | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.48       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 11   | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.59       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 11   | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 11   | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.81       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 12   | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.92       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 12   | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 12   | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 12   | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 12   | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 12   | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 13   | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 13   | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 13   | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 13   | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 13   | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 13   | 51     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 14   | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 14   | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 14   | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 14   | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 14   | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 14   | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 15   | 1      | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 15   | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 15   | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 15   | 31     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 15   | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 15   | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 4   | 16   | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 16   | 11     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 16   | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 16   | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 16   | 41     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 16   | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 17   | 1      | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 17   | 11     | 20     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 17   | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 17   | 31     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 17   | 41     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 17   | 51     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 18   | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 18   | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 18   | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 18   | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 18   | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 18   | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 19   | 1      | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 19   | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 19   | 21     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 19   | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 19   | 41     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 19   | 51     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 20   | 1      | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 20   | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 20   | 21     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 20   | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 20   | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 20   | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 21   | 1      | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 12      |
| 2009 | 6     | 4   | 21   | 11     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 21   | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 21   | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 21   | 41     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 21   | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 22   | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 22   | 11     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 22   | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 22   | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 22   | 41     | 20     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.2        | 0        | 0              | 12      |
| 2009 | 6     | 4   | 22   | 51     | 20     | 35     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 23   | 1      | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 23   | 11     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.99       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 23   | 21     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.92       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 23   | 31     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.88       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 23   | 41     | 20     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.81       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 23   | 51     | 20     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.74       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 5   | 0    | 1      | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 0    | 11     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.61       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 0    | 21     | 20     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.54       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 0    | 31     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.48       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 0    | 41     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.41       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 0    | 51     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.36       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 1    | 1      | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.3        | 0        | 0              | 12      |
| 2009 | 6     | 5   | 1    | 11     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.27       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 1    | 21     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.2        | 0        | 0              | 12      |
| 2009 | 6     | 5   | 1    | 31     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.16       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 1    | 41     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.12       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 1    | 51     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.07       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 2    | 1      | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.03       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 2    | 11     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.98       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 2    | 21     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.94       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 2    | 31     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.91       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 2    | 41     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 2    | 51     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.85       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 3    | 1      | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.8        | 0        | 0              | 12      |
| 2009 | 6     | 5   | 3    | 11     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.75       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 3    | 21     | 20     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.71       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 3    | 31     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.69       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 3    | 41     | 20     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.67       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 3    | 51     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.66       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 4    | 1      | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 4    | 11     | 20     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 4    | 21     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 4    | 31     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 4    | 41     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 4    | 51     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 5    | 1      | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 5    | 11     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 5    | 21     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 5    | 31     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 5    | 41     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 5    | 51     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 6    | 1      | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 6    | 11     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 6    | 21     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 6    | 31     | 20     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 6    | 41     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 6    | 51     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 7    | 1      | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 7    | 11     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 7    | 21     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.44       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 7    | 31     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.48       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 7    | 41     | 20     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.53       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 7    | 51     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.55       | 0        | 0              | 12      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 5   | 8    | 1      | 20     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.57       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 8    | 11     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.58       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 8    | 21     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.64       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 8    | 31     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.67       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 8    | 41     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.73       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 8    | 51     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 9    | 1      | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 9    | 11     | 20     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 9    | 21     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 9    | 31     | 20     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.11       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 9    | 41     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.18       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 9    | 51     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.25       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 10   | 1      | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.34       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 10   | 11     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.43       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 10   | 21     | 20     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.5        | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 10   | 31     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 10   | 41     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.72       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 10   | 51     | 20     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 11   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.99       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 11   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 11   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 11   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 11   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 11   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 12   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 12   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.49       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 12   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 12   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 12   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 13      |
| 2009 | 6     | 5   | 12   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 13      |
| 2009 | 6     | 5   | 13   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 13   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 13.4    |
| 2009 | 6     | 5   | 13   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 13      |
| 2009 | 6     | 5   | 13   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 13      |
| 2009 | 6     | 5   | 13   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 13      |
| 2009 | 6     | 5   | 13   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 13.2    |
| 2009 | 6     | 5   | 14   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 13.2    |
| 2009 | 6     | 5   | 14   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 14   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 13.2    |
| 2009 | 6     | 5   | 14   | 36     | 40     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 13      |
| 2009 | 6     | 5   | 14   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 13.2    |
| 2009 | 6     | 5   | 14   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 13.2    |
| 2009 | 6     | 5   | 15   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 13      |
| 2009 | 6     | 5   | 15   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 15   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 13.2    |
| 2009 | 6     | 5   | 15   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 13.2    |
| 2009 | 6     | 5   | 15   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 13.2    |
| 2009 | 6     | 5   | 15   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 13.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 5   | 16   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 13      |
| 2009 | 6     | 5   | 16   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 13.2    |
| 2009 | 6     | 5   | 16   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 13.2    |
| 2009 | 6     | 5   | 16   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 13.2    |
| 2009 | 6     | 5   | 16   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 13      |
| 2009 | 6     | 5   | 16   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 13.2    |
| 2009 | 6     | 5   | 17   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 13      |
| 2009 | 6     | 5   | 17   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 17   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 17   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 17   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 17   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 18   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 18   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 18   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 18   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 18   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 18   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 19   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 19   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 19   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 19   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 19   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 19   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 20   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 20   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 20   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 20   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 20   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 20   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 21   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 21   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 21   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 21   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 21   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 21   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 22   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 12      |
| 2009 | 6     | 5   | 22   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 22   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 22   | 36     | 40     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 22   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 22   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 23   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 23   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 23   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 23   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 23   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 23   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.64       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 6   | 0    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 12      |
| 2009 | 6     | 6   | 0    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 0    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.51       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 0    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 0    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 0    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 1    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 1    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 1    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 1    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.19       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 1    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 1    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.11       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 2    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 2    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 2    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 2    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.99       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 2    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 2    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.92       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 3    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.9        | 0        | 0              | 12      |
| 2009 | 6     | 6   | 3    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 3    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.84       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 3    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 3    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.79       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 3    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.77       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 4    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.75       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 4    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.74       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 4    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.72       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 4    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.7        | 0        | 0              | 12      |
| 2009 | 6     | 6   | 4    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 4    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.65       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 5    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 5    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 5    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 5    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 5    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 5    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 6    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 6    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 6    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 6    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 6    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 6    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 7    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.39       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 7    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.38       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 7    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.38       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 7    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.38       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 7    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.38       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 7    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.38       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 6   | 8    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.36       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 8    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.39       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 8    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.39       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 8    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.41       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 8    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.45       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 8    | 56     | 40     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 9    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 9    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 9    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.61       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 9    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 9    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.72       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 9    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.81       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 10   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 10   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 10   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.93       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 10   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 10   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 10   | 56     | 40     | 38     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 11   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 11   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 11   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 11   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 11   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 11   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 12   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 12   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 12   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 13.2    |
| 2009 | 6     | 6   | 12   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 12   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 12   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 13      |
| 2009 | 6     | 6   | 13   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 13   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 13   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 13   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 13   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 13   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 14   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 14   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 14   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 14   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 14   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 14   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 15   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 15   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 15   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 15   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 15   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 15   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 13.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 6   | 16   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 16   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 16   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 16   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 13.4    |
| 2009 | 6     | 6   | 16   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 13.2    |
| 2009 | 6     | 6   | 16   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 17   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 17   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 17   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 17   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 17   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 17   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 18   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 18   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 18   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 18   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 18   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 18   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 19   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 19   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 19   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 19   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 19   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 19   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 20   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 20   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 20   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 20   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 20   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 20   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 21   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 21   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 21   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 21   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 21   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 21   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 22   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 22   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 22   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 12      |
| 2009 | 6     | 6   | 22   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 22   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 22   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 23   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 23   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 23   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 23   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 23   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 23   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 7   | 0    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 0    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 0    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 0    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 0    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 0    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 1    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 1    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 1    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 1    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 1    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 1    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 2    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 12      |
| 2009 | 6     | 7   | 2    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 2    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.51       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 2    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 2    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.4        | 0        | 0              | 12      |
| 2009 | 6     | 7   | 2    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 3    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.29       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 3    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 3    | 26     | 40     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.2        | 0        | 0              | 12      |
| 2009 | 6     | 7   | 3    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 3    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.11       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 3    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 4    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.01       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 4    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 4    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 4    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 4    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 4    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 5    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 5    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 5    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 5    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 5    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 5    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 6    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 6    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 6    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 6    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 6    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 6    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 7    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 7    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 7    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 7    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.34       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 7    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.34       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 7    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.34       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 7   | 8    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.39       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 8    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.43       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 8    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.43       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 8    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.47       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 8    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.48       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 8    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 9    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 9    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 9    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 9    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.92       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 9    | 46     | 40     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.01       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 9    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 10   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.19       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 10   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 10   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 10   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 10   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 10   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 11   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 11   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 11   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 11   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 11   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 11   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 12   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 12   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 13      |
| 2009 | 6     | 7   | 12   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 13      |
| 2009 | 6     | 7   | 12   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 13      |
| 2009 | 6     | 7   | 12   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 13.2    |
| 2009 | 6     | 7   | 12   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 13.4    |
| 2009 | 6     | 7   | 13   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 13.4    |
| 2009 | 6     | 7   | 13   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 13.4    |
| 2009 | 6     | 7   | 13   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 13.4    |
| 2009 | 6     | 7   | 13   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 13.4    |
| 2009 | 6     | 7   | 13   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 13      |
| 2009 | 6     | 7   | 13   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 13      |
| 2009 | 6     | 7   | 14   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 13.4    |
| 2009 | 6     | 7   | 14   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 13.4    |
| 2009 | 6     | 7   | 14   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 13.2    |
| 2009 | 6     | 7   | 14   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 13.2    |
| 2009 | 6     | 7   | 14   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 13.2    |
| 2009 | 6     | 7   | 14   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 13.2    |
| 2009 | 6     | 7   | 15   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 13      |
| 2009 | 6     | 7   | 15   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 13.2    |
| 2009 | 6     | 7   | 15   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 15   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 15   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 15   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 7   | 16   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 16   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 16   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 16   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 16   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 16   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 17   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 17   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 17   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 17   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 17   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 17   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 18   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 18   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 18   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 18   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 18   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 18   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 19   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 19   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 19   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 19   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 19   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 19   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 20   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 20   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 20   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 20   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 20   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 20   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 21   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 21   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 21   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 21   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12      |
| 2009 | 6     | 7   | 21   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 21   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 22   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 22   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 22   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 22   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 22   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 22   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 23   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12      |
| 2009 | 6     | 7   | 23   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 23   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 23   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 23   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 23   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 8   | 0    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 0    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 0    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 0    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 0    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 0    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 1    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 1    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 1    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 12      |
| 2009 | 6     | 8   | 1    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 1    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 1    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 2    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 12      |
| 2009 | 6     | 8   | 2    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 2    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 2    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 2    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 12      |
| 2009 | 6     | 8   | 2    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 3    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.51       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 3    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 3    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.4        | 0        | 0              | 12      |
| 2009 | 6     | 8   | 3    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 3    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 3    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 4    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 4    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 4    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 4    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 4    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 4    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 5    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 5    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 5    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 5    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 5    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 5    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 6    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 6    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 6    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 6    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 6    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 6    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 7    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 7    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 7    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 7    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 7    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 7    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 8   | 8    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 8    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 8    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.79       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 8    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.84       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 8    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.9        | 0        | 0              | 12      |
| 2009 | 6     | 8   | 8    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.99       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 9    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 9    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 9    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 9    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 9    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 9    | 56     | 40     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 10   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 10   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 10   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 10   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 10   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 10   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 11   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 11   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 11   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 11   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 11   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 11   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 12   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 12   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 12   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 12   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 12   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 12   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 13.2    |
| 2009 | 6     | 8   | 13   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 13.2    |
| 2009 | 6     | 8   | 13   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 13   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 13   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 13   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 13   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 14   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 14   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 14   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 14   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 14   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 14   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 15   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 15   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 15   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 15   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 15   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 15   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 13.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 8   | 16   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 16   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 16   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 16   | 36     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 13.2    |
| 2009 | 6     | 8   | 16   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 13.2    |
| 2009 | 6     | 8   | 16   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 13.2    |
| 2009 | 6     | 8   | 17   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 13.2    |
| 2009 | 6     | 8   | 17   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 13.2    |
| 2009 | 6     | 8   | 17   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 13.2    |
| 2009 | 6     | 8   | 17   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 13.2    |
| 2009 | 6     | 8   | 17   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 17   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 18   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 18   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 18   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 18   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 18   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 18   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 19   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 19   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 19   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 19   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 19   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 19   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 20   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 20   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 20   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 20   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 20   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 20   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 21   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 21   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 21   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 21   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 21   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 21   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 22   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 22   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 22   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 22   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 22   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12      |
| 2009 | 6     | 8   | 22   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 23   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 23   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 23   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12      |
| 2009 | 6     | 8   | 23   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 23   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 23   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 9   | 0    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 0    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 0    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 0    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12      |
| 2009 | 6     | 9   | 0    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 0    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 1    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 1    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 1    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 1    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 1    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 1    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 2    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 2    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 2    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 2    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 2    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 2    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 3    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 3    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 3    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 3    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 3    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 3    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 12      |
| 2009 | 6     | 9   | 4    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 4    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 12      |
| 2009 | 6     | 9   | 4    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 4    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 4    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 4    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 12      |
| 2009 | 6     | 9   | 5    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 5    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 5    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 5    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 5    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 5    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 6    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 6    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 6    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 6    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 6    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 6    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 7    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 7    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 7    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 7    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 7    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 7    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 9   | 8    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 8    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.49       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 8    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 8    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 8    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 8    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 9    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 9    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 9    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 9    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 9    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 9    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 10   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 10   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 10   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 10   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 10   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 10   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 11   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 11   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 11   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 11   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 11   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 11   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 12   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 12   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 12   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 12   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 13.2    |
| 2009 | 6     | 9   | 12   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 13.2    |
| 2009 | 6     | 9   | 12   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 13   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 13   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 13   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 13   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 13   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 13   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 14   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 14   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 14   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 14   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 14   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 14   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 15   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 15   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 15   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 15   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 15   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 15   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 13.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 9   | 16   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 16   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 13.4    |
| 2009 | 6     | 9   | 16   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 16   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 13.2    |
| 2009 | 6     | 9   | 16   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 13.2    |
| 2009 | 6     | 9   | 16   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 17   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 17   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 17   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 17   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 17   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 17   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 18   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 18   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 18   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 18   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 18   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 18   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 19   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 19   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 19   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 19   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 19   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 19   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 20   | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 20   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 20   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 20   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 20   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 20   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 21   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 21   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 21   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 21   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 21   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 21   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 22   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 22   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 22   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 22   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 22   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 22   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12      |
| 2009 | 6     | 9   | 23   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 23   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 23   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12      |
| 2009 | 6     | 9   | 23   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 23   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 23   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 10  | 0    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 0    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 0    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 0    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 0    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 0    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 1    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 1    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12      |
| 2009 | 6     | 10  | 1    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 1    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 1    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 1    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 2    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 2    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 2    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 2    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 2    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 2    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 3    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 3    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 3    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 3    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 3    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 3    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 4    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 4    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 4    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 4    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 4    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 4    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 5    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 5    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 5    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 5    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 5    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 5    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 6    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 6    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 6    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 6    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 6    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 6    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 7    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 7    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 7    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 7    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 7    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.49       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 7    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 10  | 8    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 8    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 8    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 12      |
| 2009 | 6     | 10  | 8    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 8    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 8    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 9    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 9    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 9    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 9    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 9    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 9    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 10   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 10   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 10   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 10   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 10   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 10   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 11   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 11   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 11   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 11   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 11   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 11   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 12   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 12   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 12   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 12   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 12   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 12   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 13   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 13   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 13   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 13   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 13   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 13   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 14   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 14   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 14   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 14   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 14   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 14   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 15   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 15   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 15   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 15   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 15   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 15   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 13      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 10  | 16   | 6      | 40     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 16   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 16   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 16   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 16   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 16   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 17   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 17   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 17   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 17   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 17   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 17   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 18   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 18   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 18   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 18   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 18   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 18   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 19   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 19   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 19   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 19   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 19   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 19   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 20   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 20   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 20   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 20   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 20   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 20   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 21   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 21   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12      |
| 2009 | 6     | 10  | 21   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 21   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 21   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 21   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12      |
| 2009 | 6     | 10  | 22   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 22   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 22   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 22   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 22   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 22   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 23   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 23   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 23   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12      |
| 2009 | 6     | 10  | 23   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 23   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 23   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 11  | 0    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 0    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 0    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 0    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 0    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 0    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 1    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 1    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 1    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 1    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 1    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 1    | 56     | 40     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 2    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 2    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 2    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 2    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 2    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 2    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 3    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 3    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 3    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 3    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 3    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 3    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 4    | 6      | 40     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 4    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 4    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 4    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 4    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 4    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 5    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 5    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 5    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 5    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 5    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 5    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 6    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 6    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 6    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 6    | 36     | 40     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 6    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 6    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 7    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 7    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 7    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 7    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 7    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 7    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 11  | 8    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 8    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 8    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 8    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 8    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 8    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 9    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 9    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 9    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 9    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 9    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 9    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 10   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 10   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 10   | 26     | 40     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 10   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 10   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 10   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 11   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 11   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 11   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 11   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 11   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 11   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 12   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 12   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 12   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 12   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 12   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 12   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 13   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 13   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 13.2    |
| 2009 | 6     | 11  | 13   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 13.2    |
| 2009 | 6     | 11  | 13   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 13   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 13   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 14   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 14   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 13.2    |
| 2009 | 6     | 11  | 14   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 13.2    |
| 2009 | 6     | 11  | 14   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 14   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 14   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 15   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 15   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 15   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 13.4    |
| 2009 | 6     | 11  | 15   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 13.2    |
| 2009 | 6     | 11  | 15   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 15   | 56     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 11  | 16   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 16   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 16   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 16   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 16   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 13.2    |
| 2009 | 6     | 11  | 16   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 17   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 17   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 17   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 17   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 17   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 17   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 18   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 18   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 18   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 18   | 36     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 18   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 18   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 19   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 19   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 19   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 19   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 19   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 19   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 20   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 20   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 20   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 20   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 20   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 20   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 21   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 21   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 21   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 21   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 21   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 21   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 22   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 22   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 22   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 22   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 22   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12      |
| 2009 | 6     | 11  | 22   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 23   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 23   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 23   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 23   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 23   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 23   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 12  | 0    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 0    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 0    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 0    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 0    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12      |
| 2009 | 6     | 12  | 0    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 1    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 1    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 1    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 1    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 1    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 1    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 2    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 2    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12      |
| 2009 | 6     | 12  | 2    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 2    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 2    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 2    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 3    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 3    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 3    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 3    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 3    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 3    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 4    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 4    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 4    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 4    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 12      |
| 2009 | 6     | 12  | 4    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 4    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 5    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 5    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 5    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 5    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 5    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 5    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 6    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 6    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 6    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 6    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 6    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 6    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 7    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 7    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.64       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 7    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 7    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 7    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 7    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 12  | 8    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 8    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 8    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 8    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 8    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 8    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 9    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 9    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 9    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 9    | 36     | 40     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 9    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 9    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 10   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 10   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 10   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 10   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 10   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 10   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 11   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 11   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 11   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 11   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 11   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 11   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 12   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 12   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 12   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 12   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 12   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 12   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 13   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 13   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 13.2    |
| 2009 | 6     | 12  | 13   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 13   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 13.2    |
| 2009 | 6     | 12  | 13   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 13   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 13.2    |
| 2009 | 6     | 12  | 14   | 6      | 40     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 13.2    |
| 2009 | 6     | 12  | 14   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 14   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 14   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 14   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 14   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 15   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 15   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 15   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 13.4    |
| 2009 | 6     | 12  | 15   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 13.2    |
| 2009 | 6     | 12  | 15   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 15   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 12  | 16   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 16   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 16   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 16   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 16   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 13.2    |
| 2009 | 6     | 12  | 16   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 17   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 17   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 17   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 17   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 17   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 17   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 18   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 18   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 18   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 18   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 18   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 18   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 19   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 19   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 19   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 19   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 19   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 19   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 20   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 20   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 20   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 20   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 20   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 20   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 21   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 21   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 21   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 21   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 21   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 21   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 22   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 22   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 22   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 22   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 22   | 46     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 22   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 23   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 23   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 23   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 23   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 23   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 23   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 13  | 0    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 0    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 0    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 0    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 0    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 0    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 1    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 1    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 1    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 1    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 1    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 1    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 2    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 2    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 2    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 2    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 2    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 2    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 3    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 3    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 3    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 3    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 3    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 3    | 56     | 40     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 4    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 4    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 4    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 4    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 4    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 4    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 5    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 5    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 5    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 5    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 5    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 5    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 6    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 6    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 6    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 6    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 6    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 6    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 7    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 7    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 7    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 7    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 7    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 7    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 12      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 13  | 8    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 8    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 8    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 12      |
| 2009 | 6     | 13  | 8    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 8    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 8    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 9    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 9    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 9    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 9    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 9    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 9    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 10   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 10   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 10   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 10   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 10   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 10   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 11   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 11   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 11   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 11   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 11   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 11   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 12   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 12   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 12   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 12   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 12   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 12   | 56     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 13      |
| 2009 | 6     | 13  | 13   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 13   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 13   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 13   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 13   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 13   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 14   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 14   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 14   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 14   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 14   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 14   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 15   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 13      |
| 2009 | 6     | 13  | 15   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 15   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 13      |
| 2009 | 6     | 13  | 15   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 15   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 13.4    |
| 2009 | 6     | 13  | 15   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 13  | 16   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 16   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 16   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 16   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 16   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 16   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 17   | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 17   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 17   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 17   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 17   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 17   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 18   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 18   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 18   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 18   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 18   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 18   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 19   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 19   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 19   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 19   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 19   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 19   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 20   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 20   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 20   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 20   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 20   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 20   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 21   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 21   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 21   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 21   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 21   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 21   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12      |
| 2009 | 6     | 13  | 22   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 22   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 22   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 22   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 22   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 22   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 23   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 23   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 23   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 23   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 23   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 23   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 14  | 0    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 0    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 0    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 0    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 0    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 0    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 1    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 1    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 1    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 1    | 36     | 40     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 1    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12      |
| 2009 | 6     | 14  | 1    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 2    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 2    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 2    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 2    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 2    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 2    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 3    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 3    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 3    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 3    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 3    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 3    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 4    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 4    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 4    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 4    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 4    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 4    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 5    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 5    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 5    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 5    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 5    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 5    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 6    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 6    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 6    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 6    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 6    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 6    | 56     | 40     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 7    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 7    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 7    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 7    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 7    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 7    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 14  | 8    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 8    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 8    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 8    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 8    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 8    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 9    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 9    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 9    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 9    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 9    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 9    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 10   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 10   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 10   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 10   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 10   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 10   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 11   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 11   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 11   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 11   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 11   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 11   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 12   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 12   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 12   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 12   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 12   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 12   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 13   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 13   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 13   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 13   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 13   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 13   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 14   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 14   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 14   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 14   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 14   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 14   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 15   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 15   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 13.4    |
| 2009 | 6     | 14  | 15   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 15   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 15   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 15   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 13.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 14  | 16   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 16   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 16   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 16   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 16   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 16   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 17   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 17   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 17   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 17   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 17   | 46     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 17   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 18   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 18   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 18   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 18   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 18   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 18   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 19   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 19   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 19   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 19   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 19   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 19   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 20   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 20   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 20   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 20   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 20   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 20   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 21   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 21   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 21   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 21   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 21   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 21   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 22   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 22   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 22   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12      |
| 2009 | 6     | 14  | 22   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 22   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 22   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 23   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 23   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 23   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 23   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12      |
| 2009 | 6     | 14  | 23   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 23   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 15  | 0    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 0    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 0    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 0    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 0    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 0    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 1    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 1    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 1    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 1    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 1    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 1    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 2    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 2    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 2    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 2    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 2    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 2    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 3    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 3    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 3    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 3    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 3    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 3    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 4    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 4    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 4    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 4    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 4    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 4    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 5    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 5    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 5    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 5    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 5    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 5    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 6    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 6    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 6    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 6    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 6    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 6    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 7    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 7    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 7    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 7    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 7    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 7    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 15  | 8    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 8    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 8    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 8    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 8    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 8    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 9    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 9    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 9    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 9    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 9    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 9    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 10   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 10   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 10   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 10   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 10   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 10   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 11   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 11   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 11   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 11   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 11   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 11   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 12   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 12   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 12   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 12   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 12   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 12   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 13   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 13   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 13      |
| 2009 | 6     | 15  | 13   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 13.2    |
| 2009 | 6     | 15  | 13   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 13.2    |
| 2009 | 6     | 15  | 13   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 13.2    |
| 2009 | 6     | 15  | 13   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 13      |
| 2009 | 6     | 15  | 14   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 13      |
| 2009 | 6     | 15  | 14   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 13.4    |
| 2009 | 6     | 15  | 14   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 14   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 13      |
| 2009 | 6     | 15  | 14   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 13      |
| 2009 | 6     | 15  | 14   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 15   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 13.2    |
| 2009 | 6     | 15  | 15   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 15   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 13      |
| 2009 | 6     | 15  | 15   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 13.4    |
| 2009 | 6     | 15  | 15   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 13.2    |
| 2009 | 6     | 15  | 15   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 13.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 15  | 16   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 13.4    |
| 2009 | 6     | 15  | 16   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 13      |
| 2009 | 6     | 15  | 16   | 26     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 16   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 13.2    |
| 2009 | 6     | 15  | 16   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 13.2    |
| 2009 | 6     | 15  | 16   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 13.4    |
| 2009 | 6     | 15  | 17   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 17   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 17   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 17   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 17   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 17   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 18   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 18   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 18   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 18   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 18   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 18   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 19   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 19   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 19   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 19   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 19   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 19   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 20   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 20   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 20   | 26     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 20   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 20   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 20   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 21   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 21   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 21   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 21   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 21   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 21   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 22   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 22   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 22   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 22   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 22   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 22   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 23   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 23   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 23   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 23   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 23   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 23   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 16  | 0    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 0    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 0    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 0    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 0    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 0    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 1    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 1    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 1    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 1    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 1    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 1    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 2    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12      |
| 2009 | 6     | 16  | 2    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 2    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 2    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 2    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 2    | 56     | 40     | 35     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12      |
| 2009 | 6     | 16  | 3    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 3    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 3    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 3    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 3    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 3    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 4    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 4    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 4    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 4    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 4    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 4    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 5    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 5    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 5    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 5    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 5    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 5    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 6    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 6    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 6    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 6    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 6    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 6    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 7    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 7    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 7    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 7    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 7    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 7    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 16  | 8    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 8    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 8    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 8    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 8    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 8    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 9    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 9    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 9    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 9    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 9    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 9    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 10   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 10   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 10   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 10   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 10   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 10   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 11   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 11   | 16     | 40     | 36     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 11   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 11   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 11   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 11   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 12   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 12   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 12   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 12   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 12   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 12   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 13   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 13   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 13   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 13      |
| 2009 | 6     | 16  | 13   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 13      |
| 2009 | 6     | 16  | 13   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 13      |
| 2009 | 6     | 16  | 13   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 13      |
| 2009 | 6     | 16  | 14   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 13      |
| 2009 | 6     | 16  | 14   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 13      |
| 2009 | 6     | 16  | 14   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 13      |
| 2009 | 6     | 16  | 14   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 13.2    |
| 2009 | 6     | 16  | 14   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 13.2    |
| 2009 | 6     | 16  | 14   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 13.2    |
| 2009 | 6     | 16  | 15   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 13.2    |
| 2009 | 6     | 16  | 15   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 13.2    |
| 2009 | 6     | 16  | 15   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 13.2    |
| 2009 | 6     | 16  | 15   | 36     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 13.2    |
| 2009 | 6     | 16  | 15   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 13.2    |
| 2009 | 6     | 16  | 15   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 13.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 16  | 16   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 13.2    |
| 2009 | 6     | 16  | 16   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 13.2    |
| 2009 | 6     | 16  | 16   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 13.2    |
| 2009 | 6     | 16  | 16   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 13.2    |
| 2009 | 6     | 16  | 16   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 13      |
| 2009 | 6     | 16  | 16   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 13.2    |
| 2009 | 6     | 16  | 17   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 13.2    |
| 2009 | 6     | 16  | 17   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 13.2    |
| 2009 | 6     | 16  | 17   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 13.2    |
| 2009 | 6     | 16  | 17   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 13.2    |
| 2009 | 6     | 16  | 17   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 13.2    |
| 2009 | 6     | 16  | 17   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 18   | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 18   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 18   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12.6    |
| 2009 | 6     | 16  | 18   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 18   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 18   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 19   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 19   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 19   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 19   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 19   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 19   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 20   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 20   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 20   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 20   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 20   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 20   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 21   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 21   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 21   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 21   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 21   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 21   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 22   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12      |
| 2009 | 6     | 16  | 22   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 22   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 22   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 22   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 22   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 23   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 23   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 23   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12      |
| 2009 | 6     | 16  | 23   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 23   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 23   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 17  | 0    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 0    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 0    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12      |
| 2009 | 6     | 17  | 0    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 0    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 0    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 1    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 1    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 1    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 1    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 1    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12      |
| 2009 | 6     | 17  | 1    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 2    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 2    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12      |
| 2009 | 6     | 17  | 2    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 2    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 2    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 2    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 3    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 3    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 3    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 3    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 3    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 3    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 4    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 4    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 4    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 4    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 4    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 4    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 5    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 5    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 5    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 5    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 5    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 5    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 6    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 6    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 6    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 6    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 6    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 6    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 7    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 7    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 7    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 7    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 7    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 7    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 17  | 8    | 6      | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 8    | 16     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 8    | 26     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 8    | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 8    | 46     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 12      |
| 2009 | 6     | 17  | 8    | 56     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 9    | 6      | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 9    | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 9    | 26     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 9    | 36     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 9    | 46     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 9    | 56     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 10   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 10   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 10   | 26     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 10   | 36     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 10   | 46     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 10   | 56     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 11   | 6      | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 11   | 16     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 11   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 11   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 11   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 11   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 12   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 12   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 12   | 26     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 13      |
| 2009 | 6     | 17  | 12   | 36     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 13      |
| 2009 | 6     | 17  | 12   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 13      |
| 2009 | 6     | 17  | 12   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 13.2    |
| 2009 | 6     | 17  | 13   | 6      | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 13   | 16     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 13   | 26     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 13   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 13      |
| 2009 | 6     | 17  | 13   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 13.2    |
| 2009 | 6     | 17  | 13   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 13.2    |
| 2009 | 6     | 17  | 14   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 13.2    |
| 2009 | 6     | 17  | 14   | 16     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 13.2    |
| 2009 | 6     | 17  | 14   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 13.2    |
| 2009 | 6     | 17  | 14   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 13.2    |
| 2009 | 6     | 17  | 14   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 13.2    |
| 2009 | 6     | 17  | 14   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 15   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 13.2    |
| 2009 | 6     | 17  | 15   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 15   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 15   | 36     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 13      |
| 2009 | 6     | 17  | 15   | 46     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 15   | 56     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 17  | 16   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 16   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 16   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 16   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 16   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 13.4    |
| 2009 | 6     | 17  | 16   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 13.4    |
| 2009 | 6     | 17  | 17   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 13      |
| 2009 | 6     | 17  | 17   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 13.2    |
| 2009 | 6     | 17  | 17   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 13.2    |
| 2009 | 6     | 17  | 17   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 13      |
| 2009 | 6     | 17  | 17   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 17   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 18   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 18   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 18   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 18   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 18   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 18   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 19   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 19   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 19   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 19   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 19   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 19   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 20   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 20   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 20   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 20   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 20   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 20   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 21   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 21   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 21   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 21   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 21   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 21   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 22   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 22   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12      |
| 2009 | 6     | 17  | 22   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 22   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 22   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 22   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 23   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 23   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 23   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12      |
| 2009 | 6     | 17  | 23   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 23   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 23   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 18  | 0    | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 0    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 0    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 0    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 0    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 0    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 1    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 1    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 1    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 1    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 1    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 1    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 2    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 2    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 2    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 2    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 2    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 2    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 3    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 3    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 3    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 3    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 3    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 3    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 4    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 4    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 4    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 4    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 4    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 4    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 5    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 5    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 5    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 5    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 5    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 5    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 6    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 6    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 6    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 6    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 6    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 6    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 7    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 7    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 7    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 7    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 7    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 7    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 18  | 8    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 8    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 8    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 8    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 8    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 8    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 9    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 9    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 9    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 9    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 9    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 9    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 10   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 10   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 10   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 10   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 10   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 10   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 11   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 11   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 11   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 11   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 11   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 11   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 12   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 12   | 16     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 12   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 12   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 12   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 12   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 13   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 13   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 13   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 13   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 13   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 13   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 14   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 14   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 14   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 14   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 14   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 14   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 15   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 15   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 15   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 15   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 15   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 15   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 13      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 18  | 16   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 16   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 16   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 16   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 16   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 16   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 13      |
| 2009 | 6     | 18  | 17   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 17   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 17   | 26     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 17   | 36     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 17   | 46     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 17   | 56     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 18   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 18   | 16     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 18   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 18   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 18   | 46     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 18   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 19   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 19   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 19   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 19   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 19   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 19   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 20   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 20   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 20   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 20   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 20   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 20   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 21   | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 21   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 21   | 26     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 21   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 21   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 21   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 22   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 22   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 22   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 22   | 36     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 22   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 22   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 23   | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 23   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 23   | 26     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 23   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 23   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 23   | 56     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 19  | 0    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 0    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 0    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 0    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 0    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 0    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 1    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12      |
| 2009 | 6     | 19  | 1    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 1    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 1    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 1    | 46     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 1    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 2    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 2    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 2    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 2    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 2    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 2    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 3    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 3    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 3    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12      |
| 2009 | 6     | 19  | 3    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 3    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 3    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 4    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12      |
| 2009 | 6     | 19  | 4    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 4    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 4    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 4    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 4    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 5    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 5    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 5    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 5    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 5    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 5    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 6    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 6    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 6    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 6    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 6    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 6    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 7    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 7    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 7    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 7    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 7    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 7    | 56     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 19  | 8    | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 8    | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 8    | 26     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 8    | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 8    | 46     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 8    | 56     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 9    | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 9    | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 9    | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 9    | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 9    | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 9    | 56     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 10   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 10   | 16     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 10   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 10   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 10   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 10   | 56     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 11   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 11   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 11   | 26     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 11   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 11   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 11   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 12   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 12   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 12   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 12   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 12   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 12   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 13   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 13   | 16     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 13   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 13   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 13   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 13      |
| 2009 | 6     | 19  | 13   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 14   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 14   | 16     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 14   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 14   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 14   | 46     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 14   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 15   | 6      | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 15   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 15   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 15   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 15   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 15   | 56     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 19  | 16   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 16   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 16   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 16   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 13      |
| 2009 | 6     | 19  | 16   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 16   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 13      |
| 2009 | 6     | 19  | 17   | 6      | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 17   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 17   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 17   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 17   | 46     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 17   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 18   | 6      | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 18   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 18   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 18   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 18   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 18   | 56     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 19   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 19   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 19   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 19   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 19   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 19   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 20   | 6      | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 20   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 20   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 20   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 20   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 20   | 56     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 21   | 6      | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 21   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 21   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 21   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 21   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 21   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 22   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 22   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 22   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 22   | 36     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 22   | 46     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 22   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12      |
| 2009 | 6     | 19  | 23   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 23   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 23   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 23   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12      |
| 2009 | 6     | 19  | 23   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 23   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 20  | 0    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 0    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 0    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 0    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 12      |
| 2009 | 6     | 20  | 0    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 0    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 1    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 1    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 1    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12      |
| 2009 | 6     | 20  | 1    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 1    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 1    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 2    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 2    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 2    | 26     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 2    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 2    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 2    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 3    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 3    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 3    | 26     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 3    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 3    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 3    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 4    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 4    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 4    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12      |
| 2009 | 6     | 20  | 4    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 4    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 4    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 5    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 5    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 5    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 5    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 5    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 5    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 6    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 6    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 6    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 6    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 6    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 6    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 7    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 7    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 7    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 7    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 7    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 7    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 20  | 8    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 8    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 8    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 8    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 8    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 8    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 9    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 9    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 9    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 9    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 9    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 9    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 10   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 10   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 10   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 10   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 10   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 10   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 11   | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 11   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 11   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 11   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 11   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 11   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 12   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 12   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 12   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 12   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 12   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 12   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 13   | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 13   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 13   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 13   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 13   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 13   | 56     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 14   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 14   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 14   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 14   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 14   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 14   | 56     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 15   | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 15   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 15   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 15   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 15   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 15   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 20  | 16   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 16   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 16   | 26     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 16   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 16   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 13      |
| 2009 | 6     | 20  | 16   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 13      |
| 2009 | 6     | 20  | 17   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 13      |
| 2009 | 6     | 20  | 17   | 16     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 17   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 17   | 36     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 17   | 46     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 17   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 18   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 18   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 18   | 26     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 18   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 18   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 18   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 19   | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 19   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 19   | 26     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 19   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 19   | 46     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 19   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 20   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 20   | 16     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 20   | 26     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 20   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 20   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 20   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 21   | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 21   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 21   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 21   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 21   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 21   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 22   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 22   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 22   | 26     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 22   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 22   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12      |
| 2009 | 6     | 20  | 22   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 23   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12      |
| 2009 | 6     | 20  | 23   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 23   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 23   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 23   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 23   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 21  | 0    | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 0    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 0    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 0    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 0    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 0    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 1    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 1    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 1    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 1    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 1    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 1    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 2    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 2    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 2    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 21  | 2    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 2    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 2    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 3    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 3    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 3    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 3    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 3    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 3    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 4    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 4    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 4    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 4    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 4    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 4    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 5    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 5    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 5    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 5    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 5    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 5    | 56     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 6    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 6    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 6    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 6    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 6    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 6    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 7    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 7    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 7    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 7    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 7    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 7    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.8    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 21  | 8    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 8    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 8    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 8    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 8    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 8    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 9    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 9    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 9    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 9    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 9    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 9    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 10   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 10   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 10   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 10   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 10   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 10   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 11   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 11   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 11   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 11   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 11   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 11   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 12   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 12   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 12   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 12   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 13      |
| 2009 | 6     | 21  | 12   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 12   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 13   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 13   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 13   | 26     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 13   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 13   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 13   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 14   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 14   | 16     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 14   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 13.4    |
| 2009 | 6     | 21  | 14   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 14   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 14   | 56     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 15   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 15   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 15   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 15   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 15   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 15   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 13.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 21  | 16   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 16   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 16   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 16   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 16   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 16   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 17   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 17   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 17   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 17   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 17   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 13.2    |
| 2009 | 6     | 21  | 17   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 18   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 18   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 18   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 18   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 18   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 18   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 19   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 19   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 19   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 19   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 19   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 19   | 56     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 20   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 20   | 16     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 20   | 26     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 20   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 20   | 46     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 20   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 21   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 21   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 21   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 21   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 21   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 21   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 22   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 22   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 22   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 22   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 22   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 22   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 23   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 23   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 23   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 23   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 23   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 23   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 22  | 0    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 0    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 0    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 0    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 0    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 0    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 1    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 1    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 1    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 1    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 1    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 1    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12      |
| 2009 | 6     | 22  | 2    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 2    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 2    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 2    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 2    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 2    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 3    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 3    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 3    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 3    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 3    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 3    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 4    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 4    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 4    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 4    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 4    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 4    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 5    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 5    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 5    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 5    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 5    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 5    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 6    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 6    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 6    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 6    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 6    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 6    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 7    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 7    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 7    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 7    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 7    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 7    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 22  | 8    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 8    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 8    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 8    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 8    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 8    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 9    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 9    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 9    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 9    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 9    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 9    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 10   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 10   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 10   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 10   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 10   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 10   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 11   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 11   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 11   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 11   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 11   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 11   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 12   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 12   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 12   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 13      |
| 2009 | 6     | 22  | 12   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 12   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 12   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 13   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 13   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 13   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 13   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 13   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 13   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 14   | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 14   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 14   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 14   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 14   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 14   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 15   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 15   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 15   | 26     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 15   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 15   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 15   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 13.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 22  | 16   | 6      | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 16   | 16     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 16   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 16   | 36     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 16   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 16   | 56     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 17   | 6      | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 17   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 17   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 17   | 36     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 17   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 13.2    |
| 2009 | 6     | 22  | 17   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 18   | 6      | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 18   | 16     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 18   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 18   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 18   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 18   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 19   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 19   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 19   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 19   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 19   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 19   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 20   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 20   | 16     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 20   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 20   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 20   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 20   | 56     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 21   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 21   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 21   | 26     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 21   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 21   | 46     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 21   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 22   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 22   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 22   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 22   | 36     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 22   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 22   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 23   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 23   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 23   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 23   | 36     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 23   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 23   | 56     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 23  | 0    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 0    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 0    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 0    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 0    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 0    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 1    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 1    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12      |
| 2009 | 6     | 23  | 1    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 1    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 1    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 1    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 2    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 2    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 2    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 2    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 2    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 2    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 3    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 3    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 3    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 3    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 3    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 3    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 4    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 4    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 4    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 4    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 4    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 4    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 5    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 5    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 5    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 5    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 5    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 5    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 6    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 6    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 6    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 6    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 6    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 6    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 7    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 7    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 7    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 7    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 7    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 7    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 23  | 8    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 8    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 8    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 8    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 8    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 8    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 9    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 9    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 9    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 9    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 9    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 9    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 10   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 10   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 10   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 10   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 10   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 10   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 11   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 11   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 11   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 11   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 11   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 11   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 12   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 12   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 12   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 12   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 13      |
| 2009 | 6     | 23  | 12   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 13      |
| 2009 | 6     | 23  | 12   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 13      |
| 2009 | 6     | 23  | 13   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 13   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 13   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 13   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 13   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 13   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 14   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 14   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 14   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 14   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 14   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 14   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 15   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 15   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 15   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 15   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 15   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 15   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 13.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 23  | 16   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 16   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 16   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 16   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 16   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 16   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 17   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 17   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 17   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 17   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 17   | 46     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 17   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 13      |
| 2009 | 6     | 23  | 18   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 18   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 18   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 18   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 18   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 18   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 19   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 19   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 21   | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 21   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 21   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 21   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 21   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 21   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 22   | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 22   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 22   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 22   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 22   | 46     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 22   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 23   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 23   | 16     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 23   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 23   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 23   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 23   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 24  | 0    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 0    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 0    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 0    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12      |
| 2009 | 6     | 24  | 0    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 0    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 4    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 4    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 4    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 4    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 4    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 4    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 5    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 5    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 5    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 5    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 5    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 5    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 6    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 6    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 6    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 6    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 6    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 6    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 7    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 7    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 7    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 7    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 7    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 7    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 24  | 8    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 8    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 8    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 8    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 8    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 8    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 9    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 9    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 9    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 9    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 9    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 9    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 10   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 10   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 10   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 10   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 10   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 10   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 11   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 11   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 11   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 11   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 11   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 11   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 12   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 12   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 12   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 12   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 13      |
| 2009 | 6     | 24  | 12   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 13      |
| 2009 | 6     | 24  | 12   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 13      |
| 2009 | 6     | 24  | 13   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 13   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 13   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 13   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 13   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 13   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 14   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 14   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 14   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 14   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 14   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 14   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 15   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 15   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 15   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 15   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 15   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 15   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 13.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 24  | 16   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 16   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 16   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 16   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 16   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 16   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 17   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 17   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 17   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 17   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 17   | 46     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 17   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 13      |
| 2009 | 6     | 24  | 18   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 18   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 18   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 18   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 18   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 18   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 19   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 19   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 56     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 46     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 21   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 21   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 21   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 21   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 21   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 21   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 22   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 22   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 22   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 22   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12      |
| 2009 | 6     | 24  | 22   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 22   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 23   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 23   | 16     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 23   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 23   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 23   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 23   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 25  | 0    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 0    | 16     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 0    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 0    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 0    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 0    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 5    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 5    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 5    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 5    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 5    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 5    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 6    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 6    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 6    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 6    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 6    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 6    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 7    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 7    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 7    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 7    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 7    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 7    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 25  | 8    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 8    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 8    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 8    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 8    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 8    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 9    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 9    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 9    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 9    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 9    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 9    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 10   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 10   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 10   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 10   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 10   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 10   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 11   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 11   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 11   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 11   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 11   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 11   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 12   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 12   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 12   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 12   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 13      |
| 2009 | 6     | 25  | 12   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 13      |
| 2009 | 6     | 25  | 12   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 13      |
| 2009 | 6     | 25  | 13   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 13   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 13   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 13   | 36     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 13   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 13   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 14   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 14   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 14   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 14   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 14   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 14   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 15   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 15   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 15   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 15   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 15   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 15   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 13.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 25  | 16   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 16   | 16     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 16   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 16   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 16   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 16   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 17   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 17   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 17   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 17   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 17   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 17   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 18   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 18   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 18   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 18   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 18   | 46     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 18   | 56     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 16     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 21   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 21   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 21   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 21   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 21   | 46     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 21   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 22   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 22   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 22   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 22   | 36     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 22   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 22   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 23   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 23   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 23   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 23   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 23   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 23   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 26  | 0    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 0    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 0    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 0    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 0    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 0    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 4    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 5    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 5    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 5    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 5    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 5    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 5    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 6    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 6    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 6    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 6    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 6    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 6    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 7    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 7    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 7    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 7    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 7    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 7    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 26  | 8    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 8    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 8    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 8    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 8    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 8    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 9    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 9    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 9    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 9    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 9    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 9    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 10   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 10   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 10   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 10   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 10   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 10   | 56     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 11   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 11   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 11   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 11   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 11   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 11   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 12   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 12   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 12   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 12   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 12   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 12   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 13   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 13   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 13   | 26     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 13   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 13   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 13   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 14   | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 14   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 14   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 14   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 14   | 46     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 14   | 56     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 15   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 13      |
| 2009 | 6     | 26  | 15   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 15   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 15   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 15   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 13      |
| 2009 | 6     | 26  | 15   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 13      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 26  | 16   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 16   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 16   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 16   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 16   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 16   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 17   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 13      |
| 2009 | 6     | 26  | 17   | 16     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 13      |
| 2009 | 6     | 26  | 17   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 17   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 17   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 17   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 18   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 18   | 16     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 18   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 18   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 18   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 18   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 19   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 19   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 36     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 16     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 21   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 21   | 16     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 21   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 21   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 21   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 21   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 22   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 22   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 22   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 22   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 22   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 22   | 56     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 23   | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 23   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 23   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 23   | 36     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 23   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 23   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 27  | 0    | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12      |
| 2009 | 6     | 27  | 0    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 0    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 0    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 0    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 0    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 4    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 4    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 4    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 4    | 36     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 4    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 4    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 5    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 5    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 5    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 5    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 5    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 5    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 6    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 6    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 6    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 6    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 6    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 6    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 7    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 7    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 7    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 7    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 7    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 7    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 27  | 8    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 8    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 8    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 8    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 8    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 8    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 9    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 9    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 9    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 9    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 9    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 9    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 10   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 10   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 10   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 10   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 10   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 10   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 11   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 11   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 11   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 11   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 11   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 11   | 56     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 12   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 12   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 12   | 26     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 12   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 12   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 12   | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 13   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 13   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 13   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 13   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 13      |
| 2009 | 6     | 27  | 13   | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 13   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 14   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 14   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 14   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 14   | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 14   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 14   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 15   | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 15   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 15   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 15   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 13      |
| 2009 | 6     | 27  | 15   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 15   | 56     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 27  | 16   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 16   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 13      |
| 2009 | 6     | 27  | 16   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 16   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 16   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 16   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 17   | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 17   | 16     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 17   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 17   | 36     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 17   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 17   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 18   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 18   | 16     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 18   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 18   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 18   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 18   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 19   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 19   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 46     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 36     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 56     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 21   | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 21   | 16     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 21   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 21   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 21   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 21   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 22   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 22   | 16     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 22   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 22   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 22   | 46     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 22   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 23   | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 23   | 16     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 23   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 23   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 23   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 23   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 28  | 0    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 0    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 0    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 0    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 0    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 0    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 16     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 4    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 4    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 4    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 4    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 4    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 4    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 5    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 5    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 5    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 5    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 5    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 5    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 6    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 6    | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 6    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 6    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 6    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 6    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 7    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 7    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 7    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 7    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 7    | 46     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 7    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 28  | 8    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 8    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 8    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 8    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 8    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 8    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 9    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 9    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 9    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 9    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 9    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 9    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 10   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 10   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 10   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 10   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 10   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 10   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 11   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 11   | 16     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 11   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 11   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 11   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 11   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 12   | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 12   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 12   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 12   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 12   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 12   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 13      |
| 2009 | 6     | 28  | 13   | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 13   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 13   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 13   | 36     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 13   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 13   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 14   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 14   | 16     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 14   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 14   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 14   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 14   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 15   | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 13      |
| 2009 | 6     | 28  | 15   | 16     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 15   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 15   | 36     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.38       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 15   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 15   | 56     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 28  | 16   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 16   | 16     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 16   | 26     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 16   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.6        | 0        | 0              | 13      |
| 2009 | 6     | 28  | 16   | 46     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.62       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 16   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 17   | 6      | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 17   | 16     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.67       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 17   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.67       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 17   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.67       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 17   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.67       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 17   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 18   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.64       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 18   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.62       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 18   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.6        | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 18   | 36     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 18   | 46     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 18   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 19   | 6      | 40     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 46     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 20   | 6      | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 20   | 16     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 20   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 20   | 36     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 20   | 46     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 20   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 21   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 21   | 16     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 21   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 21   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 21   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 21   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 22   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 22   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 22   | 26     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 22   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 22   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 22   | 56     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 23   | 6      | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 23   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 23   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 23   | 36     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 23   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 23   | 56     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 29  | 0    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 0    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 0    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 0    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 0    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 0    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 46     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 4    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 4    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 4    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 4    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 4    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 4    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 5    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 5    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 5    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 5    | 36     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 5    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 5    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 6    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 6    | 16     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 6    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 6    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 6    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 6    | 56     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 7    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 7    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 7    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 7    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 7    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 7    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 11.8    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 29  | 8    | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 8    | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 8    | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 8    | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12      |
| 2009 | 6     | 29  | 8    | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 8    | 56     | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 9    | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 9    | 16     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 9    | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 9    | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 9    | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 9    | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 10   | 6      | 40     | 34     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 10   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 10   | 26     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 10   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 10   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 10   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 11   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 11   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 11   | 26     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 11   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 11   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 11   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 12   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 12   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 12   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 12   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 12   | 46     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 12   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 13      |
| 2009 | 6     | 29  | 13   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 13   | 16     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 13   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 13   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 13   | 46     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 13   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 13      |
| 2009 | 6     | 29  | 14   | 6      | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 14   | 16     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.67       | 0        | 0              | 13      |
| 2009 | 6     | 29  | 14   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.71       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 14   | 36     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 13      |
| 2009 | 6     | 29  | 14   | 46     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.8        | 0        | 0              | 13      |
| 2009 | 6     | 29  | 14   | 56     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.64       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 15   | 6      | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 15   | 16     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 15   | 26     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 15   | 36     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 15   | 46     | 40     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 15   | 56     | 40     | 33     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 29  | 16   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 16   | 16     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 16   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.53       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 16   | 36     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 16   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.62       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 16   | 56     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 17   | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 17   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 17   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 17   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 17   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 17   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 18   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 36     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 56     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 26     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 20   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 20   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 20   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 20   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 20   | 46     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 20   | 56     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 21   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 21   | 16     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 21   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 21   | 36     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 21   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 21   | 56     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 22   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 22   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 22   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 22   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 22   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 22   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 26     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 56     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 30  | 0    | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 0    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 0    | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 0    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 0    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 0    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 16     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 56     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 46     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 3    | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 3    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 3    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 3    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 3    | 46     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 3    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 4    | 6      | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 4    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 4    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 4    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 4    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 4    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 5    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 5    | 16     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 5    | 26     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 5    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 5    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 5    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 6    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 6    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 6    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 6    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 6    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 6    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 7    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 7    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 7    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 7    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 7    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 7    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 30  | 8    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 8    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 8    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 8    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 8    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 8    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 9    | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 9    | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 9    | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 9    | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 9    | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 9    | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 10   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 10   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 10   | 26     | 40     | 34     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 10   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 10   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 10   | 56     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 11   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 11   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 11   | 26     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 11   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 11   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 11   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 12   | 6      | 40     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 12   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 12   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 12   | 36     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 12   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 12   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 13   | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 13   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.6        | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 13   | 26     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 13   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.73       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 13   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.92       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 13   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.82       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 14   | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.07       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 14   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.21       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 14   | 26     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.36       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 14   | 36     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.25       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 14   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.45       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 14   | 56     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.59       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 15   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.68       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 15   | 16     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.64       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 15   | 26     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.73       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 15   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.7        | 0        | 0              | 13      |
| 2009 | 6     | 30  | 15   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.82       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 15   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.88       | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 30  | 16   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.88       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 16   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.91       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 16   | 26     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.93       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 16   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.95       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 16   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.97       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 16   | 56     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.99       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 17   | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.95       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 17   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.93       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 17   | 26     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.97       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 17   | 36     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.99       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 17   | 46     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.02       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 17   | 56     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.99       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 18   | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.02       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 18   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73          | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 18   | 26     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.99       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 18   | 36     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73          | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 18   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73          | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 18   | 56     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.97       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 19   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 19   | 16     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 19   | 26     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 19   | 36     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 19   | 46     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 19   | 56     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 20   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 20   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 20   | 26     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 20   | 36     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 20   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 20   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 21   | 6      | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 21   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 21   | 26     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 21   | 36     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 21   | 46     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 21   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 22   | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 22   | 16     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.92       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 22   | 26     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.85       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 22   | 36     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 22   | 46     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.71       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 22   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 6      | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 16     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.53       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 26     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 36     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 46     | 40     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 56     | 40     | 33     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 1   | 0    | 1      | 20     | 0.3       | 2.3     | 0.56  | 97.1      | 143.5284 | 60.2687 |
| 2009 | 6     | 1   | 0    | 11     | 20     | 0.3       | 2.3     | 0.6   | 99.5      | 143.5284 | 64.1734 |
| 2009 | 6     | 1   | 0    | 21     | 20     | 0.3       | 2.3     | 0.54  | 96.2      | 143.726  | 59.3742 |
| 2009 | 6     | 1   | 0    | 31     | 20     | 0.3       | 2.3     | 0.56  | 98        | 143.726  | 61.0034 |
| 2009 | 6     | 1   | 0    | 41     | 20     | 0.3       | 2.3     | 0.54  | 99.1      | 143.9237 | 58.8033 |
| 2009 | 6     | 1   | 0    | 51     | 20     | 0.3       | 2.3     | 0.53  | 99.6      | 144.1214 | 57.9039 |
| 2009 | 6     | 1   | 1    | 1      | 20     | 0.3       | 2.6     | 0.55  | 97.9      | 144.3193 | 59.6193 |
| 2009 | 6     | 1   | 1    | 11     | 20     | 0.3       | 2.6     | 0.57  | 97        | 144.3193 | 61.9096 |
| 2009 | 6     | 1   | 1    | 21     | 20     | 0.3       | 2.6     | 0.56  | 100.5     | 144.3193 | 60.6008 |
| 2009 | 6     | 1   | 1    | 31     | 20     | 0.3       | 2.6     | 0.54  | 99.9      | 144.3193 | 58.3106 |
| 2009 | 6     | 1   | 1    | 41     | 20     | 0.3       | 2.6     | 0.58  | 96.8      | 144.5172 | 63.6326 |
| 2009 | 6     | 1   | 1    | 51     | 20     | 0.3       | 2.6     | 0.54  | 98.7      | 144.5172 | 59.0458 |
| 2009 | 6     | 1   | 2    | 1      | 20     | 0.3       | 2.6     | 0.54  | 102.5     | 144.5172 | 58.7182 |
| 2009 | 6     | 1   | 2    | 11     | 20     | 0.3       | 2.6     | 0.55  | 100.2     | 144.5172 | 60.0287 |
| 2009 | 6     | 1   | 2    | 21     | 20     | 0.3       | 2.6     | 0.56  | 101.9     | 144.5172 | 60.0287 |
| 2009 | 6     | 1   | 2    | 31     | 20     | 0.3       | 2.6     | 0.5   | 99.8      | 144.7152 | 54.8617 |
| 2009 | 6     | 1   | 2    | 41     | 20     | 0.3       | 2.6     | 0.54  | 102.5     | 144.7152 | 58.7986 |
| 2009 | 6     | 1   | 2    | 51     | 20     | 0.3       | 2.6     | 0.53  | 96.4      | 144.7152 | 58.4706 |
| 2009 | 6     | 1   | 3    | 1      | 20     | 0.3       | 2.6     | 0.58  | 99.8      | 144.7152 | 62.4075 |
| 2009 | 6     | 1   | 3    | 11     | 20     | 0.3       | 2.6     | 0.59  | 99.3      | 144.7152 | 63.7198 |
| 2009 | 6     | 1   | 3    | 21     | 20     | 0.3       | 2.6     | 0.54  | 100.8     | 144.7152 | 58.7986 |
| 2009 | 6     | 1   | 3    | 31     | 20     | 0.3       | 2.6     | 0.53  | 100.3     | 144.7152 | 58.1425 |
| 2009 | 6     | 1   | 3    | 41     | 20     | 0.3       | 2.6     | 0.55  | 97.6      | 144.7152 | 59.7829 |
| 2009 | 6     | 1   | 3    | 51     | 20     | 0.3       | 2.6     | 0.56  | 95.7      | 144.7152 | 61.4232 |
| 2009 | 6     | 1   | 4    | 1      | 20     | 0.3       | 2.6     | 0.53  | 99.3      | 144.9133 | 57.8935 |
| 2009 | 6     | 1   | 4    | 11     | 20     | 0.3       | 2.6     | 0.58  | 97.2      | 144.9133 | 62.8214 |
| 2009 | 6     | 1   | 4    | 21     | 20     | 0.3       | 2.6     | 0.58  | 96.5      | 144.9133 | 63.4785 |
| 2009 | 6     | 1   | 4    | 31     | 20     | 0.3       | 2.6     | 0.55  | 97.5      | 144.9133 | 60.5217 |
| 2009 | 6     | 1   | 4    | 41     | 20     | 0.3       | 2.6     | 0.53  | 99.3      | 144.9133 | 57.565  |
| 2009 | 6     | 1   | 4    | 51     | 20     | 0.3       | 2.6     | 0.52  | 100.6     | 144.9133 | 56.5794 |
| 2009 | 6     | 1   | 5    | 1      | 20     | 0.3       | 2.6     | 0.54  | 101.3     | 144.9133 | 58.222  |
| 2009 | 6     | 1   | 5    | 11     | 20     | 0.3       | 2.6     | 0.62  | 98.2      | 144.9133 | 67.0923 |
| 2009 | 6     | 1   | 5    | 21     | 20     | 0.3       | 2.6     | 0.61  | 96.2      | 144.9133 | 66.1067 |
| 2009 | 6     | 1   | 5    | 31     | 20     | 0.3       | 2.6     | 0.58  | 98.1      | 144.9133 | 63.15   |
| 2009 | 6     | 1   | 5    | 41     | 20     | 0.3       | 2.6     | 0.6   | 95.6      | 145.1115 | 65.8681 |
| 2009 | 6     | 1   | 5    | 51     | 20     | 0.3       | 2.6     | 0.58  | 93.2      | 145.1115 | 63.8943 |
| 2009 | 6     | 1   | 6    | 1      | 20     | 0.3       | 2.6     | 0.56  | 97.8      | 145.1115 | 61.2625 |
| 2009 | 6     | 1   | 6    | 11     | 20     | 0.3       | 2.6     | 0.55  | 99.3      | 145.1115 | 59.9466 |
| 2009 | 6     | 1   | 6    | 21     | 20     | 0.3       | 2.6     | 0.61  | 96.2      | 145.1115 | 66.5261 |
| 2009 | 6     | 1   | 6    | 31     | 20     | 0.3       | 2.6     | 0.54  | 95.2      | 145.3097 | 60.0285 |
| 2009 | 6     | 1   | 6    | 41     | 20     | 0.3       | 2.6     | 0.56  | 96.4      | 145.3097 | 61.6756 |
| 2009 | 6     | 1   | 6    | 51     | 20     | 0.3       | 2.6     | 0.55  | 100.7     | 145.3097 | 59.699  |
| 2009 | 6     | 1   | 7    | 1      | 20     | 0.3       | 2.6     | 0.57  | 97.7      | 145.3097 | 62.005  |
| 2009 | 6     | 1   | 7    | 11     | 20     | 0.3       | 2.6     | 0.52  | 98.3      | 145.3097 | 57.7225 |
| 2009 | 6     | 1   | 7    | 21     | 20     | 0.3       | 2.6     | 0.55  | 98.2      | 145.5081 | 60.7701 |
| 2009 | 6     | 1   | 7    | 31     | 20     | 0.3       | 2.6     | 0.52  | 97.6      | 145.5081 | 57.8013 |
| 2009 | 6     | 1   | 7    | 41     | 20     | 0.3       | 2.6     | 0.56  | 96.8      | 145.5081 | 61.1    |
| 2009 | 6     | 1   | 7    | 51     | 20     | 0.3       | 2.6     | 0.57  | 100.5     | 145.7065 | 62.5047 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 1   | 8    | 1      | 20     | 0.3       | 2.6     | 0.55  | 97.6      | 145.905  | 60.2744 |
| 2009 | 6     | 1   | 8    | 11     | 20     | 0.3       | 2.6     | 0.51  | 98.8      | 145.905  | 56.9666 |
| 2009 | 6     | 1   | 8    | 21     | 20     | 0.3       | 2.6     | 0.57  | 96.6      | 146.1036 | 63.0062 |
| 2009 | 6     | 1   | 8    | 31     | 20     | 0.3       | 2.6     | 0.52  | 96.6      | 146.3023 | 57.4534 |
| 2009 | 6     | 1   | 8    | 41     | 20     | 0.3       | 2.6     | 0.57  | 98.3      | 146.3023 | 62.7602 |
| 2009 | 6     | 1   | 8    | 51     | 20     | 0.3       | 2.6     | 0.55  | 95.2      | 146.3023 | 60.7702 |
| 2009 | 6     | 1   | 9    | 1      | 20     | 0.3       | 2.6     | 0.58  | 98.5      | 146.5011 | 63.5098 |
| 2009 | 6     | 1   | 9    | 11     | 20     | 0.3       | 2.6     | 0.52  | 98.7      | 146.5011 | 57.8636 |
| 2009 | 6     | 1   | 9    | 21     | 20     | 0.3       | 2.6     | 0.51  | 94.4      | 146.5011 | 57.1993 |
| 2009 | 6     | 1   | 9    | 31     | 20     | 0.3       | 2.6     | 0.56  | 99.7      | 146.5011 | 61.8491 |
| 2009 | 6     | 1   | 9    | 41     | 20     | 0.3       | 2.6     | 0.58  | 99.8      | 146.7    | 63.2634 |
| 2009 | 6     | 1   | 9    | 51     | 20     | 0.3       | 2.6     | 0.59  | 98        | 146.7    | 65.2589 |
| 2009 | 6     | 1   | 10   | 1      | 20     | 0.3       | 2.6     | 0.57  | 97.7      | 146.7    | 62.5982 |
| 2009 | 6     | 1   | 10   | 11     | 20     | 0.3       | 2.6     | 0.57  | 97        | 146.7    | 62.9308 |
| 2009 | 6     | 1   | 10   | 21     | 20     | 0.3       | 2.6     | 0.6   | 99.8      | 146.8989 | 65.6804 |
| 2009 | 6     | 1   | 10   | 31     | 20     | 0.3       | 2.6     | 0.52  | 101.4     | 146.8989 | 57.0216 |
| 2009 | 6     | 1   | 10   | 41     | 20     | 0.3       | 2.6     | 0.53  | 97.5      | 146.8989 | 59.0198 |
| 2009 | 6     | 1   | 10   | 51     | 20     | 0.3       | 2.6     | 0.57  | 98.5      | 146.8989 | 63.3492 |
| 2009 | 6     | 1   | 11   | 1      | 20     | 0.3       | 2.6     | 0.53  | 97.4      | 146.8989 | 59.3528 |
| 2009 | 6     | 1   | 11   | 11     | 20     | 0.3       | 2.6     | 0.55  | 101       | 147.0979 | 60.7672 |
| 2009 | 6     | 1   | 11   | 21     | 20     | 0.3       | 2.6     | 0.58  | 97.2      | 147.0979 | 64.102  |
| 2009 | 6     | 1   | 11   | 31     | 20     | 0.3       | 2.6     | 0.53  | 98.8      | 147.0979 | 59.4332 |
| 2009 | 6     | 1   | 11   | 41     | 20     | 0.3       | 2.6     | 0.59  | 96.1      | 147.0979 | 65.4359 |
| 2009 | 6     | 1   | 11   | 51     | 20     | 0.3       | 2.6     | 0.54  | 97.3      | 147.297  | 60.5155 |
| 2009 | 6     | 1   | 12   | 1      | 20     | 0.3       | 2.6     | 0.56  | 95.7      | 147.297  | 62.853  |
| 2009 | 6     | 1   | 12   | 11     | 20     | 0.3       | 2.6     | 0.58  | 94.9      | 147.297  | 64.5227 |
| 2009 | 6     | 1   | 12   | 21     | 20     | 0.3       | 2.6     | 0.57  | 99.6      | 147.297  | 63.187  |
| 2009 | 6     | 1   | 12   | 31     | 20     | 0.3       | 2.6     | 0.53  | 98.6      | 147.297  | 58.8458 |
| 2009 | 6     | 1   | 12   | 41     | 20     | 0.3       | 2.6     | 0.55  | 97.2      | 147.297  | 61.5173 |
| 2009 | 6     | 1   | 12   | 51     | 20     | 0.3       | 2.6     | 0.55  | 97.2      | 147.4962 | 61.6005 |
| 2009 | 6     | 1   | 13   | 1      | 20     | 0.3       | 2.6     | 0.62  | 97        | 147.297  | 68.5299 |
| 2009 | 6     | 1   | 13   | 11     | 20     | 0.3       | 2.6     | 0.58  | 97.1      | 147.4962 | 64.6099 |
| 2009 | 6     | 1   | 13   | 21     | 20     | 0.3       | 2.6     | 0.56  | 101.9     | 147.4962 | 61.2661 |
| 2009 | 6     | 1   | 13   | 31     | 20     | 0.3       | 2.6     | 0.6   | 94.1      | 147.4962 | 66.6162 |
| 2009 | 6     | 1   | 13   | 41     | 20     | 0.3       | 2.6     | 0.58  | 94.8      | 147.4962 | 64.9443 |
| 2009 | 6     | 1   | 13   | 51     | 20     | 0.3       | 2.6     | 0.58  | 92.9      | 147.6955 | 64.6972 |
| 2009 | 6     | 1   | 14   | 1      | 20     | 0.3       | 2.6     | 0.57  | 100       | 147.6955 | 62.6882 |
| 2009 | 6     | 1   | 14   | 11     | 20     | 0.3       | 2.6     | 0.56  | 101.1     | 147.6955 | 62.0185 |
| 2009 | 6     | 1   | 14   | 21     | 20     | 0.3       | 2.6     | 0.6   | 97.3      | 147.6955 | 66.0366 |
| 2009 | 6     | 1   | 14   | 31     | 20     | 0.3       | 2.6     | 0.57  | 95.3      | 147.6955 | 63.3579 |
| 2009 | 6     | 1   | 14   | 41     | 20     | 0.3       | 2.6     | 0.61  | 95.3      | 147.6955 | 67.3759 |
| 2009 | 6     | 1   | 14   | 51     | 20     | 0.3       | 2.6     | 0.59  | 97        | 147.6955 | 65.3669 |
| 2009 | 6     | 1   | 15   | 1      | 20     | 0.3       | 2.6     | 0.56  | 98.1      | 147.8949 | 62.4375 |
| 2009 | 6     | 1   | 15   | 11     | 20     | 0.3       | 2.6     | 0.57  | 98.6      | 147.8949 | 63.4434 |
| 2009 | 6     | 1   | 15   | 21     | 20     | 0.3       | 2.6     | 0.66  | 98.9      | 147.8949 | 72.1609 |
| 2009 | 6     | 1   | 15   | 31     | 20     | 0.3       | 2.6     | 0.58  | 94.8      | 147.8949 | 65.1198 |
| 2009 | 6     | 1   | 15   | 41     | 20     | 0.3       | 2.6     | 0.61  | 92.2      | 147.8949 | 68.1374 |
| 2009 | 6     | 1   | 15   | 51     | 20     | 0.3       | 2.6     | 0.59  | 97        | 148.0943 | 65.5434 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 1   | 16   | 1      | 20     | 0.3       | 2.6     | 0.56  | 97.4      | 148.0943 | 62.5218 |
| 2009 | 6     | 1   | 16   | 11     | 20     | 0.3       | 2.6     | 0.56  | 99.2      | 148.0943 | 61.8503 |
| 2009 | 6     | 1   | 16   | 21     | 20     | 0.3       | 2.6     | 0.62  | 97        | 148.0943 | 68.565  |
| 2009 | 6     | 1   | 16   | 31     | 20     | 0.3       | 2.6     | 0.64  | 99.1      | 148.0943 | 70.5795 |
| 2009 | 6     | 1   | 16   | 41     | 20     | 0.3       | 2.6     | 0.56  | 99.2      | 148.0943 | 61.8503 |
| 2009 | 6     | 1   | 16   | 51     | 20     | 0.3       | 2.6     | 0.57  | 93.3      | 148.2939 | 63.6146 |
| 2009 | 6     | 1   | 17   | 1      | 20     | 0.3       | 2.6     | 0.61  | 96.1      | 148.2939 | 68.3212 |
| 2009 | 6     | 1   | 17   | 11     | 20     | 0.3       | 2.6     | 0.59  | 97.6      | 148.2939 | 65.9679 |
| 2009 | 6     | 1   | 17   | 21     | 20     | 0.3       | 2.6     | 0.61  | 95.3      | 148.4935 | 67.7399 |
| 2009 | 6     | 1   | 17   | 31     | 20     | 0.3       | 2.6     | 0.62  | 98.9      | 148.4935 | 68.4132 |
| 2009 | 6     | 1   | 17   | 41     | 20     | 0.3       | 2.6     | 0.63  | 96.9      | 148.893  | 69.9475 |
| 2009 | 6     | 1   | 17   | 51     | 20     | 0.3       | 2.6     | 0.52  | 96.2      | 148.893  | 58.8083 |
| 2009 | 6     | 1   | 18   | 1      | 20     | 0.3       | 2.6     | 0.6   | 95.6      | 149.0929 | 67.6754 |
| 2009 | 6     | 1   | 18   | 11     | 20     | 0.3       | 2.6     | 0.65  | 94.3      | 149.2928 | 72.843  |
| 2009 | 6     | 1   | 18   | 21     | 20     | 0.3       | 2.6     | 0.59  | 95.4      | 149.2928 | 66.4123 |
| 2009 | 6     | 1   | 18   | 31     | 20     | 0.3       | 2.6     | 0.62  | 96        | 149.2928 | 69.7969 |
| 2009 | 6     | 1   | 18   | 41     | 20     | 0.3       | 2.6     | 0.6   | 95        | 149.4929 | 67.518  |
| 2009 | 6     | 1   | 18   | 51     | 20     | 0.3       | 2.6     | 0.61  | 97.2      | 149.4929 | 67.8569 |
| 2009 | 6     | 1   | 19   | 1      | 20     | 0.3       | 2.6     | 0.6   | 97.9      | 149.4929 | 66.8402 |
| 2009 | 6     | 1   | 19   | 11     | 20     | 0.3       | 2.6     | 0.61  | 97.2      | 149.4929 | 67.8569 |
| 2009 | 6     | 1   | 19   | 21     | 20     | 0.3       | 2.6     | 0.65  | 97.6      | 149.693  | 72.0201 |
| 2009 | 6     | 1   | 19   | 31     | 20     | 0.3       | 2.6     | 0.62  | 97.9      | 149.693  | 69.6446 |
| 2009 | 6     | 1   | 19   | 41     | 20     | 0.3       | 2.6     | 0.58  | 98.1      | 149.693  | 65.2329 |
| 2009 | 6     | 1   | 19   | 51     | 20     | 0.3       | 2.6     | 0.62  | 98.8      | 149.693  | 69.3052 |
| 2009 | 6     | 1   | 20   | 1      | 20     | 0.3       | 2.6     | 0.6   | 98.4      | 149.693  | 67.6084 |
| 2009 | 6     | 1   | 20   | 11     | 20     | 0.3       | 2.6     | 0.63  | 92.4      | 149.693  | 71.002  |
| 2009 | 6     | 1   | 20   | 21     | 20     | 0.3       | 2.6     | 0.64  | 98.3      | 149.693  | 71.3414 |
| 2009 | 6     | 1   | 20   | 31     | 20     | 0.3       | 2.6     | 0.64  | 95.6      | 149.8932 | 71.7766 |
| 2009 | 6     | 1   | 20   | 41     | 20     | 0.3       | 2.6     | 0.68  | 97.2      | 149.8932 | 75.5146 |
| 2009 | 6     | 1   | 20   | 51     | 20     | 0.3       | 2.6     | 0.61  | 96.7      | 149.8932 | 69.0581 |
| 2009 | 6     | 1   | 21   | 1      | 20     | 0.3       | 2.6     | 0.55  | 99        | 149.8932 | 61.9219 |
| 2009 | 6     | 1   | 21   | 11     | 20     | 0.3       | 2.6     | 0.58  | 94.5      | 149.8932 | 65.6599 |
| 2009 | 6     | 1   | 21   | 21     | 20     | 0.3       | 2.6     | 0.59  | 96.4      | 150.0936 | 66.4282 |
| 2009 | 6     | 1   | 21   | 31     | 20     | 0.3       | 2.6     | 0.65  | 99.8      | 150.0936 | 72.5531 |
| 2009 | 6     | 1   | 21   | 41     | 20     | 0.3       | 2.6     | 0.56  | 99.5      | 150.0936 | 63.0255 |
| 2009 | 6     | 1   | 21   | 51     | 20     | 0.3       | 2.6     | 0.59  | 96.1      | 150.0936 | 66.7685 |
| 2009 | 6     | 1   | 22   | 1      | 20     | 0.3       | 2.6     | 0.6   | 97.8      | 150.0936 | 67.7893 |
| 2009 | 6     | 1   | 22   | 11     | 20     | 0.3       | 2.6     | 0.61  | 95.8      | 150.0936 | 69.1504 |
| 2009 | 6     | 1   | 22   | 21     | 20     | 0.3       | 2.6     | 0.59  | 95.8      | 150.0936 | 66.4282 |
| 2009 | 6     | 1   | 22   | 31     | 20     | 0.3       | 2.6     | 0.58  | 99.7      | 150.2939 | 65.4947 |
| 2009 | 6     | 1   | 22   | 41     | 20     | 0.3       | 2.6     | 0.61  | 100.8     | 150.2939 | 68.2205 |
| 2009 | 6     | 1   | 22   | 51     | 20     | 0.3       | 2.6     | 0.63  | 97.8      | 150.2939 | 70.9463 |
| 2009 | 6     | 1   | 23   | 1      | 20     | 0.3       | 2.6     | 0.62  | 96.1      | 150.2939 | 69.5834 |
| 2009 | 6     | 1   | 23   | 11     | 20     | 0.3       | 2.6     | 0.57  | 94        | 150.4944 | 64.5585 |
| 2009 | 6     | 1   | 23   | 21     | 20     | 0.3       | 2.6     | 0.59  | 97.4      | 150.695  | 66.6944 |
| 2009 | 6     | 1   | 23   | 31     | 20     | 0.3       | 2.6     | 0.63  | 99        | 150.8956 | 70.8883 |
| 2009 | 6     | 1   | 23   | 41     | 20     | 0.3       | 2.6     | 0.61  | 98        | 151.0963 | 69.2698 |
| 2009 | 6     | 1   | 23   | 51     | 20     | 0.3       | 2.6     | 0.63  | 98.3      | 151.2971 | 71.4199 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 2   | 0    | 1      | 20     | 0.3       | 2.6     | 0.62  | 99.1      | 151.2971 | 70.3909 |
| 2009 | 6     | 2   | 0    | 11     | 20     | 0.3       | 2.6     | 0.6   | 94.7      | 151.498  | 68.0802 |
| 2009 | 6     | 2   | 0    | 21     | 20     | 0.3       | 2.6     | 0.57  | 98.5      | 151.498  | 65.3325 |
| 2009 | 6     | 2   | 0    | 31     | 20     | 0.3       | 2.6     | 0.59  | 101.6     | 151.498  | 66.0194 |
| 2009 | 6     | 2   | 0    | 41     | 20     | 0.3       | 2.6     | 0.64  | 95        | 151.699  | 72.6413 |
| 2009 | 6     | 2   | 0    | 51     | 20     | 0.3       | 2.6     | 0.63  | 97.5      | 151.699  | 71.6096 |
| 2009 | 6     | 2   | 1    | 1      | 20     | 0.3       | 2.6     | 0.63  | 96.3      | 151.699  | 71.2657 |
| 2009 | 6     | 2   | 1    | 11     | 20     | 0.3       | 2.6     | 0.56  | 99.4      | 151.699  | 64.0436 |
| 2009 | 6     | 2   | 1    | 21     | 20     | 0.3       | 2.6     | 0.63  | 96.9      | 151.9001 | 71.7045 |
| 2009 | 6     | 2   | 1    | 31     | 20     | 0.3       | 2.6     | 0.6   | 96.2      | 151.9001 | 68.9496 |
| 2009 | 6     | 2   | 1    | 41     | 20     | 0.3       | 2.6     | 0.58  | 93.6      | 151.9001 | 66.539  |
| 2009 | 6     | 2   | 1    | 51     | 20     | 0.3       | 2.6     | 0.59  | 97        | 151.9001 | 67.9165 |
| 2009 | 6     | 2   | 2    | 1      | 20     | 0.3       | 2.6     | 0.66  | 95.5      | 151.9001 | 74.4595 |
| 2009 | 6     | 2   | 2    | 11     | 20     | 0.3       | 2.6     | 0.61  | 97.4      | 152.1013 | 69.3857 |
| 2009 | 6     | 2   | 2    | 21     | 20     | 0.3       | 2.6     | 0.59  | 91.6      | 152.1013 | 67.6616 |
| 2009 | 6     | 2   | 2    | 31     | 20     | 0.3       | 2.6     | 0.67  | 95.6      | 152.1013 | 76.2822 |
| 2009 | 6     | 2   | 2    | 41     | 20     | 0.3       | 2.6     | 0.69  | 95.7      | 152.1013 | 78.0063 |
| 2009 | 6     | 2   | 2    | 51     | 20     | 0.3       | 2.6     | 0.59  | 95.1      | 152.1013 | 67.3168 |
| 2009 | 6     | 2   | 3    | 1      | 20     | 0.3       | 2.6     | 0.63  | 96        | 152.1013 | 71.4547 |
| 2009 | 6     | 2   | 3    | 11     | 20     | 0.3       | 2.6     | 0.64  | 98.3      | 152.3025 | 72.585  |
| 2009 | 6     | 2   | 3    | 21     | 20     | 0.3       | 2.6     | 0.68  | 96.4      | 152.3025 | 77.0736 |
| 2009 | 6     | 2   | 3    | 31     | 20     | 0.3       | 2.6     | 0.62  | 100.4     | 152.3025 | 69.8228 |
| 2009 | 6     | 2   | 3    | 41     | 20     | 0.3       | 2.6     | 0.6   | 94.4      | 152.5038 | 68.8779 |
| 2009 | 6     | 2   | 3    | 51     | 20     | 0.3       | 2.6     | 0.56  | 97.4      | 152.5038 | 64.7291 |
| 2009 | 6     | 2   | 4    | 1      | 20     | 0.3       | 2.6     | 0.58  | 99.4      | 152.5038 | 66.4577 |
| 2009 | 6     | 2   | 4    | 11     | 20     | 0.3       | 2.6     | 0.56  | 101.1     | 152.5038 | 64.0376 |
| 2009 | 6     | 2   | 4    | 21     | 20     | 0.3       | 2.6     | 0.61  | 98.3      | 152.9067 | 69.7531 |
| 2009 | 6     | 2   | 4    | 31     | 20     | 0.3       | 2.6     | 0.6   | 97.8      | 153.3099 | 69.242  |
| 2009 | 6     | 2   | 4    | 41     | 20     | 0.3       | 2.6     | 0.66  | 96        | 153.3099 | 75.1505 |
| 2009 | 6     | 2   | 4    | 51     | 20     | 0.3       | 2.6     | 0.6   | 100.3     | 153.5117 | 68.9851 |
| 2009 | 6     | 2   | 5    | 1      | 20     | 0.3       | 2.6     | 0.59  | 96.4      | 153.5117 | 67.941  |
| 2009 | 6     | 2   | 5    | 11     | 20     | 0.3       | 2.6     | 0.55  | 96.5      | 153.7135 | 64.1971 |
| 2009 | 6     | 2   | 5    | 21     | 20     | 0.3       | 2.6     | 0.58  | 99        | 153.7135 | 67.3334 |
| 2009 | 6     | 2   | 5    | 31     | 20     | 0.3       | 2.6     | 0.62  | 94.3      | 153.7135 | 71.1666 |
| 2009 | 6     | 2   | 5    | 41     | 20     | 0.3       | 2.6     | 0.57  | 100       | 153.9154 | 65.3282 |
| 2009 | 6     | 2   | 5    | 51     | 20     | 0.3       | 2.6     | 0.61  | 98.4      | 153.9154 | 69.8644 |
| 2009 | 6     | 2   | 6    | 1      | 20     | 0.3       | 2.6     | 0.6   | 96.5      | 153.9154 | 69.8644 |
| 2009 | 6     | 2   | 6    | 11     | 20     | 0.3       | 2.6     | 0.61  | 93.7      | 153.9154 | 71.2601 |
| 2009 | 6     | 2   | 6    | 21     | 20     | 0.3       | 2.6     | 0.62  | 94.6      | 154.1174 | 71.3536 |
| 2009 | 6     | 2   | 6    | 31     | 20     | 0.3       | 2.6     | 0.66  | 97.1      | 154.1174 | 75.8957 |
| 2009 | 6     | 2   | 6    | 41     | 20     | 0.3       | 2.6     | 0.58  | 92.6      | 154.1174 | 67.5103 |
| 2009 | 6     | 2   | 6    | 51     | 20     | 0.3       | 2.6     | 0.57  | 94.7      | 154.1174 | 66.1127 |
| 2009 | 6     | 2   | 7    | 1      | 20     | 0.3       | 2.6     | 0.6   | 96.5      | 154.3195 | 70.0478 |
| 2009 | 6     | 2   | 7    | 11     | 20     | 0.3       | 2.6     | 0.58  | 98.2      | 154.3195 | 66.8991 |
| 2009 | 6     | 2   | 7    | 21     | 20     | 0.3       | 2.6     | 0.59  | 94.2      | 154.3195 | 68.2985 |
| 2009 | 6     | 2   | 7    | 31     | 20     | 0.3       | 2.6     | 0.61  | 97.8      | 154.3195 | 70.0478 |
| 2009 | 6     | 2   | 7    | 41     | 20     | 0.3       | 2.6     | 0.61  | 98.9      | 154.5217 | 70.8402 |
| 2009 | 6     | 2   | 7    | 51     | 20     | 0.3       | 2.6     | 0.54  | 97        | 154.5217 | 63.4837 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 2   | 8    | 1      | 20     | 0.3       | 2.6     | 0.64  | 99.1      | 154.5217 | 73.6426 |
| 2009 | 6     | 2   | 8    | 11     | 20     | 0.3       | 2.6     | 0.62  | 98.2      | 154.7239 | 71.9852 |
| 2009 | 6     | 2   | 8    | 21     | 20     | 0.3       | 2.6     | 0.57  | 98.2      | 154.7239 | 66.7237 |
| 2009 | 6     | 2   | 8    | 31     | 20     | 0.3       | 2.6     | 0.61  | 95.9      | 154.7239 | 70.9329 |
| 2009 | 6     | 2   | 8    | 41     | 20     | 0.3       | 2.6     | 0.6   | 98.8      | 154.9262 | 69.6208 |
| 2009 | 6     | 2   | 8    | 51     | 20     | 0.3       | 2.6     | 0.59  | 96.3      | 155.1287 | 69.36   |
| 2009 | 6     | 2   | 9    | 1      | 20     | 0.3       | 2.6     | 0.62  | 96.4      | 155.5338 | 72.362  |
| 2009 | 6     | 2   | 9    | 11     | 20     | 0.3       | 2.6     | 0.61  | 97.8      | 155.7365 | 70.691  |
| 2009 | 6     | 2   | 9    | 21     | 20     | 0.3       | 2.6     | 0.56  | 96.7      | 155.9392 | 66.1872 |
| 2009 | 6     | 2   | 9    | 31     | 20     | 0.3       | 2.6     | 0.61  | 100.6     | 155.9392 | 70.4295 |
| 2009 | 6     | 2   | 9    | 41     | 20     | 0.3       | 2.6     | 0.62  | 97.7      | 156.142  | 71.937  |
| 2009 | 6     | 2   | 9    | 51     | 20     | 0.3       | 2.6     | 0.56  | 101.5     | 156.142  | 65.2113 |
| 2009 | 6     | 2   | 10   | 1      | 20     | 0.3       | 2.6     | 0.58  | 97.5      | 156.142  | 67.6892 |
| 2009 | 6     | 2   | 10   | 11     | 20     | 0.3       | 2.6     | 0.58  | 94.5      | 156.345  | 68.8405 |
| 2009 | 6     | 2   | 10   | 21     | 20     | 0.3       | 2.6     | 0.61  | 99.3      | 156.345  | 70.9672 |
| 2009 | 6     | 2   | 10   | 31     | 20     | 0.3       | 2.6     | 0.59  | 96        | 156.548  | 69.9946 |
| 2009 | 6     | 2   | 10   | 41     | 20     | 0.3       | 2.6     | 0.59  | 96.7      | 156.548  | 69.2848 |
| 2009 | 6     | 2   | 10   | 51     | 20     | 0.3       | 2.6     | 0.59  | 99.6      | 156.548  | 69.2848 |
| 2009 | 6     | 2   | 11   | 1      | 20     | 0.3       | 2.6     | 0.59  | 99.7      | 156.548  | 68.575  |
| 2009 | 6     | 2   | 11   | 11     | 20     | 0.3       | 2.6     | 0.54  | 99.1      | 156.7511 | 64.0443 |
| 2009 | 6     | 2   | 11   | 21     | 20     | 0.3       | 2.6     | 0.56  | 98.4      | 156.7511 | 66.5318 |
| 2009 | 6     | 2   | 11   | 31     | 20     | 0.3       | 2.6     | 0.56  | 96.7      | 156.7511 | 66.8872 |
| 2009 | 6     | 2   | 11   | 41     | 20     | 0.3       | 2.6     | 0.62  | 96        | 156.7511 | 73.2837 |
| 2009 | 6     | 2   | 11   | 51     | 20     | 0.3       | 2.6     | 0.6   | 97.9      | 156.7511 | 70.4408 |
| 2009 | 6     | 2   | 12   | 1      | 20     | 0.3       | 2.6     | 0.59  | 100.9     | 156.9543 | 69.1088 |
| 2009 | 6     | 2   | 12   | 11     | 20     | 0.3       | 2.6     | 0.62  | 97.9      | 156.9543 | 73.0229 |
| 2009 | 6     | 2   | 12   | 21     | 20     | 0.3       | 2.6     | 0.61  | 97.7      | 157.1575 | 72.0486 |
| 2009 | 6     | 2   | 12   | 31     | 20     | 0.3       | 2.6     | 0.59  | 96.4      | 157.1575 | 69.5546 |
| 2009 | 6     | 2   | 12   | 41     | 20     | 0.3       | 2.6     | 0.61  | 99.7      | 157.1575 | 70.9797 |
| 2009 | 6     | 2   | 12   | 51     | 20     | 0.3       | 2.6     | 0.68  | 95.8      | 157.1575 | 79.1743 |
| 2009 | 6     | 2   | 13   | 1      | 20     | 0.3       | 2.6     | 0.61  | 99.3      | 157.3609 | 71.4283 |
| 2009 | 6     | 2   | 13   | 11     | 20     | 0.3       | 2.6     | 0.59  | 97.1      | 157.3609 | 69.2878 |
| 2009 | 6     | 2   | 13   | 21     | 20     | 0.3       | 2.6     | 0.59  | 96.4      | 157.3609 | 69.6446 |
| 2009 | 6     | 2   | 13   | 31     | 20     | 0.3       | 2.6     | 0.63  | 97.8      | 157.3609 | 73.9256 |
| 2009 | 6     | 2   | 13   | 41     | 20     | 0.3       | 2.6     | 0.61  | 98.6      | 157.5643 | 72.2351 |
| 2009 | 6     | 2   | 13   | 51     | 20     | 0.3       | 2.6     | 0.6   | 96.9      | 157.9715 | 71.3474 |
| 2009 | 6     | 2   | 14   | 1      | 20     | 0.3       | 2.6     | 0.61  | 96.5      | 157.9715 | 72.4217 |
| 2009 | 6     | 2   | 14   | 11     | 20     | 0.3       | 2.6     | 0.6   | 96.5      | 157.9715 | 71.7055 |
| 2009 | 6     | 2   | 14   | 21     | 20     | 0.3       | 2.6     | 0.61  | 95.6      | 158.1752 | 72.5151 |
| 2009 | 6     | 2   | 14   | 31     | 20     | 0.3       | 2.6     | 0.58  | 94.5      | 158.5828 | 69.4663 |
| 2009 | 6     | 2   | 14   | 41     | 20     | 0.3       | 2.6     | 0.58  | 97.8      | 158.3789 | 69.377  |
| 2009 | 6     | 2   | 14   | 51     | 20     | 0.3       | 2.6     | 0.6   | 98.1      | 158.5828 | 71.6234 |
| 2009 | 6     | 2   | 15   | 1      | 20     | 0.3       | 2.6     | 0.61  | 93.7      | 158.5828 | 73.0615 |
| 2009 | 6     | 2   | 15   | 11     | 20     | 0.3       | 2.6     | 0.6   | 98.5      | 158.9908 | 71.4473 |
| 2009 | 6     | 2   | 15   | 21     | 20     | 0.3       | 2.6     | 0.62  | 97.3      | 158.7868 | 73.8754 |
| 2009 | 6     | 2   | 15   | 31     | 20     | 0.3       | 2.6     | 0.6   | 96.2      | 158.9908 | 72.1681 |
| 2009 | 6     | 2   | 15   | 41     | 20     | 0.3       | 2.6     | 0.6   | 96        | 158.9908 | 71.4473 |
| 2009 | 6     | 2   | 15   | 51     | 20     | 0.3       | 2.6     | 0.68  | 95.3      | 159.1949 | 80.5616 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 2   | 16   | 1      | 20     | 0.3       | 2.6     | 0.64  | 95.6      | 159.3991 | 76.3285 |
| 2009 | 6     | 2   | 16   | 11     | 20     | 0.3       | 2.6     | 0.62  | 96.4      | 159.3991 | 73.799  |
| 2009 | 6     | 2   | 16   | 21     | 20     | 0.3       | 2.6     | 0.61  | 94.6      | 159.3991 | 73.0762 |
| 2009 | 6     | 2   | 16   | 31     | 20     | 0.3       | 2.6     | 0.6   | 97.9      | 159.3991 | 71.6308 |
| 2009 | 6     | 2   | 16   | 41     | 20     | 0.3       | 2.6     | 0.59  | 98        | 159.3991 | 70.908  |
| 2009 | 6     | 2   | 16   | 51     | 20     | 0.3       | 2.6     | 0.62  | 96.7      | 159.3991 | 73.799  |
| 2009 | 6     | 2   | 17   | 1      | 20     | 0.3       | 2.6     | 0.62  | 97.6      | 159.6034 | 73.8935 |
| 2009 | 6     | 2   | 17   | 11     | 20     | 0.3       | 2.6     | 0.59  | 96.4      | 159.6034 | 70.6371 |
| 2009 | 6     | 2   | 17   | 21     | 20     | 0.3       | 2.6     | 0.58  | 97.2      | 159.8078 | 69.2783 |
| 2009 | 6     | 2   | 17   | 31     | 20     | 0.3       | 2.6     | 0.63  | 94.5      | 159.6034 | 75.3409 |
| 2009 | 6     | 2   | 17   | 41     | 20     | 0.3       | 2.6     | 0.64  | 97.4      | 159.8078 | 76.1619 |
| 2009 | 6     | 2   | 17   | 51     | 20     | 0.3       | 2.6     | 0.63  | 96.3      | 159.8078 | 75.075  |
| 2009 | 6     | 2   | 18   | 1      | 20     | 0.3       | 2.6     | 0.6   | 97.9      | 159.8078 | 71.8144 |
| 2009 | 6     | 2   | 18   | 11     | 20     | 0.3       | 2.6     | 0.62  | 94.5      | 160.0122 | 74.8083 |
| 2009 | 6     | 2   | 18   | 21     | 20     | 0.3       | 2.6     | 0.63  | 99.9      | 160.0122 | 75.1711 |
| 2009 | 6     | 2   | 18   | 31     | 20     | 0.3       | 2.6     | 0.63  | 96.3      | 160.2168 | 75.6304 |
| 2009 | 6     | 2   | 18   | 41     | 20     | 0.3       | 2.6     | 0.57  | 93.9      | 160.4214 | 69.5443 |
| 2009 | 6     | 2   | 18   | 51     | 20     | 0.3       | 2.6     | 0.58  | 94.5      | 160.2168 | 70.5453 |
| 2009 | 6     | 2   | 19   | 1      | 20     | 0.3       | 2.6     | 0.6   | 95.6      | 160.2168 | 72.3614 |
| 2009 | 6     | 2   | 19   | 11     | 20     | 0.3       | 2.6     | 0.62  | 98.8      | 160.4214 | 74.2722 |
| 2009 | 6     | 2   | 19   | 21     | 20     | 0.3       | 2.6     | 0.63  | 94.8      | 160.4214 | 75.3633 |
| 2009 | 6     | 2   | 19   | 31     | 20     | 0.3       | 2.6     | 0.6   | 99.1      | 160.8309 | 72.6388 |
| 2009 | 6     | 2   | 19   | 41     | 20     | 0.3       | 2.6     | 0.61  | 95.6      | 161.0357 | 73.8265 |
| 2009 | 6     | 2   | 19   | 51     | 20     | 0.3       | 2.6     | 0.64  | 99.7      | 161.0357 | 76.7472 |
| 2009 | 6     | 2   | 20   | 1      | 20     | 0.3       | 2.6     | 0.6   | 96.9      | 161.2407 | 72.4583 |
| 2009 | 6     | 2   | 20   | 11     | 20     | 0.3       | 2.6     | 0.62  | 96.1      | 161.2407 | 74.6516 |
| 2009 | 6     | 2   | 20   | 21     | 20     | 0.3       | 2.6     | 0.63  | 95.4      | 161.4458 | 75.8446 |
| 2009 | 6     | 2   | 20   | 31     | 20     | 0.3       | 2.6     | 0.6   | 96.9      | 161.4458 | 72.9165 |
| 2009 | 6     | 2   | 20   | 41     | 20     | 0.3       | 2.6     | 0.64  | 95.3      | 161.6509 | 77.0403 |
| 2009 | 6     | 2   | 20   | 51     | 20     | 0.3       | 2.6     | 0.6   | 99.1      | 161.6509 | 72.6427 |
| 2009 | 6     | 2   | 21   | 1      | 20     | 0.3       | 2.6     | 0.58  | 96.9      | 161.6509 | 70.0774 |
| 2009 | 6     | 2   | 21   | 11     | 20     | 0.3       | 2.6     | 0.61  | 99.6      | 161.6509 | 73.7421 |
| 2009 | 6     | 2   | 21   | 21     | 20     | 0.3       | 2.6     | 0.58  | 100.7     | 161.6509 | 70.4438 |
| 2009 | 6     | 2   | 21   | 31     | 20     | 0.3       | 2.6     | 0.61  | 93.4      | 161.8561 | 74.5696 |
| 2009 | 6     | 2   | 21   | 41     | 20     | 0.3       | 2.6     | 0.64  | 100.7     | 161.8561 | 76.4043 |
| 2009 | 6     | 2   | 21   | 51     | 20     | 0.3       | 2.6     | 0.61  | 97        | 161.8561 | 74.5696 |
| 2009 | 6     | 2   | 22   | 1      | 20     | 0.3       | 2.6     | 0.65  | 94.4      | 161.8561 | 78.6059 |
| 2009 | 6     | 2   | 22   | 11     | 20     | 0.3       | 2.6     | 0.61  | 97.7      | 161.8561 | 74.2026 |
| 2009 | 6     | 2   | 22   | 21     | 20     | 0.3       | 2.6     | 0.61  | 95.6      | 161.8561 | 74.2026 |
| 2009 | 6     | 2   | 22   | 31     | 20     | 0.3       | 2.6     | 0.55  | 94.8      | 162.0614 | 67.6835 |
| 2009 | 6     | 2   | 22   | 41     | 20     | 0.3       | 2.6     | 0.62  | 95.7      | 162.2668 | 75.8624 |
| 2009 | 6     | 2   | 22   | 51     | 20     | 0.3       | 2.6     | 0.64  | 96.5      | 162.0614 | 77.6034 |
| 2009 | 6     | 2   | 23   | 1      | 20     | 0.3       | 2.6     | 0.59  | 96.7      | 162.2668 | 71.8158 |
| 2009 | 6     | 2   | 23   | 11     | 20     | 0.3       | 2.6     | 0.63  | 98.7      | 162.2668 | 75.8624 |
| 2009 | 6     | 2   | 23   | 21     | 20     | 0.3       | 2.6     | 0.63  | 96.6      | 162.4723 | 76.3268 |
| 2009 | 6     | 2   | 23   | 31     | 20     | 0.3       | 2.6     | 0.6   | 98.2      | 162.8835 | 72.8273 |
| 2009 | 6     | 2   | 23   | 41     | 20     | 0.3       | 2.6     | 0.6   | 97.6      | 162.8835 | 72.8273 |
| 2009 | 6     | 2   | 23   | 51     | 20     | 0.3       | 2.6     | 0.6   | 94.7      | 163.295  | 74.1219 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 3   | 0    | 1      | 20     | 0.3       | 2.6     | 0.62  | 97.9      | 163.5009 | 76.0687 |
| 2009 | 6     | 3   | 0    | 11     | 20     | 0.3       | 2.6     | 0.62  | 101       | 163.295  | 75.2325 |
| 2009 | 6     | 3   | 0    | 21     | 20     | 0.3       | 2.6     | 0.64  | 95.9      | 163.5009 | 78.6634 |
| 2009 | 6     | 3   | 0    | 31     | 20     | 0.3       | 2.6     | 0.61  | 94.9      | 163.5009 | 74.9567 |
| 2009 | 6     | 3   | 0    | 41     | 20     | 0.3       | 2.6     | 0.62  | 94.2      | 163.7069 | 76.5357 |
| 2009 | 6     | 3   | 0    | 51     | 20     | 0.3       | 2.6     | 0.64  | 95.3      | 163.7069 | 78.0202 |
| 2009 | 6     | 3   | 1    | 1      | 20     | 0.3       | 2.6     | 0.56  | 96        | 163.7069 | 69.8553 |
| 2009 | 6     | 3   | 1    | 11     | 20     | 0.3       | 2.6     | 0.6   | 96.3      | 163.9129 | 74.0308 |
| 2009 | 6     | 3   | 1    | 21     | 20     | 0.3       | 2.6     | 0.64  | 97.3      | 163.9129 | 78.49   |
| 2009 | 6     | 3   | 1    | 31     | 20     | 0.3       | 2.6     | 0.62  | 98.5      | 163.9129 | 76.2604 |
| 2009 | 6     | 3   | 1    | 41     | 20     | 0.3       | 2.6     | 0.61  | 96.4      | 164.1191 | 75.6122 |
| 2009 | 6     | 3   | 1    | 51     | 20     | 0.3       | 2.6     | 0.61  | 95.9      | 164.1191 | 74.868  |
| 2009 | 6     | 3   | 2    | 1      | 20     | 0.3       | 2.6     | 0.62  | 94.6      | 164.1191 | 75.9842 |
| 2009 | 6     | 3   | 2    | 11     | 20     | 0.3       | 2.6     | 0.63  | 101.4     | 164.1191 | 76.7284 |
| 2009 | 6     | 3   | 2    | 21     | 20     | 0.3       | 2.6     | 0.62  | 98.8      | 164.3253 | 76.0797 |
| 2009 | 6     | 3   | 2    | 31     | 20     | 0.3       | 2.6     | 0.58  | 98.1      | 164.3253 | 71.6093 |
| 2009 | 6     | 3   | 2    | 41     | 20     | 0.3       | 2.6     | 0.57  | 96.9      | 164.3253 | 70.8642 |
| 2009 | 6     | 3   | 2    | 51     | 20     | 0.3       | 3       | 0.64  | 100       | 164.5316 | 78.0403 |
| 2009 | 6     | 3   | 3    | 1      | 20     | 0.3       | 3       | 0.62  | 97.3      | 164.738  | 76.2708 |
| 2009 | 6     | 3   | 3    | 11     | 20     | 0.3       | 3       | 0.61  | 98        | 164.738  | 75.5239 |
| 2009 | 6     | 3   | 3    | 21     | 20     | 0.3       | 3       | 0.62  | 99.1      | 164.9445 | 76.3664 |
| 2009 | 6     | 3   | 3    | 31     | 20     | 0.3       | 3       | 0.59  | 93.5      | 165.1511 | 74.2156 |
| 2009 | 6     | 3   | 3    | 41     | 20     | 0.3       | 3       | 0.64  | 98.6      | 165.1511 | 78.3341 |
| 2009 | 6     | 3   | 3    | 51     | 20     | 0.3       | 3       | 0.59  | 97.7      | 165.3578 | 72.809  |
| 2009 | 6     | 3   | 4    | 1      | 20     | 0.3       | 3       | 0.6   | 95.6      | 165.5645 | 75.1521 |
| 2009 | 6     | 3   | 4    | 11     | 20     | 0.3       | 3       | 0.61  | 97.8      | 165.7713 | 75.2459 |
| 2009 | 6     | 3   | 4    | 21     | 20     | 0.3       | 3       | 0.64  | 96.2      | 165.7713 | 79.0041 |
| 2009 | 6     | 3   | 4    | 31     | 20     | 0.3       | 3       | 0.62  | 96.9      | 165.9782 | 77.5976 |
| 2009 | 6     | 3   | 4    | 41     | 20     | 0.3       | 3       | 0.61  | 100.5     | 165.9782 | 75.3399 |
| 2009 | 6     | 3   | 4    | 51     | 20     | 0.3       | 3       | 0.64  | 95.9      | 165.9782 | 79.1027 |
| 2009 | 6     | 3   | 5    | 1      | 20     | 0.3       | 3       | 0.61  | 96.1      | 166.1852 | 76.5641 |
| 2009 | 6     | 3   | 5    | 11     | 20     | 0.3       | 3       | 0.67  | 97.3      | 166.1852 | 83.3456 |
| 2009 | 6     | 3   | 5    | 21     | 20     | 0.3       | 3       | 0.65  | 95.8      | 166.1852 | 81.0851 |
| 2009 | 6     | 3   | 5    | 31     | 20     | 0.3       | 3       | 0.59  | 97.7      | 166.1852 | 73.1733 |
| 2009 | 6     | 3   | 5    | 41     | 20     | 0.3       | 3       | 0.66  | 96.6      | 166.3923 | 81.5634 |
| 2009 | 6     | 3   | 5    | 51     | 20     | 0.3       | 3       | 0.65  | 95.8      | 166.3923 | 80.4317 |
| 2009 | 6     | 3   | 6    | 1      | 20     | 0.3       | 3       | 0.63  | 97.1      | 166.3923 | 78.9228 |
| 2009 | 6     | 3   | 6    | 11     | 20     | 0.3       | 3       | 0.7   | 96.7      | 166.3923 | 86.8445 |
| 2009 | 6     | 3   | 6    | 21     | 20     | 0.3       | 3       | 0.63  | 94.5      | 166.5995 | 79.0211 |
| 2009 | 6     | 3   | 6    | 31     | 20     | 0.3       | 3       | 0.59  | 97        | 166.5995 | 73.7334 |
| 2009 | 6     | 3   | 6    | 41     | 20     | 0.3       | 3       | 0.59  | 96.7      | 166.8067 | 73.8251 |
| 2009 | 6     | 3   | 6    | 51     | 20     | 0.3       | 3       | 0.59  | 98.9      | 166.8067 | 73.8251 |
| 2009 | 6     | 3   | 7    | 1      | 20     | 0.3       | 3       | 0.62  | 96.4      | 167.0141 | 77.7032 |
| 2009 | 6     | 3   | 7    | 11     | 20     | 0.3       | 3       | 0.63  | 97.5      | 167.0141 | 78.8391 |
| 2009 | 6     | 3   | 7    | 21     | 20     | 0.3       | 3       | 0.64  | 97.4      | 167.429  | 79.4145 |
| 2009 | 6     | 3   | 7    | 31     | 20     | 0.3       | 3       | 0.59  | 95.4      | 167.6366 | 74.9525 |
| 2009 | 6     | 3   | 7    | 41     | 20     | 0.3       | 3       | 0.57  | 95.6      | 167.6366 | 72.2922 |
| 2009 | 6     | 3   | 7    | 51     | 20     | 0.3       | 3       | 0.63  | 96.6      | 167.8443 | 78.8505 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 3   | 8    | 1      | 20     | 0.3       | 3       | 0.65  | 99.6      | 168.052  | 81.234  |
| 2009 | 6     | 3   | 8    | 11     | 20     | 0.3       | 3       | 0.64  | 97.1      | 168.052  | 80.091  |
| 2009 | 6     | 3   | 8    | 21     | 20     | 0.3       | 3       | 0.58  | 96.1      | 168.2599 | 74.0868 |
| 2009 | 6     | 3   | 8    | 31     | 20     | 0.3       | 3       | 0.63  | 97.5      | 168.2599 | 78.6643 |
| 2009 | 6     | 3   | 8    | 41     | 20     | 0.3       | 3       | 0.66  | 97.4      | 168.4678 | 83.3446 |
| 2009 | 6     | 3   | 8    | 51     | 20     | 0.3       | 3       | 0.65  | 95.2      | 168.4678 | 82.1988 |
| 2009 | 6     | 3   | 9    | 1      | 20     | 0.3       | 3       | 0.6   | 97.8      | 168.4678 | 76.088  |
| 2009 | 6     | 3   | 9    | 11     | 20     | 0.3       | 3       | 0.6   | 99.8      | 168.4678 | 74.9422 |
| 2009 | 6     | 3   | 9    | 21     | 20     | 0.3       | 3       | 0.6   | 98.8      | 168.4678 | 75.706  |
| 2009 | 6     | 3   | 9    | 31     | 20     | 0.3       | 3       | 0.58  | 96.5      | 168.4678 | 73.4145 |
| 2009 | 6     | 3   | 9    | 41     | 20     | 0.3       | 3       | 0.63  | 99        | 168.6758 | 79.2411 |
| 2009 | 6     | 3   | 9    | 51     | 20     | 0.3       | 3       | 0.7   | 94        | 168.6758 | 88.0363 |
| 2009 | 6     | 3   | 10   | 1      | 20     | 0.3       | 3       | 0.68  | 98        | 168.6758 | 85.3595 |
| 2009 | 6     | 3   | 10   | 11     | 20     | 0.3       | 3       | 0.63  | 98.4      | 168.6758 | 78.8587 |
| 2009 | 6     | 3   | 10   | 21     | 20     | 0.3       | 3       | 0.59  | 94.5      | 168.8839 | 74.7444 |
| 2009 | 6     | 3   | 10   | 31     | 20     | 0.3       | 3       | 0.61  | 94.6      | 168.8839 | 77.4245 |
| 2009 | 6     | 3   | 10   | 41     | 20     | 0.3       | 3       | 0.63  | 93.9      | 168.8839 | 80.4875 |
| 2009 | 6     | 3   | 10   | 51     | 20     | 0.3       | 3       | 0.59  | 95.7      | 168.8839 | 75.1273 |
| 2009 | 6     | 3   | 11   | 1      | 20     | 0.3       | 3       | 0.66  | 98.5      | 169.0921 | 83.2701 |
| 2009 | 6     | 3   | 11   | 11     | 20     | 0.3       | 3       | 0.61  | 97.7      | 169.0921 | 77.1366 |
| 2009 | 6     | 3   | 11   | 21     | 20     | 0.3       | 3       | 0.6   | 97.5      | 169.0921 | 76.3699 |
| 2009 | 6     | 3   | 11   | 31     | 20     | 0.3       | 3       | 0.66  | 100.3     | 169.3004 | 82.9888 |
| 2009 | 6     | 3   | 11   | 41     | 20     | 0.3       | 3       | 0.65  | 96.4      | 169.3004 | 82.2212 |
| 2009 | 6     | 3   | 11   | 51     | 20     | 0.3       | 3       | 0.58  | 96.2      | 169.5087 | 73.8681 |
| 2009 | 6     | 3   | 12   | 1      | 20     | 0.3       | 3       | 0.62  | 95.8      | 169.5087 | 78.8638 |
| 2009 | 6     | 3   | 12   | 11     | 20     | 0.3       | 3       | 0.57  | 95.3      | 169.7171 | 73.5742 |
| 2009 | 6     | 3   | 12   | 21     | 20     | 0.3       | 3       | 0.62  | 97.3      | 169.9257 | 79.0578 |
| 2009 | 6     | 3   | 12   | 31     | 20     | 0.3       | 3       | 0.59  | 96.3      | 170.1343 | 76.0692 |
| 2009 | 6     | 3   | 12   | 41     | 20     | 0.3       | 3       | 0.64  | 94.4      | 170.343  | 81.9552 |
| 2009 | 6     | 3   | 12   | 51     | 20     | 0.3       | 3       | 0.66  | 98.3      | 170.343  | 83.1137 |
| 2009 | 6     | 3   | 13   | 1      | 20     | 0.3       | 3       | 0.57  | 97.6      | 170.5517 | 73.5493 |
| 2009 | 6     | 3   | 13   | 11     | 20     | 0.3       | 3       | 0.61  | 94.3      | 170.5517 | 78.5758 |
| 2009 | 6     | 3   | 13   | 21     | 20     | 0.3       | 3       | 0.67  | 98.8      | 170.7606 | 84.4789 |
| 2009 | 6     | 3   | 13   | 31     | 20     | 0.3       | 3       | 0.67  | 94.2      | 170.7606 | 85.2531 |
| 2009 | 6     | 3   | 13   | 41     | 20     | 0.3       | 3       | 0.63  | 97.5      | 170.5517 | 80.509  |
| 2009 | 6     | 3   | 13   | 51     | 20     | 0.3       | 3       | 0.62  | 98.5      | 170.7606 | 79.4463 |
| 2009 | 6     | 3   | 14   | 1      | 20     | 0.3       | 3       | 0.63  | 97.2      | 170.7606 | 80.2205 |
| 2009 | 6     | 3   | 14   | 11     | 20     | 0.3       | 3       | 0.61  | 93.7      | 170.7606 | 79.0591 |
| 2009 | 6     | 3   | 14   | 21     | 20     | 0.3       | 3       | 0.62  | 98.2      | 170.9695 | 79.5435 |
| 2009 | 6     | 3   | 14   | 31     | 20     | 0.3       | 3       | 0.65  | 97.3      | 170.9695 | 82.2566 |
| 2009 | 6     | 3   | 14   | 41     | 20     | 0.3       | 3       | 0.63  | 95.7      | 170.9695 | 81.0939 |
| 2009 | 6     | 3   | 14   | 51     | 20     | 0.3       | 3       | 0.6   | 99.2      | 171.1786 | 76.5361 |
| 2009 | 6     | 3   | 15   | 1      | 20     | 0.3       | 3       | 0.62  | 95.4      | 171.1786 | 80.0288 |
| 2009 | 6     | 3   | 15   | 11     | 20     | 0.3       | 3       | 0.57  | 97.7      | 171.1786 | 73.0435 |
| 2009 | 6     | 3   | 15   | 21     | 20     | 0.3       | 3       | 0.61  | 94.9      | 171.1786 | 78.8646 |
| 2009 | 6     | 3   | 15   | 31     | 20     | 0.3       | 3       | 0.61  | 96.5      | 171.3877 | 78.1838 |
| 2009 | 6     | 3   | 15   | 41     | 20     | 0.3       | 3       | 0.65  | 95.8      | 171.3877 | 82.8464 |
| 2009 | 6     | 3   | 15   | 51     | 20     | 0.3       | 3       | 0.59  | 96.7      | 171.3877 | 75.8526 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 3   | 16   | 1      | 20     | 0.3       | 3       | 0.59  | 96.4      | 171.3877 | 76.2411 |
| 2009 | 6     | 3   | 16   | 11     | 20     | 0.3       | 3       | 0.66  | 96.5      | 171.3877 | 84.7891 |
| 2009 | 6     | 3   | 16   | 21     | 20     | 0.3       | 3       | 0.62  | 96        | 171.3877 | 80.1266 |
| 2009 | 6     | 3   | 16   | 31     | 20     | 0.3       | 3       | 0.64  | 94.7      | 171.5969 | 82.1695 |
| 2009 | 6     | 3   | 16   | 41     | 20     | 0.3       | 3       | 0.65  | 95.8      | 171.8062 | 83.0487 |
| 2009 | 6     | 3   | 16   | 51     | 20     | 0.3       | 3       | 0.61  | 91.2      | 172.0155 | 78.8602 |
| 2009 | 6     | 3   | 17   | 1      | 20     | 0.3       | 3       | 0.64  | 95.9      | 172.225  | 82.8607 |
| 2009 | 6     | 3   | 17   | 11     | 20     | 0.3       | 3       | 0.62  | 95.4      | 172.6441 | 80.714  |
| 2009 | 6     | 3   | 17   | 21     | 20     | 0.3       | 3       | 0.58  | 93.6      | 172.8539 | 76.1096 |
| 2009 | 6     | 3   | 17   | 31     | 20     | 0.3       | 3       | 0.67  | 93.7      | 172.8539 | 86.2982 |
| 2009 | 6     | 3   | 17   | 41     | 20     | 0.3       | 3       | 0.61  | 92.8      | 173.0636 | 79.3407 |
| 2009 | 6     | 3   | 17   | 51     | 20     | 0.3       | 3       | 0.64  | 96.2      | 173.0636 | 82.8718 |
| 2009 | 6     | 3   | 18   | 1      | 20     | 0.3       | 3       | 0.62  | 96.1      | 173.2735 | 80.2226 |
| 2009 | 6     | 3   | 18   | 11     | 20     | 0.3       | 3       | 0.61  | 95.6      | 173.2735 | 79.0441 |
| 2009 | 6     | 3   | 18   | 21     | 20     | 0.3       | 3       | 0.63  | 97.8      | 173.2735 | 81.7939 |
| 2009 | 6     | 3   | 18   | 31     | 20     | 0.3       | 3       | 0.64  | 97.3      | 173.2735 | 82.9723 |
| 2009 | 6     | 3   | 18   | 41     | 20     | 0.3       | 3       | 0.62  | 96.3      | 173.2735 | 81.0082 |
| 2009 | 6     | 3   | 18   | 51     | 20     | 0.3       | 3       | 0.72  | 94.7      | 173.4835 | 92.9053 |
| 2009 | 6     | 3   | 19   | 1      | 20     | 0.3       | 3       | 0.64  | 95        | 173.4835 | 82.6796 |
| 2009 | 6     | 3   | 19   | 11     | 20     | 0.3       | 3       | 0.65  | 98.1      | 173.4835 | 84.2528 |
| 2009 | 6     | 3   | 19   | 21     | 20     | 0.3       | 3       | 0.61  | 96.2      | 173.4835 | 79.5332 |
| 2009 | 6     | 3   | 19   | 31     | 20     | 0.3       | 3       | 0.68  | 96.4      | 173.4835 | 87.7924 |
| 2009 | 6     | 3   | 19   | 41     | 20     | 0.3       | 3       | 0.63  | 95.9      | 173.4835 | 82.2863 |
| 2009 | 6     | 3   | 19   | 51     | 20     | 0.3       | 3       | 0.68  | 95.8      | 173.4835 | 87.7924 |
| 2009 | 6     | 3   | 20   | 1      | 20     | 0.3       | 3       | 0.69  | 96        | 173.4835 | 89.3656 |
| 2009 | 6     | 3   | 20   | 11     | 20     | 0.3       | 3       | 0.62  | 97        | 173.6935 | 80.417  |
| 2009 | 6     | 3   | 20   | 21     | 20     | 0.3       | 3       | 0.67  | 99.6      | 173.6935 | 86.3236 |
| 2009 | 6     | 3   | 20   | 31     | 20     | 0.3       | 3       | 0.71  | 93.7      | 173.6935 | 91.4427 |
| 2009 | 6     | 3   | 20   | 41     | 20     | 0.3       | 3       | 0.66  | 96.8      | 173.6935 | 85.9299 |
| 2009 | 6     | 3   | 20   | 51     | 20     | 0.3       | 3       | 0.65  | 98.7      | 173.6935 | 84.3548 |
| 2009 | 6     | 3   | 21   | 1      | 20     | 0.3       | 3       | 0.66  | 95.7      | 173.9037 | 85.2453 |
| 2009 | 6     | 3   | 21   | 11     | 20     | 0.3       | 3       | 0.63  | 97.5      | 173.9037 | 82.0913 |
| 2009 | 6     | 3   | 21   | 21     | 20     | 0.3       | 3       | 0.66  | 96        | 173.9037 | 85.2453 |
| 2009 | 6     | 3   | 21   | 31     | 20     | 0.3       | 3       | 0.67  | 98.2      | 173.9037 | 86.0338 |
| 2009 | 6     | 3   | 21   | 41     | 20     | 0.3       | 3       | 0.72  | 94.7      | 174.1139 | 93.2429 |
| 2009 | 6     | 3   | 21   | 51     | 20     | 0.3       | 3       | 0.65  | 96.3      | 174.1139 | 84.9536 |
| 2009 | 6     | 3   | 22   | 1      | 20     | 0.3       | 3       | 0.72  | 95.2      | 174.3242 | 93.7507 |
| 2009 | 6     | 3   | 22   | 11     | 20     | 0.3       | 3       | 0.65  | 97.2      | 174.5346 | 84.7632 |
| 2009 | 6     | 3   | 22   | 21     | 20     | 0.3       | 3       | 0.67  | 97.3      | 174.7451 | 86.8462 |
| 2009 | 6     | 3   | 22   | 31     | 20     | 0.3       | 3       | 0.7   | 97.2      | 174.7451 | 91.204  |
| 2009 | 6     | 3   | 22   | 41     | 20     | 0.3       | 3       | 0.69  | 96.9      | 174.9556 | 89.3307 |
| 2009 | 6     | 3   | 22   | 51     | 20     | 0.3       | 3       | 0.67  | 98.1      | 174.9556 | 87.3475 |
| 2009 | 6     | 3   | 23   | 1      | 20     | 0.3       | 3       | 0.73  | 95.4      | 174.9556 | 94.8836 |
| 2009 | 6     | 3   | 23   | 11     | 20     | 0.3       | 3       | 0.68  | 93.9      | 175.1662 | 88.644  |
| 2009 | 6     | 3   | 23   | 21     | 20     | 0.3       | 3       | 0.7   | 96.5      | 175.1662 | 90.6296 |
| 2009 | 6     | 3   | 23   | 31     | 20     | 0.3       | 3       | 0.66  | 94.6      | 175.1662 | 86.6584 |
| 2009 | 6     | 3   | 23   | 41     | 20     | 0.3       | 3       | 0.67  | 101       | 175.377  | 86.3651 |
| 2009 | 6     | 3   | 23   | 51     | 20     | 0.3       | 3       | 0.64  | 97        | 175.377  | 84.3772 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 4   | 0    | 1      | 20     | 0.3       | 3       | 0.66  | 96.6      | 175.377  | 85.9675 |
| 2009 | 6     | 4   | 0    | 11     | 20     | 0.3       | 3       | 0.65  | 96.7      | 175.377  | 85.1723 |
| 2009 | 6     | 4   | 0    | 21     | 20     | 0.3       | 3       | 0.7   | 99.1      | 175.377  | 91.1362 |
| 2009 | 6     | 4   | 0    | 31     | 20     | 0.3       | 3       | 0.68  | 95.2      | 175.377  | 89.1482 |
| 2009 | 6     | 4   | 0    | 41     | 20     | 0.3       | 3       | 0.63  | 97.8      | 175.377  | 82.7868 |
| 2009 | 6     | 4   | 0    | 51     | 20     | 0.3       | 3       | 0.64  | 93.8      | 175.5878 | 84.8766 |
| 2009 | 6     | 4   | 1    | 1      | 20     | 0.3       | 3       | 0.66  | 98.3      | 175.5878 | 86.4689 |
| 2009 | 6     | 4   | 1    | 11     | 20     | 0.3       | 3       | 0.62  | 99.4      | 175.5878 | 81.294  |
| 2009 | 6     | 4   | 1    | 21     | 20     | 0.3       | 3       | 0.69  | 96.5      | 175.5878 | 90.4496 |
| 2009 | 6     | 4   | 1    | 31     | 20     | 0.3       | 3       | 0.66  | 95.7      | 175.5878 | 86.0709 |
| 2009 | 6     | 4   | 1    | 41     | 20     | 0.3       | 3       | 0.65  | 95.5      | 175.5878 | 84.8766 |
| 2009 | 6     | 4   | 1    | 51     | 20     | 0.3       | 3       | 0.69  | 95.7      | 175.5878 | 90.0515 |
| 2009 | 6     | 4   | 2    | 1      | 20     | 0.3       | 3       | 0.71  | 95.1      | 175.5878 | 92.4399 |
| 2009 | 6     | 4   | 2    | 11     | 20     | 0.3       | 3       | 0.71  | 97.5      | 175.5878 | 92.0419 |
| 2009 | 6     | 4   | 2    | 21     | 20     | 0.3       | 3       | 0.62  | 94.3      | 175.5878 | 81.6921 |
| 2009 | 6     | 4   | 2    | 31     | 20     | 0.3       | 3       | 0.66  | 99.4      | 175.5878 | 86.0709 |
| 2009 | 6     | 4   | 2    | 41     | 20     | 0.3       | 3       | 0.63  | 98.9      | 175.5878 | 82.8863 |
| 2009 | 6     | 4   | 2    | 51     | 20     | 0.3       | 3       | 0.69  | 95.2      | 175.7987 | 90.1597 |
| 2009 | 6     | 4   | 3    | 1      | 20     | 0.3       | 3       | 0.68  | 96.9      | 175.7987 | 88.9641 |
| 2009 | 6     | 4   | 3    | 11     | 20     | 0.3       | 3       | 0.71  | 96.9      | 175.7987 | 92.1524 |
| 2009 | 6     | 4   | 3    | 21     | 20     | 0.3       | 3       | 0.66  | 99.1      | 175.7987 | 86.1742 |
| 2009 | 6     | 4   | 3    | 31     | 20     | 0.3       | 3       | 0.67  | 95.6      | 175.7987 | 88.167  |
| 2009 | 6     | 4   | 3    | 41     | 20     | 0.3       | 3       | 0.7   | 97.9      | 175.7987 | 90.5582 |
| 2009 | 6     | 4   | 3    | 51     | 20     | 0.3       | 3       | 0.69  | 99.9      | 175.7987 | 89.3626 |
| 2009 | 6     | 4   | 4    | 1      | 20     | 0.3       | 3       | 0.62  | 95.4      | 175.7987 | 82.1888 |
| 2009 | 6     | 4   | 4    | 11     | 20     | 0.3       | 3       | 0.7   | 97.9      | 176.0096 | 90.6669 |
| 2009 | 6     | 4   | 4    | 21     | 20     | 0.3       | 3       | 0.64  | 94.1      | 176.0096 | 84.2825 |
| 2009 | 6     | 4   | 4    | 31     | 20     | 0.3       | 3       | 0.67  | 97        | 176.0096 | 87.8737 |
| 2009 | 6     | 4   | 4    | 41     | 20     | 0.3       | 3       | 0.59  | 97.3      | 176.0096 | 78.2971 |
| 2009 | 6     | 4   | 4    | 51     | 20     | 0.3       | 3       | 0.64  | 97.1      | 176.0096 | 83.8835 |
| 2009 | 6     | 4   | 5    | 1      | 20     | 0.3       | 3       | 0.66  | 98        | 176.0096 | 86.2776 |
| 2009 | 6     | 4   | 5    | 11     | 20     | 0.3       | 3       | 0.76  | 98.2      | 176.0096 | 98.2484 |
| 2009 | 6     | 4   | 5    | 21     | 20     | 0.3       | 3       | 0.69  | 99        | 176.2207 | 89.9766 |
| 2009 | 6     | 4   | 5    | 31     | 20     | 0.3       | 3       | 0.71  | 96.4      | 176.4319 | 92.4843 |
| 2009 | 6     | 4   | 5    | 41     | 20     | 0.3       | 3       | 0.65  | 95.5      | 176.4319 | 85.2847 |
| 2009 | 6     | 4   | 5    | 51     | 20     | 0.3       | 3       | 0.67  | 98.4      | 176.6431 | 88.19   |
| 2009 | 6     | 4   | 6    | 1      | 20     | 0.3       | 3       | 0.65  | 98.2      | 176.8544 | 85.088  |
| 2009 | 6     | 4   | 6    | 11     | 20     | 0.3       | 3       | 0.63  | 96        | 176.8544 | 83.4842 |
| 2009 | 6     | 4   | 6    | 21     | 20     | 0.3       | 3       | 0.66  | 98        | 176.8544 | 87.0927 |
| 2009 | 6     | 4   | 6    | 31     | 20     | 0.3       | 3       | 0.67  | 99.6      | 177.0658 | 87.5982 |
| 2009 | 6     | 4   | 6    | 41     | 20     | 0.3       | 3       | 0.68  | 96.1      | 177.0658 | 89.6053 |
| 2009 | 6     | 4   | 6    | 51     | 20     | 0.3       | 3       | 0.68  | 96.1      | 177.0658 | 89.6053 |
| 2009 | 6     | 4   | 7    | 1      | 20     | 0.3       | 3       | 0.64  | 100.3     | 177.0658 | 84.3868 |
| 2009 | 6     | 4   | 7    | 11     | 20     | 0.3       | 3       | 0.7   | 97        | 177.0658 | 92.4152 |
| 2009 | 6     | 4   | 7    | 21     | 20     | 0.3       | 3       | 0.74  | 94.3      | 177.0658 | 96.8308 |
| 2009 | 6     | 4   | 7    | 31     | 20     | 0.3       | 3       | 0.64  | 95.6      | 177.2773 | 84.8895 |
| 2009 | 6     | 4   | 7    | 41     | 20     | 0.3       | 3       | 0.67  | 98.5      | 177.2773 | 87.7028 |
| 2009 | 6     | 4   | 7    | 51     | 20     | 0.3       | 3       | 0.66  | 95.7      | 177.2773 | 87.7028 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 4   | 8    | 1      | 20     | 0.3       | 3       | 0.69  | 98.5      | 177.2773 | 90.5161 |
| 2009 | 6     | 4   | 8    | 11     | 20     | 0.3       | 3       | 0.66  | 96.8      | 177.2773 | 87.7028 |
| 2009 | 6     | 4   | 8    | 21     | 20     | 0.3       | 3       | 0.7   | 97.8      | 177.2773 | 91.7218 |
| 2009 | 6     | 4   | 8    | 31     | 20     | 0.3       | 3       | 0.71  | 100.2     | 177.2773 | 92.1237 |
| 2009 | 6     | 4   | 8    | 41     | 20     | 0.3       | 3       | 0.62  | 96.4      | 177.4889 | 82.1742 |
| 2009 | 6     | 4   | 8    | 51     | 20     | 0.3       | 3       | 0.64  | 97.4      | 177.4889 | 84.5885 |
| 2009 | 6     | 4   | 9    | 1      | 20     | 0.3       | 3       | 0.69  | 97.9      | 177.4889 | 90.6242 |
| 2009 | 6     | 4   | 9    | 11     | 20     | 0.3       | 3       | 0.67  | 101.6     | 177.4889 | 87.4051 |
| 2009 | 6     | 4   | 9    | 21     | 20     | 0.3       | 3       | 0.64  | 98.5      | 177.4889 | 84.5885 |
| 2009 | 6     | 4   | 9    | 31     | 20     | 0.3       | 3       | 0.62  | 98.5      | 177.4889 | 82.5766 |
| 2009 | 6     | 4   | 9    | 41     | 20     | 0.3       | 3       | 0.63  | 96.2      | 177.4889 | 84.1861 |
| 2009 | 6     | 4   | 9    | 51     | 20     | 0.3       | 3       | 0.67  | 95.4      | 177.4889 | 88.2099 |
| 2009 | 6     | 4   | 10   | 1      | 20     | 0.3       | 3       | 0.63  | 97.5      | 177.4889 | 83.7837 |
| 2009 | 6     | 4   | 10   | 11     | 20     | 0.3       | 3       | 0.65  | 100.2     | 177.4889 | 84.9909 |
| 2009 | 6     | 4   | 10   | 21     | 20     | 0.3       | 3       | 0.62  | 97.9      | 177.7005 | 82.2722 |
| 2009 | 6     | 4   | 10   | 31     | 20     | 0.3       | 3       | 0.65  | 97.2      | 177.7005 | 86.7036 |
| 2009 | 6     | 4   | 10   | 41     | 20     | 0.3       | 3       | 0.64  | 98.3      | 177.7005 | 84.2865 |
| 2009 | 6     | 4   | 10   | 51     | 20     | 0.3       | 3       | 0.63  | 97.8      | 177.7005 | 83.4808 |
| 2009 | 6     | 4   | 11   | 1      | 20     | 0.3       | 3       | 0.65  | 97.3      | 177.7005 | 85.495  |
| 2009 | 6     | 4   | 11   | 11     | 20     | 0.3       | 3       | 0.67  | 98.5      | 177.7005 | 87.9122 |
| 2009 | 6     | 4   | 11   | 21     | 20     | 0.3       | 3       | 0.66  | 101.5     | 177.7005 | 85.8979 |
| 2009 | 6     | 4   | 11   | 31     | 20     | 0.3       | 3       | 0.65  | 97.6      | 177.7005 | 85.495  |
| 2009 | 6     | 4   | 11   | 41     | 20     | 0.3       | 3       | 0.69  | 99.1      | 177.7005 | 90.3293 |
| 2009 | 6     | 4   | 11   | 51     | 20     | 0.3       | 3       | 0.66  | 95.7      | 177.7005 | 87.5093 |
| 2009 | 6     | 4   | 12   | 1      | 20     | 0.3       | 3       | 0.68  | 99.4      | 177.7005 | 89.5236 |
| 2009 | 6     | 4   | 12   | 11     | 20     | 0.3       | 3       | 0.65  | 98.1      | 177.4889 | 85.7956 |
| 2009 | 6     | 4   | 12   | 21     | 20     | 0.3       | 3       | 0.65  | 96.7      | 177.4889 | 85.7956 |
| 2009 | 6     | 4   | 12   | 31     | 20     | 0.3       | 3       | 0.66  | 97.1      | 177.7005 | 87.5093 |
| 2009 | 6     | 4   | 12   | 41     | 20     | 0.3       | 3       | 0.63  | 98.9      | 177.7005 | 83.8836 |
| 2009 | 6     | 4   | 12   | 51     | 20     | 0.3       | 3       | 0.63  | 98.9      | 177.4889 | 83.7837 |
| 2009 | 6     | 4   | 13   | 1      | 20     | 0.3       | 3       | 0.66  | 99.4      | 177.4889 | 87.0028 |
| 2009 | 6     | 4   | 13   | 11     | 20     | 0.3       | 3       | 0.62  | 101.8     | 177.2773 | 81.6743 |
| 2009 | 6     | 4   | 13   | 21     | 20     | 0.3       | 3       | 0.63  | 95.4      | 177.4889 | 84.1861 |
| 2009 | 6     | 4   | 13   | 31     | 20     | 0.3       | 3       | 0.61  | 101.2     | 177.7005 | 80.2579 |
| 2009 | 6     | 4   | 13   | 41     | 20     | 0.3       | 3       | 0.64  | 97.6      | 177.7005 | 85.0922 |
| 2009 | 6     | 4   | 13   | 51     | 20     | 0.3       | 3       | 0.62  | 97.9      | 177.7005 | 82.2722 |
| 2009 | 6     | 4   | 14   | 1      | 20     | 0.3       | 3       | 0.6   | 97.2      | 177.7005 | 80.2579 |
| 2009 | 6     | 4   | 14   | 11     | 20     | 0.3       | 3       | 0.64  | 100.3     | 177.4889 | 84.1861 |
| 2009 | 6     | 4   | 14   | 21     | 20     | 0.3       | 3       | 0.59  | 96.4      | 177.4889 | 78.5528 |
| 2009 | 6     | 4   | 14   | 31     | 20     | 0.3       | 3       | 0.6   | 99.5      | 177.4889 | 79.3576 |
| 2009 | 6     | 4   | 14   | 41     | 20     | 0.3       | 3       | 0.62  | 101.9     | 177.4889 | 81.3695 |
| 2009 | 6     | 4   | 14   | 51     | 20     | 0.3       | 3       | 0.66  | 100.4     | 177.7005 | 86.3008 |
| 2009 | 6     | 4   | 15   | 1      | 20     | 0.3       | 3       | 0.61  | 98.4      | 177.2773 | 80.4687 |
| 2009 | 6     | 4   | 15   | 11     | 20     | 0.3       | 3       | 0.61  | 97.8      | 177.4889 | 80.5647 |
| 2009 | 6     | 4   | 15   | 21     | 20     | 0.3       | 3       | 0.57  | 96.9      | 177.4889 | 76.5409 |
| 2009 | 6     | 4   | 15   | 31     | 20     | 0.3       | 3       | 0.6   | 97.9      | 177.4889 | 79.7599 |
| 2009 | 6     | 4   | 15   | 41     | 20     | 0.3       | 3       | 0.63  | 97.8      | 177.2773 | 82.88   |
| 2009 | 6     | 4   | 15   | 51     | 20     | 0.3       | 3       | 0.58  | 97.4      | 177.2773 | 77.6554 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 4   | 16   | 1      | 20     | 0.3       | 3       | 0.63  | 96.9      | 177.4889 | 83.7837 |
| 2009 | 6     | 4   | 16   | 11     | 20     | 0.3       | 3       | 0.66  | 100       | 177.2773 | 86.4971 |
| 2009 | 6     | 4   | 16   | 21     | 20     | 0.3       | 3       | 0.68  | 98.6      | 177.2773 | 88.9085 |
| 2009 | 6     | 4   | 16   | 31     | 20     | 0.3       | 3       | 0.61  | 97.8      | 177.2773 | 80.4687 |
| 2009 | 6     | 4   | 16   | 41     | 20     | 0.3       | 3       | 0.65  | 97.6      | 177.2773 | 85.6933 |
| 2009 | 6     | 4   | 16   | 51     | 20     | 0.3       | 3       | 0.64  | 95.9      | 177.2773 | 84.8895 |
| 2009 | 6     | 4   | 17   | 1      | 20     | 0.3       | 3       | 0.61  | 96.4      | 177.0658 | 81.5769 |
| 2009 | 6     | 4   | 17   | 11     | 20     | 0.3       | 3       | 0.65  | 95.8      | 177.0658 | 85.9925 |
| 2009 | 6     | 4   | 17   | 21     | 20     | 0.3       | 3       | 0.59  | 97.7      | 177.0658 | 77.9641 |
| 2009 | 6     | 4   | 17   | 31     | 20     | 0.3       | 3       | 0.66  | 94.3      | 177.0658 | 87.1968 |
| 2009 | 6     | 4   | 17   | 41     | 20     | 0.3       | 3       | 0.61  | 99        | 177.0658 | 80.3727 |
| 2009 | 6     | 4   | 17   | 51     | 20     | 0.3       | 3       | 0.62  | 94.5      | 177.0658 | 82.7812 |
| 2009 | 6     | 4   | 18   | 1      | 20     | 0.3       | 3       | 0.63  | 98.4      | 176.8544 | 82.6823 |
| 2009 | 6     | 4   | 18   | 11     | 20     | 0.3       | 3       | 0.62  | 98.5      | 176.8544 | 82.2814 |
| 2009 | 6     | 4   | 18   | 21     | 20     | 0.3       | 3       | 0.6   | 97.9      | 176.8544 | 79.4748 |
| 2009 | 6     | 4   | 18   | 31     | 20     | 0.3       | 3       | 0.6   | 96.3      | 176.8544 | 79.8758 |
| 2009 | 6     | 4   | 18   | 41     | 20     | 0.3       | 3       | 0.6   | 95.9      | 176.6431 | 80.1808 |
| 2009 | 6     | 4   | 18   | 51     | 20     | 0.3       | 3       | 0.59  | 98.9      | 176.6431 | 78.1785 |
| 2009 | 6     | 4   | 19   | 1      | 20     | 0.3       | 3       | 0.64  | 97.3      | 176.6431 | 84.5858 |
| 2009 | 6     | 4   | 19   | 11     | 20     | 0.3       | 3       | 0.63  | 96.6      | 176.8544 | 83.0833 |
| 2009 | 6     | 4   | 19   | 21     | 20     | 0.3       | 3       | 0.65  | 97.8      | 176.6431 | 85.7872 |
| 2009 | 6     | 4   | 19   | 31     | 20     | 0.3       | 3       | 0.68  | 97.4      | 176.4319 | 89.6845 |
| 2009 | 6     | 4   | 19   | 41     | 20     | 0.3       | 3       | 0.67  | 97.1      | 176.4319 | 87.6846 |
| 2009 | 6     | 4   | 19   | 51     | 20     | 0.3       | 3       | 0.64  | 96.2      | 176.6431 | 84.5858 |
| 2009 | 6     | 4   | 20   | 1      | 20     | 0.3       | 3       | 0.62  | 95.8      | 176.4319 | 81.6848 |
| 2009 | 6     | 4   | 20   | 11     | 20     | 0.3       | 3       | 0.63  | 95.1      | 176.4319 | 82.8848 |
| 2009 | 6     | 4   | 20   | 21     | 20     | 0.3       | 3       | 0.64  | 95.9      | 176.4319 | 84.8847 |
| 2009 | 6     | 4   | 20   | 31     | 20     | 0.3       | 3       | 0.6   | 100.9     | 176.4319 | 79.285  |
| 2009 | 6     | 4   | 20   | 41     | 20     | 0.3       | 3       | 0.63  | 95.7      | 176.4319 | 82.8848 |
| 2009 | 6     | 4   | 20   | 51     | 20     | 0.3       | 3       | 0.62  | 95.8      | 176.2207 | 81.9866 |
| 2009 | 6     | 4   | 21   | 1      | 20     | 0.3       | 3       | 0.63  | 95.7      | 176.2207 | 83.5846 |
| 2009 | 6     | 4   | 21   | 11     | 20     | 0.3       | 3       | 0.6   | 97.8      | 176.2207 | 79.5895 |
| 2009 | 6     | 4   | 21   | 21     | 20     | 0.3       | 3       | 0.64  | 98.5      | 176.2207 | 83.9841 |
| 2009 | 6     | 4   | 21   | 31     | 20     | 0.3       | 3       | 0.65  | 96.7      | 176.0096 | 85.0806 |
| 2009 | 6     | 4   | 21   | 41     | 20     | 0.3       | 3       | 0.63  | 98.1      | 176.0096 | 82.6864 |
| 2009 | 6     | 4   | 21   | 51     | 20     | 0.3       | 3       | 0.66  | 100.6     | 176.0096 | 85.8786 |
| 2009 | 6     | 4   | 22   | 1      | 20     | 0.3       | 3       | 0.65  | 96.7      | 176.0096 | 85.0806 |
| 2009 | 6     | 4   | 22   | 11     | 20     | 0.3       | 3       | 0.64  | 94.7      | 176.0096 | 84.2825 |
| 2009 | 6     | 4   | 22   | 21     | 20     | 0.3       | 3       | 0.63  | 95.1      | 176.0096 | 83.0854 |
| 2009 | 6     | 4   | 22   | 31     | 20     | 0.3       | 3       | 0.63  | 94.1      | 176.0096 | 83.8835 |
| 2009 | 6     | 4   | 22   | 41     | 20     | 0.3       | 3       | 0.62  | 98.5      | 176.0096 | 81.4893 |
| 2009 | 6     | 4   | 22   | 51     | 20     | 0.3       | 3       | 0.62  | 97.4      | 175.7987 | 80.9931 |
| 2009 | 6     | 4   | 23   | 1      | 20     | 0.3       | 3       | 0.61  | 95.6      | 175.7987 | 80.196  |
| 2009 | 6     | 4   | 23   | 11     | 20     | 0.3       | 3       | 0.67  | 96.7      | 175.7987 | 87.7684 |
| 2009 | 6     | 4   | 23   | 21     | 20     | 0.3       | 3       | 0.61  | 97.8      | 175.7987 | 79.7975 |
| 2009 | 6     | 4   | 23   | 31     | 20     | 0.3       | 3       | 0.63  | 96.8      | 175.7987 | 83.3844 |
| 2009 | 6     | 4   | 23   | 41     | 20     | 0.3       | 3       | 0.64  | 95.9      | 175.7987 | 84.1815 |
| 2009 | 6     | 4   | 23   | 51     | 20     | 0.3       | 3       | 0.65  | 97.2      | 175.7987 | 85.7757 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 5   | 0    | 1      | 20     | 0.3       | 3       | 0.63  | 97.8      | 175.5878 | 82.4882 |
| 2009 | 6     | 5   | 0    | 11     | 20     | 0.3       | 3       | 0.61  | 101.4     | 175.5878 | 79.7018 |
| 2009 | 6     | 5   | 0    | 21     | 20     | 0.3       | 3       | 0.65  | 97.6      | 175.5878 | 84.4786 |
| 2009 | 6     | 5   | 0    | 31     | 20     | 0.3       | 3       | 0.65  | 97.8      | 175.5878 | 84.8766 |
| 2009 | 6     | 5   | 0    | 41     | 20     | 0.3       | 3       | 0.61  | 93.1      | 175.5878 | 80.4979 |
| 2009 | 6     | 5   | 0    | 51     | 20     | 0.3       | 3       | 0.67  | 99        | 175.5878 | 86.867  |
| 2009 | 6     | 5   | 1    | 1      | 20     | 0.3       | 3       | 0.63  | 97.1      | 175.377  | 83.1844 |
| 2009 | 6     | 5   | 1    | 11     | 20     | 0.3       | 3       | 0.63  | 96.2      | 175.377  | 83.1844 |
| 2009 | 6     | 5   | 1    | 21     | 20     | 0.3       | 3       | 0.68  | 96.4      | 175.377  | 88.3531 |
| 2009 | 6     | 5   | 1    | 31     | 20     | 0.3       | 3       | 0.62  | 97.7      | 175.377  | 80.7988 |
| 2009 | 6     | 5   | 1    | 41     | 20     | 0.3       | 3       | 0.64  | 97.9      | 175.377  | 83.9796 |
| 2009 | 6     | 5   | 1    | 51     | 20     | 0.3       | 3       | 0.62  | 97.3      | 175.377  | 81.594  |
| 2009 | 6     | 5   | 2    | 1      | 20     | 0.3       | 3       | 0.64  | 96.5      | 175.377  | 83.9796 |
| 2009 | 6     | 5   | 2    | 11     | 20     | 0.3       | 3       | 0.62  | 98.3      | 175.377  | 80.7988 |
| 2009 | 6     | 5   | 2    | 21     | 20     | 0.3       | 3       | 0.64  | 98.2      | 175.377  | 83.9796 |
| 2009 | 6     | 5   | 2    | 31     | 20     | 0.3       | 3       | 0.65  | 97.3      | 175.377  | 84.7747 |
| 2009 | 6     | 5   | 2    | 41     | 20     | 0.3       | 3       | 0.66  | 98.3      | 175.377  | 85.9675 |
| 2009 | 6     | 5   | 2    | 51     | 20     | 0.3       | 3       | 0.7   | 96.2      | 175.1662 | 91.0267 |
| 2009 | 6     | 5   | 3    | 1      | 20     | 0.3       | 3       | 0.64  | 98.3      | 175.1662 | 83.4816 |
| 2009 | 6     | 5   | 3    | 11     | 20     | 0.3       | 3       | 0.67  | 98.4      | 175.1662 | 87.4527 |
| 2009 | 6     | 5   | 3    | 21     | 20     | 0.3       | 3       | 0.67  | 98.7      | 175.1662 | 87.0556 |
| 2009 | 6     | 5   | 3    | 31     | 20     | 0.3       | 3       | 0.63  | 97.2      | 175.1662 | 82.2902 |
| 2009 | 6     | 5   | 3    | 41     | 20     | 0.3       | 3       | 0.69  | 97.4      | 175.1662 | 89.4382 |
| 2009 | 6     | 5   | 3    | 51     | 20     | 0.3       | 3       | 0.66  | 95.7      | 174.9556 | 86.5542 |
| 2009 | 6     | 5   | 4    | 1      | 20     | 0.3       | 3       | 0.64  | 97        | 175.1662 | 84.2758 |
| 2009 | 6     | 5   | 4    | 11     | 20     | 0.3       | 3       | 0.66  | 97.7      | 175.1662 | 85.8642 |
| 2009 | 6     | 5   | 4    | 21     | 20     | 0.3       | 3       | 0.66  | 96.3      | 175.1662 | 85.8642 |
| 2009 | 6     | 5   | 4    | 31     | 20     | 0.3       | 3       | 0.65  | 98.5      | 175.1662 | 84.2758 |
| 2009 | 6     | 5   | 4    | 41     | 20     | 0.3       | 3       | 0.65  | 97.3      | 174.9556 | 84.5711 |
| 2009 | 6     | 5   | 4    | 51     | 20     | 0.3       | 3       | 0.65  | 96.9      | 174.9556 | 85.3643 |
| 2009 | 6     | 5   | 5    | 1      | 20     | 0.3       | 3       | 0.67  | 100.2     | 174.9556 | 86.1576 |
| 2009 | 6     | 5   | 5    | 11     | 20     | 0.3       | 3       | 0.64  | 99.2      | 174.9556 | 82.9845 |
| 2009 | 6     | 5   | 5    | 21     | 20     | 0.3       | 3       | 0.66  | 95.7      | 174.9556 | 86.5542 |
| 2009 | 6     | 5   | 5    | 31     | 20     | 0.3       | 3       | 0.66  | 99.5      | 174.7451 | 84.8654 |
| 2009 | 6     | 5   | 5    | 41     | 20     | 0.3       | 3       | 0.61  | 101.1     | 174.7451 | 79.3192 |
| 2009 | 6     | 5   | 5    | 51     | 20     | 0.3       | 3       | 0.6   | 96        | 174.9556 | 79.0182 |
| 2009 | 6     | 5   | 6    | 1      | 20     | 0.3       | 3       | 0.64  | 100.1     | 174.9556 | 82.5879 |
| 2009 | 6     | 5   | 6    | 11     | 20     | 0.3       | 3       | 0.66  | 95.4      | 174.7451 | 86.4501 |
| 2009 | 6     | 5   | 6    | 21     | 20     | 0.3       | 3       | 0.63  | 97.2      | 174.7451 | 81.6962 |
| 2009 | 6     | 5   | 6    | 31     | 20     | 0.3       | 3       | 0.7   | 97        | 174.7451 | 90.8078 |
| 2009 | 6     | 5   | 6    | 41     | 20     | 0.3       | 3       | 0.66  | 95.5      | 174.7451 | 85.6578 |
| 2009 | 6     | 5   | 6    | 51     | 20     | 0.3       | 3       | 0.69  | 99.3      | 174.5346 | 88.72   |
| 2009 | 6     | 5   | 7    | 1      | 20     | 0.3       | 3       | 0.67  | 97.1      | 174.7451 | 86.8462 |
| 2009 | 6     | 5   | 7    | 11     | 20     | 0.3       | 3       | 0.66  | 98.6      | 174.5346 | 85.5546 |
| 2009 | 6     | 5   | 7    | 21     | 20     | 0.3       | 3       | 0.65  | 96.1      | 174.7451 | 85.2616 |
| 2009 | 6     | 5   | 7    | 31     | 20     | 0.3       | 3       | 0.69  | 96.3      | 174.5346 | 89.1157 |
| 2009 | 6     | 5   | 7    | 41     | 20     | 0.3       | 3       | 0.63  | 98.9      | 174.5346 | 82.3891 |
| 2009 | 6     | 5   | 7    | 51     | 20     | 0.3       | 3       | 0.66  | 96.9      | 174.5346 | 85.5546 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 5   | 8    | 1      | 20     | 0.3       | 3       | 0.72  | 96.8      | 174.5346 | 92.6768 |
| 2009 | 6     | 5   | 8    | 11     | 20     | 0.3       | 3       | 0.68  | 96.6      | 174.3242 | 88.6131 |
| 2009 | 6     | 5   | 8    | 21     | 20     | 0.3       | 3       | 0.65  | 96.9      | 174.1139 | 84.9536 |
| 2009 | 6     | 5   | 8    | 31     | 20     | 0.3       | 3       | 0.65  | 96.9      | 173.9037 | 84.8511 |
| 2009 | 6     | 5   | 8    | 41     | 20     | 0.3       | 3       | 0.62  | 100.6     | 173.6935 | 80.417  |
| 2009 | 6     | 5   | 8    | 51     | 20     | 0.3       | 3       | 0.69  | 97.1      | 173.6935 | 89.4738 |
| 2009 | 6     | 5   | 9    | 1      | 20     | 0.3       | 3       | 0.66  | 94.5      | 173.6935 | 86.3236 |
| 2009 | 6     | 5   | 9    | 11     | 20     | 0.3       | 3       | 0.68  | 96.7      | 173.4835 | 87.3991 |
| 2009 | 6     | 5   | 9    | 21     | 20     | 0.3       | 3       | 0.69  | 96        | 173.4835 | 88.579  |
| 2009 | 6     | 5   | 9    | 31     | 20     | 0.3       | 3       | 0.68  | 96.7      | 173.4835 | 87.3991 |
| 2009 | 6     | 5   | 9    | 41     | 20     | 0.3       | 3       | 0.65  | 97.9      | 173.4835 | 83.4662 |
| 2009 | 6     | 5   | 9    | 51     | 20     | 0.3       | 3       | 0.65  | 97.6      | 173.4835 | 83.4662 |
| 2009 | 6     | 5   | 10   | 1      | 20     | 0.3       | 3       | 0.61  | 99        | 173.2735 | 79.0441 |
| 2009 | 6     | 5   | 10   | 11     | 20     | 0.3       | 3       | 0.6   | 93.8      | 173.2735 | 77.8656 |
| 2009 | 6     | 5   | 10   | 21     | 20     | 0.3       | 3       | 0.67  | 97        | 173.2735 | 86.9005 |
| 2009 | 6     | 5   | 10   | 31     | 20     | 0.3       | 3       | 0.69  | 97.7      | 173.2735 | 88.079  |
| 2009 | 6     | 5   | 10   | 41     | 20     | 0.3       | 3       | 0.64  | 98.3      | 173.2735 | 82.1867 |
| 2009 | 6     | 5   | 10   | 51     | 20     | 0.3       | 3       | 0.63  | 97.5      | 173.2735 | 81.7939 |
| 2009 | 6     | 5   | 11   | 6      | 40     | 0.3       | 3       | 0.68  | 97        | 173.2735 | 87.2934 |
| 2009 | 6     | 5   | 11   | 16     | 40     | 0.3       | 3       | 0.66  | 96.8      | 173.2735 | 85.3292 |
| 2009 | 6     | 5   | 11   | 26     | 40     | 0.3       | 3       | 0.7   | 97.9      | 173.2735 | 89.2575 |
| 2009 | 6     | 5   | 11   | 36     | 40     | 0.3       | 3       | 0.69  | 97.1      | 173.2735 | 88.8646 |
| 2009 | 6     | 5   | 11   | 46     | 40     | 0.3       | 3       | 0.65  | 98.4      | 173.2735 | 84.1508 |
| 2009 | 6     | 5   | 11   | 56     | 40     | 0.3       | 3       | 0.59  | 96.4      | 173.0636 | 76.5943 |
| 2009 | 6     | 5   | 12   | 6      | 40     | 0.3       | 3       | 0.69  | 97.1      | 173.0636 | 88.757  |
| 2009 | 6     | 5   | 12   | 16     | 40     | 0.3       | 3       | 0.65  | 96.4      | 173.0636 | 83.6565 |
| 2009 | 6     | 5   | 12   | 26     | 40     | 0.3       | 3       | 0.72  | 96        | 173.0636 | 92.6805 |
| 2009 | 6     | 5   | 12   | 36     | 40     | 0.3       | 3       | 0.61  | 94        | 173.0636 | 79.7331 |
| 2009 | 6     | 5   | 12   | 46     | 40     | 0.3       | 3       | 0.66  | 98.3      | 173.0636 | 84.8336 |
| 2009 | 6     | 5   | 12   | 56     | 40     | 0.3       | 3       | 0.66  | 99.4      | 173.0636 | 84.8336 |
| 2009 | 6     | 5   | 13   | 6      | 40     | 0.3       | 3       | 0.61  | 98        | 173.0636 | 78.9484 |
| 2009 | 6     | 5   | 13   | 16     | 40     | 0.3       | 3       | 0.68  | 97.2      | 172.8539 | 87.8657 |
| 2009 | 6     | 5   | 13   | 26     | 40     | 0.3       | 3       | 0.67  | 97.6      | 172.8539 | 85.9063 |
| 2009 | 6     | 5   | 13   | 36     | 40     | 0.3       | 3       | 0.64  | 98.6      | 172.8539 | 81.9876 |
| 2009 | 6     | 5   | 13   | 46     | 40     | 0.3       | 3       | 0.64  | 99.5      | 172.8539 | 81.9876 |
| 2009 | 6     | 5   | 13   | 56     | 40     | 0.3       | 3       | 0.67  | 93.9      | 172.8539 | 87.0819 |
| 2009 | 6     | 5   | 14   | 6      | 40     | 0.3       | 3       | 0.62  | 96.9      | 172.8539 | 80.812  |
| 2009 | 6     | 5   | 14   | 16     | 40     | 0.3       | 3       | 0.69  | 95.5      | 172.6441 | 88.5419 |
| 2009 | 6     | 5   | 14   | 26     | 40     | 0.3       | 3       | 0.68  | 98        | 172.4345 | 87.2616 |
| 2009 | 6     | 5   | 14   | 36     | 40     | 0.3       | 3       | 0.73  | 98.8      | 172.225  | 92.2313 |
| 2009 | 6     | 5   | 14   | 46     | 40     | 0.3       | 3       | 0.69  | 98.2      | 172.0155 | 87.8295 |
| 2009 | 6     | 5   | 14   | 56     | 40     | 0.3       | 3       | 0.64  | 98        | 171.8062 | 81.4907 |
| 2009 | 6     | 5   | 15   | 6      | 40     | 0.3       | 3       | 0.7   | 95.7      | 171.8062 | 88.8911 |
| 2009 | 6     | 5   | 15   | 16     | 40     | 0.3       | 3       | 0.63  | 95.9      | 171.8062 | 81.4907 |
| 2009 | 6     | 5   | 15   | 26     | 40     | 0.3       | 3       | 0.63  | 100.4     | 171.8062 | 80.7117 |
| 2009 | 6     | 5   | 15   | 36     | 40     | 0.3       | 3       | 0.66  | 97.5      | 171.5969 | 83.7255 |
| 2009 | 6     | 5   | 15   | 46     | 40     | 0.3       | 3       | 0.63  | 100.3     | 171.5969 | 79.8353 |
| 2009 | 6     | 5   | 15   | 56     | 40     | 0.3       | 3       | 0.65  | 94.7      | 171.5969 | 82.9475 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 5   | 16   | 6      | 40     | 0.3       | 3       | 0.65  | 97.3      | 171.5969 | 82.9475 |
| 2009 | 6     | 5   | 16   | 16     | 40     | 0.3       | 3       | 0.63  | 99.4      | 171.5969 | 79.8353 |
| 2009 | 6     | 5   | 16   | 26     | 40     | 0.3       | 3       | 0.69  | 98.2      | 171.3877 | 87.1204 |
| 2009 | 6     | 5   | 16   | 36     | 40     | 0.3       | 3       | 0.69  | 97.3      | 171.3877 | 88.286  |
| 2009 | 6     | 5   | 16   | 46     | 40     | 0.3       | 3       | 0.66  | 98.5      | 171.3877 | 84.4006 |
| 2009 | 6     | 5   | 16   | 56     | 40     | 0.3       | 3       | 0.65  | 95.5      | 171.3877 | 83.2349 |
| 2009 | 6     | 5   | 17   | 6      | 40     | 0.3       | 3       | 0.68  | 98.4      | 171.3877 | 85.9548 |
| 2009 | 6     | 5   | 17   | 16     | 40     | 0.3       | 3       | 0.71  | 97.2      | 171.3877 | 90.2288 |
| 2009 | 6     | 5   | 17   | 26     | 40     | 0.3       | 3       | 0.64  | 94.4      | 171.3877 | 81.6807 |
| 2009 | 6     | 5   | 17   | 36     | 40     | 0.3       | 3       | 0.66  | 95.1      | 171.1786 | 84.6857 |
| 2009 | 6     | 5   | 17   | 46     | 40     | 0.3       | 3       | 0.67  | 98.8      | 171.1786 | 84.6857 |
| 2009 | 6     | 5   | 17   | 56     | 40     | 0.3       | 3       | 0.66  | 97.4      | 171.1786 | 83.9095 |
| 2009 | 6     | 5   | 18   | 6      | 40     | 0.3       | 3       | 0.67  | 99.8      | 171.1786 | 85.0737 |
| 2009 | 6     | 5   | 18   | 16     | 40     | 0.3       | 3       | 0.67  | 95.4      | 171.1786 | 85.0737 |
| 2009 | 6     | 5   | 18   | 26     | 40     | 0.3       | 3       | 0.66  | 96.6      | 171.1786 | 83.9095 |
| 2009 | 6     | 5   | 18   | 36     | 40     | 0.3       | 3       | 0.7   | 95.4      | 171.1786 | 89.3425 |
| 2009 | 6     | 5   | 18   | 46     | 40     | 0.3       | 3       | 0.71  | 101.2     | 170.9695 | 88.8458 |
| 2009 | 6     | 5   | 18   | 56     | 40     | 0.3       | 3       | 0.66  | 98.9      | 170.9695 | 83.4194 |
| 2009 | 6     | 5   | 19   | 6      | 40     | 0.3       | 3       | 0.66  | 96.5      | 170.9695 | 84.5822 |
| 2009 | 6     | 5   | 19   | 16     | 40     | 0.3       | 3       | 0.67  | 95        | 170.7606 | 85.6403 |
| 2009 | 6     | 5   | 19   | 26     | 40     | 0.3       | 3       | 0.7   | 94        | 170.7606 | 88.7373 |
| 2009 | 6     | 5   | 19   | 36     | 40     | 0.3       | 3       | 0.7   | 97.8      | 170.7606 | 88.7373 |
| 2009 | 6     | 5   | 19   | 46     | 40     | 0.3       | 3       | 0.63  | 94.5      | 170.7606 | 80.9948 |
| 2009 | 6     | 5   | 19   | 56     | 40     | 0.3       | 3       | 0.7   | 96.4      | 170.7606 | 89.1244 |
| 2009 | 6     | 5   | 20   | 6      | 40     | 0.3       | 3       | 0.67  | 97.1      | 170.5517 | 84.7622 |
| 2009 | 6     | 5   | 20   | 16     | 40     | 0.3       | 3       | 0.66  | 96.5      | 170.5517 | 84.3755 |
| 2009 | 6     | 5   | 20   | 26     | 40     | 0.3       | 3       | 0.64  | 97.6      | 170.5517 | 81.669  |
| 2009 | 6     | 5   | 20   | 36     | 40     | 0.3       | 3       | 0.64  | 96.2      | 170.5517 | 81.2823 |
| 2009 | 6     | 5   | 20   | 46     | 40     | 0.3       | 3       | 0.75  | 99.6      | 170.343  | 93.1544 |
| 2009 | 6     | 5   | 20   | 56     | 40     | 0.3       | 3       | 0.67  | 95.7      | 170.343  | 84.6584 |
| 2009 | 6     | 5   | 21   | 6      | 40     | 0.3       | 3       | 0.64  | 98.5      | 170.343  | 81.569  |
| 2009 | 6     | 5   | 21   | 16     | 40     | 0.3       | 3       | 0.63  | 97.8      | 170.343  | 80.4105 |
| 2009 | 6     | 5   | 21   | 26     | 40     | 0.3       | 3       | 0.66  | 96.6      | 170.1343 | 83.3976 |
| 2009 | 6     | 5   | 21   | 36     | 40     | 0.3       | 3       | 0.68  | 98.3      | 170.1343 | 85.7119 |
| 2009 | 6     | 5   | 21   | 46     | 40     | 0.3       | 3       | 0.67  | 96.7      | 169.9257 | 84.8363 |
| 2009 | 6     | 5   | 21   | 56     | 40     | 0.3       | 3       | 0.68  | 95.5      | 169.9257 | 86.3772 |
| 2009 | 6     | 5   | 22   | 6      | 40     | 0.3       | 3       | 0.66  | 97.4      | 169.7171 | 83.1931 |
| 2009 | 6     | 5   | 22   | 16     | 40     | 0.3       | 3       | 0.67  | 97        | 169.5087 | 85.0124 |
| 2009 | 6     | 5   | 22   | 26     | 40     | 0.3       | 3       | 0.67  | 97.3      | 169.3004 | 84.1403 |
| 2009 | 6     | 5   | 22   | 36     | 40     | 0.3       | 3       | 0.64  | 97.4      | 169.3004 | 80.3021 |
| 2009 | 6     | 5   | 22   | 46     | 40     | 0.3       | 3       | 0.65  | 94        | 169.0921 | 82.5034 |
| 2009 | 6     | 5   | 22   | 56     | 40     | 0.3       | 3       | 0.67  | 98.2      | 169.0921 | 84.0368 |
| 2009 | 6     | 5   | 23   | 6      | 40     | 0.3       | 3       | 0.64  | 98.5      | 169.0921 | 80.97   |
| 2009 | 6     | 5   | 23   | 16     | 40     | 0.3       | 3       | 0.68  | 98.1      | 169.0921 | 84.8035 |
| 2009 | 6     | 5   | 23   | 26     | 40     | 0.3       | 3       | 0.68  | 99.2      | 168.8839 | 84.699  |
| 2009 | 6     | 5   | 23   | 36     | 40     | 0.3       | 3       | 0.67  | 95.3      | 168.8839 | 84.3162 |
| 2009 | 6     | 5   | 23   | 46     | 40     | 0.3       | 3       | 0.7   | 96.7      | 168.8839 | 88.1449 |
| 2009 | 6     | 5   | 23   | 56     | 40     | 0.3       | 3       | 0.65  | 95.8      | 168.8839 | 82.019  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 6   | 0    | 6      | 40     | 0.3       | 3       | 0.67  | 99.6      | 168.6758 | 83.4475 |
| 2009 | 6     | 6   | 0    | 16     | 40     | 0.3       | 3       | 0.69  | 95.5      | 168.6758 | 86.5067 |
| 2009 | 6     | 6   | 0    | 26     | 40     | 0.3       | 3       | 0.62  | 97        | 168.6758 | 78.0939 |
| 2009 | 6     | 6   | 0    | 36     | 40     | 0.3       | 3       | 0.65  | 96.9      | 168.6758 | 82.3003 |
| 2009 | 6     | 6   | 0    | 46     | 40     | 0.3       | 3       | 0.72  | 96.5      | 168.6758 | 89.9483 |
| 2009 | 6     | 6   | 0    | 56     | 40     | 0.3       | 3       | 0.64  | 97.4      | 168.6758 | 80.3883 |
| 2009 | 6     | 6   | 1    | 6      | 40     | 0.3       | 3       | 0.67  | 96.5      | 168.4678 | 83.7265 |
| 2009 | 6     | 6   | 1    | 16     | 40     | 0.3       | 3       | 0.69  | 97.9      | 168.4678 | 86.4    |
| 2009 | 6     | 6   | 1    | 26     | 40     | 0.3       | 3       | 0.68  | 97.2      | 168.4678 | 85.6361 |
| 2009 | 6     | 6   | 1    | 36     | 40     | 0.3       | 3       | 0.68  | 95.2      | 168.4678 | 85.6361 |
| 2009 | 6     | 6   | 1    | 46     | 40     | 0.3       | 3       | 0.71  | 95.3      | 168.4678 | 88.6916 |
| 2009 | 6     | 6   | 1    | 56     | 40     | 0.3       | 3       | 0.72  | 98.9      | 168.4678 | 89.0735 |
| 2009 | 6     | 6   | 2    | 6      | 40     | 0.3       | 3       | 0.67  | 97        | 168.4678 | 84.4904 |
| 2009 | 6     | 6   | 2    | 16     | 40     | 0.3       | 3       | 0.61  | 95.8      | 168.2599 | 77.5199 |
| 2009 | 6     | 6   | 2    | 26     | 40     | 0.3       | 3       | 0.66  | 96        | 168.2599 | 82.8603 |
| 2009 | 6     | 6   | 2    | 36     | 40     | 0.3       | 3       | 0.67  | 97.1      | 168.2599 | 83.6232 |
| 2009 | 6     | 6   | 2    | 46     | 40     | 0.3       | 3       | 0.66  | 94        | 168.2599 | 83.6232 |
| 2009 | 6     | 6   | 2    | 56     | 40     | 0.3       | 3       | 0.66  | 96.6      | 168.2599 | 82.4788 |
| 2009 | 6     | 6   | 3    | 6      | 40     | 0.3       | 3       | 0.66  | 97.8      | 168.2599 | 82.0974 |
| 2009 | 6     | 6   | 3    | 16     | 40     | 0.3       | 3       | 0.73  | 98.1      | 168.052  | 89.9966 |
| 2009 | 6     | 6   | 3    | 26     | 40     | 0.3       | 3       | 0.69  | 96.3      | 168.052  | 86.1868 |
| 2009 | 6     | 6   | 3    | 36     | 40     | 0.3       | 3       | 0.65  | 96.4      | 168.052  | 81.234  |
| 2009 | 6     | 6   | 3    | 46     | 40     | 0.3       | 3       | 0.72  | 98.1      | 168.052  | 89.2346 |
| 2009 | 6     | 6   | 3    | 56     | 40     | 0.3       | 3       | 0.69  | 97.4      | 168.052  | 85.8058 |
| 2009 | 6     | 6   | 4    | 6      | 40     | 0.3       | 3       | 0.65  | 99.3      | 168.052  | 80.853  |
| 2009 | 6     | 6   | 4    | 16     | 40     | 0.3       | 3       | 0.65  | 97.8      | 168.052  | 81.234  |
| 2009 | 6     | 6   | 4    | 26     | 40     | 0.3       | 3       | 0.68  | 97.5      | 167.8443 | 84.1777 |
| 2009 | 6     | 6   | 4    | 36     | 40     | 0.3       | 3       | 0.71  | 98.5      | 167.8443 | 87.9828 |
| 2009 | 6     | 6   | 4    | 46     | 40     | 0.3       | 3       | 0.66  | 95.7      | 167.8443 | 82.6556 |
| 2009 | 6     | 6   | 4    | 56     | 40     | 0.3       | 3       | 0.69  | 95.5      | 167.8443 | 86.0802 |
| 2009 | 6     | 6   | 5    | 6      | 40     | 0.3       | 3       | 0.69  | 98.5      | 167.8443 | 85.3192 |
| 2009 | 6     | 6   | 5    | 16     | 40     | 0.3       | 3       | 0.68  | 95.6      | 167.6366 | 84.4535 |
| 2009 | 6     | 6   | 5    | 26     | 40     | 0.3       | 3       | 0.67  | 97.3      | 167.6366 | 84.0735 |
| 2009 | 6     | 6   | 5    | 36     | 40     | 0.3       | 3       | 0.69  | 96        | 167.6366 | 85.5937 |
| 2009 | 6     | 6   | 5    | 46     | 40     | 0.3       | 3       | 0.64  | 100.1     | 167.429  | 79.0349 |
| 2009 | 6     | 6   | 5    | 56     | 40     | 0.3       | 3       | 0.75  | 97.6      | 167.429  | 92.32   |
| 2009 | 6     | 6   | 6    | 6      | 40     | 0.3       | 3       | 0.68  | 99.4      | 167.429  | 84.7285 |
| 2009 | 6     | 6   | 6    | 16     | 40     | 0.3       | 3       | 0.66  | 97.7      | 167.429  | 82.0715 |
| 2009 | 6     | 6   | 6    | 26     | 40     | 0.3       | 3       | 0.7   | 100       | 167.2215 | 85.7608 |
| 2009 | 6     | 6   | 6    | 36     | 40     | 0.3       | 3       | 0.7   | 96.8      | 167.2215 | 86.519  |
| 2009 | 6     | 6   | 6    | 46     | 40     | 0.3       | 3       | 0.72  | 97.5      | 167.0141 | 89.4408 |
| 2009 | 6     | 6   | 6    | 56     | 40     | 0.3       | 3       | 0.73  | 97.5      | 167.0141 | 89.8194 |
| 2009 | 6     | 6   | 7    | 6      | 40     | 0.3       | 3       | 0.67  | 98.7      | 166.8067 | 82.901  |
| 2009 | 6     | 6   | 7    | 16     | 40     | 0.3       | 3       | 0.65  | 96.4      | 166.5995 | 80.5318 |
| 2009 | 6     | 6   | 7    | 26     | 40     | 0.3       | 3       | 0.69  | 94.9      | 166.3923 | 85.7128 |
| 2009 | 6     | 6   | 7    | 36     | 40     | 0.3       | 3       | 0.67  | 97.9      | 166.3923 | 82.695  |
| 2009 | 6     | 6   | 7    | 46     | 40     | 0.3       | 3       | 0.72  | 95.2      | 166.1852 | 88.6201 |
| 2009 | 6     | 6   | 7    | 56     | 40     | 0.3       | 3       | 0.71  | 98        | 166.1852 | 86.7364 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 6   | 8    | 6      | 40     | 0.3       | 3       | 0.67  | 98.2      | 166.1852 | 82.2153 |
| 2009 | 6     | 6   | 8    | 16     | 40     | 0.3       | 3       | 0.64  | 95.9      | 166.1852 | 79.2013 |
| 2009 | 6     | 6   | 8    | 26     | 40     | 0.3       | 3       | 0.7   | 97.5      | 165.9782 | 86.2521 |
| 2009 | 6     | 6   | 8    | 36     | 40     | 0.3       | 3       | 0.65  | 96.9      | 165.9782 | 80.6078 |
| 2009 | 6     | 6   | 8    | 46     | 40     | 0.3       | 3       | 0.65  | 96.4      | 165.9782 | 80.2315 |
| 2009 | 6     | 6   | 8    | 56     | 40     | 0.3       | 3       | 0.65  | 95.5      | 165.9782 | 80.2315 |
| 2009 | 6     | 6   | 9    | 6      | 40     | 0.3       | 3       | 0.67  | 96.4      | 165.7713 | 83.138  |
| 2009 | 6     | 6   | 9    | 16     | 40     | 0.3       | 3       | 0.56  | 96.4      | 165.7713 | 70.3604 |
| 2009 | 6     | 6   | 9    | 26     | 40     | 0.3       | 3       | 0.64  | 94.1      | 165.7713 | 80.1315 |
| 2009 | 6     | 6   | 9    | 36     | 40     | 0.3       | 3       | 0.71  | 96.6      | 165.7713 | 87.6478 |
| 2009 | 6     | 6   | 9    | 46     | 40     | 0.3       | 3       | 0.68  | 95.3      | 165.7713 | 83.8897 |
| 2009 | 6     | 6   | 9    | 56     | 40     | 0.3       | 3       | 0.62  | 97.9      | 165.7713 | 76.7492 |
| 2009 | 6     | 6   | 10   | 6      | 40     | 0.3       | 3       | 0.67  | 96.4      | 165.7713 | 83.138  |
| 2009 | 6     | 6   | 10   | 16     | 40     | 0.3       | 3       | 0.68  | 97.8      | 165.5645 | 83.4096 |
| 2009 | 6     | 6   | 10   | 26     | 40     | 0.3       | 3       | 0.64  | 97.3      | 165.5645 | 79.2808 |
| 2009 | 6     | 6   | 10   | 36     | 40     | 0.3       | 3       | 0.62  | 97.3      | 165.5645 | 77.0288 |
| 2009 | 6     | 6   | 10   | 46     | 40     | 0.3       | 3       | 0.65  | 97.5      | 165.5645 | 80.4069 |
| 2009 | 6     | 6   | 10   | 56     | 40     | 0.3       | 3       | 0.63  | 97.5      | 165.3578 | 78.0572 |
| 2009 | 6     | 6   | 11   | 6      | 40     | 0.3       | 3       | 0.68  | 98.3      | 165.3578 | 83.3055 |
| 2009 | 6     | 6   | 11   | 16     | 40     | 0.3       | 3       | 0.66  | 94        | 165.3578 | 81.806  |
| 2009 | 6     | 6   | 11   | 26     | 40     | 0.3       | 3       | 0.65  | 98.5      | 165.3578 | 79.5567 |
| 2009 | 6     | 6   | 11   | 36     | 40     | 0.3       | 3       | 0.68  | 95.6      | 165.3578 | 83.3055 |
| 2009 | 6     | 6   | 11   | 46     | 40     | 0.3       | 3       | 0.68  | 94.4      | 165.1511 | 83.5758 |
| 2009 | 6     | 6   | 11   | 56     | 40     | 0.3       | 3       | 0.66  | 99.7      | 165.1511 | 80.9549 |
| 2009 | 6     | 6   | 12   | 6      | 40     | 0.3       | 3       | 0.69  | 96.9      | 165.1511 | 84.3246 |
| 2009 | 6     | 6   | 12   | 16     | 40     | 0.3       | 3       | 0.65  | 96.1      | 164.9445 | 80.1058 |
| 2009 | 6     | 6   | 12   | 26     | 40     | 0.3       | 3       | 0.65  | 100.1     | 164.5316 | 79.5323 |
| 2009 | 6     | 6   | 12   | 36     | 40     | 0.3       | 2.6     | 0.66  | 99.8      | 164.3253 | 79.8051 |
| 2009 | 6     | 6   | 12   | 46     | 40     | 0.3       | 2.6     | 0.7   | 99.1      | 164.3253 | 85.3931 |
| 2009 | 6     | 6   | 12   | 56     | 40     | 0.3       | 2.6     | 0.63  | 94.2      | 164.1191 | 77.8446 |
| 2009 | 6     | 6   | 13   | 6      | 40     | 0.3       | 2.6     | 0.63  | 97.5      | 164.1191 | 77.1004 |
| 2009 | 6     | 6   | 13   | 16     | 40     | 0.3       | 2.6     | 0.65  | 94.9      | 164.1191 | 79.7049 |
| 2009 | 6     | 6   | 13   | 26     | 40     | 0.3       | 2.6     | 0.65  | 97.3      | 164.1191 | 78.9608 |
| 2009 | 6     | 6   | 13   | 36     | 40     | 0.3       | 2.6     | 0.66  | 97.4      | 164.1191 | 81.1932 |
| 2009 | 6     | 6   | 13   | 46     | 40     | 0.3       | 2.6     | 0.65  | 95.8      | 163.9129 | 79.6048 |
| 2009 | 6     | 6   | 13   | 56     | 40     | 0.3       | 2.6     | 0.63  | 97.1      | 163.9129 | 77.7468 |
| 2009 | 6     | 6   | 14   | 6      | 40     | 0.3       | 2.6     | 0.65  | 97.9      | 163.9129 | 78.8616 |
| 2009 | 6     | 6   | 14   | 16     | 40     | 0.3       | 2.6     | 0.64  | 98.3      | 163.9129 | 78.1184 |
| 2009 | 6     | 6   | 14   | 26     | 40     | 0.3       | 2.6     | 0.61  | 97        | 163.9129 | 75.5172 |
| 2009 | 6     | 6   | 14   | 36     | 40     | 0.3       | 2.6     | 0.66  | 95.7      | 163.7069 | 80.9893 |
| 2009 | 6     | 6   | 14   | 46     | 40     | 0.3       | 2.6     | 0.64  | 98.5      | 163.9129 | 78.49   |
| 2009 | 6     | 6   | 14   | 56     | 40     | 0.3       | 2.6     | 0.61  | 96.2      | 163.7069 | 75.0511 |
| 2009 | 6     | 6   | 15   | 6      | 40     | 0.3       | 2.6     | 0.62  | 98.6      | 163.7069 | 75.4222 |
| 2009 | 6     | 6   | 15   | 16     | 40     | 0.3       | 2.6     | 0.62  | 99.2      | 163.5009 | 75.3273 |
| 2009 | 6     | 6   | 15   | 26     | 40     | 0.3       | 2.6     | 0.64  | 97.7      | 163.7069 | 78.0202 |
| 2009 | 6     | 6   | 15   | 36     | 40     | 0.3       | 2.6     | 0.63  | 97.5      | 163.5009 | 76.81   |
| 2009 | 6     | 6   | 15   | 46     | 40     | 0.3       | 2.6     | 0.62  | 95.1      | 163.5009 | 76.4394 |
| 2009 | 6     | 6   | 15   | 56     | 40     | 0.3       | 2.6     | 0.63  | 99.2      | 163.5009 | 77.1807 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 6   | 16   | 6      | 40     | 0.3       | 2.6     | 0.59  | 96.3      | 163.295  | 73.0113 |
| 2009 | 6     | 6   | 16   | 16     | 40     | 0.3       | 2.6     | 0.62  | 102.1     | 163.0892 | 75.1377 |
| 2009 | 6     | 6   | 16   | 26     | 40     | 0.3       | 2.6     | 0.63  | 95.9      | 162.8835 | 77.2585 |
| 2009 | 6     | 6   | 16   | 36     | 40     | 0.3       | 2.6     | 0.59  | 97.3      | 162.8835 | 72.458  |
| 2009 | 6     | 6   | 16   | 46     | 40     | 0.3       | 2.6     | 0.61  | 97.4      | 162.8835 | 74.6736 |
| 2009 | 6     | 6   | 16   | 56     | 40     | 0.3       | 2.6     | 0.61  | 94.6      | 162.6778 | 74.9481 |
| 2009 | 6     | 6   | 17   | 6      | 40     | 0.3       | 2.6     | 0.66  | 99.1      | 162.4723 | 79.6418 |
| 2009 | 6     | 6   | 17   | 16     | 40     | 0.3       | 2.6     | 0.61  | 98        | 162.4723 | 74.4851 |
| 2009 | 6     | 6   | 17   | 26     | 40     | 0.3       | 2.6     | 0.66  | 95.7      | 162.2668 | 79.5411 |
| 2009 | 6     | 6   | 17   | 36     | 40     | 0.3       | 2.6     | 0.6   | 96.9      | 162.2668 | 73.6552 |
| 2009 | 6     | 6   | 17   | 46     | 40     | 0.3       | 2.6     | 0.63  | 99.2      | 162.0614 | 76.5012 |
| 2009 | 6     | 6   | 17   | 56     | 40     | 0.3       | 2.6     | 0.64  | 98.8      | 162.0614 | 77.6034 |
| 2009 | 6     | 6   | 18   | 6      | 40     | 0.3       | 2.6     | 0.63  | 100.5     | 161.8561 | 75.3035 |
| 2009 | 6     | 6   | 18   | 16     | 40     | 0.3       | 2.6     | 0.64  | 98.2      | 161.8561 | 77.5051 |
| 2009 | 6     | 6   | 18   | 26     | 40     | 0.3       | 2.6     | 0.65  | 98.7      | 161.8561 | 77.872  |
| 2009 | 6     | 6   | 18   | 36     | 40     | 0.3       | 2.6     | 0.59  | 98.3      | 161.8561 | 71.6341 |
| 2009 | 6     | 6   | 18   | 46     | 40     | 0.3       | 2.6     | 0.61  | 97.7      | 161.8561 | 73.8357 |
| 2009 | 6     | 6   | 18   | 56     | 40     | 0.3       | 2.6     | 0.66  | 98.9      | 161.8561 | 79.3398 |
| 2009 | 6     | 6   | 19   | 6      | 40     | 0.3       | 2.6     | 0.61  | 94.6      | 161.6509 | 74.1086 |
| 2009 | 6     | 6   | 19   | 16     | 40     | 0.3       | 2.6     | 0.66  | 96.8      | 161.6509 | 79.6056 |
| 2009 | 6     | 6   | 19   | 26     | 40     | 0.3       | 2.6     | 0.6   | 96.9      | 161.6509 | 73.3756 |
| 2009 | 6     | 6   | 19   | 36     | 40     | 0.3       | 2.6     | 0.66  | 97.2      | 161.6509 | 79.2392 |
| 2009 | 6     | 6   | 19   | 46     | 40     | 0.3       | 2.6     | 0.66  | 97.7      | 161.4458 | 79.5046 |
| 2009 | 6     | 6   | 19   | 56     | 40     | 0.3       | 2.6     | 0.65  | 97.2      | 161.4458 | 78.4066 |
| 2009 | 6     | 6   | 20   | 6      | 40     | 0.3       | 2.6     | 0.64  | 98.2      | 161.4458 | 77.3086 |
| 2009 | 6     | 6   | 20   | 16     | 40     | 0.3       | 2.6     | 0.68  | 94.7      | 161.4458 | 82.0667 |
| 2009 | 6     | 6   | 20   | 26     | 40     | 0.3       | 2.6     | 0.67  | 97.3      | 161.4458 | 80.6027 |
| 2009 | 6     | 6   | 20   | 36     | 40     | 0.3       | 2.6     | 0.6   | 98.4      | 161.4458 | 72.9165 |
| 2009 | 6     | 6   | 20   | 46     | 40     | 0.3       | 2.6     | 0.63  | 96        | 161.2407 | 75.7482 |
| 2009 | 6     | 6   | 20   | 56     | 40     | 0.3       | 2.6     | 0.58  | 97.8      | 161.2407 | 70.2651 |
| 2009 | 6     | 6   | 21   | 6      | 40     | 0.3       | 2.6     | 0.66  | 100.3     | 161.2407 | 79.0381 |
| 2009 | 6     | 6   | 21   | 16     | 40     | 0.3       | 2.6     | 0.65  | 96.1      | 161.2407 | 77.9415 |
| 2009 | 6     | 6   | 21   | 26     | 40     | 0.3       | 2.6     | 0.68  | 95.5      | 161.2407 | 81.5969 |
| 2009 | 6     | 6   | 21   | 36     | 40     | 0.3       | 2.6     | 0.64  | 96.5      | 161.2407 | 76.8448 |
| 2009 | 6     | 6   | 21   | 46     | 40     | 0.3       | 2.6     | 0.63  | 99.4      | 161.2407 | 75.0171 |
| 2009 | 6     | 6   | 21   | 56     | 40     | 0.3       | 2.6     | 0.72  | 96.3      | 161.0357 | 85.509  |
| 2009 | 6     | 6   | 22   | 6      | 40     | 0.3       | 2.6     | 0.65  | 98.4      | 161.0357 | 78.2075 |
| 2009 | 6     | 6   | 22   | 16     | 40     | 0.3       | 2.6     | 0.67  | 95.7      | 161.0357 | 80.0329 |
| 2009 | 6     | 6   | 22   | 26     | 40     | 0.3       | 2.6     | 0.64  | 95.9      | 161.0357 | 76.7472 |
| 2009 | 6     | 6   | 22   | 36     | 40     | 0.3       | 2.6     | 0.68  | 99.2      | 160.8309 | 80.6603 |
| 2009 | 6     | 6   | 22   | 46     | 40     | 0.3       | 2.6     | 0.65  | 97.5      | 160.8309 | 78.108  |
| 2009 | 6     | 6   | 22   | 56     | 40     | 0.3       | 2.6     | 0.61  | 98.4      | 160.8309 | 73.0034 |
| 2009 | 6     | 6   | 23   | 6      | 40     | 0.3       | 2.6     | 0.63  | 99.2      | 160.8309 | 75.9203 |
| 2009 | 6     | 6   | 23   | 16     | 40     | 0.3       | 2.6     | 0.65  | 97.2      | 160.6261 | 78.0085 |
| 2009 | 6     | 6   | 23   | 26     | 40     | 0.3       | 2.6     | 0.64  | 94.1      | 160.6261 | 76.9161 |
| 2009 | 6     | 6   | 23   | 36     | 40     | 0.3       | 2.6     | 0.67  | 95.7      | 160.6261 | 79.8293 |
| 2009 | 6     | 6   | 23   | 46     | 40     | 0.3       | 2.6     | 0.66  | 95.7      | 160.6261 | 79.101  |
| 2009 | 6     | 6   | 23   | 56     | 40     | 0.3       | 2.6     | 0.63  | 97.5      | 160.4214 | 75.3633 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 7   | 0    | 6      | 40     | 0.3       | 2.6     | 0.64  | 97.4      | 160.4214 | 76.4544 |
| 2009 | 6     | 7   | 0    | 16     | 40     | 0.3       | 2.6     | 0.68  | 96.1      | 160.4214 | 81.5459 |
| 2009 | 6     | 7   | 0    | 26     | 40     | 0.3       | 2.6     | 0.66  | 97.1      | 160.2168 | 79.2626 |
| 2009 | 6     | 7   | 0    | 36     | 40     | 0.3       | 2.6     | 0.7   | 98.6      | 160.2168 | 82.8948 |
| 2009 | 6     | 7   | 0    | 46     | 40     | 0.3       | 2.6     | 0.66  | 94.3      | 159.8078 | 78.698  |
| 2009 | 6     | 7   | 0    | 56     | 40     | 0.3       | 2.6     | 0.67  | 97.1      | 159.6034 | 79.321  |
| 2009 | 6     | 7   | 1    | 6      | 40     | 0.3       | 2.6     | 0.68  | 95        | 159.6034 | 81.1301 |
| 2009 | 6     | 7   | 1    | 16     | 40     | 0.3       | 2.6     | 0.67  | 97.3      | 159.3991 | 79.2195 |
| 2009 | 6     | 7   | 1    | 26     | 40     | 0.3       | 2.6     | 0.63  | 99.2      | 159.3991 | 75.2444 |
| 2009 | 6     | 7   | 1    | 36     | 40     | 0.3       | 2.6     | 0.65  | 96.3      | 159.1949 | 77.6744 |
| 2009 | 6     | 7   | 1    | 46     | 40     | 0.3       | 2.6     | 0.63  | 100.5     | 159.1949 | 74.4262 |
| 2009 | 6     | 7   | 1    | 56     | 40     | 0.3       | 2.6     | 0.64  | 96.8      | 159.1949 | 76.2307 |
| 2009 | 6     | 7   | 2    | 6      | 40     | 0.3       | 2.6     | 0.64  | 95.9      | 159.1949 | 75.8698 |
| 2009 | 6     | 7   | 2    | 16     | 40     | 0.3       | 2.6     | 0.63  | 97.2      | 158.9908 | 74.6912 |
| 2009 | 6     | 7   | 2    | 26     | 40     | 0.3       | 2.6     | 0.65  | 96.7      | 158.9908 | 76.8539 |
| 2009 | 6     | 7   | 2    | 36     | 40     | 0.3       | 2.6     | 0.68  | 93.6      | 158.9908 | 80.8187 |
| 2009 | 6     | 7   | 2    | 46     | 40     | 0.3       | 2.6     | 0.64  | 96.8      | 158.9908 | 76.133  |
| 2009 | 6     | 7   | 2    | 56     | 40     | 0.3       | 2.6     | 0.66  | 95.7      | 158.9908 | 78.6561 |
| 2009 | 6     | 7   | 3    | 6      | 40     | 0.3       | 2.6     | 0.66  | 100.9     | 158.7868 | 77.1152 |
| 2009 | 6     | 7   | 3    | 16     | 40     | 0.3       | 2.6     | 0.59  | 98.4      | 158.7868 | 69.9157 |
| 2009 | 6     | 7   | 3    | 26     | 40     | 0.3       | 2.6     | 0.63  | 98.9      | 158.7868 | 74.9554 |
| 2009 | 6     | 7   | 3    | 36     | 40     | 0.3       | 2.6     | 0.62  | 97.9      | 158.7868 | 73.5155 |
| 2009 | 6     | 7   | 3    | 46     | 40     | 0.3       | 2.6     | 0.66  | 96.8      | 158.5828 | 78.4543 |
| 2009 | 6     | 7   | 3    | 56     | 40     | 0.3       | 2.6     | 0.64  | 94.1      | 158.5828 | 76.6567 |
| 2009 | 6     | 7   | 4    | 6      | 40     | 0.3       | 2.6     | 0.61  | 101.2     | 158.5828 | 71.6234 |
| 2009 | 6     | 7   | 4    | 16     | 40     | 0.3       | 2.6     | 0.65  | 98.4      | 158.5828 | 76.6567 |
| 2009 | 6     | 7   | 4    | 26     | 40     | 0.3       | 2.6     | 0.6   | 98.8      | 158.5828 | 70.9044 |
| 2009 | 6     | 7   | 4    | 36     | 40     | 0.3       | 2.6     | 0.66  | 96        | 158.3789 | 77.6353 |
| 2009 | 6     | 7   | 4    | 46     | 40     | 0.3       | 2.6     | 0.58  | 96.5      | 158.3789 | 69.018  |
| 2009 | 6     | 7   | 4    | 56     | 40     | 0.3       | 2.6     | 0.63  | 100.1     | 158.3789 | 74.4038 |
| 2009 | 6     | 7   | 5    | 6      | 40     | 0.3       | 2.6     | 0.7   | 99.1      | 158.3789 | 82.303  |
| 2009 | 6     | 7   | 5    | 16     | 40     | 0.3       | 2.6     | 0.62  | 98.8      | 158.3789 | 73.6857 |
| 2009 | 6     | 7   | 5    | 26     | 40     | 0.3       | 2.6     | 0.6   | 96        | 158.1752 | 71.4393 |
| 2009 | 6     | 7   | 5    | 36     | 40     | 0.3       | 2.6     | 0.6   | 97.6      | 158.1752 | 71.0807 |
| 2009 | 6     | 7   | 5    | 46     | 40     | 0.3       | 2.6     | 0.63  | 96        | 158.1752 | 74.6667 |
| 2009 | 6     | 7   | 5    | 56     | 40     | 0.3       | 2.6     | 0.62  | 99.2      | 158.1752 | 72.8737 |
| 2009 | 6     | 7   | 6    | 6      | 40     | 0.3       | 2.6     | 0.64  | 97        | 158.1752 | 76.101  |
| 2009 | 6     | 7   | 6    | 16     | 40     | 0.3       | 2.6     | 0.66  | 96.6      | 157.9715 | 77.4356 |
| 2009 | 6     | 7   | 6    | 26     | 40     | 0.3       | 2.6     | 0.65  | 95.8      | 157.9715 | 76.3612 |
| 2009 | 6     | 7   | 6    | 36     | 40     | 0.3       | 2.6     | 0.61  | 97.7      | 157.9715 | 72.4217 |
| 2009 | 6     | 7   | 6    | 46     | 40     | 0.3       | 2.6     | 0.66  | 100.8     | 157.7679 | 77.3358 |
| 2009 | 6     | 7   | 6    | 56     | 40     | 0.3       | 2.6     | 0.65  | 97        | 157.7679 | 76.2628 |
| 2009 | 6     | 7   | 7    | 6      | 40     | 0.3       | 2.6     | 0.67  | 96.8      | 157.7679 | 78.4088 |
| 2009 | 6     | 7   | 7    | 16     | 40     | 0.3       | 2.6     | 0.65  | 98.2      | 157.5643 | 75.8072 |
| 2009 | 6     | 7   | 7    | 26     | 40     | 0.3       | 2.6     | 0.68  | 100.8     | 157.5643 | 79.022  |
| 2009 | 6     | 7   | 7    | 36     | 40     | 0.3       | 2.6     | 0.6   | 98.8      | 157.3609 | 70.3581 |
| 2009 | 6     | 7   | 7    | 46     | 40     | 0.3       | 2.6     | 0.69  | 95.5      | 157.1575 | 80.2432 |
| 2009 | 6     | 7   | 7    | 56     | 40     | 0.3       | 2.6     | 0.6   | 96.2      | 156.9543 | 71.2438 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 7   | 8    | 6      | 40     | 0.3       | 2.6     | 0.61  | 96.5      | 156.7511 | 71.5069 |
| 2009 | 6     | 7   | 8    | 16     | 40     | 0.3       | 2.6     | 0.65  | 97.3      | 156.7511 | 75.7713 |
| 2009 | 6     | 7   | 8    | 26     | 40     | 0.3       | 2.6     | 0.63  | 97.1      | 156.548  | 74.2535 |
| 2009 | 6     | 7   | 8    | 36     | 40     | 0.3       | 2.6     | 0.61  | 96.1      | 156.548  | 72.124  |
| 2009 | 6     | 7   | 8    | 46     | 40     | 0.3       | 2.6     | 0.65  | 91.7      | 156.548  | 76.7378 |
| 2009 | 6     | 7   | 8    | 56     | 40     | 0.3       | 2.6     | 0.58  | 100       | 156.548  | 68.2201 |
| 2009 | 6     | 7   | 9    | 6      | 40     | 0.3       | 2.6     | 0.58  | 96.9      | 156.345  | 67.7772 |
| 2009 | 6     | 7   | 9    | 16     | 40     | 0.3       | 2.6     | 0.66  | 96.6      | 156.345  | 76.6383 |
| 2009 | 6     | 7   | 9    | 26     | 40     | 0.3       | 2.6     | 0.55  | 97.8      | 156.345  | 65.2961 |
| 2009 | 6     | 7   | 9    | 36     | 40     | 0.3       | 2.6     | 0.62  | 98.9      | 156.345  | 72.0305 |
| 2009 | 6     | 7   | 9    | 46     | 40     | 0.3       | 2.6     | 0.55  | 96.5      | 156.142  | 65.5653 |
| 2009 | 6     | 7   | 9    | 56     | 40     | 0.3       | 2.6     | 0.61  | 99.4      | 156.142  | 70.5211 |
| 2009 | 6     | 7   | 10   | 6      | 40     | 0.3       | 2.6     | 0.64  | 95.9      | 156.142  | 74.7689 |
| 2009 | 6     | 7   | 10   | 16     | 40     | 0.3       | 2.6     | 0.64  | 96.8      | 156.142  | 74.7689 |
| 2009 | 6     | 7   | 10   | 26     | 40     | 0.3       | 2.6     | 0.61  | 99.2      | 156.142  | 71.583  |
| 2009 | 6     | 7   | 10   | 36     | 40     | 0.3       | 2.6     | 0.62  | 96.3      | 156.142  | 72.999  |
| 2009 | 6     | 7   | 10   | 46     | 40     | 0.3       | 2.6     | 0.6   | 95.9      | 156.142  | 70.8751 |
| 2009 | 6     | 7   | 10   | 56     | 40     | 0.3       | 2.6     | 0.57  | 97        | 156.142  | 66.6273 |
| 2009 | 6     | 7   | 11   | 6      | 40     | 0.3       | 2.6     | 0.62  | 95.8      | 156.142  | 72.645  |
| 2009 | 6     | 7   | 11   | 16     | 40     | 0.3       | 2.6     | 0.63  | 97.8      | 155.9392 | 72.9041 |
| 2009 | 6     | 7   | 11   | 26     | 40     | 0.3       | 2.6     | 0.62  | 99.1      | 155.9392 | 72.1971 |
| 2009 | 6     | 7   | 11   | 36     | 40     | 0.3       | 2.6     | 0.6   | 97.6      | 155.9392 | 69.7224 |
| 2009 | 6     | 7   | 11   | 46     | 40     | 0.3       | 2.6     | 0.6   | 98.2      | 155.7365 | 69.9848 |
| 2009 | 6     | 7   | 11   | 56     | 40     | 0.3       | 2.6     | 0.62  | 99.1      | 155.7365 | 72.1032 |
| 2009 | 6     | 7   | 12   | 6      | 40     | 0.3       | 2.6     | 0.65  | 100.2     | 155.7365 | 74.9277 |
| 2009 | 6     | 7   | 12   | 16     | 40     | 0.3       | 2.6     | 0.62  | 97.9      | 155.7365 | 72.1032 |
| 2009 | 6     | 7   | 12   | 26     | 40     | 0.3       | 2.6     | 0.6   | 97.5      | 155.3312 | 70.1549 |
| 2009 | 6     | 7   | 12   | 36     | 40     | 0.3       | 2.6     | 0.61  | 96.4      | 155.3312 | 71.5634 |
| 2009 | 6     | 7   | 12   | 46     | 40     | 0.3       | 2.6     | 0.6   | 97.8      | 154.9262 | 69.972  |
| 2009 | 6     | 7   | 12   | 56     | 40     | 0.3       | 2.6     | 0.59  | 99.3      | 154.7239 | 68.4775 |
| 2009 | 6     | 7   | 13   | 6      | 40     | 0.3       | 2.6     | 0.6   | 96.3      | 154.7239 | 69.8806 |
| 2009 | 6     | 7   | 13   | 16     | 40     | 0.3       | 2.6     | 0.64  | 98.3      | 154.7239 | 73.7391 |
| 2009 | 6     | 7   | 13   | 26     | 40     | 0.3       | 2.6     | 0.6   | 98.2      | 154.7239 | 69.5298 |
| 2009 | 6     | 7   | 13   | 36     | 40     | 0.3       | 2.6     | 0.62  | 99.7      | 154.5217 | 71.5408 |
| 2009 | 6     | 7   | 13   | 46     | 40     | 0.3       | 2.6     | 0.62  | 97.7      | 154.5217 | 71.1905 |
| 2009 | 6     | 7   | 13   | 56     | 40     | 0.3       | 2.6     | 0.61  | 97.4      | 154.5217 | 70.4899 |
| 2009 | 6     | 7   | 14   | 6      | 40     | 0.3       | 2.6     | 0.61  | 97        | 154.5217 | 71.1905 |
| 2009 | 6     | 7   | 14   | 16     | 40     | 0.3       | 2.6     | 0.62  | 101.1     | 154.5217 | 70.4899 |
| 2009 | 6     | 7   | 14   | 26     | 40     | 0.3       | 2.6     | 0.58  | 102.4     | 154.5217 | 66.6365 |
| 2009 | 6     | 7   | 14   | 36     | 40     | 0.3       | 2.6     | 0.59  | 96        | 154.5217 | 69.0886 |
| 2009 | 6     | 7   | 14   | 46     | 40     | 0.3       | 2.6     | 0.56  | 96.4      | 154.3195 | 65.1499 |
| 2009 | 6     | 7   | 14   | 56     | 40     | 0.3       | 2.6     | 0.63  | 95.1      | 154.3195 | 73.1965 |
| 2009 | 6     | 7   | 15   | 6      | 40     | 0.3       | 2.6     | 0.67  | 95.7      | 154.3195 | 76.695  |
| 2009 | 6     | 7   | 15   | 16     | 40     | 0.3       | 2.6     | 0.58  | 98.1      | 154.3195 | 67.5988 |
| 2009 | 6     | 7   | 15   | 26     | 40     | 0.3       | 2.6     | 0.66  | 98.3      | 154.3195 | 75.9953 |
| 2009 | 6     | 7   | 15   | 36     | 40     | 0.3       | 2.6     | 0.6   | 95.6      | 154.1174 | 69.9561 |
| 2009 | 6     | 7   | 15   | 46     | 40     | 0.3       | 2.6     | 0.6   | 97.5      | 154.1174 | 69.6067 |
| 2009 | 6     | 7   | 15   | 56     | 40     | 0.3       | 2.6     | 0.6   | 97.3      | 154.1174 | 68.9079 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 7   | 16   | 6      | 40     | 0.3       | 2.6     | 0.59  | 96.7      | 154.1174 | 68.9079 |
| 2009 | 6     | 7   | 16   | 16     | 40     | 0.3       | 2.6     | 0.59  | 97        | 154.1174 | 68.9079 |
| 2009 | 6     | 7   | 16   | 26     | 40     | 0.3       | 2.6     | 0.61  | 99.2      | 153.9154 | 70.5622 |
| 2009 | 6     | 7   | 16   | 36     | 40     | 0.3       | 2.6     | 0.59  | 98        | 153.9154 | 68.4686 |
| 2009 | 6     | 7   | 16   | 46     | 40     | 0.3       | 2.6     | 0.6   | 103       | 153.9154 | 68.1197 |
| 2009 | 6     | 7   | 16   | 56     | 40     | 0.3       | 2.6     | 0.63  | 98.1      | 153.7135 | 71.8636 |
| 2009 | 6     | 7   | 17   | 6      | 40     | 0.3       | 2.6     | 0.58  | 99.1      | 153.7135 | 66.9849 |
| 2009 | 6     | 7   | 17   | 16     | 40     | 0.3       | 2.6     | 0.59  | 96.7      | 153.5117 | 68.637  |
| 2009 | 6     | 7   | 17   | 26     | 40     | 0.3       | 2.6     | 0.58  | 96.5      | 153.5117 | 67.245  |
| 2009 | 6     | 7   | 17   | 36     | 40     | 0.3       | 2.6     | 0.59  | 99.7      | 153.3099 | 67.1566 |
| 2009 | 6     | 7   | 17   | 46     | 40     | 0.3       | 2.6     | 0.59  | 98.9      | 153.1082 | 67.7625 |
| 2009 | 6     | 7   | 17   | 56     | 40     | 0.3       | 2.6     | 0.61  | 96.1      | 153.3099 | 70.6322 |
| 2009 | 6     | 7   | 18   | 6      | 40     | 0.3       | 2.6     | 0.6   | 99.2      | 153.1082 | 68.4567 |
| 2009 | 6     | 7   | 18   | 16     | 40     | 0.3       | 2.6     | 0.64  | 101.6     | 152.9067 | 71.833  |
| 2009 | 6     | 7   | 18   | 26     | 40     | 0.3       | 2.6     | 0.61  | 97.4      | 152.9067 | 69.7531 |
| 2009 | 6     | 7   | 18   | 36     | 40     | 0.3       | 2.6     | 0.57  | 94.7      | 152.7052 | 65.5069 |
| 2009 | 6     | 7   | 18   | 46     | 40     | 0.3       | 2.6     | 0.62  | 95.8      | 152.7052 | 70.6998 |
| 2009 | 6     | 7   | 18   | 56     | 40     | 0.3       | 2.6     | 0.6   | 99.2      | 152.7052 | 68.2765 |
| 2009 | 6     | 7   | 19   | 6      | 40     | 0.3       | 2.6     | 0.61  | 94.7      | 152.5038 | 69.5694 |
| 2009 | 6     | 7   | 19   | 16     | 40     | 0.3       | 2.6     | 0.63  | 99        | 152.5038 | 71.6438 |
| 2009 | 6     | 7   | 19   | 26     | 40     | 0.3       | 2.6     | 0.57  | 99.2      | 152.5038 | 65.7663 |
| 2009 | 6     | 7   | 19   | 36     | 40     | 0.3       | 2.6     | 0.61  | 95.3      | 152.5038 | 69.5694 |
| 2009 | 6     | 7   | 19   | 46     | 40     | 0.3       | 2.6     | 0.61  | 97.7      | 152.5038 | 69.5694 |
| 2009 | 6     | 7   | 19   | 56     | 40     | 0.3       | 2.6     | 0.6   | 97.9      | 152.3025 | 68.0964 |
| 2009 | 6     | 7   | 20   | 6      | 40     | 0.3       | 2.6     | 0.6   | 96        | 152.3025 | 68.787  |
| 2009 | 6     | 7   | 20   | 16     | 40     | 0.3       | 2.6     | 0.6   | 95.7      | 152.3025 | 68.4417 |
| 2009 | 6     | 7   | 20   | 26     | 40     | 0.3       | 2.6     | 0.59  | 98        | 152.3025 | 67.0606 |
| 2009 | 6     | 7   | 20   | 36     | 40     | 0.3       | 2.6     | 0.59  | 97.6      | 152.1013 | 67.6616 |
| 2009 | 6     | 7   | 20   | 46     | 40     | 0.3       | 2.6     | 0.6   | 99.5      | 152.1013 | 68.0064 |
| 2009 | 6     | 7   | 20   | 56     | 40     | 0.3       | 2.6     | 0.6   | 96.6      | 152.1013 | 68.3513 |
| 2009 | 6     | 7   | 21   | 6      | 40     | 0.3       | 2.6     | 0.58  | 92.6      | 152.1013 | 67.3168 |
| 2009 | 6     | 7   | 21   | 16     | 40     | 0.3       | 2.6     | 0.6   | 98.8      | 152.1013 | 68.3513 |
| 2009 | 6     | 7   | 21   | 26     | 40     | 0.3       | 2.6     | 0.56  | 98.7      | 151.9001 | 64.4728 |
| 2009 | 6     | 7   | 21   | 36     | 40     | 0.3       | 2.6     | 0.59  | 97        | 151.9001 | 67.2278 |
| 2009 | 6     | 7   | 21   | 46     | 40     | 0.3       | 2.6     | 0.58  | 100.4     | 151.9001 | 66.1946 |
| 2009 | 6     | 7   | 21   | 56     | 40     | 0.3       | 2.6     | 0.56  | 100.1     | 151.9001 | 64.1285 |
| 2009 | 6     | 7   | 22   | 6      | 40     | 0.3       | 2.6     | 0.61  | 94.9      | 151.9001 | 69.9827 |
| 2009 | 6     | 7   | 22   | 16     | 40     | 0.3       | 2.6     | 0.6   | 103.3     | 151.9001 | 66.8834 |
| 2009 | 6     | 7   | 22   | 26     | 40     | 0.3       | 2.6     | 0.59  | 96.4      | 151.9001 | 67.2278 |
| 2009 | 6     | 7   | 22   | 36     | 40     | 0.3       | 2.6     | 0.64  | 97.4      | 151.9001 | 72.3933 |
| 2009 | 6     | 7   | 22   | 46     | 40     | 0.3       | 2.6     | 0.58  | 99.8      | 151.699  | 65.7631 |
| 2009 | 6     | 7   | 22   | 56     | 40     | 0.3       | 2.6     | 0.61  | 99.3      | 151.699  | 68.8583 |
| 2009 | 6     | 7   | 23   | 6      | 40     | 0.3       | 2.6     | 0.6   | 95.6      | 151.699  | 68.8583 |
| 2009 | 6     | 7   | 23   | 16     | 40     | 0.3       | 2.6     | 0.63  | 98.1      | 151.699  | 71.2657 |
| 2009 | 6     | 7   | 23   | 26     | 40     | 0.3       | 2.6     | 0.63  | 97.8      | 151.699  | 71.6096 |
| 2009 | 6     | 7   | 23   | 36     | 40     | 0.3       | 2.6     | 0.61  | 98        | 151.699  | 69.2022 |
| 2009 | 6     | 7   | 23   | 46     | 40     | 0.3       | 2.6     | 0.61  | 102.1     | 151.699  | 68.5144 |
| 2009 | 6     | 7   | 23   | 56     | 40     | 0.3       | 2.6     | 0.61  | 96.1      | 151.498  | 69.7974 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 8   | 0    | 6      | 40     | 0.3       | 2.6     | 0.55  | 94.8      | 151.498  | 63.6153 |
| 2009 | 6     | 8   | 0    | 16     | 40     | 0.3       | 2.6     | 0.59  | 99.3      | 151.498  | 66.7064 |
| 2009 | 6     | 8   | 0    | 26     | 40     | 0.3       | 2.6     | 0.63  | 99.3      | 151.498  | 70.8278 |
| 2009 | 6     | 8   | 0    | 36     | 40     | 0.3       | 2.6     | 0.61  | 94.4      | 151.498  | 69.1105 |
| 2009 | 6     | 8   | 0    | 46     | 40     | 0.3       | 2.6     | 0.65  | 98.1      | 151.498  | 73.232  |
| 2009 | 6     | 8   | 0    | 56     | 40     | 0.3       | 2.6     | 0.58  | 99        | 151.498  | 66.3629 |
| 2009 | 6     | 8   | 1    | 6      | 40     | 0.3       | 2.6     | 0.59  | 98        | 151.498  | 66.7064 |
| 2009 | 6     | 8   | 1    | 16     | 40     | 0.3       | 2.6     | 0.59  | 97.7      | 151.2971 | 66.9609 |
| 2009 | 6     | 8   | 1    | 26     | 40     | 0.3       | 2.6     | 0.58  | 95.5      | 151.2971 | 65.9319 |
| 2009 | 6     | 8   | 1    | 36     | 40     | 0.3       | 2.6     | 0.54  | 97.7      | 151.2971 | 61.8159 |
| 2009 | 6     | 8   | 1    | 46     | 40     | 0.3       | 2.6     | 0.57  | 98.9      | 151.2971 | 65.2459 |
| 2009 | 6     | 8   | 1    | 56     | 40     | 0.3       | 2.6     | 0.59  | 98.6      | 151.2971 | 66.9609 |
| 2009 | 6     | 8   | 2    | 6      | 40     | 0.3       | 2.6     | 0.62  | 97        | 151.2971 | 70.0479 |
| 2009 | 6     | 8   | 2    | 16     | 40     | 0.3       | 2.6     | 0.66  | 98.5      | 151.2971 | 74.5069 |
| 2009 | 6     | 8   | 2    | 26     | 40     | 0.3       | 2.6     | 0.56  | 99        | 151.0963 | 64.1317 |
| 2009 | 6     | 8   | 2    | 36     | 40     | 0.3       | 2.6     | 0.56  | 96.7      | 151.0963 | 63.7891 |
| 2009 | 6     | 8   | 2    | 46     | 40     | 0.3       | 2.6     | 0.61  | 98.7      | 151.0963 | 68.9273 |
| 2009 | 6     | 8   | 2    | 56     | 40     | 0.3       | 2.6     | 0.62  | 96.7      | 151.0963 | 70.2975 |
| 2009 | 6     | 8   | 3    | 6      | 40     | 0.3       | 2.6     | 0.57  | 100.7     | 151.0963 | 64.1317 |
| 2009 | 6     | 8   | 3    | 16     | 40     | 0.3       | 2.6     | 0.6   | 99.8      | 150.8956 | 67.1253 |
| 2009 | 6     | 8   | 3    | 26     | 40     | 0.3       | 2.6     | 0.59  | 100       | 150.8956 | 66.099  |
| 2009 | 6     | 8   | 3    | 36     | 40     | 0.3       | 2.6     | 0.6   | 97.2      | 150.8956 | 67.8095 |
| 2009 | 6     | 8   | 3    | 46     | 40     | 0.3       | 2.6     | 0.62  | 94.9      | 150.8956 | 69.862  |
| 2009 | 6     | 8   | 3    | 56     | 40     | 0.3       | 2.6     | 0.61  | 96.8      | 150.695  | 69.0858 |
| 2009 | 6     | 8   | 4    | 6      | 40     | 0.3       | 2.6     | 0.6   | 97.9      | 150.695  | 67.7193 |
| 2009 | 6     | 8   | 4    | 16     | 40     | 0.3       | 2.6     | 0.58  | 98.1      | 150.695  | 66.0111 |
| 2009 | 6     | 8   | 4    | 26     | 40     | 0.3       | 2.6     | 0.56  | 96.7      | 150.695  | 63.6197 |
| 2009 | 6     | 8   | 4    | 36     | 40     | 0.3       | 2.6     | 0.57  | 99.6      | 150.695  | 64.303  |
| 2009 | 6     | 8   | 4    | 46     | 40     | 0.3       | 2.6     | 0.58  | 100       | 150.4944 | 65.5821 |
| 2009 | 6     | 8   | 4    | 56     | 40     | 0.3       | 2.6     | 0.61  | 97.7      | 150.4944 | 68.6527 |
| 2009 | 6     | 8   | 5    | 6      | 40     | 0.3       | 2.6     | 0.56  | 98.4      | 150.2939 | 63.7911 |
| 2009 | 6     | 8   | 5    | 16     | 40     | 0.3       | 2.6     | 0.65  | 98.4      | 150.0936 | 72.8934 |
| 2009 | 6     | 8   | 5    | 26     | 40     | 0.3       | 2.6     | 0.56  | 100.5     | 150.0936 | 62.6852 |
| 2009 | 6     | 8   | 5    | 36     | 40     | 0.3       | 2.6     | 0.57  | 101       | 149.8932 | 63.621  |
| 2009 | 6     | 8   | 5    | 46     | 40     | 0.3       | 2.6     | 0.59  | 97        | 149.8932 | 66.3396 |
| 2009 | 6     | 8   | 5    | 56     | 40     | 0.3       | 2.6     | 0.58  | 97.5      | 149.693  | 64.8935 |
| 2009 | 6     | 8   | 6    | 6      | 40     | 0.3       | 2.6     | 0.6   | 98.1      | 149.693  | 67.6084 |
| 2009 | 6     | 8   | 6    | 16     | 40     | 0.3       | 2.6     | 0.61  | 95.2      | 149.693  | 68.9659 |
| 2009 | 6     | 8   | 6    | 26     | 40     | 0.3       | 2.6     | 0.6   | 96.3      | 149.4929 | 67.1791 |
| 2009 | 6     | 8   | 6    | 36     | 40     | 0.3       | 2.6     | 0.65  | 98.5      | 149.4929 | 71.9238 |
| 2009 | 6     | 8   | 6    | 46     | 40     | 0.3       | 2.6     | 0.54  | 95.3      | 149.4929 | 61.0787 |
| 2009 | 6     | 8   | 6    | 56     | 40     | 0.3       | 2.6     | 0.57  | 95.6      | 149.4929 | 64.4678 |
| 2009 | 6     | 8   | 7    | 6      | 40     | 0.3       | 2.6     | 0.64  | 101       | 149.4929 | 70.5682 |
| 2009 | 6     | 8   | 7    | 16     | 40     | 0.3       | 2.6     | 0.56  | 98.1      | 149.2928 | 62.6893 |
| 2009 | 6     | 8   | 7    | 26     | 40     | 0.3       | 2.6     | 0.5   | 97.6      | 149.2928 | 56.5971 |
| 2009 | 6     | 8   | 7    | 36     | 40     | 0.3       | 2.6     | 0.56  | 95        | 149.2928 | 63.7046 |
| 2009 | 6     | 8   | 7    | 46     | 40     | 0.3       | 2.6     | 0.55  | 96.9      | 149.2928 | 62.0124 |
| 2009 | 6     | 8   | 7    | 56     | 40     | 0.3       | 2.6     | 0.6   | 100.7     | 149.2928 | 66.7507 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 8   | 8    | 6      | 40     | 0.3       | 2.6     | 0.56  | 98.1      | 149.2928 | 62.6893 |
| 2009 | 6     | 8   | 8    | 16     | 40     | 0.3       | 2.6     | 0.57  | 99.6      | 149.0929 | 63.6193 |
| 2009 | 6     | 8   | 8    | 26     | 40     | 0.3       | 2.6     | 0.53  | 101.4     | 149.0929 | 59.2253 |
| 2009 | 6     | 8   | 8    | 36     | 40     | 0.3       | 2.6     | 0.59  | 97.4      | 149.0929 | 65.6473 |
| 2009 | 6     | 8   | 8    | 46     | 40     | 0.3       | 2.6     | 0.54  | 99.1      | 149.0929 | 60.5773 |
| 2009 | 6     | 8   | 8    | 56     | 40     | 0.3       | 2.6     | 0.55  | 95.8      | 149.0929 | 62.6053 |
| 2009 | 6     | 8   | 9    | 6      | 40     | 0.3       | 2.6     | 0.52  | 101       | 149.0929 | 58.2113 |
| 2009 | 6     | 8   | 9    | 16     | 40     | 0.3       | 2.6     | 0.57  | 102       | 149.0929 | 62.9433 |
| 2009 | 6     | 8   | 9    | 26     | 40     | 0.3       | 2.6     | 0.57  | 97.7      | 149.0929 | 63.6193 |
| 2009 | 6     | 8   | 9    | 36     | 40     | 0.3       | 2.6     | 0.56  | 99.4      | 149.0929 | 62.9433 |
| 2009 | 6     | 8   | 9    | 46     | 40     | 0.3       | 2.6     | 0.58  | 97.5      | 148.893  | 64.5467 |
| 2009 | 6     | 8   | 9    | 56     | 40     | 0.3       | 2.6     | 0.6   | 104.3     | 148.893  | 65.2218 |
| 2009 | 6     | 8   | 10   | 6      | 40     | 0.3       | 2.6     | 0.6   | 98.5      | 148.893  | 66.572  |
| 2009 | 6     | 8   | 10   | 16     | 40     | 0.3       | 2.6     | 0.54  | 103       | 148.893  | 59.821  |
| 2009 | 6     | 8   | 10   | 26     | 40     | 0.3       | 2.6     | 0.57  | 94.9      | 148.893  | 64.5467 |
| 2009 | 6     | 8   | 10   | 36     | 40     | 0.3       | 2.6     | 0.57  | 97.3      | 148.6932 | 63.7859 |
| 2009 | 6     | 8   | 10   | 46     | 40     | 0.3       | 2.6     | 0.6   | 99.7      | 148.4935 | 66.73   |
| 2009 | 6     | 8   | 10   | 56     | 40     | 0.3       | 2.6     | 0.54  | 97        | 148.6932 | 60.4149 |
| 2009 | 6     | 8   | 11   | 6      | 40     | 0.3       | 2.6     | 0.6   | 101       | 148.6932 | 66.4826 |
| 2009 | 6     | 8   | 11   | 16     | 40     | 0.3       | 2.6     | 0.55  | 95.1      | 148.2939 | 61.9336 |
| 2009 | 6     | 8   | 11   | 26     | 40     | 0.3       | 2.6     | 0.55  | 100.6     | 148.0943 | 61.5145 |
| 2009 | 6     | 8   | 11   | 36     | 40     | 0.3       | 2.6     | 0.59  | 98.9      | 148.2939 | 65.6317 |
| 2009 | 6     | 8   | 11   | 46     | 40     | 0.3       | 2.6     | 0.59  | 97.3      | 147.8949 | 65.7904 |
| 2009 | 6     | 8   | 11   | 56     | 40     | 0.3       | 2.6     | 0.54  | 97.7      | 147.6955 | 60.0095 |
| 2009 | 6     | 8   | 12   | 6      | 40     | 0.3       | 2.6     | 0.57  | 99.7      | 147.6955 | 62.6882 |
| 2009 | 6     | 8   | 12   | 16     | 40     | 0.3       | 2.6     | 0.59  | 97.7      | 147.4962 | 64.9443 |
| 2009 | 6     | 8   | 12   | 26     | 40     | 0.3       | 2.6     | 0.54  | 98.7      | 147.6955 | 60.6792 |
| 2009 | 6     | 8   | 12   | 36     | 40     | 0.3       | 2.6     | 0.59  | 98        | 147.4962 | 64.9443 |
| 2009 | 6     | 8   | 12   | 46     | 40     | 0.3       | 2.6     | 0.55  | 99.6      | 147.4962 | 61.2661 |
| 2009 | 6     | 8   | 12   | 56     | 40     | 0.3       | 2.6     | 0.57  | 98.2      | 147.4962 | 63.6068 |
| 2009 | 6     | 8   | 13   | 6      | 40     | 0.3       | 2.6     | 0.59  | 95.4      | 147.4962 | 65.6131 |
| 2009 | 6     | 8   | 13   | 16     | 40     | 0.3       | 2.6     | 0.62  | 96        | 147.4962 | 68.9569 |
| 2009 | 6     | 8   | 13   | 26     | 40     | 0.3       | 2.6     | 0.64  | 99.1      | 147.4962 | 70.2944 |
| 2009 | 6     | 8   | 13   | 36     | 40     | 0.3       | 2.6     | 0.55  | 97.9      | 147.297  | 61.1834 |
| 2009 | 6     | 8   | 13   | 46     | 40     | 0.3       | 2.6     | 0.52  | 96.9      | 147.297  | 58.178  |
| 2009 | 6     | 8   | 13   | 56     | 40     | 0.3       | 2.6     | 0.56  | 95        | 147.297  | 62.853  |
| 2009 | 6     | 8   | 14   | 6      | 40     | 0.3       | 2.6     | 0.54  | 100.8     | 147.297  | 60.1816 |
| 2009 | 6     | 8   | 14   | 16     | 40     | 0.3       | 2.6     | 0.53  | 96        | 147.297  | 59.8476 |
| 2009 | 6     | 8   | 14   | 26     | 40     | 0.3       | 2.6     | 0.54  | 100.8     | 147.297  | 59.8476 |
| 2009 | 6     | 8   | 14   | 36     | 40     | 0.3       | 2.6     | 0.58  | 96.2      | 147.0979 | 64.102  |
| 2009 | 6     | 8   | 14   | 46     | 40     | 0.3       | 2.6     | 0.56  | 97.7      | 147.297  | 62.5191 |
| 2009 | 6     | 8   | 14   | 56     | 40     | 0.3       | 2.6     | 0.56  | 96.4      | 147.0979 | 62.1011 |
| 2009 | 6     | 8   | 15   | 6      | 40     | 0.3       | 2.6     | 0.52  | 98.4      | 147.0979 | 57.7659 |
| 2009 | 6     | 8   | 15   | 16     | 40     | 0.3       | 2.6     | 0.57  | 98.9      | 146.8989 | 63.0162 |
| 2009 | 6     | 8   | 15   | 26     | 40     | 0.3       | 2.6     | 0.53  | 98.1      | 146.8989 | 59.3528 |
| 2009 | 6     | 8   | 15   | 36     | 40     | 0.3       | 2.6     | 0.56  | 98.1      | 146.8989 | 62.0171 |
| 2009 | 6     | 8   | 15   | 46     | 40     | 0.3       | 2.6     | 0.49  | 100       | 146.8989 | 55.0235 |
| 2009 | 6     | 8   | 15   | 56     | 40     | 0.3       | 2.6     | 0.56  | 99.1      | 146.8989 | 62.0171 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 8   | 16   | 6      | 40     | 0.3       | 2.6     | 0.52  | 95.4      | 146.8989 | 58.3538 |
| 2009 | 6     | 8   | 16   | 16     | 40     | 0.3       | 2.6     | 0.54  | 93.5      | 146.7    | 60.2702 |
| 2009 | 6     | 8   | 16   | 26     | 40     | 0.3       | 2.6     | 0.57  | 98.2      | 146.5011 | 63.1776 |
| 2009 | 6     | 8   | 16   | 36     | 40     | 0.3       | 2.6     | 0.52  | 97.3      | 146.5011 | 57.5315 |
| 2009 | 6     | 8   | 16   | 46     | 40     | 0.3       | 2.6     | 0.55  | 99.2      | 146.3023 | 60.7702 |
| 2009 | 6     | 8   | 16   | 56     | 40     | 0.3       | 2.6     | 0.52  | 99.1      | 146.5011 | 57.5315 |
| 2009 | 6     | 8   | 17   | 6      | 40     | 0.3       | 2.6     | 0.57  | 99.2      | 146.3023 | 63.0919 |
| 2009 | 6     | 8   | 17   | 16     | 40     | 0.3       | 2.6     | 0.53  | 98.6      | 146.1036 | 58.3691 |
| 2009 | 6     | 8   | 17   | 26     | 40     | 0.3       | 2.6     | 0.57  | 97.7      | 146.1036 | 62.3438 |
| 2009 | 6     | 8   | 17   | 36     | 40     | 0.3       | 2.6     | 0.58  | 94.9      | 145.905  | 63.5821 |
| 2009 | 6     | 8   | 17   | 46     | 40     | 0.3       | 2.6     | 0.54  | 95.9      | 145.905  | 59.9436 |
| 2009 | 6     | 8   | 17   | 56     | 40     | 0.3       | 2.6     | 0.58  | 94.8      | 145.905  | 64.2437 |
| 2009 | 6     | 8   | 18   | 6      | 40     | 0.3       | 2.6     | 0.53  | 96.1      | 145.7065 | 58.5407 |
| 2009 | 6     | 8   | 18   | 16     | 40     | 0.3       | 2.6     | 0.62  | 96.6      | 145.905  | 68.213  |
| 2009 | 6     | 8   | 18   | 26     | 40     | 0.3       | 2.6     | 0.59  | 97        | 145.905  | 64.9052 |
| 2009 | 6     | 8   | 18   | 36     | 40     | 0.3       | 2.6     | 0.49  | 100       | 145.7065 | 54.5768 |
| 2009 | 6     | 8   | 18   | 46     | 40     | 0.3       | 2.6     | 0.6   | 97.9      | 145.7065 | 65.1473 |
| 2009 | 6     | 8   | 18   | 56     | 40     | 0.3       | 2.6     | 0.53  | 97.8      | 145.7065 | 58.5407 |
| 2009 | 6     | 8   | 19   | 6      | 40     | 0.3       | 2.6     | 0.57  | 99.6      | 145.7065 | 62.5047 |
| 2009 | 6     | 8   | 19   | 16     | 40     | 0.3       | 2.6     | 0.6   | 99.8      | 145.5081 | 65.0585 |
| 2009 | 6     | 8   | 19   | 26     | 40     | 0.3       | 2.6     | 0.57  | 98.6      | 145.7065 | 62.1743 |
| 2009 | 6     | 8   | 19   | 36     | 40     | 0.3       | 2.6     | 0.62  | 99.2      | 145.5081 | 67.0378 |
| 2009 | 6     | 8   | 19   | 46     | 40     | 0.3       | 2.6     | 0.56  | 99.1      | 145.3097 | 61.3462 |
| 2009 | 6     | 8   | 19   | 56     | 40     | 0.3       | 2.6     | 0.56  | 94.7      | 145.3097 | 61.3462 |
| 2009 | 6     | 8   | 20   | 6      | 40     | 0.3       | 2.6     | 0.55  | 96.9      | 145.3097 | 60.3579 |
| 2009 | 6     | 8   | 20   | 16     | 40     | 0.3       | 2.6     | 0.54  | 98        | 145.3097 | 59.3696 |
| 2009 | 6     | 8   | 20   | 26     | 40     | 0.3       | 2.6     | 0.57  | 97        | 145.3097 | 62.005  |
| 2009 | 6     | 8   | 20   | 36     | 40     | 0.3       | 2.6     | 0.5   | 97.2      | 145.3097 | 55.0871 |
| 2009 | 6     | 8   | 20   | 46     | 40     | 0.3       | 2.6     | 0.56  | 97.7      | 145.3097 | 61.6756 |
| 2009 | 6     | 8   | 20   | 56     | 40     | 0.3       | 2.6     | 0.59  | 94.8      | 145.3097 | 64.6404 |
| 2009 | 6     | 8   | 21   | 6      | 40     | 0.3       | 2.6     | 0.56  | 95        | 145.3097 | 61.6756 |
| 2009 | 6     | 8   | 21   | 16     | 40     | 0.3       | 2.6     | 0.58  | 98.5      | 145.1115 | 63.2363 |
| 2009 | 6     | 8   | 21   | 26     | 40     | 0.3       | 2.6     | 0.56  | 98.7      | 145.1115 | 61.5914 |
| 2009 | 6     | 8   | 21   | 36     | 40     | 0.3       | 2.6     | 0.51  | 101.9     | 145.1115 | 55.6699 |
| 2009 | 6     | 8   | 21   | 46     | 40     | 0.3       | 2.6     | 0.46  | 99.5      | 145.1115 | 51.0642 |
| 2009 | 6     | 8   | 21   | 56     | 40     | 0.3       | 2.6     | 0.54  | 96.3      | 145.1115 | 59.2886 |
| 2009 | 6     | 8   | 22   | 6      | 40     | 0.3       | 2.6     | 0.48  | 104.3     | 145.1115 | 52.0511 |
| 2009 | 6     | 8   | 22   | 16     | 40     | 0.3       | 2.6     | 0.55  | 99        | 144.9133 | 59.8647 |
| 2009 | 6     | 8   | 22   | 26     | 40     | 0.3       | 2.6     | 0.57  | 96.6      | 144.9133 | 62.4929 |
| 2009 | 6     | 8   | 22   | 36     | 40     | 0.3       | 2.6     | 0.52  | 93.6      | 144.9133 | 57.8935 |
| 2009 | 6     | 8   | 22   | 46     | 40     | 0.3       | 2.6     | 0.53  | 99.6      | 144.9133 | 58.222  |
| 2009 | 6     | 8   | 22   | 56     | 40     | 0.3       | 2.6     | 0.55  | 95.4      | 144.9133 | 60.8503 |
| 2009 | 6     | 8   | 23   | 6      | 40     | 0.3       | 2.6     | 0.51  | 103.3     | 144.9133 | 55.5938 |
| 2009 | 6     | 8   | 23   | 16     | 40     | 0.3       | 2.6     | 0.55  | 99        | 144.7152 | 59.7829 |
| 2009 | 6     | 8   | 23   | 26     | 40     | 0.3       | 2.6     | 0.56  | 97.4      | 144.7152 | 61.0952 |
| 2009 | 6     | 8   | 23   | 36     | 40     | 0.3       | 2.6     | 0.55  | 100.6     | 144.7152 | 60.1109 |
| 2009 | 6     | 8   | 23   | 46     | 40     | 0.3       | 2.6     | 0.58  | 97.8      | 144.7152 | 63.0636 |
| 2009 | 6     | 8   | 23   | 56     | 40     | 0.3       | 2.6     | 0.55  | 99.7      | 144.5172 | 59.3734 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 9   | 0    | 6      | 40     | 0.3       | 2.6     | 0.53  | 102.1     | 144.5172 | 57.4076 |
| 2009 | 6     | 9   | 0    | 16     | 40     | 0.3       | 2.6     | 0.57  | 96.6      | 144.3193 | 62.2367 |
| 2009 | 6     | 9   | 0    | 26     | 40     | 0.3       | 2.6     | 0.54  | 100.9     | 144.3193 | 58.3106 |
| 2009 | 6     | 9   | 0    | 36     | 40     | 0.3       | 2.3     | 0.54  | 101.6     | 144.1214 | 58.2306 |
| 2009 | 6     | 9   | 0    | 46     | 40     | 0.3       | 2.3     | 0.53  | 98.1      | 144.1214 | 58.2306 |
| 2009 | 6     | 9   | 0    | 56     | 40     | 0.3       | 2.3     | 0.54  | 97        | 143.9237 | 58.8033 |
| 2009 | 6     | 9   | 1    | 6      | 40     | 0.3       | 2.3     | 0.61  | 99.9      | 143.726  | 65.2393 |
| 2009 | 6     | 9   | 1    | 16     | 40     | 0.3       | 2.3     | 0.57  | 98.2      | 143.3309 | 61.8105 |
| 2009 | 6     | 9   | 1    | 26     | 40     | 0.3       | 2.3     | 0.54  | 95.6      | 143.1335 | 58.4805 |
| 2009 | 6     | 9   | 1    | 36     | 40     | 0.3       | 2.3     | 0.56  | 101.2     | 142.9362 | 59.372  |
| 2009 | 6     | 9   | 1    | 46     | 40     | 0.3       | 2.3     | 0.54  | 94.9      | 142.9362 | 58.7239 |
| 2009 | 6     | 9   | 1    | 56     | 40     | 0.3       | 2.3     | 0.58  | 97.5      | 142.739  | 61.8788 |
| 2009 | 6     | 9   | 2    | 6      | 40     | 0.3       | 2.3     | 0.53  | 98.8      | 142.739  | 57.6721 |
| 2009 | 6     | 9   | 2    | 16     | 40     | 0.3       | 2.3     | 0.52  | 101.4     | 142.5418 | 55.3303 |
| 2009 | 6     | 9   | 2    | 26     | 40     | 0.3       | 2.3     | 0.48  | 99        | 142.5418 | 52.7451 |
| 2009 | 6     | 9   | 2    | 36     | 40     | 0.3       | 2.3     | 0.51  | 98.8      | 142.3447 | 55.5766 |
| 2009 | 6     | 9   | 2    | 46     | 40     | 0.3       | 2.3     | 0.54  | 99.2      | 142.3447 | 57.5128 |
| 2009 | 6     | 9   | 2    | 56     | 40     | 0.3       | 2.3     | 0.54  | 99.4      | 142.1477 | 58.0777 |
| 2009 | 6     | 9   | 3    | 6      | 40     | 0.3       | 2.3     | 0.46  | 98.9      | 142.1477 | 50.6658 |
| 2009 | 6     | 9   | 3    | 16     | 40     | 0.3       | 2.3     | 0.53  | 99.7      | 141.9509 | 56.3882 |
| 2009 | 6     | 9   | 3    | 26     | 40     | 0.3       | 2.3     | 0.51  | 101       | 141.9509 | 55.101  |
| 2009 | 6     | 9   | 3    | 36     | 40     | 0.3       | 2.3     | 0.59  | 98.6      | 141.754  | 62.7373 |
| 2009 | 6     | 9   | 3    | 46     | 40     | 0.3       | 2.3     | 0.48  | 102.1     | 141.5573 | 51.739  |
| 2009 | 6     | 9   | 3    | 56     | 40     | 0.3       | 2.3     | 0.51  | 101.5     | 141.3607 | 54.2309 |
| 2009 | 6     | 9   | 4    | 6      | 40     | 0.3       | 2.3     | 0.54  | 95.9      | 140.9676 | 58.2347 |
| 2009 | 6     | 9   | 4    | 16     | 40     | 0.3       | 2.3     | 0.54  | 100.9     | 140.5749 | 56.7977 |
| 2009 | 6     | 9   | 4    | 26     | 40     | 0.3       | 2.3     | 0.58  | 97.5      | 140.3787 | 60.8556 |
| 2009 | 6     | 9   | 4    | 36     | 40     | 0.3       | 2.3     | 0.58  | 97.8      | 140.1826 | 61.0884 |
| 2009 | 6     | 9   | 4    | 46     | 40     | 0.3       | 2.3     | 0.58  | 100.5     | 140.1826 | 60.4528 |
| 2009 | 6     | 9   | 4    | 56     | 40     | 0.3       | 2.3     | 0.52  | 99        | 139.9865 | 55.6079 |
| 2009 | 6     | 9   | 5    | 6      | 40     | 0.3       | 2.3     | 0.54  | 97        | 139.9865 | 56.8773 |
| 2009 | 6     | 9   | 5    | 16     | 40     | 0.3       | 2.3     | 0.5   | 97.9      | 139.7906 | 53.6286 |
| 2009 | 6     | 9   | 5    | 26     | 40     | 0.3       | 2.3     | 0.53  | 101.4     | 139.7906 | 55.5301 |
| 2009 | 6     | 9   | 5    | 36     | 40     | 0.3       | 2.3     | 0.44  | 98.1      | 139.5947 | 47.5405 |
| 2009 | 6     | 9   | 5    | 46     | 40     | 0.3       | 2.3     | 0.48  | 93.5      | 139.5947 | 51.6546 |
| 2009 | 6     | 9   | 5    | 56     | 40     | 0.3       | 2.3     | 0.47  | 98.4      | 139.3989 | 50.3181 |
| 2009 | 6     | 9   | 6    | 6      | 40     | 0.3       | 2.3     | 0.51  | 98.8      | 139.2032 | 54.35   |
| 2009 | 6     | 9   | 6    | 16     | 40     | 0.3       | 2.3     | 0.51  | 101.1     | 139.2032 | 53.7188 |
| 2009 | 6     | 9   | 6    | 26     | 40     | 0.3       | 2.3     | 0.53  | 98.1      | 138.812  | 56.0854 |
| 2009 | 6     | 9   | 6    | 36     | 40     | 0.3       | 2.3     | 0.5   | 101.4     | 138.4212 | 52.1618 |
| 2009 | 6     | 9   | 6    | 46     | 40     | 0.3       | 2.3     | 0.54  | 101.3     | 138.0307 | 55.4568 |
| 2009 | 6     | 9   | 6    | 56     | 40     | 0.3       | 2.3     | 0.55  | 98.3      | 138.0307 | 57.0215 |
| 2009 | 6     | 9   | 7    | 6      | 40     | 0.3       | 2.3     | 0.46  | 98.1      | 137.8356 | 49.1288 |
| 2009 | 6     | 9   | 7    | 16     | 40     | 0.3       | 2.3     | 0.48  | 100.5     | 137.6406 | 50.6195 |
| 2009 | 6     | 9   | 7    | 26     | 40     | 0.3       | 2.3     | 0.5   | 99.9      | 137.6406 | 51.8677 |
| 2009 | 6     | 9   | 7    | 36     | 40     | 0.3       | 2.3     | 0.5   | 98.3      | 137.4456 | 52.4174 |
| 2009 | 6     | 9   | 7    | 46     | 40     | 0.3       | 2.3     | 0.43  | 101.9     | 137.4456 | 45.2506 |
| 2009 | 6     | 9   | 7    | 56     | 40     | 0.3       | 2.3     | 0.55  | 94.1      | 137.4456 | 57.0914 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 9   | 8    | 6      | 40     | 0.3       | 2.3     | 0.54  | 101.3     | 137.2508 | 55.1435 |
| 2009 | 6     | 9   | 8    | 16     | 40     | 0.3       | 2.3     | 0.52  | 97.3      | 137.2508 | 54.21   |
| 2009 | 6     | 9   | 8    | 26     | 40     | 0.3       | 2.3     | 0.53  | 99.7      | 137.056  | 54.4438 |
| 2009 | 6     | 9   | 8    | 36     | 40     | 0.3       | 2.3     | 0.53  | 101.7     | 137.056  | 54.7545 |
| 2009 | 6     | 9   | 8    | 46     | 40     | 0.3       | 2.3     | 0.54  | 98.8      | 136.8613 | 55.6076 |
| 2009 | 6     | 9   | 8    | 56     | 40     | 0.3       | 2.3     | 0.53  | 99.7      | 136.8613 | 54.3665 |
| 2009 | 6     | 9   | 9    | 6      | 40     | 0.3       | 2.3     | 0.49  | 100.9     | 136.6667 | 50.5712 |
| 2009 | 6     | 9   | 9    | 16     | 40     | 0.3       | 2.3     | 0.51  | 96.2      | 136.2778 | 53.5168 |
| 2009 | 6     | 9   | 9    | 26     | 40     | 0.3       | 2.3     | 0.47  | 97.2      | 135.8892 | 49.0512 |
| 2009 | 6     | 9   | 9    | 36     | 40     | 0.3       | 2.3     | 0.48  | 99.8      | 135.8892 | 49.6673 |
| 2009 | 6     | 9   | 9    | 46     | 40     | 0.3       | 2.3     | 0.53  | 101.2     | 135.695  | 53.5955 |
| 2009 | 6     | 9   | 9    | 56     | 40     | 0.3       | 2.3     | 0.43  | 101       | 135.5009 | 44.9176 |
| 2009 | 6     | 9   | 10   | 6      | 40     | 0.3       | 2.3     | 0.49  | 99.7      | 135.5009 | 50.447  |
| 2009 | 6     | 9   | 10   | 16     | 40     | 0.3       | 2.3     | 0.52  | 101.3     | 135.5009 | 52.9045 |
| 2009 | 6     | 9   | 10   | 26     | 40     | 0.3       | 2.3     | 0.46  | 104.3     | 135.5009 | 47.3751 |
| 2009 | 6     | 9   | 10   | 36     | 40     | 0.3       | 2.3     | 0.5   | 99.8      | 135.3069 | 51.295  |
| 2009 | 6     | 9   | 10   | 46     | 40     | 0.3       | 2.3     | 0.5   | 96.4      | 135.3069 | 51.9085 |
| 2009 | 6     | 9   | 10   | 56     | 40     | 0.3       | 2.3     | 0.46  | 94.9      | 135.3069 | 48.2275 |
| 2009 | 6     | 9   | 11   | 6      | 40     | 0.3       | 2.3     | 0.5   | 97.5      | 135.113  | 51.8341 |
| 2009 | 6     | 9   | 11   | 16     | 40     | 0.3       | 2.3     | 0.56  | 99.2      | 135.113  | 56.4287 |
| 2009 | 6     | 9   | 11   | 26     | 40     | 0.3       | 2.3     | 0.5   | 93        | 134.9192 | 51.7597 |
| 2009 | 6     | 9   | 11   | 36     | 40     | 0.3       | 2.3     | 0.53  | 101.2     | 134.5317 | 53.1361 |
| 2009 | 6     | 9   | 11   | 46     | 40     | 0.3       | 2.3     | 0.54  | 96.7      | 134.3382 | 54.5824 |
| 2009 | 6     | 9   | 11   | 56     | 40     | 0.3       | 2.3     | 0.48  | 97.9      | 134.1447 | 49.0297 |
| 2009 | 6     | 9   | 12   | 6      | 40     | 0.3       | 2.3     | 0.51  | 96.3      | 134.1447 | 52.0708 |
| 2009 | 6     | 9   | 12   | 16     | 40     | 0.3       | 2.3     | 0.49  | 99.3      | 133.9513 | 49.87   |
| 2009 | 6     | 9   | 12   | 26     | 40     | 0.3       | 2.3     | 0.52  | 98.7      | 133.7579 | 52.8304 |
| 2009 | 6     | 9   | 12   | 36     | 40     | 0.3       | 2.3     | 0.53  | 99.3      | 133.7579 | 53.4369 |
| 2009 | 6     | 9   | 12   | 46     | 40     | 0.3       | 2.3     | 0.52  | 102.8     | 133.5647 | 51.8457 |
| 2009 | 6     | 9   | 12   | 56     | 40     | 0.3       | 2.3     | 0.52  | 100.5     | 133.5647 | 52.7541 |
| 2009 | 6     | 9   | 13   | 6      | 40     | 0.3       | 2.3     | 0.48  | 95.5      | 133.5647 | 49.1205 |
| 2009 | 6     | 9   | 13   | 16     | 40     | 0.3       | 2.3     | 0.45  | 99.3      | 133.5647 | 46.0925 |
| 2009 | 6     | 9   | 13   | 26     | 40     | 0.3       | 2.3     | 0.51  | 98.8      | 133.3716 | 52.0731 |
| 2009 | 6     | 9   | 13   | 36     | 40     | 0.3       | 2.3     | 0.5   | 98.2      | 133.3716 | 51.166  |
| 2009 | 6     | 9   | 13   | 46     | 40     | 0.3       | 2.3     | 0.51  | 101.2     | 133.3716 | 50.8637 |
| 2009 | 6     | 9   | 13   | 56     | 40     | 0.3       | 2.3     | 0.5   | 100.5     | 133.3716 | 50.8637 |
| 2009 | 6     | 9   | 14   | 6      | 40     | 0.3       | 2.3     | 0.46  | 97.4      | 133.3716 | 46.933  |
| 2009 | 6     | 9   | 14   | 16     | 40     | 0.3       | 2.3     | 0.47  | 95.6      | 133.1785 | 48.0727 |
| 2009 | 6     | 9   | 14   | 26     | 40     | 0.3       | 2.3     | 0.5   | 98        | 133.1785 | 50.4881 |
| 2009 | 6     | 9   | 14   | 36     | 40     | 0.3       | 2.3     | 0.49  | 98.8      | 132.9855 | 49.812  |
| 2009 | 6     | 9   | 14   | 46     | 40     | 0.3       | 2.3     | 0.49  | 100       | 132.7926 | 49.4387 |
| 2009 | 6     | 9   | 14   | 56     | 40     | 0.3       | 2.3     | 0.5   | 103.3     | 132.7926 | 49.7397 |
| 2009 | 6     | 9   | 15   | 6      | 40     | 0.3       | 2.3     | 0.48  | 100.5     | 132.7926 | 48.8366 |
| 2009 | 6     | 9   | 15   | 16     | 40     | 0.3       | 2.3     | 0.5   | 99.5      | 132.5998 | 50.2687 |
| 2009 | 6     | 9   | 15   | 26     | 40     | 0.3       | 2.3     | 0.5   | 99.8      | 132.4071 | 50.1957 |
| 2009 | 6     | 9   | 15   | 36     | 40     | 0.3       | 2.3     | 0.45  | 94.1      | 132.2144 | 46.5258 |
| 2009 | 6     | 9   | 15   | 46     | 40     | 0.3       | 2.3     | 0.52  | 96.2      | 132.0219 | 52.1447 |
| 2009 | 6     | 9   | 15   | 56     | 40     | 0.3       | 2.3     | 0.52  | 99.4      | 132.2144 | 52.2208 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 9   | 16   | 6      | 40     | 0.3       | 2.3     | 0.47  | 98.4      | 131.8294 | 47.5857 |
| 2009 | 6     | 9   | 16   | 16     | 40     | 0.3       | 2.3     | 0.45  | 98.8      | 131.8294 | 45.4937 |
| 2009 | 6     | 9   | 16   | 26     | 40     | 0.3       | 2.3     | 0.48  | 100.2     | 131.8294 | 48.1835 |
| 2009 | 6     | 9   | 16   | 36     | 40     | 0.3       | 2.3     | 0.44  | 103.8     | 131.8294 | 43.9994 |
| 2009 | 6     | 9   | 16   | 46     | 40     | 0.3       | 2.3     | 0.45  | 99.6      | 131.637  | 45.7257 |
| 2009 | 6     | 9   | 16   | 56     | 40     | 0.3       | 2.3     | 0.48  | 98.2      | 131.637  | 48.4116 |
| 2009 | 6     | 9   | 17   | 6      | 40     | 0.3       | 2.3     | 0.5   | 99.4      | 131.4447 | 50.1288 |
| 2009 | 6     | 9   | 17   | 16     | 40     | 0.3       | 2.3     | 0.48  | 96.7      | 131.4447 | 48.3409 |
| 2009 | 6     | 9   | 17   | 26     | 40     | 0.3       | 2.3     | 0.52  | 99.2      | 131.4447 | 51.3208 |
| 2009 | 6     | 9   | 17   | 36     | 40     | 0.3       | 2.3     | 0.52  | 98        | 131.4447 | 51.9168 |
| 2009 | 6     | 9   | 17   | 46     | 40     | 0.3       | 2.3     | 0.47  | 102.5     | 131.4447 | 46.8509 |
| 2009 | 6     | 9   | 17   | 56     | 40     | 0.3       | 2.3     | 0.49  | 97.7      | 131.4447 | 49.2348 |
| 2009 | 6     | 9   | 18   | 6      | 40     | 0.3       | 2.3     | 0.49  | 99.7      | 131.4447 | 48.6389 |
| 2009 | 6     | 9   | 18   | 16     | 40     | 0.3       | 2.3     | 0.51  | 97        | 131.4447 | 51.0228 |
| 2009 | 6     | 9   | 18   | 26     | 40     | 0.3       | 2.3     | 0.48  | 98.2      | 131.2525 | 48.2702 |
| 2009 | 6     | 9   | 18   | 36     | 40     | 0.3       | 2.3     | 0.43  | 101.8     | 131.2525 | 43.5093 |
| 2009 | 6     | 9   | 18   | 46     | 40     | 0.3       | 2.3     | 0.48  | 99.8      | 131.2525 | 48.2702 |
| 2009 | 6     | 9   | 18   | 56     | 40     | 0.3       | 2.3     | 0.48  | 99.5      | 131.2525 | 47.9726 |
| 2009 | 6     | 9   | 19   | 6      | 40     | 0.3       | 2.3     | 0.48  | 101.5     | 131.2525 | 47.3775 |
| 2009 | 6     | 9   | 19   | 16     | 40     | 0.3       | 2.3     | 0.46  | 96.1      | 131.2525 | 46.7824 |
| 2009 | 6     | 9   | 19   | 26     | 40     | 0.3       | 2.3     | 0.47  | 100.1     | 131.2525 | 46.7824 |
| 2009 | 6     | 9   | 19   | 36     | 40     | 0.3       | 2.3     | 0.49  | 100.4     | 131.2525 | 48.8653 |
| 2009 | 6     | 9   | 19   | 46     | 40     | 0.3       | 2.3     | 0.44  | 98.6      | 131.2525 | 44.6995 |
| 2009 | 6     | 9   | 19   | 56     | 40     | 0.3       | 2.3     | 0.44  | 99.4      | 131.0604 | 44.6341 |
| 2009 | 6     | 9   | 20   | 6      | 40     | 0.3       | 2.3     | 0.45  | 96.7      | 131.2525 | 45.5922 |
| 2009 | 6     | 9   | 20   | 16     | 40     | 0.3       | 2.3     | 0.5   | 100.6     | 131.0604 | 49.388  |
| 2009 | 6     | 9   | 20   | 26     | 40     | 0.3       | 2.3     | 0.48  | 99        | 131.0604 | 48.4966 |
| 2009 | 6     | 9   | 20   | 36     | 40     | 0.3       | 2.3     | 0.46  | 100.2     | 131.0604 | 46.4168 |
| 2009 | 6     | 9   | 20   | 46     | 40     | 0.3       | 2.3     | 0.48  | 97.8      | 131.0604 | 48.4966 |
| 2009 | 6     | 9   | 20   | 56     | 40     | 0.3       | 2.3     | 0.48  | 103.8     | 131.0604 | 47.6053 |
| 2009 | 6     | 9   | 21   | 6      | 40     | 0.3       | 2.3     | 0.44  | 104.1     | 131.0604 | 44.0398 |
| 2009 | 6     | 9   | 21   | 16     | 40     | 0.3       | 2.3     | 0.49  | 92.7      | 131.0604 | 49.388  |
| 2009 | 6     | 9   | 21   | 26     | 40     | 0.3       | 2.3     | 0.47  | 101.2     | 131.0604 | 47.011  |
| 2009 | 6     | 9   | 21   | 36     | 40     | 0.3       | 2.3     | 0.55  | 93.1      | 131.0604 | 54.7362 |
| 2009 | 6     | 9   | 21   | 46     | 40     | 0.3       | 2.3     | 0.51  | 104.4     | 131.0604 | 50.2794 |
| 2009 | 6     | 9   | 21   | 56     | 40     | 0.3       | 2.3     | 0.53  | 97.5      | 131.0604 | 52.6563 |
| 2009 | 6     | 9   | 22   | 6      | 40     | 0.3       | 2.3     | 0.39  | 96.8      | 131.0604 | 39.8801 |
| 2009 | 6     | 9   | 22   | 16     | 40     | 0.3       | 2.3     | 0.48  | 100.3     | 131.0604 | 47.6053 |
| 2009 | 6     | 9   | 22   | 26     | 40     | 0.3       | 2.3     | 0.46  | 98.2      | 131.0604 | 46.1197 |
| 2009 | 6     | 9   | 22   | 36     | 40     | 0.3       | 2.3     | 0.44  | 103.2     | 131.0604 | 44.3369 |
| 2009 | 6     | 9   | 22   | 46     | 40     | 0.3       | 2.3     | 0.51  | 94.4      | 131.0604 | 51.1707 |
| 2009 | 6     | 9   | 22   | 56     | 40     | 0.3       | 2.3     | 0.47  | 99.3      | 130.8683 | 46.9421 |
| 2009 | 6     | 9   | 23   | 6      | 40     | 0.3       | 2.3     | 0.49  | 101.6     | 130.8683 | 48.4256 |
| 2009 | 6     | 9   | 23   | 16     | 40     | 0.3       | 2.3     | 0.48  | 100.2     | 130.8683 | 47.8322 |
| 2009 | 6     | 9   | 23   | 26     | 40     | 0.3       | 2.3     | 0.47  | 102.4     | 130.8683 | 46.9421 |
| 2009 | 6     | 9   | 23   | 36     | 40     | 0.3       | 2.3     | 0.45  | 100.6     | 130.8683 | 44.8653 |
| 2009 | 6     | 9   | 23   | 46     | 40     | 0.3       | 2.3     | 0.47  | 100.4     | 130.8683 | 47.2388 |
| 2009 | 6     | 9   | 23   | 56     | 40     | 0.3       | 2.3     | 0.5   | 99.5      | 130.8683 | 49.3156 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 10  | 0    | 6      | 40     | 0.3       | 2.3     | 0.51  | 100.4     | 130.8683 | 50.5024 |
| 2009 | 6     | 10  | 0    | 16     | 40     | 0.3       | 2.3     | 0.47  | 101.4     | 130.8683 | 46.3488 |
| 2009 | 6     | 10  | 0    | 26     | 40     | 0.3       | 2.3     | 0.52  | 102.1     | 130.8683 | 50.7991 |
| 2009 | 6     | 10  | 0    | 36     | 40     | 0.3       | 2.3     | 0.43  | 101.4     | 130.8683 | 43.3819 |
| 2009 | 6     | 10  | 0    | 46     | 40     | 0.3       | 2.3     | 0.52  | 99.1      | 130.8683 | 51.3924 |
| 2009 | 6     | 10  | 0    | 56     | 40     | 0.3       | 2.3     | 0.53  | 101.7     | 130.8683 | 52.2825 |
| 2009 | 6     | 10  | 1    | 6      | 40     | 0.3       | 2.3     | 0.45  | 100.6     | 130.8683 | 44.8653 |
| 2009 | 6     | 10  | 1    | 16     | 40     | 0.3       | 2.3     | 0.5   | 97.5      | 130.6763 | 49.8358 |
| 2009 | 6     | 10  | 1    | 26     | 40     | 0.3       | 2.3     | 0.48  | 101       | 130.6763 | 47.762  |
| 2009 | 6     | 10  | 1    | 36     | 40     | 0.3       | 2.3     | 0.47  | 95.6      | 130.6763 | 47.1695 |
| 2009 | 6     | 10  | 1    | 46     | 40     | 0.3       | 2.3     | 0.47  | 97.6      | 130.6763 | 47.1695 |
| 2009 | 6     | 10  | 1    | 56     | 40     | 0.3       | 2.3     | 0.45  | 97.9      | 130.6763 | 45.6883 |
| 2009 | 6     | 10  | 2    | 6      | 40     | 0.3       | 2.3     | 0.52  | 103.2     | 130.6763 | 50.7245 |
| 2009 | 6     | 10  | 2    | 16     | 40     | 0.3       | 2.3     | 0.5   | 101.8     | 130.6763 | 48.947  |
| 2009 | 6     | 10  | 2    | 26     | 40     | 0.3       | 2.3     | 0.44  | 98.9      | 130.6763 | 44.7995 |
| 2009 | 6     | 10  | 2    | 36     | 40     | 0.3       | 2.3     | 0.45  | 105.3     | 130.6763 | 44.207  |
| 2009 | 6     | 10  | 2    | 46     | 40     | 0.3       | 2.3     | 0.48  | 94.7      | 130.6763 | 48.6508 |
| 2009 | 6     | 10  | 2    | 56     | 40     | 0.3       | 2.3     | 0.51  | 104       | 130.6763 | 50.132  |
| 2009 | 6     | 10  | 3    | 6      | 40     | 0.3       | 2.3     | 0.43  | 100.9     | 130.6763 | 43.6145 |
| 2009 | 6     | 10  | 3    | 16     | 40     | 0.3       | 2.3     | 0.47  | 98        | 130.6763 | 47.4658 |
| 2009 | 6     | 10  | 3    | 26     | 40     | 0.3       | 2.3     | 0.5   | 99.5      | 130.4845 | 49.171  |
| 2009 | 6     | 10  | 3    | 36     | 40     | 0.3       | 2.3     | 0.45  | 98.4      | 130.4845 | 45.3254 |
| 2009 | 6     | 10  | 3    | 46     | 40     | 0.3       | 2.3     | 0.52  | 97.9      | 130.4845 | 51.8333 |
| 2009 | 6     | 10  | 3    | 56     | 40     | 0.3       | 2.3     | 0.49  | 98.5      | 130.4845 | 48.8752 |
| 2009 | 6     | 10  | 4    | 6      | 40     | 0.3       | 2.3     | 0.47  | 101.2     | 130.4845 | 47.1003 |
| 2009 | 6     | 10  | 4    | 16     | 40     | 0.3       | 2.3     | 0.54  | 97        | 130.4845 | 53.3124 |
| 2009 | 6     | 10  | 4    | 26     | 40     | 0.3       | 2.3     | 0.49  | 97.3      | 130.4845 | 48.8752 |
| 2009 | 6     | 10  | 4    | 36     | 40     | 0.3       | 2.3     | 0.42  | 100.9     | 130.4845 | 42.0714 |
| 2009 | 6     | 10  | 4    | 46     | 40     | 0.3       | 2.3     | 0.48  | 96.6      | 130.4845 | 48.2835 |
| 2009 | 6     | 10  | 4    | 56     | 40     | 0.3       | 2.3     | 0.46  | 100.2     | 130.4845 | 46.2128 |
| 2009 | 6     | 10  | 5    | 6      | 40     | 0.3       | 2.3     | 0.47  | 101.2     | 130.4845 | 46.8045 |
| 2009 | 6     | 10  | 5    | 16     | 40     | 0.3       | 2.3     | 0.5   | 99.1      | 130.2927 | 49.3941 |
| 2009 | 6     | 10  | 5    | 26     | 40     | 0.3       | 2.3     | 0.52  | 100.2     | 130.2927 | 51.1664 |
| 2009 | 6     | 10  | 5    | 36     | 40     | 0.3       | 2.3     | 0.48  | 100.5     | 130.2927 | 47.9172 |
| 2009 | 6     | 10  | 5    | 46     | 40     | 0.3       | 2.3     | 0.52  | 99.1      | 130.2927 | 51.1664 |
| 2009 | 6     | 10  | 5    | 56     | 40     | 0.3       | 2.3     | 0.44  | 102.8     | 130.2927 | 44.0772 |
| 2009 | 6     | 10  | 6    | 6      | 40     | 0.3       | 2.3     | 0.52  | 101.9     | 130.2927 | 51.1664 |
| 2009 | 6     | 10  | 6    | 16     | 40     | 0.3       | 2.3     | 0.48  | 98.3      | 130.2927 | 47.6218 |
| 2009 | 6     | 10  | 6    | 26     | 40     | 0.3       | 2.3     | 0.45  | 103       | 130.101  | 44.6023 |
| 2009 | 6     | 10  | 6    | 36     | 40     | 0.3       | 2.3     | 0.47  | 96        | 130.101  | 46.9618 |
| 2009 | 6     | 10  | 6    | 46     | 40     | 0.3       | 2.3     | 0.49  | 98.5      | 130.101  | 48.7315 |
| 2009 | 6     | 10  | 6    | 56     | 40     | 0.3       | 2.3     | 0.51  | 97.4      | 130.101  | 50.5012 |
| 2009 | 6     | 10  | 7    | 6      | 40     | 0.3       | 2.3     | 0.47  | 100.4     | 130.101  | 46.6669 |
| 2009 | 6     | 10  | 7    | 16     | 40     | 0.3       | 2.3     | 0.4   | 101.9     | 130.101  | 40.1781 |
| 2009 | 6     | 10  | 7    | 26     | 40     | 0.3       | 2.3     | 0.48  | 99.8      | 129.9093 | 47.4817 |
| 2009 | 6     | 10  | 7    | 36     | 40     | 0.3       | 2.3     | 0.43  | 98.7      | 129.9093 | 43.3585 |
| 2009 | 6     | 10  | 7    | 46     | 40     | 0.3       | 2.3     | 0.44  | 99.4      | 129.9093 | 44.2421 |
| 2009 | 6     | 10  | 7    | 56     | 40     | 0.3       | 2.3     | 0.48  | 101.9     | 129.9093 | 46.8927 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 10  | 8    | 6      | 40     | 0.3       | 2.3     | 0.46  | 103.1     | 129.7178 | 45.6472 |
| 2009 | 6     | 10  | 8    | 16     | 40     | 0.3       | 2.3     | 0.46  | 99.9      | 129.5264 | 45.5799 |
| 2009 | 6     | 10  | 8    | 26     | 40     | 0.3       | 2.3     | 0.46  | 101.6     | 129.5264 | 45.2862 |
| 2009 | 6     | 10  | 8    | 36     | 40     | 0.3       | 2.3     | 0.44  | 96        | 129.335  | 44.0465 |
| 2009 | 6     | 10  | 8    | 46     | 40     | 0.3       | 2.3     | 0.5   | 94.5      | 129.1438 | 49.8369 |
| 2009 | 6     | 10  | 8    | 56     | 40     | 0.3       | 2.3     | 0.44  | 102       | 129.1438 | 43.6886 |
| 2009 | 6     | 10  | 9    | 6      | 40     | 0.3       | 2.3     | 0.48  | 100.5     | 129.1438 | 47.4947 |
| 2009 | 6     | 10  | 9    | 16     | 40     | 0.3       | 2.3     | 0.42  | 94.5      | 129.1438 | 42.2247 |
| 2009 | 6     | 10  | 9    | 26     | 40     | 0.3       | 2.3     | 0.48  | 103.2     | 129.1438 | 46.3235 |
| 2009 | 6     | 10  | 9    | 36     | 40     | 0.3       | 2.3     | 0.48  | 107       | 128.9526 | 46.255  |
| 2009 | 6     | 10  | 9    | 46     | 40     | 0.3       | 2.3     | 0.51  | 97.1      | 128.9526 | 49.7631 |
| 2009 | 6     | 10  | 9    | 56     | 40     | 0.3       | 2.3     | 0.52  | 97.3      | 128.9526 | 50.6401 |
| 2009 | 6     | 10  | 10   | 6      | 40     | 0.3       | 2.3     | 0.44  | 100       | 128.9526 | 43.3315 |
| 2009 | 6     | 10  | 10   | 16     | 40     | 0.3       | 2.3     | 0.46  | 99.5      | 128.9526 | 45.0856 |
| 2009 | 6     | 10  | 10   | 26     | 40     | 0.3       | 2.3     | 0.49  | 96.9      | 128.9526 | 48.5937 |
| 2009 | 6     | 10  | 10   | 36     | 40     | 0.3       | 2.3     | 0.5   | 97.5      | 128.9526 | 49.4707 |
| 2009 | 6     | 10  | 10   | 46     | 40     | 0.3       | 2.3     | 0.46  | 104.1     | 128.9526 | 44.5009 |
| 2009 | 6     | 10  | 10   | 56     | 40     | 0.3       | 2.3     | 0.45  | 100.1     | 128.9526 | 44.5009 |
| 2009 | 6     | 10  | 11   | 6      | 40     | 0.3       | 2.3     | 0.43  | 97.9      | 128.7615 | 42.6835 |
| 2009 | 6     | 10  | 11   | 16     | 40     | 0.3       | 2.3     | 0.52  | 97.3      | 128.7615 | 50.857  |
| 2009 | 6     | 10  | 11   | 26     | 40     | 0.3       | 2.3     | 0.48  | 100.7     | 128.7615 | 46.7702 |
| 2009 | 6     | 10  | 11   | 36     | 40     | 0.3       | 2.3     | 0.47  | 100.9     | 128.7615 | 45.8945 |
| 2009 | 6     | 10  | 11   | 46     | 40     | 0.3       | 2.3     | 0.47  | 99.6      | 128.7615 | 46.4783 |
| 2009 | 6     | 10  | 11   | 56     | 40     | 0.3       | 2.3     | 0.46  | 103.6     | 128.7615 | 44.7269 |
| 2009 | 6     | 10  | 12   | 6      | 40     | 0.3       | 2.3     | 0.44  | 96.5      | 128.7615 | 43.5592 |
| 2009 | 6     | 10  | 12   | 16     | 40     | 0.3       | 2.3     | 0.49  | 95.7      | 128.7615 | 48.5217 |
| 2009 | 6     | 10  | 12   | 26     | 40     | 0.3       | 2.3     | 0.49  | 103.9     | 128.7615 | 47.646  |
| 2009 | 6     | 10  | 12   | 36     | 40     | 0.3       | 2.3     | 0.43  | 99.2      | 128.7615 | 42.6835 |
| 2009 | 6     | 10  | 12   | 46     | 40     | 0.3       | 2.3     | 0.44  | 97.7      | 128.7615 | 43.8511 |
| 2009 | 6     | 10  | 12   | 56     | 40     | 0.3       | 2.3     | 0.38  | 99        | 128.7615 | 38.3049 |
| 2009 | 6     | 10  | 13   | 6      | 40     | 0.3       | 2.3     | 0.49  | 95.7      | 128.7615 | 48.5217 |
| 2009 | 6     | 10  | 13   | 16     | 40     | 0.3       | 2.3     | 0.44  | 100       | 128.7615 | 43.2673 |
| 2009 | 6     | 10  | 13   | 26     | 40     | 0.3       | 2.3     | 0.44  | 104.1     | 128.7615 | 43.2673 |
| 2009 | 6     | 10  | 13   | 36     | 40     | 0.3       | 2.3     | 0.47  | 91.2      | 128.7615 | 46.7702 |
| 2009 | 6     | 10  | 13   | 46     | 40     | 0.3       | 2.3     | 0.46  | 101.1     | 128.7615 | 45.0188 |
| 2009 | 6     | 10  | 13   | 56     | 40     | 0.3       | 2.3     | 0.47  | 102.4     | 128.7615 | 46.1864 |
| 2009 | 6     | 10  | 14   | 6      | 40     | 0.3       | 2.3     | 0.52  | 100.9     | 128.7615 | 50.5651 |
| 2009 | 6     | 10  | 14   | 16     | 40     | 0.3       | 2.3     | 0.43  | 104.3     | 128.7615 | 41.8078 |
| 2009 | 6     | 10  | 14   | 26     | 40     | 0.3       | 2.3     | 0.49  | 97.6      | 128.5705 | 48.4497 |
| 2009 | 6     | 10  | 14   | 36     | 40     | 0.3       | 2.3     | 0.48  | 98.7      | 128.5705 | 46.9923 |
| 2009 | 6     | 10  | 14   | 46     | 40     | 0.3       | 2.3     | 0.47  | 99.7      | 128.5705 | 45.8264 |
| 2009 | 6     | 10  | 14   | 56     | 40     | 0.3       | 2.3     | 0.46  | 96.2      | 128.5705 | 45.2435 |
| 2009 | 6     | 10  | 15   | 6      | 40     | 0.3       | 2.3     | 0.44  | 98.6      | 128.7615 | 43.8511 |
| 2009 | 6     | 10  | 15   | 16     | 40     | 0.3       | 2.3     | 0.4   | 99        | 128.5705 | 39.9969 |
| 2009 | 6     | 10  | 15   | 26     | 40     | 0.3       | 2.3     | 0.45  | 95.4      | 128.7615 | 45.3107 |
| 2009 | 6     | 10  | 15   | 36     | 40     | 0.3       | 2.3     | 0.5   | 98        | 128.5705 | 48.7412 |
| 2009 | 6     | 10  | 15   | 46     | 40     | 0.3       | 2.3     | 0.5   | 99.2      | 128.7615 | 48.5217 |
| 2009 | 6     | 10  | 15   | 56     | 40     | 0.3       | 2.3     | 0.48  | 97.5      | 128.5705 | 46.9923 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 10  | 16   | 6      | 40     | 0.3       | 2.3     | 0.45  | 98.4      | 128.5705 | 44.6605 |
| 2009 | 6     | 10  | 16   | 16     | 40     | 0.3       | 2.3     | 0.5   | 97.2      | 128.5705 | 48.7412 |
| 2009 | 6     | 10  | 16   | 26     | 40     | 0.3       | 2.3     | 0.43  | 105.8     | 128.5705 | 42.0372 |
| 2009 | 6     | 10  | 16   | 36     | 40     | 0.3       | 2.3     | 0.48  | 101.5     | 128.5705 | 46.4094 |
| 2009 | 6     | 10  | 16   | 46     | 40     | 0.3       | 2.3     | 0.46  | 98.9      | 128.5705 | 45.8264 |
| 2009 | 6     | 10  | 16   | 56     | 40     | 0.3       | 2.3     | 0.47  | 100.1     | 128.5705 | 46.1179 |
| 2009 | 6     | 10  | 17   | 6      | 40     | 0.3       | 2.3     | 0.46  | 97        | 128.7615 | 45.3107 |
| 2009 | 6     | 10  | 17   | 16     | 40     | 0.3       | 2.3     | 0.44  | 96.9      | 128.5705 | 43.7861 |
| 2009 | 6     | 10  | 17   | 26     | 40     | 0.3       | 2.3     | 0.44  | 101.1     | 128.5705 | 43.4946 |
| 2009 | 6     | 10  | 17   | 36     | 40     | 0.3       | 2.3     | 0.49  | 97.6      | 128.5705 | 48.4497 |
| 2009 | 6     | 10  | 17   | 46     | 40     | 0.3       | 2.3     | 0.44  | 97.7      | 128.5705 | 43.7861 |
| 2009 | 6     | 10  | 17   | 56     | 40     | 0.3       | 2.3     | 0.47  | 105.1     | 128.5705 | 44.952  |
| 2009 | 6     | 10  | 18   | 6      | 40     | 0.3       | 2.3     | 0.47  | 102.5     | 128.5705 | 45.8264 |
| 2009 | 6     | 10  | 18   | 16     | 40     | 0.3       | 2.3     | 0.47  | 99.3      | 128.5705 | 46.1179 |
| 2009 | 6     | 10  | 18   | 26     | 40     | 0.3       | 2.3     | 0.46  | 96.9      | 128.5705 | 45.8264 |
| 2009 | 6     | 10  | 18   | 36     | 40     | 0.3       | 2.3     | 0.44  | 99.5      | 128.5705 | 43.4946 |
| 2009 | 6     | 10  | 18   | 46     | 40     | 0.3       | 2.3     | 0.49  | 100.9     | 128.5705 | 47.5753 |
| 2009 | 6     | 10  | 18   | 56     | 40     | 0.3       | 2.3     | 0.44  | 101.1     | 128.5705 | 43.4946 |
| 2009 | 6     | 10  | 19   | 6      | 40     | 0.3       | 2.3     | 0.45  | 93.7      | 128.5705 | 45.2435 |
| 2009 | 6     | 10  | 19   | 16     | 40     | 0.3       | 2.3     | 0.41  | 100.5     | 128.5705 | 41.1628 |
| 2009 | 6     | 10  | 19   | 26     | 40     | 0.3       | 2.3     | 0.47  | 99.7      | 128.5705 | 45.8264 |
| 2009 | 6     | 10  | 19   | 36     | 40     | 0.3       | 2.3     | 0.4   | 104.1     | 128.5705 | 39.7054 |
| 2009 | 6     | 10  | 19   | 46     | 40     | 0.3       | 2.3     | 0.44  | 101.6     | 128.5705 | 43.4946 |
| 2009 | 6     | 10  | 19   | 56     | 40     | 0.3       | 2.3     | 0.46  | 99.5      | 128.5705 | 45.2435 |
| 2009 | 6     | 10  | 20   | 6      | 40     | 0.3       | 2.3     | 0.43  | 103.6     | 128.5705 | 42.3287 |
| 2009 | 6     | 10  | 20   | 16     | 40     | 0.3       | 2.3     | 0.46  | 96.2      | 128.5705 | 45.2435 |
| 2009 | 6     | 10  | 20   | 26     | 40     | 0.3       | 2.3     | 0.46  | 99.9      | 128.5705 | 44.952  |
| 2009 | 6     | 10  | 20   | 36     | 40     | 0.3       | 2.3     | 0.47  | 96.4      | 128.7615 | 46.7702 |
| 2009 | 6     | 10  | 20   | 46     | 40     | 0.3       | 2.3     | 0.45  | 100.6     | 128.5705 | 44.0776 |
| 2009 | 6     | 10  | 20   | 56     | 40     | 0.3       | 2.3     | 0.48  | 95.5      | 128.7615 | 47.3541 |
| 2009 | 6     | 10  | 21   | 6      | 40     | 0.3       | 2.3     | 0.43  | 101.5     | 128.7615 | 42.3916 |
| 2009 | 6     | 10  | 21   | 16     | 40     | 0.3       | 2.3     | 0.49  | 95        | 128.5705 | 48.1582 |
| 2009 | 6     | 10  | 21   | 26     | 40     | 0.3       | 2.3     | 0.48  | 101.8     | 128.5705 | 46.9923 |
| 2009 | 6     | 10  | 21   | 36     | 40     | 0.3       | 2.3     | 0.47  | 102.5     | 128.5705 | 45.8264 |
| 2009 | 6     | 10  | 21   | 46     | 40     | 0.3       | 2.3     | 0.46  | 100.7     | 128.5705 | 45.2435 |
| 2009 | 6     | 10  | 21   | 56     | 40     | 0.3       | 2.3     | 0.44  | 96.1      | 128.5705 | 43.4946 |
| 2009 | 6     | 10  | 22   | 6      | 40     | 0.3       | 2.3     | 0.49  | 92.3      | 128.5705 | 48.4497 |
| 2009 | 6     | 10  | 22   | 16     | 40     | 0.3       | 2.3     | 0.44  | 101.1     | 128.5705 | 43.7861 |
| 2009 | 6     | 10  | 22   | 26     | 40     | 0.3       | 2.3     | 0.49  | 97.4      | 128.5705 | 47.8668 |
| 2009 | 6     | 10  | 22   | 36     | 40     | 0.3       | 2.3     | 0.46  | 102.8     | 128.5705 | 44.6605 |
| 2009 | 6     | 10  | 22   | 46     | 40     | 0.3       | 2.3     | 0.44  | 98.6      | 128.5705 | 43.4946 |
| 2009 | 6     | 10  | 22   | 56     | 40     | 0.3       | 2.3     | 0.51  | 101.2     | 128.5705 | 49.0327 |
| 2009 | 6     | 10  | 23   | 6      | 40     | 0.3       | 2.3     | 0.47  | 94.8      | 128.5705 | 46.4094 |
| 2009 | 6     | 10  | 23   | 16     | 40     | 0.3       | 2.3     | 0.47  | 100.9     | 128.5705 | 45.8264 |
| 2009 | 6     | 10  | 23   | 26     | 40     | 0.3       | 2.3     | 0.47  | 99.7      | 128.5705 | 45.8264 |
| 2009 | 6     | 10  | 23   | 36     | 40     | 0.3       | 2.3     | 0.46  | 98.6      | 128.5705 | 45.535  |
| 2009 | 6     | 10  | 23   | 46     | 40     | 0.3       | 2.3     | 0.5   | 100.9     | 128.5705 | 48.7412 |
| 2009 | 6     | 10  | 23   | 56     | 40     | 0.3       | 2.3     | 0.43  | 98.9      | 128.5705 | 42.3287 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 11  | 0    | 6      | 40     | 0.3       | 2.3     | 0.45  | 103.8     | 128.5705 | 44.0776 |
| 2009 | 6     | 11  | 0    | 16     | 40     | 0.3       | 2.3     | 0.43  | 98.3      | 128.5705 | 43.2031 |
| 2009 | 6     | 11  | 0    | 26     | 40     | 0.3       | 2.3     | 0.4   | 97.5      | 128.5705 | 40.2884 |
| 2009 | 6     | 11  | 0    | 36     | 40     | 0.3       | 2.3     | 0.44  | 95.2      | 128.5705 | 43.7861 |
| 2009 | 6     | 11  | 0    | 46     | 40     | 0.3       | 2.3     | 0.48  | 99.4      | 128.5705 | 47.2838 |
| 2009 | 6     | 11  | 0    | 56     | 40     | 0.3       | 2.3     | 0.46  | 101.9     | 128.7615 | 45.3107 |
| 2009 | 6     | 11  | 1    | 6      | 40     | 0.3       | 2.3     | 0.5   | 101.4     | 128.5705 | 48.4497 |
| 2009 | 6     | 11  | 1    | 16     | 40     | 0.3       | 2.3     | 0.39  | 95.3      | 128.5705 | 39.7054 |
| 2009 | 6     | 11  | 1    | 26     | 40     | 0.3       | 2.3     | 0.44  | 96.9      | 128.5705 | 43.7861 |
| 2009 | 6     | 11  | 1    | 36     | 40     | 0.3       | 2.3     | 0.46  | 98.2      | 128.5705 | 45.2435 |
| 2009 | 6     | 11  | 1    | 46     | 40     | 0.3       | 2.3     | 0.46  | 102.8     | 128.5705 | 44.6605 |
| 2009 | 6     | 11  | 1    | 56     | 40     | 0.3       | 2.3     | 0.5   | 97.6      | 128.5705 | 48.7412 |
| 2009 | 6     | 11  | 2    | 6      | 40     | 0.3       | 2.3     | 0.52  | 98.6      | 128.5705 | 51.073  |
| 2009 | 6     | 11  | 2    | 16     | 40     | 0.3       | 2.3     | 0.5   | 97.9      | 128.5705 | 49.3242 |
| 2009 | 6     | 11  | 2    | 26     | 40     | 0.3       | 2.3     | 0.49  | 101.5     | 128.5705 | 47.8668 |
| 2009 | 6     | 11  | 2    | 36     | 40     | 0.3       | 2.3     | 0.47  | 99.2      | 128.5705 | 46.4094 |
| 2009 | 6     | 11  | 2    | 46     | 40     | 0.3       | 2.3     | 0.47  | 104.6     | 128.5705 | 45.2435 |
| 2009 | 6     | 11  | 2    | 56     | 40     | 0.3       | 2.3     | 0.47  | 101.2     | 128.5705 | 46.4094 |
| 2009 | 6     | 11  | 3    | 6      | 40     | 0.3       | 2.3     | 0.46  | 99.1      | 128.5705 | 45.2435 |
| 2009 | 6     | 11  | 3    | 16     | 40     | 0.3       | 2.3     | 0.48  | 100.3     | 128.5705 | 46.7009 |
| 2009 | 6     | 11  | 3    | 26     | 40     | 0.3       | 2.3     | 0.5   | 99        | 128.5705 | 49.0327 |
| 2009 | 6     | 11  | 3    | 36     | 40     | 0.3       | 2.3     | 0.47  | 102.4     | 128.5705 | 46.1179 |
| 2009 | 6     | 11  | 3    | 46     | 40     | 0.3       | 2.3     | 0.46  | 98.2      | 128.5705 | 45.535  |
| 2009 | 6     | 11  | 3    | 56     | 40     | 0.3       | 2.3     | 0.45  | 100.1     | 128.5705 | 44.3691 |
| 2009 | 6     | 11  | 4    | 6      | 40     | 0.3       | 2.3     | 0.5   | 96.8      | 128.5705 | 49.3242 |
| 2009 | 6     | 11  | 4    | 16     | 40     | 0.3       | 2.3     | 0.48  | 98.3      | 128.5705 | 46.9923 |
| 2009 | 6     | 11  | 4    | 26     | 40     | 0.3       | 2.3     | 0.42  | 100.3     | 128.5705 | 42.0372 |
| 2009 | 6     | 11  | 4    | 36     | 40     | 0.3       | 2.3     | 0.43  | 103.1     | 128.5705 | 42.6202 |
| 2009 | 6     | 11  | 4    | 46     | 40     | 0.3       | 2.3     | 0.47  | 97.2      | 128.5705 | 46.4094 |
| 2009 | 6     | 11  | 4    | 56     | 40     | 0.3       | 2.3     | 0.45  | 99.6      | 128.5705 | 44.6605 |
| 2009 | 6     | 11  | 5    | 6      | 40     | 0.3       | 2.3     | 0.48  | 106.2     | 128.5705 | 46.1179 |
| 2009 | 6     | 11  | 5    | 16     | 40     | 0.3       | 2.3     | 0.49  | 97.3      | 128.5705 | 48.1582 |
| 2009 | 6     | 11  | 5    | 26     | 40     | 0.3       | 2.3     | 0.45  | 103.5     | 128.5705 | 43.7861 |
| 2009 | 6     | 11  | 5    | 36     | 40     | 0.3       | 2.3     | 0.5   | 97.2      | 128.5705 | 48.7412 |
| 2009 | 6     | 11  | 5    | 46     | 40     | 0.3       | 2.3     | 0.49  | 96.2      | 128.5705 | 47.8668 |
| 2009 | 6     | 11  | 5    | 56     | 40     | 0.3       | 2.3     | 0.46  | 102.4     | 128.5705 | 44.952  |
| 2009 | 6     | 11  | 6    | 6      | 40     | 0.3       | 2.3     | 0.47  | 103.4     | 128.3796 | 45.4674 |
| 2009 | 6     | 11  | 6    | 16     | 40     | 0.3       | 2.3     | 0.48  | 102.3     | 128.5705 | 46.4094 |
| 2009 | 6     | 11  | 6    | 26     | 40     | 0.3       | 2.3     | 0.48  | 100.5     | 128.5705 | 47.2838 |
| 2009 | 6     | 11  | 6    | 36     | 40     | 0.3       | 2.3     | 0.48  | 97.5      | 128.3796 | 47.2136 |
| 2009 | 6     | 11  | 6    | 46     | 40     | 0.3       | 2.3     | 0.5   | 99.8      | 128.3796 | 48.6688 |
| 2009 | 6     | 11  | 6    | 56     | 40     | 0.3       | 2.3     | 0.49  | 103.9     | 128.3796 | 47.5047 |
| 2009 | 6     | 11  | 7    | 6      | 40     | 0.3       | 2.3     | 0.44  | 103.7     | 128.3796 | 43.139  |
| 2009 | 6     | 11  | 7    | 16     | 40     | 0.3       | 2.3     | 0.44  | 103       | 128.3796 | 42.8479 |
| 2009 | 6     | 11  | 7    | 26     | 40     | 0.3       | 2.3     | 0.49  | 102.4     | 128.3796 | 47.5047 |
| 2009 | 6     | 11  | 7    | 36     | 40     | 0.3       | 2.3     | 0.44  | 105.5     | 128.3796 | 42.8479 |
| 2009 | 6     | 11  | 7    | 46     | 40     | 0.3       | 2.3     | 0.47  | 102.2     | 128.3796 | 45.4674 |
| 2009 | 6     | 11  | 7    | 56     | 40     | 0.3       | 2.3     | 0.45  | 100.6     | 128.3796 | 44.0121 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 11  | 8    | 6      | 40     | 0.3       | 2.3     | 0.39  | 97.3      | 128.3796 | 39.0644 |
| 2009 | 6     | 11  | 8    | 16     | 40     | 0.3       | 2.3     | 0.49  | 99.7      | 128.3796 | 47.7957 |
| 2009 | 6     | 11  | 8    | 26     | 40     | 0.3       | 2.3     | 0.52  | 94        | 128.3796 | 51.2882 |
| 2009 | 6     | 11  | 8    | 36     | 40     | 0.3       | 2.3     | 0.45  | 102.1     | 128.3796 | 44.3032 |
| 2009 | 6     | 11  | 8    | 46     | 40     | 0.3       | 2.3     | 0.46  | 100.3     | 128.3796 | 44.8853 |
| 2009 | 6     | 11  | 8    | 56     | 40     | 0.3       | 2.3     | 0.48  | 100.5     | 128.3796 | 47.2136 |
| 2009 | 6     | 11  | 9    | 6      | 40     | 0.3       | 2.3     | 0.43  | 102.2     | 128.3796 | 42.5569 |
| 2009 | 6     | 11  | 9    | 16     | 40     | 0.3       | 2.3     | 0.48  | 107.7     | 128.3796 | 45.1763 |
| 2009 | 6     | 11  | 9    | 26     | 40     | 0.3       | 2.3     | 0.44  | 104.5     | 128.3796 | 43.139  |
| 2009 | 6     | 11  | 9    | 36     | 40     | 0.3       | 2.3     | 0.4   | 96.7      | 128.3796 | 39.9375 |
| 2009 | 6     | 11  | 9    | 46     | 40     | 0.3       | 2.3     | 0.43  | 100.6     | 128.3796 | 42.2659 |
| 2009 | 6     | 11  | 9    | 56     | 40     | 0.3       | 2.3     | 0.49  | 97.7      | 128.3796 | 47.7957 |
| 2009 | 6     | 11  | 10   | 6      | 40     | 0.3       | 2.3     | 0.46  | 94.5      | 128.3796 | 45.7584 |
| 2009 | 6     | 11  | 10   | 16     | 40     | 0.3       | 2.3     | 0.45  | 97.5      | 128.3796 | 44.8853 |
| 2009 | 6     | 11  | 10   | 26     | 40     | 0.3       | 2.3     | 0.52  | 96.1      | 128.3796 | 50.9972 |
| 2009 | 6     | 11  | 10   | 36     | 40     | 0.3       | 2.3     | 0.47  | 100.1     | 128.1888 | 45.981  |
| 2009 | 6     | 11  | 10   | 46     | 40     | 0.3       | 2.3     | 0.47  | 102.2     | 128.3796 | 45.4674 |
| 2009 | 6     | 11  | 10   | 56     | 40     | 0.3       | 2.3     | 0.47  | 96        | 128.1888 | 46.2716 |
| 2009 | 6     | 11  | 11   | 6      | 40     | 0.3       | 2.3     | 0.46  | 96.2      | 128.1888 | 45.1092 |
| 2009 | 6     | 11  | 11   | 16     | 40     | 0.3       | 2.3     | 0.5   | 94.1      | 128.1888 | 49.4683 |
| 2009 | 6     | 11  | 11   | 26     | 40     | 0.3       | 2.3     | 0.5   | 99.1      | 128.1888 | 48.5965 |
| 2009 | 6     | 11  | 11   | 36     | 40     | 0.3       | 2.3     | 0.41  | 100.5     | 128.1888 | 41.0406 |
| 2009 | 6     | 11  | 11   | 46     | 40     | 0.3       | 2.3     | 0.46  | 103.1     | 128.1888 | 45.1092 |
| 2009 | 6     | 11  | 11   | 56     | 40     | 0.3       | 2.3     | 0.47  | 96.8      | 128.1888 | 46.2716 |
| 2009 | 6     | 11  | 12   | 6      | 40     | 0.3       | 2.3     | 0.49  | 96.6      | 127.998  | 47.9438 |
| 2009 | 6     | 11  | 12   | 16     | 40     | 0.3       | 2.3     | 0.49  | 96.9      | 127.6169 | 47.8011 |
| 2009 | 6     | 11  | 12   | 26     | 40     | 0.3       | 2.3     | 0.49  | 96.2      | 127.8074 | 47.8724 |
| 2009 | 6     | 11  | 12   | 36     | 40     | 0.3       | 2.3     | 0.46  | 102       | 127.998  | 44.7519 |
| 2009 | 6     | 11  | 12   | 46     | 40     | 0.3       | 2.3     | 0.46  | 95.7      | 127.8074 | 45.5544 |
| 2009 | 6     | 11  | 12   | 56     | 40     | 0.3       | 2.3     | 0.49  | 100.1     | 127.8074 | 47.2929 |
| 2009 | 6     | 11  | 13   | 6      | 40     | 0.3       | 2.3     | 0.46  | 98.2      | 127.8074 | 45.2647 |
| 2009 | 6     | 11  | 13   | 16     | 40     | 0.3       | 2.3     | 0.48  | 99.8      | 127.8074 | 47.0032 |
| 2009 | 6     | 11  | 13   | 26     | 40     | 0.3       | 2.3     | 0.46  | 98.6      | 127.8074 | 45.2647 |
| 2009 | 6     | 11  | 13   | 36     | 40     | 0.3       | 2.3     | 0.47  | 98.4      | 127.8074 | 46.4237 |
| 2009 | 6     | 11  | 13   | 46     | 40     | 0.3       | 2.3     | 0.48  | 101.4     | 127.8074 | 46.7134 |
| 2009 | 6     | 11  | 13   | 56     | 40     | 0.3       | 2.3     | 0.47  | 99.3      | 127.6169 | 45.4865 |
| 2009 | 6     | 11  | 14   | 6      | 40     | 0.3       | 2.3     | 0.47  | 99.7      | 127.6169 | 45.4865 |
| 2009 | 6     | 11  | 14   | 16     | 40     | 0.3       | 2.3     | 0.46  | 99.8      | 127.8074 | 45.2647 |
| 2009 | 6     | 11  | 14   | 26     | 40     | 0.3       | 2.3     | 0.46  | 96.2      | 127.6169 | 45.1972 |
| 2009 | 6     | 11  | 14   | 36     | 40     | 0.3       | 2.3     | 0.43  | 101.8     | 127.6169 | 42.3041 |
| 2009 | 6     | 11  | 14   | 46     | 40     | 0.3       | 2.3     | 0.49  | 100.4     | 127.6169 | 47.5117 |
| 2009 | 6     | 11  | 14   | 56     | 40     | 0.3       | 2.3     | 0.48  | 98.2      | 127.8074 | 47.0032 |
| 2009 | 6     | 11  | 15   | 6      | 40     | 0.3       | 2.3     | 0.45  | 99.3      | 127.6169 | 44.04   |
| 2009 | 6     | 11  | 15   | 16     | 40     | 0.3       | 2.3     | 0.5   | 99.8      | 127.6169 | 48.3797 |
| 2009 | 6     | 11  | 15   | 26     | 40     | 0.3       | 2.3     | 0.47  | 101.7     | 127.6169 | 45.4865 |
| 2009 | 6     | 11  | 15   | 36     | 40     | 0.3       | 2.3     | 0.47  | 100.1     | 127.6169 | 45.4865 |
| 2009 | 6     | 11  | 15   | 46     | 40     | 0.3       | 2.3     | 0.45  | 97.1      | 127.6169 | 44.6186 |
| 2009 | 6     | 11  | 15   | 56     | 40     | 0.3       | 2.3     | 0.48  | 100.2     | 127.4264 | 46.5742 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 11  | 16   | 6      | 40     | 0.3       | 2.3     | 0.52  | 94.3      | 127.6169 | 50.9835 |
| 2009 | 6     | 11  | 16   | 16     | 40     | 0.3       | 2.3     | 0.47  | 99.3      | 127.4264 | 45.4186 |
| 2009 | 6     | 11  | 16   | 26     | 40     | 0.3       | 2.3     | 0.5   | 98        | 127.4264 | 48.3075 |
| 2009 | 6     | 11  | 16   | 36     | 40     | 0.3       | 2.3     | 0.46  | 99.5      | 127.4264 | 44.8409 |
| 2009 | 6     | 11  | 16   | 46     | 40     | 0.3       | 2.3     | 0.44  | 96.8      | 127.4264 | 43.6853 |
| 2009 | 6     | 11  | 16   | 56     | 40     | 0.3       | 2.3     | 0.45  | 95.9      | 127.4264 | 43.9742 |
| 2009 | 6     | 11  | 17   | 6      | 40     | 0.3       | 2.3     | 0.47  | 95.2      | 127.4264 | 46.2853 |
| 2009 | 6     | 11  | 17   | 16     | 40     | 0.3       | 2.3     | 0.47  | 100.8     | 127.4264 | 45.7075 |
| 2009 | 6     | 11  | 17   | 26     | 40     | 0.3       | 2.3     | 0.51  | 95.2      | 127.4264 | 49.463  |
| 2009 | 6     | 11  | 17   | 36     | 40     | 0.3       | 2.3     | 0.46  | 97.7      | 127.4264 | 45.4186 |
| 2009 | 6     | 11  | 17   | 46     | 40     | 0.3       | 2.3     | 0.5   | 97.5      | 127.236  | 48.5238 |
| 2009 | 6     | 11  | 17   | 56     | 40     | 0.3       | 2.3     | 0.48  | 101       | 127.236  | 46.5046 |
| 2009 | 6     | 11  | 18   | 6      | 40     | 0.3       | 2.3     | 0.49  | 100       | 127.236  | 47.6584 |
| 2009 | 6     | 11  | 18   | 16     | 40     | 0.3       | 2.3     | 0.49  | 97.4      | 127.236  | 47.37   |
| 2009 | 6     | 11  | 18   | 26     | 40     | 0.3       | 2.3     | 0.49  | 96.1      | 127.236  | 48.2353 |
| 2009 | 6     | 11  | 18   | 36     | 40     | 0.3       | 2.3     | 0.43  | 99.3      | 127.4264 | 41.952  |
| 2009 | 6     | 11  | 18   | 46     | 40     | 0.3       | 2.3     | 0.51  | 94.1      | 127.4264 | 49.463  |
| 2009 | 6     | 11  | 18   | 56     | 40     | 0.3       | 2.3     | 0.49  | 97.3      | 127.4264 | 48.0186 |
| 2009 | 6     | 11  | 19   | 6      | 40     | 0.3       | 2.3     | 0.53  | 97.5      | 127.4264 | 51.1963 |
| 2009 | 6     | 11  | 19   | 16     | 40     | 0.3       | 2.3     | 0.45  | 102.7     | 127.4264 | 43.3965 |
| 2009 | 6     | 11  | 19   | 26     | 40     | 0.3       | 2.3     | 0.5   | 100.6     | 127.4264 | 48.0186 |
| 2009 | 6     | 11  | 19   | 36     | 40     | 0.3       | 2.3     | 0.44  | 103.4     | 127.6169 | 42.5934 |
| 2009 | 6     | 11  | 19   | 46     | 40     | 0.3       | 2.3     | 0.45  | 96.3      | 127.6169 | 44.3293 |
| 2009 | 6     | 11  | 19   | 56     | 40     | 0.3       | 2.3     | 0.51  | 97        | 127.6169 | 49.5369 |
| 2009 | 6     | 11  | 20   | 6      | 40     | 0.3       | 2.3     | 0.49  | 100.9     | 127.6169 | 47.2224 |
| 2009 | 6     | 11  | 20   | 16     | 40     | 0.3       | 2.3     | 0.44  | 98.6      | 127.8074 | 43.5262 |
| 2009 | 6     | 11  | 20   | 26     | 40     | 0.3       | 2.3     | 0.49  | 101.2     | 127.8074 | 47.5827 |
| 2009 | 6     | 11  | 20   | 36     | 40     | 0.3       | 2.3     | 0.46  | 99.1      | 127.8074 | 44.6852 |
| 2009 | 6     | 11  | 20   | 46     | 40     | 0.3       | 2.3     | 0.45  | 97.5      | 127.8074 | 44.3955 |
| 2009 | 6     | 11  | 20   | 56     | 40     | 0.3       | 2.3     | 0.46  | 97.4      | 127.998  | 45.042  |
| 2009 | 6     | 11  | 21   | 6      | 40     | 0.3       | 2.3     | 0.46  | 98.7      | 127.998  | 45.042  |
| 2009 | 6     | 11  | 21   | 16     | 40     | 0.3       | 2.3     | 0.43  | 99.2      | 128.1888 | 42.7843 |
| 2009 | 6     | 11  | 21   | 26     | 40     | 0.3       | 2.3     | 0.51  | 101.2     | 128.1888 | 48.8871 |
| 2009 | 6     | 11  | 21   | 36     | 40     | 0.3       | 2.3     | 0.49  | 95        | 128.1888 | 48.5965 |
| 2009 | 6     | 11  | 21   | 46     | 40     | 0.3       | 2.3     | 0.41  | 98.3      | 128.1888 | 41.0406 |
| 2009 | 6     | 11  | 21   | 56     | 40     | 0.3       | 2.3     | 0.5   | 102.6     | 128.1888 | 48.0153 |
| 2009 | 6     | 11  | 22   | 6      | 40     | 0.3       | 2.3     | 0.44  | 94.3      | 128.3796 | 43.7211 |
| 2009 | 6     | 11  | 22   | 16     | 40     | 0.3       | 2.3     | 0.47  | 103.7     | 128.1888 | 45.6904 |
| 2009 | 6     | 11  | 22   | 26     | 40     | 0.3       | 2.3     | 0.44  | 99.4      | 128.1888 | 43.6561 |
| 2009 | 6     | 11  | 22   | 36     | 40     | 0.3       | 2.3     | 0.43  | 97.5      | 128.1888 | 42.7843 |
| 2009 | 6     | 11  | 22   | 46     | 40     | 0.3       | 2.3     | 0.48  | 100.5     | 128.1888 | 47.1434 |
| 2009 | 6     | 11  | 22   | 56     | 40     | 0.3       | 2.3     | 0.46  | 95.7      | 127.998  | 45.6224 |
| 2009 | 6     | 11  | 23   | 6      | 40     | 0.3       | 2.3     | 0.5   | 92.3      | 127.998  | 48.8144 |
| 2009 | 6     | 11  | 23   | 16     | 40     | 0.3       | 2.3     | 0.46  | 101.5     | 128.1888 | 45.1092 |
| 2009 | 6     | 11  | 23   | 26     | 40     | 0.3       | 2.3     | 0.53  | 96.8      | 128.1888 | 51.5026 |
| 2009 | 6     | 11  | 23   | 36     | 40     | 0.3       | 2.3     | 0.48  | 100.3     | 128.1888 | 46.5622 |
| 2009 | 6     | 11  | 23   | 46     | 40     | 0.3       | 2.3     | 0.51  | 100       | 128.1888 | 49.4683 |
| 2009 | 6     | 11  | 23   | 56     | 40     | 0.3       | 2.3     | 0.48  | 95.9      | 128.1888 | 47.4341 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 12  | 0    | 6      | 40     | 0.3       | 2.3     | 0.49  | 95.7      | 128.1888 | 48.3059 |
| 2009 | 6     | 12  | 0    | 16     | 40     | 0.3       | 2.3     | 0.45  | 96.7      | 128.1888 | 44.8186 |
| 2009 | 6     | 12  | 0    | 26     | 40     | 0.3       | 2.3     | 0.5   | 94.5      | 128.1888 | 49.4683 |
| 2009 | 6     | 12  | 0    | 36     | 40     | 0.3       | 2.3     | 0.45  | 98        | 128.1888 | 44.2373 |
| 2009 | 6     | 12  | 0    | 46     | 40     | 0.3       | 2.3     | 0.45  | 100.8     | 128.3796 | 44.5942 |
| 2009 | 6     | 12  | 0    | 56     | 40     | 0.3       | 2.3     | 0.46  | 99.1      | 128.3796 | 45.1763 |
| 2009 | 6     | 12  | 1    | 6      | 40     | 0.3       | 2.3     | 0.47  | 99.7      | 128.3796 | 45.7584 |
| 2009 | 6     | 12  | 1    | 16     | 40     | 0.3       | 2.3     | 0.46  | 100.7     | 128.3796 | 44.8853 |
| 2009 | 6     | 12  | 1    | 26     | 40     | 0.3       | 2.3     | 0.46  | 98.6      | 128.3796 | 45.4674 |
| 2009 | 6     | 12  | 1    | 36     | 40     | 0.3       | 2.3     | 0.47  | 96.8      | 128.3796 | 46.3405 |
| 2009 | 6     | 12  | 1    | 46     | 40     | 0.3       | 2.3     | 0.44  | 98.1      | 128.3796 | 43.7211 |
| 2009 | 6     | 12  | 1    | 56     | 40     | 0.3       | 2.3     | 0.4   | 114.4     | 128.3796 | 37.0271 |
| 2009 | 6     | 12  | 2    | 6      | 40     | 0.3       | 2.3     | 0.5   | 100.2     | 128.3796 | 48.6688 |
| 2009 | 6     | 12  | 2    | 16     | 40     | 0.3       | 2.3     | 0.48  | 102.1     | 128.3796 | 46.9226 |
| 2009 | 6     | 12  | 2    | 26     | 40     | 0.3       | 2.3     | 0.45  | 100.6     | 128.3796 | 44.0121 |
| 2009 | 6     | 12  | 2    | 36     | 40     | 0.3       | 2.3     | 0.44  | 90.8      | 128.3796 | 44.3032 |
| 2009 | 6     | 12  | 2    | 46     | 40     | 0.3       | 2.3     | 0.47  | 98.4      | 128.3796 | 46.6315 |
| 2009 | 6     | 12  | 2    | 56     | 40     | 0.3       | 2.3     | 0.44  | 103.5     | 128.3796 | 42.5569 |
| 2009 | 6     | 12  | 3    | 6      | 40     | 0.3       | 2.3     | 0.47  | 102.6     | 128.3796 | 45.4674 |
| 2009 | 6     | 12  | 3    | 16     | 40     | 0.3       | 2.3     | 0.46  | 97.8      | 128.3796 | 45.1763 |
| 2009 | 6     | 12  | 3    | 26     | 40     | 0.3       | 2.3     | 0.48  | 95.9      | 128.3796 | 47.5047 |
| 2009 | 6     | 12  | 3    | 36     | 40     | 0.3       | 2.3     | 0.45  | 98.4      | 128.3796 | 44.5942 |
| 2009 | 6     | 12  | 3    | 46     | 40     | 0.3       | 2.3     | 0.51  | 95.9      | 128.3796 | 49.833  |
| 2009 | 6     | 12  | 3    | 56     | 40     | 0.3       | 2.3     | 0.47  | 97.3      | 128.3796 | 46.0494 |
| 2009 | 6     | 12  | 4    | 6      | 40     | 0.3       | 2.3     | 0.46  | 103.5     | 128.3796 | 44.8853 |
| 2009 | 6     | 12  | 4    | 16     | 40     | 0.3       | 2.3     | 0.47  | 98        | 128.3796 | 46.6315 |
| 2009 | 6     | 12  | 4    | 26     | 40     | 0.3       | 2.3     | 0.49  | 102       | 128.3796 | 47.5047 |
| 2009 | 6     | 12  | 4    | 36     | 40     | 0.3       | 2.3     | 0.47  | 100.1     | 128.3796 | 46.0494 |
| 2009 | 6     | 12  | 4    | 46     | 40     | 0.3       | 2.3     | 0.45  | 98        | 128.3796 | 44.5942 |
| 2009 | 6     | 12  | 4    | 56     | 40     | 0.3       | 2.3     | 0.42  | 104.6     | 128.3796 | 40.8106 |
| 2009 | 6     | 12  | 5    | 6      | 40     | 0.3       | 2.3     | 0.43  | 101.4     | 128.3796 | 42.5569 |
| 2009 | 6     | 12  | 5    | 16     | 40     | 0.3       | 2.3     | 0.43  | 100.9     | 128.3796 | 42.8479 |
| 2009 | 6     | 12  | 5    | 26     | 40     | 0.3       | 2.3     | 0.47  | 101.6     | 128.3796 | 46.0494 |
| 2009 | 6     | 12  | 5    | 36     | 40     | 0.3       | 2.3     | 0.44  | 103       | 128.3796 | 42.8479 |
| 2009 | 6     | 12  | 5    | 46     | 40     | 0.3       | 2.3     | 0.46  | 104       | 128.3796 | 44.5942 |
| 2009 | 6     | 12  | 5    | 56     | 40     | 0.3       | 2.3     | 0.43  | 103.1     | 128.3796 | 42.5569 |
| 2009 | 6     | 12  | 6    | 6      | 40     | 0.3       | 2.3     | 0.48  | 92        | 128.3796 | 47.5047 |
| 2009 | 6     | 12  | 6    | 16     | 40     | 0.3       | 2.3     | 0.46  | 100.6     | 128.3796 | 45.4674 |
| 2009 | 6     | 12  | 6    | 26     | 40     | 0.3       | 2.3     | 0.45  | 99.7      | 128.3796 | 44.0121 |
| 2009 | 6     | 12  | 6    | 36     | 40     | 0.3       | 2.3     | 0.42  | 102.7     | 128.3796 | 41.1017 |
| 2009 | 6     | 12  | 6    | 46     | 40     | 0.3       | 2.3     | 0.47  | 100.4     | 128.3796 | 46.0494 |
| 2009 | 6     | 12  | 6    | 56     | 40     | 0.3       | 2.3     | 0.49  | 99.7      | 128.3796 | 47.5047 |
| 2009 | 6     | 12  | 7    | 6      | 40     | 0.3       | 2.3     | 0.42  | 101.7     | 128.3796 | 41.3927 |
| 2009 | 6     | 12  | 7    | 16     | 40     | 0.3       | 2.3     | 0.48  | 96.7      | 128.3796 | 47.2136 |
| 2009 | 6     | 12  | 7    | 26     | 40     | 0.3       | 2.3     | 0.51  | 100.3     | 128.1888 | 49.7589 |
| 2009 | 6     | 12  | 7    | 36     | 40     | 0.3       | 2.3     | 0.5   | 96.4      | 128.1888 | 48.8871 |
| 2009 | 6     | 12  | 7    | 46     | 40     | 0.3       | 2.3     | 0.45  | 97.2      | 128.1888 | 44.2373 |
| 2009 | 6     | 12  | 7    | 56     | 40     | 0.3       | 2.3     | 0.48  | 102.1     | 128.1888 | 46.8528 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 12  | 8    | 6      | 40     | 0.3       | 2.3     | 0.46  | 105.2     | 128.1888 | 44.5279 |
| 2009 | 6     | 12  | 8    | 16     | 40     | 0.3       | 2.3     | 0.5   | 102.5     | 128.1888 | 48.3059 |
| 2009 | 6     | 12  | 8    | 26     | 40     | 0.3       | 2.3     | 0.47  | 97.3      | 128.1888 | 45.981  |
| 2009 | 6     | 12  | 8    | 36     | 40     | 0.3       | 2.3     | 0.56  | 100.2     | 128.1888 | 53.5369 |
| 2009 | 6     | 12  | 8    | 46     | 40     | 0.3       | 2.3     | 0.47  | 99.7      | 128.1888 | 45.6904 |
| 2009 | 6     | 12  | 8    | 56     | 40     | 0.3       | 2.3     | 0.47  | 101.6     | 128.1888 | 45.981  |
| 2009 | 6     | 12  | 9    | 6      | 40     | 0.3       | 2.3     | 0.49  | 98.5      | 128.1888 | 47.7247 |
| 2009 | 6     | 12  | 9    | 16     | 40     | 0.3       | 2.3     | 0.47  | 101.2     | 128.1888 | 46.2716 |
| 2009 | 6     | 12  | 9    | 26     | 40     | 0.3       | 2.3     | 0.48  | 103.2     | 128.1888 | 45.981  |
| 2009 | 6     | 12  | 9    | 36     | 40     | 0.3       | 2.3     | 0.5   | 97.2      | 128.1888 | 48.5965 |
| 2009 | 6     | 12  | 9    | 46     | 40     | 0.3       | 2.3     | 0.47  | 100       | 128.1888 | 46.2716 |
| 2009 | 6     | 12  | 9    | 56     | 40     | 0.3       | 2.3     | 0.49  | 100.1     | 128.1888 | 47.4341 |
| 2009 | 6     | 12  | 10   | 6      | 40     | 0.3       | 2.3     | 0.48  | 99.4      | 128.1888 | 47.1434 |
| 2009 | 6     | 12  | 10   | 16     | 40     | 0.3       | 2.3     | 0.48  | 98.3      | 128.1888 | 46.8528 |
| 2009 | 6     | 12  | 10   | 26     | 40     | 0.3       | 2.3     | 0.48  | 98.6      | 127.998  | 47.0733 |
| 2009 | 6     | 12  | 10   | 36     | 40     | 0.3       | 2.3     | 0.45  | 97.5      | 127.998  | 44.4617 |
| 2009 | 6     | 12  | 10   | 46     | 40     | 0.3       | 2.3     | 0.49  | 101.1     | 127.8074 | 47.8724 |
| 2009 | 6     | 12  | 10   | 56     | 40     | 0.3       | 2.3     | 0.47  | 98.4      | 127.8074 | 46.4237 |
| 2009 | 6     | 12  | 11   | 6      | 40     | 0.3       | 2.3     | 0.49  | 103.2     | 127.8074 | 47.0032 |
| 2009 | 6     | 12  | 11   | 16     | 40     | 0.3       | 2.3     | 0.44  | 95.5      | 127.998  | 43.8813 |
| 2009 | 6     | 12  | 11   | 26     | 40     | 0.3       | 2.3     | 0.47  | 96.4      | 127.4264 | 46.2853 |
| 2009 | 6     | 12  | 11   | 36     | 40     | 0.3       | 2.3     | 0.49  | 96.9      | 127.8074 | 47.8724 |
| 2009 | 6     | 12  | 11   | 46     | 40     | 0.3       | 2.3     | 0.47  | 98.4      | 127.6169 | 46.0652 |
| 2009 | 6     | 12  | 11   | 56     | 40     | 0.3       | 2.3     | 0.47  | 96.1      | 127.6169 | 45.7758 |
| 2009 | 6     | 12  | 12   | 6      | 40     | 0.3       | 2.3     | 0.49  | 93.8      | 127.6169 | 48.0904 |
| 2009 | 6     | 12  | 12   | 16     | 40     | 0.3       | 2.3     | 0.51  | 95.5      | 127.6169 | 49.8263 |
| 2009 | 6     | 12  | 12   | 26     | 40     | 0.3       | 2.3     | 0.49  | 101.6     | 127.4264 | 47.1519 |
| 2009 | 6     | 12  | 12   | 36     | 40     | 0.3       | 2.3     | 0.49  | 93.8      | 127.4264 | 48.3075 |
| 2009 | 6     | 12  | 12   | 46     | 40     | 0.3       | 2.3     | 0.47  | 99.3      | 127.4264 | 45.7075 |
| 2009 | 6     | 12  | 12   | 56     | 40     | 0.3       | 2.3     | 0.48  | 100.2     | 127.4264 | 46.8631 |
| 2009 | 6     | 12  | 13   | 6      | 40     | 0.3       | 2.3     | 0.48  | 98.7      | 127.4264 | 46.5742 |
| 2009 | 6     | 12  | 13   | 16     | 40     | 0.3       | 2.3     | 0.48  | 100.6     | 127.4264 | 46.5742 |
| 2009 | 6     | 12  | 13   | 26     | 40     | 0.3       | 2.3     | 0.46  | 99.5      | 127.4264 | 44.8409 |
| 2009 | 6     | 12  | 13   | 36     | 40     | 0.3       | 2.3     | 0.46  | 99.8      | 127.4264 | 45.1298 |
| 2009 | 6     | 12  | 13   | 46     | 40     | 0.3       | 2.3     | 0.48  | 101.1     | 127.4264 | 46.2853 |
| 2009 | 6     | 12  | 13   | 56     | 40     | 0.3       | 2.3     | 0.43  | 101.3     | 127.4264 | 42.5298 |
| 2009 | 6     | 12  | 14   | 6      | 40     | 0.3       | 2.3     | 0.46  | 101.1     | 127.236  | 44.7739 |
| 2009 | 6     | 12  | 14   | 16     | 40     | 0.3       | 2.3     | 0.48  | 98.2      | 127.4264 | 47.1519 |
| 2009 | 6     | 12  | 14   | 26     | 40     | 0.3       | 2.3     | 0.45  | 101       | 127.4264 | 43.6853 |
| 2009 | 6     | 12  | 14   | 36     | 40     | 0.3       | 2.3     | 0.47  | 102.1     | 127.4264 | 45.4186 |
| 2009 | 6     | 12  | 14   | 46     | 40     | 0.3       | 2.3     | 0.51  | 98.1      | 127.236  | 49.6776 |
| 2009 | 6     | 12  | 14   | 56     | 40     | 0.3       | 2.3     | 0.44  | 94.7      | 127.4264 | 43.3965 |
| 2009 | 6     | 12  | 15   | 6      | 40     | 0.3       | 2.3     | 0.4   | 102.9     | 127.236  | 39.0049 |
| 2009 | 6     | 12  | 15   | 16     | 40     | 0.3       | 2.3     | 0.44  | 95.1      | 127.236  | 43.9085 |
| 2009 | 6     | 12  | 15   | 26     | 40     | 0.3       | 2.3     | 0.48  | 98.2      | 127.236  | 46.7931 |
| 2009 | 6     | 12  | 15   | 36     | 40     | 0.3       | 2.3     | 0.44  | 99.8      | 127.236  | 43.3316 |
| 2009 | 6     | 12  | 15   | 46     | 40     | 0.3       | 2.3     | 0.46  | 98.5      | 127.236  | 45.3508 |
| 2009 | 6     | 12  | 15   | 56     | 40     | 0.3       | 2.3     | 0.48  | 95.4      | 127.236  | 47.37   |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 12  | 16   | 6      | 40     | 0.3       | 2.3     | 0.49  | 101.3     | 127.236  | 46.7931 |
| 2009 | 6     | 12  | 16   | 16     | 40     | 0.3       | 2.3     | 0.49  | 96.6      | 127.236  | 47.37   |
| 2009 | 6     | 12  | 16   | 26     | 40     | 0.3       | 2.3     | 0.46  | 103.1     | 127.236  | 44.4854 |
| 2009 | 6     | 12  | 16   | 36     | 40     | 0.3       | 2.3     | 0.47  | 98.4      | 127.0457 | 45.859  |
| 2009 | 6     | 12  | 16   | 46     | 40     | 0.3       | 2.3     | 0.43  | 101.5     | 127.236  | 41.8894 |
| 2009 | 6     | 12  | 16   | 56     | 40     | 0.3       | 2.3     | 0.43  | 101.9     | 127.0457 | 41.8267 |
| 2009 | 6     | 12  | 17   | 6      | 40     | 0.3       | 2.3     | 0.5   | 99.1      | 127.0457 | 48.1632 |
| 2009 | 6     | 12  | 17   | 16     | 40     | 0.3       | 2.3     | 0.46  | 94.5      | 127.236  | 45.3508 |
| 2009 | 6     | 12  | 17   | 26     | 40     | 0.3       | 2.3     | 0.47  | 95.6      | 127.0457 | 46.435  |
| 2009 | 6     | 12  | 17   | 36     | 40     | 0.3       | 2.3     | 0.44  | 99.8      | 127.0457 | 43.2668 |
| 2009 | 6     | 12  | 17   | 46     | 40     | 0.3       | 2.3     | 0.46  | 99.5      | 127.0457 | 44.7069 |
| 2009 | 6     | 12  | 17   | 56     | 40     | 0.3       | 2.3     | 0.47  | 102.5     | 127.0457 | 45.283  |
| 2009 | 6     | 12  | 18   | 6      | 40     | 0.3       | 2.3     | 0.51  | 98.5      | 127.0457 | 49.0272 |
| 2009 | 6     | 12  | 18   | 16     | 40     | 0.3       | 2.3     | 0.45  | 96.2      | 127.0457 | 44.4189 |
| 2009 | 6     | 12  | 18   | 26     | 40     | 0.3       | 2.3     | 0.48  | 104.2     | 126.8555 | 45.7904 |
| 2009 | 6     | 12  | 18   | 36     | 40     | 0.3       | 2.3     | 0.49  | 96.5      | 126.8555 | 47.8035 |
| 2009 | 6     | 12  | 18   | 46     | 40     | 0.3       | 2.3     | 0.48  | 99.8      | 126.8555 | 46.6531 |
| 2009 | 6     | 12  | 18   | 56     | 40     | 0.3       | 2.3     | 0.43  | 98.7      | 126.8555 | 42.6269 |
| 2009 | 6     | 12  | 19   | 6      | 40     | 0.3       | 2.3     | 0.44  | 99.8      | 126.8555 | 43.2021 |
| 2009 | 6     | 12  | 19   | 16     | 40     | 0.3       | 2.3     | 0.44  | 97.7      | 126.8555 | 43.2021 |
| 2009 | 6     | 12  | 19   | 26     | 40     | 0.3       | 2.3     | 0.51  | 99.6      | 126.8555 | 49.2414 |
| 2009 | 6     | 12  | 19   | 36     | 40     | 0.3       | 2.3     | 0.43  | 99.8      | 126.8555 | 41.7641 |
| 2009 | 6     | 12  | 19   | 46     | 40     | 0.3       | 2.3     | 0.47  | 94        | 126.8555 | 46.0779 |
| 2009 | 6     | 12  | 19   | 56     | 40     | 0.3       | 2.3     | 0.5   | 96        | 126.8555 | 48.9538 |
| 2009 | 6     | 12  | 20   | 6      | 40     | 0.3       | 2.3     | 0.45  | 94.2      | 126.8555 | 44.0648 |
| 2009 | 6     | 12  | 20   | 16     | 40     | 0.3       | 2.3     | 0.51  | 99.6      | 126.8555 | 48.9538 |
| 2009 | 6     | 12  | 20   | 26     | 40     | 0.3       | 2.3     | 0.51  | 98.8      | 126.8555 | 49.529  |
| 2009 | 6     | 12  | 20   | 36     | 40     | 0.3       | 2.3     | 0.46  | 96.2      | 126.8555 | 44.9276 |
| 2009 | 6     | 12  | 20   | 46     | 40     | 0.3       | 2.3     | 0.52  | 97.6      | 126.8555 | 50.3918 |
| 2009 | 6     | 12  | 20   | 56     | 40     | 0.3       | 2.3     | 0.48  | 97.8      | 126.8555 | 46.9407 |
| 2009 | 6     | 12  | 21   | 6      | 40     | 0.3       | 2.3     | 0.48  | 100.3     | 126.8555 | 46.0779 |
| 2009 | 6     | 12  | 21   | 16     | 40     | 0.3       | 2.3     | 0.47  | 100.8     | 126.8555 | 45.7904 |
| 2009 | 6     | 12  | 21   | 26     | 40     | 0.3       | 2.3     | 0.48  | 100.5     | 126.8555 | 46.6531 |
| 2009 | 6     | 12  | 21   | 36     | 40     | 0.3       | 2.3     | 0.47  | 100.4     | 126.8555 | 45.7904 |
| 2009 | 6     | 12  | 21   | 46     | 40     | 0.3       | 2.3     | 0.45  | 97.9      | 127.0457 | 44.4189 |
| 2009 | 6     | 12  | 21   | 56     | 40     | 0.3       | 2.3     | 0.46  | 99.5      | 126.8555 | 44.64   |
| 2009 | 6     | 12  | 22   | 6      | 40     | 0.3       | 2.3     | 0.48  | 99.9      | 126.8555 | 46.0779 |
| 2009 | 6     | 12  | 22   | 16     | 40     | 0.3       | 2.3     | 0.43  | 103.6     | 126.8555 | 41.7641 |
| 2009 | 6     | 12  | 22   | 26     | 40     | 0.3       | 2.3     | 0.45  | 98.4      | 126.8555 | 44.0648 |
| 2009 | 6     | 12  | 22   | 36     | 40     | 0.3       | 2.3     | 0.47  | 99.3      | 126.8555 | 45.5028 |
| 2009 | 6     | 12  | 22   | 46     | 40     | 0.3       | 2.3     | 0.49  | 97.7      | 126.8555 | 47.5159 |
| 2009 | 6     | 12  | 22   | 56     | 40     | 0.3       | 2.3     | 0.46  | 97.8      | 127.0457 | 44.7069 |
| 2009 | 6     | 12  | 23   | 6      | 40     | 0.3       | 2.3     | 0.52  | 96.5      | 126.8555 | 50.3918 |
| 2009 | 6     | 12  | 23   | 16     | 40     | 0.3       | 2.3     | 0.5   | 102.2     | 126.8555 | 47.5159 |
| 2009 | 6     | 12  | 23   | 26     | 40     | 0.3       | 2.3     | 0.49  | 97.7      | 126.8555 | 47.5159 |
| 2009 | 6     | 12  | 23   | 36     | 40     | 0.3       | 2.3     | 0.48  | 99.4      | 126.8555 | 46.6531 |
| 2009 | 6     | 12  | 23   | 46     | 40     | 0.3       | 2.3     | 0.44  | 98.9      | 126.8555 | 43.4896 |
| 2009 | 6     | 12  | 23   | 56     | 40     | 0.3       | 2.3     | 0.5   | 99.4      | 126.8555 | 48.3787 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 13  | 0    | 6      | 40     | 0.3       | 2.3     | 0.46  | 95.3      | 126.8555 | 44.9276 |
| 2009 | 6     | 13  | 0    | 16     | 40     | 0.3       | 2.3     | 0.44  | 96.9      | 126.8555 | 43.2021 |
| 2009 | 6     | 13  | 0    | 26     | 40     | 0.3       | 2.3     | 0.46  | 101.1     | 126.8555 | 44.3524 |
| 2009 | 6     | 13  | 0    | 36     | 40     | 0.3       | 2.3     | 0.46  | 98.2      | 126.8555 | 44.9276 |
| 2009 | 6     | 13  | 0    | 46     | 40     | 0.3       | 2.3     | 0.51  | 101.2     | 126.8555 | 48.3787 |
| 2009 | 6     | 13  | 0    | 56     | 40     | 0.3       | 2.3     | 0.48  | 97.8      | 126.8555 | 46.9407 |
| 2009 | 6     | 13  | 1    | 6      | 40     | 0.3       | 2.3     | 0.53  | 98.1      | 126.8555 | 51.2546 |
| 2009 | 6     | 13  | 1    | 16     | 40     | 0.3       | 2.3     | 0.46  | 101.6     | 126.8555 | 44.3524 |
| 2009 | 6     | 13  | 1    | 26     | 40     | 0.3       | 2.3     | 0.52  | 97.3      | 126.8555 | 50.1042 |
| 2009 | 6     | 13  | 1    | 36     | 40     | 0.3       | 2.3     | 0.46  | 102.4     | 127.0457 | 44.4189 |
| 2009 | 6     | 13  | 1    | 46     | 40     | 0.3       | 2.3     | 0.47  | 98.7      | 127.0457 | 46.147  |
| 2009 | 6     | 13  | 1    | 56     | 40     | 0.3       | 2.3     | 0.5   | 98.3      | 126.8555 | 48.0911 |
| 2009 | 6     | 13  | 2    | 6      | 40     | 0.3       | 2.3     | 0.47  | 100.4     | 127.0457 | 45.859  |
| 2009 | 6     | 13  | 2    | 16     | 40     | 0.3       | 2.3     | 0.4   | 102.3     | 126.8555 | 39.1758 |
| 2009 | 6     | 13  | 2    | 26     | 40     | 0.3       | 2.3     | 0.47  | 96.1      | 126.8555 | 45.5028 |
| 2009 | 6     | 13  | 2    | 36     | 40     | 0.3       | 2.3     | 0.47  | 98        | 126.8555 | 45.7904 |
| 2009 | 6     | 13  | 2    | 46     | 40     | 0.3       | 2.3     | 0.48  | 96.7      | 126.8555 | 46.6531 |
| 2009 | 6     | 13  | 2    | 56     | 40     | 0.3       | 2.3     | 0.43  | 103.7     | 126.8555 | 41.4765 |
| 2009 | 6     | 13  | 3    | 6      | 40     | 0.3       | 2.3     | 0.43  | 98.7      | 126.8555 | 42.6269 |
| 2009 | 6     | 13  | 3    | 16     | 40     | 0.3       | 2.3     | 0.44  | 98.6      | 126.8555 | 42.9145 |
| 2009 | 6     | 13  | 3    | 26     | 40     | 0.3       | 2.3     | 0.46  | 97.8      | 126.8555 | 44.64   |
| 2009 | 6     | 13  | 3    | 36     | 40     | 0.3       | 2.3     | 0.49  | 98.5      | 126.8555 | 47.2283 |
| 2009 | 6     | 13  | 3    | 46     | 40     | 0.3       | 2.3     | 0.49  | 99.6      | 126.8555 | 47.5159 |
| 2009 | 6     | 13  | 3    | 56     | 40     | 0.3       | 2.3     | 0.46  | 101.6     | 126.8555 | 44.0648 |
| 2009 | 6     | 13  | 4    | 6      | 40     | 0.3       | 2.3     | 0.48  | 98.3      | 126.8555 | 46.3655 |
| 2009 | 6     | 13  | 4    | 16     | 40     | 0.3       | 2.3     | 0.48  | 93.6      | 126.8555 | 46.6531 |
| 2009 | 6     | 13  | 4    | 26     | 40     | 0.3       | 2.3     | 0.47  | 99.6      | 126.8555 | 45.7904 |
| 2009 | 6     | 13  | 4    | 36     | 40     | 0.3       | 2.3     | 0.47  | 99.6      | 126.8555 | 45.7904 |
| 2009 | 6     | 13  | 4    | 46     | 40     | 0.3       | 2.3     | 0.47  | 102       | 126.8555 | 45.5028 |
| 2009 | 6     | 13  | 4    | 56     | 40     | 0.3       | 2.3     | 0.44  | 95.6      | 126.8555 | 42.9145 |
| 2009 | 6     | 13  | 5    | 6      | 40     | 0.3       | 2.3     | 0.5   | 99        | 126.8555 | 48.3787 |
| 2009 | 6     | 13  | 5    | 16     | 40     | 0.3       | 2.3     | 0.44  | 98.1      | 126.8555 | 43.2021 |
| 2009 | 6     | 13  | 5    | 26     | 40     | 0.3       | 2.3     | 0.44  | 99.9      | 126.8555 | 42.9145 |
| 2009 | 6     | 13  | 5    | 36     | 40     | 0.3       | 2.3     | 0.45  | 98.3      | 126.8555 | 44.3524 |
| 2009 | 6     | 13  | 5    | 46     | 40     | 0.3       | 2.3     | 0.43  | 102.8     | 126.8555 | 41.7641 |
| 2009 | 6     | 13  | 5    | 56     | 40     | 0.3       | 2.3     | 0.5   | 97.2      | 126.8555 | 48.0911 |
| 2009 | 6     | 13  | 6    | 6      | 40     | 0.3       | 2.3     | 0.44  | 102.8     | 126.8555 | 42.9145 |
| 2009 | 6     | 13  | 6    | 16     | 40     | 0.3       | 2.3     | 0.47  | 98.7      | 126.8555 | 46.0779 |
| 2009 | 6     | 13  | 6    | 26     | 40     | 0.3       | 2.3     | 0.57  | 97        | 126.8555 | 54.1304 |
| 2009 | 6     | 13  | 6    | 36     | 40     | 0.3       | 2.3     | 0.49  | 96.1      | 126.8555 | 47.8035 |
| 2009 | 6     | 13  | 6    | 46     | 40     | 0.3       | 2.3     | 0.47  | 98        | 126.8555 | 45.7904 |
| 2009 | 6     | 13  | 6    | 56     | 40     | 0.3       | 2.3     | 0.43  | 98.3      | 126.8555 | 42.6269 |
| 2009 | 6     | 13  | 7    | 6      | 40     | 0.3       | 2.3     | 0.43  | 97        | 126.6655 | 42.563  |
| 2009 | 6     | 13  | 7    | 16     | 40     | 0.3       | 2.3     | 0.44  | 95.6      | 126.6655 | 42.8502 |
| 2009 | 6     | 13  | 7    | 26     | 40     | 0.3       | 2.3     | 0.47  | 101.2     | 126.6655 | 45.7217 |
| 2009 | 6     | 13  | 7    | 36     | 40     | 0.3       | 2.3     | 0.45  | 100.1     | 126.6655 | 43.7116 |
| 2009 | 6     | 13  | 7    | 46     | 40     | 0.3       | 2.3     | 0.5   | 103.4     | 126.6655 | 47.1575 |
| 2009 | 6     | 13  | 7    | 56     | 40     | 0.3       | 2.3     | 0.47  | 98.7      | 126.6655 | 46.0089 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 13  | 8    | 6      | 40     | 0.3       | 2.3     | 0.42  | 99        | 126.6655 | 41.1272 |
| 2009 | 6     | 13  | 8    | 16     | 40     | 0.3       | 2.3     | 0.47  | 98.5      | 126.6655 | 45.4346 |
| 2009 | 6     | 13  | 8    | 26     | 40     | 0.3       | 2.3     | 0.46  | 105       | 126.6655 | 43.4245 |
| 2009 | 6     | 13  | 8    | 36     | 40     | 0.3       | 2.3     | 0.46  | 100.6     | 126.6655 | 44.8603 |
| 2009 | 6     | 13  | 8    | 46     | 40     | 0.3       | 2.3     | 0.48  | 94.7      | 126.6655 | 46.5832 |
| 2009 | 6     | 13  | 8    | 56     | 40     | 0.3       | 2.3     | 0.45  | 102.3     | 126.6655 | 43.1373 |
| 2009 | 6     | 13  | 9    | 6      | 40     | 0.3       | 2.3     | 0.53  | 103.6     | 126.6655 | 50.0291 |
| 2009 | 6     | 13  | 9    | 16     | 40     | 0.3       | 2.3     | 0.48  | 99.4      | 126.6655 | 46.5832 |
| 2009 | 6     | 13  | 9    | 26     | 40     | 0.3       | 2.3     | 0.5   | 95.7      | 126.6655 | 48.3062 |
| 2009 | 6     | 13  | 9    | 36     | 40     | 0.3       | 2.3     | 0.44  | 102.1     | 126.6655 | 42.563  |
| 2009 | 6     | 13  | 9    | 46     | 40     | 0.3       | 2.3     | 0.47  | 102.4     | 126.6655 | 45.4346 |
| 2009 | 6     | 13  | 9    | 56     | 40     | 0.3       | 2.3     | 0.48  | 100.7     | 126.4754 | 45.9399 |
| 2009 | 6     | 13  | 10   | 6      | 40     | 0.3       | 2.3     | 0.45  | 101.3     | 126.6655 | 43.7116 |
| 2009 | 6     | 13  | 10   | 16     | 40     | 0.3       | 2.3     | 0.46  | 99.1      | 126.4754 | 44.2195 |
| 2009 | 6     | 13  | 10   | 26     | 40     | 0.3       | 2.3     | 0.5   | 103       | 126.4754 | 47.0868 |
| 2009 | 6     | 13  | 10   | 36     | 40     | 0.3       | 2.3     | 0.49  | 105.6     | 126.4754 | 45.9399 |
| 2009 | 6     | 13  | 10   | 46     | 40     | 0.3       | 2.3     | 0.5   | 95.7      | 126.4754 | 48.2337 |
| 2009 | 6     | 13  | 10   | 56     | 40     | 0.3       | 2.3     | 0.5   | 102.2     | 126.4754 | 47.3735 |
| 2009 | 6     | 13  | 11   | 6      | 40     | 0.3       | 2.3     | 0.5   | 102.2     | 126.4754 | 47.3735 |
| 2009 | 6     | 13  | 11   | 16     | 40     | 0.3       | 2.3     | 0.48  | 96.3      | 126.4754 | 46.8001 |
| 2009 | 6     | 13  | 11   | 26     | 40     | 0.3       | 2.3     | 0.44  | 100.7     | 126.4754 | 42.7859 |
| 2009 | 6     | 13  | 11   | 36     | 40     | 0.3       | 2.3     | 0.46  | 99.9      | 126.4754 | 44.5062 |
| 2009 | 6     | 13  | 11   | 46     | 40     | 0.3       | 2.3     | 0.49  | 97.4      | 126.4754 | 47.0868 |
| 2009 | 6     | 13  | 11   | 56     | 40     | 0.3       | 2.3     | 0.5   | 97.5      | 126.4754 | 48.5204 |
| 2009 | 6     | 13  | 12   | 6      | 40     | 0.3       | 2.3     | 0.48  | 99.4      | 126.4754 | 46.5133 |
| 2009 | 6     | 13  | 12   | 16     | 40     | 0.3       | 2.3     | 0.5   | 99.1      | 126.4754 | 47.947  |
| 2009 | 6     | 13  | 12   | 26     | 40     | 0.3       | 2.3     | 0.44  | 96        | 126.4754 | 43.3593 |
| 2009 | 6     | 13  | 12   | 36     | 40     | 0.3       | 2.3     | 0.44  | 95.6      | 126.4754 | 43.0726 |
| 2009 | 6     | 13  | 12   | 46     | 40     | 0.3       | 2.3     | 0.5   | 97.9      | 126.4754 | 48.5204 |
| 2009 | 6     | 13  | 12   | 56     | 40     | 0.3       | 2.3     | 0.45  | 97.5      | 126.4754 | 43.9328 |
| 2009 | 6     | 13  | 13   | 6      | 40     | 0.3       | 2.3     | 0.47  | 98.5      | 126.4754 | 45.3664 |
| 2009 | 6     | 13  | 13   | 16     | 40     | 0.3       | 2.3     | 0.45  | 97.9      | 126.4754 | 44.2195 |
| 2009 | 6     | 13  | 13   | 26     | 40     | 0.3       | 2.3     | 0.52  | 102.4     | 126.4754 | 49.3806 |
| 2009 | 6     | 13  | 13   | 36     | 40     | 0.3       | 2.3     | 0.49  | 98        | 126.2855 | 47.5887 |
| 2009 | 6     | 13  | 13   | 46     | 40     | 0.3       | 2.3     | 0.47  | 99.6      | 126.4754 | 45.6531 |
| 2009 | 6     | 13  | 13   | 56     | 40     | 0.3       | 2.3     | 0.45  | 100.6     | 126.4754 | 43.3593 |
| 2009 | 6     | 13  | 14   | 6      | 40     | 0.3       | 2.3     | 0.44  | 97.7      | 126.4754 | 43.3593 |
| 2009 | 6     | 13  | 14   | 16     | 40     | 0.3       | 2.3     | 0.48  | 95.4      | 126.2855 | 47.0161 |
| 2009 | 6     | 13  | 14   | 26     | 40     | 0.3       | 2.3     | 0.44  | 96.8      | 126.2855 | 43.2942 |
| 2009 | 6     | 13  | 14   | 36     | 40     | 0.3       | 2.3     | 0.44  | 97.7      | 126.0957 | 43.2291 |
| 2009 | 6     | 13  | 14   | 46     | 40     | 0.3       | 2.3     | 0.48  | 97.8      | 126.2855 | 46.7298 |
| 2009 | 6     | 13  | 14   | 56     | 40     | 0.3       | 2.3     | 0.42  | 90.9      | 126.4754 | 41.9257 |
| 2009 | 6     | 13  | 15   | 6      | 40     | 0.3       | 2.3     | 0.48  | 91.6      | 126.0957 | 46.3737 |
| 2009 | 6     | 13  | 15   | 16     | 40     | 0.3       | 2.3     | 0.42  | 94.4      | 126.0957 | 41.7998 |
| 2009 | 6     | 13  | 15   | 26     | 40     | 0.3       | 2.3     | 0.46  | 91.2      | 126.2855 | 45.2983 |
| 2009 | 6     | 13  | 15   | 36     | 40     | 0.3       | 2.3     | 0.47  | 98.8      | 126.2855 | 45.5846 |
| 2009 | 6     | 13  | 15   | 46     | 40     | 0.3       | 2.3     | 0.45  | 97.5      | 126.0957 | 43.8009 |
| 2009 | 6     | 13  | 15   | 56     | 40     | 0.3       | 2.3     | 0.44  | 101.1     | 126.0957 | 42.6574 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 13  | 16   | 6      | 40     | 0.3       | 2.3     | 0.47  | 102.1     | 126.2855 | 45.012  |
| 2009 | 6     | 13  | 16   | 16     | 40     | 0.3       | 2.3     | 0.47  | 96.1      | 126.0957 | 45.2302 |
| 2009 | 6     | 13  | 16   | 26     | 40     | 0.3       | 2.3     | 0.42  | 98.5      | 126.0957 | 41.2281 |
| 2009 | 6     | 13  | 16   | 36     | 40     | 0.3       | 2.3     | 0.45  | 97.1      | 126.0957 | 44.0867 |
| 2009 | 6     | 13  | 16   | 46     | 40     | 0.3       | 2.3     | 0.43  | 98.3      | 126.2855 | 42.149  |
| 2009 | 6     | 13  | 16   | 56     | 40     | 0.3       | 2.3     | 0.45  | 100.4     | 126.2855 | 43.8668 |
| 2009 | 6     | 13  | 17   | 6      | 40     | 0.3       | 2.3     | 0.51  | 101.2     | 126.0957 | 48.0889 |
| 2009 | 6     | 13  | 17   | 16     | 40     | 0.3       | 2.3     | 0.48  | 99.1      | 126.2855 | 45.8709 |
| 2009 | 6     | 13  | 17   | 26     | 40     | 0.3       | 2.3     | 0.44  | 94.3      | 126.2855 | 43.2942 |
| 2009 | 6     | 13  | 17   | 36     | 40     | 0.3       | 2.3     | 0.43  | 98.7      | 126.2855 | 42.4353 |
| 2009 | 6     | 13  | 17   | 46     | 40     | 0.3       | 2.3     | 0.46  | 96.2      | 126.0957 | 44.3726 |
| 2009 | 6     | 13  | 17   | 56     | 40     | 0.3       | 2.3     | 0.48  | 101.8     | 126.2855 | 45.8709 |
| 2009 | 6     | 13  | 18   | 6      | 40     | 0.3       | 2.3     | 0.43  | 98.7      | 126.2855 | 42.4353 |
| 2009 | 6     | 13  | 18   | 16     | 40     | 0.3       | 2.3     | 0.48  | 97.5      | 126.2855 | 46.4435 |
| 2009 | 6     | 13  | 18   | 26     | 40     | 0.3       | 2.3     | 0.5   | 103.8     | 126.2855 | 47.0161 |
| 2009 | 6     | 13  | 18   | 36     | 40     | 0.3       | 2.3     | 0.47  | 98.1      | 126.2855 | 45.2983 |
| 2009 | 6     | 13  | 18   | 46     | 40     | 0.3       | 2.3     | 0.5   | 95.6      | 126.2855 | 48.7339 |
| 2009 | 6     | 13  | 18   | 56     | 40     | 0.3       | 2.3     | 0.48  | 102.2     | 126.2855 | 45.8709 |
| 2009 | 6     | 13  | 19   | 6      | 40     | 0.3       | 2.3     | 0.4   | 102.7     | 126.2855 | 39.2861 |
| 2009 | 6     | 13  | 19   | 16     | 40     | 0.3       | 2.3     | 0.47  | 102.5     | 126.2855 | 45.012  |
| 2009 | 6     | 13  | 19   | 26     | 40     | 0.3       | 2.3     | 0.46  | 96.1      | 126.2855 | 45.012  |
| 2009 | 6     | 13  | 19   | 36     | 40     | 0.3       | 2.3     | 0.45  | 95.4      | 126.2855 | 44.4394 |
| 2009 | 6     | 13  | 19   | 46     | 40     | 0.3       | 2.3     | 0.53  | 99.3      | 126.0957 | 50.3758 |
| 2009 | 6     | 13  | 19   | 56     | 40     | 0.3       | 2.3     | 0.42  | 95.8      | 126.0957 | 41.5139 |
| 2009 | 6     | 13  | 20   | 6      | 40     | 0.3       | 2.3     | 0.43  | 99.3      | 126.0957 | 41.5139 |
| 2009 | 6     | 13  | 20   | 16     | 40     | 0.3       | 2.3     | 0.44  | 98.6      | 126.0957 | 42.9433 |
| 2009 | 6     | 13  | 20   | 26     | 40     | 0.3       | 2.3     | 0.48  | 99.4      | 126.2855 | 46.4435 |
| 2009 | 6     | 13  | 20   | 36     | 40     | 0.3       | 2.3     | 0.48  | 98.2      | 126.0957 | 46.6595 |
| 2009 | 6     | 13  | 20   | 46     | 40     | 0.3       | 2.3     | 0.46  | 96.9      | 126.0957 | 44.9443 |
| 2009 | 6     | 13  | 20   | 56     | 40     | 0.3       | 2.3     | 0.5   | 100.5     | 126.0957 | 48.0889 |
| 2009 | 6     | 13  | 21   | 6      | 40     | 0.3       | 2.3     | 0.43  | 97.5      | 126.0957 | 41.7998 |
| 2009 | 6     | 13  | 21   | 16     | 40     | 0.3       | 2.3     | 0.47  | 97.3      | 126.0957 | 45.2302 |
| 2009 | 6     | 13  | 21   | 26     | 40     | 0.3       | 2.3     | 0.48  | 98.3      | 126.0957 | 46.0878 |
| 2009 | 6     | 13  | 21   | 36     | 40     | 0.3       | 2.3     | 0.41  | 102       | 126.0957 | 39.7987 |
| 2009 | 6     | 13  | 21   | 46     | 40     | 0.3       | 2.3     | 0.39  | 98.6      | 126.0957 | 38.9411 |
| 2009 | 6     | 13  | 21   | 56     | 40     | 0.3       | 2.3     | 0.43  | 99.8      | 126.0957 | 41.5139 |
| 2009 | 6     | 13  | 22   | 6      | 40     | 0.3       | 2.3     | 0.45  | 99.3      | 126.0957 | 43.515  |
| 2009 | 6     | 13  | 22   | 16     | 40     | 0.3       | 2.3     | 0.41  | 97.7      | 126.0957 | 40.6563 |
| 2009 | 6     | 13  | 22   | 26     | 40     | 0.3       | 2.3     | 0.45  | 100.9     | 126.0957 | 43.515  |
| 2009 | 6     | 13  | 22   | 36     | 40     | 0.3       | 2.3     | 0.45  | 103.9     | 126.0957 | 42.9433 |
| 2009 | 6     | 13  | 22   | 46     | 40     | 0.3       | 2.3     | 0.46  | 99.1      | 126.0957 | 44.3726 |
| 2009 | 6     | 13  | 22   | 56     | 40     | 0.3       | 2.3     | 0.47  | 101.2     | 126.0957 | 45.2302 |
| 2009 | 6     | 13  | 23   | 6      | 40     | 0.3       | 2.3     | 0.47  | 97.2      | 126.0957 | 45.8019 |
| 2009 | 6     | 13  | 23   | 16     | 40     | 0.3       | 2.3     | 0.5   | 103.6     | 126.0957 | 47.5171 |
| 2009 | 6     | 13  | 23   | 26     | 40     | 0.3       | 2.3     | 0.46  | 99.4      | 126.0957 | 44.6585 |
| 2009 | 6     | 13  | 23   | 36     | 40     | 0.3       | 2.3     | 0.4   | 93.8      | 126.0957 | 39.5129 |
| 2009 | 6     | 13  | 23   | 46     | 40     | 0.3       | 2.3     | 0.44  | 100.2     | 126.0957 | 42.9433 |
| 2009 | 6     | 13  | 23   | 56     | 40     | 0.3       | 2.3     | 0.43  | 96.6      | 126.0957 | 41.7998 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 14  | 0    | 6      | 40     | 0.3       | 2.3     | 0.48  | 105.1     | 126.0957 | 45.2302 |
| 2009 | 6     | 14  | 0    | 16     | 40     | 0.3       | 2.3     | 0.5   | 95.7      | 126.0957 | 48.0889 |
| 2009 | 6     | 14  | 0    | 26     | 40     | 0.3       | 2.3     | 0.43  | 104.7     | 126.0957 | 40.9422 |
| 2009 | 6     | 14  | 0    | 36     | 40     | 0.3       | 2.3     | 0.39  | 99.6      | 126.0957 | 38.6553 |
| 2009 | 6     | 14  | 0    | 46     | 40     | 0.3       | 2.3     | 0.45  | 97.5      | 126.0957 | 43.8009 |
| 2009 | 6     | 14  | 0    | 56     | 40     | 0.3       | 2.3     | 0.43  | 99.8      | 126.0957 | 41.5139 |
| 2009 | 6     | 14  | 1    | 6      | 40     | 0.3       | 2.3     | 0.42  | 97.2      | 126.0957 | 40.9422 |
| 2009 | 6     | 14  | 1    | 16     | 40     | 0.3       | 2.3     | 0.42  | 101.7     | 126.0957 | 40.9422 |
| 2009 | 6     | 14  | 1    | 26     | 40     | 0.3       | 2.3     | 0.46  | 97        | 126.0957 | 44.3726 |
| 2009 | 6     | 14  | 1    | 36     | 40     | 0.3       | 2.3     | 0.43  | 99.6      | 126.0957 | 42.0857 |
| 2009 | 6     | 14  | 1    | 46     | 40     | 0.3       | 2.3     | 0.41  | 100.1     | 126.0957 | 40.0846 |
| 2009 | 6     | 14  | 1    | 56     | 40     | 0.3       | 2.3     | 0.45  | 100.9     | 125.9059 | 43.4495 |
| 2009 | 6     | 14  | 2    | 6      | 40     | 0.3       | 2.3     | 0.41  | 98.3      | 126.0957 | 40.3705 |
| 2009 | 6     | 14  | 2    | 16     | 40     | 0.3       | 2.3     | 0.41  | 102       | 126.0957 | 39.7987 |
| 2009 | 6     | 14  | 2    | 26     | 40     | 0.3       | 2.3     | 0.43  | 98.7      | 125.9059 | 42.3078 |
| 2009 | 6     | 14  | 2    | 36     | 40     | 0.3       | 2.3     | 0.43  | 98.7      | 125.9059 | 42.3078 |
| 2009 | 6     | 14  | 2    | 46     | 40     | 0.3       | 2.3     | 0.47  | 99.6      | 125.9059 | 45.4476 |
| 2009 | 6     | 14  | 2    | 56     | 40     | 0.3       | 2.3     | 0.47  | 95.6      | 125.9059 | 45.4476 |
| 2009 | 6     | 14  | 3    | 6      | 40     | 0.3       | 2.3     | 0.47  | 99.6      | 125.9059 | 45.4476 |
| 2009 | 6     | 14  | 3    | 16     | 40     | 0.3       | 2.3     | 0.45  | 95.9      | 125.9059 | 43.735  |
| 2009 | 6     | 14  | 3    | 26     | 40     | 0.3       | 2.3     | 0.49  | 101.6     | 125.9059 | 46.5893 |
| 2009 | 6     | 14  | 3    | 36     | 40     | 0.3       | 2.3     | 0.49  | 96.6      | 125.9059 | 46.8748 |
| 2009 | 6     | 14  | 3    | 46     | 40     | 0.3       | 2.3     | 0.43  | 101.6     | 125.9059 | 41.166  |
| 2009 | 6     | 14  | 3    | 56     | 40     | 0.3       | 2.3     | 0.46  | 101.9     | 125.9059 | 44.3058 |
| 2009 | 6     | 14  | 4    | 6      | 40     | 0.3       | 2.3     | 0.46  | 98.2      | 125.9059 | 44.3058 |
| 2009 | 6     | 14  | 4    | 16     | 40     | 0.3       | 2.3     | 0.4   | 90        | 126.0957 | 39.5129 |
| 2009 | 6     | 14  | 4    | 26     | 40     | 0.3       | 2.3     | 0.48  | 100.3     | 126.0957 | 45.8019 |
| 2009 | 6     | 14  | 4    | 36     | 40     | 0.3       | 2.3     | 0.47  | 96.9      | 125.9059 | 45.1621 |
| 2009 | 6     | 14  | 4    | 46     | 40     | 0.3       | 2.3     | 0.48  | 97.9      | 125.9059 | 46.3039 |
| 2009 | 6     | 14  | 4    | 56     | 40     | 0.3       | 2.3     | 0.45  | 99.7      | 125.9059 | 43.1641 |
| 2009 | 6     | 14  | 5    | 6      | 40     | 0.3       | 2.3     | 0.47  | 98.5      | 125.9059 | 45.1621 |
| 2009 | 6     | 14  | 5    | 16     | 40     | 0.3       | 2.3     | 0.48  | 100.7     | 125.9059 | 45.733  |
| 2009 | 6     | 14  | 5    | 26     | 40     | 0.3       | 2.3     | 0.46  | 98.2      | 125.9059 | 44.5913 |
| 2009 | 6     | 14  | 5    | 36     | 40     | 0.3       | 2.3     | 0.51  | 94        | 125.9059 | 49.4437 |
| 2009 | 6     | 14  | 5    | 46     | 40     | 0.3       | 2.3     | 0.48  | 99.8      | 125.9059 | 46.3039 |
| 2009 | 6     | 14  | 5    | 56     | 40     | 0.3       | 2.3     | 0.49  | 99.6      | 125.9059 | 47.1602 |
| 2009 | 6     | 14  | 6    | 6      | 40     | 0.3       | 2.3     | 0.49  | 102.1     | 125.9059 | 46.3039 |
| 2009 | 6     | 14  | 6    | 16     | 40     | 0.3       | 2.3     | 0.43  | 96.1      | 125.9059 | 42.3078 |
| 2009 | 6     | 14  | 6    | 26     | 40     | 0.3       | 2.3     | 0.46  | 94.1      | 125.9059 | 45.1621 |
| 2009 | 6     | 14  | 6    | 36     | 40     | 0.3       | 2.3     | 0.46  | 99.9      | 125.7163 | 44.2391 |
| 2009 | 6     | 14  | 6    | 46     | 40     | 0.3       | 2.3     | 0.49  | 97.7      | 125.9059 | 46.8748 |
| 2009 | 6     | 14  | 6    | 56     | 40     | 0.3       | 2.3     | 0.48  | 97.4      | 125.9059 | 46.5893 |
| 2009 | 6     | 14  | 7    | 6      | 40     | 0.3       | 2.3     | 0.46  | 94.9      | 125.7163 | 45.0941 |
| 2009 | 6     | 14  | 7    | 16     | 40     | 0.3       | 2.3     | 0.52  | 97.6      | 125.7163 | 49.6542 |
| 2009 | 6     | 14  | 7    | 26     | 40     | 0.3       | 2.3     | 0.44  | 105.2     | 125.7163 | 41.674  |
| 2009 | 6     | 14  | 7    | 36     | 40     | 0.3       | 2.3     | 0.52  | 101       | 125.7163 | 49.0842 |
| 2009 | 6     | 14  | 7    | 46     | 40     | 0.3       | 2.3     | 0.42  | 102.7     | 125.7163 | 40.249  |
| 2009 | 6     | 14  | 7    | 56     | 40     | 0.3       | 2.3     | 0.49  | 98.1      | 125.7163 | 46.8042 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 14  | 8    | 6      | 40     | 0.3       | 2.3     | 0.48  | 101.8     | 125.7163 | 45.6641 |
| 2009 | 6     | 14  | 8    | 16     | 40     | 0.3       | 2.3     | 0.45  | 103.1     | 125.7163 | 42.8141 |
| 2009 | 6     | 14  | 8    | 26     | 40     | 0.3       | 2.3     | 0.47  | 95.9      | 125.7163 | 45.9491 |
| 2009 | 6     | 14  | 8    | 36     | 40     | 0.3       | 2.3     | 0.45  | 94.6      | 125.7163 | 43.9541 |
| 2009 | 6     | 14  | 8    | 46     | 40     | 0.3       | 2.3     | 0.44  | 104.1     | 125.7163 | 42.2441 |
| 2009 | 6     | 14  | 8    | 56     | 40     | 0.3       | 2.3     | 0.42  | 93.5      | 125.7163 | 41.674  |
| 2009 | 6     | 14  | 9    | 6      | 40     | 0.3       | 2.3     | 0.43  | 104.3     | 125.7163 | 40.819  |
| 2009 | 6     | 14  | 9    | 16     | 40     | 0.3       | 2.3     | 0.44  | 98.6      | 125.7163 | 42.5291 |
| 2009 | 6     | 14  | 9    | 26     | 40     | 0.3       | 2.3     | 0.44  | 101.6     | 125.5267 | 42.1804 |
| 2009 | 6     | 14  | 9    | 36     | 40     | 0.3       | 2.3     | 0.51  | 102.7     | 125.5267 | 47.8719 |
| 2009 | 6     | 14  | 9    | 46     | 40     | 0.3       | 2.3     | 0.44  | 96.9      | 125.5267 | 42.4649 |
| 2009 | 6     | 14  | 9    | 56     | 40     | 0.3       | 2.3     | 0.44  | 96        | 125.5267 | 42.7495 |
| 2009 | 6     | 14  | 10   | 6      | 40     | 0.3       | 2.3     | 0.44  | 100.2     | 125.3372 | 42.685  |
| 2009 | 6     | 14  | 10   | 16     | 40     | 0.3       | 2.3     | 0.44  | 98.1      | 125.3372 | 42.685  |
| 2009 | 6     | 14  | 10   | 26     | 40     | 0.3       | 2.3     | 0.46  | 101.6     | 125.3372 | 43.8216 |
| 2009 | 6     | 14  | 10   | 36     | 40     | 0.3       | 2.3     | 0.44  | 102.8     | 125.3372 | 42.4008 |
| 2009 | 6     | 14  | 10   | 46     | 40     | 0.3       | 2.3     | 0.46  | 96.1      | 125.1479 | 44.6065 |
| 2009 | 6     | 14  | 10   | 56     | 40     | 0.3       | 2.3     | 0.45  | 98.4      | 124.9585 | 43.1226 |
| 2009 | 6     | 14  | 11   | 6      | 40     | 0.3       | 2       | 0.47  | 96.5      | 124.7694 | 44.7545 |
| 2009 | 6     | 14  | 11   | 16     | 40     | 0.3       | 2       | 0.47  | 98.5      | 124.7694 | 44.7545 |
| 2009 | 6     | 14  | 11   | 26     | 40     | 0.3       | 2       | 0.44  | 99        | 124.7694 | 42.2087 |
| 2009 | 6     | 14  | 11   | 36     | 40     | 0.3       | 2       | 0.47  | 98        | 124.7694 | 45.0373 |
| 2009 | 6     | 14  | 11   | 46     | 40     | 0.3       | 2       | 0.46  | 100.7     | 124.7694 | 43.9059 |
| 2009 | 6     | 14  | 11   | 56     | 40     | 0.3       | 2       | 0.46  | 93.3      | 124.7694 | 44.1887 |
| 2009 | 6     | 14  | 12   | 6      | 40     | 0.3       | 2       | 0.48  | 101.5     | 124.7694 | 45.0373 |
| 2009 | 6     | 14  | 12   | 16     | 40     | 0.3       | 2       | 0.5   | 94.9      | 124.7694 | 48.1488 |
| 2009 | 6     | 14  | 12   | 26     | 40     | 0.3       | 2       | 0.44  | 103.2     | 124.7694 | 42.2087 |
| 2009 | 6     | 14  | 12   | 36     | 40     | 0.3       | 2       | 0.48  | 99.1      | 124.7694 | 45.603  |
| 2009 | 6     | 14  | 12   | 46     | 40     | 0.3       | 2       | 0.42  | 97.1      | 124.7694 | 41.0773 |
| 2009 | 6     | 14  | 12   | 56     | 40     | 0.3       | 2       | 0.41  | 104.3     | 124.7694 | 39.3801 |
| 2009 | 6     | 14  | 13   | 6      | 40     | 0.3       | 2       | 0.43  | 98.8      | 124.7694 | 41.3601 |
| 2009 | 6     | 14  | 13   | 16     | 40     | 0.3       | 2       | 0.47  | 100.9     | 124.7694 | 44.4716 |
| 2009 | 6     | 14  | 13   | 26     | 40     | 0.3       | 2       | 0.43  | 97        | 124.5802 | 41.8623 |
| 2009 | 6     | 14  | 13   | 36     | 40     | 0.3       | 2       | 0.43  | 100.1     | 124.7694 | 41.3601 |
| 2009 | 6     | 14  | 13   | 46     | 40     | 0.3       | 2       | 0.45  | 98        | 124.5802 | 42.992  |
| 2009 | 6     | 14  | 13   | 56     | 40     | 0.3       | 2       | 0.49  | 95.7      | 124.5802 | 46.9461 |
| 2009 | 6     | 14  | 14   | 6      | 40     | 0.3       | 2       | 0.46  | 99.8      | 124.7694 | 44.1887 |
| 2009 | 6     | 14  | 14   | 16     | 40     | 0.3       | 2       | 0.47  | 93.2      | 124.7694 | 45.3202 |
| 2009 | 6     | 14  | 14   | 26     | 40     | 0.3       | 2       | 0.52  | 97.6      | 124.5802 | 49.2055 |
| 2009 | 6     | 14  | 14   | 36     | 40     | 0.3       | 2       | 0.43  | 104.7     | 124.7694 | 40.5116 |
| 2009 | 6     | 14  | 14   | 46     | 40     | 0.3       | 2       | 0.44  | 96.1      | 124.5802 | 42.1447 |
| 2009 | 6     | 14  | 14   | 56     | 40     | 0.3       | 2       | 0.5   | 96        | 124.5802 | 48.0758 |
| 2009 | 6     | 14  | 15   | 6      | 40     | 0.3       | 2       | 0.46  | 93.2      | 124.7694 | 44.7545 |
| 2009 | 6     | 14  | 15   | 16     | 40     | 0.3       | 2       | 0.45  | 93.4      | 124.5802 | 43.2745 |
| 2009 | 6     | 14  | 15   | 26     | 40     | 0.3       | 2       | 0.4   | 100       | 124.5802 | 38.4731 |
| 2009 | 6     | 14  | 15   | 36     | 40     | 0.3       | 2       | 0.41  | 103.9     | 124.5802 | 39.038  |
| 2009 | 6     | 14  | 15   | 46     | 40     | 0.3       | 2       | 0.47  | 100.8     | 124.5802 | 44.969  |
| 2009 | 6     | 14  | 15   | 56     | 40     | 0.3       | 2       | 0.47  | 94        | 124.3912 | 45.4648 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 14  | 16   | 6      | 40     | 0.3       | 2       | 0.48  | 98.2      | 124.5802 | 46.0988 |
| 2009 | 6     | 14  | 16   | 16     | 40     | 0.3       | 2       | 0.45  | 100.2     | 124.5802 | 42.7096 |
| 2009 | 6     | 14  | 16   | 26     | 40     | 0.3       | 2       | 0.48  | 100.2     | 124.5802 | 45.5339 |
| 2009 | 6     | 14  | 16   | 36     | 40     | 0.3       | 2       | 0.42  | 97.6      | 124.3912 | 40.6708 |
| 2009 | 6     | 14  | 16   | 46     | 40     | 0.3       | 2       | 0.45  | 101       | 124.5802 | 42.7096 |
| 2009 | 6     | 14  | 16   | 56     | 40     | 0.3       | 2       | 0.46  | 97.4      | 124.3912 | 43.7728 |
| 2009 | 6     | 14  | 17   | 6      | 40     | 0.3       | 2       | 0.47  | 100.4     | 124.3912 | 44.9008 |
| 2009 | 6     | 14  | 17   | 16     | 40     | 0.3       | 2       | 0.46  | 99        | 124.3912 | 44.0548 |
| 2009 | 6     | 14  | 17   | 26     | 40     | 0.3       | 2       | 0.45  | 93.8      | 124.3912 | 43.4908 |
| 2009 | 6     | 14  | 17   | 36     | 40     | 0.3       | 2       | 0.5   | 101.3     | 124.3912 | 47.1568 |
| 2009 | 6     | 14  | 17   | 46     | 40     | 0.3       | 2       | 0.5   | 97.1      | 124.3912 | 47.7208 |
| 2009 | 6     | 14  | 17   | 56     | 40     | 0.3       | 2       | 0.51  | 96.6      | 124.3912 | 48.5668 |
| 2009 | 6     | 14  | 18   | 6      | 40     | 0.3       | 2       | 0.43  | 96.6      | 124.3912 | 41.2348 |
| 2009 | 6     | 14  | 18   | 16     | 40     | 0.3       | 2       | 0.48  | 96.6      | 124.3912 | 46.0288 |
| 2009 | 6     | 14  | 18   | 26     | 40     | 0.3       | 2       | 0.47  | 100.1     | 124.3912 | 44.6188 |
| 2009 | 6     | 14  | 18   | 36     | 40     | 0.3       | 2       | 0.46  | 97        | 124.3912 | 44.0548 |
| 2009 | 6     | 14  | 18   | 46     | 40     | 0.3       | 2       | 0.47  | 99.6      | 124.3912 | 44.9008 |
| 2009 | 6     | 14  | 18   | 56     | 40     | 0.3       | 2       | 0.45  | 102.1     | 124.3912 | 42.9268 |
| 2009 | 6     | 14  | 19   | 6      | 40     | 0.3       | 2       | 0.48  | 99.5      | 124.3912 | 45.4648 |
| 2009 | 6     | 14  | 19   | 16     | 40     | 0.3       | 2       | 0.48  | 95.9      | 124.3912 | 45.7468 |
| 2009 | 6     | 14  | 19   | 26     | 40     | 0.3       | 2       | 0.49  | 98.4      | 124.3912 | 46.8748 |
| 2009 | 6     | 14  | 19   | 36     | 40     | 0.3       | 2       | 0.5   | 96        | 124.5802 | 48.0758 |
| 2009 | 6     | 14  | 19   | 46     | 40     | 0.3       | 2       | 0.47  | 94.8      | 124.3912 | 44.9008 |
| 2009 | 6     | 14  | 19   | 56     | 40     | 0.3       | 2       | 0.49  | 100.1     | 124.3912 | 46.0288 |
| 2009 | 6     | 14  | 20   | 6      | 40     | 0.3       | 2       | 0.41  | 98.3      | 124.3912 | 39.8248 |
| 2009 | 6     | 14  | 20   | 16     | 40     | 0.3       | 2       | 0.51  | 95.5      | 124.3912 | 48.5668 |
| 2009 | 6     | 14  | 20   | 26     | 40     | 0.3       | 2       | 0.42  | 100.3     | 124.3912 | 40.3888 |
| 2009 | 6     | 14  | 20   | 36     | 40     | 0.3       | 2       | 0.5   | 101       | 124.3912 | 46.8748 |
| 2009 | 6     | 14  | 20   | 46     | 40     | 0.3       | 2       | 0.44  | 98.5      | 124.3912 | 42.6448 |
| 2009 | 6     | 14  | 20   | 56     | 40     | 0.3       | 2       | 0.48  | 100.2     | 124.3912 | 45.7468 |
| 2009 | 6     | 14  | 21   | 6      | 40     | 0.3       | 2       | 0.42  | 98.1      | 124.3912 | 40.3888 |
| 2009 | 6     | 14  | 21   | 16     | 40     | 0.3       | 2       | 0.42  | 101.2     | 124.3912 | 40.3888 |
| 2009 | 6     | 14  | 21   | 26     | 40     | 0.3       | 2       | 0.47  | 100.5     | 124.3912 | 44.3368 |
| 2009 | 6     | 14  | 21   | 36     | 40     | 0.3       | 2       | 0.44  | 93.8      | 124.3912 | 42.9268 |
| 2009 | 6     | 14  | 21   | 46     | 40     | 0.3       | 2       | 0.44  | 98.6      | 124.3912 | 42.3628 |
| 2009 | 6     | 14  | 21   | 56     | 40     | 0.3       | 2       | 0.43  | 101.8     | 124.3912 | 41.2348 |
| 2009 | 6     | 14  | 22   | 6      | 40     | 0.3       | 2       | 0.52  | 107.3     | 124.3912 | 47.4388 |
| 2009 | 6     | 14  | 22   | 16     | 40     | 0.3       | 2       | 0.45  | 98.7      | 124.3912 | 43.4908 |
| 2009 | 6     | 14  | 22   | 26     | 40     | 0.3       | 2       | 0.49  | 100.1     | 124.3912 | 46.0288 |
| 2009 | 6     | 14  | 22   | 36     | 40     | 0.3       | 2       | 0.44  | 95.5      | 124.3912 | 42.6448 |
| 2009 | 6     | 14  | 22   | 46     | 40     | 0.3       | 2       | 0.46  | 97.8      | 124.3912 | 44.0548 |
| 2009 | 6     | 14  | 22   | 56     | 40     | 0.3       | 2       | 0.49  | 100.4     | 124.3912 | 46.3108 |
| 2009 | 6     | 14  | 23   | 6      | 40     | 0.3       | 2       | 0.5   | 102.6     | 124.3912 | 46.5928 |
| 2009 | 6     | 14  | 23   | 16     | 40     | 0.3       | 2       | 0.49  | 96.9      | 124.3912 | 46.5928 |
| 2009 | 6     | 14  | 23   | 26     | 40     | 0.3       | 2       | 0.46  | 95.3      | 124.3912 | 44.6188 |
| 2009 | 6     | 14  | 23   | 36     | 40     | 0.3       | 2       | 0.46  | 99.9      | 124.3912 | 43.7728 |
| 2009 | 6     | 14  | 23   | 46     | 40     | 0.3       | 2       | 0.47  | 104.2     | 124.3912 | 43.7728 |
| 2009 | 6     | 14  | 23   | 56     | 40     | 0.3       | 2       | 0.46  | 97.8      | 124.3912 | 43.7728 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 15  | 0    | 6      | 40     | 0.3       | 2       | 0.47  | 104.1     | 124.3912 | 44.0548 |
| 2009 | 6     | 15  | 0    | 16     | 40     | 0.3       | 2       | 0.46  | 95.7      | 124.3912 | 44.3368 |
| 2009 | 6     | 15  | 0    | 26     | 40     | 0.3       | 2       | 0.46  | 100.7     | 124.3912 | 43.7728 |
| 2009 | 6     | 15  | 0    | 36     | 40     | 0.3       | 2       | 0.41  | 101.9     | 124.3912 | 39.5428 |
| 2009 | 6     | 15  | 0    | 46     | 40     | 0.3       | 2       | 0.5   | 104.4     | 124.3912 | 46.5928 |
| 2009 | 6     | 15  | 0    | 56     | 40     | 0.3       | 2       | 0.46  | 96.9      | 124.3912 | 44.3368 |
| 2009 | 6     | 15  | 1    | 6      | 40     | 0.3       | 2       | 0.44  | 100       | 124.3912 | 41.7988 |
| 2009 | 6     | 15  | 1    | 16     | 40     | 0.3       | 2       | 0.44  | 103.8     | 124.3912 | 41.5168 |
| 2009 | 6     | 15  | 1    | 26     | 40     | 0.3       | 2       | 0.45  | 98.3      | 124.3912 | 43.4908 |
| 2009 | 6     | 15  | 1    | 36     | 40     | 0.3       | 2       | 0.5   | 97.2      | 124.3912 | 47.1568 |
| 2009 | 6     | 15  | 1    | 46     | 40     | 0.3       | 2       | 0.48  | 101.5     | 124.3912 | 44.9008 |
| 2009 | 6     | 15  | 1    | 56     | 40     | 0.3       | 2       | 0.41  | 100.2     | 124.3912 | 39.2608 |
| 2009 | 6     | 15  | 2    | 6      | 40     | 0.3       | 2       | 0.46  | 100.3     | 124.5802 | 43.8393 |
| 2009 | 6     | 15  | 2    | 16     | 40     | 0.3       | 2       | 0.45  | 100.4     | 124.3912 | 43.2088 |
| 2009 | 6     | 15  | 2    | 26     | 40     | 0.3       | 2       | 0.51  | 97        | 124.3912 | 48.5668 |
| 2009 | 6     | 15  | 2    | 36     | 40     | 0.3       | 2       | 0.48  | 99        | 124.3912 | 46.0288 |
| 2009 | 6     | 15  | 2    | 46     | 40     | 0.3       | 2       | 0.45  | 106.1     | 124.5802 | 42.1447 |
| 2009 | 6     | 15  | 2    | 56     | 40     | 0.3       | 2       | 0.46  | 98.2      | 124.3912 | 44.0548 |
| 2009 | 6     | 15  | 3    | 6      | 40     | 0.3       | 2       | 0.47  | 105.3     | 124.3912 | 44.0548 |
| 2009 | 6     | 15  | 3    | 16     | 40     | 0.3       | 2       | 0.44  | 96        | 124.3912 | 42.3628 |
| 2009 | 6     | 15  | 3    | 26     | 40     | 0.3       | 2       | 0.45  | 97.5      | 124.3912 | 43.2088 |
| 2009 | 6     | 15  | 3    | 36     | 40     | 0.3       | 2       | 0.5   | 97.9      | 124.3912 | 47.4388 |
| 2009 | 6     | 15  | 3    | 46     | 40     | 0.3       | 2       | 0.42  | 96.7      | 124.5802 | 40.7326 |
| 2009 | 6     | 15  | 3    | 56     | 40     | 0.3       | 2       | 0.44  | 96.9      | 124.5802 | 42.4272 |
| 2009 | 6     | 15  | 4    | 6      | 40     | 0.3       | 2       | 0.47  | 100.5     | 124.5802 | 44.4042 |
| 2009 | 6     | 15  | 4    | 16     | 40     | 0.3       | 2       | 0.41  | 101.6     | 124.5802 | 39.3204 |
| 2009 | 6     | 15  | 4    | 26     | 40     | 0.3       | 2       | 0.46  | 102.8     | 124.5802 | 43.5569 |
| 2009 | 6     | 15  | 4    | 36     | 40     | 0.3       | 2       | 0.47  | 98.5      | 124.5802 | 44.6866 |
| 2009 | 6     | 15  | 4    | 46     | 40     | 0.3       | 2       | 0.47  | 96.4      | 124.5802 | 44.969  |
| 2009 | 6     | 15  | 4    | 56     | 40     | 0.3       | 2       | 0.46  | 100.2     | 124.5802 | 44.1218 |
| 2009 | 6     | 15  | 5    | 6      | 40     | 0.3       | 2       | 0.44  | 98.9      | 124.5802 | 42.7096 |
| 2009 | 6     | 15  | 5    | 16     | 40     | 0.3       | 2       | 0.45  | 98.7      | 124.3912 | 43.4908 |
| 2009 | 6     | 15  | 5    | 26     | 40     | 0.3       | 2       | 0.47  | 98.8      | 124.5802 | 44.969  |
| 2009 | 6     | 15  | 5    | 36     | 40     | 0.3       | 2       | 0.47  | 100.4     | 124.5802 | 44.969  |
| 2009 | 6     | 15  | 5    | 46     | 40     | 0.3       | 2       | 0.45  | 99.6      | 124.5802 | 43.2745 |
| 2009 | 6     | 15  | 5    | 56     | 40     | 0.3       | 2       | 0.52  | 98        | 124.5802 | 49.2055 |
| 2009 | 6     | 15  | 6    | 6      | 40     | 0.3       | 2       | 0.44  | 98.6      | 124.5802 | 42.1447 |
| 2009 | 6     | 15  | 6    | 16     | 40     | 0.3       | 2       | 0.43  | 99.2      | 124.5802 | 41.2975 |
| 2009 | 6     | 15  | 6    | 26     | 40     | 0.3       | 2.3     | 0.5   | 99.4      | 124.5802 | 47.5109 |
| 2009 | 6     | 15  | 6    | 36     | 40     | 0.3       | 2.3     | 0.45  | 98.7      | 124.5802 | 43.5569 |
| 2009 | 6     | 15  | 6    | 46     | 40     | 0.3       | 2.3     | 0.45  | 95        | 124.5802 | 43.8393 |
| 2009 | 6     | 15  | 6    | 56     | 40     | 0.3       | 2.3     | 0.45  | 100       | 124.5802 | 43.2745 |
| 2009 | 6     | 15  | 7    | 6      | 40     | 0.3       | 2.3     | 0.45  | 98.4      | 124.5802 | 42.992  |
| 2009 | 6     | 15  | 7    | 16     | 40     | 0.3       | 2.3     | 0.45  | 100.1     | 124.5802 | 42.992  |
| 2009 | 6     | 15  | 7    | 26     | 40     | 0.3       | 2.3     | 0.48  | 104.2     | 124.5802 | 44.969  |
| 2009 | 6     | 15  | 7    | 36     | 40     | 0.3       | 2       | 0.45  | 98.4      | 124.5802 | 43.2745 |
| 2009 | 6     | 15  | 7    | 46     | 40     | 0.3       | 2       | 0.41  | 95.6      | 124.5802 | 39.6029 |
| 2009 | 6     | 15  | 7    | 56     | 40     | 0.3       | 2.3     | 0.49  | 99.7      | 124.5802 | 46.0988 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 15  | 8    | 6      | 40     | 0.3       | 2       | 0.47  | 101.2     | 124.5802 | 44.6866 |
| 2009 | 6     | 15  | 8    | 16     | 40     | 0.3       | 2       | 0.44  | 97.8      | 124.5802 | 42.1447 |
| 2009 | 6     | 15  | 8    | 26     | 40     | 0.3       | 2       | 0.49  | 99.6      | 124.5802 | 46.6636 |
| 2009 | 6     | 15  | 8    | 36     | 40     | 0.3       | 2       | 0.42  | 96.7      | 124.5802 | 40.7326 |
| 2009 | 6     | 15  | 8    | 46     | 40     | 0.3       | 2       | 0.41  | 94.5      | 124.5802 | 40.4502 |
| 2009 | 6     | 15  | 8    | 56     | 40     | 0.3       | 2       | 0.45  | 100.8     | 124.5802 | 43.2745 |
| 2009 | 6     | 15  | 9    | 6      | 40     | 0.3       | 2       | 0.41  | 96.9      | 124.5802 | 39.8853 |
| 2009 | 6     | 15  | 9    | 16     | 40     | 0.3       | 2       | 0.47  | 100       | 124.5802 | 44.969  |
| 2009 | 6     | 15  | 9    | 26     | 40     | 0.3       | 2       | 0.43  | 94.4      | 124.5802 | 41.8623 |
| 2009 | 6     | 15  | 9    | 36     | 40     | 0.3       | 2       | 0.48  | 102.9     | 124.5802 | 45.5339 |
| 2009 | 6     | 15  | 9    | 46     | 40     | 0.3       | 2       | 0.45  | 98.8      | 124.5802 | 43.2745 |
| 2009 | 6     | 15  | 9    | 56     | 40     | 0.3       | 2       | 0.47  | 100.4     | 124.5802 | 44.6866 |
| 2009 | 6     | 15  | 10   | 6      | 40     | 0.3       | 2       | 0.47  | 96        | 124.5802 | 45.2515 |
| 2009 | 6     | 15  | 10   | 16     | 40     | 0.3       | 2       | 0.46  | 101.1     | 124.5802 | 43.5569 |
| 2009 | 6     | 15  | 10   | 26     | 40     | 0.3       | 2       | 0.46  | 103.1     | 124.5802 | 43.8393 |
| 2009 | 6     | 15  | 10   | 36     | 40     | 0.3       | 2       | 0.43  | 103.6     | 124.5802 | 41.015  |
| 2009 | 6     | 15  | 10   | 46     | 40     | 0.3       | 2       | 0.5   | 100.6     | 124.5802 | 46.9461 |
| 2009 | 6     | 15  | 10   | 56     | 40     | 0.3       | 2       | 0.4   | 98.4      | 124.5802 | 39.3204 |
| 2009 | 6     | 15  | 11   | 6      | 40     | 0.3       | 2       | 0.49  | 98.1      | 124.5802 | 46.6636 |
| 2009 | 6     | 15  | 11   | 16     | 40     | 0.3       | 2       | 0.45  | 98.7      | 124.5802 | 43.5569 |
| 2009 | 6     | 15  | 11   | 26     | 40     | 0.3       | 2       | 0.47  | 101.7     | 124.5802 | 44.4042 |
| 2009 | 6     | 15  | 11   | 36     | 40     | 0.3       | 2       | 0.46  | 100.7     | 124.5802 | 43.5569 |
| 2009 | 6     | 15  | 11   | 46     | 40     | 0.3       | 2       | 0.45  | 96.3      | 124.5802 | 42.992  |
| 2009 | 6     | 15  | 11   | 56     | 40     | 0.3       | 2       | 0.45  | 96.7      | 124.5802 | 43.2745 |
| 2009 | 6     | 15  | 12   | 6      | 40     | 0.3       | 2       | 0.42  | 99.4      | 124.5802 | 40.7326 |
| 2009 | 6     | 15  | 12   | 16     | 40     | 0.3       | 2       | 0.43  | 103.6     | 124.5802 | 41.015  |
| 2009 | 6     | 15  | 12   | 26     | 40     | 0.3       | 2       | 0.49  | 100       | 124.3912 | 46.3108 |
| 2009 | 6     | 15  | 12   | 36     | 40     | 0.3       | 2       | 0.45  | 98.7      | 124.7694 | 43.623  |
| 2009 | 6     | 15  | 12   | 46     | 40     | 0.3       | 2       | 0.46  | 102       | 124.5802 | 43.5569 |
| 2009 | 6     | 15  | 12   | 56     | 40     | 0.3       | 2       | 0.44  | 100.3     | 124.5802 | 42.1447 |
| 2009 | 6     | 15  | 13   | 6      | 40     | 0.3       | 2       | 0.41  | 101.7     | 124.5802 | 39.038  |
| 2009 | 6     | 15  | 13   | 16     | 40     | 0.3       | 2       | 0.44  | 96.8      | 124.5802 | 42.7096 |
| 2009 | 6     | 15  | 13   | 26     | 40     | 0.3       | 2       | 0.47  | 100.4     | 124.5802 | 44.969  |
| 2009 | 6     | 15  | 13   | 36     | 40     | 0.3       | 2       | 0.44  | 97.7      | 124.5802 | 42.7096 |
| 2009 | 6     | 15  | 13   | 46     | 40     | 0.3       | 2       | 0.39  | 97.2      | 124.5802 | 38.4731 |
| 2009 | 6     | 15  | 13   | 56     | 40     | 0.3       | 2       | 0.47  | 104       | 124.5802 | 44.4042 |
| 2009 | 6     | 15  | 14   | 6      | 40     | 0.3       | 2       | 0.51  | 98.5      | 124.5802 | 48.0758 |
| 2009 | 6     | 15  | 14   | 16     | 40     | 0.3       | 2       | 0.44  | 98.6      | 124.5802 | 42.4272 |
| 2009 | 6     | 15  | 14   | 26     | 40     | 0.3       | 2       | 0.45  | 100.9     | 124.5802 | 42.992  |
| 2009 | 6     | 15  | 14   | 36     | 40     | 0.3       | 2       | 0.5   | 95.6      | 124.5802 | 47.7934 |
| 2009 | 6     | 15  | 14   | 46     | 40     | 0.3       | 2       | 0.47  | 98.8      | 124.3912 | 44.9008 |
| 2009 | 6     | 15  | 14   | 56     | 40     | 0.3       | 2       | 0.4   | 100.4     | 124.3912 | 38.6968 |
| 2009 | 6     | 15  | 15   | 6      | 40     | 0.3       | 2       | 0.44  | 99        | 124.3912 | 42.3628 |
| 2009 | 6     | 15  | 15   | 16     | 40     | 0.3       | 2       | 0.46  | 96.5      | 124.5802 | 44.4042 |
| 2009 | 6     | 15  | 15   | 26     | 40     | 0.3       | 2       | 0.47  | 102.4     | 124.5802 | 44.6866 |
| 2009 | 6     | 15  | 15   | 36     | 40     | 0.3       | 2       | 0.49  | 100       | 124.3912 | 46.3108 |
| 2009 | 6     | 15  | 15   | 46     | 40     | 0.3       | 2       | 0.39  | 88.1      | 124.3912 | 38.6968 |
| 2009 | 6     | 15  | 15   | 56     | 40     | 0.3       | 2       | 0.48  | 94.3      | 124.3912 | 45.7468 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 15  | 16   | 6      | 40     | 0.3       | 2       | 0.46  | 98.2      | 124.3912 | 43.7728 |
| 2009 | 6     | 15  | 16   | 16     | 40     | 0.3       | 2       | 0.47  | 97.3      | 124.3912 | 44.6188 |
| 2009 | 6     | 15  | 16   | 26     | 40     | 0.3       | 2       | 0.43  | 99.2      | 124.3912 | 41.2348 |
| 2009 | 6     | 15  | 16   | 36     | 40     | 0.3       | 2       | 0.44  | 97.2      | 124.3912 | 42.6448 |
| 2009 | 6     | 15  | 16   | 46     | 40     | 0.3       | 2       | 0.46  | 105       | 124.3912 | 42.6448 |
| 2009 | 6     | 15  | 16   | 56     | 40     | 0.3       | 2       | 0.44  | 96        | 124.3912 | 42.6448 |
| 2009 | 6     | 15  | 17   | 6      | 40     | 0.3       | 2       | 0.48  | 95.4      | 124.5802 | 46.3812 |
| 2009 | 6     | 15  | 17   | 16     | 40     | 0.3       | 2       | 0.48  | 99.5      | 124.5802 | 45.5339 |
| 2009 | 6     | 15  | 17   | 26     | 40     | 0.3       | 2       | 0.46  | 96.1      | 124.3912 | 44.3368 |
| 2009 | 6     | 15  | 17   | 36     | 40     | 0.3       | 2       | 0.42  | 101.2     | 124.3912 | 40.3888 |
| 2009 | 6     | 15  | 17   | 46     | 40     | 0.3       | 2       | 0.49  | 102.4     | 124.3912 | 45.7468 |
| 2009 | 6     | 15  | 17   | 56     | 40     | 0.3       | 2       | 0.47  | 95.6      | 124.3912 | 45.4648 |
| 2009 | 6     | 15  | 18   | 6      | 40     | 0.3       | 2       | 0.47  | 98.4      | 124.3912 | 44.9008 |
| 2009 | 6     | 15  | 18   | 16     | 40     | 0.3       | 2       | 0.43  | 101.6     | 124.3912 | 40.6708 |
| 2009 | 6     | 15  | 18   | 26     | 40     | 0.3       | 2       | 0.51  | 94.1      | 124.3912 | 48.5668 |
| 2009 | 6     | 15  | 18   | 36     | 40     | 0.3       | 2       | 0.5   | 99.8      | 124.3912 | 47.1568 |
| 2009 | 6     | 15  | 18   | 46     | 40     | 0.3       | 2       | 0.47  | 102.4     | 124.3912 | 44.6188 |
| 2009 | 6     | 15  | 18   | 56     | 40     | 0.3       | 2       | 0.48  | 98.7      | 124.3912 | 45.4648 |
| 2009 | 6     | 15  | 19   | 6      | 40     | 0.3       | 2       | 0.44  | 97.2      | 124.3912 | 42.6448 |
| 2009 | 6     | 15  | 19   | 16     | 40     | 0.3       | 2       | 0.43  | 100.5     | 124.3912 | 41.2348 |
| 2009 | 6     | 15  | 19   | 26     | 40     | 0.3       | 2       | 0.47  | 95.9      | 124.3912 | 45.4648 |
| 2009 | 6     | 15  | 19   | 36     | 40     | 0.3       | 2       | 0.49  | 100.1     | 124.5802 | 46.0988 |
| 2009 | 6     | 15  | 19   | 46     | 40     | 0.3       | 2       | 0.51  | 95.9      | 124.5802 | 48.6407 |
| 2009 | 6     | 15  | 19   | 56     | 40     | 0.3       | 2       | 0.5   | 99.8      | 124.3912 | 47.4388 |
| 2009 | 6     | 15  | 20   | 6      | 40     | 0.3       | 2       | 0.43  | 103.7     | 124.5802 | 40.7326 |
| 2009 | 6     | 15  | 20   | 16     | 40     | 0.3       | 2       | 0.46  | 95.3      | 124.5802 | 44.6866 |
| 2009 | 6     | 15  | 20   | 26     | 40     | 0.3       | 2       | 0.4   | 96.5      | 124.5802 | 39.3204 |
| 2009 | 6     | 15  | 20   | 36     | 40     | 0.3       | 2       | 0.41  | 98.6      | 124.5802 | 40.1677 |
| 2009 | 6     | 15  | 20   | 46     | 40     | 0.3       | 2       | 0.44  | 99.5      | 124.5802 | 42.1447 |
| 2009 | 6     | 15  | 20   | 56     | 40     | 0.3       | 2       | 0.4   | 99.5      | 124.5802 | 38.4731 |
| 2009 | 6     | 15  | 21   | 6      | 40     | 0.3       | 2       | 0.43  | 98.4      | 124.5802 | 41.2975 |
| 2009 | 6     | 15  | 21   | 16     | 40     | 0.3       | 2       | 0.45  | 100.9     | 124.3912 | 42.9268 |
| 2009 | 6     | 15  | 21   | 26     | 40     | 0.3       | 2       | 0.4   | 100.8     | 124.5802 | 39.038  |
| 2009 | 6     | 15  | 21   | 36     | 40     | 0.3       | 2       | 0.48  | 98.2      | 124.3912 | 45.7468 |
| 2009 | 6     | 15  | 21   | 46     | 40     | 0.3       | 2       | 0.42  | 101.4     | 124.5802 | 39.8853 |
| 2009 | 6     | 15  | 21   | 56     | 40     | 0.3       | 2       | 0.45  | 101.9     | 124.5802 | 42.4272 |
| 2009 | 6     | 15  | 22   | 6      | 40     | 0.3       | 2       | 0.44  | 103.2     | 124.5802 | 42.1447 |
| 2009 | 6     | 15  | 22   | 16     | 40     | 0.3       | 2       | 0.45  | 102.9     | 124.5802 | 42.992  |
| 2009 | 6     | 15  | 22   | 26     | 40     | 0.3       | 2       | 0.4   | 93.8      | 124.5802 | 39.3204 |
| 2009 | 6     | 15  | 22   | 36     | 40     | 0.3       | 2       | 0.43  | 96.6      | 124.5802 | 41.2975 |
| 2009 | 6     | 15  | 22   | 46     | 40     | 0.3       | 2       | 0.5   | 99.4      | 124.5802 | 47.5109 |
| 2009 | 6     | 15  | 22   | 56     | 40     | 0.3       | 2       | 0.43  | 95.3      | 124.5802 | 41.5799 |
| 2009 | 6     | 15  | 23   | 6      | 40     | 0.3       | 2       | 0.42  | 91.4      | 124.5802 | 40.7326 |
| 2009 | 6     | 15  | 23   | 16     | 40     | 0.3       | 2       | 0.41  | 102       | 124.5802 | 39.3204 |
| 2009 | 6     | 15  | 23   | 26     | 40     | 0.3       | 2       | 0.44  | 94.7      | 124.7694 | 42.7744 |
| 2009 | 6     | 15  | 23   | 36     | 40     | 0.3       | 2       | 0.44  | 96.9      | 124.5802 | 42.1447 |
| 2009 | 6     | 15  | 23   | 46     | 40     | 0.3       | 2       | 0.43  | 96.6      | 124.5802 | 41.2975 |
| 2009 | 6     | 15  | 23   | 56     | 40     | 0.3       | 2       | 0.49  | 98.5      | 124.5802 | 46.6636 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 16  | 0    | 6      | 40     | 0.3       | 2       | 0.4   | 99.4      | 124.5802 | 39.038  |
| 2009 | 6     | 16  | 0    | 16     | 40     | 0.3       | 2       | 0.47  | 98        | 124.5802 | 45.2515 |
| 2009 | 6     | 16  | 0    | 26     | 40     | 0.3       | 2       | 0.4   | 97.5      | 124.5802 | 39.038  |
| 2009 | 6     | 16  | 0    | 36     | 40     | 0.3       | 2       | 0.45  | 94.6      | 124.5802 | 43.5569 |
| 2009 | 6     | 16  | 0    | 46     | 40     | 0.3       | 2       | 0.43  | 101.9     | 124.7694 | 41.0773 |
| 2009 | 6     | 16  | 0    | 56     | 40     | 0.3       | 2       | 0.48  | 101.8     | 124.5802 | 45.5339 |
| 2009 | 6     | 16  | 1    | 6      | 40     | 0.3       | 2       | 0.51  | 97.4      | 124.5802 | 48.3582 |
| 2009 | 6     | 16  | 1    | 16     | 40     | 0.3       | 2       | 0.44  | 98.6      | 124.5802 | 42.1447 |
| 2009 | 6     | 16  | 1    | 26     | 40     | 0.3       | 2       | 0.44  | 100.7     | 124.7694 | 42.2087 |
| 2009 | 6     | 16  | 1    | 36     | 40     | 0.3       | 2       | 0.37  | 101.9     | 124.7694 | 35.703  |
| 2009 | 6     | 16  | 1    | 46     | 40     | 0.3       | 2       | 0.48  | 97.1      | 124.7694 | 45.603  |
| 2009 | 6     | 16  | 1    | 56     | 40     | 0.3       | 2       | 0.42  | 100.3     | 124.7694 | 40.7944 |
| 2009 | 6     | 16  | 2    | 6      | 40     | 0.3       | 2       | 0.45  | 96.7      | 124.7694 | 43.623  |
| 2009 | 6     | 16  | 2    | 16     | 40     | 0.3       | 2.3     | 0.42  | 95        | 124.9585 | 40.8563 |
| 2009 | 6     | 16  | 2    | 26     | 40     | 0.3       | 2.3     | 0.45  | 98.7      | 124.9585 | 43.6892 |
| 2009 | 6     | 16  | 2    | 36     | 40     | 0.3       | 2.3     | 0.44  | 95.5      | 124.9585 | 42.8393 |
| 2009 | 6     | 16  | 2    | 46     | 40     | 0.3       | 2.3     | 0.42  | 104.6     | 124.9585 | 39.7231 |
| 2009 | 6     | 16  | 2    | 56     | 40     | 0.3       | 2.3     | 0.44  | 101.1     | 125.1479 | 42.3368 |
| 2009 | 6     | 16  | 3    | 6      | 40     | 0.3       | 2.3     | 0.41  | 97.4      | 125.3372 | 40.1277 |
| 2009 | 6     | 16  | 3    | 16     | 40     | 0.3       | 2.3     | 0.45  | 95.9      | 125.3372 | 43.2533 |
| 2009 | 6     | 16  | 3    | 26     | 40     | 0.3       | 2.3     | 0.48  | 100.7     | 125.3372 | 45.5265 |
| 2009 | 6     | 16  | 3    | 36     | 40     | 0.3       | 2.3     | 0.4   | 94.3      | 125.5267 | 39.3346 |
| 2009 | 6     | 16  | 3    | 46     | 40     | 0.3       | 2.3     | 0.46  | 99.9      | 125.5267 | 44.1724 |
| 2009 | 6     | 16  | 3    | 56     | 40     | 0.3       | 2.3     | 0.43  | 98.3      | 125.7163 | 42.2441 |
| 2009 | 6     | 16  | 4    | 6      | 40     | 0.3       | 2.3     | 0.41  | 100.1     | 125.7163 | 39.964  |
| 2009 | 6     | 16  | 4    | 16     | 40     | 0.3       | 2.3     | 0.44  | 103.2     | 125.7163 | 42.5291 |
| 2009 | 6     | 16  | 4    | 26     | 40     | 0.3       | 2.3     | 0.45  | 101.3     | 125.9059 | 43.4495 |
| 2009 | 6     | 16  | 4    | 36     | 40     | 0.3       | 2.3     | 0.44  | 96.9      | 125.9059 | 42.8787 |
| 2009 | 6     | 16  | 4    | 46     | 40     | 0.3       | 2.3     | 0.46  | 96.2      | 125.9059 | 44.3058 |
| 2009 | 6     | 16  | 4    | 56     | 40     | 0.3       | 2.3     | 0.48  | 98.3      | 125.9059 | 46.0185 |
| 2009 | 6     | 16  | 5    | 6      | 40     | 0.3       | 2.3     | 0.39  | 94.3      | 125.9059 | 39.168  |
| 2009 | 6     | 16  | 5    | 16     | 40     | 0.3       | 2.3     | 0.45  | 94.2      | 125.9059 | 43.735  |
| 2009 | 6     | 16  | 5    | 26     | 40     | 0.3       | 2.3     | 0.47  | 99.3      | 125.9059 | 45.1621 |
| 2009 | 6     | 16  | 5    | 36     | 40     | 0.3       | 2.3     | 0.4   | 99.4      | 125.9059 | 39.4534 |
| 2009 | 6     | 16  | 5    | 46     | 40     | 0.3       | 2.3     | 0.44  | 96.9      | 126.0957 | 42.9433 |
| 2009 | 6     | 16  | 5    | 56     | 40     | 0.3       | 2.3     | 0.49  | 97.7      | 126.0957 | 47.2313 |
| 2009 | 6     | 16  | 6    | 6      | 40     | 0.3       | 2.3     | 0.45  | 101       | 126.0957 | 43.2291 |
| 2009 | 6     | 16  | 6    | 16     | 40     | 0.3       | 2.3     | 0.37  | 99.1      | 126.0957 | 36.9401 |
| 2009 | 6     | 16  | 6    | 26     | 40     | 0.3       | 2.3     | 0.49  | 102       | 126.0957 | 46.6595 |
| 2009 | 6     | 16  | 6    | 36     | 40     | 0.3       | 2.3     | 0.43  | 103.6     | 126.0957 | 41.5139 |
| 2009 | 6     | 16  | 6    | 46     | 40     | 0.3       | 2.3     | 0.46  | 100.7     | 126.0957 | 44.3726 |
| 2009 | 6     | 16  | 6    | 56     | 40     | 0.3       | 2.3     | 0.51  | 98.9      | 126.0957 | 48.6606 |
| 2009 | 6     | 16  | 7    | 6      | 40     | 0.3       | 2.3     | 0.46  | 100.3     | 126.0957 | 44.0867 |
| 2009 | 6     | 16  | 7    | 16     | 40     | 0.3       | 2.3     | 0.48  | 99.1      | 126.0957 | 46.0878 |
| 2009 | 6     | 16  | 7    | 26     | 40     | 0.3       | 2.3     | 0.44  | 102.1     | 126.0957 | 42.3715 |
| 2009 | 6     | 16  | 7    | 36     | 40     | 0.3       | 2.3     | 0.43  | 106.4     | 126.0957 | 40.9422 |
| 2009 | 6     | 16  | 7    | 46     | 40     | 0.3       | 2.3     | 0.42  | 100.3     | 126.0957 | 40.9422 |
| 2009 | 6     | 16  | 7    | 56     | 40     | 0.3       | 2.3     | 0.43  | 94.4      | 126.0957 | 42.3715 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 16  | 8    | 6      | 40     | 0.3       | 2.3     | 0.48  | 99.4      | 126.0957 | 46.3737 |
| 2009 | 6     | 16  | 8    | 16     | 40     | 0.3       | 2.3     | 0.49  | 98.5      | 126.2855 | 47.0161 |
| 2009 | 6     | 16  | 8    | 26     | 40     | 0.3       | 2.3     | 0.53  | 98.9      | 126.2855 | 50.4517 |
| 2009 | 6     | 16  | 8    | 36     | 40     | 0.3       | 2.3     | 0.44  | 104.5     | 126.2855 | 42.4353 |
| 2009 | 6     | 16  | 8    | 46     | 40     | 0.3       | 2.3     | 0.42  | 94.9      | 126.0957 | 41.7998 |
| 2009 | 6     | 16  | 8    | 56     | 40     | 0.3       | 2.3     | 0.44  | 102.9     | 126.2855 | 42.4353 |
| 2009 | 6     | 16  | 9    | 6      | 40     | 0.3       | 2.3     | 0.45  | 103.8     | 126.2855 | 43.2942 |
| 2009 | 6     | 16  | 9    | 16     | 40     | 0.3       | 2.3     | 0.46  | 96.6      | 126.2855 | 44.7257 |
| 2009 | 6     | 16  | 9    | 26     | 40     | 0.3       | 2.3     | 0.46  | 99.1      | 126.2855 | 44.1531 |
| 2009 | 6     | 16  | 9    | 36     | 40     | 0.3       | 2.3     | 0.47  | 98.8      | 126.2855 | 45.5846 |
| 2009 | 6     | 16  | 9    | 46     | 40     | 0.3       | 2.3     | 0.42  | 104       | 126.2855 | 40.4313 |
| 2009 | 6     | 16  | 9    | 56     | 40     | 0.3       | 2.3     | 0.47  | 95.9      | 126.2855 | 46.1572 |
| 2009 | 6     | 16  | 10   | 6      | 40     | 0.3       | 2.3     | 0.46  | 99.9      | 126.2855 | 44.1531 |
| 2009 | 6     | 16  | 10   | 16     | 40     | 0.3       | 2.3     | 0.47  | 102.2     | 126.2855 | 44.7257 |
| 2009 | 6     | 16  | 10   | 26     | 40     | 0.3       | 2.3     | 0.44  | 98.6      | 126.2855 | 42.7216 |
| 2009 | 6     | 16  | 10   | 36     | 40     | 0.3       | 2.3     | 0.39  | 99.6      | 126.2855 | 38.7135 |
| 2009 | 6     | 16  | 10   | 46     | 40     | 0.3       | 2.3     | 0.45  | 96.7      | 126.2855 | 44.1531 |
| 2009 | 6     | 16  | 10   | 56     | 40     | 0.3       | 2.3     | 0.48  | 97        | 126.2855 | 46.7298 |
| 2009 | 6     | 16  | 11   | 6      | 40     | 0.3       | 2.3     | 0.46  | 94.1      | 126.2855 | 44.7257 |
| 2009 | 6     | 16  | 11   | 16     | 40     | 0.3       | 2.3     | 0.45  | 98.3      | 126.2855 | 44.1531 |
| 2009 | 6     | 16  | 11   | 26     | 40     | 0.3       | 2.3     | 0.44  | 104.1     | 126.4754 | 42.4991 |
| 2009 | 6     | 16  | 11   | 36     | 40     | 0.3       | 2.3     | 0.5   | 97.5      | 126.4754 | 48.5204 |
| 2009 | 6     | 16  | 11   | 46     | 40     | 0.3       | 2.3     | 0.46  | 101.9     | 126.4754 | 44.5062 |
| 2009 | 6     | 16  | 11   | 56     | 40     | 0.3       | 2.3     | 0.47  | 97.6      | 126.4754 | 45.6531 |
| 2009 | 6     | 16  | 12   | 6      | 40     | 0.3       | 2.3     | 0.49  | 97.3      | 126.4754 | 47.3735 |
| 2009 | 6     | 16  | 12   | 16     | 40     | 0.3       | 2.3     | 0.48  | 97.9      | 126.4754 | 46.2266 |
| 2009 | 6     | 16  | 12   | 26     | 40     | 0.3       | 2.3     | 0.43  | 103.1     | 126.4754 | 41.9257 |
| 2009 | 6     | 16  | 12   | 36     | 40     | 0.3       | 2.3     | 0.48  | 102.7     | 126.4754 | 45.6531 |
| 2009 | 6     | 16  | 12   | 46     | 40     | 0.3       | 2.3     | 0.47  | 96.8      | 126.4754 | 45.9399 |
| 2009 | 6     | 16  | 12   | 56     | 40     | 0.3       | 2.3     | 0.47  | 101.4     | 126.4754 | 44.793  |
| 2009 | 6     | 16  | 13   | 6      | 40     | 0.3       | 2.3     | 0.44  | 98.6      | 126.4754 | 43.0726 |
| 2009 | 6     | 16  | 13   | 16     | 40     | 0.3       | 2.3     | 0.48  | 98.3      | 126.6655 | 46.2961 |
| 2009 | 6     | 16  | 13   | 26     | 40     | 0.3       | 2.3     | 0.45  | 97.5      | 126.4754 | 43.9328 |
| 2009 | 6     | 16  | 13   | 36     | 40     | 0.3       | 2.3     | 0.49  | 96.1      | 126.6655 | 48.019  |
| 2009 | 6     | 16  | 13   | 46     | 40     | 0.3       | 2.3     | 0.44  | 93        | 126.6655 | 43.1373 |
| 2009 | 6     | 16  | 13   | 56     | 40     | 0.3       | 2.3     | 0.48  | 99.8      | 126.6655 | 46.5832 |
| 2009 | 6     | 16  | 14   | 6      | 40     | 0.3       | 2.3     | 0.45  | 97.5      | 126.4754 | 43.9328 |
| 2009 | 6     | 16  | 14   | 16     | 40     | 0.3       | 2.3     | 0.43  | 99.3      | 126.4754 | 41.639  |
| 2009 | 6     | 16  | 14   | 26     | 40     | 0.3       | 2.3     | 0.47  | 104.6     | 126.6655 | 44.5731 |
| 2009 | 6     | 16  | 14   | 36     | 40     | 0.3       | 2.3     | 0.46  | 101.6     | 126.6655 | 43.9988 |
| 2009 | 6     | 16  | 14   | 46     | 40     | 0.3       | 2.3     | 0.48  | 98.7      | 126.6655 | 46.2961 |
| 2009 | 6     | 16  | 14   | 56     | 40     | 0.3       | 2.3     | 0.49  | 95.8      | 126.6655 | 47.4447 |
| 2009 | 6     | 16  | 15   | 6      | 40     | 0.3       | 2.3     | 0.48  | 95.9      | 126.6655 | 46.8704 |
| 2009 | 6     | 16  | 15   | 16     | 40     | 0.3       | 2.3     | 0.52  | 98.3      | 126.6655 | 50.3163 |
| 2009 | 6     | 16  | 15   | 26     | 40     | 0.3       | 2.3     | 0.48  | 103.8     | 126.4754 | 45.9399 |
| 2009 | 6     | 16  | 15   | 36     | 40     | 0.3       | 2.3     | 0.47  | 101.3     | 126.6655 | 45.1474 |
| 2009 | 6     | 16  | 15   | 46     | 40     | 0.3       | 2.3     | 0.51  | 96.6      | 126.6655 | 49.4548 |
| 2009 | 6     | 16  | 15   | 56     | 40     | 0.3       | 2.3     | 0.47  | 98.8      | 126.6655 | 45.7217 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 16  | 16   | 6      | 40     | 0.3       | 2.3     | 0.49  | 101.3     | 126.6655 | 46.5832 |
| 2009 | 6     | 16  | 16   | 16     | 40     | 0.3       | 2.3     | 0.48  | 100.6     | 126.6655 | 46.2961 |
| 2009 | 6     | 16  | 16   | 26     | 40     | 0.3       | 2.3     | 0.48  | 97.4      | 126.6655 | 46.8704 |
| 2009 | 6     | 16  | 16   | 36     | 40     | 0.3       | 2.3     | 0.46  | 107.8     | 126.6655 | 43.4245 |
| 2009 | 6     | 16  | 16   | 46     | 40     | 0.3       | 2.3     | 0.47  | 96        | 126.6655 | 46.0089 |
| 2009 | 6     | 16  | 16   | 56     | 40     | 0.3       | 2.3     | 0.46  | 100.6     | 126.6655 | 44.8603 |
| 2009 | 6     | 16  | 17   | 6      | 40     | 0.3       | 2.3     | 0.45  | 97.5      | 126.6655 | 43.9988 |
| 2009 | 6     | 16  | 17   | 16     | 40     | 0.3       | 2.3     | 0.43  | 99.2      | 126.6655 | 42.2758 |
| 2009 | 6     | 16  | 17   | 26     | 40     | 0.3       | 2.3     | 0.44  | 97.2      | 126.6655 | 43.4245 |
| 2009 | 6     | 16  | 17   | 36     | 40     | 0.3       | 2.3     | 0.51  | 101.9     | 126.6655 | 48.5933 |
| 2009 | 6     | 16  | 17   | 46     | 40     | 0.3       | 2.3     | 0.5   | 101       | 126.6655 | 47.7318 |
| 2009 | 6     | 16  | 17   | 56     | 40     | 0.3       | 2.3     | 0.47  | 100.8     | 126.6655 | 45.4346 |
| 2009 | 6     | 16  | 18   | 6      | 40     | 0.3       | 2.3     | 0.47  | 100.8     | 126.6655 | 45.4346 |
| 2009 | 6     | 16  | 18   | 16     | 40     | 0.3       | 2.3     | 0.44  | 101.1     | 126.6655 | 42.8502 |
| 2009 | 6     | 16  | 18   | 26     | 40     | 0.3       | 2.3     | 0.51  | 97        | 126.6655 | 49.1676 |
| 2009 | 6     | 16  | 18   | 36     | 40     | 0.3       | 2.3     | 0.45  | 98.7      | 126.6655 | 44.2859 |
| 2009 | 6     | 16  | 18   | 46     | 40     | 0.3       | 2.3     | 0.5   | 93.4      | 126.6655 | 48.5933 |
| 2009 | 6     | 16  | 18   | 56     | 40     | 0.3       | 2.3     | 0.43  | 96.2      | 126.6655 | 41.9887 |
| 2009 | 6     | 16  | 19   | 6      | 40     | 0.3       | 2.3     | 0.44  | 102.1     | 126.6655 | 42.563  |
| 2009 | 6     | 16  | 19   | 16     | 40     | 0.3       | 2.3     | 0.44  | 97.7      | 126.6655 | 43.1373 |
| 2009 | 6     | 16  | 19   | 26     | 40     | 0.3       | 2.3     | 0.47  | 97.3      | 126.6655 | 45.4346 |
| 2009 | 6     | 16  | 19   | 36     | 40     | 0.3       | 2.3     | 0.48  | 98.2      | 126.6655 | 46.5832 |
| 2009 | 6     | 16  | 19   | 46     | 40     | 0.3       | 2.3     | 0.45  | 97.5      | 126.6655 | 43.9988 |
| 2009 | 6     | 16  | 19   | 56     | 40     | 0.3       | 2.3     | 0.47  | 97.2      | 126.4754 | 45.9399 |
| 2009 | 6     | 16  | 20   | 6      | 40     | 0.3       | 2.3     | 0.47  | 99.7      | 126.6655 | 45.1474 |
| 2009 | 6     | 16  | 20   | 16     | 40     | 0.3       | 2.3     | 0.49  | 98.8      | 126.4754 | 47.3735 |
| 2009 | 6     | 16  | 20   | 26     | 40     | 0.3       | 2.3     | 0.5   | 97.6      | 126.4754 | 47.947  |
| 2009 | 6     | 16  | 20   | 36     | 40     | 0.3       | 2.3     | 0.43  | 102.3     | 126.6655 | 41.7015 |
| 2009 | 6     | 16  | 20   | 46     | 40     | 0.3       | 2.3     | 0.48  | 97.9      | 126.6655 | 46.5832 |
| 2009 | 6     | 16  | 20   | 56     | 40     | 0.3       | 2.3     | 0.47  | 98        | 126.6655 | 46.0089 |
| 2009 | 6     | 16  | 21   | 6      | 40     | 0.3       | 2.3     | 0.48  | 94.7      | 126.6655 | 47.1575 |
| 2009 | 6     | 16  | 21   | 16     | 40     | 0.3       | 2.3     | 0.5   | 95.6      | 126.6655 | 48.5933 |
| 2009 | 6     | 16  | 21   | 26     | 40     | 0.3       | 2.3     | 0.46  | 98.2      | 126.6655 | 44.5731 |
| 2009 | 6     | 16  | 21   | 36     | 40     | 0.3       | 2.3     | 0.47  | 94.4      | 126.6655 | 46.0089 |
| 2009 | 6     | 16  | 21   | 46     | 40     | 0.3       | 2.3     | 0.47  | 100.1     | 126.6655 | 45.4346 |
| 2009 | 6     | 16  | 21   | 56     | 40     | 0.3       | 2.3     | 0.42  | 99.5      | 126.6655 | 40.84   |
| 2009 | 6     | 16  | 22   | 6      | 40     | 0.3       | 2.3     | 0.43  | 97.5      | 126.6655 | 42.2758 |
| 2009 | 6     | 16  | 22   | 16     | 40     | 0.3       | 2.3     | 0.51  | 101.5     | 126.6655 | 48.5933 |
| 2009 | 6     | 16  | 22   | 26     | 40     | 0.3       | 2.3     | 0.51  | 98.8      | 126.6655 | 49.4548 |
| 2009 | 6     | 16  | 22   | 36     | 40     | 0.3       | 2.3     | 0.52  | 105.6     | 126.6655 | 49.1676 |
| 2009 | 6     | 16  | 22   | 46     | 40     | 0.3       | 2.3     | 0.46  | 94.5      | 126.6655 | 45.4346 |
| 2009 | 6     | 16  | 22   | 56     | 40     | 0.3       | 2.3     | 0.47  | 95.6      | 126.6655 | 46.2961 |
| 2009 | 6     | 16  | 23   | 6      | 40     | 0.3       | 2.3     | 0.46  | 97.8      | 126.6655 | 44.5731 |
| 2009 | 6     | 16  | 23   | 16     | 40     | 0.3       | 2.3     | 0.45  | 101.5     | 126.6655 | 43.1373 |
| 2009 | 6     | 16  | 23   | 26     | 40     | 0.3       | 2.3     | 0.45  | 99.6      | 126.6655 | 43.9988 |
| 2009 | 6     | 16  | 23   | 36     | 40     | 0.3       | 2.3     | 0.47  | 93.6      | 126.6655 | 45.7217 |
| 2009 | 6     | 16  | 23   | 46     | 40     | 0.3       | 2.3     | 0.5   | 98        | 126.6655 | 48.019  |
| 2009 | 6     | 16  | 23   | 56     | 40     | 0.3       | 2.3     | 0.47  | 96.5      | 126.6655 | 45.4346 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 17  | 0    | 6      | 40     | 0.3       | 2.3     | 0.47  | 95.9      | 126.6655 | 46.2961 |
| 2009 | 6     | 17  | 0    | 16     | 40     | 0.3       | 2.3     | 0.46  | 99.5      | 126.6655 | 44.5731 |
| 2009 | 6     | 17  | 0    | 26     | 40     | 0.3       | 2.3     | 0.45  | 101.9     | 126.6655 | 43.1373 |
| 2009 | 6     | 17  | 0    | 36     | 40     | 0.3       | 2.3     | 0.43  | 101.9     | 126.6655 | 41.7015 |
| 2009 | 6     | 17  | 0    | 46     | 40     | 0.3       | 2.3     | 0.45  | 102.3     | 126.6655 | 43.1373 |
| 2009 | 6     | 17  | 0    | 56     | 40     | 0.3       | 2.3     | 0.47  | 103.8     | 126.6655 | 44.5731 |
| 2009 | 6     | 17  | 1    | 6      | 40     | 0.3       | 2.3     | 0.45  | 100.9     | 126.6655 | 43.7116 |
| 2009 | 6     | 17  | 1    | 16     | 40     | 0.3       | 2.3     | 0.45  | 98.4      | 126.6655 | 43.9988 |
| 2009 | 6     | 17  | 1    | 26     | 40     | 0.3       | 2.3     | 0.49  | 100.3     | 126.6655 | 47.4447 |
| 2009 | 6     | 17  | 1    | 36     | 40     | 0.3       | 2.3     | 0.47  | 101.7     | 126.6655 | 45.1474 |
| 2009 | 6     | 17  | 1    | 46     | 40     | 0.3       | 2.3     | 0.49  | 97.7      | 126.6655 | 47.4447 |
| 2009 | 6     | 17  | 1    | 56     | 40     | 0.3       | 2.3     | 0.5   | 95.2      | 126.6655 | 48.8805 |
| 2009 | 6     | 17  | 2    | 6      | 40     | 0.3       | 2.3     | 0.4   | 101.3     | 126.6655 | 39.4043 |
| 2009 | 6     | 17  | 2    | 16     | 40     | 0.3       | 2.3     | 0.5   | 99.4      | 126.6655 | 48.3062 |
| 2009 | 6     | 17  | 2    | 26     | 40     | 0.3       | 2.3     | 0.52  | 97.6      | 126.6655 | 50.3163 |
| 2009 | 6     | 17  | 2    | 36     | 40     | 0.3       | 2.3     | 0.45  | 98.4      | 126.8555 | 43.7772 |
| 2009 | 6     | 17  | 2    | 46     | 40     | 0.3       | 2.3     | 0.4   | 100.4     | 126.6655 | 39.4043 |
| 2009 | 6     | 17  | 2    | 56     | 40     | 0.3       | 2.3     | 0.51  | 100       | 126.6655 | 48.8805 |
| 2009 | 6     | 17  | 3    | 6      | 40     | 0.3       | 2.3     | 0.5   | 94.2      | 126.6655 | 48.3062 |
| 2009 | 6     | 17  | 3    | 16     | 40     | 0.3       | 2.3     | 0.45  | 98.3      | 126.6655 | 44.2859 |
| 2009 | 6     | 17  | 3    | 26     | 40     | 0.3       | 2.3     | 0.5   | 98.7      | 126.6655 | 48.3062 |
| 2009 | 6     | 17  | 3    | 36     | 40     | 0.3       | 2.3     | 0.49  | 96.9      | 126.6655 | 47.7318 |
| 2009 | 6     | 17  | 3    | 46     | 40     | 0.3       | 2.3     | 0.46  | 99.1      | 126.6655 | 44.5731 |
| 2009 | 6     | 17  | 3    | 56     | 40     | 0.3       | 2.3     | 0.4   | 102.7     | 126.6655 | 39.4043 |
| 2009 | 6     | 17  | 4    | 6      | 40     | 0.3       | 2.3     | 0.45  | 98.8      | 126.6655 | 43.9988 |
| 2009 | 6     | 17  | 4    | 16     | 40     | 0.3       | 2.3     | 0.44  | 98.5      | 126.6655 | 43.4245 |
| 2009 | 6     | 17  | 4    | 26     | 40     | 0.3       | 2.3     | 0.45  | 94.6      | 126.6655 | 44.2859 |
| 2009 | 6     | 17  | 4    | 36     | 40     | 0.3       | 2.3     | 0.44  | 105       | 126.6655 | 42.563  |
| 2009 | 6     | 17  | 4    | 46     | 40     | 0.3       | 2.3     | 0.43  | 94.4      | 126.6655 | 42.2758 |
| 2009 | 6     | 17  | 4    | 56     | 40     | 0.3       | 2.3     | 0.44  | 103.8     | 126.6655 | 42.2758 |
| 2009 | 6     | 17  | 5    | 6      | 40     | 0.3       | 2.3     | 0.43  | 99.8      | 126.6655 | 41.7015 |
| 2009 | 6     | 17  | 5    | 16     | 40     | 0.3       | 2.3     | 0.45  | 96.7      | 126.6655 | 44.2859 |
| 2009 | 6     | 17  | 5    | 26     | 40     | 0.3       | 2.3     | 0.5   | 95.7      | 126.6655 | 48.3062 |
| 2009 | 6     | 17  | 5    | 36     | 40     | 0.3       | 2.3     | 0.46  | 101.1     | 126.6655 | 44.5731 |
| 2009 | 6     | 17  | 5    | 46     | 40     | 0.3       | 2.3     | 0.48  | 103.8     | 126.6655 | 46.0089 |
| 2009 | 6     | 17  | 5    | 56     | 40     | 0.3       | 2.3     | 0.45  | 100       | 126.6655 | 43.9988 |
| 2009 | 6     | 17  | 6    | 6      | 40     | 0.3       | 2.3     | 0.44  | 99.9      | 126.6655 | 42.8502 |
| 2009 | 6     | 17  | 6    | 16     | 40     | 0.3       | 2.3     | 0.49  | 95.4      | 126.6655 | 47.4447 |
| 2009 | 6     | 17  | 6    | 26     | 40     | 0.3       | 2.3     | 0.48  | 97.5      | 126.6655 | 46.5832 |
| 2009 | 6     | 17  | 6    | 36     | 40     | 0.3       | 2.3     | 0.49  | 94.6      | 126.6655 | 47.4447 |
| 2009 | 6     | 17  | 6    | 46     | 40     | 0.3       | 2.3     | 0.48  | 96.3      | 126.6655 | 46.8704 |
| 2009 | 6     | 17  | 6    | 56     | 40     | 0.3       | 2.3     | 0.51  | 97.1      | 126.6655 | 48.8805 |
| 2009 | 6     | 17  | 7    | 6      | 40     | 0.3       | 2.3     | 0.49  | 100.3     | 126.6655 | 47.4447 |
| 2009 | 6     | 17  | 7    | 16     | 40     | 0.3       | 2.3     | 0.48  | 97        | 126.6655 | 46.8704 |
| 2009 | 6     | 17  | 7    | 26     | 40     | 0.3       | 2.3     | 0.46  | 98.1      | 126.6655 | 45.1474 |
| 2009 | 6     | 17  | 7    | 36     | 40     | 0.3       | 2.3     | 0.44  | 94.3      | 126.6655 | 43.1373 |
| 2009 | 6     | 17  | 7    | 46     | 40     | 0.3       | 2.3     | 0.48  | 102.2     | 126.6655 | 46.0089 |
| 2009 | 6     | 17  | 7    | 56     | 40     | 0.3       | 2.3     | 0.45  | 101.8     | 126.6655 | 43.4245 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 17  | 8    | 6      | 40     | 0.3       | 2.3     | 0.44  | 103.2     | 126.6655 | 42.8502 |
| 2009 | 6     | 17  | 8    | 16     | 40     | 0.3       | 2.3     | 0.48  | 97.4      | 126.6655 | 46.8704 |
| 2009 | 6     | 17  | 8    | 26     | 40     | 0.3       | 2.3     | 0.44  | 101.1     | 126.6655 | 42.8502 |
| 2009 | 6     | 17  | 8    | 36     | 40     | 0.3       | 2.3     | 0.43  | 100.1     | 126.6655 | 41.9887 |
| 2009 | 6     | 17  | 8    | 46     | 40     | 0.3       | 2.3     | 0.46  | 98.2      | 126.6655 | 44.8603 |
| 2009 | 6     | 17  | 8    | 56     | 40     | 0.3       | 2.3     | 0.42  | 100.8     | 126.6655 | 41.1272 |
| 2009 | 6     | 17  | 9    | 6      | 40     | 0.3       | 2.3     | 0.45  | 102.9     | 126.6655 | 43.7116 |
| 2009 | 6     | 17  | 9    | 16     | 40     | 0.3       | 2.3     | 0.44  | 99        | 126.6655 | 42.8502 |
| 2009 | 6     | 17  | 9    | 26     | 40     | 0.3       | 2.3     | 0.47  | 97.2      | 126.6655 | 45.7217 |
| 2009 | 6     | 17  | 9    | 36     | 40     | 0.3       | 2.3     | 0.45  | 95.8      | 126.6655 | 44.2859 |
| 2009 | 6     | 17  | 9    | 46     | 40     | 0.3       | 2.3     | 0.45  | 96.7      | 126.6655 | 43.9988 |
| 2009 | 6     | 17  | 9    | 56     | 40     | 0.3       | 2.3     | 0.45  | 101.3     | 126.6655 | 43.7116 |
| 2009 | 6     | 17  | 10   | 6      | 40     | 0.3       | 2.3     | 0.4   | 94.7      | 126.6655 | 39.6914 |
| 2009 | 6     | 17  | 10   | 16     | 40     | 0.3       | 2.3     | 0.47  | 98.1      | 126.6655 | 45.4346 |
| 2009 | 6     | 17  | 10   | 26     | 40     | 0.3       | 2.3     | 0.49  | 103.2     | 126.6655 | 46.5832 |
| 2009 | 6     | 17  | 10   | 36     | 40     | 0.3       | 2.3     | 0.48  | 100.7     | 126.6655 | 46.0089 |
| 2009 | 6     | 17  | 10   | 46     | 40     | 0.3       | 2.3     | 0.48  | 99.1      | 126.6655 | 46.2961 |
| 2009 | 6     | 17  | 10   | 56     | 40     | 0.3       | 2.3     | 0.47  | 91.2      | 126.6655 | 46.2961 |
| 2009 | 6     | 17  | 11   | 6      | 40     | 0.3       | 2.3     | 0.53  | 98.8      | 126.6655 | 51.1777 |
| 2009 | 6     | 17  | 11   | 16     | 40     | 0.3       | 2.3     | 0.46  | 98.2      | 126.6655 | 44.8603 |
| 2009 | 6     | 17  | 11   | 26     | 40     | 0.3       | 2.3     | 0.46  | 101.1     | 126.6655 | 44.2859 |
| 2009 | 6     | 17  | 11   | 36     | 40     | 0.3       | 2.3     | 0.49  | 98.5      | 126.6655 | 47.4447 |
| 2009 | 6     | 17  | 11   | 46     | 40     | 0.3       | 2.3     | 0.46  | 99.9      | 126.6655 | 44.2859 |
| 2009 | 6     | 17  | 11   | 56     | 40     | 0.3       | 2.3     | 0.45  | 102.7     | 126.6655 | 43.1373 |
| 2009 | 6     | 17  | 12   | 6      | 40     | 0.3       | 2.3     | 0.5   | 101.5     | 126.6655 | 47.4447 |
| 2009 | 6     | 17  | 12   | 16     | 40     | 0.3       | 2.3     | 0.44  | 98.6      | 126.8555 | 43.2021 |
| 2009 | 6     | 17  | 12   | 26     | 40     | 0.3       | 2.3     | 0.45  | 99.3      | 126.8555 | 43.4896 |
| 2009 | 6     | 17  | 12   | 36     | 40     | 0.3       | 2.3     | 0.42  | 98        | 126.6655 | 41.7015 |
| 2009 | 6     | 17  | 12   | 46     | 40     | 0.3       | 2.3     | 0.49  | 104.8     | 126.8555 | 46.3655 |
| 2009 | 6     | 17  | 12   | 56     | 40     | 0.3       | 2.3     | 0.46  | 96.2      | 126.8555 | 44.9276 |
| 2009 | 6     | 17  | 13   | 6      | 40     | 0.3       | 2.3     | 0.53  | 97.5      | 126.6655 | 50.8906 |
| 2009 | 6     | 17  | 13   | 16     | 40     | 0.3       | 2.3     | 0.46  | 94.9      | 126.8555 | 45.2152 |
| 2009 | 6     | 17  | 13   | 26     | 40     | 0.3       | 2.3     | 0.46  | 99.8      | 126.6655 | 44.8603 |
| 2009 | 6     | 17  | 13   | 36     | 40     | 0.3       | 2.3     | 0.49  | 94.6      | 126.6655 | 47.7318 |
| 2009 | 6     | 17  | 13   | 46     | 40     | 0.3       | 2.3     | 0.5   | 100.2     | 126.8555 | 48.0911 |
| 2009 | 6     | 17  | 13   | 56     | 40     | 0.3       | 2.3     | 0.48  | 98.2      | 126.8555 | 46.6531 |
| 2009 | 6     | 17  | 14   | 6      | 40     | 0.3       | 2.3     | 0.48  | 104.6     | 126.8555 | 45.7904 |
| 2009 | 6     | 17  | 14   | 16     | 40     | 0.3       | 2.3     | 0.47  | 101.8     | 126.6655 | 44.8603 |
| 2009 | 6     | 17  | 14   | 26     | 40     | 0.3       | 2.3     | 0.47  | 97.2      | 126.6655 | 46.0089 |
| 2009 | 6     | 17  | 14   | 36     | 40     | 0.3       | 2.3     | 0.44  | 98.1      | 126.6655 | 43.4245 |
| 2009 | 6     | 17  | 14   | 46     | 40     | 0.3       | 2.3     | 0.47  | 100.4     | 126.8555 | 45.7904 |
| 2009 | 6     | 17  | 14   | 56     | 40     | 0.3       | 2.3     | 0.45  | 99.7      | 126.6655 | 43.7116 |
| 2009 | 6     | 17  | 15   | 6      | 40     | 0.3       | 2.3     | 0.48  | 98.2      | 126.6655 | 46.8704 |
| 2009 | 6     | 17  | 15   | 16     | 40     | 0.3       | 2.3     | 0.48  | 100.2     | 126.6655 | 46.2961 |
| 2009 | 6     | 17  | 15   | 26     | 40     | 0.3       | 2.3     | 0.47  | 96.5      | 126.6655 | 45.4346 |
| 2009 | 6     | 17  | 15   | 36     | 40     | 0.3       | 2.3     | 0.47  | 101.3     | 126.6655 | 45.1474 |
| 2009 | 6     | 17  | 15   | 46     | 40     | 0.3       | 2.3     | 0.46  | 100.6     | 126.6655 | 44.8603 |
| 2009 | 6     | 17  | 15   | 56     | 40     | 0.3       | 2.3     | 0.49  | 95.7      | 126.6655 | 48.019  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 17  | 16   | 6      | 40     | 0.3       | 2.3     | 0.47  | 101.6     | 126.6655 | 45.4346 |
| 2009 | 6     | 17  | 16   | 16     | 40     | 0.3       | 2.3     | 0.47  | 102.5     | 126.4754 | 45.0797 |
| 2009 | 6     | 17  | 16   | 26     | 40     | 0.3       | 2.3     | 0.42  | 97.6      | 126.6655 | 41.4144 |
| 2009 | 6     | 17  | 16   | 36     | 40     | 0.3       | 2.3     | 0.51  | 99.7      | 126.6655 | 48.5933 |
| 2009 | 6     | 17  | 16   | 46     | 40     | 0.3       | 2.3     | 0.45  | 102.2     | 126.6655 | 43.4245 |
| 2009 | 6     | 17  | 16   | 56     | 40     | 0.3       | 2.3     | 0.49  | 95.8      | 126.6655 | 47.4447 |
| 2009 | 6     | 17  | 17   | 6      | 40     | 0.3       | 2.3     | 0.5   | 97.6      | 126.6655 | 48.019  |
| 2009 | 6     | 17  | 17   | 16     | 40     | 0.3       | 2.3     | 0.44  | 93.4      | 126.6655 | 43.1373 |
| 2009 | 6     | 17  | 17   | 26     | 40     | 0.3       | 2.3     | 0.5   | 100.5     | 126.6655 | 48.3062 |
| 2009 | 6     | 17  | 17   | 36     | 40     | 0.3       | 2.3     | 0.46  | 99.9      | 126.6655 | 44.2859 |
| 2009 | 6     | 17  | 17   | 46     | 40     | 0.3       | 2.3     | 0.51  | 97.4      | 126.6655 | 49.4548 |
| 2009 | 6     | 17  | 17   | 56     | 40     | 0.3       | 2.3     | 0.48  | 98.2      | 126.6655 | 46.5832 |
| 2009 | 6     | 17  | 18   | 6      | 40     | 0.3       | 2.3     | 0.42  | 97.6      | 126.6655 | 41.4144 |
| 2009 | 6     | 17  | 18   | 16     | 40     | 0.3       | 2.3     | 0.47  | 99.3      | 126.6655 | 45.4346 |
| 2009 | 6     | 17  | 18   | 26     | 40     | 0.3       | 2.3     | 0.46  | 97        | 126.6655 | 44.8603 |
| 2009 | 6     | 17  | 18   | 36     | 40     | 0.3       | 2.3     | 0.45  | 99.3      | 126.6655 | 43.7116 |
| 2009 | 6     | 17  | 18   | 46     | 40     | 0.3       | 2.3     | 0.44  | 98.9      | 126.6655 | 43.4245 |
| 2009 | 6     | 17  | 18   | 56     | 40     | 0.3       | 2.3     | 0.48  | 97.1      | 126.6655 | 46.5832 |
| 2009 | 6     | 17  | 19   | 6      | 40     | 0.3       | 2.3     | 0.43  | 95.8      | 126.6655 | 41.9887 |
| 2009 | 6     | 17  | 19   | 16     | 40     | 0.3       | 2.3     | 0.51  | 102       | 126.6655 | 48.3062 |
| 2009 | 6     | 17  | 19   | 26     | 40     | 0.3       | 2.3     | 0.49  | 97.4      | 126.6655 | 47.1575 |
| 2009 | 6     | 17  | 19   | 36     | 40     | 0.3       | 2.3     | 0.48  | 100.2     | 126.4754 | 46.2266 |
| 2009 | 6     | 17  | 19   | 46     | 40     | 0.3       | 2.3     | 0.48  | 101.4     | 126.6655 | 46.2961 |
| 2009 | 6     | 17  | 19   | 56     | 40     | 0.3       | 2.3     | 0.54  | 101.2     | 126.6655 | 51.1777 |
| 2009 | 6     | 17  | 20   | 6      | 40     | 0.3       | 2.3     | 0.44  | 103.7     | 126.6655 | 42.563  |
| 2009 | 6     | 17  | 20   | 16     | 40     | 0.3       | 2.3     | 0.46  | 98.5      | 126.6655 | 45.1474 |
| 2009 | 6     | 17  | 20   | 26     | 40     | 0.3       | 2.3     | 0.45  | 100.2     | 126.6655 | 43.4245 |
| 2009 | 6     | 17  | 20   | 36     | 40     | 0.3       | 2.3     | 0.5   | 97.5      | 126.6655 | 48.3062 |
| 2009 | 6     | 17  | 20   | 46     | 40     | 0.3       | 2.3     | 0.47  | 93.2      | 126.6655 | 46.0089 |
| 2009 | 6     | 17  | 20   | 56     | 40     | 0.3       | 2.3     | 0.44  | 95.1      | 126.6655 | 43.4245 |
| 2009 | 6     | 17  | 21   | 6      | 40     | 0.3       | 2.3     | 0.46  | 101.6     | 126.6655 | 43.9988 |
| 2009 | 6     | 17  | 21   | 16     | 40     | 0.3       | 2.3     | 0.42  | 103.9     | 126.6655 | 40.84   |
| 2009 | 6     | 17  | 21   | 26     | 40     | 0.3       | 2.3     | 0.44  | 96.8      | 126.6655 | 43.4245 |
| 2009 | 6     | 17  | 21   | 36     | 40     | 0.3       | 2.3     | 0.46  | 101       | 126.6655 | 44.8603 |
| 2009 | 6     | 17  | 21   | 46     | 40     | 0.3       | 2.3     | 0.39  | 96.7      | 126.6655 | 39.1171 |
| 2009 | 6     | 17  | 21   | 56     | 40     | 0.3       | 2.3     | 0.45  | 103.9     | 126.6655 | 43.1373 |
| 2009 | 6     | 17  | 22   | 6      | 40     | 0.3       | 2.3     | 0.48  | 95.1      | 126.6655 | 46.8704 |
| 2009 | 6     | 17  | 22   | 16     | 40     | 0.3       | 2.3     | 0.47  | 101.8     | 126.6655 | 44.8603 |
| 2009 | 6     | 17  | 22   | 26     | 40     | 0.3       | 2.3     | 0.41  | 98.8      | 126.6655 | 40.2657 |
| 2009 | 6     | 17  | 22   | 36     | 40     | 0.3       | 2.3     | 0.46  | 96.9      | 126.6655 | 45.1474 |
| 2009 | 6     | 17  | 22   | 46     | 40     | 0.3       | 2.3     | 0.45  | 96.3      | 126.6655 | 43.7116 |
| 2009 | 6     | 17  | 22   | 56     | 40     | 0.3       | 2.3     | 0.43  | 103.1     | 126.6655 | 41.9887 |
| 2009 | 6     | 17  | 23   | 6      | 40     | 0.3       | 2.3     | 0.49  | 97.3      | 126.6655 | 47.7318 |
| 2009 | 6     | 17  | 23   | 16     | 40     | 0.3       | 2.3     | 0.48  | 96.3      | 126.6655 | 46.2961 |
| 2009 | 6     | 17  | 23   | 26     | 40     | 0.3       | 2.3     | 0.46  | 95.3      | 126.6655 | 44.8603 |
| 2009 | 6     | 17  | 23   | 36     | 40     | 0.3       | 2.3     | 0.47  | 105.3     | 126.6655 | 44.8603 |
| 2009 | 6     | 17  | 23   | 46     | 40     | 0.3       | 2.3     | 0.45  | 98        | 126.6655 | 43.7116 |
| 2009 | 6     | 17  | 23   | 56     | 40     | 0.3       | 2.3     | 0.46  | 94.5      | 126.6655 | 44.8603 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 18  | 0    | 6      | 40     | 0.3       | 2.3     | 0.49  | 100.7     | 126.6655 | 47.4447 |
| 2009 | 6     | 18  | 0    | 16     | 40     | 0.3       | 2.3     | 0.44  | 98.6      | 126.6655 | 43.1373 |
| 2009 | 6     | 18  | 0    | 26     | 40     | 0.3       | 2.3     | 0.48  | 95.5      | 126.6655 | 46.5832 |
| 2009 | 6     | 18  | 0    | 36     | 40     | 0.3       | 2.3     | 0.43  | 102.8     | 126.6655 | 41.7015 |
| 2009 | 6     | 18  | 0    | 46     | 40     | 0.3       | 2.3     | 0.44  | 99        | 126.6655 | 43.1373 |
| 2009 | 6     | 18  | 0    | 56     | 40     | 0.3       | 2.3     | 0.46  | 96.9      | 126.6655 | 45.1474 |
| 2009 | 6     | 18  | 1    | 6      | 40     | 0.3       | 2.3     | 0.45  | 98        | 126.6655 | 43.7116 |
| 2009 | 6     | 18  | 1    | 16     | 40     | 0.3       | 2.3     | 0.46  | 102.4     | 126.6655 | 43.9988 |
| 2009 | 6     | 18  | 1    | 26     | 40     | 0.3       | 2.3     | 0.44  | 101.2     | 126.6655 | 42.563  |
| 2009 | 6     | 18  | 1    | 36     | 40     | 0.3       | 2.3     | 0.5   | 94.9      | 126.6655 | 48.3062 |
| 2009 | 6     | 18  | 1    | 46     | 40     | 0.3       | 2.3     | 0.43  | 100.1     | 126.6655 | 41.9887 |
| 2009 | 6     | 18  | 1    | 56     | 40     | 0.3       | 2.3     | 0.48  | 98.3      | 126.6655 | 46.2961 |
| 2009 | 6     | 18  | 2    | 6      | 40     | 0.3       | 2.3     | 0.47  | 101.7     | 126.6655 | 45.1474 |
| 2009 | 6     | 18  | 2    | 16     | 40     | 0.3       | 2.3     | 0.46  | 101.5     | 126.6655 | 44.5731 |
| 2009 | 6     | 18  | 2    | 26     | 40     | 0.3       | 2.3     | 0.45  | 98.8      | 126.6655 | 43.9988 |
| 2009 | 6     | 18  | 2    | 36     | 40     | 0.3       | 2.3     | 0.47  | 95.6      | 126.6655 | 46.0089 |
| 2009 | 6     | 18  | 2    | 46     | 40     | 0.3       | 2.3     | 0.47  | 102.9     | 126.6655 | 45.1474 |
| 2009 | 6     | 18  | 2    | 56     | 40     | 0.3       | 2.3     | 0.52  | 99.9      | 126.6655 | 49.4548 |
| 2009 | 6     | 18  | 3    | 6      | 40     | 0.3       | 2.3     | 0.49  | 103.2     | 126.6655 | 46.5832 |
| 2009 | 6     | 18  | 3    | 16     | 40     | 0.3       | 2.3     | 0.41  | 97.7      | 126.6655 | 40.84   |
| 2009 | 6     | 18  | 3    | 26     | 40     | 0.3       | 2.3     | 0.46  | 104.1     | 126.6655 | 43.7116 |
| 2009 | 6     | 18  | 3    | 36     | 40     | 0.3       | 2.3     | 0.49  | 100.1     | 126.6655 | 46.8704 |
| 2009 | 6     | 18  | 3    | 46     | 40     | 0.3       | 2.3     | 0.46  | 101.5     | 126.6655 | 44.5731 |
| 2009 | 6     | 18  | 3    | 56     | 40     | 0.3       | 2.3     | 0.44  | 102.1     | 126.6655 | 42.563  |
| 2009 | 6     | 18  | 4    | 6      | 40     | 0.3       | 2.3     | 0.49  | 95.7      | 126.6655 | 47.7318 |
| 2009 | 6     | 18  | 4    | 16     | 40     | 0.3       | 2.3     | 0.46  | 100.6     | 126.6655 | 44.8603 |
| 2009 | 6     | 18  | 4    | 26     | 40     | 0.3       | 2.3     | 0.47  | 97.2      | 126.6655 | 46.0089 |
| 2009 | 6     | 18  | 4    | 36     | 40     | 0.3       | 2.3     | 0.5   | 99.9      | 126.6655 | 47.7318 |
| 2009 | 6     | 18  | 4    | 46     | 40     | 0.3       | 2.3     | 0.44  | 97.3      | 126.6655 | 43.1373 |
| 2009 | 6     | 18  | 4    | 56     | 40     | 0.3       | 2.3     | 0.48  | 104.6     | 126.6655 | 45.7217 |
| 2009 | 6     | 18  | 5    | 6      | 40     | 0.3       | 2.3     | 0.49  | 100       | 126.6655 | 47.4447 |
| 2009 | 6     | 18  | 5    | 16     | 40     | 0.3       | 2.3     | 0.44  | 98.5      | 126.6655 | 43.4245 |
| 2009 | 6     | 18  | 5    | 26     | 40     | 0.3       | 2.3     | 0.48  | 102.6     | 126.6655 | 46.0089 |
| 2009 | 6     | 18  | 5    | 36     | 40     | 0.3       | 2.3     | 0.56  | 98.7      | 126.6655 | 53.475  |
| 2009 | 6     | 18  | 5    | 46     | 40     | 0.3       | 2.3     | 0.47  | 104.5     | 126.8555 | 44.9276 |
| 2009 | 6     | 18  | 5    | 56     | 40     | 0.3       | 2.3     | 0.46  | 95.3      | 126.6655 | 45.4346 |
| 2009 | 6     | 18  | 6    | 6      | 40     | 0.3       | 2.3     | 0.51  | 103.9     | 126.6655 | 48.019  |
| 2009 | 6     | 18  | 6    | 16     | 40     | 0.3       | 2.3     | 0.49  | 100.4     | 126.6655 | 47.1575 |
| 2009 | 6     | 18  | 6    | 26     | 40     | 0.3       | 2.3     | 0.49  | 100.4     | 126.8555 | 47.2283 |
| 2009 | 6     | 18  | 6    | 36     | 40     | 0.3       | 2.3     | 0.46  | 96.2      | 126.8555 | 44.9276 |
| 2009 | 6     | 18  | 6    | 46     | 40     | 0.3       | 2.3     | 0.48  | 101.5     | 126.8555 | 45.7904 |
| 2009 | 6     | 18  | 6    | 56     | 40     | 0.3       | 2.3     | 0.5   | 100.9     | 126.8555 | 48.0911 |
| 2009 | 6     | 18  | 7    | 6      | 40     | 0.3       | 2.3     | 0.51  | 102.2     | 126.8555 | 48.9538 |
| 2009 | 6     | 18  | 7    | 16     | 40     | 0.3       | 2.3     | 0.46  | 99.4      | 126.8555 | 44.9276 |
| 2009 | 6     | 18  | 7    | 26     | 40     | 0.3       | 2.3     | 0.43  | 94.4      | 126.8555 | 42.3393 |
| 2009 | 6     | 18  | 7    | 36     | 40     | 0.3       | 2.3     | 0.46  | 100.6     | 126.8555 | 44.9276 |
| 2009 | 6     | 18  | 7    | 46     | 40     | 0.3       | 2.3     | 0.54  | 100.8     | 126.8555 | 51.8297 |
| 2009 | 6     | 18  | 7    | 56     | 40     | 0.3       | 2.3     | 0.47  | 102.2     | 126.8555 | 44.9276 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 18  | 8    | 6      | 40     | 0.3       | 2.3     | 0.45  | 100.4     | 126.8555 | 44.0648 |
| 2009 | 6     | 18  | 8    | 16     | 40     | 0.3       | 2.3     | 0.49  | 105.5     | 126.8555 | 46.3655 |
| 2009 | 6     | 18  | 8    | 26     | 40     | 0.3       | 2.3     | 0.48  | 99.4      | 126.8555 | 46.6531 |
| 2009 | 6     | 18  | 8    | 36     | 40     | 0.3       | 2.3     | 0.47  | 96.8      | 126.8555 | 45.7904 |
| 2009 | 6     | 18  | 8    | 46     | 40     | 0.3       | 2.3     | 0.46  | 99.1      | 126.8555 | 44.64   |
| 2009 | 6     | 18  | 8    | 56     | 40     | 0.3       | 2.3     | 0.47  | 100.1     | 126.8555 | 45.5028 |
| 2009 | 6     | 18  | 9    | 6      | 40     | 0.3       | 2.3     | 0.43  | 100.6     | 126.8555 | 41.7641 |
| 2009 | 6     | 18  | 9    | 16     | 40     | 0.3       | 2.3     | 0.5   | 97.9      | 126.8555 | 48.6662 |
| 2009 | 6     | 18  | 9    | 26     | 40     | 0.3       | 2.3     | 0.46  | 99.5      | 126.8555 | 44.64   |
| 2009 | 6     | 18  | 9    | 36     | 40     | 0.3       | 2.3     | 0.5   | 98.3      | 126.8555 | 48.0911 |
| 2009 | 6     | 18  | 9    | 46     | 40     | 0.3       | 2.3     | 0.44  | 100.3     | 126.6655 | 42.8502 |
| 2009 | 6     | 18  | 9    | 56     | 40     | 0.3       | 2.3     | 0.46  | 99.1      | 126.6655 | 44.2859 |
| 2009 | 6     | 18  | 10   | 6      | 40     | 0.3       | 2.3     | 0.4   | 98.5      | 126.8555 | 39.751  |
| 2009 | 6     | 18  | 10   | 16     | 40     | 0.3       | 2.3     | 0.43  | 93.5      | 126.8555 | 42.6269 |
| 2009 | 6     | 18  | 10   | 26     | 40     | 0.3       | 2.3     | 0.47  | 100.9     | 126.8555 | 45.2152 |
| 2009 | 6     | 18  | 10   | 36     | 40     | 0.3       | 2.3     | 0.47  | 94.8      | 126.8555 | 46.3655 |
| 2009 | 6     | 18  | 10   | 46     | 40     | 0.3       | 2.3     | 0.43  | 102.7     | 126.8555 | 42.0517 |
| 2009 | 6     | 18  | 10   | 56     | 40     | 0.3       | 2.3     | 0.5   | 99        | 126.8555 | 48.6662 |
| 2009 | 6     | 18  | 11   | 6      | 40     | 0.3       | 2.3     | 0.46  | 99.1      | 126.8555 | 44.3524 |
| 2009 | 6     | 18  | 11   | 16     | 40     | 0.3       | 2.3     | 0.52  | 99.8      | 126.8555 | 50.1042 |
| 2009 | 6     | 18  | 11   | 26     | 40     | 0.3       | 2.3     | 0.46  | 104.9     | 126.8555 | 43.7772 |
| 2009 | 6     | 18  | 11   | 36     | 40     | 0.3       | 2.3     | 0.51  | 97.8      | 126.8555 | 48.9538 |
| 2009 | 6     | 18  | 11   | 46     | 40     | 0.3       | 2.3     | 0.48  | 105.6     | 126.8555 | 45.2152 |
| 2009 | 6     | 18  | 11   | 56     | 40     | 0.3       | 2.3     | 0.45  | 98.7      | 126.8555 | 44.3524 |
| 2009 | 6     | 18  | 12   | 6      | 40     | 0.3       | 2.3     | 0.42  | 101.3     | 126.8555 | 40.9013 |
| 2009 | 6     | 18  | 12   | 16     | 40     | 0.3       | 2.3     | 0.47  | 100.9     | 126.8555 | 45.2152 |
| 2009 | 6     | 18  | 12   | 26     | 40     | 0.3       | 2.3     | 0.47  | 100.1     | 126.8555 | 45.5028 |
| 2009 | 6     | 18  | 12   | 36     | 40     | 0.3       | 2.3     | 0.43  | 96.2      | 126.8555 | 42.0517 |
| 2009 | 6     | 18  | 12   | 46     | 40     | 0.3       | 2.3     | 0.47  | 94        | 126.8555 | 45.7904 |
| 2009 | 6     | 18  | 12   | 56     | 40     | 0.3       | 2.3     | 0.46  | 96.6      | 126.8555 | 44.9276 |
| 2009 | 6     | 18  | 13   | 6      | 40     | 0.3       | 2.3     | 0.5   | 99        | 126.8555 | 48.3787 |
| 2009 | 6     | 18  | 13   | 16     | 40     | 0.3       | 2.3     | 0.45  | 98.7      | 126.8555 | 44.3524 |
| 2009 | 6     | 18  | 13   | 26     | 40     | 0.3       | 2.3     | 0.49  | 96.2      | 126.8555 | 47.2283 |
| 2009 | 6     | 18  | 13   | 36     | 40     | 0.3       | 2.3     | 0.49  | 95.4      | 126.6655 | 47.4447 |
| 2009 | 6     | 18  | 13   | 46     | 40     | 0.3       | 2.3     | 0.5   | 98.6      | 126.6655 | 48.5933 |
| 2009 | 6     | 18  | 13   | 56     | 40     | 0.3       | 2.3     | 0.46  | 99.8      | 126.6655 | 44.8603 |
| 2009 | 6     | 18  | 14   | 6      | 40     | 0.3       | 2.3     | 0.49  | 102.4     | 126.6655 | 46.5832 |
| 2009 | 6     | 18  | 14   | 16     | 40     | 0.3       | 2.3     | 0.47  | 98.7      | 126.6655 | 46.0089 |
| 2009 | 6     | 18  | 14   | 26     | 40     | 0.3       | 2.3     | 0.51  | 100       | 126.6655 | 48.8805 |
| 2009 | 6     | 18  | 14   | 36     | 40     | 0.3       | 2.3     | 0.43  | 97        | 126.6655 | 42.2758 |
| 2009 | 6     | 18  | 14   | 46     | 40     | 0.3       | 2.3     | 0.44  | 94.7      | 126.4754 | 43.6461 |
| 2009 | 6     | 18  | 14   | 56     | 40     | 0.3       | 2.3     | 0.48  | 97.1      | 126.6655 | 46.5832 |
| 2009 | 6     | 18  | 15   | 6      | 40     | 0.3       | 2.3     | 0.46  | 98.5      | 126.4754 | 45.0797 |
| 2009 | 6     | 18  | 15   | 16     | 40     | 0.3       | 2.3     | 0.49  | 100.1     | 126.4754 | 46.8001 |
| 2009 | 6     | 18  | 15   | 26     | 40     | 0.3       | 2.3     | 0.48  | 98.3      | 126.4754 | 46.2266 |
| 2009 | 6     | 18  | 15   | 36     | 40     | 0.3       | 2.3     | 0.44  | 98.9      | 126.4754 | 43.3593 |
| 2009 | 6     | 18  | 15   | 46     | 40     | 0.3       | 2.3     | 0.47  | 96        | 126.4754 | 45.6531 |
| 2009 | 6     | 18  | 15   | 56     | 40     | 0.3       | 2.3     | 0.51  | 98.9      | 126.4754 | 49.0939 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 18  | 16   | 6      | 40     | 0.3       | 2.3     | 0.44  | 102.5     | 126.4754 | 42.4991 |
| 2009 | 6     | 18  | 16   | 16     | 40     | 0.3       | 2.3     | 0.46  | 98.2      | 126.4754 | 44.5062 |
| 2009 | 6     | 18  | 16   | 26     | 40     | 0.3       | 2.3     | 0.5   | 103.9     | 126.0957 | 47.5171 |
| 2009 | 6     | 18  | 16   | 36     | 40     | 0.3       | 2.3     | 0.5   | 97.9      | 126.2855 | 48.4476 |
| 2009 | 6     | 18  | 16   | 46     | 40     | 0.3       | 2.3     | 0.48  | 99.5      | 126.0957 | 46.0878 |
| 2009 | 6     | 18  | 16   | 56     | 40     | 0.3       | 2.3     | 0.45  | 99.2      | 126.0957 | 43.8009 |
| 2009 | 6     | 18  | 17   | 6      | 40     | 0.3       | 2.3     | 0.45  | 96.7      | 125.9059 | 44.0204 |
| 2009 | 6     | 18  | 17   | 16     | 40     | 0.3       | 2.3     | 0.49  | 94.6      | 125.9059 | 47.1602 |
| 2009 | 6     | 18  | 17   | 26     | 40     | 0.3       | 2.3     | 0.49  | 97.3      | 125.9059 | 47.1602 |
| 2009 | 6     | 18  | 17   | 36     | 40     | 0.3       | 2.3     | 0.48  | 101.4     | 125.9059 | 46.0185 |
| 2009 | 6     | 18  | 17   | 46     | 40     | 0.3       | 2.3     | 0.46  | 98.7      | 125.7163 | 44.2391 |
| 2009 | 6     | 18  | 17   | 56     | 40     | 0.3       | 2.3     | 0.46  | 99.1      | 125.7163 | 44.2391 |
| 2009 | 6     | 18  | 18   | 6      | 40     | 0.3       | 2.3     | 0.49  | 93.5      | 125.7163 | 47.3742 |
| 2009 | 6     | 18  | 18   | 16     | 40     | 0.3       | 2.3     | 0.52  | 97.7      | 125.7163 | 49.3692 |
| 2009 | 6     | 18  | 18   | 26     | 40     | 0.3       | 2.3     | 0.42  | 102.3     | 125.7163 | 40.249  |
| 2009 | 6     | 18  | 18   | 36     | 40     | 0.3       | 2.3     | 0.48  | 100.3     | 125.7163 | 45.6641 |
| 2009 | 6     | 18  | 18   | 46     | 40     | 0.3       | 2.3     | 0.46  | 96.5      | 125.7163 | 44.8091 |
| 2009 | 6     | 18  | 18   | 56     | 40     | 0.3       | 2.3     | 0.5   | 95.6      | 125.7163 | 48.2292 |
| 2009 | 6     | 18  | 19   | 6      | 40     | 0.3       | 2.3     | 0.51  | 97.4      | 125.9059 | 49.1583 |
| 2009 | 6     | 18  | 19   | 16     | 40     | 0.3       | 2.3     | 0.45  | 96.7      | 125.7163 | 43.9541 |
| 2009 | 6     | 18  | 19   | 26     | 40     | 0.3       | 2.3     | 0.49  | 93.9      | 125.7163 | 47.0892 |
| 2009 | 6     | 18  | 19   | 36     | 40     | 0.3       | 2.3     | 0.46  | 94.9      | 125.9059 | 45.1621 |
| 2009 | 6     | 18  | 19   | 46     | 40     | 0.3       | 2.3     | 0.53  | 101.9     | 125.9059 | 49.7291 |
| 2009 | 6     | 18  | 19   | 56     | 40     | 0.3       | 2.3     | 0.48  | 98.6      | 125.7163 | 46.5191 |
| 2009 | 6     | 18  | 20   | 6      | 40     | 0.3       | 2.3     | 0.5   | 99.5      | 126.0957 | 47.803  |
| 2009 | 6     | 18  | 20   | 16     | 40     | 0.3       | 2.3     | 0.45  | 97.1      | 126.0957 | 43.8009 |
| 2009 | 6     | 18  | 20   | 26     | 40     | 0.3       | 2.3     | 0.43  | 98.3      | 126.0957 | 42.3715 |
| 2009 | 6     | 18  | 20   | 36     | 40     | 0.3       | 2.3     | 0.45  | 101.5     | 126.0957 | 42.9433 |
| 2009 | 6     | 18  | 20   | 46     | 40     | 0.3       | 2.3     | 0.46  | 99.5      | 126.0957 | 44.0867 |
| 2009 | 6     | 18  | 20   | 56     | 40     | 0.3       | 2.3     | 0.45  | 103.8     | 126.0957 | 43.2291 |
| 2009 | 6     | 18  | 21   | 6      | 40     | 0.3       | 2.3     | 0.47  | 98.4      | 126.0957 | 45.8019 |
| 2009 | 6     | 18  | 21   | 16     | 40     | 0.3       | 2.3     | 0.42  | 101.2     | 126.0957 | 40.9422 |
| 2009 | 6     | 18  | 21   | 26     | 40     | 0.3       | 2.3     | 0.51  | 97        | 126.2855 | 49.0202 |
| 2009 | 6     | 18  | 21   | 36     | 40     | 0.3       | 2.3     | 0.49  | 100.7     | 126.2855 | 47.3024 |
| 2009 | 6     | 18  | 21   | 46     | 40     | 0.3       | 2.3     | 0.5   | 97.6      | 126.2855 | 47.875  |
| 2009 | 6     | 18  | 21   | 56     | 40     | 0.3       | 2.3     | 0.47  | 94        | 126.2855 | 46.1572 |
| 2009 | 6     | 18  | 22   | 6      | 40     | 0.3       | 2.3     | 0.54  | 98.3      | 126.2855 | 51.8831 |
| 2009 | 6     | 18  | 22   | 16     | 40     | 0.3       | 2.3     | 0.47  | 100.1     | 126.2855 | 45.012  |
| 2009 | 6     | 18  | 22   | 26     | 40     | 0.3       | 2.3     | 0.47  | 99.7      | 126.4754 | 45.3664 |
| 2009 | 6     | 18  | 22   | 36     | 40     | 0.3       | 2.3     | 0.49  | 98.1      | 126.4754 | 47.0868 |
| 2009 | 6     | 18  | 22   | 46     | 40     | 0.3       | 2.3     | 0.46  | 94.1      | 126.4754 | 45.0797 |
| 2009 | 6     | 18  | 22   | 56     | 40     | 0.3       | 2.3     | 0.52  | 95.7      | 126.4754 | 50.5275 |
| 2009 | 6     | 18  | 23   | 6      | 40     | 0.3       | 2.3     | 0.43  | 98.3      | 126.4754 | 42.4991 |
| 2009 | 6     | 18  | 23   | 16     | 40     | 0.3       | 2.3     | 0.5   | 99.8      | 126.4754 | 47.947  |
| 2009 | 6     | 18  | 23   | 26     | 40     | 0.3       | 2.3     | 0.43  | 97.8      | 126.4754 | 42.4991 |
| 2009 | 6     | 18  | 23   | 36     | 40     | 0.3       | 2.3     | 0.44  | 96.4      | 126.4754 | 43.0726 |
| 2009 | 6     | 18  | 23   | 46     | 40     | 0.3       | 2.3     | 0.46  | 98.6      | 126.4754 | 44.793  |
| 2009 | 6     | 18  | 23   | 56     | 40     | 0.3       | 2.3     | 0.49  | 102       | 126.4754 | 46.8001 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 19  | 0    | 6      | 40     | 0.3       | 2.3     | 0.49  | 102.3     | 126.6655 | 47.1575 |
| 2009 | 6     | 19  | 0    | 16     | 40     | 0.3       | 2.3     | 0.46  | 97.8      | 126.4754 | 44.793  |
| 2009 | 6     | 19  | 0    | 26     | 40     | 0.3       | 2.3     | 0.44  | 102.4     | 126.4754 | 42.7859 |
| 2009 | 6     | 19  | 0    | 36     | 40     | 0.3       | 2.3     | 0.47  | 96.4      | 126.4754 | 45.9399 |
| 2009 | 6     | 19  | 0    | 46     | 40     | 0.3       | 2.3     | 0.46  | 101.1     | 126.4754 | 44.2195 |
| 2009 | 6     | 19  | 0    | 56     | 40     | 0.3       | 2.3     | 0.45  | 101.5     | 126.6655 | 43.1373 |
| 2009 | 6     | 19  | 1    | 6      | 40     | 0.3       | 2.3     | 0.51  | 99.3      | 126.6655 | 48.8805 |
| 2009 | 6     | 19  | 1    | 16     | 40     | 0.3       | 2.3     | 0.46  | 96.6      | 126.6655 | 44.5731 |
| 2009 | 6     | 19  | 1    | 26     | 40     | 0.3       | 2.3     | 0.52  | 98        | 126.6655 | 49.742  |
| 2009 | 6     | 19  | 1    | 36     | 40     | 0.3       | 2.3     | 0.45  | 92.1      | 126.6655 | 43.9988 |
| 2009 | 6     | 19  | 1    | 46     | 40     | 0.3       | 2.3     | 0.44  | 97.2      | 126.6655 | 43.4245 |
| 2009 | 6     | 19  | 1    | 56     | 40     | 0.3       | 2.3     | 0.45  | 95.9      | 126.6655 | 43.7116 |
| 2009 | 6     | 19  | 2    | 6      | 40     | 0.3       | 2.3     | 0.49  | 101.6     | 126.6655 | 46.8704 |
| 2009 | 6     | 19  | 2    | 16     | 40     | 0.3       | 2.3     | 0.5   | 99.5      | 126.6655 | 48.019  |
| 2009 | 6     | 19  | 2    | 26     | 40     | 0.3       | 2.3     | 0.44  | 102.4     | 126.6655 | 42.8502 |
| 2009 | 6     | 19  | 2    | 36     | 40     | 0.3       | 2.3     | 0.52  | 101       | 126.6655 | 49.4548 |
| 2009 | 6     | 19  | 2    | 46     | 40     | 0.3       | 2.3     | 0.49  | 97.7      | 126.6655 | 47.4447 |
| 2009 | 6     | 19  | 2    | 56     | 40     | 0.3       | 2.3     | 0.46  | 97.8      | 126.6655 | 44.8603 |
| 2009 | 6     | 19  | 3    | 6      | 40     | 0.3       | 2.3     | 0.44  | 99.5      | 126.6655 | 42.8502 |
| 2009 | 6     | 19  | 3    | 16     | 40     | 0.3       | 2.3     | 0.48  | 100.5     | 126.6655 | 46.5832 |
| 2009 | 6     | 19  | 3    | 26     | 40     | 0.3       | 2.3     | 0.46  | 98.7      | 126.6655 | 44.5731 |
| 2009 | 6     | 19  | 3    | 36     | 40     | 0.3       | 2.3     | 0.39  | 99.6      | 126.6655 | 38.8299 |
| 2009 | 6     | 19  | 3    | 46     | 40     | 0.3       | 2.3     | 0.48  | 93.6      | 126.6655 | 46.5832 |
| 2009 | 6     | 19  | 3    | 56     | 40     | 0.3       | 2.3     | 0.47  | 100.1     | 126.6655 | 45.4346 |
| 2009 | 6     | 19  | 4    | 6      | 40     | 0.3       | 2.3     | 0.46  | 99.1      | 126.8555 | 44.3524 |
| 2009 | 6     | 19  | 4    | 16     | 40     | 0.3       | 2.3     | 0.48  | 96.3      | 126.6655 | 46.8704 |
| 2009 | 6     | 19  | 4    | 26     | 40     | 0.3       | 2.3     | 0.49  | 100.1     | 126.6655 | 46.8704 |
| 2009 | 6     | 19  | 4    | 36     | 40     | 0.3       | 2.3     | 0.5   | 102.1     | 126.6655 | 47.7318 |
| 2009 | 6     | 19  | 4    | 46     | 40     | 0.3       | 2.3     | 0.49  | 100       | 126.6655 | 47.4447 |
| 2009 | 6     | 19  | 4    | 56     | 40     | 0.3       | 2.3     | 0.43  | 99.8      | 126.6655 | 41.7015 |
| 2009 | 6     | 19  | 5    | 6      | 40     | 0.3       | 2.3     | 0.45  | 102.1     | 126.6655 | 43.7116 |
| 2009 | 6     | 19  | 5    | 16     | 40     | 0.3       | 2.3     | 0.45  | 97.9      | 126.6655 | 44.2859 |
| 2009 | 6     | 19  | 5    | 26     | 40     | 0.3       | 2.3     | 0.47  | 95.9      | 126.6655 | 46.2961 |
| 2009 | 6     | 19  | 5    | 36     | 40     | 0.3       | 2.3     | 0.51  | 99.3      | 126.6655 | 48.8805 |
| 2009 | 6     | 19  | 5    | 46     | 40     | 0.3       | 2.3     | 0.48  | 95.4      | 126.6655 | 47.1575 |
| 2009 | 6     | 19  | 5    | 56     | 40     | 0.3       | 2.3     | 0.47  | 102.5     | 126.6655 | 45.1474 |
| 2009 | 6     | 19  | 6    | 6      | 40     | 0.3       | 2.3     | 0.46  | 90.4      | 126.6655 | 44.8603 |
| 2009 | 6     | 19  | 6    | 16     | 40     | 0.3       | 2.3     | 0.5   | 100.5     | 126.6655 | 48.3062 |
| 2009 | 6     | 19  | 6    | 26     | 40     | 0.3       | 2.3     | 0.48  | 94.3      | 126.6655 | 46.8704 |
| 2009 | 6     | 19  | 6    | 36     | 40     | 0.3       | 2.3     | 0.45  | 98.4      | 126.6655 | 43.9988 |
| 2009 | 6     | 19  | 6    | 46     | 40     | 0.3       | 2.3     | 0.45  | 95.8      | 126.6655 | 44.2859 |
| 2009 | 6     | 19  | 6    | 56     | 40     | 0.3       | 2.3     | 0.52  | 95.5      | 126.6655 | 50.0291 |
| 2009 | 6     | 19  | 7    | 6      | 40     | 0.3       | 2.3     | 0.5   | 99.9      | 126.6655 | 47.7318 |
| 2009 | 6     | 19  | 7    | 16     | 40     | 0.3       | 2.3     | 0.5   | 97.9      | 126.8555 | 48.6662 |
| 2009 | 6     | 19  | 7    | 26     | 40     | 0.3       | 2.3     | 0.43  | 97        | 126.6655 | 42.563  |
| 2009 | 6     | 19  | 7    | 36     | 40     | 0.3       | 2.3     | 0.48  | 97.5      | 126.6655 | 46.2961 |
| 2009 | 6     | 19  | 7    | 46     | 40     | 0.3       | 2.3     | 0.49  | 97.7      | 126.6655 | 47.4447 |
| 2009 | 6     | 19  | 7    | 56     | 40     | 0.3       | 2.3     | 0.48  | 99.5      | 126.6655 | 46.2961 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 19  | 8    | 6      | 40     | 0.3       | 2.3     | 0.45  | 98.8      | 126.6655 | 43.7116 |
| 2009 | 6     | 19  | 8    | 16     | 40     | 0.3       | 2.3     | 0.47  | 102.6     | 126.6655 | 44.8603 |
| 2009 | 6     | 19  | 8    | 26     | 40     | 0.3       | 2.3     | 0.43  | 98.9      | 126.6655 | 41.7015 |
| 2009 | 6     | 19  | 8    | 36     | 40     | 0.3       | 2.3     | 0.46  | 98.2      | 126.6655 | 44.8603 |
| 2009 | 6     | 19  | 8    | 46     | 40     | 0.3       | 2.3     | 0.5   | 99.2      | 126.6655 | 47.7318 |
| 2009 | 6     | 19  | 8    | 56     | 40     | 0.3       | 2.3     | 0.57  | 99.3      | 126.6655 | 54.0493 |
| 2009 | 6     | 19  | 9    | 6      | 40     | 0.3       | 2.3     | 0.45  | 98.4      | 126.6655 | 43.9988 |
| 2009 | 6     | 19  | 9    | 16     | 40     | 0.3       | 2.3     | 0.5   | 98.7      | 126.6655 | 48.3062 |
| 2009 | 6     | 19  | 9    | 26     | 40     | 0.3       | 2.3     | 0.47  | 96        | 126.8555 | 46.0779 |
| 2009 | 6     | 19  | 9    | 36     | 40     | 0.3       | 2.3     | 0.51  | 99.7      | 126.6655 | 48.5933 |
| 2009 | 6     | 19  | 9    | 46     | 40     | 0.3       | 2.3     | 0.44  | 100.3     | 126.8555 | 42.9145 |
| 2009 | 6     | 19  | 9    | 56     | 40     | 0.3       | 2.3     | 0.46  | 97.3      | 126.6655 | 45.1474 |
| 2009 | 6     | 19  | 10   | 6      | 40     | 0.3       | 2.3     | 0.45  | 101.4     | 126.6655 | 43.4245 |
| 2009 | 6     | 19  | 10   | 16     | 40     | 0.3       | 2.3     | 0.45  | 98.4      | 126.6655 | 43.9988 |
| 2009 | 6     | 19  | 10   | 26     | 40     | 0.3       | 2.3     | 0.48  | 104.5     | 126.6655 | 46.0089 |
| 2009 | 6     | 19  | 10   | 36     | 40     | 0.3       | 2.3     | 0.46  | 100.3     | 126.8555 | 44.64   |
| 2009 | 6     | 19  | 10   | 46     | 40     | 0.3       | 2.3     | 0.5   | 98.7      | 126.6655 | 48.019  |
| 2009 | 6     | 19  | 10   | 56     | 40     | 0.3       | 2.3     | 0.48  | 101.5     | 126.6655 | 45.7217 |
| 2009 | 6     | 19  | 11   | 6      | 40     | 0.3       | 2.3     | 0.47  | 98.1      | 126.6655 | 45.4346 |
| 2009 | 6     | 19  | 11   | 16     | 40     | 0.3       | 2.3     | 0.46  | 93.7      | 126.4754 | 44.793  |
| 2009 | 6     | 19  | 11   | 26     | 40     | 0.3       | 2.3     | 0.5   | 95.3      | 126.6655 | 48.5933 |
| 2009 | 6     | 19  | 11   | 36     | 40     | 0.3       | 2.3     | 0.47  | 103       | 126.6655 | 44.8603 |
| 2009 | 6     | 19  | 11   | 46     | 40     | 0.3       | 2.3     | 0.46  | 105       | 126.6655 | 43.4245 |
| 2009 | 6     | 19  | 11   | 56     | 40     | 0.3       | 2.3     | 0.51  | 96.2      | 126.2855 | 49.5928 |
| 2009 | 6     | 19  | 12   | 6      | 40     | 0.3       | 2.3     | 0.5   | 94.1      | 126.4754 | 48.5204 |
| 2009 | 6     | 19  | 12   | 16     | 40     | 0.3       | 2.3     | 0.52  | 93.6      | 126.4754 | 50.2408 |
| 2009 | 6     | 19  | 12   | 26     | 40     | 0.3       | 2.3     | 0.55  | 98.6      | 126.2855 | 52.1694 |
| 2009 | 6     | 19  | 12   | 36     | 40     | 0.3       | 2.3     | 0.48  | 98.3      | 126.2855 | 46.1572 |
| 2009 | 6     | 19  | 12   | 46     | 40     | 0.3       | 2.3     | 0.47  | 99.6      | 126.0957 | 45.5161 |
| 2009 | 6     | 19  | 12   | 56     | 40     | 0.3       | 2.3     | 0.48  | 93.2      | 126.0957 | 46.3737 |
| 2009 | 6     | 19  | 13   | 6      | 40     | 0.3       | 2.3     | 0.47  | 93.6      | 126.0957 | 45.8019 |
| 2009 | 6     | 19  | 13   | 16     | 40     | 0.3       | 2.3     | 0.48  | 98.3      | 125.9059 | 46.0185 |
| 2009 | 6     | 19  | 13   | 26     | 40     | 0.3       | 2.3     | 0.52  | 95.8      | 126.0957 | 50.0899 |
| 2009 | 6     | 19  | 13   | 36     | 40     | 0.3       | 2.3     | 0.48  | 99.5      | 125.9059 | 46.0185 |
| 2009 | 6     | 19  | 13   | 46     | 40     | 0.3       | 2.3     | 0.44  | 93.8      | 125.7163 | 43.0991 |
| 2009 | 6     | 19  | 13   | 56     | 40     | 0.3       | 2.3     | 0.48  | 102.1     | 125.9059 | 46.0185 |
| 2009 | 6     | 19  | 14   | 6      | 40     | 0.3       | 2.3     | 0.48  | 92.7      | 125.5267 | 46.449  |
| 2009 | 6     | 19  | 14   | 16     | 40     | 0.3       | 2.3     | 0.47  | 94        | 125.9059 | 46.0185 |
| 2009 | 6     | 19  | 14   | 26     | 40     | 0.3       | 2.3     | 0.53  | 94.3      | 125.5267 | 50.4331 |
| 2009 | 6     | 19  | 14   | 36     | 40     | 0.3       | 2.3     | 0.48  | 97.9      | 125.5267 | 45.8799 |
| 2009 | 6     | 19  | 14   | 46     | 40     | 0.3       | 2.3     | 0.47  | 90.8      | 125.5267 | 45.5953 |
| 2009 | 6     | 19  | 14   | 56     | 40     | 0.3       | 2.3     | 0.49  | 97.7      | 125.5267 | 46.7336 |
| 2009 | 6     | 19  | 15   | 6      | 40     | 0.3       | 2.3     | 0.5   | 98.7      | 125.3372 | 47.5155 |
| 2009 | 6     | 19  | 15   | 16     | 40     | 0.3       | 2.3     | 0.46  | 94.5      | 125.5267 | 45.0261 |
| 2009 | 6     | 19  | 15   | 26     | 40     | 0.3       | 2.3     | 0.49  | 94.2      | 125.3372 | 47.5155 |
| 2009 | 6     | 19  | 15   | 36     | 40     | 0.3       | 2.3     | 0.52  | 95.8      | 125.5267 | 49.5793 |
| 2009 | 6     | 19  | 15   | 46     | 40     | 0.3       | 2.3     | 0.48  | 101.4     | 125.5267 | 45.8799 |
| 2009 | 6     | 19  | 15   | 56     | 40     | 0.3       | 2.3     | 0.5   | 97.2      | 125.3372 | 47.7996 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 19  | 16   | 6      | 40     | 0.3       | 2.3     | 0.52  | 97.7      | 125.3372 | 49.2204 |
| 2009 | 6     | 19  | 16   | 16     | 40     | 0.3       | 2.3     | 0.49  | 100.1     | 125.3372 | 46.3789 |
| 2009 | 6     | 19  | 16   | 26     | 40     | 0.3       | 2.3     | 0.5   | 101.8     | 125.3372 | 46.9472 |
| 2009 | 6     | 19  | 16   | 36     | 40     | 0.3       | 2.3     | 0.53  | 99.3      | 125.3372 | 49.7887 |
| 2009 | 6     | 19  | 16   | 46     | 40     | 0.3       | 2.3     | 0.44  | 98.6      | 125.3372 | 42.685  |
| 2009 | 6     | 19  | 16   | 56     | 40     | 0.3       | 2.3     | 0.46  | 98.1      | 125.3372 | 44.674  |
| 2009 | 6     | 19  | 17   | 6      | 40     | 0.3       | 2.3     | 0.48  | 97.1      | 125.1479 | 45.7414 |
| 2009 | 6     | 19  | 17   | 16     | 40     | 0.3       | 2.3     | 0.44  | 95.6      | 125.1479 | 42.6205 |
| 2009 | 6     | 19  | 17   | 26     | 40     | 0.3       | 2.3     | 0.37  | 98.2      | 125.1479 | 36.3787 |
| 2009 | 6     | 19  | 17   | 36     | 40     | 0.3       | 2.3     | 0.45  | 100       | 125.1479 | 43.4716 |
| 2009 | 6     | 19  | 17   | 46     | 40     | 0.3       | 2.3     | 0.44  | 98.6      | 125.1479 | 42.3368 |
| 2009 | 6     | 19  | 17   | 56     | 40     | 0.3       | 2.3     | 0.44  | 97.2      | 125.1479 | 42.9042 |
| 2009 | 6     | 19  | 18   | 6      | 40     | 0.3       | 2.3     | 0.51  | 97.4      | 125.1479 | 48.5786 |
| 2009 | 6     | 19  | 18   | 16     | 40     | 0.3       | 2.3     | 0.49  | 104       | 125.1479 | 45.7414 |
| 2009 | 6     | 19  | 18   | 26     | 40     | 0.3       | 2.3     | 0.47  | 98        | 125.1479 | 45.1739 |
| 2009 | 6     | 19  | 18   | 36     | 40     | 0.3       | 2.3     | 0.44  | 100.2     | 125.1479 | 42.6205 |
| 2009 | 6     | 19  | 18   | 46     | 40     | 0.3       | 2.3     | 0.44  | 97.2      | 125.1479 | 42.9042 |
| 2009 | 6     | 19  | 18   | 56     | 40     | 0.3       | 2.3     | 0.45  | 98.8      | 125.1479 | 43.4716 |
| 2009 | 6     | 19  | 19   | 6      | 40     | 0.3       | 2.3     | 0.45  | 97.5      | 125.1479 | 43.7554 |
| 2009 | 6     | 19  | 19   | 16     | 40     | 0.3       | 2.3     | 0.46  | 99.1      | 125.1479 | 44.0391 |
| 2009 | 6     | 19  | 19   | 26     | 40     | 0.3       | 2.3     | 0.48  | 98.2      | 125.1479 | 46.0251 |
| 2009 | 6     | 19  | 19   | 36     | 40     | 0.3       | 2.3     | 0.52  | 95.8      | 125.1479 | 49.4297 |
| 2009 | 6     | 19  | 19   | 46     | 40     | 0.3       | 2.3     | 0.49  | 98.5      | 125.1479 | 46.8763 |
| 2009 | 6     | 19  | 19   | 56     | 40     | 0.3       | 2.3     | 0.39  | 105.4     | 125.1479 | 37.7973 |
| 2009 | 6     | 19  | 20   | 6      | 40     | 0.3       | 2.3     | 0.47  | 98.7      | 125.1479 | 45.4577 |
| 2009 | 6     | 19  | 20   | 16     | 40     | 0.3       | 2.3     | 0.48  | 97.1      | 125.1479 | 46.0251 |
| 2009 | 6     | 19  | 20   | 26     | 40     | 0.3       | 2.3     | 0.49  | 98.5      | 125.1479 | 46.8763 |
| 2009 | 6     | 19  | 20   | 36     | 40     | 0.3       | 2.3     | 0.49  | 93.5      | 125.1479 | 47.16   |
| 2009 | 6     | 19  | 20   | 46     | 40     | 0.3       | 2.3     | 0.47  | 97.7      | 125.1479 | 44.8902 |
| 2009 | 6     | 19  | 20   | 56     | 40     | 0.3       | 2.3     | 0.55  | 99.7      | 125.1479 | 51.4157 |
| 2009 | 6     | 19  | 21   | 6      | 40     | 0.3       | 2.3     | 0.49  | 96.9      | 125.1479 | 46.8763 |
| 2009 | 6     | 19  | 21   | 16     | 40     | 0.3       | 2.3     | 0.47  | 100       | 125.1479 | 45.1739 |
| 2009 | 6     | 19  | 21   | 26     | 40     | 0.3       | 2.3     | 0.5   | 97.5      | 125.1479 | 48.0111 |
| 2009 | 6     | 19  | 21   | 36     | 40     | 0.3       | 2.3     | 0.44  | 99        | 125.1479 | 42.3368 |
| 2009 | 6     | 19  | 21   | 46     | 40     | 0.3       | 2.3     | 0.46  | 100.6     | 125.1479 | 44.3228 |
| 2009 | 6     | 19  | 21   | 56     | 40     | 0.3       | 2.3     | 0.47  | 96.4      | 125.1479 | 45.1739 |
| 2009 | 6     | 19  | 22   | 6      | 40     | 0.3       | 2.3     | 0.47  | 98.8      | 125.1479 | 45.1739 |
| 2009 | 6     | 19  | 22   | 16     | 40     | 0.3       | 2.3     | 0.47  | 100.8     | 125.1479 | 44.8902 |
| 2009 | 6     | 19  | 22   | 26     | 40     | 0.3       | 2.3     | 0.46  | 100.3     | 125.1479 | 44.0391 |
| 2009 | 6     | 19  | 22   | 36     | 40     | 0.3       | 2.3     | 0.49  | 98.1      | 125.1479 | 46.8763 |
| 2009 | 6     | 19  | 22   | 46     | 40     | 0.3       | 2.3     | 0.45  | 102.7     | 125.1479 | 42.6205 |
| 2009 | 6     | 19  | 22   | 56     | 40     | 0.3       | 2.3     | 0.42  | 101.7     | 125.1479 | 40.6345 |
| 2009 | 6     | 19  | 23   | 6      | 40     | 0.3       | 2.3     | 0.4   | 97.1      | 125.1479 | 38.9322 |
| 2009 | 6     | 19  | 23   | 16     | 40     | 0.3       | 2.3     | 0.51  | 98.9      | 125.1479 | 48.5786 |
| 2009 | 6     | 19  | 23   | 26     | 40     | 0.3       | 2.3     | 0.43  | 98.7      | 125.1479 | 42.053  |
| 2009 | 6     | 19  | 23   | 36     | 40     | 0.3       | 2.3     | 0.45  | 98.8      | 125.1479 | 43.4716 |
| 2009 | 6     | 19  | 23   | 46     | 40     | 0.3       | 2.3     | 0.47  | 99.6      | 125.1479 | 45.1739 |
| 2009 | 6     | 19  | 23   | 56     | 40     | 0.3       | 2.3     | 0.46  | 95.8      | 125.3372 | 44.3899 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 20  | 0    | 6      | 40     | 0.3       | 2.3     | 0.47  | 104       | 125.1479 | 44.6065 |
| 2009 | 6     | 20  | 0    | 16     | 40     | 0.3       | 2.3     | 0.44  | 101.1     | 125.1479 | 42.3368 |
| 2009 | 6     | 20  | 0    | 26     | 40     | 0.3       | 2.3     | 0.47  | 99.3      | 125.1479 | 44.8902 |
| 2009 | 6     | 20  | 0    | 36     | 40     | 0.3       | 2.3     | 0.43  | 102.3     | 125.1479 | 41.2019 |
| 2009 | 6     | 20  | 0    | 46     | 40     | 0.3       | 2.3     | 0.43  | 101.4     | 125.1479 | 41.4856 |
| 2009 | 6     | 20  | 0    | 56     | 40     | 0.3       | 2.3     | 0.46  | 102.3     | 125.1479 | 44.0391 |
| 2009 | 6     | 20  | 1    | 6      | 40     | 0.3       | 2.3     | 0.46  | 101       | 125.1479 | 44.3228 |
| 2009 | 6     | 20  | 1    | 16     | 40     | 0.3       | 2.3     | 0.5   | 99.9      | 125.1479 | 47.16   |
| 2009 | 6     | 20  | 1    | 26     | 40     | 0.3       | 2.3     | 0.46  | 97.3      | 125.1479 | 44.6065 |
| 2009 | 6     | 20  | 1    | 36     | 40     | 0.3       | 2.3     | 0.46  | 98.5      | 125.1479 | 44.6065 |
| 2009 | 6     | 20  | 1    | 46     | 40     | 0.3       | 2.3     | 0.48  | 98.7      | 125.1479 | 45.7414 |
| 2009 | 6     | 20  | 1    | 56     | 40     | 0.3       | 2.3     | 0.43  | 98.7      | 125.1479 | 41.7693 |
| 2009 | 6     | 20  | 2    | 6      | 40     | 0.3       | 2.3     | 0.45  | 98.4      | 125.1479 | 43.1879 |
| 2009 | 6     | 20  | 2    | 16     | 40     | 0.3       | 2.3     | 0.44  | 100.6     | 125.1479 | 42.6205 |
| 2009 | 6     | 20  | 2    | 26     | 40     | 0.3       | 2.3     | 0.46  | 97.3      | 125.1479 | 44.6065 |
| 2009 | 6     | 20  | 2    | 36     | 40     | 0.3       | 2.3     | 0.47  | 98.8      | 125.1479 | 45.1739 |
| 2009 | 6     | 20  | 2    | 46     | 40     | 0.3       | 2.3     | 0.5   | 98        | 125.1479 | 47.4437 |
| 2009 | 6     | 20  | 2    | 56     | 40     | 0.3       | 2.3     | 0.45  | 99.3      | 125.3372 | 43.2533 |
| 2009 | 6     | 20  | 3    | 6      | 40     | 0.3       | 2.3     | 0.46  | 98.5      | 125.3372 | 44.674  |
| 2009 | 6     | 20  | 3    | 16     | 40     | 0.3       | 2.3     | 0.43  | 106.4     | 125.3372 | 40.696  |
| 2009 | 6     | 20  | 3    | 26     | 40     | 0.3       | 2.3     | 0.46  | 96.5      | 125.3372 | 44.674  |
| 2009 | 6     | 20  | 3    | 36     | 40     | 0.3       | 2.3     | 0.4   | 90        | 125.3372 | 39.8435 |
| 2009 | 6     | 20  | 3    | 46     | 40     | 0.3       | 2.3     | 0.47  | 99.3      | 125.3372 | 44.674  |
| 2009 | 6     | 20  | 3    | 56     | 40     | 0.3       | 2.3     | 0.48  | 96.7      | 125.5267 | 45.8799 |
| 2009 | 6     | 20  | 4    | 6      | 40     | 0.3       | 2.3     | 0.44  | 102.1     | 125.5267 | 42.1804 |
| 2009 | 6     | 20  | 4    | 16     | 40     | 0.3       | 2.3     | 0.44  | 99.1      | 125.5267 | 42.1804 |
| 2009 | 6     | 20  | 4    | 26     | 40     | 0.3       | 2.3     | 0.49  | 96.2      | 125.5267 | 46.7336 |
| 2009 | 6     | 20  | 4    | 36     | 40     | 0.3       | 2.3     | 0.44  | 97.2      | 125.5267 | 43.0341 |
| 2009 | 6     | 20  | 4    | 46     | 40     | 0.3       | 2.3     | 0.46  | 94.9      | 125.5267 | 44.457  |
| 2009 | 6     | 20  | 4    | 56     | 40     | 0.3       | 2.3     | 0.45  | 96.7      | 125.7163 | 43.6691 |
| 2009 | 6     | 20  | 5    | 6      | 40     | 0.3       | 2.3     | 0.5   | 99.9      | 125.7163 | 47.3742 |
| 2009 | 6     | 20  | 5    | 16     | 40     | 0.3       | 2.3     | 0.48  | 98.2      | 125.7163 | 46.2341 |
| 2009 | 6     | 20  | 5    | 26     | 40     | 0.3       | 2.3     | 0.46  | 101.1     | 125.9059 | 44.0204 |
| 2009 | 6     | 20  | 5    | 36     | 40     | 0.3       | 2.3     | 0.45  | 100.9     | 125.9059 | 43.4495 |
| 2009 | 6     | 20  | 5    | 46     | 40     | 0.3       | 2.3     | 0.46  | 98.5      | 125.9059 | 44.8767 |
| 2009 | 6     | 20  | 5    | 56     | 40     | 0.3       | 2.3     | 0.5   | 97.1      | 126.0957 | 48.3747 |
| 2009 | 6     | 20  | 6    | 6      | 40     | 0.3       | 2.3     | 0.45  | 101       | 125.9059 | 43.1641 |
| 2009 | 6     | 20  | 6    | 16     | 40     | 0.3       | 2.3     | 0.45  | 97.5      | 125.9059 | 43.735  |
| 2009 | 6     | 20  | 6    | 26     | 40     | 0.3       | 2.3     | 0.45  | 96.7      | 126.0957 | 43.8009 |
| 2009 | 6     | 20  | 6    | 36     | 40     | 0.3       | 2.3     | 0.45  | 100.6     | 126.0957 | 43.2291 |
| 2009 | 6     | 20  | 6    | 46     | 40     | 0.3       | 2.3     | 0.51  | 104.8     | 126.0957 | 48.0889 |
| 2009 | 6     | 20  | 6    | 56     | 40     | 0.3       | 2.3     | 0.5   | 94.9      | 126.0957 | 48.6606 |
| 2009 | 6     | 20  | 7    | 6      | 40     | 0.3       | 2.3     | 0.48  | 101.1     | 126.0957 | 45.8019 |
| 2009 | 6     | 20  | 7    | 16     | 40     | 0.3       | 2.3     | 0.42  | 91.8      | 126.0957 | 41.7998 |
| 2009 | 6     | 20  | 7    | 26     | 40     | 0.3       | 2.3     | 0.48  | 100.2     | 126.0957 | 46.3737 |
| 2009 | 6     | 20  | 7    | 36     | 40     | 0.3       | 2.3     | 0.44  | 97.2      | 125.9059 | 43.1641 |
| 2009 | 6     | 20  | 7    | 46     | 40     | 0.3       | 2.3     | 0.44  | 96.4      | 125.9059 | 43.1641 |
| 2009 | 6     | 20  | 7    | 56     | 40     | 0.3       | 2.3     | 0.42  | 100.9     | 125.9059 | 40.5952 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 20  | 8    | 6      | 40     | 0.3       | 2.3     | 0.39  | 95.4      | 125.9059 | 38.3117 |
| 2009 | 6     | 20  | 8    | 16     | 40     | 0.3       | 2.3     | 0.46  | 101.1     | 125.9059 | 44.0204 |
| 2009 | 6     | 20  | 8    | 26     | 40     | 0.3       | 2.3     | 0.44  | 98.2      | 125.9059 | 42.5932 |
| 2009 | 6     | 20  | 8    | 36     | 40     | 0.3       | 2.3     | 0.47  | 98.8      | 125.9059 | 45.4476 |
| 2009 | 6     | 20  | 8    | 46     | 40     | 0.3       | 2.3     | 0.45  | 99.3      | 125.7163 | 43.0991 |
| 2009 | 6     | 20  | 8    | 56     | 40     | 0.3       | 2.3     | 0.44  | 99.1      | 125.9059 | 42.3078 |
| 2009 | 6     | 20  | 9    | 6      | 40     | 0.3       | 2.3     | 0.48  | 97        | 125.5267 | 46.449  |
| 2009 | 6     | 20  | 9    | 16     | 40     | 0.3       | 2.3     | 0.44  | 98.5      | 125.5267 | 43.0341 |
| 2009 | 6     | 20  | 9    | 26     | 40     | 0.3       | 2.3     | 0.48  | 104.2     | 125.3372 | 45.2423 |
| 2009 | 6     | 20  | 9    | 36     | 40     | 0.3       | 2.3     | 0.47  | 97.6      | 125.3372 | 45.2423 |
| 2009 | 6     | 20  | 9    | 46     | 40     | 0.3       | 2.3     | 0.43  | 99.2      | 125.3372 | 41.8325 |
| 2009 | 6     | 20  | 9    | 56     | 40     | 0.3       | 2.3     | 0.48  | 99.5      | 125.3372 | 45.8106 |
| 2009 | 6     | 20  | 10   | 6      | 40     | 0.3       | 2.3     | 0.44  | 98.9      | 125.3372 | 42.9691 |
| 2009 | 6     | 20  | 10   | 16     | 40     | 0.3       | 2.3     | 0.48  | 99.9      | 125.1479 | 45.4577 |
| 2009 | 6     | 20  | 10   | 26     | 40     | 0.3       | 2.3     | 0.45  | 97.9      | 125.1479 | 43.7554 |
| 2009 | 6     | 20  | 10   | 36     | 40     | 0.3       | 2.3     | 0.44  | 99.1      | 125.1479 | 42.053  |
| 2009 | 6     | 20  | 10   | 46     | 40     | 0.3       | 2.3     | 0.47  | 102.9     | 125.1479 | 44.6065 |
| 2009 | 6     | 20  | 10   | 56     | 40     | 0.3       | 2.3     | 0.42  | 100       | 125.1479 | 40.3507 |
| 2009 | 6     | 20  | 11   | 6      | 40     | 0.3       | 2.3     | 0.45  | 98.8      | 125.1479 | 43.1879 |
| 2009 | 6     | 20  | 11   | 16     | 40     | 0.3       | 2.3     | 0.43  | 98.4      | 125.1479 | 41.4856 |
| 2009 | 6     | 20  | 11   | 26     | 40     | 0.3       | 2.3     | 0.44  | 102.4     | 125.1479 | 42.3368 |
| 2009 | 6     | 20  | 11   | 36     | 40     | 0.3       | 2.3     | 0.52  | 100.2     | 125.1479 | 48.8623 |
| 2009 | 6     | 20  | 11   | 46     | 40     | 0.3       | 2.3     | 0.43  | 98.9      | 125.1479 | 41.2019 |
| 2009 | 6     | 20  | 11   | 56     | 40     | 0.3       | 2.3     | 0.45  | 96.7      | 125.1479 | 43.7554 |
| 2009 | 6     | 20  | 12   | 6      | 40     | 0.3       | 2.3     | 0.43  | 97.8      | 125.1479 | 42.053  |
| 2009 | 6     | 20  | 12   | 16     | 40     | 0.3       | 2.3     | 0.46  | 96.6      | 125.1479 | 44.3228 |
| 2009 | 6     | 20  | 12   | 26     | 40     | 0.3       | 2.3     | 0.47  | 102.4     | 124.9585 | 44.8223 |
| 2009 | 6     | 20  | 12   | 36     | 40     | 0.3       | 2.3     | 0.48  | 98.6      | 124.9585 | 46.2388 |
| 2009 | 6     | 20  | 12   | 46     | 40     | 0.3       | 2.3     | 0.48  | 99.8      | 124.9585 | 45.9555 |
| 2009 | 6     | 20  | 12   | 56     | 40     | 0.3       | 2.3     | 0.46  | 102.3     | 124.9585 | 43.9725 |
| 2009 | 6     | 20  | 13   | 6      | 40     | 0.3       | 2.3     | 0.47  | 96.5      | 124.9585 | 44.8223 |
| 2009 | 6     | 20  | 13   | 16     | 40     | 0.3       | 2.3     | 0.52  | 101.7     | 124.9585 | 48.5051 |
| 2009 | 6     | 20  | 13   | 26     | 40     | 0.3       | 2.3     | 0.49  | 96.5      | 124.9585 | 47.0886 |
| 2009 | 6     | 20  | 13   | 36     | 40     | 0.3       | 2.3     | 0.51  | 95.9      | 124.9585 | 48.7884 |
| 2009 | 6     | 20  | 13   | 46     | 40     | 0.3       | 2.3     | 0.47  | 99.7      | 124.9585 | 44.8223 |
| 2009 | 6     | 20  | 13   | 56     | 40     | 0.3       | 2.3     | 0.45  | 99.2      | 124.9585 | 43.4059 |
| 2009 | 6     | 20  | 14   | 6      | 40     | 0.3       | 2.3     | 0.46  | 97.8      | 124.9585 | 43.9725 |
| 2009 | 6     | 20  | 14   | 16     | 40     | 0.3       | 2.3     | 0.47  | 100.8     | 124.9585 | 45.1056 |
| 2009 | 6     | 20  | 14   | 26     | 40     | 0.3       | 2       | 0.44  | 99        | 124.7694 | 42.4916 |
| 2009 | 6     | 20  | 14   | 36     | 40     | 0.3       | 2.3     | 0.5   | 98.6      | 124.9585 | 47.9385 |
| 2009 | 6     | 20  | 14   | 46     | 40     | 0.3       | 2.3     | 0.49  | 99.2      | 124.9585 | 46.8053 |
| 2009 | 6     | 20  | 14   | 56     | 40     | 0.3       | 2       | 0.5   | 100.1     | 124.7694 | 47.5831 |
| 2009 | 6     | 20  | 15   | 6      | 40     | 0.3       | 2.3     | 0.46  | 100.6     | 124.9585 | 44.2557 |
| 2009 | 6     | 20  | 15   | 16     | 40     | 0.3       | 2       | 0.43  | 97        | 124.7694 | 41.9259 |
| 2009 | 6     | 20  | 15   | 26     | 40     | 0.3       | 2       | 0.49  | 97        | 124.7694 | 46.4516 |
| 2009 | 6     | 20  | 15   | 36     | 40     | 0.3       | 2       | 0.53  | 97.8      | 124.7694 | 50.4117 |
| 2009 | 6     | 20  | 15   | 46     | 40     | 0.3       | 2       | 0.5   | 96.8      | 124.7694 | 47.3002 |
| 2009 | 6     | 20  | 15   | 56     | 40     | 0.3       | 2       | 0.44  | 103.8     | 124.7694 | 41.643  |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 20  | 16   | 6      | 40     | 0.3       | 2       | 0.47  | 98.9      | 124.7694 | 44.7545 |
| 2009 | 6     | 20  | 16   | 16     | 40     | 0.3       | 2       | 0.48  | 99        | 124.7694 | 45.8859 |
| 2009 | 6     | 20  | 16   | 26     | 40     | 0.3       | 2       | 0.5   | 98.7      | 124.7694 | 47.3002 |
| 2009 | 6     | 20  | 16   | 36     | 40     | 0.3       | 2       | 0.52  | 99.2      | 124.5802 | 48.6407 |
| 2009 | 6     | 20  | 16   | 46     | 40     | 0.3       | 2       | 0.45  | 100.8     | 124.7694 | 43.3402 |
| 2009 | 6     | 20  | 16   | 56     | 40     | 0.3       | 2       | 0.46  | 99        | 124.5802 | 44.1218 |
| 2009 | 6     | 20  | 17   | 6      | 40     | 0.3       | 2       | 0.47  | 96.5      | 124.5802 | 44.6866 |
| 2009 | 6     | 20  | 17   | 16     | 40     | 0.3       | 2       | 0.49  | 96.5      | 124.5802 | 46.9461 |
| 2009 | 6     | 20  | 17   | 26     | 40     | 0.3       | 2       | 0.5   | 98        | 124.5802 | 47.2285 |
| 2009 | 6     | 20  | 17   | 36     | 40     | 0.3       | 2       | 0.51  | 100.1     | 124.5802 | 47.7934 |
| 2009 | 6     | 20  | 17   | 46     | 40     | 0.3       | 2       | 0.46  | 97.3      | 124.5802 | 44.4042 |
| 2009 | 6     | 20  | 17   | 56     | 40     | 0.3       | 2       | 0.45  | 100       | 124.5802 | 43.2745 |
| 2009 | 6     | 20  | 18   | 6      | 40     | 0.3       | 2       | 0.5   | 92.6      | 124.5802 | 48.0758 |
| 2009 | 6     | 20  | 18   | 16     | 40     | 0.3       | 2       | 0.47  | 100.1     | 124.5802 | 44.4042 |
| 2009 | 6     | 20  | 18   | 26     | 40     | 0.3       | 2       | 0.45  | 99.2      | 124.5802 | 43.2745 |
| 2009 | 6     | 20  | 18   | 36     | 40     | 0.3       | 2       | 0.4   | 101.8     | 124.5802 | 38.7556 |
| 2009 | 6     | 20  | 18   | 46     | 40     | 0.3       | 2       | 0.44  | 97.3      | 124.5802 | 42.4272 |
| 2009 | 6     | 20  | 18   | 56     | 40     | 0.3       | 2       | 0.46  | 98.7      | 124.5802 | 43.8393 |
| 2009 | 6     | 20  | 19   | 6      | 40     | 0.3       | 2       | 0.43  | 106.5     | 124.5802 | 40.1677 |
| 2009 | 6     | 20  | 19   | 16     | 40     | 0.3       | 2       | 0.4   | 97.9      | 124.5802 | 39.3204 |
| 2009 | 6     | 20  | 19   | 26     | 40     | 0.3       | 2       | 0.48  | 99        | 124.5802 | 45.8163 |
| 2009 | 6     | 20  | 19   | 36     | 40     | 0.3       | 2       | 0.46  | 103.5     | 124.5802 | 43.5569 |
| 2009 | 6     | 20  | 19   | 46     | 40     | 0.3       | 2       | 0.5   | 99.2      | 124.5802 | 46.9461 |
| 2009 | 6     | 20  | 19   | 56     | 40     | 0.3       | 2       | 0.42  | 97.6      | 124.5802 | 40.7326 |
| 2009 | 6     | 20  | 20   | 6      | 40     | 0.3       | 2       | 0.45  | 101.5     | 124.5802 | 42.4272 |
| 2009 | 6     | 20  | 20   | 16     | 40     | 0.3       | 2       | 0.46  | 96.2      | 124.5802 | 43.8393 |
| 2009 | 6     | 20  | 20   | 26     | 40     | 0.3       | 2       | 0.45  | 98.7      | 124.5802 | 43.5569 |
| 2009 | 6     | 20  | 20   | 36     | 40     | 0.3       | 2       | 0.5   | 97.2      | 124.5802 | 47.5109 |
| 2009 | 6     | 20  | 20   | 46     | 40     | 0.3       | 2       | 0.52  | 104.3     | 124.5802 | 48.0758 |
| 2009 | 6     | 20  | 20   | 56     | 40     | 0.3       | 2       | 0.5   | 99.2      | 124.5802 | 46.9461 |
| 2009 | 6     | 20  | 21   | 6      | 40     | 0.3       | 2       | 0.44  | 99.5      | 124.5802 | 42.1447 |
| 2009 | 6     | 20  | 21   | 16     | 40     | 0.3       | 2       | 0.48  | 98.6      | 124.5802 | 46.0988 |
| 2009 | 6     | 20  | 21   | 26     | 40     | 0.3       | 2       | 0.45  | 98.8      | 124.5802 | 43.2745 |
| 2009 | 6     | 20  | 21   | 36     | 40     | 0.3       | 2       | 0.49  | 92.7      | 124.5802 | 46.6636 |
| 2009 | 6     | 20  | 21   | 46     | 40     | 0.3       | 2       | 0.41  | 99.8      | 124.5802 | 39.3204 |
| 2009 | 6     | 20  | 21   | 56     | 40     | 0.3       | 2       | 0.43  | 101.6     | 124.5802 | 40.7326 |
| 2009 | 6     | 20  | 22   | 6      | 40     | 0.3       | 2       | 0.42  | 99.9      | 124.5802 | 40.4502 |
| 2009 | 6     | 20  | 22   | 16     | 40     | 0.3       | 2       | 0.44  | 99.8      | 124.7694 | 42.4916 |
| 2009 | 6     | 20  | 22   | 26     | 40     | 0.3       | 2       | 0.5   | 100.6     | 124.5802 | 47.2285 |
| 2009 | 6     | 20  | 22   | 36     | 40     | 0.3       | 2       | 0.45  | 100       | 124.7694 | 43.3402 |
| 2009 | 6     | 20  | 22   | 46     | 40     | 0.3       | 2       | 0.43  | 99.8      | 124.5802 | 41.015  |
| 2009 | 6     | 20  | 22   | 56     | 40     | 0.3       | 2       | 0.49  | 98.9      | 124.5802 | 46.3812 |
| 2009 | 6     | 20  | 23   | 6      | 40     | 0.3       | 2       | 0.52  | 97.2      | 124.7694 | 49.5631 |
| 2009 | 6     | 20  | 23   | 16     | 40     | 0.3       | 2       | 0.44  | 103.2     | 124.7694 | 42.2087 |
| 2009 | 6     | 20  | 23   | 26     | 40     | 0.3       | 2       | 0.52  | 97.6      | 124.7694 | 49.5631 |
| 2009 | 6     | 20  | 23   | 36     | 40     | 0.3       | 2       | 0.41  | 104.8     | 124.5802 | 39.038  |
| 2009 | 6     | 20  | 23   | 46     | 40     | 0.3       | 2       | 0.49  | 98.1      | 124.7694 | 46.7345 |
| 2009 | 6     | 20  | 23   | 56     | 40     | 0.3       | 2       | 0.45  | 100.9     | 124.5802 | 42.992  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 21  | 0    | 6      | 40     | 0.3       | 2       | 0.45  | 101.7     | 124.5802 | 42.992  |
| 2009 | 6     | 21  | 0    | 16     | 40     | 0.3       | 2       | 0.51  | 97.4      | 124.5802 | 48.0758 |
| 2009 | 6     | 21  | 0    | 26     | 40     | 0.3       | 2       | 0.48  | 99.9      | 124.5802 | 45.2515 |
| 2009 | 6     | 21  | 0    | 36     | 40     | 0.3       | 2       | 0.46  | 103.1     | 124.5802 | 43.8393 |
| 2009 | 6     | 21  | 0    | 46     | 40     | 0.3       | 2       | 0.48  | 96.7      | 124.5802 | 45.5339 |
| 2009 | 6     | 21  | 0    | 56     | 40     | 0.3       | 2       | 0.48  | 96.6      | 124.5802 | 46.0988 |
| 2009 | 6     | 21  | 1    | 6      | 40     | 0.3       | 2       | 0.48  | 97.1      | 124.5802 | 45.8163 |
| 2009 | 6     | 21  | 1    | 16     | 40     | 0.3       | 2       | 0.49  | 98.8      | 124.5802 | 46.6636 |
| 2009 | 6     | 21  | 1    | 26     | 40     | 0.3       | 2       | 0.45  | 100.4     | 124.5802 | 43.2745 |
| 2009 | 6     | 21  | 1    | 36     | 40     | 0.3       | 2       | 0.46  | 103.9     | 124.5802 | 43.5569 |
| 2009 | 6     | 21  | 1    | 46     | 40     | 0.3       | 2       | 0.33  | 106.1     | 124.5802 | 32.2597 |
| 2009 | 6     | 21  | 1    | 56     | 40     | 0.3       | 2       | 0.43  | 102.2     | 124.5802 | 41.2975 |
| 2009 | 6     | 21  | 2    | 6      | 40     | 0.3       | 2       | 0.47  | 95.6      | 124.5802 | 44.969  |
| 2009 | 6     | 21  | 2    | 16     | 40     | 0.3       | 2       | 0.47  | 92.4      | 124.5802 | 45.2515 |
| 2009 | 6     | 21  | 2    | 26     | 40     | 0.3       | 2       | 0.4   | 100.8     | 124.5802 | 39.038  |
| 2009 | 6     | 21  | 2    | 36     | 40     | 0.3       | 2       | 0.49  | 100.1     | 124.5802 | 46.0988 |
| 2009 | 6     | 21  | 2    | 46     | 40     | 0.3       | 2       | 0.46  | 95.3      | 124.5802 | 44.4042 |
| 2009 | 6     | 21  | 2    | 56     | 40     | 0.3       | 2       | 0.45  | 97.9      | 124.5802 | 43.5569 |
| 2009 | 6     | 21  | 3    | 6      | 40     | 0.3       | 2       | 0.46  | 99.1      | 124.5802 | 43.5569 |
| 2009 | 6     | 21  | 3    | 16     | 40     | 0.3       | 2       | 0.51  | 98.5      | 124.5802 | 48.0758 |
| 2009 | 6     | 21  | 3    | 26     | 40     | 0.3       | 2       | 0.49  | 102       | 124.5802 | 46.0988 |
| 2009 | 6     | 21  | 3    | 36     | 40     | 0.3       | 2       | 0.48  | 101.1     | 124.5802 | 45.2515 |
| 2009 | 6     | 21  | 3    | 46     | 40     | 0.3       | 2       | 0.46  | 95.3      | 124.5802 | 44.4042 |
| 2009 | 6     | 21  | 3    | 56     | 40     | 0.3       | 2       | 0.5   | 102.1     | 124.5802 | 46.9461 |
| 2009 | 6     | 21  | 4    | 6      | 40     | 0.3       | 2       | 0.48  | 95.5      | 124.5802 | 45.8163 |
| 2009 | 6     | 21  | 4    | 16     | 40     | 0.3       | 2       | 0.48  | 99.8      | 124.5802 | 45.8163 |
| 2009 | 6     | 21  | 4    | 26     | 40     | 0.3       | 2       | 0.5   | 94.1      | 124.5802 | 48.0758 |
| 2009 | 6     | 21  | 4    | 36     | 40     | 0.3       | 2       | 0.5   | 100.5     | 124.5802 | 47.5109 |
| 2009 | 6     | 21  | 4    | 46     | 40     | 0.3       | 2       | 0.5   | 99        | 124.5802 | 47.7934 |
| 2009 | 6     | 21  | 4    | 56     | 40     | 0.3       | 2       | 0.46  | 97.4      | 124.5802 | 44.1218 |
| 2009 | 6     | 21  | 5    | 6      | 40     | 0.3       | 2       | 0.41  | 97.4      | 124.5802 | 39.8853 |
| 2009 | 6     | 21  | 5    | 16     | 40     | 0.3       | 2       | 0.48  | 101.5     | 124.5802 | 44.969  |
| 2009 | 6     | 21  | 5    | 26     | 40     | 0.3       | 2       | 0.48  | 95.9      | 124.5802 | 46.0988 |
| 2009 | 6     | 21  | 5    | 36     | 40     | 0.3       | 2       | 0.47  | 102.6     | 124.5802 | 44.1218 |
| 2009 | 6     | 21  | 5    | 46     | 40     | 0.3       | 2       | 0.43  | 100.2     | 124.5802 | 41.015  |
| 2009 | 6     | 21  | 5    | 56     | 40     | 0.3       | 2       | 0.43  | 101       | 124.5802 | 41.2975 |
| 2009 | 6     | 21  | 6    | 6      | 40     | 0.3       | 2       | 0.49  | 100       | 124.5802 | 46.6636 |
| 2009 | 6     | 21  | 6    | 16     | 40     | 0.3       | 2       | 0.49  | 105.3     | 124.5802 | 45.2515 |
| 2009 | 6     | 21  | 6    | 26     | 40     | 0.3       | 2       | 0.46  | 98.9      | 124.5802 | 44.4042 |
| 2009 | 6     | 21  | 6    | 36     | 40     | 0.3       | 2       | 0.49  | 98.5      | 124.5802 | 46.3812 |
| 2009 | 6     | 21  | 6    | 46     | 40     | 0.3       | 2       | 0.44  | 98.9      | 124.5802 | 42.7096 |
| 2009 | 6     | 21  | 6    | 56     | 40     | 0.3       | 2       | 0.5   | 97.9      | 124.5802 | 47.5109 |
| 2009 | 6     | 21  | 7    | 6      | 40     | 0.3       | 2       | 0.46  | 100.3     | 124.5802 | 43.8393 |
| 2009 | 6     | 21  | 7    | 16     | 40     | 0.3       | 2       | 0.5   | 96.5      | 124.5802 | 47.2285 |
| 2009 | 6     | 21  | 7    | 26     | 40     | 0.3       | 2       | 0.47  | 93.2      | 124.5802 | 45.5339 |
| 2009 | 6     | 21  | 7    | 36     | 40     | 0.3       | 2       | 0.48  | 96.3      | 124.5802 | 46.0988 |
| 2009 | 6     | 21  | 7    | 46     | 40     | 0.3       | 2       | 0.48  | 100.3     | 124.5802 | 45.2515 |
| 2009 | 6     | 21  | 7    | 56     | 40     | 0.3       | 2       | 0.47  | 100.8     | 124.5802 | 44.969  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 21  | 8    | 6      | 40     | 0.3       | 2       | 0.43  | 97.5      | 124.5802 | 41.5799 |
| 2009 | 6     | 21  | 8    | 16     | 40     | 0.3       | 2       | 0.53  | 100.3     | 124.5802 | 50.0528 |
| 2009 | 6     | 21  | 8    | 26     | 40     | 0.3       | 2       | 0.46  | 99.9      | 124.5802 | 43.8393 |
| 2009 | 6     | 21  | 8    | 36     | 40     | 0.3       | 2       | 0.49  | 99.7      | 124.5802 | 46.0988 |
| 2009 | 6     | 21  | 8    | 46     | 40     | 0.3       | 2       | 0.43  | 104.9     | 124.5802 | 41.015  |
| 2009 | 6     | 21  | 8    | 56     | 40     | 0.3       | 2       | 0.46  | 96.1      | 124.5802 | 44.4042 |
| 2009 | 6     | 21  | 9    | 6      | 40     | 0.3       | 2       | 0.5   | 99.9      | 124.5802 | 46.9461 |
| 2009 | 6     | 21  | 9    | 16     | 40     | 0.3       | 2       | 0.44  | 93        | 124.5802 | 42.4272 |
| 2009 | 6     | 21  | 9    | 26     | 40     | 0.3       | 2       | 0.48  | 100.3     | 124.5802 | 45.2515 |
| 2009 | 6     | 21  | 9    | 36     | 40     | 0.3       | 2       | 0.46  | 94.5      | 124.5802 | 44.6866 |
| 2009 | 6     | 21  | 9    | 46     | 40     | 0.3       | 2       | 0.45  | 97.2      | 124.5802 | 42.992  |
| 2009 | 6     | 21  | 9    | 56     | 40     | 0.3       | 2       | 0.46  | 92.9      | 124.5802 | 44.4042 |
| 2009 | 6     | 21  | 10   | 6      | 40     | 0.3       | 2       | 0.51  | 95.9      | 124.5802 | 48.6407 |
| 2009 | 6     | 21  | 10   | 16     | 40     | 0.3       | 2       | 0.47  | 103.4     | 124.5802 | 44.1218 |
| 2009 | 6     | 21  | 10   | 26     | 40     | 0.3       | 2       | 0.48  | 102.1     | 124.5802 | 45.5339 |
| 2009 | 6     | 21  | 10   | 36     | 40     | 0.3       | 2       | 0.5   | 98        | 124.5802 | 47.2285 |
| 2009 | 6     | 21  | 10   | 46     | 40     | 0.3       | 2       | 0.42  | 96.7      | 124.5802 | 40.7326 |
| 2009 | 6     | 21  | 10   | 56     | 40     | 0.3       | 2       | 0.47  | 95.2      | 124.5802 | 45.2515 |
| 2009 | 6     | 21  | 11   | 6      | 40     | 0.3       | 2       | 0.46  | 93.7      | 124.5802 | 44.4042 |
| 2009 | 6     | 21  | 11   | 16     | 40     | 0.3       | 2       | 0.49  | 98.4      | 124.5802 | 46.9461 |
| 2009 | 6     | 21  | 11   | 26     | 40     | 0.3       | 2       | 0.48  | 101.8     | 124.5802 | 45.2515 |
| 2009 | 6     | 21  | 11   | 36     | 40     | 0.3       | 2       | 0.51  | 101.2     | 124.5802 | 47.5109 |
| 2009 | 6     | 21  | 11   | 46     | 40     | 0.3       | 2       | 0.47  | 94.4      | 124.5802 | 44.969  |
| 2009 | 6     | 21  | 11   | 56     | 40     | 0.3       | 2       | 0.47  | 94.4      | 124.5802 | 45.2515 |
| 2009 | 6     | 21  | 12   | 6      | 40     | 0.3       | 2       | 0.44  | 98.9      | 124.5802 | 42.7096 |
| 2009 | 6     | 21  | 12   | 16     | 40     | 0.3       | 2       | 0.48  | 93.9      | 124.5802 | 46.3812 |
| 2009 | 6     | 21  | 12   | 26     | 40     | 0.3       | 2       | 0.43  | 90.9      | 124.5802 | 41.5799 |
| 2009 | 6     | 21  | 12   | 36     | 40     | 0.3       | 2       | 0.47  | 102.4     | 124.5802 | 44.6866 |
| 2009 | 6     | 21  | 12   | 46     | 40     | 0.3       | 2       | 0.47  | 98.8      | 124.5802 | 44.969  |
| 2009 | 6     | 21  | 12   | 56     | 40     | 0.3       | 2       | 0.44  | 99.1      | 124.3912 | 41.7988 |
| 2009 | 6     | 21  | 13   | 6      | 40     | 0.3       | 2       | 0.52  | 102.7     | 124.5802 | 48.6407 |
| 2009 | 6     | 21  | 13   | 16     | 40     | 0.3       | 2       | 0.45  | 92.1      | 124.3912 | 43.2088 |
| 2009 | 6     | 21  | 13   | 26     | 40     | 0.3       | 2       | 0.44  | 95.5      | 124.3912 | 42.9268 |
| 2009 | 6     | 21  | 13   | 36     | 40     | 0.3       | 2       | 0.45  | 102.5     | 124.5802 | 42.992  |
| 2009 | 6     | 21  | 13   | 46     | 40     | 0.3       | 2       | 0.45  | 99.2      | 124.3912 | 43.2088 |
| 2009 | 6     | 21  | 13   | 56     | 40     | 0.3       | 2       | 0.52  | 93.6      | 124.3912 | 49.4128 |
| 2009 | 6     | 21  | 14   | 6      | 40     | 0.3       | 2       | 0.48  | 97.9      | 124.2023 | 45.6773 |
| 2009 | 6     | 21  | 14   | 16     | 40     | 0.3       | 2       | 0.43  | 98.4      | 124.3912 | 41.2348 |
| 2009 | 6     | 21  | 14   | 26     | 40     | 0.3       | 2       | 0.43  | 102.3     | 124.2023 | 40.8906 |
| 2009 | 6     | 21  | 14   | 36     | 40     | 0.3       | 2       | 0.42  | 98.1      | 124.0134 | 40.2661 |
| 2009 | 6     | 21  | 14   | 46     | 40     | 0.3       | 2       | 0.45  | 97.5      | 124.2023 | 43.4247 |
| 2009 | 6     | 21  | 14   | 56     | 40     | 0.3       | 2       | 0.49  | 96.1      | 124.0134 | 46.7325 |
| 2009 | 6     | 21  | 15   | 6      | 40     | 0.3       | 2       | 0.47  | 96.5      | 124.0134 | 44.4833 |
| 2009 | 6     | 21  | 15   | 16     | 40     | 0.3       | 2       | 0.42  | 99.8      | 124.0134 | 40.5473 |
| 2009 | 6     | 21  | 15   | 26     | 40     | 0.3       | 2       | 0.44  | 96        | 124.0134 | 42.5153 |
| 2009 | 6     | 21  | 15   | 36     | 40     | 0.3       | 2       | 0.44  | 100.3     | 123.8246 | 41.8891 |
| 2009 | 6     | 21  | 15   | 46     | 40     | 0.3       | 2       | 0.47  | 98.4      | 124.0134 | 45.0456 |
| 2009 | 6     | 21  | 15   | 56     | 40     | 0.3       | 2       | 0.45  | 98.8      | 123.8246 | 43.012  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 21  | 16   | 6      | 40     | 0.3       | 2       | 0.48  | 95.8      | 123.8246 | 46.0999 |
| 2009 | 6     | 21  | 16   | 16     | 40     | 0.3       | 2       | 0.5   | 99        | 123.8246 | 47.2228 |
| 2009 | 6     | 21  | 16   | 26     | 40     | 0.3       | 2       | 0.46  | 96.5      | 123.8246 | 44.1349 |
| 2009 | 6     | 21  | 16   | 36     | 40     | 0.3       | 2       | 0.46  | 94.5      | 123.636  | 43.7873 |
| 2009 | 6     | 21  | 16   | 46     | 40     | 0.3       | 2       | 0.5   | 96.4      | 123.636  | 47.1508 |
| 2009 | 6     | 21  | 16   | 56     | 40     | 0.3       | 2       | 0.47  | 100.8     | 123.636  | 44.6282 |
| 2009 | 6     | 21  | 17   | 6      | 40     | 0.3       | 2       | 0.48  | 95.1      | 123.636  | 45.4691 |
| 2009 | 6     | 21  | 17   | 16     | 40     | 0.3       | 2       | 0.55  | 99.3      | 123.4474 | 50.997  |
| 2009 | 6     | 21  | 17   | 26     | 40     | 0.3       | 2       | 0.48  | 100.7     | 123.4474 | 44.84   |
| 2009 | 6     | 21  | 17   | 36     | 40     | 0.3       | 2       | 0.48  | 96.6      | 123.4474 | 45.6796 |
| 2009 | 6     | 21  | 17   | 46     | 40     | 0.3       | 2       | 0.53  | 97.5      | 123.4474 | 49.3178 |
| 2009 | 6     | 21  | 17   | 56     | 40     | 0.3       | 2       | 0.45  | 98.7      | 123.4474 | 43.1608 |
| 2009 | 6     | 21  | 18   | 6      | 40     | 0.3       | 2       | 0.49  | 97        | 123.2589 | 45.8893 |
| 2009 | 6     | 21  | 18   | 16     | 40     | 0.3       | 2       | 0.46  | 100.3     | 124.0134 | 43.6399 |
| 2009 | 6     | 21  | 18   | 26     | 40     | 0.3       | 2       | 0.47  | 91.2      | 123.2589 | 44.7715 |
| 2009 | 6     | 21  | 18   | 36     | 40     | 0.3       | 2       | 0.5   | 96.4      | 123.2589 | 47.007  |
| 2009 | 6     | 21  | 18   | 46     | 40     | 0.3       | 2       | 0.44  | 98.9      | 123.2589 | 42.2566 |
| 2009 | 6     | 21  | 18   | 56     | 40     | 0.3       | 2       | 0.49  | 101.2     | 123.2589 | 45.6098 |
| 2009 | 6     | 21  | 19   | 6      | 40     | 0.3       | 2       | 0.49  | 98.8      | 123.2589 | 46.1687 |
| 2009 | 6     | 21  | 19   | 16     | 40     | 0.3       | 2       | 0.43  | 97.5      | 123.2589 | 40.8594 |
| 2009 | 6     | 21  | 19   | 26     | 40     | 0.3       | 2       | 0.49  | 93.8      | 123.4474 | 46.799  |
| 2009 | 6     | 21  | 19   | 36     | 40     | 0.3       | 2       | 0.48  | 100.2     | 123.2589 | 45.051  |
| 2009 | 6     | 21  | 19   | 46     | 40     | 0.3       | 2       | 0.46  | 100.7     | 123.4474 | 43.1608 |
| 2009 | 6     | 21  | 19   | 56     | 40     | 0.3       | 2       | 0.45  | 98.8      | 123.4474 | 42.881  |
| 2009 | 6     | 21  | 20   | 6      | 40     | 0.3       | 2       | 0.49  | 98.9      | 123.4474 | 45.9594 |
| 2009 | 6     | 21  | 20   | 16     | 40     | 0.3       | 2       | 0.49  | 101.2     | 123.2589 | 45.6098 |
| 2009 | 6     | 21  | 20   | 26     | 40     | 0.3       | 2       | 0.47  | 102.9     | 123.2589 | 43.9332 |
| 2009 | 6     | 21  | 20   | 36     | 40     | 0.3       | 2       | 0.43  | 93.9      | 123.2589 | 41.4183 |
| 2009 | 6     | 21  | 20   | 46     | 40     | 0.3       | 2       | 0.47  | 98.5      | 123.2589 | 44.2127 |
| 2009 | 6     | 21  | 20   | 56     | 40     | 0.3       | 2       | 0.46  | 92.5      | 123.2589 | 43.9332 |
| 2009 | 6     | 21  | 21   | 6      | 40     | 0.3       | 2       | 0.43  | 98.7      | 123.2589 | 41.1389 |
| 2009 | 6     | 21  | 21   | 16     | 40     | 0.3       | 2       | 0.49  | 96.6      | 123.2589 | 45.8893 |
| 2009 | 6     | 21  | 21   | 26     | 40     | 0.3       | 2       | 0.45  | 99.7      | 123.2589 | 42.536  |
| 2009 | 6     | 21  | 21   | 36     | 40     | 0.3       | 2       | 0.54  | 98.1      | 123.4474 | 50.1574 |
| 2009 | 6     | 21  | 21   | 46     | 40     | 0.3       | 2       | 0.48  | 95.9      | 123.2589 | 45.6098 |
| 2009 | 6     | 21  | 21   | 56     | 40     | 0.3       | 2       | 0.47  | 98.5      | 123.4474 | 44.2803 |
| 2009 | 6     | 21  | 22   | 6      | 40     | 0.3       | 2       | 0.45  | 98.8      | 123.4474 | 42.881  |
| 2009 | 6     | 21  | 22   | 16     | 40     | 0.3       | 2       | 0.5   | 97.2      | 123.4474 | 47.0789 |
| 2009 | 6     | 21  | 22   | 26     | 40     | 0.3       | 2       | 0.51  | 95.2      | 123.4474 | 47.9185 |
| 2009 | 6     | 21  | 22   | 36     | 40     | 0.3       | 2       | 0.52  | 101.4     | 123.636  | 47.9917 |
| 2009 | 6     | 21  | 22   | 46     | 40     | 0.3       | 2       | 0.45  | 102.2     | 123.4474 | 42.3212 |
| 2009 | 6     | 21  | 22   | 56     | 40     | 0.3       | 2       | 0.45  | 97.2      | 123.636  | 42.6662 |
| 2009 | 6     | 21  | 23   | 6      | 40     | 0.3       | 2       | 0.46  | 96.5      | 123.636  | 44.0676 |
| 2009 | 6     | 21  | 23   | 16     | 40     | 0.3       | 2       | 0.43  | 92.6      | 123.636  | 41.8253 |
| 2009 | 6     | 21  | 23   | 26     | 40     | 0.3       | 2       | 0.48  | 100.9     | 123.8246 | 45.5385 |
| 2009 | 6     | 21  | 23   | 36     | 40     | 0.3       | 2       | 0.51  | 99.9      | 124.0134 | 48.1382 |
| 2009 | 6     | 21  | 23   | 46     | 40     | 0.3       | 2       | 0.44  | 96.9      | 123.8246 | 41.8891 |
| 2009 | 6     | 21  | 23   | 56     | 40     | 0.3       | 2       | 0.49  | 98.5      | 124.0134 | 46.1702 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 22  | 0    | 6      | 40     | 0.3       | 2       | 0.46  | 92.4      | 124.0134 | 44.4833 |
| 2009 | 6     | 22  | 0    | 16     | 40     | 0.3       | 2       | 0.43  | 97        | 124.0134 | 41.3907 |
| 2009 | 6     | 22  | 0    | 26     | 40     | 0.3       | 2       | 0.46  | 102       | 124.0134 | 43.3587 |
| 2009 | 6     | 22  | 0    | 36     | 40     | 0.3       | 2       | 0.5   | 97.9      | 124.0134 | 47.5759 |
| 2009 | 6     | 22  | 0    | 46     | 40     | 0.3       | 2       | 0.43  | 101.4     | 124.0134 | 41.1096 |
| 2009 | 6     | 22  | 0    | 56     | 40     | 0.3       | 2       | 0.45  | 100.6     | 124.0134 | 42.5153 |
| 2009 | 6     | 22  | 1    | 6      | 40     | 0.3       | 2       | 0.43  | 97.1      | 124.0134 | 41.1096 |
| 2009 | 6     | 22  | 1    | 16     | 40     | 0.3       | 2       | 0.44  | 97.3      | 124.0134 | 41.953  |
| 2009 | 6     | 22  | 1    | 26     | 40     | 0.3       | 2       | 0.41  | 104.3     | 124.0134 | 39.1415 |
| 2009 | 6     | 22  | 1    | 36     | 40     | 0.3       | 2       | 0.45  | 95        | 124.0134 | 43.3587 |
| 2009 | 6     | 22  | 1    | 46     | 40     | 0.3       | 2       | 0.44  | 97.7      | 124.0134 | 42.2341 |
| 2009 | 6     | 22  | 1    | 56     | 40     | 0.3       | 2       | 0.45  | 97.5      | 124.0134 | 43.0776 |
| 2009 | 6     | 22  | 2    | 6      | 40     | 0.3       | 2       | 0.44  | 99.5      | 124.0134 | 41.953  |
| 2009 | 6     | 22  | 2    | 16     | 40     | 0.3       | 2       | 0.46  | 103.6     | 124.0134 | 43.0776 |
| 2009 | 6     | 22  | 2    | 26     | 40     | 0.3       | 2       | 0.51  | 100.7     | 124.0134 | 48.1382 |
| 2009 | 6     | 22  | 2    | 36     | 40     | 0.3       | 2       | 0.44  | 98.9      | 124.0134 | 42.5153 |
| 2009 | 6     | 22  | 2    | 46     | 40     | 0.3       | 2       | 0.42  | 99.5      | 124.0134 | 40.2661 |
| 2009 | 6     | 22  | 2    | 56     | 40     | 0.3       | 2       | 0.4   | 107       | 124.0134 | 38.0169 |
| 2009 | 6     | 22  | 3    | 6      | 40     | 0.3       | 2       | 0.43  | 100.6     | 124.0134 | 40.8284 |
| 2009 | 6     | 22  | 3    | 16     | 40     | 0.3       | 2       | 0.41  | 107.3     | 124.0134 | 38.2981 |
| 2009 | 6     | 22  | 3    | 26     | 40     | 0.3       | 2       | 0.43  | 102.3     | 124.0134 | 40.8284 |
| 2009 | 6     | 22  | 3    | 36     | 40     | 0.3       | 2       | 0.5   | 98.2      | 124.0134 | 47.5759 |
| 2009 | 6     | 22  | 3    | 46     | 40     | 0.3       | 2       | 0.43  | 102.8     | 124.2023 | 40.8906 |
| 2009 | 6     | 22  | 3    | 56     | 40     | 0.3       | 2       | 0.47  | 102.2     | 124.0134 | 43.921  |
| 2009 | 6     | 22  | 4    | 6      | 40     | 0.3       | 2       | 0.45  | 96.3      | 124.0134 | 43.0776 |
| 2009 | 6     | 22  | 4    | 16     | 40     | 0.3       | 2       | 0.42  | 101.8     | 124.0134 | 39.7038 |
| 2009 | 6     | 22  | 4    | 26     | 40     | 0.3       | 2       | 0.41  | 97        | 124.2023 | 39.4827 |
| 2009 | 6     | 22  | 4    | 36     | 40     | 0.3       | 2       | 0.49  | 96.1      | 124.2023 | 46.8036 |
| 2009 | 6     | 22  | 4    | 46     | 40     | 0.3       | 2       | 0.48  | 95.9      | 124.2023 | 45.9589 |
| 2009 | 6     | 22  | 4    | 56     | 40     | 0.3       | 2       | 0.5   | 103       | 124.2023 | 46.2405 |
| 2009 | 6     | 22  | 5    | 6      | 40     | 0.3       | 2       | 0.41  | 97.9      | 124.2023 | 39.4827 |
| 2009 | 6     | 22  | 5    | 16     | 40     | 0.3       | 2       | 0.47  | 96.4      | 124.2023 | 45.1142 |
| 2009 | 6     | 22  | 5    | 26     | 40     | 0.3       | 2       | 0.49  | 93.8      | 124.2023 | 47.0852 |
| 2009 | 6     | 22  | 5    | 36     | 40     | 0.3       | 2       | 0.44  | 98.6      | 124.2023 | 42.0169 |
| 2009 | 6     | 22  | 5    | 46     | 40     | 0.3       | 2       | 0.48  | 100.2     | 124.2023 | 45.6773 |
| 2009 | 6     | 22  | 5    | 56     | 40     | 0.3       | 2       | 0.46  | 99.4      | 124.2023 | 43.9879 |
| 2009 | 6     | 22  | 6    | 6      | 40     | 0.3       | 2       | 0.43  | 102.8     | 124.2023 | 40.8906 |
| 2009 | 6     | 22  | 6    | 16     | 40     | 0.3       | 2       | 0.43  | 95.8      | 124.2023 | 41.1722 |
| 2009 | 6     | 22  | 6    | 26     | 40     | 0.3       | 2       | 0.49  | 97.7      | 124.2023 | 46.2405 |
| 2009 | 6     | 22  | 6    | 36     | 40     | 0.3       | 2       | 0.51  | 100.1     | 124.2023 | 47.6484 |
| 2009 | 6     | 22  | 6    | 46     | 40     | 0.3       | 2       | 0.55  | 102       | 124.2023 | 51.0272 |
| 2009 | 6     | 22  | 6    | 56     | 40     | 0.3       | 2       | 0.5   | 105.1     | 124.2023 | 46.5221 |
| 2009 | 6     | 22  | 7    | 6      | 40     | 0.3       | 2       | 0.41  | 103.4     | 124.2023 | 39.2011 |
| 2009 | 6     | 22  | 7    | 16     | 40     | 0.3       | 2       | 0.39  | 94.3      | 124.2023 | 38.638  |
| 2009 | 6     | 22  | 7    | 26     | 40     | 0.3       | 2       | 0.44  | 98.6      | 124.0134 | 41.953  |
| 2009 | 6     | 22  | 7    | 36     | 40     | 0.3       | 2       | 0.41  | 101.9     | 124.0134 | 39.4227 |
| 2009 | 6     | 22  | 7    | 46     | 40     | 0.3       | 2       | 0.46  | 100.6     | 124.0134 | 43.921  |
| 2009 | 6     | 22  | 7    | 56     | 40     | 0.3       | 2       | 0.46  | 97.7      | 124.0134 | 44.2022 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 22  | 8    | 6      | 40     | 0.3       | 2       | 0.5   | 99.9      | 124.0134 | 46.7325 |
| 2009 | 6     | 22  | 8    | 16     | 40     | 0.3       | 2       | 0.48  | 102.6     | 124.0134 | 45.0456 |
| 2009 | 6     | 22  | 8    | 26     | 40     | 0.3       | 2       | 0.45  | 97.5      | 124.0134 | 43.0776 |
| 2009 | 6     | 22  | 8    | 36     | 40     | 0.3       | 2       | 0.46  | 96.6      | 124.0134 | 43.6399 |
| 2009 | 6     | 22  | 8    | 46     | 40     | 0.3       | 2       | 0.49  | 98.5      | 124.0134 | 46.1702 |
| 2009 | 6     | 22  | 8    | 56     | 40     | 0.3       | 2       | 0.43  | 99.8      | 124.0134 | 40.8284 |
| 2009 | 6     | 22  | 9    | 6      | 40     | 0.3       | 2       | 0.48  | 101.1     | 124.0134 | 45.0456 |
| 2009 | 6     | 22  | 9    | 16     | 40     | 0.3       | 2       | 0.49  | 99.3      | 124.0134 | 46.1702 |
| 2009 | 6     | 22  | 9    | 26     | 40     | 0.3       | 2       | 0.43  | 101.3     | 124.0134 | 41.3907 |
| 2009 | 6     | 22  | 9    | 36     | 40     | 0.3       | 2       | 0.42  | 99        | 124.0134 | 40.2661 |
| 2009 | 6     | 22  | 9    | 46     | 40     | 0.3       | 2       | 0.45  | 97.2      | 124.0134 | 42.7964 |
| 2009 | 6     | 22  | 9    | 56     | 40     | 0.3       | 2       | 0.43  | 98.9      | 124.0134 | 40.8284 |
| 2009 | 6     | 22  | 10   | 6      | 40     | 0.3       | 2       | 0.47  | 96.1      | 124.0134 | 44.4833 |
| 2009 | 6     | 22  | 10   | 16     | 40     | 0.3       | 2       | 0.43  | 97        | 124.0134 | 41.3907 |
| 2009 | 6     | 22  | 10   | 26     | 40     | 0.3       | 2       | 0.49  | 100.9     | 124.0134 | 45.889  |
| 2009 | 6     | 22  | 10   | 36     | 40     | 0.3       | 2       | 0.49  | 106.6     | 124.0134 | 45.3267 |
| 2009 | 6     | 22  | 10   | 46     | 40     | 0.3       | 2       | 0.53  | 100.8     | 124.0134 | 49.2628 |
| 2009 | 6     | 22  | 10   | 56     | 40     | 0.3       | 2       | 0.44  | 98.6      | 124.0134 | 42.2341 |
| 2009 | 6     | 22  | 11   | 6      | 40     | 0.3       | 2       | 0.43  | 94.3      | 124.0134 | 41.953  |
| 2009 | 6     | 22  | 11   | 16     | 40     | 0.3       | 2       | 0.46  | 94.5      | 124.0134 | 44.2022 |
| 2009 | 6     | 22  | 11   | 26     | 40     | 0.3       | 2       | 0.43  | 105.5     | 124.0134 | 40.2661 |
| 2009 | 6     | 22  | 11   | 36     | 40     | 0.3       | 2       | 0.5   | 96.4      | 124.0134 | 47.5759 |
| 2009 | 6     | 22  | 11   | 46     | 40     | 0.3       | 2       | 0.49  | 101.6     | 124.0134 | 45.889  |
| 2009 | 6     | 22  | 11   | 56     | 40     | 0.3       | 2       | 0.44  | 97.7      | 124.0134 | 42.5153 |
| 2009 | 6     | 22  | 12   | 6      | 40     | 0.3       | 2       | 0.47  | 96.9      | 123.8246 | 44.4156 |
| 2009 | 6     | 22  | 12   | 16     | 40     | 0.3       | 2       | 0.43  | 93.5      | 123.8246 | 41.6084 |
| 2009 | 6     | 22  | 12   | 26     | 40     | 0.3       | 2       | 0.51  | 102.2     | 123.8246 | 47.7842 |
| 2009 | 6     | 22  | 12   | 36     | 40     | 0.3       | 2       | 0.47  | 101.6     | 123.636  | 44.3479 |
| 2009 | 6     | 22  | 12   | 46     | 40     | 0.3       | 2       | 0.48  | 100.5     | 123.4474 | 45.3997 |
| 2009 | 6     | 22  | 12   | 56     | 40     | 0.3       | 2       | 0.49  | 100       | 123.4474 | 45.9594 |
| 2009 | 6     | 22  | 13   | 6      | 40     | 0.3       | 2       | 0.5   | 99        | 123.2589 | 47.2864 |
| 2009 | 6     | 22  | 13   | 16     | 40     | 0.3       | 2       | 0.41  | 97.8      | 123.2589 | 39.4623 |
| 2009 | 6     | 22  | 13   | 26     | 40     | 0.3       | 2       | 0.47  | 101.3     | 123.2589 | 43.9332 |
| 2009 | 6     | 22  | 13   | 36     | 40     | 0.3       | 2       | 0.47  | 100       | 123.2589 | 44.4921 |
| 2009 | 6     | 22  | 13   | 46     | 40     | 0.3       | 2       | 0.46  | 97.8      | 123.2589 | 43.6538 |
| 2009 | 6     | 22  | 13   | 56     | 40     | 0.3       | 2       | 0.43  | 106.8     | 123.2589 | 40.0211 |
| 2009 | 6     | 22  | 14   | 6      | 40     | 0.3       | 2       | 0.54  | 95.6      | 123.0705 | 50.2833 |
| 2009 | 6     | 22  | 14   | 16     | 40     | 0.3       | 2       | 0.42  | 101.2     | 123.0705 | 39.96   |
| 2009 | 6     | 22  | 14   | 26     | 40     | 0.3       | 2       | 0.46  | 98.5      | 123.0705 | 43.8661 |
| 2009 | 6     | 22  | 14   | 36     | 40     | 0.3       | 2       | 0.45  | 97.1      | 123.0705 | 43.029  |
| 2009 | 6     | 22  | 14   | 46     | 40     | 0.3       | 2       | 0.49  | 94.6      | 123.0705 | 46.3771 |
| 2009 | 6     | 22  | 14   | 56     | 40     | 0.3       | 2       | 0.52  | 97.6      | 123.0705 | 48.6092 |
| 2009 | 6     | 22  | 15   | 6      | 40     | 0.3       | 2       | 0.49  | 100.8     | 123.0705 | 45.8191 |
| 2009 | 6     | 22  | 15   | 16     | 40     | 0.3       | 2       | 0.5   | 99.9      | 123.0705 | 46.3771 |
| 2009 | 6     | 22  | 15   | 26     | 40     | 0.3       | 2       | 0.44  | 98.9      | 123.0705 | 42.192  |
| 2009 | 6     | 22  | 15   | 36     | 40     | 0.3       | 2       | 0.45  | 101.4     | 122.8822 | 42.1275 |
| 2009 | 6     | 22  | 15   | 46     | 40     | 0.3       | 2       | 0.45  | 97.1      | 123.0705 | 42.75   |
| 2009 | 6     | 22  | 15   | 56     | 40     | 0.3       | 2       | 0.44  | 92.2      | 122.8822 | 41.8489 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 22  | 16   | 6      | 40     | 0.3       | 2       | 0.46  | 103.1     | 122.8822 | 42.9632 |
| 2009 | 6     | 22  | 16   | 16     | 40     | 0.3       | 2       | 0.42  | 99.9      | 122.8822 | 39.8988 |
| 2009 | 6     | 22  | 16   | 26     | 40     | 0.3       | 2       | 0.44  | 98.6      | 122.8822 | 41.5703 |
| 2009 | 6     | 22  | 16   | 36     | 40     | 0.3       | 2       | 0.49  | 95.4      | 122.8822 | 46.0276 |
| 2009 | 6     | 22  | 16   | 46     | 40     | 0.3       | 2       | 0.51  | 97.8      | 122.8822 | 47.4205 |
| 2009 | 6     | 22  | 16   | 56     | 40     | 0.3       | 2       | 0.42  | 97.2      | 122.8822 | 39.8988 |
| 2009 | 6     | 22  | 17   | 6      | 40     | 0.3       | 2       | 0.48  | 98.3      | 122.8822 | 44.9133 |
| 2009 | 6     | 22  | 17   | 16     | 40     | 0.3       | 2       | 0.47  | 96.4      | 122.8822 | 44.3561 |
| 2009 | 6     | 22  | 17   | 26     | 40     | 0.3       | 2       | 0.44  | 99.5      | 122.8822 | 41.5703 |
| 2009 | 6     | 22  | 17   | 36     | 40     | 0.3       | 2       | 0.5   | 94.5      | 122.8822 | 46.8633 |
| 2009 | 6     | 22  | 17   | 46     | 40     | 0.3       | 2       | 0.44  | 97.3      | 122.8822 | 41.5703 |
| 2009 | 6     | 22  | 17   | 56     | 40     | 0.3       | 2       | 0.44  | 96.1      | 122.8822 | 41.5703 |
| 2009 | 6     | 22  | 18   | 6      | 40     | 0.3       | 2       | 0.51  | 97.1      | 122.694  | 47.3479 |
| 2009 | 6     | 22  | 18   | 16     | 40     | 0.3       | 2       | 0.5   | 101.8     | 122.8822 | 46.3062 |
| 2009 | 6     | 22  | 18   | 26     | 40     | 0.3       | 2       | 0.53  | 93.9      | 122.8822 | 49.3706 |
| 2009 | 6     | 22  | 18   | 36     | 40     | 0.3       | 2       | 0.43  | 99.7      | 122.694  | 40.6722 |
| 2009 | 6     | 22  | 18   | 46     | 40     | 0.3       | 2       | 0.45  | 98.8      | 122.694  | 42.6193 |
| 2009 | 6     | 22  | 18   | 56     | 40     | 0.3       | 2       | 0.41  | 99.8      | 122.8822 | 38.7845 |
| 2009 | 6     | 22  | 19   | 6      | 40     | 0.3       | 2       | 0.49  | 97.7      | 122.694  | 45.9571 |
| 2009 | 6     | 22  | 19   | 16     | 40     | 0.3       | 2       | 0.46  | 98.6      | 122.8822 | 43.5204 |
| 2009 | 6     | 22  | 19   | 26     | 40     | 0.3       | 2       | 0.47  | 96.4      | 122.8822 | 44.3561 |
| 2009 | 6     | 22  | 19   | 36     | 40     | 0.3       | 2       | 0.46  | 100.6     | 122.8822 | 43.5204 |
| 2009 | 6     | 22  | 19   | 46     | 40     | 0.3       | 2       | 0.46  | 97.4      | 122.8822 | 43.2418 |
| 2009 | 6     | 22  | 19   | 56     | 40     | 0.3       | 2       | 0.44  | 100.4     | 122.8822 | 41.2917 |
| 2009 | 6     | 22  | 20   | 6      | 40     | 0.3       | 2       | 0.49  | 98.8      | 122.8822 | 46.0276 |
| 2009 | 6     | 22  | 20   | 16     | 40     | 0.3       | 2       | 0.43  | 102.7     | 122.8822 | 40.7346 |
| 2009 | 6     | 22  | 20   | 26     | 40     | 0.3       | 2       | 0.46  | 102.8     | 122.8822 | 42.6846 |
| 2009 | 6     | 22  | 20   | 36     | 40     | 0.3       | 2       | 0.45  | 96.8      | 122.8822 | 42.406  |
| 2009 | 6     | 22  | 20   | 46     | 40     | 0.3       | 2       | 0.46  | 102       | 122.8822 | 42.9632 |
| 2009 | 6     | 22  | 20   | 56     | 40     | 0.3       | 2       | 0.42  | 97.1      | 122.8822 | 40.456  |
| 2009 | 6     | 22  | 21   | 6      | 40     | 0.3       | 2       | 0.49  | 95.4      | 122.8822 | 46.3062 |
| 2009 | 6     | 22  | 21   | 16     | 40     | 0.3       | 2       | 0.47  | 104       | 122.8822 | 43.7989 |
| 2009 | 6     | 22  | 21   | 26     | 40     | 0.3       | 2       | 0.5   | 93.4      | 122.8822 | 47.1419 |
| 2009 | 6     | 22  | 21   | 36     | 40     | 0.3       | 2       | 0.5   | 97.2      | 122.8822 | 46.8633 |
| 2009 | 6     | 22  | 21   | 46     | 40     | 0.3       | 2       | 0.44  | 106.3     | 122.8822 | 41.0131 |
| 2009 | 6     | 22  | 21   | 56     | 40     | 0.3       | 2       | 0.45  | 94.6      | 122.8822 | 43.2418 |
| 2009 | 6     | 22  | 22   | 6      | 40     | 0.3       | 2       | 0.45  | 98.7      | 122.8822 | 42.9632 |
| 2009 | 6     | 22  | 22   | 16     | 40     | 0.3       | 2       | 0.43  | 101.3     | 123.0705 | 41.076  |
| 2009 | 6     | 22  | 22   | 26     | 40     | 0.3       | 2       | 0.52  | 93.3      | 123.0705 | 48.6092 |
| 2009 | 6     | 22  | 22   | 36     | 40     | 0.3       | 2       | 0.44  | 100       | 123.0705 | 41.355  |
| 2009 | 6     | 22  | 22   | 46     | 40     | 0.3       | 2       | 0.47  | 96.5      | 122.8822 | 44.0775 |
| 2009 | 6     | 22  | 22   | 56     | 40     | 0.3       | 2       | 0.49  | 102.3     | 123.0705 | 45.8191 |
| 2009 | 6     | 22  | 23   | 6      | 40     | 0.3       | 2       | 0.47  | 98.5      | 123.0705 | 44.1451 |
| 2009 | 6     | 22  | 23   | 16     | 40     | 0.3       | 2       | 0.48  | 95.9      | 123.0705 | 45.2611 |
| 2009 | 6     | 22  | 23   | 26     | 40     | 0.3       | 2       | 0.44  | 96.9      | 123.2589 | 41.9772 |
| 2009 | 6     | 22  | 23   | 36     | 40     | 0.3       | 2       | 0.44  | 103.5     | 123.4474 | 40.9219 |
| 2009 | 6     | 22  | 23   | 46     | 40     | 0.3       | 2       | 0.46  | 96.5      | 123.636  | 44.0676 |
| 2009 | 6     | 22  | 23   | 56     | 40     | 0.3       | 2       | 0.46  | 99        | 123.636  | 43.7873 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 23  | 0    | 6      | 40     | 0.3       | 2       | 0.48  | 97.1      | 123.636  | 45.4691 |
| 2009 | 6     | 23  | 0    | 16     | 40     | 0.3       | 2       | 0.48  | 97        | 123.636  | 45.7494 |
| 2009 | 6     | 23  | 0    | 26     | 40     | 0.3       | 2       | 0.49  | 96.2      | 123.8246 | 46.3806 |
| 2009 | 6     | 23  | 0    | 36     | 40     | 0.3       | 2       | 0.48  | 97.8      | 123.8246 | 45.8192 |
| 2009 | 6     | 23  | 0    | 46     | 40     | 0.3       | 2       | 0.44  | 100.8     | 123.8246 | 41.6084 |
| 2009 | 6     | 23  | 0    | 56     | 40     | 0.3       | 2       | 0.5   | 98.3      | 123.8246 | 46.942  |
| 2009 | 6     | 23  | 1    | 6      | 40     | 0.3       | 2       | 0.44  | 98.9      | 124.0134 | 42.5153 |
| 2009 | 6     | 23  | 1    | 16     | 40     | 0.3       | 2       | 0.44  | 99        | 123.8246 | 42.1698 |
| 2009 | 6     | 23  | 1    | 26     | 40     | 0.3       | 2       | 0.44  | 99.8      | 124.0134 | 42.2341 |
| 2009 | 6     | 23  | 1    | 36     | 40     | 0.3       | 2       | 0.49  | 99.7      | 124.0134 | 45.889  |
| 2009 | 6     | 23  | 1    | 46     | 40     | 0.3       | 2       | 0.49  | 95.7      | 124.0134 | 47.0136 |
| 2009 | 6     | 23  | 1    | 56     | 40     | 0.3       | 2       | 0.45  | 103.1     | 124.0134 | 42.2341 |
| 2009 | 6     | 23  | 2    | 6      | 40     | 0.3       | 2       | 0.46  | 98.5      | 124.0134 | 44.2022 |
| 2009 | 6     | 23  | 2    | 16     | 40     | 0.3       | 2       | 0.47  | 101.2     | 124.0134 | 44.4833 |
| 2009 | 6     | 23  | 2    | 26     | 40     | 0.3       | 2       | 0.5   | 99.5      | 124.0134 | 46.7325 |
| 2009 | 6     | 23  | 2    | 36     | 40     | 0.3       | 2       | 0.47  | 96        | 124.0134 | 45.0456 |
| 2009 | 6     | 23  | 2    | 46     | 40     | 0.3       | 2       | 0.46  | 98.5      | 124.2023 | 44.2695 |
| 2009 | 6     | 23  | 2    | 56     | 40     | 0.3       | 2       | 0.48  | 99        | 124.2023 | 45.9589 |
| 2009 | 6     | 23  | 3    | 6      | 40     | 0.3       | 2       | 0.42  | 97.6      | 124.2023 | 40.609  |
| 2009 | 6     | 23  | 3    | 16     | 40     | 0.3       | 2       | 0.43  | 91.7      | 124.2023 | 42.0169 |
| 2009 | 6     | 23  | 3    | 26     | 40     | 0.3       | 2       | 0.44  | 99.1      | 124.2023 | 41.7353 |
| 2009 | 6     | 23  | 3    | 36     | 40     | 0.3       | 2       | 0.44  | 96.8      | 124.2023 | 42.58   |
| 2009 | 6     | 23  | 3    | 46     | 40     | 0.3       | 2       | 0.42  | 100.7     | 124.2023 | 40.609  |
| 2009 | 6     | 23  | 3    | 56     | 40     | 0.3       | 2       | 0.41  | 99.2      | 124.2023 | 39.7643 |
| 2009 | 6     | 23  | 4    | 6      | 40     | 0.3       | 2       | 0.45  | 102.6     | 124.2023 | 42.58   |
| 2009 | 6     | 23  | 4    | 16     | 40     | 0.3       | 2       | 0.51  | 102.6     | 124.2023 | 47.6484 |
| 2009 | 6     | 23  | 4    | 26     | 40     | 0.3       | 2       | 0.5   | 98.3      | 124.2023 | 47.0852 |
| 2009 | 6     | 23  | 4    | 36     | 40     | 0.3       | 2       | 0.47  | 98        | 124.2023 | 44.8326 |
| 2009 | 6     | 23  | 4    | 46     | 40     | 0.3       | 2       | 0.45  | 95        | 124.2023 | 43.4247 |
| 2009 | 6     | 23  | 4    | 56     | 40     | 0.3       | 2       | 0.49  | 99.6      | 124.2023 | 46.5221 |
| 2009 | 6     | 23  | 5    | 6      | 40     | 0.3       | 2       | 0.47  | 96.8      | 124.2023 | 44.8326 |
| 2009 | 6     | 23  | 5    | 16     | 40     | 0.3       | 2       | 0.5   | 98.3      | 124.2023 | 47.0852 |
| 2009 | 6     | 23  | 5    | 26     | 40     | 0.3       | 2       | 0.48  | 98.3      | 124.3912 | 45.4648 |
| 2009 | 6     | 23  | 5    | 36     | 40     | 0.3       | 2       | 0.45  | 100.4     | 124.3912 | 43.2088 |
| 2009 | 6     | 23  | 5    | 46     | 40     | 0.3       | 2       | 0.46  | 100.2     | 124.3912 | 44.0548 |
| 2009 | 6     | 23  | 5    | 56     | 40     | 0.3       | 2       | 0.5   | 99.5      | 124.3912 | 46.8748 |
| 2009 | 6     | 23  | 6    | 6      | 40     | 0.3       | 2       | 0.44  | 98.1      | 124.3912 | 42.3628 |
| 2009 | 6     | 23  | 6    | 16     | 40     | 0.3       | 2       | 0.46  | 99.9      | 124.3912 | 43.7728 |
| 2009 | 6     | 23  | 6    | 26     | 40     | 0.3       | 2       | 0.44  | 99.5      | 124.3912 | 42.0808 |
| 2009 | 6     | 23  | 6    | 36     | 40     | 0.3       | 2       | 0.51  | 102.2     | 124.3912 | 48.0028 |
| 2009 | 6     | 23  | 6    | 46     | 40     | 0.3       | 2       | 0.47  | 101.7     | 124.5802 | 44.4042 |
| 2009 | 6     | 23  | 6    | 56     | 40     | 0.3       | 2       | 0.51  | 98.2      | 124.5802 | 48.0758 |
| 2009 | 6     | 23  | 7    | 6      | 40     | 0.3       | 2       | 0.48  | 100.7     | 124.5802 | 45.2515 |
| 2009 | 6     | 23  | 7    | 16     | 40     | 0.3       | 2       | 0.48  | 98.3      | 124.5802 | 45.5339 |
| 2009 | 6     | 23  | 7    | 26     | 40     | 0.3       | 2       | 0.47  | 98        | 124.5802 | 45.2515 |
| 2009 | 6     | 23  | 7    | 36     | 40     | 0.3       | 2       | 0.47  | 102       | 124.5802 | 44.6866 |
| 2009 | 6     | 23  | 7    | 46     | 40     | 0.3       | 2       | 0.49  | 101.9     | 124.5802 | 46.3812 |
| 2009 | 6     | 23  | 7    | 56     | 40     | 0.3       | 2       | 0.45  | 94.2      | 124.7694 | 43.623  |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 23  | 8    | 6      | 40     | 0.3       | 2       | 0.4   | 97.1      | 124.7694 | 39.0973 |
| 2009 | 6     | 23  | 8    | 16     | 40     | 0.3       | 2       | 0.46  | 101.6     | 124.7694 | 43.623  |
| 2009 | 6     | 23  | 8    | 26     | 40     | 0.3       | 2       | 0.44  | 98.6      | 124.7694 | 42.2087 |
| 2009 | 6     | 23  | 8    | 36     | 40     | 0.3       | 2       | 0.52  | 97.6      | 124.7694 | 49.5631 |
| 2009 | 6     | 23  | 8    | 46     | 40     | 0.3       | 2.3     | 0.44  | 102.6     | 124.9585 | 41.7061 |
| 2009 | 6     | 23  | 8    | 56     | 40     | 0.3       | 2.3     | 0.51  | 101.5     | 124.9585 | 48.2218 |
| 2009 | 6     | 23  | 9    | 6      | 40     | 0.3       | 2.3     | 0.49  | 95.7      | 124.9585 | 47.0886 |
| 2009 | 6     | 23  | 9    | 16     | 40     | 0.3       | 2.3     | 0.44  | 98.6      | 125.1479 | 42.3368 |
| 2009 | 6     | 23  | 9    | 26     | 40     | 0.3       | 2.3     | 0.45  | 102.9     | 125.1479 | 43.1879 |
| 2009 | 6     | 23  | 9    | 36     | 40     | 0.3       | 2.3     | 0.51  | 102.6     | 125.1479 | 48.0111 |
| 2009 | 6     | 23  | 9    | 46     | 40     | 0.3       | 2.3     | 0.49  | 103.2     | 125.1479 | 46.0251 |
| 2009 | 6     | 23  | 9    | 56     | 40     | 0.3       | 2.3     | 0.47  | 106.5     | 125.1479 | 44.0391 |
| 2009 | 6     | 23  | 10   | 6      | 40     | 0.3       | 2.3     | 0.48  | 100.2     | 125.3372 | 46.0947 |
| 2009 | 6     | 23  | 10   | 16     | 40     | 0.3       | 2.3     | 0.48  | 99.9      | 125.3372 | 45.5265 |
| 2009 | 6     | 23  | 10   | 26     | 40     | 0.3       | 2.3     | 0.45  | 101.5     | 125.5267 | 42.7495 |
| 2009 | 6     | 23  | 10   | 36     | 40     | 0.3       | 2.3     | 0.54  | 102.6     | 125.7163 | 50.7942 |
| 2009 | 6     | 23  | 10   | 46     | 40     | 0.3       | 2.3     | 0.48  | 100.5     | 125.7163 | 46.2341 |
| 2009 | 6     | 23  | 10   | 56     | 40     | 0.3       | 2.3     | 0.46  | 96.6      | 125.7163 | 44.5241 |
| 2009 | 6     | 23  | 11   | 6      | 40     | 0.3       | 2.3     | 0.49  | 98.8      | 125.7163 | 47.3742 |
| 2009 | 6     | 23  | 11   | 16     | 40     | 0.3       | 2.3     | 0.46  | 94.9      | 125.7163 | 44.8091 |
| 2009 | 6     | 23  | 11   | 26     | 40     | 0.3       | 2.3     | 0.48  | 102.1     | 125.9059 | 46.0185 |
| 2009 | 6     | 23  | 11   | 36     | 40     | 0.3       | 2.3     | 0.44  | 98.9      | 125.9059 | 43.1641 |
| 2009 | 6     | 23  | 11   | 46     | 40     | 0.3       | 2.3     | 0.49  | 96.6      | 125.9059 | 46.8748 |
| 2009 | 6     | 23  | 11   | 56     | 40     | 0.3       | 2.3     | 0.51  | 98.9      | 125.9059 | 48.8728 |
| 2009 | 6     | 23  | 12   | 6      | 40     | 0.3       | 2.3     | 0.46  | 97        | 126.0957 | 44.6585 |
| 2009 | 6     | 23  | 12   | 16     | 40     | 0.3       | 2.3     | 0.46  | 98.6      | 126.0957 | 44.6585 |
| 2009 | 6     | 23  | 12   | 26     | 40     | 0.3       | 2.3     | 0.47  | 105.1     | 125.9059 | 44.0204 |
| 2009 | 6     | 23  | 12   | 36     | 40     | 0.3       | 2.3     | 0.52  | 95.8      | 126.0957 | 50.0899 |
| 2009 | 6     | 23  | 12   | 46     | 40     | 0.3       | 2.3     | 0.49  | 102.4     | 126.0957 | 46.6595 |
| 2009 | 6     | 23  | 12   | 56     | 40     | 0.3       | 2.3     | 0.48  | 103.2     | 125.9059 | 45.1621 |
| 2009 | 6     | 23  | 13   | 6      | 40     | 0.3       | 2.3     | 0.53  | 93.6      | 126.0957 | 50.9475 |
| 2009 | 6     | 23  | 13   | 16     | 40     | 0.3       | 2.3     | 0.5   | 96.4      | 125.9059 | 48.0165 |
| 2009 | 6     | 23  | 13   | 26     | 40     | 0.3       | 2.3     | 0.47  | 99.3      | 125.9059 | 45.1621 |
| 2009 | 6     | 23  | 13   | 36     | 40     | 0.3       | 2.3     | 0.46  | 92        | 125.9059 | 44.8767 |
| 2009 | 6     | 23  | 13   | 46     | 40     | 0.3       | 2.3     | 0.5   | 101.3     | 125.9059 | 47.7311 |
| 2009 | 6     | 23  | 13   | 56     | 40     | 0.3       | 2.3     | 0.48  | 95.5      | 126.2855 | 46.7298 |
| 2009 | 6     | 23  | 14   | 6      | 40     | 0.3       | 2.3     | 0.5   | 104.9     | 126.0957 | 46.9454 |
| 2009 | 6     | 23  | 14   | 16     | 40     | 0.3       | 2.3     | 0.49  | 96.1      | 126.0957 | 47.5171 |
| 2009 | 6     | 23  | 14   | 26     | 40     | 0.3       | 2.3     | 0.5   | 96.8      | 126.0957 | 47.803  |
| 2009 | 6     | 23  | 14   | 36     | 40     | 0.3       | 2.3     | 0.51  | 96.3      | 126.0957 | 48.6606 |
| 2009 | 6     | 23  | 14   | 46     | 40     | 0.3       | 2.3     | 0.49  | 100       | 126.0957 | 46.9454 |
| 2009 | 6     | 23  | 14   | 56     | 40     | 0.3       | 2.3     | 0.5   | 94.9      | 126.4754 | 48.5204 |
| 2009 | 6     | 23  | 15   | 6      | 40     | 0.3       | 2.3     | 0.5   | 93.8      | 126.0957 | 48.3747 |
| 2009 | 6     | 23  | 15   | 16     | 40     | 0.3       | 2.3     | 0.47  | 93.6      | 126.2855 | 45.5846 |
| 2009 | 6     | 23  | 15   | 26     | 40     | 0.3       | 2.3     | 0.43  | 98.3      | 126.0957 | 42.3715 |
| 2009 | 6     | 23  | 15   | 36     | 40     | 0.3       | 2.3     | 0.5   | 102.6     | 126.0957 | 47.2313 |
| 2009 | 6     | 23  | 15   | 46     | 40     | 0.3       | 2.3     | 0.51  | 98.9      | 126.2855 | 49.0202 |
| 2009 | 6     | 23  | 15   | 56     | 40     | 0.3       | 2.3     | 0.45  | 99.3      | 126.2855 | 43.2942 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 23  | 16   | 6      | 40     | 0.3       | 2.3     | 0.53  | 92.1      | 126.2855 | 51.3105 |
| 2009 | 6     | 23  | 16   | 16     | 40     | 0.3       | 2.3     | 0.49  | 96.6      | 126.2855 | 47.3024 |
| 2009 | 6     | 23  | 16   | 26     | 40     | 0.3       | 2.3     | 0.52  | 100.1     | 126.2855 | 49.8791 |
| 2009 | 6     | 23  | 16   | 36     | 40     | 0.3       | 2.3     | 0.46  | 94.9      | 126.4754 | 44.793  |
| 2009 | 6     | 23  | 16   | 46     | 40     | 0.3       | 2.3     | 0.45  | 98.8      | 126.2855 | 43.8668 |
| 2009 | 6     | 23  | 16   | 56     | 40     | 0.3       | 2.3     | 0.5   | 96        | 126.4754 | 48.5204 |
| 2009 | 6     | 23  | 17   | 6      | 40     | 0.3       | 2.3     | 0.5   | 101.3     | 126.4754 | 47.947  |
| 2009 | 6     | 23  | 17   | 16     | 40     | 0.3       | 2.3     | 0.44  | 94.7      | 126.4754 | 43.6461 |
| 2009 | 6     | 23  | 17   | 26     | 40     | 0.3       | 2.3     | 0.49  | 98.1      | 126.4754 | 47.0868 |
| 2009 | 6     | 23  | 17   | 36     | 40     | 0.3       | 2.3     | 0.49  | 98.8      | 126.2855 | 47.3024 |
| 2009 | 6     | 23  | 17   | 46     | 40     | 0.3       | 2.3     | 0.48  | 98.2      | 126.4754 | 46.5133 |
| 2009 | 6     | 23  | 17   | 56     | 40     | 0.3       | 2.3     | 0.46  | 99.1      | 126.4754 | 44.2195 |
| 2009 | 6     | 23  | 18   | 6      | 40     | 0.3       | 2.3     | 0.53  | 94.6      | 126.4754 | 50.8142 |
| 2009 | 6     | 23  | 18   | 16     | 40     | 0.3       | 2.3     | 0.5   | 96.4      | 126.6655 | 48.3062 |
| 2009 | 6     | 23  | 18   | 26     | 40     | 0.3       | 2.3     | 0.49  | 95.4      | 126.4754 | 47.6602 |
| 2009 | 6     | 23  | 18   | 36     | 40     | 0.3       | 2.3     | 0.48  | 92.3      | 126.6655 | 47.1575 |
| 2009 | 6     | 23  | 18   | 46     | 40     | 0.3       | 2.3     | 0.49  | 97.7      | 126.6655 | 47.4447 |
| 2009 | 6     | 23  | 18   | 56     | 40     | 0.3       | 2.3     | 0.45  | 98.7      | 126.8555 | 44.3524 |
| 2009 | 6     | 23  | 19   | 6      | 40     | 0.3       | 2.3     | 0.49  | 99.7      | 126.8555 | 47.2283 |
| 2009 | 6     | 23  | 19   | 16     | 40     | 0.3       | 2.3     | 0.47  | 94.4      | 126.8555 | 45.7904 |
| 2009 | 6     | 23  | 19   | 26     | 40     | 0.3       | 2.3     | 0.45  | 97.5      | 127.0457 | 44.4189 |
| 2009 | 6     | 23  | 19   | 36     | 40     | 0.3       | 2.3     | 0.53  | 98.9      | 127.0457 | 51.0434 |
| 2009 | 6     | 23  | 19   | 46     | 40     | 0.3       | 2.3     | 0.46  | 99        | 127.0457 | 44.9949 |
| 2009 | 6     | 23  | 19   | 56     | 40     | 0.3       | 2.3     | 0.47  | 95.2      | 127.0457 | 45.859  |
| 2009 | 6     | 23  | 20   | 6      | 40     | 0.3       | 2.3     | 0.49  | 98        | 127.0457 | 47.8751 |
| 2009 | 6     | 23  | 20   | 16     | 40     | 0.3       | 2.3     | 0.49  | 100.8     | 127.0457 | 47.2991 |
| 2009 | 6     | 23  | 20   | 26     | 40     | 0.3       | 2.3     | 0.49  | 96.2      | 127.0457 | 47.5871 |
| 2009 | 6     | 23  | 20   | 36     | 40     | 0.3       | 2.3     | 0.5   | 93.8      | 127.0457 | 48.4512 |
| 2009 | 6     | 23  | 20   | 46     | 40     | 0.3       | 2.3     | 0.5   | 96        | 127.0457 | 48.7392 |
| 2009 | 6     | 23  | 20   | 56     | 40     | 0.3       | 2.3     | 0.5   | 96        | 127.0457 | 48.4512 |
| 2009 | 6     | 23  | 21   | 6      | 40     | 0.3       | 2.3     | 0.53  | 97.1      | 127.0457 | 51.0434 |
| 2009 | 6     | 23  | 21   | 16     | 40     | 0.3       | 2.3     | 0.47  | 97.7      | 127.0457 | 45.571  |
| 2009 | 6     | 23  | 21   | 26     | 40     | 0.3       | 2.3     | 0.5   | 97.6      | 127.0457 | 48.1632 |
| 2009 | 6     | 23  | 21   | 36     | 40     | 0.3       | 2.3     | 0.56  | 97.7      | 127.236  | 54.0043 |
| 2009 | 6     | 23  | 21   | 46     | 40     | 0.3       | 2.3     | 0.46  | 98.2      | 127.236  | 44.7739 |
| 2009 | 6     | 23  | 21   | 56     | 40     | 0.3       | 2.3     | 0.47  | 94.8      | 127.236  | 46.5046 |
| 2009 | 6     | 23  | 22   | 6      | 40     | 0.3       | 2.3     | 0.51  | 92.2      | 127.236  | 49.6776 |
| 2009 | 6     | 23  | 22   | 16     | 40     | 0.3       | 2.3     | 0.48  | 103       | 127.236  | 46.2162 |
| 2009 | 6     | 23  | 22   | 26     | 40     | 0.3       | 2.3     | 0.49  | 96.5      | 127.4264 | 48.0186 |
| 2009 | 6     | 23  | 22   | 36     | 40     | 0.3       | 2.3     | 0.5   | 97.2      | 127.4264 | 48.5964 |
| 2009 | 6     | 23  | 22   | 46     | 40     | 0.3       | 2.3     | 0.49  | 97.4      | 127.4264 | 47.4408 |
| 2009 | 6     | 23  | 22   | 56     | 40     | 0.3       | 2.3     | 0.47  | 102.1     | 127.6169 | 45.4865 |
| 2009 | 6     | 23  | 23   | 6      | 40     | 0.3       | 2.3     | 0.45  | 102.5     | 127.6169 | 44.04   |
| 2009 | 6     | 23  | 23   | 16     | 40     | 0.3       | 2.3     | 0.5   | 96.4      | 127.8074 | 49.0314 |
| 2009 | 6     | 23  | 23   | 26     | 40     | 0.3       | 2.3     | 0.51  | 99.3      | 128.1888 | 49.4683 |
| 2009 | 6     | 23  | 23   | 36     | 40     | 0.3       | 2.3     | 0.5   | 99.4      | 128.3796 | 48.9599 |
| 2009 | 6     | 23  | 23   | 46     | 40     | 0.3       | 2.3     | 0.47  | 98.4      | 128.3796 | 46.6315 |
| 2009 | 6     | 23  | 23   | 56     | 40     | 0.3       | 2.3     | 0.52  | 96.9      | 128.5705 | 50.7815 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 24  | 0    | 6      | 40     | 0.3       | 2.3     | 0.51  | 94.1      | 128.5705 | 49.9071 |
| 2009 | 6     | 24  | 0    | 16     | 40     | 0.3       | 2.3     | 0.51  | 103.3     | 128.7615 | 49.3974 |
| 2009 | 6     | 24  | 0    | 26     | 40     | 0.3       | 2.3     | 0.47  | 97.2      | 128.7615 | 46.7702 |
| 2009 | 6     | 24  | 0    | 36     | 40     | 0.3       | 2.3     | 0.49  | 97.3      | 128.9526 | 48.5937 |
| 2009 | 6     | 24  | 0    | 46     | 40     | 0.3       | 2.3     | 0.48  | 99.8      | 128.9526 | 47.4243 |
| 2009 | 6     | 24  | 0    | 56     | 40     | 0.3       | 2.3     | 0.43  | 99.3      | 128.9526 | 42.4545 |
| 2009 | 6     | 24  | 1    | 6      | 40     | 0.3       | 2.3     | 0.53  | 100.3     | 128.9526 | 51.5171 |
| 2009 | 6     | 24  | 1    | 16     | 40     | 0.3       | 2.3     | 0.53  | 93.9      | 129.1438 | 52.1791 |
| 2009 | 6     | 24  | 1    | 26     | 40     | 0.3       | 2.3     | 0.48  | 99        | 129.1438 | 47.4947 |
| 2009 | 6     | 24  | 1    | 36     | 40     | 0.3       | 2.3     | 0.48  | 96.3      | 129.335  | 47.8582 |
| 2009 | 6     | 24  | 1    | 46     | 40     | 0.3       | 2.3     | 0.49  | 95.7      | 129.335  | 49.031  |
| 2009 | 6     | 24  | 1    | 56     | 40     | 0.3       | 2.3     | 0.48  | 94.7      | 129.5264 | 47.6354 |
| 2009 | 6     | 24  | 2    | 6      | 40     | 0.3       | 2.3     | 0.51  | 95.6      | 129.5264 | 50.2782 |
| 2009 | 6     | 24  | 2    | 16     | 40     | 0.3       | 2.3     | 0.51  | 96.7      | 129.9093 | 50.1323 |
| 2009 | 6     | 24  | 2    | 26     | 40     | 0.3       | 2.3     | 0.51  | 95.9      | 130.2927 | 50.5756 |
| 2009 | 6     | 24  | 2    | 36     | 40     | 0.3       | 2.3     | 0.47  | 98.4      | 130.4845 | 47.1003 |
| 2009 | 6     | 24  | 2    | 46     | 40     | 0.3       | 2.3     | 0.54  | 94.6      | 130.6763 | 53.3908 |
| 2009 | 6     | 24  | 2    | 56     | 40     | 0.3       | 2.3     | 0.47  | 98.4      | 130.8683 | 47.5355 |
| 2009 | 6     | 24  | 3    | 6      | 40     | 0.3       | 2.3     | 0.5   | 94.9      | 130.8683 | 49.909  |
| 2009 | 6     | 24  | 3    | 16     | 40     | 0.3       | 2.3     | 0.51  | 100.1     | 131.0604 | 50.2794 |
| 2009 | 6     | 24  | 3    | 26     | 40     | 0.3       | 2.3     | 0.53  | 101       | 131.0604 | 52.6563 |
| 2009 | 6     | 24  | 3    | 36     | 40     | 0.3       | 2.3     | 0.5   | 97.2      | 131.0604 | 49.6851 |
| 2009 | 6     | 24  | 3    | 46     | 40     | 0.3       | 2.3     | 0.47  | 99.7      | 131.2525 | 46.7824 |
| 2009 | 6     | 24  | 3    | 56     | 40     | 0.3       | 2.3     | 0.49  | 98.1      | 131.2525 | 48.8653 |
| 2009 | 6     | 24  | 4    | 6      | 40     | 0.3       | 2.3     | 0.46  | 98.7      | 131.4447 | 46.2549 |
| 2009 | 6     | 24  | 4    | 16     | 40     | 0.3       | 2.3     | 0.47  | 96        | 131.4447 | 47.7449 |
| 2009 | 6     | 24  | 4    | 26     | 40     | 0.3       | 2.3     | 0.52  | 99.8      | 131.637  | 51.9927 |
| 2009 | 6     | 24  | 4    | 36     | 40     | 0.3       | 2.3     | 0.5   | 95.3      | 131.637  | 50.5006 |
| 2009 | 6     | 24  | 4    | 46     | 40     | 0.3       | 2.3     | 0.51  | 99.7      | 132.0219 | 50.6482 |
| 2009 | 6     | 24  | 4    | 56     | 40     | 0.3       | 2.3     | 0.49  | 99.6      | 132.4071 | 49.5953 |
| 2009 | 6     | 24  | 5    | 6      | 40     | 0.3       | 2.3     | 0.48  | 97.5      | 132.5998 | 48.465  |
| 2009 | 6     | 24  | 5    | 16     | 40     | 0.3       | 2.3     | 0.51  | 101.2     | 132.7926 | 50.6429 |
| 2009 | 6     | 24  | 5    | 26     | 40     | 0.3       | 2.3     | 0.49  | 98.8      | 132.9855 | 50.1135 |
| 2009 | 6     | 24  | 5    | 36     | 40     | 0.3       | 2.3     | 0.51  | 103.3     | 132.9855 | 51.0179 |
| 2009 | 6     | 24  | 5    | 46     | 40     | 0.3       | 2.3     | 0.47  | 96.8      | 133.1785 | 48.3746 |
| 2009 | 6     | 24  | 5    | 56     | 40     | 0.3       | 2.3     | 0.47  | 96        | 133.1785 | 48.3746 |
| 2009 | 6     | 24  | 6    | 6      | 40     | 0.3       | 2.3     | 0.51  | 100.4     | 133.1785 | 51.3939 |
| 2009 | 6     | 24  | 6    | 16     | 40     | 0.3       | 2.3     | 0.44  | 102.1     | 133.1785 | 44.7516 |
| 2009 | 6     | 24  | 6    | 26     | 40     | 0.3       | 2.3     | 0.46  | 99.1      | 133.3716 | 46.6306 |
| 2009 | 6     | 24  | 6    | 36     | 40     | 0.3       | 2.3     | 0.45  | 101.8     | 133.3716 | 45.7235 |
| 2009 | 6     | 24  | 6    | 46     | 40     | 0.3       | 2.3     | 0.53  | 99.3      | 133.5647 | 53.3597 |
| 2009 | 6     | 24  | 6    | 56     | 40     | 0.3       | 2.3     | 0.46  | 101.6     | 133.5647 | 46.6981 |
| 2009 | 6     | 24  | 7    | 6      | 40     | 0.3       | 2.3     | 0.52  | 93.3      | 133.7579 | 52.8304 |
| 2009 | 6     | 24  | 7    | 16     | 40     | 0.3       | 2.3     | 0.52  | 99.8      | 133.7579 | 52.8304 |
| 2009 | 6     | 24  | 7    | 26     | 40     | 0.3       | 2.3     | 0.49  | 96.6      | 133.9513 | 50.1737 |
| 2009 | 6     | 24  | 7    | 36     | 40     | 0.3       | 2.3     | 0.51  | 96.7      | 134.1447 | 51.7667 |
| 2009 | 6     | 24  | 7    | 46     | 40     | 0.3       | 2.3     | 0.47  | 99.7      | 134.5317 | 47.9512 |
| 2009 | 6     | 24  | 7    | 56     | 40     | 0.3       | 2.3     | 0.48  | 103.4     | 134.7254 | 48.9365 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 24  | 8    | 6      | 40     | 0.3       | 2.3     | 0.54  | 97        | 134.9192 | 54.8184 |
| 2009 | 6     | 24  | 8    | 16     | 40     | 0.3       | 2.3     | 0.49  | 99.6      | 134.9192 | 50.5363 |
| 2009 | 6     | 24  | 8    | 26     | 40     | 0.3       | 2.3     | 0.54  | 95.3      | 135.113  | 55.2035 |
| 2009 | 6     | 24  | 8    | 36     | 40     | 0.3       | 2.3     | 0.49  | 99.3      | 135.113  | 50.3025 |
| 2009 | 6     | 24  | 8    | 46     | 40     | 0.3       | 2.3     | 0.53  | 99.2      | 135.3069 | 54.3625 |
| 2009 | 6     | 24  | 8    | 56     | 40     | 0.3       | 2.3     | 0.51  | 95.9      | 135.3069 | 52.522  |
| 2009 | 6     | 24  | 9    | 6      | 40     | 0.3       | 2.3     | 0.5   | 98.2      | 135.5009 | 51.9829 |
| 2009 | 6     | 24  | 9    | 16     | 40     | 0.3       | 2.3     | 0.53  | 96.4      | 135.5009 | 54.7476 |
| 2009 | 6     | 24  | 9    | 26     | 40     | 0.3       | 2.3     | 0.54  | 102       | 135.5009 | 54.4404 |
| 2009 | 6     | 24  | 9    | 36     | 40     | 0.3       | 2.3     | 0.51  | 91.5      | 135.5009 | 52.9045 |
| 2009 | 6     | 24  | 9    | 46     | 40     | 0.3       | 2.3     | 0.54  | 96.6      | 135.695  | 55.7489 |
| 2009 | 6     | 24  | 9    | 56     | 40     | 0.3       | 2.3     | 0.55  | 95.5      | 135.695  | 56.3642 |
| 2009 | 6     | 24  | 10   | 6      | 40     | 0.3       | 2.3     | 0.5   | 99.9      | 135.695  | 51.1345 |
| 2009 | 6     | 24  | 10   | 16     | 40     | 0.3       | 2.3     | 0.53  | 101.1     | 135.695  | 53.9031 |
| 2009 | 6     | 24  | 10   | 26     | 40     | 0.3       | 2.3     | 0.51  | 100.3     | 135.8892 | 52.748  |
| 2009 | 6     | 24  | 10   | 36     | 40     | 0.3       | 2.3     | 0.48  | 99.8      | 135.8892 | 49.9754 |
| 2009 | 6     | 24  | 10   | 46     | 40     | 0.3       | 2.3     | 0.48  | 98.6      | 135.8892 | 49.9754 |
| 2009 | 6     | 24  | 10   | 56     | 40     | 0.3       | 2.3     | 0.54  | 98.3      | 136.0834 | 55.9085 |
| 2009 | 6     | 24  | 11   | 6      | 40     | 0.3       | 2.3     | 0.51  | 97.4      | 136.0834 | 53.1319 |
| 2009 | 6     | 24  | 11   | 16     | 40     | 0.3       | 2.3     | 0.52  | 92.5      | 136.0834 | 54.366  |
| 2009 | 6     | 24  | 11   | 26     | 40     | 0.3       | 2.3     | 0.5   | 99.8      | 136.0834 | 51.8979 |
| 2009 | 6     | 24  | 11   | 36     | 40     | 0.3       | 2.3     | 0.58  | 94.8      | 136.0834 | 59.9191 |
| 2009 | 6     | 24  | 11   | 46     | 40     | 0.3       | 2.3     | 0.47  | 95.6      | 136.2778 | 49.8094 |
| 2009 | 6     | 24  | 11   | 56     | 40     | 0.3       | 2.3     | 0.52  | 100.5     | 136.2778 | 53.5168 |
| 2009 | 6     | 24  | 12   | 6      | 40     | 0.3       | 2.3     | 0.48  | 94.7      | 136.2778 | 50.7362 |
| 2009 | 6     | 24  | 12   | 16     | 40     | 0.3       | 2.3     | 0.51  | 95.9      | 136.4722 | 53.2837 |
| 2009 | 6     | 24  | 12   | 26     | 40     | 0.3       | 2.3     | 0.51  | 99.7      | 136.6667 | 52.4302 |
| 2009 | 6     | 24  | 12   | 36     | 40     | 0.3       | 2.3     | 0.53  | 101.2     | 136.6667 | 53.9793 |
| 2009 | 6     | 24  | 12   | 46     | 40     | 0.3       | 2.3     | 0.54  | 97.3      | 136.6667 | 55.8383 |
| 2009 | 6     | 24  | 12   | 56     | 40     | 0.3       | 2.3     | 0.58  | 97.5      | 136.4722 | 59.4715 |
| 2009 | 6     | 24  | 13   | 6      | 40     | 0.3       | 2.3     | 0.5   | 96        | 136.6667 | 52.4302 |
| 2009 | 6     | 24  | 13   | 16     | 40     | 0.3       | 2.3     | 0.53  | 98.2      | 136.8613 | 54.987  |
| 2009 | 6     | 24  | 13   | 26     | 40     | 0.3       | 2.3     | 0.5   | 97.2      | 136.6667 | 52.1203 |
| 2009 | 6     | 24  | 13   | 36     | 40     | 0.3       | 2.3     | 0.54  | 92.4      | 136.6667 | 56.1481 |
| 2009 | 6     | 24  | 13   | 46     | 40     | 0.3       | 2.3     | 0.5   | 99.8      | 136.6667 | 51.8105 |
| 2009 | 6     | 24  | 13   | 56     | 40     | 0.3       | 2.3     | 0.54  | 98.1      | 136.8613 | 55.6076 |
| 2009 | 6     | 24  | 14   | 6      | 40     | 0.3       | 2.3     | 0.51  | 96.2      | 136.8613 | 53.7459 |
| 2009 | 6     | 24  | 14   | 16     | 40     | 0.3       | 2.3     | 0.54  | 99.2      | 137.056  | 55.3759 |
| 2009 | 6     | 24  | 14   | 26     | 40     | 0.3       | 2.3     | 0.51  | 98.9      | 136.8613 | 53.1254 |
| 2009 | 6     | 24  | 14   | 36     | 40     | 0.3       | 2.3     | 0.45  | 97.1      | 137.056  | 47.9188 |
| 2009 | 6     | 24  | 14   | 46     | 40     | 0.3       | 2.3     | 0.5   | 94.9      | 136.8613 | 52.8151 |
| 2009 | 6     | 24  | 14   | 56     | 40     | 0.3       | 2.3     | 0.51  | 102.2     | 137.056  | 52.8902 |
| 2009 | 6     | 24  | 15   | 6      | 40     | 0.3       | 2.3     | 0.5   | 99.8      | 137.056  | 51.9581 |
| 2009 | 6     | 24  | 15   | 16     | 40     | 0.3       | 2.3     | 0.53  | 102.1     | 137.2508 | 54.8323 |
| 2009 | 6     | 24  | 15   | 26     | 40     | 0.3       | 2.3     | 0.53  | 94.6      | 137.2508 | 55.7658 |
| 2009 | 6     | 24  | 15   | 36     | 40     | 0.3       | 2.3     | 0.5   | 99.8      | 137.2508 | 52.0319 |
| 2009 | 6     | 24  | 15   | 46     | 40     | 0.3       | 2.3     | 0.56  | 97.8      | 137.056  | 57.8617 |
| 2009 | 6     | 24  | 15   | 56     | 40     | 0.3       | 2.3     | 0.55  | 99.3      | 137.056  | 56.3081 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 24  | 16   | 6      | 40     | 0.3       | 2.3     | 0.6   | 95.9      | 137.2508 | 62.3001 |
| 2009 | 6     | 24  | 16   | 16     | 40     | 0.3       | 2.3     | 0.52  | 100.2     | 137.2508 | 53.5877 |
| 2009 | 6     | 24  | 16   | 26     | 40     | 0.3       | 2.3     | 0.55  | 96.9      | 137.4456 | 56.7798 |
| 2009 | 6     | 24  | 16   | 36     | 40     | 0.3       | 2.3     | 0.57  | 98.3      | 137.2508 | 58.8774 |
| 2009 | 6     | 24  | 16   | 46     | 40     | 0.3       | 2.3     | 0.56  | 99.5      | 137.4456 | 57.403  |
| 2009 | 6     | 24  | 16   | 56     | 40     | 0.3       | 2.3     | 0.5   | 100.9     | 137.2508 | 52.3431 |
| 2009 | 6     | 24  | 17   | 6      | 40     | 0.3       | 2.3     | 0.54  | 100.5     | 137.2508 | 55.7658 |
| 2009 | 6     | 24  | 17   | 16     | 40     | 0.3       | 2.3     | 0.54  | 96.3      | 137.2508 | 56.3881 |
| 2009 | 6     | 24  | 17   | 26     | 40     | 0.3       | 2.3     | 0.54  | 98.1      | 137.4456 | 55.845  |
| 2009 | 6     | 24  | 17   | 36     | 40     | 0.3       | 2.3     | 0.55  | 96.9      | 137.2508 | 56.6993 |
| 2009 | 6     | 24  | 17   | 46     | 40     | 0.3       | 2.3     | 0.59  | 94.4      | 137.4456 | 61.4537 |
| 2009 | 6     | 24  | 17   | 56     | 40     | 0.3       | 2.3     | 0.54  | 94.9      | 137.4456 | 56.1566 |
| 2009 | 6     | 24  | 18   | 6      | 40     | 0.3       | 2.3     | 0.49  | 96.2      | 137.4456 | 51.171  |
| 2009 | 6     | 24  | 18   | 16     | 40     | 0.3       | 2.3     | 0.57  | 94.3      | 137.2508 | 58.8774 |
| 2009 | 6     | 24  | 18   | 26     | 40     | 0.3       | 2.3     | 0.53  | 99.3      | 137.4456 | 54.9102 |
| 2009 | 6     | 24  | 18   | 36     | 40     | 0.3       | 2.3     | 0.62  | 94.8      | 137.4456 | 64.2581 |
| 2009 | 6     | 24  | 18   | 46     | 40     | 0.3       | 2.3     | 0.53  | 97.8      | 137.4456 | 55.5334 |
| 2009 | 6     | 24  | 18   | 56     | 40     | 0.3       | 2.3     | 0.55  | 98.8      | 137.4456 | 57.403  |
| 2009 | 6     | 24  | 19   | 6      | 40     | 0.3       | 2.3     | 0.54  | 98.7      | 137.6406 | 56.5482 |
| 2009 | 6     | 24  | 19   | 16     | 40     | 0.3       | 2.3     | 0.58  | 97.1      | 137.6406 | 60.2927 |
| 2009 | 6     | 24  | 19   | 26     | 40     | 0.3       | 2.3     | 0.6   | 93.1      | 137.8356 | 62.5655 |
| 2009 | 6     | 24  | 19   | 36     | 40     | 0.3       | 2.3     | 0.53  | 94.6      | 137.8356 | 56.0034 |
| 2009 | 6     | 24  | 19   | 46     | 40     | 0.3       | 2.3     | 0.48  | 95.4      | 138.0307 | 51.3888 |
| 2009 | 6     | 24  | 19   | 56     | 40     | 0.3       | 2.3     | 0.54  | 99        | 138.0307 | 56.7085 |
| 2009 | 6     | 24  | 20   | 6      | 40     | 0.3       | 2.3     | 0.53  | 101       | 138.0307 | 55.1439 |
| 2009 | 6     | 24  | 20   | 16     | 40     | 0.3       | 2.3     | 0.53  | 97.5      | 138.0307 | 55.1439 |
| 2009 | 6     | 24  | 20   | 26     | 40     | 0.3       | 2.3     | 0.45  | 100       | 138.0307 | 47.9467 |
| 2009 | 6     | 24  | 20   | 36     | 40     | 0.3       | 2.3     | 0.51  | 97.7      | 138.0307 | 53.8922 |
| 2009 | 6     | 24  | 20   | 46     | 40     | 0.3       | 2.3     | 0.52  | 96.9      | 138.0307 | 54.5181 |
| 2009 | 6     | 24  | 20   | 56     | 40     | 0.3       | 2.3     | 0.59  | 97        | 138.2259 | 61.1759 |
| 2009 | 6     | 24  | 21   | 6      | 40     | 0.3       | 2.3     | 0.55  | 96.2      | 138.0307 | 57.6473 |
| 2009 | 6     | 24  | 21   | 16     | 40     | 0.3       | 2.3     | 0.53  | 96        | 138.2259 | 56.162  |
| 2009 | 6     | 24  | 21   | 26     | 40     | 0.3       | 2.3     | 0.54  | 100.4     | 138.2259 | 56.4754 |
| 2009 | 6     | 24  | 21   | 36     | 40     | 0.3       | 2.3     | 0.54  | 98        | 138.2259 | 56.4754 |
| 2009 | 6     | 24  | 21   | 46     | 40     | 0.3       | 2.3     | 0.59  | 102.1     | 138.2259 | 60.8625 |
| 2009 | 6     | 24  | 21   | 56     | 40     | 0.3       | 2.3     | 0.56  | 100.1     | 138.2259 | 58.0422 |
| 2009 | 6     | 24  | 22   | 6      | 40     | 0.3       | 2.3     | 0.53  | 93.6      | 138.2259 | 55.8486 |
| 2009 | 6     | 24  | 22   | 16     | 40     | 0.3       | 2.3     | 0.56  | 96.4      | 138.2259 | 58.3556 |
| 2009 | 6     | 24  | 22   | 26     | 40     | 0.3       | 2.3     | 0.51  | 97.8      | 138.2259 | 53.3417 |
| 2009 | 6     | 24  | 22   | 36     | 40     | 0.3       | 2.3     | 0.51  | 96.2      | 138.2259 | 54.2818 |
| 2009 | 6     | 24  | 22   | 46     | 40     | 0.3       | 2.3     | 0.51  | 99.3      | 138.2259 | 53.3417 |
| 2009 | 6     | 24  | 22   | 56     | 40     | 0.3       | 2.3     | 0.49  | 98.1      | 138.2259 | 51.7749 |
| 2009 | 6     | 24  | 23   | 6      | 40     | 0.3       | 2.3     | 0.54  | 95.2      | 138.2259 | 57.1021 |
| 2009 | 6     | 24  | 23   | 16     | 40     | 0.3       | 2.3     | 0.54  | 97.3      | 138.2259 | 56.4754 |
| 2009 | 6     | 24  | 23   | 26     | 40     | 0.3       | 2.3     | 0.54  | 95.2      | 138.4212 | 56.869  |
| 2009 | 6     | 24  | 23   | 36     | 40     | 0.3       | 2.3     | 0.54  | 99.1      | 138.4212 | 56.5552 |
| 2009 | 6     | 24  | 23   | 46     | 40     | 0.3       | 2.3     | 0.57  | 96        | 138.4212 | 59.3794 |
| 2009 | 6     | 24  | 23   | 56     | 40     | 0.3       | 2.3     | 0.55  | 95.8      | 138.4212 | 57.8104 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 25  | 0    | 6      | 40     | 0.3       | 2.3     | 0.5   | 95.6      | 138.4212 | 53.1032 |
| 2009 | 6     | 25  | 0    | 16     | 40     | 0.3       | 2.3     | 0.49  | 95.7      | 138.4212 | 52.4756 |
| 2009 | 6     | 25  | 0    | 26     | 40     | 0.3       | 2.3     | 0.52  | 102.3     | 138.4212 | 54.3585 |
| 2009 | 6     | 25  | 0    | 36     | 40     | 0.3       | 2.3     | 0.56  | 96.7      | 138.4212 | 58.7518 |
| 2009 | 6     | 25  | 0    | 46     | 40     | 0.3       | 2.3     | 0.58  | 96.8      | 138.4212 | 60.6347 |
| 2009 | 6     | 25  | 0    | 56     | 40     | 0.3       | 2.3     | 0.51  | 95.5      | 138.4212 | 54.3585 |
| 2009 | 6     | 25  | 1    | 6      | 40     | 0.3       | 2.3     | 0.55  | 93.1      | 138.4212 | 57.8104 |
| 2009 | 6     | 25  | 1    | 16     | 40     | 0.3       | 2.3     | 0.48  | 98.2      | 138.4212 | 51.2204 |
| 2009 | 6     | 25  | 1    | 26     | 40     | 0.3       | 2.3     | 0.56  | 98.7      | 138.4212 | 58.438  |
| 2009 | 6     | 25  | 1    | 36     | 40     | 0.3       | 2.3     | 0.52  | 98.3      | 138.4212 | 54.9861 |
| 2009 | 6     | 25  | 1    | 46     | 40     | 0.3       | 2.3     | 0.47  | 98.5      | 138.4212 | 49.6513 |
| 2009 | 6     | 25  | 1    | 56     | 40     | 0.3       | 2.3     | 0.52  | 95.4      | 138.4212 | 54.9861 |
| 2009 | 6     | 25  | 2    | 6      | 40     | 0.3       | 2.3     | 0.52  | 98        | 138.6166 | 54.7495 |
| 2009 | 6     | 25  | 2    | 16     | 40     | 0.3       | 2.3     | 0.58  | 96.8      | 138.6166 | 61.0345 |
| 2009 | 6     | 25  | 2    | 26     | 40     | 0.3       | 2.3     | 0.58  | 99        | 138.6166 | 60.7202 |
| 2009 | 6     | 25  | 2    | 36     | 40     | 0.3       | 2.3     | 0.57  | 95        | 138.6166 | 59.7775 |
| 2009 | 6     | 25  | 2    | 46     | 40     | 0.3       | 2.3     | 0.54  | 96.6      | 138.6166 | 56.9492 |
| 2009 | 6     | 25  | 2    | 56     | 40     | 0.3       | 2.3     | 0.56  | 94.1      | 138.6166 | 58.5205 |
| 2009 | 6     | 25  | 3    | 6      | 40     | 0.3       | 2.3     | 0.54  | 100.1     | 138.6166 | 56.3207 |
| 2009 | 6     | 25  | 3    | 16     | 40     | 0.3       | 2.3     | 0.57  | 100       | 138.6166 | 58.8347 |
| 2009 | 6     | 25  | 3    | 26     | 40     | 0.3       | 2.3     | 0.52  | 98        | 138.6166 | 54.7495 |
| 2009 | 6     | 25  | 3    | 36     | 40     | 0.3       | 2.3     | 0.53  | 106.3     | 138.812  | 53.8826 |
| 2009 | 6     | 25  | 3    | 46     | 40     | 0.3       | 2.3     | 0.49  | 96.9      | 138.812  | 52.3091 |
| 2009 | 6     | 25  | 3    | 56     | 40     | 0.3       | 2.3     | 0.58  | 97.8      | 139.0076 | 60.5764 |
| 2009 | 6     | 25  | 4    | 6      | 40     | 0.3       | 2.3     | 0.53  | 98.6      | 139.2032 | 55.6123 |
| 2009 | 6     | 25  | 4    | 16     | 40     | 0.3       | 2.3     | 0.5   | 99.1      | 139.2032 | 52.7721 |
| 2009 | 6     | 25  | 4    | 26     | 40     | 0.3       | 2.3     | 0.5   | 102.1     | 139.3989 | 52.5302 |
| 2009 | 6     | 25  | 4    | 36     | 40     | 0.3       | 2.3     | 0.55  | 97.3      | 139.3989 | 57.5867 |
| 2009 | 6     | 25  | 4    | 46     | 40     | 0.3       | 2.3     | 0.58  | 98.1      | 139.3989 | 60.7469 |
| 2009 | 6     | 25  | 4    | 56     | 40     | 0.3       | 2.3     | 0.56  | 92.7      | 139.5947 | 58.9334 |
| 2009 | 6     | 25  | 5    | 6      | 40     | 0.3       | 2.3     | 0.48  | 101.8     | 139.5947 | 50.7052 |
| 2009 | 6     | 25  | 5    | 16     | 40     | 0.3       | 2.3     | 0.53  | 101       | 139.5947 | 55.7687 |
| 2009 | 6     | 25  | 5    | 26     | 40     | 0.3       | 2.3     | 0.57  | 95.9      | 139.5947 | 60.5158 |
| 2009 | 6     | 25  | 5    | 36     | 40     | 0.3       | 2.3     | 0.51  | 99.6      | 139.7906 | 53.9455 |
| 2009 | 6     | 25  | 5    | 46     | 40     | 0.3       | 2.3     | 0.59  | 97.4      | 139.7906 | 61.8683 |
| 2009 | 6     | 25  | 5    | 56     | 40     | 0.3       | 2.3     | 0.51  | 97.4      | 139.7906 | 53.9455 |
| 2009 | 6     | 25  | 6    | 6      | 40     | 0.3       | 2.3     | 0.49  | 97.7      | 139.7906 | 52.3609 |
| 2009 | 6     | 25  | 6    | 16     | 40     | 0.3       | 2.3     | 0.54  | 97        | 139.7906 | 57.4315 |
| 2009 | 6     | 25  | 6    | 26     | 40     | 0.3       | 2.3     | 0.56  | 94.3      | 139.7906 | 59.6499 |
| 2009 | 6     | 25  | 6    | 36     | 40     | 0.3       | 2.3     | 0.54  | 95.2      | 139.7906 | 57.7485 |
| 2009 | 6     | 25  | 6    | 46     | 40     | 0.3       | 2.3     | 0.54  | 92.1      | 139.9865 | 57.5121 |
| 2009 | 6     | 25  | 6    | 56     | 40     | 0.3       | 2.3     | 0.52  | 95.4      | 139.9865 | 55.9253 |
| 2009 | 6     | 25  | 7    | 6      | 40     | 0.3       | 2.3     | 0.5   | 99.9      | 139.9865 | 52.7517 |
| 2009 | 6     | 25  | 7    | 16     | 40     | 0.3       | 2.3     | 0.48  | 98.2      | 139.9865 | 51.7996 |
| 2009 | 6     | 25  | 7    | 26     | 40     | 0.3       | 2.3     | 0.55  | 97.5      | 139.9865 | 58.4641 |
| 2009 | 6     | 25  | 7    | 36     | 40     | 0.3       | 2.3     | 0.54  | 98.7      | 139.9865 | 57.5121 |
| 2009 | 6     | 25  | 7    | 46     | 40     | 0.3       | 2.3     | 0.58  | 98.1      | 139.9865 | 61.3204 |
| 2009 | 6     | 25  | 7    | 56     | 40     | 0.3       | 2.3     | 0.62  | 98        | 139.9865 | 64.4939 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 25  | 8    | 6      | 40     | 0.3       | 2.3     | 0.52  | 97.2      | 139.9865 | 55.6079 |
| 2009 | 6     | 25  | 8    | 16     | 40     | 0.3       | 2.3     | 0.54  | 99.7      | 139.9865 | 57.1947 |
| 2009 | 6     | 25  | 8    | 26     | 40     | 0.3       | 2.3     | 0.54  | 100.9     | 139.9865 | 56.56   |
| 2009 | 6     | 25  | 8    | 36     | 40     | 0.3       | 2.3     | 0.57  | 99.6      | 140.1826 | 60.135  |
| 2009 | 6     | 25  | 8    | 46     | 40     | 0.3       | 2.3     | 0.52  | 96.6      | 140.1826 | 55.0502 |
| 2009 | 6     | 25  | 8    | 56     | 40     | 0.3       | 2.3     | 0.55  | 99.6      | 140.1826 | 58.2282 |
| 2009 | 6     | 25  | 9    | 6      | 40     | 0.3       | 2.3     | 0.55  | 95.5      | 140.1826 | 58.2282 |
| 2009 | 6     | 25  | 9    | 16     | 40     | 0.3       | 2.3     | 0.5   | 95.7      | 140.1826 | 53.4612 |
| 2009 | 6     | 25  | 9    | 26     | 40     | 0.3       | 2.3     | 0.53  | 99.6      | 140.1826 | 56.3214 |
| 2009 | 6     | 25  | 9    | 36     | 40     | 0.3       | 2.3     | 0.5   | 99.1      | 140.1826 | 53.1434 |
| 2009 | 6     | 25  | 9    | 46     | 40     | 0.3       | 2.3     | 0.55  | 97.3      | 140.1826 | 57.9104 |
| 2009 | 6     | 25  | 9    | 56     | 40     | 0.3       | 2.3     | 0.53  | 102.8     | 140.1826 | 55.6858 |
| 2009 | 6     | 25  | 10   | 6      | 40     | 0.3       | 2.3     | 0.53  | 96.1      | 140.3787 | 56.4002 |
| 2009 | 6     | 25  | 10   | 16     | 40     | 0.3       | 2.3     | 0.53  | 96.4      | 140.3787 | 56.7184 |
| 2009 | 6     | 25  | 10   | 26     | 40     | 0.3       | 2.3     | 0.54  | 99.1      | 140.3787 | 57.0367 |
| 2009 | 6     | 25  | 10   | 36     | 40     | 0.3       | 2.3     | 0.53  | 97.8      | 140.1826 | 56.3214 |
| 2009 | 6     | 25  | 10   | 46     | 40     | 0.3       | 2.3     | 0.5   | 96        | 140.1826 | 54.0968 |
| 2009 | 6     | 25  | 10   | 56     | 40     | 0.3       | 2.3     | 0.57  | 98.2      | 140.3787 | 60.5374 |
| 2009 | 6     | 25  | 11   | 6      | 40     | 0.3       | 2.3     | 0.56  | 95.7      | 140.3787 | 59.2644 |
| 2009 | 6     | 25  | 11   | 16     | 40     | 0.3       | 2.3     | 0.53  | 98.2      | 140.1826 | 56.3214 |
| 2009 | 6     | 25  | 11   | 26     | 40     | 0.3       | 2.3     | 0.52  | 99.4      | 140.1826 | 55.368  |
| 2009 | 6     | 25  | 11   | 36     | 40     | 0.3       | 2.3     | 0.56  | 96.4      | 140.1826 | 59.1816 |
| 2009 | 6     | 25  | 11   | 46     | 40     | 0.3       | 2.3     | 0.56  | 97.4      | 140.3787 | 59.2644 |
| 2009 | 6     | 25  | 11   | 56     | 40     | 0.3       | 2.3     | 0.56  | 97.1      | 140.3787 | 59.2644 |
| 2009 | 6     | 25  | 12   | 6      | 40     | 0.3       | 2.3     | 0.57  | 95.9      | 140.3787 | 60.5374 |
| 2009 | 6     | 25  | 12   | 16     | 40     | 0.3       | 2.3     | 0.56  | 96.4      | 140.3787 | 59.2644 |
| 2009 | 6     | 25  | 12   | 26     | 40     | 0.3       | 2.3     | 0.55  | 92.4      | 140.3787 | 58.6279 |
| 2009 | 6     | 25  | 12   | 36     | 40     | 0.3       | 2.3     | 0.53  | 95.7      | 140.3787 | 56.7184 |
| 2009 | 6     | 25  | 12   | 46     | 40     | 0.3       | 2.3     | 0.55  | 98.2      | 140.1826 | 58.546  |
| 2009 | 6     | 25  | 12   | 56     | 40     | 0.3       | 2.3     | 0.53  | 94.6      | 140.1826 | 56.957  |
| 2009 | 6     | 25  | 13   | 6      | 40     | 0.3       | 2.3     | 0.5   | 92.6      | 140.3787 | 53.8542 |
| 2009 | 6     | 25  | 13   | 16     | 40     | 0.3       | 2.3     | 0.51  | 95.9      | 140.1826 | 55.0502 |
| 2009 | 6     | 25  | 13   | 26     | 40     | 0.3       | 2.3     | 0.55  | 97.2      | 140.1826 | 58.2282 |
| 2009 | 6     | 25  | 13   | 36     | 40     | 0.3       | 2.3     | 0.55  | 98.6      | 140.1826 | 57.9104 |
| 2009 | 6     | 25  | 13   | 46     | 40     | 0.3       | 2.3     | 0.6   | 94.4      | 140.1826 | 62.9952 |
| 2009 | 6     | 25  | 13   | 56     | 40     | 0.3       | 2.3     | 0.56  | 95.7      | 140.1826 | 59.8172 |
| 2009 | 6     | 25  | 14   | 6      | 40     | 0.3       | 2.3     | 0.55  | 94.1      | 140.1826 | 58.8638 |
| 2009 | 6     | 25  | 14   | 16     | 40     | 0.3       | 2.3     | 0.55  | 93.4      | 140.1826 | 58.8638 |
| 2009 | 6     | 25  | 14   | 26     | 40     | 0.3       | 2.3     | 0.55  | 95.8      | 140.1826 | 58.8638 |
| 2009 | 6     | 25  | 14   | 36     | 40     | 0.3       | 2.3     | 0.59  | 97.7      | 140.1826 | 62.0418 |
| 2009 | 6     | 25  | 14   | 46     | 40     | 0.3       | 2.3     | 0.52  | 98.3      | 140.1826 | 55.6858 |
| 2009 | 6     | 25  | 14   | 56     | 40     | 0.3       | 2.3     | 0.55  | 92.1      | 140.1826 | 58.546  |
| 2009 | 6     | 25  | 15   | 6      | 40     | 0.3       | 2.3     | 0.53  | 98.5      | 140.1826 | 56.6392 |
| 2009 | 6     | 25  | 15   | 16     | 40     | 0.3       | 2.3     | 0.53  | 98.2      | 140.1826 | 56.0036 |
| 2009 | 6     | 25  | 15   | 26     | 40     | 0.3       | 2.3     | 0.49  | 92.7      | 140.1826 | 52.8256 |
| 2009 | 6     | 25  | 15   | 36     | 40     | 0.3       | 2.3     | 0.51  | 96.7      | 139.9865 | 54.0211 |
| 2009 | 6     | 25  | 15   | 46     | 40     | 0.3       | 2.3     | 0.51  | 97.4      | 140.1826 | 54.7324 |
| 2009 | 6     | 25  | 15   | 56     | 40     | 0.3       | 2.3     | 0.59  | 95.1      | 139.9865 | 62.5898 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 25  | 16   | 6      | 40     | 0.3       | 2.3     | 0.53  | 94.6      | 139.9865 | 56.2426 |
| 2009 | 6     | 25  | 16   | 16     | 40     | 0.3       | 2.3     | 0.57  | 95.9      | 139.9865 | 60.6856 |
| 2009 | 6     | 25  | 16   | 26     | 40     | 0.3       | 2.3     | 0.56  | 95.7      | 139.9865 | 59.7336 |
| 2009 | 6     | 25  | 16   | 36     | 40     | 0.3       | 2.3     | 0.55  | 98.6      | 139.9865 | 57.8294 |
| 2009 | 6     | 25  | 16   | 46     | 40     | 0.3       | 2.3     | 0.54  | 95.6      | 139.9865 | 57.1947 |
| 2009 | 6     | 25  | 16   | 56     | 40     | 0.3       | 2.3     | 0.58  | 96.5      | 139.7906 | 60.9176 |
| 2009 | 6     | 25  | 17   | 6      | 40     | 0.3       | 2.3     | 0.57  | 97.6      | 139.7906 | 59.9669 |
| 2009 | 6     | 25  | 17   | 16     | 40     | 0.3       | 2.3     | 0.58  | 94.8      | 139.7906 | 61.5514 |
| 2009 | 6     | 25  | 17   | 26     | 40     | 0.3       | 2.3     | 0.55  | 95.1      | 139.9865 | 58.4641 |
| 2009 | 6     | 25  | 17   | 36     | 40     | 0.3       | 2.3     | 0.58  | 93.3      | 139.7906 | 60.9176 |
| 2009 | 6     | 25  | 17   | 46     | 40     | 0.3       | 2.3     | 0.58  | 92.9      | 139.7906 | 61.8683 |
| 2009 | 6     | 25  | 17   | 56     | 40     | 0.3       | 2.3     | 0.55  | 95.1      | 139.7906 | 58.3823 |
| 2009 | 6     | 25  | 18   | 6      | 40     | 0.3       | 2.3     | 0.53  | 97.4      | 139.5947 | 56.4017 |
| 2009 | 6     | 25  | 18   | 16     | 40     | 0.3       | 2.3     | 0.55  | 100.3     | 139.5947 | 57.6675 |
| 2009 | 6     | 25  | 18   | 26     | 40     | 0.3       | 2.3     | 0.53  | 98.6      | 139.7906 | 55.847  |
| 2009 | 6     | 25  | 18   | 36     | 40     | 0.3       | 2.3     | 0.56  | 97.1      | 139.7906 | 59.0161 |
| 2009 | 6     | 25  | 18   | 46     | 40     | 0.3       | 2.3     | 0.57  | 98.5      | 139.7906 | 60.2838 |
| 2009 | 6     | 25  | 18   | 56     | 40     | 0.3       | 2.3     | 0.6   | 93.4      | 139.5947 | 63.6805 |
| 2009 | 6     | 25  | 19   | 6      | 40     | 0.3       | 2.3     | 0.52  | 95.7      | 139.7906 | 55.847  |
| 2009 | 6     | 25  | 19   | 16     | 40     | 0.3       | 2.3     | 0.54  | 99        | 139.5947 | 57.3511 |
| 2009 | 6     | 25  | 19   | 26     | 40     | 0.3       | 2.3     | 0.53  | 96.4      | 139.7906 | 56.1639 |
| 2009 | 6     | 25  | 19   | 36     | 40     | 0.3       | 2.3     | 0.54  | 93.8      | 139.7906 | 57.7485 |
| 2009 | 6     | 25  | 19   | 46     | 40     | 0.3       | 2.3     | 0.51  | 100.4     | 140.1826 | 54.0968 |
| 2009 | 6     | 25  | 19   | 56     | 40     | 0.3       | 2.3     | 0.56  | 97.5      | 139.9865 | 58.7815 |
| 2009 | 6     | 25  | 20   | 6      | 40     | 0.3       | 2.3     | 0.58  | 96.8      | 140.1826 | 61.724  |
| 2009 | 6     | 25  | 20   | 16     | 40     | 0.3       | 2.3     | 0.51  | 95.2      | 140.1826 | 54.4146 |
| 2009 | 6     | 25  | 20   | 26     | 40     | 0.3       | 2.3     | 0.54  | 98.7      | 140.1826 | 57.2748 |
| 2009 | 6     | 25  | 20   | 36     | 40     | 0.3       | 2.3     | 0.51  | 102.2     | 140.1826 | 54.0968 |
| 2009 | 6     | 25  | 20   | 46     | 40     | 0.3       | 2.3     | 0.52  | 96.5      | 139.9865 | 55.2906 |
| 2009 | 6     | 25  | 20   | 56     | 40     | 0.3       | 2.3     | 0.54  | 94.2      | 139.9865 | 57.1947 |
| 2009 | 6     | 25  | 21   | 6      | 40     | 0.3       | 2.3     | 0.51  | 101.9     | 140.1826 | 53.779  |
| 2009 | 6     | 25  | 21   | 16     | 40     | 0.3       | 2.3     | 0.55  | 97.5      | 140.1826 | 58.2282 |
| 2009 | 6     | 25  | 21   | 26     | 40     | 0.3       | 2.3     | 0.59  | 98.3      | 140.1826 | 62.0418 |
| 2009 | 6     | 25  | 21   | 36     | 40     | 0.3       | 2.3     | 0.53  | 95.7      | 140.1826 | 56.6392 |
| 2009 | 6     | 25  | 21   | 46     | 40     | 0.3       | 2.3     | 0.6   | 96.6      | 140.1826 | 62.9952 |
| 2009 | 6     | 25  | 21   | 56     | 40     | 0.3       | 2.3     | 0.55  | 98.5      | 140.1826 | 58.546  |
| 2009 | 6     | 25  | 22   | 6      | 40     | 0.3       | 2.3     | 0.49  | 98.1      | 140.1826 | 52.5078 |
| 2009 | 6     | 25  | 22   | 16     | 40     | 0.3       | 2.3     | 0.57  | 97        | 140.1826 | 59.8172 |
| 2009 | 6     | 25  | 22   | 26     | 40     | 0.3       | 2.3     | 0.55  | 100       | 140.1826 | 57.5926 |
| 2009 | 6     | 25  | 22   | 36     | 40     | 0.3       | 2.3     | 0.64  | 97.7      | 140.1826 | 66.4911 |
| 2009 | 6     | 25  | 22   | 46     | 40     | 0.3       | 2.3     | 0.55  | 94.1      | 140.3787 | 58.6279 |
| 2009 | 6     | 25  | 22   | 56     | 40     | 0.3       | 2.3     | 0.56  | 97.1      | 140.1826 | 58.8638 |
| 2009 | 6     | 25  | 23   | 6      | 40     | 0.3       | 2.3     | 0.49  | 94.2      | 140.3787 | 53.2177 |
| 2009 | 6     | 25  | 23   | 16     | 40     | 0.3       | 2.3     | 0.53  | 99.3      | 140.3787 | 56.0819 |
| 2009 | 6     | 25  | 23   | 26     | 40     | 0.3       | 2.3     | 0.56  | 95        | 140.3787 | 59.5826 |
| 2009 | 6     | 25  | 23   | 36     | 40     | 0.3       | 2.3     | 0.61  | 96.5      | 140.3787 | 64.3564 |
| 2009 | 6     | 25  | 23   | 46     | 40     | 0.3       | 2.3     | 0.53  | 98.6      | 140.3787 | 56.0819 |
| 2009 | 6     | 25  | 23   | 56     | 40     | 0.3       | 2.3     | 0.5   | 93.8      | 140.3787 | 53.536  |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 26  | 0    | 6      | 40     | 0.3       | 2.3     | 0.53  | 97.4      | 140.3787 | 56.7184 |
| 2009 | 6     | 26  | 0    | 16     | 40     | 0.3       | 2.3     | 0.57  | 98.3      | 140.3787 | 60.2192 |
| 2009 | 6     | 26  | 0    | 26     | 40     | 0.3       | 2.3     | 0.54  | 94.5      | 140.3787 | 57.9914 |
| 2009 | 6     | 26  | 0    | 36     | 40     | 0.3       | 2.3     | 0.52  | 102.3     | 140.3787 | 55.1272 |
| 2009 | 6     | 26  | 0    | 46     | 40     | 0.3       | 2.3     | 0.54  | 96.6      | 140.3787 | 57.6732 |
| 2009 | 6     | 26  | 0    | 56     | 40     | 0.3       | 2.3     | 0.6   | 94.4      | 140.3787 | 63.4016 |
| 2009 | 6     | 26  | 1    | 6      | 40     | 0.3       | 2.3     | 0.55  | 95.5      | 140.3787 | 58.6279 |
| 2009 | 6     | 26  | 1    | 16     | 40     | 0.3       | 2.3     | 0.48  | 100.6     | 140.3787 | 51.3082 |
| 2009 | 6     | 26  | 1    | 26     | 40     | 0.3       | 2.3     | 0.54  | 94.2      | 140.3787 | 57.6732 |
| 2009 | 6     | 26  | 1    | 36     | 40     | 0.3       | 2.3     | 0.58  | 97.4      | 140.3787 | 61.4921 |
| 2009 | 6     | 26  | 1    | 46     | 40     | 0.3       | 2.3     | 0.58  | 96.5      | 140.3787 | 61.4921 |
| 2009 | 6     | 26  | 1    | 56     | 40     | 0.3       | 2.3     | 0.55  | 96.1      | 140.3787 | 58.9462 |
| 2009 | 6     | 26  | 2    | 6      | 40     | 0.3       | 2.3     | 0.51  | 95.9      | 140.3787 | 55.1272 |
| 2009 | 6     | 26  | 2    | 16     | 40     | 0.3       | 2.3     | 0.5   | 103.6     | 140.5749 | 52.9734 |
| 2009 | 6     | 26  | 2    | 26     | 40     | 0.3       | 2.3     | 0.51  | 95.9      | 140.5749 | 55.2043 |
| 2009 | 6     | 26  | 2    | 36     | 40     | 0.3       | 2.3     | 0.52  | 95.4      | 140.5749 | 56.1603 |
| 2009 | 6     | 26  | 2    | 46     | 40     | 0.3       | 2.3     | 0.45  | 96.3      | 140.5749 | 48.5117 |
| 2009 | 6     | 26  | 2    | 56     | 40     | 0.3       | 2.3     | 0.57  | 97        | 140.5749 | 59.9846 |
| 2009 | 6     | 26  | 3    | 6      | 40     | 0.3       | 2.3     | 0.56  | 102.1     | 140.5749 | 59.0286 |
| 2009 | 6     | 26  | 3    | 16     | 40     | 0.3       | 2.3     | 0.52  | 101.2     | 140.5749 | 55.2043 |
| 2009 | 6     | 26  | 3    | 26     | 40     | 0.3       | 2.3     | 0.53  | 101.2     | 140.5749 | 55.5229 |
| 2009 | 6     | 26  | 3    | 36     | 40     | 0.3       | 2.3     | 0.58  | 100       | 140.5749 | 61.2594 |
| 2009 | 6     | 26  | 3    | 46     | 40     | 0.3       | 2.3     | 0.58  | 96.8      | 140.5749 | 61.2594 |
| 2009 | 6     | 26  | 3    | 56     | 40     | 0.3       | 2.3     | 0.57  | 99.3      | 140.5749 | 59.9846 |
| 2009 | 6     | 26  | 4    | 6      | 40     | 0.3       | 2.3     | 0.51  | 95.5      | 140.5749 | 55.2043 |
| 2009 | 6     | 26  | 4    | 16     | 40     | 0.3       | 2.3     | 0.54  | 100.6     | 140.5749 | 56.7977 |
| 2009 | 6     | 26  | 4    | 26     | 40     | 0.3       | 2.3     | 0.52  | 100.6     | 140.5749 | 54.8856 |
| 2009 | 6     | 26  | 4    | 36     | 40     | 0.3       | 2.3     | 0.53  | 95.3      | 140.5749 | 57.1164 |
| 2009 | 6     | 26  | 4    | 46     | 40     | 0.3       | 2.3     | 0.57  | 98.3      | 140.5749 | 60.3033 |
| 2009 | 6     | 26  | 4    | 56     | 40     | 0.3       | 2.3     | 0.47  | 97.2      | 140.5749 | 51.0613 |
| 2009 | 6     | 26  | 5    | 6      | 40     | 0.3       | 2.3     | 0.56  | 96.4      | 140.5749 | 59.6659 |
| 2009 | 6     | 26  | 5    | 16     | 40     | 0.3       | 2.3     | 0.51  | 97.8      | 140.5749 | 54.2482 |
| 2009 | 6     | 26  | 5    | 26     | 40     | 0.3       | 2.3     | 0.55  | 100       | 140.7712 | 57.8344 |
| 2009 | 6     | 26  | 5    | 36     | 40     | 0.3       | 2.3     | 0.51  | 96.7      | 140.7712 | 54.6431 |
| 2009 | 6     | 26  | 5    | 46     | 40     | 0.3       | 2.3     | 0.56  | 99        | 140.7712 | 59.7493 |
| 2009 | 6     | 26  | 5    | 56     | 40     | 0.3       | 2.3     | 0.58  | 95.5      | 140.7712 | 61.9832 |
| 2009 | 6     | 26  | 6    | 6      | 40     | 0.3       | 2.3     | 0.52  | 92.5      | 140.7712 | 56.2388 |
| 2009 | 6     | 26  | 6    | 16     | 40     | 0.3       | 2.3     | 0.5   | 101       | 140.7712 | 53.0474 |
| 2009 | 6     | 26  | 6    | 26     | 40     | 0.3       | 2.3     | 0.57  | 98.6      | 140.7712 | 60.0684 |
| 2009 | 6     | 26  | 6    | 36     | 40     | 0.3       | 2.3     | 0.58  | 96.8      | 140.7712 | 61.3449 |
| 2009 | 6     | 26  | 6    | 46     | 40     | 0.3       | 2.3     | 0.58  | 97.4      | 140.7712 | 61.6641 |
| 2009 | 6     | 26  | 6    | 56     | 40     | 0.3       | 2.3     | 0.51  | 94.8      | 140.9676 | 54.7193 |
| 2009 | 6     | 26  | 7    | 6      | 40     | 0.3       | 2.3     | 0.52  | 99.9      | 140.9676 | 55.0389 |
| 2009 | 6     | 26  | 7    | 16     | 40     | 0.3       | 2.3     | 0.53  | 98.6      | 140.9676 | 56.3172 |
| 2009 | 6     | 26  | 7    | 26     | 40     | 0.3       | 2.3     | 0.55  | 99.3      | 140.9676 | 58.2347 |
| 2009 | 6     | 26  | 7    | 36     | 40     | 0.3       | 2.3     | 0.58  | 97.5      | 140.9676 | 61.1109 |
| 2009 | 6     | 26  | 7    | 46     | 40     | 0.3       | 2.3     | 0.55  | 97.5      | 141.1641 | 58.9559 |
| 2009 | 6     | 26  | 7    | 56     | 40     | 0.3       | 2.3     | 0.56  | 97.8      | 141.1641 | 59.276  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 26  | 8    | 6      | 40     | 0.3       | 2.3     | 0.58  | 95.9      | 141.1641 | 61.5161 |
| 2009 | 6     | 26  | 8    | 16     | 40     | 0.3       | 2.3     | 0.58  | 98.1      | 141.1641 | 61.5161 |
| 2009 | 6     | 26  | 8    | 26     | 40     | 0.3       | 2.3     | 0.53  | 97.2      | 141.1641 | 56.3957 |
| 2009 | 6     | 26  | 8    | 36     | 40     | 0.3       | 2.3     | 0.47  | 95.6      | 141.3607 | 51.6671 |
| 2009 | 6     | 26  | 8    | 46     | 40     | 0.3       | 2.3     | 0.54  | 97.3      | 141.3607 | 57.7561 |
| 2009 | 6     | 26  | 8    | 56     | 40     | 0.3       | 2.3     | 0.53  | 97.5      | 141.3607 | 56.7947 |
| 2009 | 6     | 26  | 9    | 6      | 40     | 0.3       | 2.3     | 0.51  | 95.5      | 141.3607 | 55.5128 |
| 2009 | 6     | 26  | 9    | 16     | 40     | 0.3       | 2.3     | 0.59  | 102.3     | 141.3607 | 61.6018 |
| 2009 | 6     | 26  | 9    | 26     | 40     | 0.3       | 2.3     | 0.58  | 97.9      | 141.3607 | 61.2813 |
| 2009 | 6     | 26  | 9    | 36     | 40     | 0.3       | 2.3     | 0.52  | 95.1      | 141.3607 | 55.8333 |
| 2009 | 6     | 26  | 9    | 46     | 40     | 0.3       | 2.3     | 0.53  | 96.4      | 141.3607 | 57.1152 |
| 2009 | 6     | 26  | 9    | 56     | 40     | 0.3       | 2.3     | 0.53  | 99.6      | 141.754  | 56.6314 |
| 2009 | 6     | 26  | 10   | 6      | 40     | 0.3       | 2.3     | 0.48  | 100.2     | 141.5573 | 51.739  |
| 2009 | 6     | 26  | 10   | 16     | 40     | 0.3       | 2.3     | 0.51  | 99.7      | 141.5573 | 54.3064 |
| 2009 | 6     | 26  | 10   | 26     | 40     | 0.3       | 2.3     | 0.55  | 98.9      | 141.5573 | 58.7992 |
| 2009 | 6     | 26  | 10   | 36     | 40     | 0.3       | 2.3     | 0.5   | 97.2      | 141.5573 | 53.6645 |
| 2009 | 6     | 26  | 10   | 46     | 40     | 0.3       | 2.3     | 0.57  | 95.9      | 141.3607 | 60.9609 |
| 2009 | 6     | 26  | 10   | 56     | 40     | 0.3       | 2.3     | 0.53  | 99.6      | 141.5573 | 56.5528 |
| 2009 | 6     | 26  | 11   | 6      | 40     | 0.3       | 2.3     | 0.53  | 99.9      | 141.3607 | 56.7947 |
| 2009 | 6     | 26  | 11   | 16     | 40     | 0.3       | 2.3     | 0.52  | 91.8      | 141.3607 | 56.1538 |
| 2009 | 6     | 26  | 11   | 26     | 40     | 0.3       | 2.3     | 0.53  | 104.6     | 141.3607 | 55.8333 |
| 2009 | 6     | 26  | 11   | 36     | 40     | 0.3       | 2.3     | 0.58  | 95.9      | 141.3607 | 61.6018 |
| 2009 | 6     | 26  | 11   | 46     | 40     | 0.3       | 2.3     | 0.5   | 98.7      | 141.3607 | 53.59   |
| 2009 | 6     | 26  | 11   | 56     | 40     | 0.3       | 2.3     | 0.55  | 101.3     | 141.3607 | 58.3971 |
| 2009 | 6     | 26  | 12   | 6      | 40     | 0.3       | 2.3     | 0.55  | 102.7     | 141.3607 | 58.0766 |
| 2009 | 6     | 26  | 12   | 16     | 40     | 0.3       | 2.3     | 0.52  | 98.6      | 141.3607 | 56.1538 |
| 2009 | 6     | 26  | 12   | 26     | 40     | 0.3       | 2.3     | 0.58  | 94.2      | 141.3607 | 61.6018 |
| 2009 | 6     | 26  | 12   | 36     | 40     | 0.3       | 2.3     | 0.55  | 95.5      | 141.3607 | 58.7175 |
| 2009 | 6     | 26  | 12   | 46     | 40     | 0.3       | 2.3     | 0.54  | 96.6      | 141.3607 | 58.0766 |
| 2009 | 6     | 26  | 12   | 56     | 40     | 0.3       | 2.3     | 0.54  | 97.3      | 141.3607 | 57.7561 |
| 2009 | 6     | 26  | 13   | 6      | 40     | 0.3       | 2.3     | 0.58  | 97.1      | 141.3607 | 61.9223 |
| 2009 | 6     | 26  | 13   | 16     | 40     | 0.3       | 2.3     | 0.52  | 100.1     | 141.3607 | 55.8333 |
| 2009 | 6     | 26  | 13   | 26     | 40     | 0.3       | 2.3     | 0.53  | 94.6      | 141.3607 | 56.7947 |
| 2009 | 6     | 26  | 13   | 36     | 40     | 0.3       | 2.3     | 0.5   | 95.3      | 141.3607 | 53.9104 |
| 2009 | 6     | 26  | 13   | 46     | 40     | 0.3       | 2.3     | 0.55  | 102.1     | 141.3607 | 57.7561 |
| 2009 | 6     | 26  | 13   | 56     | 40     | 0.3       | 2.3     | 0.59  | 98.4      | 141.3607 | 62.2427 |
| 2009 | 6     | 26  | 14   | 6      | 40     | 0.3       | 2.3     | 0.54  | 97.3      | 141.3607 | 58.0766 |
| 2009 | 6     | 26  | 14   | 16     | 40     | 0.3       | 2.3     | 0.54  | 99.1      | 141.3607 | 57.7561 |
| 2009 | 6     | 26  | 14   | 26     | 40     | 0.3       | 2.3     | 0.59  | 96        | 141.3607 | 63.2042 |
| 2009 | 6     | 26  | 14   | 36     | 40     | 0.3       | 2.3     | 0.55  | 96.5      | 141.3607 | 59.3585 |
| 2009 | 6     | 26  | 14   | 46     | 40     | 0.3       | 2.3     | 0.51  | 101.5     | 141.3607 | 54.5514 |
| 2009 | 6     | 26  | 14   | 56     | 40     | 0.3       | 2.3     | 0.53  | 99.9      | 141.3607 | 56.7947 |
| 2009 | 6     | 26  | 15   | 6      | 40     | 0.3       | 2.3     | 0.54  | 103.4     | 141.3607 | 56.7947 |
| 2009 | 6     | 26  | 15   | 16     | 40     | 0.3       | 2.3     | 0.6   | 95.4      | 141.3607 | 63.5246 |
| 2009 | 6     | 26  | 15   | 26     | 40     | 0.3       | 2.3     | 0.55  | 99.6      | 141.3607 | 58.3971 |
| 2009 | 6     | 26  | 15   | 36     | 40     | 0.3       | 2.3     | 0.54  | 97        | 141.3607 | 57.4357 |
| 2009 | 6     | 26  | 15   | 46     | 40     | 0.3       | 2.3     | 0.55  | 97.3      | 141.3607 | 58.3971 |
| 2009 | 6     | 26  | 15   | 56     | 40     | 0.3       | 2.3     | 0.5   | 99.8      | 141.3607 | 53.9104 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 26  | 16   | 6      | 40     | 0.3       | 2.3     | 0.49  | 98.4      | 141.3607 | 53.2695 |
| 2009 | 6     | 26  | 16   | 16     | 40     | 0.3       | 2.3     | 0.53  | 98.9      | 141.3607 | 56.4742 |
| 2009 | 6     | 26  | 16   | 26     | 40     | 0.3       | 2.3     | 0.54  | 95.9      | 141.3607 | 58.3971 |
| 2009 | 6     | 26  | 16   | 36     | 40     | 0.3       | 2.3     | 0.54  | 95.2      | 141.3607 | 58.0766 |
| 2009 | 6     | 26  | 16   | 46     | 40     | 0.3       | 2.3     | 0.53  | 98.2      | 141.3607 | 56.4742 |
| 2009 | 6     | 26  | 16   | 56     | 40     | 0.3       | 2.3     | 0.54  | 97.3      | 141.3607 | 57.7561 |
| 2009 | 6     | 26  | 17   | 6      | 40     | 0.3       | 2.3     | 0.57  | 97        | 141.3607 | 60.3199 |
| 2009 | 6     | 26  | 17   | 16     | 40     | 0.3       | 2.3     | 0.57  | 97        | 141.3607 | 60.3199 |
| 2009 | 6     | 26  | 17   | 26     | 40     | 0.3       | 2.3     | 0.58  | 96.4      | 141.3607 | 62.2427 |
| 2009 | 6     | 26  | 17   | 36     | 40     | 0.3       | 2.3     | 0.58  | 96.8      | 141.3607 | 61.9223 |
| 2009 | 6     | 26  | 17   | 46     | 40     | 0.3       | 2.3     | 0.56  | 96        | 141.3607 | 60.3199 |
| 2009 | 6     | 26  | 17   | 56     | 40     | 0.3       | 2.3     | 0.57  | 95.6      | 141.3607 | 60.9609 |
| 2009 | 6     | 26  | 18   | 6      | 40     | 0.3       | 2.3     | 0.53  | 96.3      | 141.3607 | 57.4357 |
| 2009 | 6     | 26  | 18   | 16     | 40     | 0.3       | 2.3     | 0.55  | 98.2      | 141.3607 | 58.7175 |
| 2009 | 6     | 26  | 18   | 26     | 40     | 0.3       | 2.3     | 0.55  | 97.9      | 141.3607 | 58.3971 |
| 2009 | 6     | 26  | 18   | 36     | 40     | 0.3       | 2.3     | 0.55  | 100.3     | 141.3607 | 58.3971 |
| 2009 | 6     | 26  | 18   | 46     | 40     | 0.3       | 2.3     | 0.51  | 93.7      | 141.3607 | 55.1923 |
| 2009 | 6     | 26  | 18   | 56     | 40     | 0.3       | 2.3     | 0.56  | 93.4      | 141.3607 | 59.679  |
| 2009 | 6     | 26  | 19   | 6      | 40     | 0.3       | 2.3     | 0.54  | 99.8      | 141.3607 | 57.4357 |
| 2009 | 6     | 26  | 19   | 16     | 40     | 0.3       | 2.3     | 0.53  | 97.8      | 141.3607 | 56.7947 |
| 2009 | 6     | 26  | 19   | 26     | 40     | 0.3       | 2.3     | 0.49  | 96.2      | 141.3607 | 52.949  |
| 2009 | 6     | 26  | 19   | 36     | 40     | 0.3       | 2.3     | 0.52  | 99.2      | 141.3607 | 55.1923 |
| 2009 | 6     | 26  | 19   | 46     | 40     | 0.3       | 2.3     | 0.57  | 95.3      | 141.3607 | 61.2813 |
| 2009 | 6     | 26  | 19   | 56     | 40     | 0.3       | 2.3     | 0.53  | 95.6      | 141.3607 | 57.4357 |
| 2009 | 6     | 26  | 20   | 6      | 40     | 0.3       | 2.3     | 0.57  | 97.2      | 141.3607 | 60.9609 |
| 2009 | 6     | 26  | 20   | 16     | 40     | 0.3       | 2.3     | 0.48  | 94.3      | 141.3607 | 51.9876 |
| 2009 | 6     | 26  | 20   | 26     | 40     | 0.3       | 2.3     | 0.58  | 99.1      | 141.3607 | 61.6018 |
| 2009 | 6     | 26  | 20   | 36     | 40     | 0.3       | 2.3     | 0.56  | 100.5     | 141.3607 | 59.3585 |
| 2009 | 6     | 26  | 20   | 46     | 40     | 0.3       | 2.3     | 0.56  | 97.8      | 141.5573 | 59.762  |
| 2009 | 6     | 26  | 20   | 56     | 40     | 0.3       | 2.3     | 0.52  | 94.7      | 141.3607 | 55.8333 |
| 2009 | 6     | 26  | 21   | 6      | 40     | 0.3       | 2.3     | 0.49  | 93.9      | 141.5573 | 53.0227 |
| 2009 | 6     | 26  | 21   | 16     | 40     | 0.3       | 2.3     | 0.59  | 98.9      | 141.5573 | 62.9712 |
| 2009 | 6     | 26  | 21   | 26     | 40     | 0.3       | 2.3     | 0.55  | 95.8      | 141.5573 | 59.4411 |
| 2009 | 6     | 26  | 21   | 36     | 40     | 0.3       | 2.3     | 0.52  | 97.9      | 141.5573 | 56.2319 |
| 2009 | 6     | 26  | 21   | 46     | 40     | 0.3       | 2.3     | 0.56  | 92.7      | 141.5573 | 59.762  |
| 2009 | 6     | 26  | 21   | 56     | 40     | 0.3       | 2.3     | 0.59  | 98.4      | 141.5573 | 62.3293 |
| 2009 | 6     | 26  | 22   | 6      | 40     | 0.3       | 2.3     | 0.54  | 98.1      | 141.5573 | 57.5155 |
| 2009 | 6     | 26  | 22   | 16     | 40     | 0.3       | 2.3     | 0.53  | 95.7      | 141.754  | 57.2741 |
| 2009 | 6     | 26  | 22   | 26     | 40     | 0.3       | 2.3     | 0.54  | 98.4      | 141.9509 | 57.9973 |
| 2009 | 6     | 26  | 22   | 36     | 40     | 0.3       | 2.3     | 0.53  | 97.8      | 141.754  | 57.2741 |
| 2009 | 6     | 26  | 22   | 46     | 40     | 0.3       | 2.3     | 0.57  | 95.9      | 141.9509 | 61.5372 |
| 2009 | 6     | 26  | 22   | 56     | 40     | 0.3       | 2.3     | 0.55  | 94.5      | 141.9509 | 59.2845 |
| 2009 | 6     | 26  | 23   | 6      | 40     | 0.3       | 2.3     | 0.56  | 100.8     | 142.1477 | 59.689  |
| 2009 | 6     | 26  | 23   | 16     | 40     | 0.3       | 2.3     | 0.54  | 98.4      | 142.1477 | 58.0777 |
| 2009 | 6     | 26  | 23   | 26     | 40     | 0.3       | 2.3     | 0.56  | 99.1      | 142.3447 | 60.0944 |
| 2009 | 6     | 26  | 23   | 36     | 40     | 0.3       | 2.3     | 0.56  | 100.1     | 142.3447 | 59.7717 |
| 2009 | 6     | 26  | 23   | 46     | 40     | 0.3       | 2.3     | 0.59  | 97.3      | 142.3447 | 63.3215 |
| 2009 | 6     | 26  | 23   | 56     | 40     | 0.3       | 2.3     | 0.57  | 97        | 142.3447 | 61.0625 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 27  | 0    | 6      | 40     | 0.3       | 2.3     | 0.56  | 99.1      | 142.3447 | 59.7717 |
| 2009 | 6     | 27  | 0    | 16     | 40     | 0.3       | 2.3     | 0.55  | 97.8      | 142.5418 | 59.5313 |
| 2009 | 6     | 27  | 0    | 26     | 40     | 0.3       | 2.3     | 0.52  | 99.2      | 142.5418 | 55.6535 |
| 2009 | 6     | 27  | 0    | 36     | 40     | 0.3       | 2.3     | 0.54  | 97        | 142.3447 | 57.8355 |
| 2009 | 6     | 27  | 0    | 46     | 40     | 0.3       | 2.3     | 0.52  | 99.5      | 142.5418 | 55.9767 |
| 2009 | 6     | 27  | 0    | 56     | 40     | 0.3       | 2.3     | 0.52  | 93.3      | 142.5418 | 56.2998 |
| 2009 | 6     | 27  | 1    | 6      | 40     | 0.3       | 2.3     | 0.51  | 99.7      | 142.5418 | 54.684  |
| 2009 | 6     | 27  | 1    | 16     | 40     | 0.3       | 2.3     | 0.55  | 98.2      | 142.5418 | 59.5313 |
| 2009 | 6     | 27  | 1    | 26     | 40     | 0.3       | 2.3     | 0.52  | 102.4     | 142.5418 | 55.3303 |
| 2009 | 6     | 27  | 1    | 36     | 40     | 0.3       | 2.3     | 0.57  | 99.6      | 142.5418 | 60.8239 |
| 2009 | 6     | 27  | 1    | 46     | 40     | 0.3       | 2.3     | 0.57  | 99.3      | 142.5418 | 60.8239 |
| 2009 | 6     | 27  | 1    | 56     | 40     | 0.3       | 2.3     | 0.54  | 98.1      | 142.5418 | 57.9156 |
| 2009 | 6     | 27  | 2    | 6      | 40     | 0.3       | 2.3     | 0.53  | 99.9      | 142.5418 | 57.2692 |
| 2009 | 6     | 27  | 2    | 16     | 40     | 0.3       | 2.3     | 0.53  | 98.5      | 142.5418 | 57.5924 |
| 2009 | 6     | 27  | 2    | 26     | 40     | 0.3       | 2.3     | 0.49  | 96.9      | 142.5418 | 53.3914 |
| 2009 | 6     | 27  | 2    | 36     | 40     | 0.3       | 2.3     | 0.58  | 98.2      | 142.739  | 61.8788 |
| 2009 | 6     | 27  | 2    | 46     | 40     | 0.3       | 2.3     | 0.63  | 101.2     | 142.739  | 66.0856 |
| 2009 | 6     | 27  | 2    | 56     | 40     | 0.3       | 2.3     | 0.54  | 99.5      | 142.739  | 57.9957 |
| 2009 | 6     | 27  | 3    | 6      | 40     | 0.3       | 2.3     | 0.55  | 96.5      | 142.739  | 59.29   |
| 2009 | 6     | 27  | 3    | 16     | 40     | 0.3       | 2.3     | 0.58  | 97.2      | 142.739  | 61.8788 |
| 2009 | 6     | 27  | 3    | 26     | 40     | 0.3       | 2.3     | 0.56  | 96.7      | 142.739  | 60.908  |
| 2009 | 6     | 27  | 3    | 36     | 40     | 0.3       | 2.3     | 0.57  | 97.3      | 142.739  | 61.2316 |
| 2009 | 6     | 27  | 3    | 46     | 40     | 0.3       | 2.3     | 0.57  | 97.9      | 142.739  | 61.2316 |
| 2009 | 6     | 27  | 3    | 56     | 40     | 0.3       | 2.3     | 0.53  | 94.9      | 142.739  | 57.9957 |
| 2009 | 6     | 27  | 4    | 6      | 40     | 0.3       | 2.3     | 0.53  | 95.7      | 142.739  | 57.3485 |
| 2009 | 6     | 27  | 4    | 16     | 40     | 0.3       | 2.3     | 0.6   | 100.1     | 142.739  | 63.4968 |
| 2009 | 6     | 27  | 4    | 26     | 40     | 0.3       | 2.3     | 0.55  | 99.2      | 142.739  | 59.29   |
| 2009 | 6     | 27  | 4    | 36     | 40     | 0.3       | 2.3     | 0.54  | 95.9      | 142.739  | 58.6429 |
| 2009 | 6     | 27  | 4    | 46     | 40     | 0.3       | 2.3     | 0.55  | 95.2      | 142.739  | 59.29   |
| 2009 | 6     | 27  | 4    | 56     | 40     | 0.3       | 2.3     | 0.56  | 97        | 142.739  | 60.5844 |
| 2009 | 6     | 27  | 5    | 6      | 40     | 0.3       | 2.3     | 0.55  | 98.9      | 142.739  | 59.29   |
| 2009 | 6     | 27  | 5    | 16     | 40     | 0.3       | 2.3     | 0.5   | 96.5      | 142.739  | 54.1125 |
| 2009 | 6     | 27  | 5    | 26     | 40     | 0.3       | 2.3     | 0.54  | 101.2     | 142.739  | 57.9957 |
| 2009 | 6     | 27  | 5    | 36     | 40     | 0.3       | 2.3     | 0.51  | 95.9      | 142.739  | 56.0541 |
| 2009 | 6     | 27  | 5    | 46     | 40     | 0.3       | 2.3     | 0.56  | 98.1      | 142.9362 | 60.3441 |
| 2009 | 6     | 27  | 5    | 56     | 40     | 0.3       | 2.3     | 0.53  | 98.1      | 142.9362 | 57.7518 |
| 2009 | 6     | 27  | 6    | 6      | 40     | 0.3       | 2.3     | 0.54  | 93.9      | 142.9362 | 58.3999 |
| 2009 | 6     | 27  | 6    | 16     | 40     | 0.3       | 2.3     | 0.51  | 96.7      | 142.9362 | 55.4834 |
| 2009 | 6     | 27  | 6    | 26     | 40     | 0.3       | 2.3     | 0.56  | 94        | 142.9362 | 60.6682 |
| 2009 | 6     | 27  | 6    | 36     | 40     | 0.3       | 2.3     | 0.56  | 100.1     | 142.9362 | 60.3441 |
| 2009 | 6     | 27  | 6    | 46     | 40     | 0.3       | 2.3     | 0.51  | 95.5      | 142.9362 | 56.1315 |
| 2009 | 6     | 27  | 6    | 56     | 40     | 0.3       | 2.3     | 0.54  | 97.6      | 142.9362 | 58.7239 |
| 2009 | 6     | 27  | 7    | 6      | 40     | 0.3       | 2.3     | 0.55  | 100       | 142.9362 | 59.0479 |
| 2009 | 6     | 27  | 7    | 16     | 40     | 0.3       | 2.3     | 0.55  | 97.2      | 142.9362 | 59.372  |
| 2009 | 6     | 27  | 7    | 26     | 40     | 0.3       | 2.3     | 0.53  | 93.6      | 142.9362 | 57.7518 |
| 2009 | 6     | 27  | 7    | 36     | 40     | 0.3       | 2.3     | 0.54  | 94.6      | 142.9362 | 58.3999 |
| 2009 | 6     | 27  | 7    | 46     | 40     | 0.3       | 2.3     | 0.6   | 97.5      | 142.9362 | 64.5567 |
| 2009 | 6     | 27  | 7    | 56     | 40     | 0.3       | 2.3     | 0.56  | 97.8      | 142.9362 | 60.0201 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 27  | 8    | 6      | 40     | 0.3       | 2.3     | 0.54  | 100.8     | 142.9362 | 58.3999 |
| 2009 | 6     | 27  | 8    | 16     | 40     | 0.3       | 2.3     | 0.54  | 96.7      | 143.1335 | 58.156  |
| 2009 | 6     | 27  | 8    | 26     | 40     | 0.3       | 2.3     | 0.52  | 96.9      | 143.1335 | 56.5335 |
| 2009 | 6     | 27  | 8    | 36     | 40     | 0.3       | 2.3     | 0.5   | 95.7      | 143.1335 | 54.5866 |
| 2009 | 6     | 27  | 8    | 46     | 40     | 0.3       | 2.3     | 0.54  | 97.3      | 143.1335 | 58.4805 |
| 2009 | 6     | 27  | 8    | 56     | 40     | 0.3       | 2.3     | 0.49  | 101.9     | 143.1335 | 53.2886 |
| 2009 | 6     | 27  | 9    | 6      | 40     | 0.3       | 2.3     | 0.54  | 96.2      | 143.1335 | 59.1295 |
| 2009 | 6     | 27  | 9    | 16     | 40     | 0.3       | 2.3     | 0.52  | 99.8      | 143.1335 | 56.5335 |
| 2009 | 6     | 27  | 9    | 26     | 40     | 0.3       | 2.3     | 0.55  | 95.8      | 143.1335 | 59.4539 |
| 2009 | 6     | 27  | 9    | 36     | 40     | 0.3       | 2.3     | 0.52  | 93.6      | 143.1335 | 56.858  |
| 2009 | 6     | 27  | 9    | 46     | 40     | 0.3       | 2.3     | 0.53  | 97.4      | 143.1335 | 57.8315 |
| 2009 | 6     | 27  | 9    | 56     | 40     | 0.3       | 2.3     | 0.57  | 97.6      | 143.1335 | 61.7254 |
| 2009 | 6     | 27  | 10   | 6      | 40     | 0.3       | 2.3     | 0.52  | 99        | 143.1335 | 56.858  |
| 2009 | 6     | 27  | 10   | 16     | 40     | 0.3       | 2.3     | 0.55  | 100.7     | 143.1335 | 58.805  |
| 2009 | 6     | 27  | 10   | 26     | 40     | 0.3       | 2.3     | 0.57  | 95.3      | 143.1335 | 61.7254 |
| 2009 | 6     | 27  | 10   | 36     | 40     | 0.3       | 2.3     | 0.53  | 93.9      | 143.1335 | 57.507  |
| 2009 | 6     | 27  | 10   | 46     | 40     | 0.3       | 2.3     | 0.54  | 99        | 143.1335 | 58.805  |
| 2009 | 6     | 27  | 10   | 56     | 40     | 0.3       | 2.3     | 0.57  | 100.9     | 143.3309 | 61.1606 |
| 2009 | 6     | 27  | 11   | 6      | 40     | 0.3       | 2.3     | 0.57  | 97.6      | 143.3309 | 61.4856 |
| 2009 | 6     | 27  | 11   | 16     | 40     | 0.3       | 2.3     | 0.56  | 99.9      | 143.3309 | 59.8609 |
| 2009 | 6     | 27  | 11   | 26     | 40     | 0.3       | 2.3     | 0.58  | 93.6      | 143.3309 | 62.4604 |
| 2009 | 6     | 27  | 11   | 36     | 40     | 0.3       | 2.3     | 0.53  | 96        | 143.3309 | 57.9112 |
| 2009 | 6     | 27  | 11   | 46     | 40     | 0.3       | 2.3     | 0.52  | 97.7      | 143.3309 | 56.2866 |
| 2009 | 6     | 27  | 11   | 56     | 40     | 0.3       | 2.3     | 0.57  | 100.2     | 143.3309 | 61.4856 |
| 2009 | 6     | 27  | 12   | 6      | 40     | 0.3       | 2.3     | 0.56  | 99.7      | 143.3309 | 60.5108 |
| 2009 | 6     | 27  | 12   | 16     | 40     | 0.3       | 2.3     | 0.54  | 98.4      | 143.3309 | 58.5611 |
| 2009 | 6     | 27  | 12   | 26     | 40     | 0.3       | 2.3     | 0.61  | 97.4      | 143.3309 | 65.3849 |
| 2009 | 6     | 27  | 12   | 36     | 40     | 0.3       | 2.3     | 0.56  | 95.4      | 143.3309 | 60.5108 |
| 2009 | 6     | 27  | 12   | 46     | 40     | 0.3       | 2.3     | 0.56  | 97.1      | 143.3309 | 60.1858 |
| 2009 | 6     | 27  | 12   | 56     | 40     | 0.3       | 2.3     | 0.55  | 99        | 143.3309 | 59.211  |
| 2009 | 6     | 27  | 13   | 6      | 40     | 0.3       | 2.3     | 0.55  | 99        | 143.3309 | 59.211  |
| 2009 | 6     | 27  | 13   | 16     | 40     | 0.3       | 2.3     | 0.54  | 97        | 143.3309 | 58.2362 |
| 2009 | 6     | 27  | 13   | 26     | 40     | 0.3       | 2.3     | 0.57  | 95.3      | 143.3309 | 61.8105 |
| 2009 | 6     | 27  | 13   | 36     | 40     | 0.3       | 2.3     | 0.52  | 97.7      | 143.3309 | 56.2866 |
| 2009 | 6     | 27  | 13   | 46     | 40     | 0.3       | 2.3     | 0.6   | 97.6      | 143.5284 | 64.1734 |
| 2009 | 6     | 27  | 13   | 56     | 40     | 0.3       | 2.3     | 0.53  | 97.5      | 143.5284 | 57.3403 |
| 2009 | 6     | 27  | 14   | 6      | 40     | 0.3       | 2.3     | 0.56  | 96.1      | 143.3309 | 60.5108 |
| 2009 | 6     | 27  | 14   | 16     | 40     | 0.3       | 2.3     | 0.54  | 96.6      | 143.3309 | 59.211  |
| 2009 | 6     | 27  | 14   | 26     | 40     | 0.3       | 2.3     | 0.52  | 99        | 143.3309 | 56.6115 |
| 2009 | 6     | 27  | 14   | 36     | 40     | 0.3       | 2.3     | 0.55  | 100.3     | 143.5284 | 59.2926 |
| 2009 | 6     | 27  | 14   | 46     | 40     | 0.3       | 2.3     | 0.56  | 97.4      | 143.3309 | 60.8357 |
| 2009 | 6     | 27  | 14   | 56     | 40     | 0.3       | 2.3     | 0.56  | 100.8     | 143.5284 | 60.2687 |
| 2009 | 6     | 27  | 15   | 6      | 40     | 0.3       | 2.3     | 0.52  | 93.6      | 143.5284 | 57.0149 |
| 2009 | 6     | 27  | 15   | 16     | 40     | 0.3       | 2.3     | 0.56  | 93.4      | 143.5284 | 60.9195 |
| 2009 | 6     | 27  | 15   | 26     | 40     | 0.3       | 2.3     | 0.57  | 94.3      | 143.5284 | 62.2211 |
| 2009 | 6     | 27  | 15   | 36     | 40     | 0.3       | 2.3     | 0.53  | 95.7      | 143.5284 | 57.6656 |
| 2009 | 6     | 27  | 15   | 46     | 40     | 0.3       | 2.3     | 0.57  | 93.3      | 143.5284 | 62.2211 |
| 2009 | 6     | 27  | 15   | 56     | 40     | 0.3       | 2.3     | 0.58  | 96.4      | 143.5284 | 63.1972 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 27  | 16   | 6      | 40     | 0.3       | 2.3     | 0.5   | 94.1      | 143.5284 | 55.0625 |
| 2009 | 6     | 27  | 16   | 16     | 40     | 0.3       | 2.3     | 0.57  | 97.7      | 143.5284 | 61.2449 |
| 2009 | 6     | 27  | 16   | 26     | 40     | 0.3       | 2.3     | 0.55  | 93.4      | 143.5284 | 59.618  |
| 2009 | 6     | 27  | 16   | 36     | 40     | 0.3       | 2.3     | 0.52  | 95.7      | 143.5284 | 57.3403 |
| 2009 | 6     | 27  | 16   | 46     | 40     | 0.3       | 2.3     | 0.56  | 97.1      | 143.5284 | 60.2687 |
| 2009 | 6     | 27  | 16   | 56     | 40     | 0.3       | 2.3     | 0.54  | 97.3      | 143.5284 | 58.9672 |
| 2009 | 6     | 27  | 17   | 6      | 40     | 0.3       | 2.3     | 0.5   | 99.8      | 143.5284 | 54.4118 |
| 2009 | 6     | 27  | 17   | 16     | 40     | 0.3       | 2.3     | 0.57  | 99.2      | 143.5284 | 61.5703 |
| 2009 | 6     | 27  | 17   | 26     | 40     | 0.3       | 2.3     | 0.57  | 95.9      | 143.5284 | 62.2211 |
| 2009 | 6     | 27  | 17   | 36     | 40     | 0.3       | 2.3     | 0.6   | 93.8      | 143.5284 | 64.8242 |
| 2009 | 6     | 27  | 17   | 46     | 40     | 0.3       | 2.3     | 0.58  | 95.5      | 143.5284 | 62.8719 |
| 2009 | 6     | 27  | 17   | 56     | 40     | 0.3       | 2.3     | 0.57  | 102.2     | 143.5284 | 61.2449 |
| 2009 | 6     | 27  | 18   | 6      | 40     | 0.3       | 2.3     | 0.54  | 95.5      | 143.5284 | 59.2926 |
| 2009 | 6     | 27  | 18   | 16     | 40     | 0.3       | 2.3     | 0.55  | 94.5      | 143.5284 | 59.9434 |
| 2009 | 6     | 27  | 18   | 26     | 40     | 0.3       | 2.3     | 0.54  | 95.6      | 143.5284 | 58.6418 |
| 2009 | 6     | 27  | 18   | 36     | 40     | 0.3       | 2.3     | 0.56  | 100.8     | 143.5284 | 59.9434 |
| 2009 | 6     | 27  | 18   | 46     | 40     | 0.3       | 2.3     | 0.6   | 99.2      | 143.5284 | 64.1734 |
| 2009 | 6     | 27  | 18   | 56     | 40     | 0.3       | 2.3     | 0.52  | 98.7      | 143.5284 | 56.3641 |
| 2009 | 6     | 27  | 19   | 6      | 40     | 0.3       | 2.3     | 0.53  | 97.1      | 143.5284 | 57.6656 |
| 2009 | 6     | 27  | 19   | 16     | 40     | 0.3       | 2.3     | 0.57  | 97        | 143.5284 | 61.5703 |
| 2009 | 6     | 27  | 19   | 26     | 40     | 0.3       | 2.3     | 0.55  | 97.2      | 143.5284 | 59.9434 |
| 2009 | 6     | 27  | 19   | 36     | 40     | 0.3       | 2.3     | 0.51  | 94.1      | 143.5284 | 56.0387 |
| 2009 | 6     | 27  | 19   | 46     | 40     | 0.3       | 2.3     | 0.54  | 96.6      | 143.5284 | 59.2926 |
| 2009 | 6     | 27  | 19   | 56     | 40     | 0.3       | 2.3     | 0.61  | 96.5      | 143.5284 | 65.8003 |
| 2009 | 6     | 27  | 20   | 6      | 40     | 0.3       | 2.3     | 0.56  | 95.7      | 143.5284 | 61.2449 |
| 2009 | 6     | 27  | 20   | 16     | 40     | 0.3       | 2.3     | 0.57  | 94.6      | 143.5284 | 61.8957 |
| 2009 | 6     | 27  | 20   | 26     | 40     | 0.3       | 2.3     | 0.59  | 100       | 143.5284 | 62.8719 |
| 2009 | 6     | 27  | 20   | 36     | 40     | 0.3       | 2.3     | 0.57  | 95.9      | 143.5284 | 62.2211 |
| 2009 | 6     | 27  | 20   | 46     | 40     | 0.3       | 2.3     | 0.61  | 96.2      | 143.5284 | 65.4749 |
| 2009 | 6     | 27  | 20   | 56     | 40     | 0.3       | 2.3     | 0.53  | 94.6      | 143.5284 | 58.3164 |
| 2009 | 6     | 27  | 21   | 6      | 40     | 0.3       | 2.3     | 0.53  | 98.9      | 143.5284 | 57.3403 |
| 2009 | 6     | 27  | 21   | 16     | 40     | 0.3       | 2.3     | 0.53  | 90        | 143.5284 | 58.6418 |
| 2009 | 6     | 27  | 21   | 26     | 40     | 0.3       | 2.3     | 0.56  | 96        | 143.5284 | 61.2449 |
| 2009 | 6     | 27  | 21   | 36     | 40     | 0.3       | 2.3     | 0.57  | 99        | 143.5284 | 61.2449 |
| 2009 | 6     | 27  | 21   | 46     | 40     | 0.3       | 2.3     | 0.56  | 96.7      | 143.5284 | 60.9195 |
| 2009 | 6     | 27  | 21   | 56     | 40     | 0.3       | 2.3     | 0.58  | 93.2      | 143.5284 | 63.1972 |
| 2009 | 6     | 27  | 22   | 6      | 40     | 0.3       | 2.3     | 0.53  | 97.8      | 143.5284 | 57.991  |
| 2009 | 6     | 27  | 22   | 16     | 40     | 0.3       | 2.3     | 0.53  | 99.3      | 143.5284 | 57.3403 |
| 2009 | 6     | 27  | 22   | 26     | 40     | 0.3       | 2.3     | 0.55  | 96.2      | 143.5284 | 59.9434 |
| 2009 | 6     | 27  | 22   | 36     | 40     | 0.3       | 2.3     | 0.61  | 96.5      | 143.5284 | 65.4749 |
| 2009 | 6     | 27  | 22   | 46     | 40     | 0.3       | 2.3     | 0.54  | 96.6      | 143.5284 | 58.6418 |
| 2009 | 6     | 27  | 22   | 56     | 40     | 0.3       | 2.3     | 0.55  | 97.9      | 143.5284 | 59.2926 |
| 2009 | 6     | 27  | 23   | 6      | 40     | 0.3       | 2.3     | 0.56  | 99.5      | 143.5284 | 59.9434 |
| 2009 | 6     | 27  | 23   | 16     | 40     | 0.3       | 2.3     | 0.56  | 96.3      | 143.726  | 61.3292 |
| 2009 | 6     | 27  | 23   | 26     | 40     | 0.3       | 2.3     | 0.55  | 95.5      | 143.726  | 59.7    |
| 2009 | 6     | 27  | 23   | 36     | 40     | 0.3       | 2.3     | 0.6   | 96.6      | 143.726  | 64.5876 |
| 2009 | 6     | 27  | 23   | 46     | 40     | 0.3       | 2.3     | 0.6   | 96.9      | 143.5284 | 65.1496 |
| 2009 | 6     | 27  | 23   | 56     | 40     | 0.3       | 2.3     | 0.62  | 96.3      | 143.726  | 67.1943 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 28  | 0    | 6      | 40     | 0.3       | 2.3     | 0.53  | 98.9      | 143.726  | 57.745  |
| 2009 | 6     | 28  | 0    | 16     | 40     | 0.3       | 2.3     | 0.5   | 97.6      | 143.726  | 54.4867 |
| 2009 | 6     | 28  | 0    | 26     | 40     | 0.3       | 2.3     | 0.57  | 98.6      | 143.726  | 61.3292 |
| 2009 | 6     | 28  | 0    | 36     | 40     | 0.3       | 2.3     | 0.6   | 96.9      | 143.726  | 65.2393 |
| 2009 | 6     | 28  | 0    | 46     | 40     | 0.3       | 2.3     | 0.58  | 98.4      | 143.726  | 62.9584 |
| 2009 | 6     | 28  | 0    | 56     | 40     | 0.3       | 2.3     | 0.6   | 98.1      | 143.726  | 64.9134 |
| 2009 | 6     | 28  | 1    | 6      | 40     | 0.3       | 2.3     | 0.57  | 96.9      | 143.726  | 61.9809 |
| 2009 | 6     | 28  | 1    | 16     | 40     | 0.3       | 2.3     | 0.55  | 97.2      | 143.726  | 59.7    |
| 2009 | 6     | 28  | 1    | 26     | 40     | 0.3       | 2.3     | 0.61  | 95        | 143.726  | 65.5651 |
| 2009 | 6     | 28  | 1    | 36     | 40     | 0.3       | 2.3     | 0.53  | 92.9      | 143.9237 | 57.8245 |
| 2009 | 6     | 28  | 1    | 46     | 40     | 0.3       | 2.3     | 0.61  | 98.7      | 143.9237 | 65.6553 |
| 2009 | 6     | 28  | 1    | 56     | 40     | 0.3       | 2.3     | 0.56  | 98.7      | 144.1214 | 61.1712 |
| 2009 | 6     | 28  | 2    | 6      | 40     | 0.3       | 2.6     | 0.55  | 95.8      | 144.3193 | 59.9465 |
| 2009 | 6     | 28  | 2    | 16     | 40     | 0.3       | 2.6     | 0.51  | 94.4      | 144.5172 | 56.7524 |
| 2009 | 6     | 28  | 2    | 26     | 40     | 0.3       | 2.6     | 0.59  | 98.3      | 144.5172 | 64.2879 |
| 2009 | 6     | 28  | 2    | 36     | 40     | 0.3       | 2.6     | 0.59  | 95.1      | 144.5172 | 63.9602 |
| 2009 | 6     | 28  | 2    | 46     | 40     | 0.3       | 2.6     | 0.56  | 98.4      | 144.7152 | 61.4232 |
| 2009 | 6     | 28  | 2    | 56     | 40     | 0.3       | 2.6     | 0.63  | 96.9      | 144.7152 | 67.9848 |
| 2009 | 6     | 28  | 3    | 6      | 40     | 0.3       | 2.6     | 0.61  | 95.8      | 144.7152 | 66.6725 |
| 2009 | 6     | 28  | 3    | 16     | 40     | 0.3       | 2.6     | 0.56  | 100.8     | 144.7152 | 60.439  |
| 2009 | 6     | 28  | 3    | 26     | 40     | 0.3       | 2.6     | 0.52  | 98        | 144.7152 | 56.8302 |
| 2009 | 6     | 28  | 3    | 36     | 40     | 0.3       | 2.6     | 0.63  | 97.8      | 144.7152 | 67.9848 |
| 2009 | 6     | 28  | 3    | 46     | 40     | 0.3       | 2.6     | 0.54  | 99.7      | 144.9133 | 59.2076 |
| 2009 | 6     | 28  | 3    | 56     | 40     | 0.3       | 2.6     | 0.55  | 102.3     | 144.9133 | 59.8647 |
| 2009 | 6     | 28  | 4    | 6      | 40     | 0.3       | 2.6     | 0.55  | 100.6     | 144.9133 | 60.1932 |
| 2009 | 6     | 28  | 4    | 16     | 40     | 0.3       | 2.6     | 0.61  | 96.5      | 144.9133 | 66.4352 |
| 2009 | 6     | 28  | 4    | 26     | 40     | 0.3       | 2.6     | 0.5   | 99.8      | 144.9133 | 55.2653 |
| 2009 | 6     | 28  | 4    | 36     | 40     | 0.3       | 2.6     | 0.62  | 96.1      | 144.9133 | 67.0923 |
| 2009 | 6     | 28  | 4    | 46     | 40     | 0.3       | 2.6     | 0.59  | 97.4      | 144.9133 | 64.1356 |
| 2009 | 6     | 28  | 4    | 56     | 40     | 0.3       | 2.6     | 0.51  | 98.1      | 144.9133 | 56.2509 |
| 2009 | 6     | 28  | 5    | 6      | 40     | 0.3       | 2.6     | 0.57  | 93.3      | 144.9133 | 62.8214 |
| 2009 | 6     | 28  | 5    | 16     | 40     | 0.3       | 2.6     | 0.58  | 97.5      | 144.9133 | 63.15   |
| 2009 | 6     | 28  | 5    | 26     | 40     | 0.3       | 2.6     | 0.6   | 98.2      | 144.9133 | 64.7926 |
| 2009 | 6     | 28  | 5    | 36     | 40     | 0.3       | 2.6     | 0.56  | 98.8      | 144.9133 | 60.8503 |
| 2009 | 6     | 28  | 5    | 46     | 40     | 0.3       | 2.6     | 0.58  | 101.2     | 144.9133 | 62.1644 |
| 2009 | 6     | 28  | 5    | 56     | 40     | 0.3       | 2.6     | 0.58  | 100.7     | 144.9133 | 63.15   |
| 2009 | 6     | 28  | 6    | 6      | 40     | 0.3       | 2.6     | 0.55  | 96.5      | 145.1115 | 60.6045 |
| 2009 | 6     | 28  | 6    | 16     | 40     | 0.3       | 2.6     | 0.56  | 95        | 145.1115 | 61.5914 |
| 2009 | 6     | 28  | 6    | 26     | 40     | 0.3       | 2.6     | 0.56  | 97.8      | 145.1115 | 60.9335 |
| 2009 | 6     | 28  | 6    | 36     | 40     | 0.3       | 2.6     | 0.57  | 97.6      | 145.1115 | 62.5784 |
| 2009 | 6     | 28  | 6    | 46     | 40     | 0.3       | 2.6     | 0.59  | 101.6     | 145.1115 | 63.5653 |
| 2009 | 6     | 28  | 6    | 56     | 40     | 0.3       | 2.6     | 0.59  | 95.8      | 145.1115 | 64.2233 |
| 2009 | 6     | 28  | 7    | 6      | 40     | 0.3       | 2.6     | 0.61  | 94        | 145.1115 | 66.5261 |
| 2009 | 6     | 28  | 7    | 16     | 40     | 0.3       | 2.6     | 0.57  | 95.9      | 145.1115 | 62.5784 |
| 2009 | 6     | 28  | 7    | 26     | 40     | 0.3       | 2.6     | 0.58  | 97.8      | 145.1115 | 63.5653 |
| 2009 | 6     | 28  | 7    | 36     | 40     | 0.3       | 2.6     | 0.55  | 96.9      | 145.1115 | 60.2755 |
| 2009 | 6     | 28  | 7    | 46     | 40     | 0.3       | 2.6     | 0.55  | 99.6      | 145.1115 | 60.2755 |
| 2009 | 6     | 28  | 7    | 56     | 40     | 0.3       | 2.6     | 0.52  | 98.4      | 145.1115 | 56.9858 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 28  | 8    | 6      | 40     | 0.3       | 2.6     | 0.59  | 98        | 145.1115 | 63.8943 |
| 2009 | 6     | 28  | 8    | 16     | 40     | 0.3       | 2.6     | 0.55  | 97.2      | 145.1115 | 60.2755 |
| 2009 | 6     | 28  | 8    | 26     | 40     | 0.3       | 2.6     | 0.55  | 99.6      | 145.1115 | 60.2755 |
| 2009 | 6     | 28  | 8    | 36     | 40     | 0.3       | 2.6     | 0.59  | 98        | 145.1115 | 64.2233 |
| 2009 | 6     | 28  | 8    | 46     | 40     | 0.3       | 2.6     | 0.56  | 99.9      | 145.1115 | 60.6045 |
| 2009 | 6     | 28  | 8    | 56     | 40     | 0.3       | 2.6     | 0.56  | 100.1     | 145.1115 | 60.9335 |
| 2009 | 6     | 28  | 9    | 6      | 40     | 0.3       | 2.6     | 0.59  | 100       | 145.1115 | 63.5653 |
| 2009 | 6     | 28  | 9    | 16     | 40     | 0.3       | 2.6     | 0.52  | 95.5      | 145.3097 | 57.3931 |
| 2009 | 6     | 28  | 9    | 26     | 40     | 0.3       | 2.6     | 0.57  | 98.6      | 145.3097 | 62.005  |
| 2009 | 6     | 28  | 9    | 36     | 40     | 0.3       | 2.6     | 0.58  | 99.1      | 145.3097 | 63.3227 |
| 2009 | 6     | 28  | 9    | 46     | 40     | 0.3       | 2.6     | 0.6   | 95        | 145.3097 | 65.9581 |
| 2009 | 6     | 28  | 9    | 56     | 40     | 0.3       | 2.6     | 0.51  | 95.9      | 145.3097 | 56.4048 |
| 2009 | 6     | 28  | 10   | 6      | 40     | 0.3       | 2.6     | 0.52  | 97.2      | 145.3097 | 57.7225 |
| 2009 | 6     | 28  | 10   | 16     | 40     | 0.3       | 2.6     | 0.57  | 93.7      | 145.3097 | 62.3344 |
| 2009 | 6     | 28  | 10   | 26     | 40     | 0.3       | 2.6     | 0.53  | 97.4      | 145.3097 | 58.7108 |
| 2009 | 6     | 28  | 10   | 36     | 40     | 0.3       | 2.6     | 0.53  | 97.9      | 145.3097 | 58.0519 |
| 2009 | 6     | 28  | 10   | 46     | 40     | 0.3       | 2.6     | 0.54  | 96.6      | 145.3097 | 59.699  |
| 2009 | 6     | 28  | 10   | 56     | 40     | 0.3       | 2.6     | 0.59  | 99.2      | 145.3097 | 64.6404 |
| 2009 | 6     | 28  | 11   | 6      | 40     | 0.3       | 2.6     | 0.56  | 96.4      | 145.3097 | 61.3462 |
| 2009 | 6     | 28  | 11   | 16     | 40     | 0.3       | 2.6     | 0.51  | 94.8      | 145.3097 | 56.7342 |
| 2009 | 6     | 28  | 11   | 26     | 40     | 0.3       | 2.6     | 0.57  | 98.3      | 145.3097 | 62.3344 |
| 2009 | 6     | 28  | 11   | 36     | 40     | 0.3       | 2.6     | 0.55  | 94.8      | 145.3097 | 61.0167 |
| 2009 | 6     | 28  | 11   | 46     | 40     | 0.3       | 2.6     | 0.54  | 99.8      | 145.3097 | 59.0402 |
| 2009 | 6     | 28  | 11   | 56     | 40     | 0.3       | 2.6     | 0.58  | 95.5      | 145.5081 | 63.739  |
| 2009 | 6     | 28  | 12   | 6      | 40     | 0.3       | 2.6     | 0.53  | 99.3      | 145.3097 | 57.7225 |
| 2009 | 6     | 28  | 12   | 16     | 40     | 0.3       | 2.6     | 0.56  | 99.1      | 145.3097 | 61.3462 |
| 2009 | 6     | 28  | 12   | 26     | 40     | 0.3       | 2.6     | 0.55  | 94.1      | 145.3097 | 61.0167 |
| 2009 | 6     | 28  | 12   | 36     | 40     | 0.3       | 2.6     | 0.59  | 100.3     | 145.3097 | 63.6521 |
| 2009 | 6     | 28  | 12   | 46     | 40     | 0.3       | 2.6     | 0.54  | 97.4      | 145.3097 | 59.0402 |
| 2009 | 6     | 28  | 12   | 56     | 40     | 0.3       | 2.6     | 0.59  | 96.4      | 145.3097 | 64.6404 |
| 2009 | 6     | 28  | 13   | 6      | 40     | 0.3       | 2.6     | 0.56  | 98.1      | 145.3097 | 61.0167 |
| 2009 | 6     | 28  | 13   | 16     | 40     | 0.3       | 2.6     | 0.54  | 98.4      | 145.3097 | 59.3696 |
| 2009 | 6     | 28  | 13   | 26     | 40     | 0.3       | 2.6     | 0.58  | 96.9      | 145.3097 | 62.9933 |
| 2009 | 6     | 28  | 13   | 36     | 40     | 0.3       | 2.6     | 0.55  | 96.8      | 145.3097 | 60.6873 |
| 2009 | 6     | 28  | 13   | 46     | 40     | 0.3       | 2.6     | 0.54  | 95.2      | 145.3097 | 59.699  |
| 2009 | 6     | 28  | 13   | 56     | 40     | 0.3       | 2.6     | 0.61  | 97.7      | 145.3097 | 66.2875 |
| 2009 | 6     | 28  | 14   | 6      | 40     | 0.3       | 2.6     | 0.56  | 95.3      | 145.1115 | 61.9204 |
| 2009 | 6     | 28  | 14   | 16     | 40     | 0.3       | 2.6     | 0.58  | 99.5      | 145.1115 | 62.5784 |
| 2009 | 6     | 28  | 14   | 26     | 40     | 0.3       | 2.6     | 0.57  | 97        | 145.3097 | 62.005  |
| 2009 | 6     | 28  | 14   | 36     | 40     | 0.3       | 2.6     | 0.58  | 100       | 145.1115 | 63.2363 |
| 2009 | 6     | 28  | 14   | 46     | 40     | 0.3       | 2.6     | 0.52  | 103.5     | 145.1115 | 56.3278 |
| 2009 | 6     | 28  | 14   | 56     | 40     | 0.3       | 2.6     | 0.56  | 99.2      | 145.3097 | 60.6873 |
| 2009 | 6     | 28  | 15   | 6      | 40     | 0.3       | 2.6     | 0.59  | 95.1      | 145.3097 | 64.6404 |
| 2009 | 6     | 28  | 15   | 16     | 40     | 0.3       | 2.6     | 0.52  | 95.5      | 144.7152 | 57.1582 |
| 2009 | 6     | 28  | 15   | 26     | 40     | 0.3       | 2.6     | 0.57  | 98.9      | 145.1115 | 62.2494 |
| 2009 | 6     | 28  | 15   | 36     | 40     | 0.3       | 2.6     | 0.6   | 96.6      | 144.7152 | 65.3602 |
| 2009 | 6     | 28  | 15   | 46     | 40     | 0.3       | 2.6     | 0.54  | 94.2      | 144.9133 | 59.8647 |
| 2009 | 6     | 28  | 15   | 56     | 40     | 0.3       | 2.6     | 0.52  | 94        | 145.1115 | 57.3147 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 28  | 16   | 6      | 40     | 0.3       | 2.6     | 0.55  | 97.3      | 144.7152 | 59.7829 |
| 2009 | 6     | 28  | 16   | 16     | 40     | 0.3       | 2.6     | 0.51  | 93.3      | 144.7152 | 56.5021 |
| 2009 | 6     | 28  | 16   | 26     | 40     | 0.3       | 2.6     | 0.53  | 100.7     | 144.7152 | 57.8144 |
| 2009 | 6     | 28  | 16   | 36     | 40     | 0.3       | 2.6     | 0.57  | 94.3      | 144.7152 | 62.7356 |
| 2009 | 6     | 28  | 16   | 46     | 40     | 0.3       | 2.6     | 0.57  | 97        | 144.5172 | 61.9945 |
| 2009 | 6     | 28  | 16   | 56     | 40     | 0.3       | 2.6     | 0.55  | 97.5      | 144.5172 | 60.3563 |
| 2009 | 6     | 28  | 17   | 6      | 40     | 0.3       | 2.6     | 0.57  | 99.6      | 144.5172 | 61.9945 |
| 2009 | 6     | 28  | 17   | 16     | 40     | 0.3       | 2.6     | 0.46  | 98.6      | 144.5172 | 51.1827 |
| 2009 | 6     | 28  | 17   | 26     | 40     | 0.3       | 2.6     | 0.56  | 97.1      | 144.5172 | 61.0116 |
| 2009 | 6     | 28  | 17   | 36     | 40     | 0.3       | 2.6     | 0.53  | 94.6      | 144.5172 | 58.7182 |
| 2009 | 6     | 28  | 17   | 46     | 40     | 0.3       | 2.6     | 0.6   | 96.3      | 144.7152 | 65.0321 |
| 2009 | 6     | 28  | 17   | 56     | 40     | 0.3       | 2.6     | 0.52  | 97.6      | 144.5172 | 57.08   |
| 2009 | 6     | 28  | 18   | 6      | 40     | 0.3       | 2.6     | 0.56  | 93.7      | 144.5172 | 61.6668 |
| 2009 | 6     | 28  | 18   | 16     | 40     | 0.3       | 2.6     | 0.54  | 97        | 144.5172 | 59.3734 |
| 2009 | 6     | 28  | 18   | 26     | 40     | 0.3       | 2.6     | 0.56  | 97.1      | 144.5172 | 61.0116 |
| 2009 | 6     | 28  | 18   | 36     | 40     | 0.3       | 2.6     | 0.57  | 96.9      | 144.5172 | 62.3221 |
| 2009 | 6     | 28  | 18   | 46     | 40     | 0.3       | 2.6     | 0.53  | 94.3      | 144.5172 | 58.3905 |
| 2009 | 6     | 28  | 18   | 56     | 40     | 0.3       | 2.6     | 0.51  | 100.4     | 144.5172 | 55.4419 |
| 2009 | 6     | 28  | 19   | 6      | 40     | 0.3       | 2.6     | 0.52  | 101.2     | 144.5172 | 56.7524 |
| 2009 | 6     | 28  | 19   | 16     | 40     | 0.3       | 2.6     | 0.53  | 96.4      | 144.5172 | 58.3905 |
| 2009 | 6     | 28  | 19   | 26     | 40     | 0.3       | 2.6     | 0.58  | 98.5      | 144.7152 | 62.7356 |
| 2009 | 6     | 28  | 19   | 36     | 40     | 0.3       | 2.6     | 0.51  | 96.3      | 144.7152 | 56.5021 |
| 2009 | 6     | 28  | 19   | 46     | 40     | 0.3       | 2.6     | 0.54  | 101.1     | 144.7152 | 59.1267 |
| 2009 | 6     | 28  | 19   | 56     | 40     | 0.3       | 2.6     | 0.57  | 96.3      | 144.7152 | 62.0794 |
| 2009 | 6     | 28  | 20   | 6      | 40     | 0.3       | 2.6     | 0.55  | 95.5      | 144.9133 | 60.1932 |
| 2009 | 6     | 28  | 20   | 16     | 40     | 0.3       | 2.6     | 0.52  | 95.8      | 145.1115 | 57.6437 |
| 2009 | 6     | 28  | 20   | 26     | 40     | 0.3       | 2.6     | 0.6   | 95.7      | 145.1115 | 65.2102 |
| 2009 | 6     | 28  | 20   | 36     | 40     | 0.3       | 2.6     | 0.58  | 99        | 145.1115 | 63.5653 |
| 2009 | 6     | 28  | 20   | 46     | 40     | 0.3       | 2.6     | 0.56  | 95        | 145.1115 | 61.9204 |
| 2009 | 6     | 28  | 20   | 56     | 40     | 0.3       | 2.6     | 0.55  | 97.2      | 145.3097 | 60.3579 |
| 2009 | 6     | 28  | 21   | 6      | 40     | 0.3       | 2.6     | 0.55  | 97.2      | 145.3097 | 60.3579 |
| 2009 | 6     | 28  | 21   | 16     | 40     | 0.3       | 2.6     | 0.52  | 96.5      | 145.3097 | 57.3931 |
| 2009 | 6     | 28  | 21   | 26     | 40     | 0.3       | 2.6     | 0.56  | 100.2     | 145.3097 | 60.6873 |
| 2009 | 6     | 28  | 21   | 36     | 40     | 0.3       | 2.6     | 0.56  | 93.3      | 145.3097 | 62.005  |
| 2009 | 6     | 28  | 21   | 46     | 40     | 0.3       | 2.6     | 0.55  | 97.2      | 145.3097 | 60.3579 |
| 2009 | 6     | 28  | 21   | 56     | 40     | 0.3       | 2.6     | 0.55  | 94.8      | 145.3097 | 61.0167 |
| 2009 | 6     | 28  | 22   | 6      | 40     | 0.3       | 2.6     | 0.55  | 96.9      | 145.3097 | 60.3579 |
| 2009 | 6     | 28  | 22   | 16     | 40     | 0.3       | 2.6     | 0.53  | 97.5      | 145.3097 | 58.3813 |
| 2009 | 6     | 28  | 22   | 26     | 40     | 0.3       | 2.6     | 0.53  | 95.7      | 145.3097 | 58.3813 |
| 2009 | 6     | 28  | 22   | 36     | 40     | 0.3       | 2.6     | 0.59  | 100.6     | 145.3097 | 63.9816 |
| 2009 | 6     | 28  | 22   | 46     | 40     | 0.3       | 2.6     | 0.56  | 95.4      | 145.3097 | 61.6756 |
| 2009 | 6     | 28  | 22   | 56     | 40     | 0.3       | 2.6     | 0.56  | 97.5      | 145.3097 | 61.0167 |
| 2009 | 6     | 28  | 23   | 6      | 40     | 0.3       | 2.6     | 0.56  | 96.3      | 145.5081 | 62.0896 |
| 2009 | 6     | 28  | 23   | 16     | 40     | 0.3       | 2.6     | 0.6   | 98.1      | 145.5081 | 65.7183 |
| 2009 | 6     | 28  | 23   | 26     | 40     | 0.3       | 2.6     | 0.53  | 93.6      | 145.5081 | 58.461  |
| 2009 | 6     | 28  | 23   | 36     | 40     | 0.3       | 2.6     | 0.56  | 98.7      | 145.5081 | 61.7598 |
| 2009 | 6     | 28  | 23   | 46     | 40     | 0.3       | 2.6     | 0.53  | 97.2      | 145.5081 | 58.1311 |
| 2009 | 6     | 28  | 23   | 56     | 40     | 0.3       | 2.6     | 0.54  | 95.6      | 145.5081 | 59.7805 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 29  | 0    | 6      | 40     | 0.3       | 2.6     | 0.53  | 95.7      | 145.5081 | 58.461  |
| 2009 | 6     | 29  | 0    | 16     | 40     | 0.3       | 2.6     | 0.52  | 99.9      | 145.5081 | 56.8116 |
| 2009 | 6     | 29  | 0    | 26     | 40     | 0.3       | 2.6     | 0.55  | 97.3      | 145.5081 | 60.1104 |
| 2009 | 6     | 29  | 0    | 36     | 40     | 0.3       | 2.6     | 0.56  | 97.4      | 145.5081 | 61.7598 |
| 2009 | 6     | 29  | 0    | 46     | 40     | 0.3       | 2.6     | 0.54  | 99        | 145.5081 | 59.7805 |
| 2009 | 6     | 29  | 0    | 56     | 40     | 0.3       | 2.6     | 0.52  | 96.1      | 145.5081 | 58.1311 |
| 2009 | 6     | 29  | 1    | 6      | 40     | 0.3       | 2.6     | 0.59  | 94.8      | 145.5081 | 64.7286 |
| 2009 | 6     | 29  | 1    | 16     | 40     | 0.3       | 2.6     | 0.56  | 97.5      | 145.5081 | 61.1    |
| 2009 | 6     | 29  | 1    | 26     | 40     | 0.3       | 2.6     | 0.58  | 96.9      | 145.5081 | 63.0793 |
| 2009 | 6     | 29  | 1    | 36     | 40     | 0.3       | 2.6     | 0.54  | 99.1      | 145.5081 | 59.1208 |
| 2009 | 6     | 29  | 1    | 46     | 40     | 0.3       | 2.6     | 0.49  | 98.8      | 145.5081 | 54.5025 |
| 2009 | 6     | 29  | 1    | 56     | 40     | 0.3       | 2.6     | 0.54  | 96.6      | 145.5081 | 59.7805 |
| 2009 | 6     | 29  | 2    | 6      | 40     | 0.3       | 2.6     | 0.53  | 97.1      | 145.7065 | 58.5407 |
| 2009 | 6     | 29  | 2    | 16     | 40     | 0.3       | 2.6     | 0.52  | 95.4      | 145.5081 | 57.8013 |
| 2009 | 6     | 29  | 2    | 26     | 40     | 0.3       | 2.6     | 0.54  | 93.5      | 145.5081 | 59.4506 |
| 2009 | 6     | 29  | 2    | 36     | 40     | 0.3       | 2.6     | 0.53  | 100       | 145.7065 | 57.8801 |
| 2009 | 6     | 29  | 2    | 46     | 40     | 0.3       | 2.6     | 0.58  | 98.5      | 145.5081 | 63.0793 |
| 2009 | 6     | 29  | 2    | 56     | 40     | 0.3       | 2.6     | 0.49  | 97        | 145.7065 | 54.2465 |
| 2009 | 6     | 29  | 3    | 6      | 40     | 0.3       | 2.6     | 0.59  | 101.9     | 145.7065 | 63.826  |
| 2009 | 6     | 29  | 3    | 16     | 40     | 0.3       | 2.6     | 0.58  | 95.5      | 145.7065 | 63.826  |
| 2009 | 6     | 29  | 3    | 26     | 40     | 0.3       | 2.6     | 0.52  | 95.8      | 145.7065 | 57.8801 |
| 2009 | 6     | 29  | 3    | 36     | 40     | 0.3       | 2.6     | 0.58  | 98.1      | 145.7065 | 63.4956 |
| 2009 | 6     | 29  | 3    | 46     | 40     | 0.3       | 2.6     | 0.56  | 96.7      | 145.7065 | 61.5137 |
| 2009 | 6     | 29  | 3    | 56     | 40     | 0.3       | 2.6     | 0.53  | 99.3      | 145.7065 | 58.2104 |
| 2009 | 6     | 29  | 4    | 6      | 40     | 0.3       | 2.6     | 0.57  | 95.6      | 145.7065 | 63.1653 |
| 2009 | 6     | 29  | 4    | 16     | 40     | 0.3       | 2.6     | 0.59  | 91.3      | 145.7065 | 65.4776 |
| 2009 | 6     | 29  | 4    | 26     | 40     | 0.3       | 2.6     | 0.49  | 91.5      | 145.7065 | 54.9072 |
| 2009 | 6     | 29  | 4    | 36     | 40     | 0.3       | 2.6     | 0.56  | 97.1      | 145.7065 | 61.1834 |
| 2009 | 6     | 29  | 4    | 46     | 40     | 0.3       | 2.6     | 0.54  | 97.4      | 145.7065 | 59.2014 |
| 2009 | 6     | 29  | 4    | 56     | 40     | 0.3       | 2.6     | 0.52  | 96.1      | 145.7065 | 58.2104 |
| 2009 | 6     | 29  | 5    | 6      | 40     | 0.3       | 2.6     | 0.58  | 97.9      | 145.7065 | 63.1653 |
| 2009 | 6     | 29  | 5    | 16     | 40     | 0.3       | 2.6     | 0.5   | 94.1      | 145.7065 | 55.8981 |
| 2009 | 6     | 29  | 5    | 26     | 40     | 0.3       | 2.6     | 0.56  | 99.8      | 145.7065 | 61.1834 |
| 2009 | 6     | 29  | 5    | 36     | 40     | 0.3       | 2.6     | 0.57  | 97        | 145.7065 | 62.1743 |
| 2009 | 6     | 29  | 5    | 46     | 40     | 0.3       | 2.6     | 0.57  | 96.9      | 145.7065 | 62.835  |
| 2009 | 6     | 29  | 5    | 56     | 40     | 0.3       | 2.6     | 0.49  | 97.7      | 145.905  | 54.6512 |
| 2009 | 6     | 29  | 6    | 6      | 40     | 0.3       | 2.6     | 0.53  | 95.7      | 145.905  | 58.6205 |
| 2009 | 6     | 29  | 6    | 16     | 40     | 0.3       | 2.6     | 0.61  | 98.3      | 145.905  | 66.5591 |
| 2009 | 6     | 29  | 6    | 26     | 40     | 0.3       | 2.6     | 0.53  | 95.7      | 145.905  | 58.9513 |
| 2009 | 6     | 29  | 6    | 36     | 40     | 0.3       | 2.6     | 0.58  | 98.5      | 145.905  | 63.5821 |
| 2009 | 6     | 29  | 6    | 46     | 40     | 0.3       | 2.6     | 0.58  | 98.7      | 145.905  | 63.9129 |
| 2009 | 6     | 29  | 6    | 56     | 40     | 0.3       | 2.6     | 0.55  | 97.9      | 145.905  | 60.2744 |
| 2009 | 6     | 29  | 7    | 6      | 40     | 0.3       | 2.6     | 0.5   | 97.1      | 145.905  | 55.9743 |
| 2009 | 6     | 29  | 7    | 16     | 40     | 0.3       | 2.6     | 0.58  | 95.9      | 146.1036 | 63.6687 |
| 2009 | 6     | 29  | 7    | 26     | 40     | 0.3       | 2.6     | 0.55  | 93.8      | 146.1036 | 61.0189 |
| 2009 | 6     | 29  | 7    | 36     | 40     | 0.3       | 2.6     | 0.56  | 97.1      | 146.1036 | 61.6813 |
| 2009 | 6     | 29  | 7    | 46     | 40     | 0.3       | 2.6     | 0.59  | 99.9      | 146.1036 | 64.6624 |
| 2009 | 6     | 29  | 7    | 56     | 40     | 0.3       | 2.6     | 0.57  | 96.3      | 146.1036 | 63.0062 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 29  | 8    | 6      | 40     | 0.3       | 2.6     | 0.57  | 98.6      | 146.1036 | 62.675  |
| 2009 | 6     | 29  | 8    | 16     | 40     | 0.3       | 2.6     | 0.58  | 97.1      | 146.1036 | 63.9999 |
| 2009 | 6     | 29  | 8    | 26     | 40     | 0.3       | 2.6     | 0.57  | 102       | 146.1036 | 61.6813 |
| 2009 | 6     | 29  | 8    | 36     | 40     | 0.3       | 2.6     | 0.49  | 98.1      | 146.1036 | 54.3944 |
| 2009 | 6     | 29  | 8    | 46     | 40     | 0.3       | 2.6     | 0.64  | 96.2      | 146.1036 | 69.962  |
| 2009 | 6     | 29  | 8    | 56     | 40     | 0.3       | 2.6     | 0.57  | 98.2      | 146.1036 | 63.0062 |
| 2009 | 6     | 29  | 9    | 6      | 40     | 0.3       | 2.6     | 0.58  | 95.2      | 146.1036 | 64.3311 |
| 2009 | 6     | 29  | 9    | 16     | 40     | 0.3       | 2.6     | 0.6   | 95.4      | 146.1036 | 65.656  |
| 2009 | 6     | 29  | 9    | 26     | 40     | 0.3       | 2.6     | 0.54  | 98.4      | 146.1036 | 59.694  |
| 2009 | 6     | 29  | 9    | 36     | 40     | 0.3       | 2.6     | 0.58  | 95.2      | 146.1036 | 64.3311 |
| 2009 | 6     | 29  | 9    | 46     | 40     | 0.3       | 2.6     | 0.61  | 95.6      | 146.1036 | 66.9809 |
| 2009 | 6     | 29  | 9    | 56     | 40     | 0.3       | 2.6     | 0.55  | 93.8      | 146.1036 | 61.0189 |
| 2009 | 6     | 29  | 10   | 6      | 40     | 0.3       | 2.6     | 0.58  | 96.4      | 146.1036 | 64.3311 |
| 2009 | 6     | 29  | 10   | 16     | 40     | 0.3       | 2.6     | 0.61  | 96.8      | 146.1036 | 66.6497 |
| 2009 | 6     | 29  | 10   | 26     | 40     | 0.3       | 2.6     | 0.54  | 98.7      | 146.1036 | 60.0252 |
| 2009 | 6     | 29  | 10   | 36     | 40     | 0.3       | 2.6     | 0.56  | 97.5      | 146.1036 | 61.3501 |
| 2009 | 6     | 29  | 10   | 46     | 40     | 0.3       | 2.6     | 0.52  | 99.8      | 146.1036 | 57.7066 |
| 2009 | 6     | 29  | 10   | 56     | 40     | 0.3       | 2.6     | 0.55  | 97.3      | 146.1036 | 60.3564 |
| 2009 | 6     | 29  | 11   | 6      | 40     | 0.3       | 2.6     | 0.55  | 95.4      | 146.1036 | 61.3501 |
| 2009 | 6     | 29  | 11   | 16     | 40     | 0.3       | 2.6     | 0.51  | 96.2      | 146.1036 | 57.3754 |
| 2009 | 6     | 29  | 11   | 26     | 40     | 0.3       | 2.6     | 0.51  | 95.5      | 146.1036 | 57.0442 |
| 2009 | 6     | 29  | 11   | 36     | 40     | 0.3       | 2.6     | 0.51  | 94.8      | 146.1036 | 57.0442 |
| 2009 | 6     | 29  | 11   | 46     | 40     | 0.3       | 2.6     | 0.55  | 99.3      | 146.1036 | 60.0252 |
| 2009 | 6     | 29  | 11   | 56     | 40     | 0.3       | 2.6     | 0.57  | 100       | 146.3023 | 62.0969 |
| 2009 | 6     | 29  | 12   | 6      | 40     | 0.3       | 2.6     | 0.59  | 100.2     | 146.1036 | 64.6624 |
| 2009 | 6     | 29  | 12   | 16     | 40     | 0.3       | 2.6     | 0.59  | 95.4      | 146.1036 | 65.3248 |
| 2009 | 6     | 29  | 12   | 26     | 40     | 0.3       | 2.6     | 0.58  | 94.2      | 146.1036 | 64.3311 |
| 2009 | 6     | 29  | 12   | 36     | 40     | 0.3       | 2.6     | 0.6   | 97.2      | 146.1036 | 65.656  |
| 2009 | 6     | 29  | 12   | 46     | 40     | 0.3       | 2.6     | 0.55  | 96.2      | 146.1036 | 61.0189 |
| 2009 | 6     | 29  | 12   | 56     | 40     | 0.3       | 2.6     | 0.58  | 98.7      | 146.1036 | 63.9999 |
| 2009 | 6     | 29  | 13   | 6      | 40     | 0.3       | 2.6     | 0.56  | 94        | 146.1036 | 62.3438 |
| 2009 | 6     | 29  | 13   | 16     | 40     | 0.3       | 2.6     | 0.62  | 94.9      | 146.1036 | 67.6434 |
| 2009 | 6     | 29  | 13   | 26     | 40     | 0.3       | 2.6     | 0.54  | 94.9      | 146.1036 | 59.694  |
| 2009 | 6     | 29  | 13   | 36     | 40     | 0.3       | 2.6     | 0.58  | 93.2      | 146.1036 | 64.3311 |
| 2009 | 6     | 29  | 13   | 46     | 40     | 0.3       | 2.6     | 0.6   | 97.9      | 146.1036 | 65.656  |
| 2009 | 6     | 29  | 13   | 56     | 40     | 0.3       | 2.6     | 0.59  | 95.5      | 146.1036 | 64.6624 |
| 2009 | 6     | 29  | 14   | 6      | 40     | 0.3       | 2.6     | 0.57  | 97.7      | 146.1036 | 62.3438 |
| 2009 | 6     | 29  | 14   | 16     | 40     | 0.3       | 2.6     | 0.62  | 96        | 146.1036 | 68.3058 |
| 2009 | 6     | 29  | 14   | 26     | 40     | 0.3       | 2.6     | 0.59  | 97.4      | 146.1036 | 64.3311 |
| 2009 | 6     | 29  | 14   | 36     | 40     | 0.3       | 2.6     | 0.62  | 97.3      | 146.1036 | 67.6434 |
| 2009 | 6     | 29  | 14   | 46     | 40     | 0.3       | 2.6     | 0.65  | 95.2      | 146.1036 | 71.2869 |
| 2009 | 6     | 29  | 14   | 56     | 40     | 0.3       | 2.6     | 0.62  | 94.8      | 146.1036 | 68.3058 |
| 2009 | 6     | 29  | 15   | 6      | 40     | 0.3       | 2.6     | 0.6   | 96.3      | 146.1036 | 65.656  |
| 2009 | 6     | 29  | 15   | 16     | 40     | 0.3       | 2.6     | 0.58  | 96.1      | 146.1036 | 64.3311 |
| 2009 | 6     | 29  | 15   | 26     | 40     | 0.3       | 2.6     | 0.59  | 97        | 146.1036 | 64.6624 |
| 2009 | 6     | 29  | 15   | 36     | 40     | 0.3       | 2.6     | 0.57  | 95.3      | 146.1036 | 62.675  |
| 2009 | 6     | 29  | 15   | 46     | 40     | 0.3       | 2.6     | 0.58  | 92.9      | 145.905  | 64.5745 |
| 2009 | 6     | 29  | 15   | 56     | 40     | 0.3       | 2.6     | 0.56  | 93.7      | 146.1036 | 61.6813 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 29  | 16   | 6      | 40     | 0.3       | 2.6     | 0.62  | 92.4      | 146.1036 | 68.3058 |
| 2009 | 6     | 29  | 16   | 16     | 40     | 0.3       | 2.6     | 0.6   | 93.8      | 146.1036 | 66.3185 |
| 2009 | 6     | 29  | 16   | 26     | 40     | 0.3       | 2.6     | 0.55  | 94.1      | 146.1036 | 61.0189 |
| 2009 | 6     | 29  | 16   | 36     | 40     | 0.3       | 2.6     | 0.57  | 96.6      | 146.1036 | 63.3374 |
| 2009 | 6     | 29  | 16   | 46     | 40     | 0.3       | 2.6     | 0.59  | 93.5      | 146.1036 | 65.656  |
| 2009 | 6     | 29  | 16   | 56     | 40     | 0.3       | 2.6     | 0.63  | 100       | 146.1036 | 67.9746 |
| 2009 | 6     | 29  | 17   | 6      | 40     | 0.3       | 2.6     | 0.53  | 95.7      | 146.1036 | 59.0315 |
| 2009 | 6     | 29  | 17   | 16     | 40     | 0.3       | 2.6     | 0.57  | 93.3      | 146.1036 | 63.3374 |
| 2009 | 6     | 29  | 17   | 26     | 40     | 0.3       | 2.6     | 0.64  | 98.8      | 146.1036 | 69.6307 |
| 2009 | 6     | 29  | 17   | 36     | 40     | 0.3       | 2.6     | 0.64  | 96.8      | 146.1036 | 69.6307 |
| 2009 | 6     | 29  | 17   | 46     | 40     | 0.3       | 2.6     | 0.65  | 96.6      | 146.1036 | 71.2869 |
| 2009 | 6     | 29  | 17   | 56     | 40     | 0.3       | 2.6     | 0.57  | 92.3      | 146.1036 | 63.6687 |
| 2009 | 6     | 29  | 18   | 6      | 40     | 0.3       | 2.6     | 0.55  | 94.8      | 146.1036 | 61.3501 |
| 2009 | 6     | 29  | 18   | 16     | 40     | 0.3       | 2.6     | 0.62  | 97.3      | 146.1036 | 67.6434 |
| 2009 | 6     | 29  | 18   | 26     | 40     | 0.3       | 2.6     | 0.58  | 96.5      | 146.1036 | 63.9999 |
| 2009 | 6     | 29  | 18   | 36     | 40     | 0.3       | 2.6     | 0.57  | 94.9      | 146.1036 | 63.3374 |
| 2009 | 6     | 29  | 18   | 46     | 40     | 0.3       | 2.6     | 0.59  | 97        | 146.1036 | 65.3248 |
| 2009 | 6     | 29  | 18   | 56     | 40     | 0.3       | 2.6     | 0.54  | 99.9      | 146.1036 | 59.0315 |
| 2009 | 6     | 29  | 19   | 6      | 40     | 0.3       | 2.6     | 0.6   | 93.1      | 146.1036 | 66.3185 |
| 2009 | 6     | 29  | 19   | 16     | 40     | 0.3       | 2.6     | 0.54  | 99.5      | 146.1036 | 59.3627 |
| 2009 | 6     | 29  | 19   | 26     | 40     | 0.3       | 2.6     | 0.56  | 93.3      | 146.1036 | 62.3438 |
| 2009 | 6     | 29  | 19   | 36     | 40     | 0.3       | 2.6     | 0.6   | 94.4      | 146.1036 | 65.9873 |
| 2009 | 6     | 29  | 19   | 46     | 40     | 0.3       | 2.6     | 0.6   | 96.6      | 146.1036 | 65.656  |
| 2009 | 6     | 29  | 19   | 56     | 40     | 0.3       | 2.6     | 0.55  | 94.8      | 146.1036 | 60.6876 |
| 2009 | 6     | 29  | 20   | 6      | 40     | 0.3       | 2.6     | 0.63  | 97.5      | 146.1036 | 68.9683 |
| 2009 | 6     | 29  | 20   | 16     | 40     | 0.3       | 2.6     | 0.57  | 93        | 146.3023 | 63.0919 |
| 2009 | 6     | 29  | 20   | 26     | 40     | 0.3       | 2.6     | 0.6   | 90.6      | 146.1036 | 66.3185 |
| 2009 | 6     | 29  | 20   | 36     | 40     | 0.3       | 2.6     | 0.57  | 98.9      | 146.3023 | 62.7602 |
| 2009 | 6     | 29  | 20   | 46     | 40     | 0.3       | 2.6     | 0.61  | 98.7      | 146.1036 | 66.6497 |
| 2009 | 6     | 29  | 20   | 56     | 40     | 0.3       | 2.6     | 0.57  | 97        | 146.1036 | 62.3438 |
| 2009 | 6     | 29  | 21   | 6      | 40     | 0.3       | 2.6     | 0.6   | 97.9      | 146.1036 | 65.656  |
| 2009 | 6     | 29  | 21   | 16     | 40     | 0.3       | 2.6     | 0.55  | 98.6      | 146.1036 | 60.6876 |
| 2009 | 6     | 29  | 21   | 26     | 40     | 0.3       | 2.6     | 0.6   | 98.2      | 146.1036 | 65.656  |
| 2009 | 6     | 29  | 21   | 36     | 40     | 0.3       | 2.6     | 0.63  | 94.5      | 146.3023 | 69.3938 |
| 2009 | 6     | 29  | 21   | 46     | 40     | 0.3       | 2.6     | 0.61  | 95.9      | 146.3023 | 67.072  |
| 2009 | 6     | 29  | 21   | 56     | 40     | 0.3       | 2.6     | 0.6   | 98.1      | 146.3023 | 66.077  |
| 2009 | 6     | 29  | 22   | 6      | 40     | 0.3       | 2.6     | 0.59  | 92.6      | 146.3023 | 65.082  |
| 2009 | 6     | 29  | 22   | 16     | 40     | 0.3       | 2.6     | 0.65  | 96.1      | 146.3023 | 71.0521 |
| 2009 | 6     | 29  | 22   | 26     | 40     | 0.3       | 2.6     | 0.63  | 97.2      | 146.3023 | 68.7304 |
| 2009 | 6     | 29  | 22   | 36     | 40     | 0.3       | 2.6     | 0.58  | 96.2      | 146.3023 | 64.0869 |
| 2009 | 6     | 29  | 22   | 46     | 40     | 0.3       | 2.6     | 0.56  | 94.4      | 146.3023 | 61.7652 |
| 2009 | 6     | 29  | 22   | 56     | 40     | 0.3       | 2.6     | 0.59  | 94.4      | 146.3023 | 65.4136 |
| 2009 | 6     | 29  | 23   | 6      | 40     | 0.3       | 2.6     | 0.6   | 96.6      | 146.3023 | 65.7453 |
| 2009 | 6     | 29  | 23   | 16     | 40     | 0.3       | 2.6     | 0.56  | 95.3      | 146.3023 | 62.4286 |
| 2009 | 6     | 29  | 23   | 26     | 40     | 0.3       | 2.6     | 0.58  | 94.6      | 146.3023 | 63.7553 |
| 2009 | 6     | 29  | 23   | 36     | 40     | 0.3       | 2.6     | 0.57  | 97.2      | 146.3023 | 63.0919 |
| 2009 | 6     | 29  | 23   | 46     | 40     | 0.3       | 2.6     | 0.62  | 96.4      | 146.3023 | 68.0671 |
| 2009 | 6     | 29  | 23   | 56     | 40     | 0.3       | 2.6     | 0.62  | 98.2      | 146.5011 | 68.1595 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 30  | 0    | 6      | 40     | 0.3       | 2.6     | 0.63  | 95.4      | 146.5011 | 69.1559 |
| 2009 | 6     | 30  | 0    | 16     | 40     | 0.3       | 2.6     | 0.59  | 94.4      | 146.5011 | 65.5025 |
| 2009 | 6     | 30  | 0    | 26     | 40     | 0.3       | 2.6     | 0.61  | 99.6      | 146.5011 | 66.4989 |
| 2009 | 6     | 30  | 0    | 36     | 40     | 0.3       | 2.6     | 0.62  | 100       | 146.5011 | 67.8274 |
| 2009 | 6     | 30  | 0    | 46     | 40     | 0.3       | 2.6     | 0.57  | 100.3     | 146.7    | 62.5982 |
| 2009 | 6     | 30  | 0    | 56     | 40     | 0.3       | 2.6     | 0.58  | 98.8      | 146.7    | 63.9286 |
| 2009 | 6     | 30  | 1    | 6      | 40     | 0.3       | 2.6     | 0.55  | 93.4      | 146.8989 | 61.684  |
| 2009 | 6     | 30  | 1    | 16     | 40     | 0.3       | 2.6     | 0.57  | 95.3      | 146.8989 | 63.6822 |
| 2009 | 6     | 30  | 1    | 26     | 40     | 0.3       | 2.6     | 0.55  | 95.4      | 147.0979 | 61.7676 |
| 2009 | 6     | 30  | 1    | 36     | 40     | 0.3       | 2.6     | 0.65  | 97.5      | 147.297  | 71.5352 |
| 2009 | 6     | 30  | 1    | 46     | 40     | 0.3       | 2.6     | 0.64  | 94.4      | 147.0979 | 70.4381 |
| 2009 | 6     | 30  | 1    | 56     | 40     | 0.3       | 2.6     | 0.52  | 98.7      | 147.297  | 57.8441 |
| 2009 | 6     | 30  | 2    | 6      | 40     | 0.3       | 2.6     | 0.58  | 95.2      | 147.297  | 64.1887 |
| 2009 | 6     | 30  | 2    | 16     | 40     | 0.3       | 2.6     | 0.59  | 98.9      | 147.297  | 65.5245 |
| 2009 | 6     | 30  | 2    | 26     | 40     | 0.3       | 2.6     | 0.56  | 97.1      | 147.297  | 62.1852 |
| 2009 | 6     | 30  | 2    | 36     | 40     | 0.3       | 2.6     | 0.59  | 98        | 147.297  | 64.8566 |
| 2009 | 6     | 30  | 2    | 46     | 40     | 0.3       | 2.6     | 0.59  | 96.1      | 147.297  | 65.1905 |
| 2009 | 6     | 30  | 2    | 56     | 40     | 0.3       | 2.6     | 0.59  | 94.8      | 147.297  | 65.5245 |
| 2009 | 6     | 30  | 3    | 6      | 40     | 0.3       | 2.6     | 0.59  | 96.1      | 147.4962 | 65.2787 |
| 2009 | 6     | 30  | 3    | 16     | 40     | 0.3       | 2.6     | 0.59  | 99        | 147.4962 | 64.9443 |
| 2009 | 6     | 30  | 3    | 26     | 40     | 0.3       | 2.6     | 0.61  | 95.3      | 147.4962 | 67.6194 |
| 2009 | 6     | 30  | 3    | 36     | 40     | 0.3       | 2.6     | 0.59  | 98.3      | 147.4962 | 65.2787 |
| 2009 | 6     | 30  | 3    | 46     | 40     | 0.3       | 2.6     | 0.59  | 95.4      | 147.4962 | 65.6131 |
| 2009 | 6     | 30  | 3    | 56     | 40     | 0.3       | 2.6     | 0.57  | 97        | 147.4962 | 63.2724 |
| 2009 | 6     | 30  | 4    | 6      | 40     | 0.3       | 2.6     | 0.6   | 97.2      | 147.4962 | 66.6162 |
| 2009 | 6     | 30  | 4    | 16     | 40     | 0.3       | 2.6     | 0.56  | 99.5      | 147.6955 | 62.0185 |
| 2009 | 6     | 30  | 4    | 26     | 40     | 0.3       | 2.6     | 0.61  | 96.5      | 147.6955 | 67.3759 |
| 2009 | 6     | 30  | 4    | 36     | 40     | 0.3       | 2.6     | 0.54  | 97        | 147.6955 | 60.3444 |
| 2009 | 6     | 30  | 4    | 46     | 40     | 0.3       | 2.6     | 0.61  | 98        | 147.6955 | 67.3759 |
| 2009 | 6     | 30  | 4    | 56     | 40     | 0.3       | 2.6     | 0.57  | 96.6      | 147.6955 | 64.0275 |
| 2009 | 6     | 30  | 5    | 6      | 40     | 0.3       | 2.6     | 0.57  | 96.6      | 147.6955 | 63.6927 |
| 2009 | 6     | 30  | 5    | 16     | 40     | 0.3       | 2.6     | 0.62  | 94.2      | 147.6955 | 69.0501 |
| 2009 | 6     | 30  | 5    | 26     | 40     | 0.3       | 2.6     | 0.59  | 94.2      | 147.6955 | 65.7017 |
| 2009 | 6     | 30  | 5    | 36     | 40     | 0.3       | 2.6     | 0.6   | 96.9      | 147.6955 | 66.3714 |
| 2009 | 6     | 30  | 5    | 46     | 40     | 0.3       | 2.6     | 0.59  | 100.2     | 147.6955 | 65.3669 |
| 2009 | 6     | 30  | 5    | 56     | 40     | 0.3       | 2.6     | 0.57  | 97        | 147.6955 | 63.3579 |
| 2009 | 6     | 30  | 6    | 6      | 40     | 0.3       | 2.6     | 0.6   | 93.7      | 147.6955 | 67.3759 |
| 2009 | 6     | 30  | 6    | 16     | 40     | 0.3       | 2.6     | 0.54  | 99.2      | 147.8949 | 59.7553 |
| 2009 | 6     | 30  | 6    | 26     | 40     | 0.3       | 2.6     | 0.54  | 98        | 147.8949 | 60.4258 |
| 2009 | 6     | 30  | 6    | 36     | 40     | 0.3       | 2.6     | 0.57  | 95.3      | 147.8949 | 63.7787 |
| 2009 | 6     | 30  | 6    | 46     | 40     | 0.3       | 2.6     | 0.58  | 98.5      | 147.8949 | 64.4493 |
| 2009 | 6     | 30  | 6    | 56     | 40     | 0.3       | 2.6     | 0.56  | 96.3      | 147.8949 | 63.1081 |
| 2009 | 6     | 30  | 7    | 6      | 40     | 0.3       | 2.6     | 0.59  | 94.5      | 147.8949 | 65.4551 |
| 2009 | 6     | 30  | 7    | 16     | 40     | 0.3       | 2.6     | 0.58  | 99.5      | 147.8949 | 64.114  |
| 2009 | 6     | 30  | 7    | 26     | 40     | 0.3       | 2.6     | 0.56  | 98.1      | 147.8949 | 62.4375 |
| 2009 | 6     | 30  | 7    | 36     | 40     | 0.3       | 2.6     | 0.62  | 98.3      | 147.8949 | 68.1374 |
| 2009 | 6     | 30  | 7    | 46     | 40     | 0.3       | 2.6     | 0.6   | 99.5      | 147.8949 | 66.1257 |
| 2009 | 6     | 30  | 7    | 56     | 40     | 0.3       | 2.6     | 0.6   | 98.5      | 147.8949 | 66.461  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 30  | 8    | 6      | 40     | 0.3       | 2.6     | 0.6   | 100       | 147.8949 | 66.461  |
| 2009 | 6     | 30  | 8    | 16     | 40     | 0.3       | 2.6     | 0.61  | 94.9      | 147.8949 | 67.8021 |
| 2009 | 6     | 30  | 8    | 26     | 40     | 0.3       | 2.6     | 0.59  | 96.7      | 147.8949 | 65.7904 |
| 2009 | 6     | 30  | 8    | 36     | 40     | 0.3       | 2.6     | 0.58  | 96.8      | 147.8949 | 64.4493 |
| 2009 | 6     | 30  | 8    | 46     | 40     | 0.3       | 2.6     | 0.6   | 95.3      | 147.8949 | 67.1316 |
| 2009 | 6     | 30  | 8    | 56     | 40     | 0.3       | 2.6     | 0.54  | 98.1      | 148.0943 | 60.1716 |
| 2009 | 6     | 30  | 9    | 6      | 40     | 0.3       | 2.6     | 0.59  | 98.6      | 148.0943 | 65.5434 |
| 2009 | 6     | 30  | 9    | 16     | 40     | 0.3       | 2.6     | 0.57  | 95.3      | 148.0943 | 64.2004 |
| 2009 | 6     | 30  | 9    | 26     | 40     | 0.3       | 2.6     | 0.58  | 95.8      | 148.0943 | 65.2077 |
| 2009 | 6     | 30  | 9    | 36     | 40     | 0.3       | 2.6     | 0.62  | 95.5      | 148.0943 | 68.565  |
| 2009 | 6     | 30  | 9    | 46     | 40     | 0.3       | 2.6     | 0.58  | 98.7      | 148.0943 | 64.8719 |
| 2009 | 6     | 30  | 9    | 56     | 40     | 0.3       | 2.6     | 0.61  | 96.7      | 148.0943 | 68.2293 |
| 2009 | 6     | 30  | 10   | 6      | 40     | 0.3       | 2.6     | 0.57  | 96.9      | 148.0943 | 63.8647 |
| 2009 | 6     | 30  | 10   | 16     | 40     | 0.3       | 2.6     | 0.54  | 99        | 148.0943 | 60.8431 |
| 2009 | 6     | 30  | 10   | 26     | 40     | 0.3       | 2.6     | 0.59  | 97.3      | 148.0943 | 65.8791 |
| 2009 | 6     | 30  | 10   | 36     | 40     | 0.3       | 2.6     | 0.63  | 95.4      | 148.0943 | 69.5723 |
| 2009 | 6     | 30  | 10   | 46     | 40     | 0.3       | 2.6     | 0.62  | 93.6      | 148.0943 | 69.5723 |
| 2009 | 6     | 30  | 10   | 56     | 40     | 0.3       | 2.6     | 0.58  | 93.6      | 148.0943 | 65.2077 |
| 2009 | 6     | 30  | 11   | 6      | 40     | 0.3       | 2.6     | 0.54  | 98.1      | 148.2939 | 60.2527 |
| 2009 | 6     | 30  | 11   | 16     | 40     | 0.3       | 2.6     | 0.59  | 95.4      | 148.2939 | 66.3041 |
| 2009 | 6     | 30  | 11   | 26     | 40     | 0.3       | 2.6     | 0.6   | 96        | 148.2939 | 66.6403 |
| 2009 | 6     | 30  | 11   | 36     | 40     | 0.3       | 2.6     | 0.58  | 94.2      | 148.2939 | 65.2955 |
| 2009 | 6     | 30  | 11   | 46     | 40     | 0.3       | 2.6     | 0.66  | 97.5      | 148.2939 | 72.3555 |
| 2009 | 6     | 30  | 11   | 56     | 40     | 0.3       | 2.6     | 0.59  | 95.1      | 148.2939 | 66.3041 |
| 2009 | 6     | 30  | 12   | 6      | 40     | 0.3       | 2.6     | 0.59  | 94.4      | 148.2939 | 66.3041 |
| 2009 | 6     | 30  | 12   | 16     | 40     | 0.3       | 2.6     | 0.57  | 96.6      | 148.2939 | 64.2869 |
| 2009 | 6     | 30  | 12   | 26     | 40     | 0.3       | 2.6     | 0.56  | 97.1      | 148.2939 | 62.606  |
| 2009 | 6     | 30  | 12   | 36     | 40     | 0.3       | 2.6     | 0.59  | 97.3      | 148.2939 | 65.9679 |
| 2009 | 6     | 30  | 12   | 46     | 40     | 0.3       | 2.6     | 0.56  | 97.1      | 148.2939 | 62.606  |
| 2009 | 6     | 30  | 12   | 56     | 40     | 0.3       | 2.6     | 0.58  | 95.2      | 148.2939 | 65.2955 |
| 2009 | 6     | 30  | 13   | 6      | 40     | 0.3       | 2.6     | 0.6   | 96.9      | 148.2939 | 66.9765 |
| 2009 | 6     | 30  | 13   | 16     | 40     | 0.3       | 2.6     | 0.55  | 97.5      | 148.2939 | 61.9336 |
| 2009 | 6     | 30  | 13   | 26     | 40     | 0.3       | 2.6     | 0.61  | 99        | 148.2939 | 67.3127 |
| 2009 | 6     | 30  | 13   | 36     | 40     | 0.3       | 2.6     | 0.58  | 95.2      | 148.2939 | 64.9593 |
| 2009 | 6     | 30  | 13   | 46     | 40     | 0.3       | 2.6     | 0.57  | 94.3      | 148.2939 | 64.2869 |
| 2009 | 6     | 30  | 13   | 56     | 40     | 0.3       | 2.6     | 0.58  | 95.5      | 148.2939 | 64.6231 |
| 2009 | 6     | 30  | 14   | 6      | 40     | 0.3       | 2.6     | 0.53  | 93.5      | 148.2939 | 60.2527 |
| 2009 | 6     | 30  | 14   | 16     | 40     | 0.3       | 2.6     | 0.57  | 98.9      | 148.2939 | 63.6146 |
| 2009 | 6     | 30  | 14   | 26     | 40     | 0.3       | 2.6     | 0.57  | 100.3     | 148.2939 | 62.9422 |
| 2009 | 6     | 30  | 14   | 36     | 40     | 0.3       | 2.6     | 0.57  | 100.5     | 148.2939 | 63.6146 |
| 2009 | 6     | 30  | 14   | 46     | 40     | 0.3       | 2.6     | 0.59  | 95.4      | 148.2939 | 66.3041 |
| 2009 | 6     | 30  | 14   | 56     | 40     | 0.3       | 2.6     | 0.59  | 100.2     | 148.2939 | 65.6317 |
| 2009 | 6     | 30  | 15   | 6      | 40     | 0.3       | 2.6     | 0.62  | 97.7      | 148.2939 | 68.3212 |
| 2009 | 6     | 30  | 15   | 16     | 40     | 0.3       | 2.6     | 0.53  | 96.1      | 148.2939 | 59.5803 |
| 2009 | 6     | 30  | 15   | 26     | 40     | 0.3       | 2.6     | 0.59  | 95.4      | 148.2939 | 66.3041 |
| 2009 | 6     | 30  | 15   | 36     | 40     | 0.3       | 2.6     | 0.59  | 96        | 148.2939 | 66.3041 |
| 2009 | 6     | 30  | 15   | 46     | 40     | 0.3       | 2.6     | 0.59  | 98.9      | 148.2939 | 65.6317 |
| 2009 | 6     | 30  | 15   | 56     | 40     | 0.3       | 2.6     | 0.56  | 92.7      | 148.2939 | 63.2784 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area     | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|----------|---------|
| 2009 | 6     | 30  | 16   | 6      | 40     | 0.3       | 2.6     | 0.62  | 95.2      | 148.2939 | 68.6574 |
| 2009 | 6     | 30  | 16   | 16     | 40     | 0.3       | 2.6     | 0.56  | 97.4      | 148.2939 | 62.9422 |
| 2009 | 6     | 30  | 16   | 26     | 40     | 0.3       | 2.6     | 0.58  | 93.9      | 148.2939 | 65.2955 |
| 2009 | 6     | 30  | 16   | 36     | 40     | 0.3       | 2.6     | 0.61  | 97        | 148.2939 | 68.3212 |
| 2009 | 6     | 30  | 16   | 46     | 40     | 0.3       | 2.6     | 0.6   | 95.3      | 148.2939 | 66.9765 |
| 2009 | 6     | 30  | 16   | 56     | 40     | 0.3       | 2.6     | 0.52  | 96.2      | 148.2939 | 58.5717 |
| 2009 | 6     | 30  | 17   | 6      | 40     | 0.3       | 2.6     | 0.56  | 97.4      | 148.2939 | 62.9422 |
| 2009 | 6     | 30  | 17   | 16     | 40     | 0.3       | 2.6     | 0.58  | 101.1     | 148.2939 | 63.9508 |
| 2009 | 6     | 30  | 17   | 26     | 40     | 0.3       | 2.6     | 0.59  | 98        | 148.2939 | 65.9679 |
| 2009 | 6     | 30  | 17   | 36     | 40     | 0.3       | 2.6     | 0.57  | 96.2      | 148.2939 | 64.2869 |
| 2009 | 6     | 30  | 17   | 46     | 40     | 0.3       | 2.6     | 0.62  | 97        | 148.2939 | 68.9936 |
| 2009 | 6     | 30  | 17   | 56     | 40     | 0.3       | 2.6     | 0.59  | 96.7      | 148.2939 | 66.3041 |
| 2009 | 6     | 30  | 18   | 6      | 40     | 0.3       | 2.6     | 0.61  | 97.1      | 148.2939 | 67.6489 |
| 2009 | 6     | 30  | 18   | 16     | 40     | 0.3       | 2.6     | 0.57  | 95        | 148.2939 | 63.9508 |
| 2009 | 6     | 30  | 18   | 26     | 40     | 0.3       | 2.6     | 0.6   | 99.1      | 148.2939 | 66.9765 |
| 2009 | 6     | 30  | 18   | 36     | 40     | 0.3       | 2.6     | 0.61  | 97.7      | 148.2939 | 67.6489 |
| 2009 | 6     | 30  | 18   | 46     | 40     | 0.3       | 2.6     | 0.59  | 96.1      | 148.2939 | 65.9679 |
| 2009 | 6     | 30  | 18   | 56     | 40     | 0.3       | 2.6     | 0.57  | 97.3      | 148.2939 | 63.2784 |
| 2009 | 6     | 30  | 19   | 6      | 40     | 0.3       | 2.6     | 0.58  | 95.2      | 148.2939 | 64.9593 |
| 2009 | 6     | 30  | 19   | 16     | 40     | 0.3       | 2.6     | 0.56  | 98.7      | 148.2939 | 62.9422 |
| 2009 | 6     | 30  | 19   | 26     | 40     | 0.3       | 2.6     | 0.61  | 97.2      | 148.2939 | 67.3127 |
| 2009 | 6     | 30  | 19   | 36     | 40     | 0.3       | 2.6     | 0.59  | 93.5      | 148.2939 | 65.6317 |
| 2009 | 6     | 30  | 19   | 46     | 40     | 0.3       | 2.6     | 0.59  | 97        | 148.2939 | 65.6317 |
| 2009 | 6     | 30  | 19   | 56     | 40     | 0.3       | 2.6     | 0.61  | 91.2      | 148.2939 | 67.9851 |
| 2009 | 6     | 30  | 20   | 6      | 40     | 0.3       | 2.6     | 0.6   | 97.2      | 148.4935 | 66.73   |
| 2009 | 6     | 30  | 20   | 16     | 40     | 0.3       | 2.6     | 0.62  | 95.2      | 148.2939 | 68.6574 |
| 2009 | 6     | 30  | 20   | 26     | 40     | 0.3       | 2.6     | 0.61  | 95.6      | 148.4935 | 67.7399 |
| 2009 | 6     | 30  | 20   | 36     | 40     | 0.3       | 2.6     | 0.55  | 97.5      | 148.4935 | 61.6803 |
| 2009 | 6     | 30  | 20   | 46     | 40     | 0.3       | 2.6     | 0.59  | 95.1      | 148.4935 | 66.3934 |
| 2009 | 6     | 30  | 20   | 56     | 40     | 0.3       | 2.6     | 0.61  | 94.9      | 148.4935 | 68.4132 |
| 2009 | 6     | 30  | 21   | 6      | 40     | 0.3       | 2.6     | 0.64  | 93.8      | 148.4935 | 71.7797 |
| 2009 | 6     | 30  | 21   | 16     | 40     | 0.3       | 2.6     | 0.58  | 99.1      | 148.4935 | 64.3735 |
| 2009 | 6     | 30  | 21   | 26     | 40     | 0.3       | 2.6     | 0.54  | 94.2      | 148.4935 | 61.3437 |
| 2009 | 6     | 30  | 21   | 36     | 40     | 0.3       | 2.6     | 0.59  | 98        | 148.4935 | 66.0567 |
| 2009 | 6     | 30  | 21   | 46     | 40     | 0.3       | 2.6     | 0.58  | 96.8      | 148.4935 | 65.3834 |
| 2009 | 6     | 30  | 21   | 56     | 40     | 0.3       | 2.6     | 0.58  | 94.9      | 148.4935 | 65.0468 |
| 2009 | 6     | 30  | 22   | 6      | 40     | 0.3       | 2.6     | 0.59  | 95.8      | 148.4935 | 65.7201 |
| 2009 | 6     | 30  | 22   | 16     | 40     | 0.3       | 2.6     | 0.58  | 96.8      | 148.4935 | 65.3834 |
| 2009 | 6     | 30  | 22   | 26     | 40     | 0.3       | 2.6     | 0.62  | 95.2      | 148.4935 | 69.0865 |
| 2009 | 6     | 30  | 22   | 36     | 40     | 0.3       | 2.6     | 0.57  | 94.6      | 148.4935 | 64.0368 |
| 2009 | 6     | 30  | 22   | 46     | 40     | 0.3       | 2.6     | 0.59  | 98.6      | 148.4935 | 65.7201 |
| 2009 | 6     | 30  | 22   | 56     | 40     | 0.3       | 2.6     | 0.59  | 96.7      | 148.4935 | 65.7201 |
| 2009 | 6     | 30  | 23   | 6      | 40     | 0.3       | 2.6     | 0.54  | 97.4      | 148.4935 | 60.3338 |
| 2009 | 6     | 30  | 23   | 16     | 40     | 0.3       | 2.6     | 0.57  | 95.3      | 148.4935 | 63.7002 |
| 2009 | 6     | 30  | 23   | 26     | 40     | 0.3       | 2.6     | 0.57  | 96.9      | 148.4935 | 64.0368 |
| 2009 | 6     | 30  | 23   | 36     | 40     | 0.3       | 2.6     | 0.6   | 94.1      | 148.4935 | 67.4033 |
| 2009 | 6     | 30  | 23   | 46     | 40     | 0.3       | 2.6     | 0.58  | 95.5      | 148.4935 | 64.7101 |
| 2009 | 6     | 30  | 23   | 56     | 40     | 0.3       | 2.6     | 0.65  | 96.1      | 148.4935 | 72.1163 |

File\_Name 090625AG.WAD  
 Start\_Date\_and\_Time 2009/06/25 10:37:18  
 Site\_Name ALABAMA SPILLGATES  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P1685  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge REW  
 #\_Stations 9  
 Total\_Width 10.000 ft  
 Total\_Area 9.635 ft^2  
 Total\_Discharge 9.4671 cfs  
 Mean\_Depth 0.963 ft  
 Mean\_Velocity 0.9826 ft/s  
 Mean\_SNR 34.6 dB  
 Mean\_Verr 0.0199 ft/s  
 Mean\_Temp 66.92 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 6.7 %  
 Accuracy 1.0 %  
 Depth 0.2 %  
 Velocity 0.8 %  
 Width 0.2 %  
 Method 3.1 %  
 #\_Stations 5.8 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 10.3 %  
 Accuracy 1.0 %  
 Depth 3.6 %  
 Velocity 9.6 %  
 Width 0.2 %

#### Supplemental\_Data

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/25 | 10:35:57 | 0.000        | 1.380            | 10.0006         |          |



## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/25/2009 10:36

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc  | Depth | %Dep | MeasD | Npts | Spike | Vel    | SNR  | Angle | Verr   | Bnd | Temp   | CorrFact | MeanV  | Area   | Flow   | %Q   |
|----|-------|------|-------|------|-------|------|-------|--------|------|-------|--------|-----|--------|----------|--------|--------|--------|------|
| () | ()    | (ft) | (ft)  | (*D) | (ft)  | ()   | ()    | (ft/s) | (dB) | (deg) | (ft/s) | ()  | (degF) | ()       | (ft/s) | (ft^2) | (cfs)  | (%)  |
| 0  | 10:37 | 5    | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0    |
| 1  | 10:37 | 6    | 0.6   | 0.6  | 0.24  | 40   | 3     | 0.607  | 34.4 | 10    | 0.011  | 0   | 67.01  | 1        | 0.607  | 0.9    | 0.5463 | 5.8  |
| 2  | 10:38 | 8    | 0.83  | 0.6  | 0.332 | 40   | 0     | 0.449  | 34.6 | 0     | 0.022  | 0   | 66.96  | 1        | 0.4485 | 1.66   | 0.7445 | 7.9  |
| 3  | 10:39 | 10   | 1.07  | 0.6  | 0.428 | 40   | 0     | 1.39   | 35   | -7    | 0.011  | 0   | 66.88  | 1        | 1.3904 | 1.605  | 2.2314 | 23.6 |
| 4  | 10:40 | 11   | 1.4   | 0.6  | 0.56  | 40   | 1     | 1.288  | 35   | -8    | 0.028  | 0   | 66.88  | 1        | 1.2881 | 1.4    | 1.8032 | 19   |
| 5  | 10:41 | 12   | 1.52  | 0.6  | 0.608 | 40   | 0     | 1.153  | 34.6 | 0     | 0.028  | 0   | 66.9   | 1        | 1.1529 | 1.52   | 1.7524 | 18.5 |
| 6  | 10:42 | 13   | 1.5   | 0.6  | 0.6   | 40   | 0     | 1.036  | 35.2 | 0     | 0.017  | 0   | 66.9   | 1        | 1.0358 | 1.5    | 1.5536 | 16.4 |
| 7  | 10:43 | 14   | 1.05  | 0.6  | 0.42  | 40   | 0     | -0.796 | 33.5 | -178  | 0.022  | 0   | 66.92  | -1       | 0.7959 | 1.05   | 0.8356 | 8.8  |
| 8  | 10:43 | 15   | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0    |

# Alabama Gates Release

|         |      |
|---------|------|
| STA     | 0087 |
| YEAR    | 2009 |
| MO      | 6    |
| CFS1    | 0    |
| CFS2    | 0    |
| CFS3    | 0    |
| CFS4    | 0    |
| CFS5    | 0    |
| CFS6    | 0    |
| CFS7    | 0    |
| CFS8    | 0    |
| CFS9    | 0    |
| CFS10   | 0    |
| CFS11   | 0    |
| CFS12   | 0    |
| CFS13   | 0    |
| CFS14   | 0    |
| CFS15   | 0    |
| CFS16   | 0    |
| CFS17   | 0    |
| CFS18   | 0    |
| CFS19   | 0    |
| CFS20   | 0    |
| CFS21   | 0    |
| CFS22   | 0    |
| CFS23   | 0    |
| CFS24   | 4.37 |
| CFS25   | 10   |
| CFS26   | 10   |
| CFS27   | 10   |
| CFS28   | 10   |
| CFS29   | 10   |
| CFS30   | 3.59 |
| CFS31   | 0    |
| TOTALAF | 115  |
| AVECFS  | 1.93 |
| PEAKCFS | 0    |
| DY      | 0    |
| TIME    | 0    |
| MINCFS  | 0    |
| DY      | 0    |
| TIME    | 0    |

File\_Name 090605LP.EST.WAD  
 Start\_Date\_and\_Time 2009/06/05 08:53:49  
 Site\_Name LOR LONE PINE EAST  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P2352  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge REW  
 #\_Stations 9  
 Total\_Width 8.000 ft  
 Total\_Area 26.350 ft^2  
 Total\_Discharge 29.8692 cfs  
 Mean\_Depth 3.294 ft  
 Mean\_Velocity 1.1335 ft/s  
 Mean\_SNR 29.2 dB  
 Mean\_Verr 0.0166 ft/s  
 Mean\_Temp 59.87 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 6.1 %  
 Accuracy 1.0 %  
 Depth 0.2 %  
 Velocity 0.4 %  
 Width 0.2 %  
 Method 1.6 %  
 #\_Stations 5.8 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 1.8 %  
 Accuracy 1.0 %  
 Depth 0.9 %  
 Velocity 1.2 %  
 Width 0.2 %

#### Supplemental\_Data

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/05 | 08:50:57 | 0.000        | ()               | 29.4817         |          |
| 02     | 2009/06/05 | 08:52:35 | 0.000        | 4.020            | 29.4817         |          |

## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/5/2009 8:51

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc  | Depth | %Dep | MeasD | Npts | Spike | Vel    | SNR  | Angle | Verr   | Bnd | Temp   | CorrFact | MeanV  | Area   | Flow   | %Q   |
|----|-------|------|-------|------|-------|------|-------|--------|------|-------|--------|-----|--------|----------|--------|--------|--------|------|
| () | ()    | (ft) | (ft)  | (*D) | (ft)  | ()   | ()    | (ft/s) | (dB) | (deg) | (ft/s) | ()  | (degF) | ()       | (ft/s) | (ft^2) | (cfs)  | (%)  |
| 0  | 8:53  | 0    | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0    |
| 1  | 8:53  | 1    | 3.37  | 0.6  | 1.348 | 40   | 0     | 1.216  | 29.5 | -3    | 0.015  | 0   | 59.83  | 1        | 1.2162 | 3.37   | 4.0987 | 13.7 |
| 2  | 8:57  | 2    | 3.9   | 0.2  | 3.12  | 40   | 0     | 1.25   | 28.8 | -1    | 0.016  | 0   | 59.85  | 1        | 1.1868 | 3.9    | 4.6283 | 15.5 |
| 2  | 8:56  | 2    | 3.9   | 0.6  | 1.56  | 40   | 0     | 1.198  | 29.4 | -2    | 0.014  | 0   | 59.85  | 0        | 0      | 0      | 0      | 0    |
| 2  | 8:55  | 2    | 3.9   | 0.8  | 0.78  | 40   | 0     | 1.102  | 29.9 | -4    | 0.016  | 0   | 59.83  | 0        | 0      | 0      | 0      | 0    |
| 3  | 8:58  | 3    | 3.98  | 0.2  | 3.184 | 40   | 0     | 1.243  | 28.8 | -6    | 0.015  | 0   | 59.86  | 1        | 1.199  | 3.98   | 4.7719 | 16   |
| 3  | 8:59  | 3    | 3.98  | 0.6  | 1.592 | 40   | 0     | 1.23   | 29   | -2    | 0.011  | 0   | 59.86  | 0        | 0      | 0      | 0      | 0    |
| 3  | 9:00  | 3    | 3.98  | 0.8  | 0.796 | 40   | 0     | 1.093  | 29.2 | -5    | 0.022  | 0   | 59.86  | 0        | 0      | 0      | 0      | 0    |
| 4  | 9:04  | 4    | 4.02  | 0.2  | 3.216 | 40   | 1     | 1.241  | 28.4 | -5    | 0.011  | 0   | 59.88  | 1        | 1.1516 | 4.02   | 4.6293 | 15.5 |
| 4  | 9:03  | 4    | 4.02  | 0.6  | 1.608 | 40   | 0     | 1.148  | 29.2 | -4    | 0.02   | 0   | 59.86  | 0        | 0      | 0      | 0      | 0    |
| 4  | 9:02  | 4    | 4.02  | 0.8  | 0.804 | 40   | 0     | 1.07   | 29.7 | -1    | 0.017  | 0   | 59.86  | 0        | 0      | 0      | 0      | 0    |
| 5  | 9:05  | 5    | 3.95  | 0.2  | 3.16  | 40   | 0     | 1.207  | 28.6 | -7    | 0.016  | 0   | 59.86  | 1        | 1.1827 | 3.95   | 4.6717 | 15.6 |
| 5  | 9:06  | 5    | 3.95  | 0.6  | 1.58  | 40   | 0     | 1.25   | 28.8 | -4    | 0.012  | 0   | 59.88  | 0        | 0      | 0      | 0      | 0    |
| 5  | 9:07  | 5    | 3.95  | 0.8  | 0.79  | 40   | 0     | 1.023  | 29.9 | 0     | 0.016  | 0   | 59.9   | 0        | 0      | 0      | 0      | 0    |
| 6  | 9:11  | 6    | 3.7   | 0.2  | 2.96  | 40   | 0     | 1.056  | 29.2 | -7    | 0.016  | 0   | 59.9   | 1        | 1.0595 | 3.7    | 3.9205 | 13.1 |
| 6  | 9:10  | 6    | 3.7   | 0.6  | 1.48  | 40   | 0     | 1.099  | 29.7 | -1    | 0.019  | 0   | 59.9   | 0        | 0      | 0      | 0      | 0    |
| 6  | 9:09  | 6    | 3.7   | 0.8  | 0.74  | 40   | 1     | 0.984  | 29.6 | 2     | 0.023  | 0   | 59.9   | 0        | 0      | 0      | 0      | 0    |
| 7  | 9:13  | 7    | 3.43  | 0.6  | 1.372 | 40   | 0     | 0.918  | 29.2 | -1    | 0.02   | 0   | 59.92  | 1        | 0.918  | 3.43   | 3.1488 | 10.5 |
| 8  | 9:13  | 8    | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0    |

File\_Name 090605LP.WST.WAD  
 Start\_Date\_and\_Time 2009/06/05 08:28:37  
 Site\_Name LOR LONE PINE WEST  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P2352  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge REW  
 #\_Stations 9  
 Total\_Width 8.000 ft  
 Total\_Area 22.800 ft^2  
 Total\_Discharge 33.5883 cfs  
 Mean\_Depth 2.850 ft  
 Mean\_Velocity 1.4732 ft/s  
 Mean\_SNR 29.2 dB  
 Mean\_Verr 0.0162 ft/s  
 Mean\_Temp 59.75 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 6.1 %  
 Accuracy 1.0 %  
 Depth 0.2 %  
 Velocity 0.3 %  
 Width 0.2 %  
 Method 1.7 %  
 #\_Stations 5.8 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 1.7 %  
 Accuracy 1.0 %  
 Depth 0.8 %  
 Velocity 1.1 %  
 Width 0.2 %

#### Supplemental\_Data

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/05 | 08:26:54 | 0.000        | 3.530            | 30.0018         |          |

## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/5/2009 8:26

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc  | Depth | %Dep | MeasD | Npts | Spike | Vel    | SNR  | Angle | Verr   | Bnd | Temp   | CorrFact | MeanV  | Area   | Flow   | %Q   |
|----|-------|------|-------|------|-------|------|-------|--------|------|-------|--------|-----|--------|----------|--------|--------|--------|------|
| () | ()    | (ft) | (ft)  | (*D) | (ft)  | ()   | ()    | (ft/s) | (dB) | (deg) | (ft/s) | ()  | (degF) | ()       | (ft/s) | (ft^2) | (cfs)  | (%)  |
| 0  | 8:28  | 0    | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0    |
| 1  | 8:28  | 1    | 2.77  | 0.6  | 1.108 | 40   | 0     | 1.46   | 28.8 | 2     | 0.014  | 0   | 59.72  | 1        | 1.4603 | 2.77   | 4.0451 | 12   |
| 2  | 8:31  | 2    | 3.12  | 0.2  | 2.496 | 40   | 1     | 1.421  | 28.6 | 4     | 0.014  | 0   | 59.72  | 1        | 1.4398 | 3.12   | 4.4923 | 13.4 |
| 2  | 8:30  | 2    | 3.12  | 0.6  | 1.248 | 40   | 1     | 1.532  | 28.2 | 6     | 0.015  | 0   | 59.74  | 0        | 0      | 0      | 0      | 0    |
| 2  | 8:30  | 2    | 3.12  | 0.8  | 0.624 | 40   | 0     | 1.274  | 29.7 | 7     | 0.033  | 0   | 59.72  | 0        | 0      | 0      | 0      | 0    |
| 3  | 8:33  | 3    | 3.4   | 0.2  | 2.72  | 40   | 1     | 1.54   | 28.4 | 4     | 0.012  | 0   | 59.74  | 1        | 1.5037 | 3.4    | 5.1125 | 15.2 |
| 3  | 8:34  | 3    | 3.4   | 0.6  | 1.36  | 40   | 1     | 1.564  | 28.8 | 5     | 0.011  | 0   | 59.74  | 0        | 0      | 0      | 0      | 0    |
| 3  | 8:35  | 3    | 3.4   | 0.8  | 0.68  | 40   | 3     | 1.347  | 29.9 | 7     | 0.028  | 0   | 59.74  | 0        | 0      | 0      | 0      | 0    |
| 4  | 8:38  | 4    | 3.48  | 0.2  | 2.784 | 40   | 1     | 1.502  | 29   | 0     | 0.014  | 0   | 59.76  | 1        | 1.5335 | 3.48   | 5.3364 | 15.9 |
| 4  | 8:37  | 4    | 3.48  | 0.6  | 1.392 | 40   | 1     | 1.593  | 29   | 2     | 0.009  | 0   | 59.74  | 0        | 0      | 0      | 0      | 0    |
| 4  | 8:36  | 4    | 3.48  | 0.8  | 0.696 | 40   | 2     | 1.445  | 29.5 | 4     | 0.017  | 0   | 59.74  | 0        | 0      | 0      | 0      | 0    |
| 5  | 8:40  | 5    | 3.58  | 0.2  | 2.864 | 40   | 0     | 1.464  | 28.8 | -2    | 0.012  | 0   | 59.74  | 1        | 1.4646 | 3.58   | 5.2435 | 15.6 |
| 5  | 8:41  | 5    | 3.58  | 0.6  | 1.432 | 40   | 0     | 1.514  | 29.4 | 3     | 0.011  | 0   | 59.76  | 0        | 0      | 0      | 0      | 0    |
| 5  | 8:42  | 5    | 3.58  | 0.8  | 0.716 | 40   | 0     | 1.366  | 29.9 | 3     | 0.023  | 0   | 59.77  | 0        | 0      | 0      | 0      | 0    |
| 6  | 8:45  | 6    | 3.39  | 0.2  | 2.712 | 40   | 1     | 1.43   | 28.8 | -2    | 0.017  | 0   | 59.77  | 1        | 1.5034 | 3.39   | 5.0968 | 15.2 |
| 6  | 8:44  | 6    | 3.39  | 0.6  | 1.356 | 40   | 1     | 1.56   | 29.2 | 2     | 0.012  | 0   | 59.77  | 0        | 0      | 0      | 0      | 0    |
| 6  | 8:43  | 6    | 3.39  | 0.8  | 0.678 | 40   | 0     | 1.463  | 29.9 | 4     | 0.016  | 0   | 59.77  | 0        | 0      | 0      | 0      | 0    |
| 7  | 8:47  | 7    | 3.06  | 0.6  | 1.224 | 40   | 0     | 1.393  | 29.9 | 7     | 0.018  | 0   | 59.79  | 1        | 1.3927 | 3.06   | 4.2618 | 12.7 |
| 8  | 8:47  | 8    | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0    |

File\_Name 090606LP.EST.WAD  
 Start\_Date\_and\_Time 2009/06/06 12:29:03  
 Site\_Name LOR LONE PINE EAST  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P2352  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge REW  
 #\_Stations 9  
 Total\_Width 8.000 ft  
 Total\_Area 27.011 ft^2  
 Total\_Discharge 33.1463 cfs  
 Mean\_Depth 3.376 ft  
 Mean\_Velocity 1.2272 ft/s  
 Mean\_SNR 28.6 dB  
 Mean\_Verr 0.0191 ft/s  
 Mean\_Temp 62.30 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 6.1 %  
 Accuracy 1.0 %  
 Depth 0.2 %  
 Velocity 0.4 %  
 Width 0.2 %  
 Method 1.7 %  
 #\_Stations 5.8 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 2.3 %  
 Accuracy 1.0 %  
 Depth 1.3 %  
 Velocity 1.6 %  
 Width 0.2 %

#### Supplemental\_Data

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/06 | 12:27:09 | 0.000        | 4.180            | 31.8019         |          |

## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/6/2009 12:27

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc  | Depth | %Dep | MeasD | Npts | Spike | Vel    | SNR  | Angle | Verr   | Bnd | Temp   | CorrFact | MeanV  | Area   | Flow   | %Q   |
|----|-------|------|-------|------|-------|------|-------|--------|------|-------|--------|-----|--------|----------|--------|--------|--------|------|
| () | ()    | (ft) | (ft)  | (*D) | (ft)  | ()   | ()    | (ft/s) | (dB) | (deg) | (ft/s) | ()  | (degF) | ()       | (ft/s) | (ft^2) | (cfs)  | (%)  |
| 0  | 12:29 | 0    | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0    |
| 1  | 12:29 | 1    | 3.56  | 0.6  | 1.424 | 40   | 0     | 1.377  | 28.6 | -2    | 0.019  | 0   | 62.2   | 1        | 1.3766 | 3.56   | 4.9009 | 14.8 |
| 2  | 12:32 | 2    | 4.04  | 0.2  | 3.232 | 40   | 1     | 1.302  | 28.6 | -2    | 0.012  | 0   | 62.22  | 1        | 1.281  | 4.04   | 5.1753 | 15.6 |
| 2  | 12:31 | 2    | 4.04  | 0.6  | 1.616 | 40   | 0     | 1.326  | 28.4 | -2    | 0.014  | 0   | 62.2   | 0        | 0      | 0      | 0      | 0    |
| 2  | 12:30 | 2    | 4.04  | 0.8  | 0.808 | 40   | 1     | 1.171  | 29.9 | -3    | 0.016  | 0   | 62.2   | 0        | 0      | 0      | 0      | 0    |
| 3  | 12:33 | 3    | 4.12  | 0.2  | 3.296 | 40   | 0     | 1.319  | 28.8 | -8    | 0.014  | 0   | 62.24  | 1        | 1.1895 | 4.12   | 4.9007 | 14.8 |
| 3  | 12:34 | 3    | 4.12  | 0.6  | 1.648 | 40   | 1     | 1.117  | 28.8 | -4    | 0.018  | 0   | 62.26  | 0        | 0      | 0      | 0      | 0    |
| 3  | 12:35 | 3    | 4.12  | 0.8  | 0.824 | 40   | 0     | 1.206  | 29.2 | -6    | 0.023  | 0   | 62.26  | 0        | 0      | 0      | 0      | 0    |
| 4  | 12:39 | 4    | 4.18  | 0.2  | 3.344 | 40   | 0     | 1.294  | 28.4 | -7    | 0.013  | 0   | 62.31  | 1        | 1.2162 | 4.18   | 5.0839 | 15.3 |
| 4  | 12:38 | 4    | 4.18  | 0.6  | 1.672 | 40   | 1     | 1.19   | 28.8 | -2    | 0.019  | 0   | 62.29  | 0        | 0      | 0      | 0      | 0    |
| 4  | 12:37 | 4    | 4.18  | 0.8  | 0.836 | 40   | 0     | 1.191  | 28.6 | -1    | 0.021  | 0   | 62.26  | 0        | 0      | 0      | 0      | 0    |
| 5  | 12:41 | 5    | 4.12  | 0.2  | 3.296 | 40   | 0     | 1.313  | 28.2 | -1    | 0.015  | 0   | 62.31  | 1        | 1.2652 | 4.12   | 5.2126 | 15.7 |
| 5  | 12:42 | 5    | 4.12  | 0.6  | 1.648 | 40   | 0     | 1.292  | 28.4 | -3    | 0.019  | 0   | 62.35  | 0        | 0      | 0      | 0      | 0    |
| 5  | 12:43 | 5    | 4.12  | 0.8  | 0.824 | 40   | 0     | 1.163  | 29   | 0     | 0.018  | 0   | 62.35  | 0        | 0      | 0      | 0      | 0    |
| 6  | 12:46 | 6    | 3.89  | 0.2  | 3.112 | 40   | 2     | 1.253  | 27.5 | -5    | 0.013  | 0   | 62.4   | 1        | 1.2457 | 3.89   | 4.846  | 14.6 |
| 6  | 12:45 | 6    | 3.89  | 0.6  | 1.556 | 40   | 0     | 1.362  | 28.3 | -2    | 0.014  | 0   | 62.38  | 0        | 0      | 0      | 0      | 0    |
| 6  | 12:44 | 6    | 3.89  | 0.8  | 0.778 | 40   | 0     | 1.007  | 29.2 | -2    | 0.024  | 0   | 62.37  | 0        | 0      | 0      | 0      | 0    |
| 7  | 12:48 | 7    | 3.1   | 0.6  | 1.24  | 40   | 0     | 0.976  | 28.6 | -2    | 0.03   | 0   | 62.4   | 1        | 0.9764 | 3.1    | 3.0268 | 9.1  |
| 8  | 12:48 | 8    | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0    |



File\_Name 090606LP.LOR.WAD  
 Start\_Date\_and\_Time 2009/06/06 12:01:13  
 Site\_Name LOR LONE PINE WEST  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P2352  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge REW  
 #\_Stations 9  
 Total\_Width 8.000 ft  
 Total\_Area 23.930 ft^2  
 Total\_Discharge 36.4902 cfs  
 Mean\_Depth 2.991 ft  
 Mean\_Velocity 1.5248 ft/s  
 Mean\_SNR 28.5 dB  
 Mean\_Verr 0.0183 ft/s  
 Mean\_Temp 61.97 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 6.1 %  
 Accuracy 1.0 %  
 Depth 0.2 %  
 Velocity 0.3 %  
 Width 0.2 %  
 Method 1.7 %  
 #\_Stations 5.8 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 1.4 %  
 Accuracy 1.0 %  
 Depth 0.7 %  
 Velocity 0.8 %  
 Width 0.2 %

#### Supplemental\_Data

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/06 | 11:58:58 | 0.000        | 3.670            | 33.1819         |          |

## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/6/2009 11:59

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc  | Depth | %Dep | MeasD | Npts | Spike | Vel    | SNR  | Angle | Verr   | Bnd | Temp   | CorrFact | MeanV  | Area   | Flow   | %Q   |
|----|-------|------|-------|------|-------|------|-------|--------|------|-------|--------|-----|--------|----------|--------|--------|--------|------|
| () | ()    | (ft) | (ft)  | (*D) | (ft)  | ()   | ()    | (ft/s) | (dB) | (deg) | (ft/s) | ()  | (degF) | ()       | (ft/s) | (ft^2) | (cfs)  | (%)  |
| 0  | 12:01 | 0    | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0    |
| 1  | 12:01 | 1    | 2.96  | 0.6  | 1.184 | 40   | 0     | 1.453  | 29   | 4     | 0.014  | 0   | 61.84  | 1        | 1.4531 | 2.96   | 4.3011 | 11.8 |
| 2  | 12:04 | 2    | 3.24  | 0.2  | 2.592 | 40   | 2     | 1.609  | 28.8 | 4     | 0.012  | 0   | 61.88  | 1        | 1.4948 | 3.24   | 4.8435 | 13.3 |
| 2  | 12:04 | 2    | 3.24  | 0.6  | 1.296 | 40   | 1     | 1.52   | 28.6 | 4     | 0.019  | 0   | 61.86  | 0        | 0      | 0      | 0      | 0    |
| 2  | 12:03 | 2    | 3.24  | 0.8  | 0.648 | 40   | 0     | 1.33   | 29.5 | 11    | 0.027  | 0   | 61.84  | 0        | 0      | 0      | 0      | 0    |
| 3  | 12:06 | 3    | 3.52  | 0.2  | 2.816 | 40   | 1     | 1.651  | 28.2 | 4     | 0.011  | 0   | 61.88  | 1        | 1.4849 | 3.52   | 5.2269 | 14.3 |
| 3  | 12:07 | 3    | 3.52  | 0.6  | 1.408 | 40   | 0     | 1.515  | 28.8 | 5     | 0.017  | 0   | 61.92  | 0        | 0      | 0      | 0      | 0    |
| 3  | 12:08 | 3    | 3.52  | 0.8  | 0.704 | 40   | 0     | 1.258  | 29.4 | 3     | 0.03   | 0   | 61.92  | 0        | 0      | 0      | 0      | 0    |
| 4  | 12:12 | 4    | 3.68  | 0.2  | 2.944 | 40   | 0     | 1.623  | 28.1 | 1     | 0.017  | 0   | 61.99  | 1        | 1.5388 | 3.68   | 5.663  | 15.5 |
| 4  | 12:10 | 4    | 3.68  | 0.6  | 1.472 | 40   | 0     | 1.535  | 29   | 5     | 0.023  | 0   | 61.97  | 0        | 0      | 0      | 0      | 0    |
| 4  | 12:09 | 4    | 3.68  | 0.8  | 0.736 | 40   | 0     | 1.463  | 28.8 | 4     | 0.017  | 0   | 61.95  | 0        | 0      | 0      | 0      | 0    |
| 5  | 12:14 | 5    | 3.73  | 0.2  | 2.984 | 40   | 0     | 1.6    | 27.5 | 1     | 0.019  | 0   | 62.01  | 1        | 1.5782 | 3.73   | 5.8865 | 16.1 |
| 5  | 12:15 | 5    | 3.73  | 0.6  | 1.492 | 40   | 0     | 1.644  | 28.8 | 6     | 0.011  | 0   | 62.02  | 0        | 0      | 0      | 0      | 0    |
| 5  | 12:16 | 5    | 3.73  | 0.8  | 0.746 | 40   | 1     | 1.425  | 28.6 | 4     | 0.021  | 0   | 62.02  | 0        | 0      | 0      | 0      | 0    |
| 6  | 12:20 | 6    | 3.58  | 0.2  | 2.864 | 40   | 0     | 1.575  | 27.7 | 0     | 0.018  | 0   | 62.1   | 1        | 1.5254 | 3.58   | 5.4611 | 15   |
| 6  | 12:18 | 6    | 3.58  | 0.6  | 1.432 | 40   | 1     | 1.503  | 28.1 | 2     | 0.019  | 0   | 62.06  | 0        | 0      | 0      | 0      | 0    |
| 6  | 12:17 | 6    | 3.58  | 0.8  | 0.716 | 40   | 1     | 1.521  | 27.9 | 4     | 0.019  | 0   | 62.06  | 0        | 0      | 0      | 0      | 0    |
| 7  | 12:21 | 7    | 3.22  | 0.6  | 1.288 | 40   | 1     | 1.586  | 28.1 | 1     | 0.021  | 0   | 62.11  | 1        | 1.5863 | 3.22   | 5.1081 | 14   |
| 8  | 12:21 | 8    | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0    |

File\_Name 090607LP.EST.WAD  
 Start\_Date\_and\_Time 2009/06/07 12:30:40  
 Site\_Name LOR LONE PINE EAST  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P2352  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge REW  
 #\_Stations 9  
 Total\_Width 8.000 ft  
 Total\_Area 27.140 ft^2  
 Total\_Discharge 33.6976 cfs  
 Mean\_Depth 3.393 ft  
 Mean\_Velocity 1.2416 ft/s  
 Mean\_SNR 31.0 dB  
 Mean\_Verr 0.0207 ft/s  
 Mean\_Temp 63.74 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 6.1 %  
 Accuracy 1.0 %  
 Depth 0.2 %  
 Velocity 0.5 %  
 Width 0.2 %  
 Method 1.7 %  
 #\_Stations 5.8 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 1.9 %  
 Accuracy 1.0 %  
 Depth 1.1 %  
 Velocity 1.2 %  
 Width 0.2 %

#### Supplemental\_Data

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/07 | 12:27:30 | 0.000        | 4.200            | 33.1619         |          |

## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/7/2009 12:27

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc  | Depth | %Dep | MeasD | Npts | Spike | Vel    | SNR  | Angle | Verr   | Bnd | Temp   | CorrFact | MeanV  | Area   | Flow   | %Q   |
|----|-------|------|-------|------|-------|------|-------|--------|------|-------|--------|-----|--------|----------|--------|--------|--------|------|
| () | ()    | (ft) | (ft)  | (*D) | (ft)  | ()   | ()    | (ft/s) | (dB) | (deg) | (ft/s) | ()  | (degF) | ()       | (ft/s) | (ft^2) | (cfs)  | (%)  |
| 0  | 12:30 | 0    | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0    |
| 1  | 12:30 | 1    | 3.52  | 0.6  | 1.408 | 40   | 2     | 1.413  | 30.9 | -1    | 0.014  | 0   | 63.61  | 1        | 1.4127 | 3.52   | 4.9728 | 14.8 |
| 2  | 12:35 | 2    | 4.1   | 0.2  | 3.28  | 40   | 0     | 1.393  | 29.9 | -7    | 0.02   | 0   | 63.66  | 1        | 1.3133 | 4.1    | 5.3847 | 16   |
| 2  | 12:34 | 2    | 4.1   | 0.6  | 1.64  | 40   | 0     | 1.335  | 31   | -4    | 0.019  | 0   | 63.63  | 0        | 0      | 0      | 0      | 0    |
| 2  | 12:32 | 2    | 4.1   | 0.8  | 0.82  | 40   | 0     | 1.191  | 31.2 | -3    | 0.024  | 0   | 63.61  | 0        | 0      | 0      | 0      | 0    |
| 3  | 12:37 | 3    | 4.2   | 0.2  | 3.36  | 40   | 2     | 1.324  | 30.7 | -8    | 0.014  | 0   | 63.68  | 1        | 1.2448 | 4.2    | 5.2281 | 15.5 |
| 3  | 12:38 | 3    | 4.2   | 0.6  | 1.68  | 40   | 0     | 1.232  | 30.9 | -6    | 0.025  | 0   | 63.68  | 0        | 0      | 0      | 0      | 0    |
| 3  | 12:41 | 3    | 4.2   | 0.8  | 0.84  | 40   | 0     | 1.192  | 31.4 | -2    | 0.028  | 0   | 63.7   | 0        | 0      | 0      | 0      | 0    |
| 4  | 12:46 | 4    | 4.21  | 0.2  | 3.368 | 40   | 0     | 1.32   | 30.1 | -5    | 0.018  | 0   | 63.77  | 1        | 1.2721 | 4.21   | 5.3554 | 15.9 |
| 4  | 12:45 | 4    | 4.21  | 0.6  | 1.684 | 40   | 0     | 1.316  | 31.4 | -2    | 0.014  | 0   | 63.75  | 0        | 0      | 0      | 0      | 0    |
| 4  | 12:44 | 4    | 4.21  | 0.8  | 0.842 | 40   | 0     | 1.137  | 31.8 | -3    | 0.021  | 0   | 63.73  | 0        | 0      | 0      | 0      | 0    |
| 5  | 12:49 | 5    | 4.1   | 0.2  | 3.28  | 40   | 1     | 1.344  | 30.5 | -4    | 0.02   | 0   | 63.79  | 1        | 1.2971 | 4.1    | 5.3181 | 15.8 |
| 5  | 12:51 | 5    | 4.1   | 0.6  | 1.64  | 40   | 1     | 1.308  | 31.1 | -5    | 0.018  | 0   | 63.79  | 0        | 0      | 0      | 0      | 0    |
| 5  | 12:52 | 5    | 4.1   | 0.8  | 0.82  | 40   | 0     | 1.229  | 31.4 | -3    | 0.017  | 0   | 63.81  | 0        | 0      | 0      | 0      | 0    |
| 6  | 12:56 | 6    | 3.81  | 0.2  | 3.048 | 40   | 0     | 1.262  | 31.2 | -7    | 0.019  | 0   | 63.84  | 1        | 1.1609 | 3.81   | 4.4232 | 13.1 |
| 6  | 12:55 | 6    | 3.81  | 0.6  | 1.524 | 40   | 0     | 1.139  | 31.6 | -2    | 0.029  | 0   | 63.82  | 0        | 0      | 0      | 0      | 0    |
| 6  | 12:53 | 6    | 3.81  | 0.8  | 0.762 | 40   | 0     | 1.104  | 31.3 | 0     | 0.02   | 0   | 63.82  | 0        | 0      | 0      | 0      | 0    |
| 7  | 12:58 | 7    | 3.2   | 0.6  | 1.28  | 40   | 0     | 0.942  | 31.4 | 0     | 0.03   | 0   | 63.86  | 1        | 0.9423 | 3.2    | 3.0153 | 8.9  |
| 8  | 12:58 | 8    | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0    |

File\_Name 090607LP.WST.WAD  
 Start\_Date\_and\_Time 2009/06/07 11:51:21  
 Site\_Name LOR LONE PINE WEST  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P2352  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge REW  
 #\_Stations 9  
 Total\_Width 8.000 ft  
 Total\_Area 24.550 ft^2  
 Total\_Discharge 37.8506 cfs  
 Mean\_Depth 3.069 ft  
 Mean\_Velocity 1.5418 ft/s  
 Mean\_SNR 30.9 dB  
 Mean\_Verr 0.0203 ft/s  
 Mean\_Temp 63.38 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 6.1 %  
 Accuracy 1.0 %  
 Depth 0.2 %  
 Velocity 0.4 %  
 Width 0.2 %  
 Method 1.6 %  
 #\_Stations 5.8 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 1.5 %  
 Accuracy 1.0 %  
 Depth 0.7 %  
 Velocity 0.9 %  
 Width 0.2 %

#### Supplemental\_Data

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/07 | 11:46:22 | 0.000        | ()               | 34.0520         |          |
| 02     | 2009/06/07 | 11:49:48 | 0.000        | 3.720            | ()              |          |

## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/7/2009 11:47

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc  | Depth | %Dep | MeasD | Npts | Spike | Vel    | SNR  | Angle | Verr   | Bnd | Temp   | CorrFact | MeanV  | Area   | Flow   | %Q   |
|----|-------|------|-------|------|-------|------|-------|--------|------|-------|--------|-----|--------|----------|--------|--------|--------|------|
| () | ()    | (ft) | (ft)  | (*D) | (ft)  | ()   | ()    | (ft/s) | (dB) | (deg) | (ft/s) | ()  | (degF) | ()       | (ft/s) | (ft^2) | (cfs)  | (%)  |
| 0  | 11:51 | 0    | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0    |
| 1  | 11:51 | 1    | 3     | 0.6  | 1.2   | 40   | 0     | 1.457  | 31.2 | 4     | 0.019  | 0   | 63.23  | 1        | 1.4567 | 3      | 4.3701 | 11.5 |
| 2  | 11:57 | 2    | 3.4   | 0.2  | 2.72  | 40   | 0     | 1.645  | 30.7 | 2     | 0.014  | 0   | 63.28  | 1        | 1.5439 | 3.4    | 5.2491 | 13.9 |
| 2  | 11:56 | 2    | 3.4   | 0.6  | 1.36  | 40   | 1     | 1.571  | 31.2 | 3     | 0.014  | 0   | 63.28  | 0        | 0      | 0      | 0      | 0    |
| 2  | 11:55 | 2    | 3.4   | 0.8  | 0.68  | 40   | 0     | 1.389  | 32.5 | 6     | 0.024  | 0   | 63.27  | 0        | 0      | 0      | 0      | 0    |
| 3  | 12:00 | 3    | 3.65  | 0.2  | 2.92  | 40   | 0     | 1.682  | 30.7 | 2     | 0.014  | 0   | 63.32  | 1        | 1.5173 | 3.65   | 5.5381 | 14.6 |
| 3  | 12:01 | 3    | 3.65  | 0.6  | 1.46  | 40   | 0     | 1.488  | 31.8 | 5     | 0.026  | 0   | 63.34  | 0        | 0      | 0      | 0      | 0    |
| 3  | 12:03 | 3    | 3.65  | 0.8  | 0.73  | 40   | 0     | 1.411  | 32.2 | 4     | 0.038  | 0   | 63.34  | 0        | 0      | 0      | 0      | 0    |
| 4  | 12:07 | 4    | 3.75  | 0.2  | 3     | 40   | 0     | 1.684  | 30.5 | 0     | 0.015  | 0   | 63.37  | 1        | 1.5979 | 3.75   | 5.9922 | 15.8 |
| 4  | 12:06 | 4    | 3.75  | 0.6  | 1.5   | 40   | 0     | 1.607  | 31   | 5     | 0.014  | 0   | 63.37  | 0        | 0      | 0      | 0      | 0    |
| 4  | 12:05 | 4    | 3.75  | 0.8  | 0.75  | 40   | 1     | 1.493  | 30.7 | 2     | 0.02   | 0   | 63.36  | 0        | 0      | 0      | 0      | 0    |
| 5  | 12:09 | 5    | 3.78  | 0.2  | 3.024 | 40   | 0     | 1.652  | 29.9 | 0     | 0.018  | 0   | 63.41  | 1        | 1.617  | 3.78   | 6.1119 | 16.1 |
| 5  | 12:11 | 5    | 3.78  | 0.6  | 1.512 | 40   | 0     | 1.651  | 30.9 | 3     | 0.011  | 0   | 63.43  | 0        | 0      | 0      | 0      | 0    |
| 5  | 12:12 | 5    | 3.78  | 0.8  | 0.756 | 40   | 0     | 1.514  | 31.2 | 3     | 0.032  | 0   | 63.45  | 0        | 0      | 0      | 0      | 0    |
| 6  | 12:18 | 6    | 3.67  | 0.2  | 2.936 | 40   | 1     | 1.651  | 29.9 | -1    | 0.016  | 0   | 63.5   | 1        | 1.5833 | 3.67   | 5.8104 | 15.4 |
| 6  | 12:15 | 6    | 3.67  | 0.6  | 1.468 | 40   | 0     | 1.586  | 30.5 | 2     | 0.021  | 0   | 63.48  | 0        | 0      | 0      | 0      | 0    |
| 6  | 12:14 | 6    | 3.67  | 0.8  | 0.734 | 40   | 0     | 1.51   | 30.7 | 3     | 0.015  | 0   | 63.46  | 0        | 0      | 0      | 0      | 0    |
| 7  | 12:20 | 7    | 3.3   | 0.6  | 1.32  | 40   | 0     | 1.448  | 30.7 | 0     | 0.026  | 0   | 63.52  | 1        | 1.4482 | 3.3    | 4.7787 | 12.6 |
| 8  | 12:20 | 8    | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0    |

File\_Name 090608LP.EST.WAD  
 Start\_Date\_and\_Time 2009/06/08 13:02:56  
 Site\_Name LOR LONE PINE EAST  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P2352  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge REW  
 #\_Stations 9  
 Total\_Width 8.000 ft  
 Total\_Area 27.160 ft^2  
 Total\_Discharge 33.5281 cfs  
 Mean\_Depth 3.395 ft  
 Mean\_Velocity 1.2345 ft/s  
 Mean\_SNR 30.2 dB  
 Mean\_Verr 0.0175 ft/s  
 Mean\_Temp 64.94 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
     1 Good  
     2 Fair  
     3 Poor  
 Discharge\_Uncertainty\_(ISO)  
 Overall 6.1 %  
 Accuracy 1.0 %  
 Depth 0.2 %  
 Velocity 0.4 %  
 Width 0.2 %  
 Method 1.7 %  
 #\_Stations 5.8 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 1.8 %  
 Accuracy 1.0 %  
 Depth 1.3 %  
 Velocity 0.6 %  
 Width 0.2 %

#### Supplemental\_Data

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/08 | 12:59:46 | 0.000        | 4.190            | 32.5819         |          |

## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/8/2009 12:59

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc  | Depth | %Dep | MeasD | Npts | Spike | Vel    | SNR  | Angle | Verr   | Bnd | Temp   | CorrFact | MeanV  | Area   | Flow   | %Q   |
|----|-------|------|-------|------|-------|------|-------|--------|------|-------|--------|-----|--------|----------|--------|--------|--------|------|
| () | ()    | (ft) | (ft)  | (*D) | (ft)  | ()   | ()    | (ft/s) | (dB) | (deg) | (ft/s) | ()  | (degF) | ()       | (ft/s) | (ft^2) | (cfs)  | (%)  |
| 0  | 13:02 | 0    | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0    |
| 1  | 13:02 | 1    | 3.5   | 0.6  | 1.4   | 40   | 0     | 1.377  | 30.3 | 0     | 0.015  | 0   | 64.87  | 1        | 1.3766 | 3.5    | 4.8182 | 14.4 |
| 2  | 13:06 | 2    | 4.1   | 0.2  | 3.28  | 40   | 0     | 1.307  | 29.4 | -5    | 0.016  | 0   | 64.89  | 1        | 1.2781 | 4.1    | 5.2401 | 15.6 |
| 2  | 13:05 | 2    | 4.1   | 0.6  | 1.64  | 40   | 0     | 1.279  | 30.1 | -4    | 0.013  | 0   | 64.89  | 0        | 0      | 0      | 0      | 0    |
| 2  | 13:04 | 2    | 4.1   | 0.8  | 0.82  | 40   | 0     | 1.248  | 29.9 | -3    | 0.017  | 0   | 64.87  | 0        | 0      | 0      | 0      | 0    |
| 3  | 13:07 | 3    | 4.11  | 0.2  | 3.288 | 40   | 0     | 1.301  | 30.1 | -9    | 0.016  | 0   | 64.9   | 1        | 1.2302 | 4.11   | 5.0558 | 15.1 |
| 3  | 13:08 | 3    | 4.11  | 0.6  | 1.644 | 40   | 0     | 1.192  | 30.5 | -5    | 0.016  | 0   | 64.9   | 0        | 0      | 0      | 0      | 0    |
| 3  | 13:09 | 3    | 4.11  | 0.8  | 0.822 | 40   | 0     | 1.235  | 31.2 | 0     | 0.016  | 0   | 64.92  | 0        | 0      | 0      | 0      | 0    |
| 4  | 13:13 | 4    | 4.15  | 0.2  | 3.32  | 40   | 1     | 1.291  | 29.9 | -7    | 0.016  | 0   | 64.94  | 1        | 1.2536 | 4.15   | 5.2024 | 15.5 |
| 4  | 13:12 | 4    | 4.15  | 0.6  | 1.66  | 40   | 0     | 1.26   | 30.1 | -3    | 0.018  | 0   | 64.94  | 0        | 0      | 0      | 0      | 0    |
| 4  | 13:11 | 4    | 4.15  | 0.8  | 0.83  | 40   | 0     | 1.204  | 30.3 | -1    | 0.016  | 0   | 64.92  | 0        | 0      | 0      | 0      | 0    |
| 5  | 13:15 | 5    | 4.15  | 0.2  | 3.32  | 40   | 3     | 1.277  | 30.1 | -4    | 0.013  | 0   | 64.96  | 1        | 1.2379 | 4.15   | 5.137  | 15.3 |
| 5  | 13:16 | 5    | 4.15  | 0.6  | 1.66  | 40   | 1     | 1.225  | 30.5 | 0     | 0.015  | 0   | 64.98  | 0        | 0      | 0      | 0      | 0    |
| 5  | 13:18 | 5    | 4.15  | 0.8  | 0.83  | 40   | 1     | 1.225  | 30.1 | -1    | 0.016  | 0   | 64.99  | 0        | 0      | 0      | 0      | 0    |
| 6  | 13:22 | 6    | 3.9   | 0.2  | 3.12  | 40   | 0     | 1.238  | 30.7 | -6    | 0.016  | 0   | 65.01  | 1        | 1.1728 | 3.9    | 4.5739 | 13.6 |
| 6  | 13:21 | 6    | 3.9   | 0.6  | 1.56  | 40   | 0     | 1.219  | 30.5 | 0     | 0.019  | 0   | 65.01  | 0        | 0      | 0      | 0      | 0    |
| 6  | 13:20 | 6    | 3.9   | 0.8  | 0.78  | 40   | 0     | 1.016  | 31.2 | 3     | 0.019  | 0   | 64.99  | 0        | 0      | 0      | 0      | 0    |
| 7  | 13:23 | 7    | 3.25  | 0.6  | 1.3   | 40   | 1     | 1.077  | 30.1 | 0     | 0.026  | 0   | 65.03  | 1        | 1.0771 | 3.25   | 3.5006 | 10.4 |
| 8  | 13:23 | 8    | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0    |



File\_Name 090608LP.WST.WAD  
 Start\_Date\_and\_Time 2009/06/08 12:34:41  
 Site\_Name LOR LONE PINE WEST  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P2352  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge REW  
 #\_Stations 9  
 Total\_Width 8.000 ft  
 Total\_Area 23.950 ft^2  
 Total\_Discharge 36.1508 cfs  
 Mean\_Depth 2.994 ft  
 Mean\_Velocity 1.5094 ft/s  
 Mean\_SNR 30.0 dB  
 Mean\_Verr 0.0192 ft/s  
 Mean\_Temp 64.73 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 6.1 %  
 Accuracy 1.0 %  
 Depth 0.2 %  
 Velocity 0.3 %  
 Width 0.2 %  
 Method 1.6 %  
 #\_Stations 5.8 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 1.6 %  
 Accuracy 1.0 %  
 Depth 0.9 %  
 Velocity 0.8 %  
 Width 0.2 %

#### Supplemental\_Data

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/08 | 12:32:43 | 0.000        | 3.680            | 33.6220         |          |

## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/8/2009 12:32

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc  | Depth | %Dep | MeasD | Npts | Spike | Vel    | SNR  | Angle | Verr   | Bnd | Temp   | CorrFact | MeanV  | Area   | Flow   | %Q   |
|----|-------|------|-------|------|-------|------|-------|--------|------|-------|--------|-----|--------|----------|--------|--------|--------|------|
| () | ()    | (ft) | (ft)  | (*D) | (ft)  | ()   | ()    | (ft/s) | (dB) | (deg) | (ft/s) | ()  | (degF) | ()       | (ft/s) | (ft^2) | (cfs)  | (%)  |
| 0  | 12:34 | 0    | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0    |
| 1  | 12:36 | 1    | 2.89  | 0.6  | 1.156 | 40   | 0     | 1.477  | 30.5 | 5     | 0.016  | 0   | 64.65  | 1        | 1.477  | 2.89   | 4.2688 | 11.8 |
| 2  | 12:40 | 2    | 3.3   | 0.2  | 2.64  | 40   | 1     | 1.644  | 29.5 | 1     | 0.014  | 0   | 64.67  | 1        | 1.4662 | 3.3    | 4.8383 | 13.4 |
| 2  | 12:39 | 2    | 3.3   | 0.6  | 1.32  | 40   | 0     | 1.496  | 29.9 | 7     | 0.019  | 0   | 64.67  | 0        | 0      | 0      | 0      | 0    |
| 2  | 12:38 | 2    | 3.3   | 0.8  | 0.66  | 40   | 2     | 1.229  | 30.9 | 8     | 0.024  | 0   | 64.65  | 0        | 0      | 0      | 0      | 0    |
| 3  | 12:41 | 3    | 3.58  | 0.2  | 2.864 | 40   | 1     | 1.69   | 29.5 | 2     | 0.012  | 0   | 64.69  | 1        | 1.4882 | 3.58   | 5.3278 | 14.7 |
| 3  | 12:42 | 3    | 3.58  | 0.6  | 1.432 | 40   | 0     | 1.51   | 30.1 | 3     | 0.017  | 0   | 64.71  | 0        | 0      | 0      | 0      | 0    |
| 3  | 12:43 | 3    | 3.58  | 0.8  | 0.716 | 40   | 0     | 1.243  | 31.2 | 6     | 0.03   | 0   | 64.71  | 0        | 0      | 0      | 0      | 0    |
| 4  | 12:47 | 4    | 3.7   | 0.2  | 2.96  | 40   | 0     | 1.714  | 29.2 | -1    | 0.014  | 0   | 64.74  | 1        | 1.5363 | 3.7    | 5.6846 | 15.7 |
| 4  | 12:46 | 4    | 3.7   | 0.6  | 1.48  | 40   | 0     | 1.493  | 30.3 | 1     | 0.019  | 0   | 64.72  | 0        | 0      | 0      | 0      | 0    |
| 4  | 12:45 | 4    | 3.7   | 0.8  | 0.74  | 40   | 0     | 1.446  | 30.5 | 4     | 0.022  | 0   | 64.72  | 0        | 0      | 0      | 0      | 0    |
| 5  | 12:48 | 5    | 3.78  | 0.2  | 3.024 | 40   | 0     | 1.656  | 29.5 | 2     | 0.015  | 0   | 64.74  | 1        | 1.5778 | 3.78   | 5.9637 | 16.5 |
| 5  | 12:49 | 5    | 3.78  | 0.6  | 1.512 | 40   | 0     | 1.6    | 29.7 | 3     | 0.017  | 0   | 64.76  | 0        | 0      | 0      | 0      | 0    |
| 5  | 12:50 | 5    | 3.78  | 0.8  | 0.756 | 40   | 2     | 1.456  | 29.9 | 7     | 0.026  | 0   | 64.76  | 0        | 0      | 0      | 0      | 0    |
| 6  | 12:54 | 6    | 3.6   | 0.2  | 2.88  | 40   | 0     | 1.588  | 29.7 | 1     | 0.015  | 0   | 64.78  | 1        | 1.5766 | 3.6    | 5.6759 | 15.7 |
| 6  | 12:53 | 6    | 3.6   | 0.6  | 1.44  | 40   | 1     | 1.585  | 30.1 | 4     | 0.02   | 0   | 64.78  | 0        | 0      | 0      | 0      | 0    |
| 6  | 12:52 | 6    | 3.6   | 0.8  | 0.72  | 40   | 1     | 1.548  | 29.5 | 2     | 0.019  | 0   | 64.78  | 0        | 0      | 0      | 0      | 0    |
| 7  | 12:55 | 7    | 3.1   | 0.6  | 1.24  | 40   | 1     | 1.417  | 29.9 | 3     | 0.025  | 0   | 64.81  | 1        | 1.4167 | 3.1    | 4.3918 | 12.1 |
| 8  | 12:55 | 8    | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0    |

File\_Name 090609LP.EST.WAD  
 Start\_Date\_and\_Time 2009/06/09 13:14:56  
 Site\_Name LOR LONE PINE EAST  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P2352  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge REW  
 #\_Stations 9  
 Total\_Width 8.000 ft  
 Total\_Area 26.290 ft^2  
 Total\_Discharge 30.8179 cfs  
 Mean\_Depth 3.286 ft  
 Mean\_Velocity 1.1722 ft/s  
 Mean\_SNR 29.8 dB  
 Mean\_Verr 0.0175 ft/s  
 Mean\_Temp 65.69 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 6.1 %  
 Accuracy 1.0 %  
 Depth 0.2 %  
 Velocity 0.4 %  
 Width 0.2 %  
 Method 1.7 %  
 #\_Stations 5.8 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 1.8 %  
 Accuracy 1.0 %  
 Depth 1.1 %  
 Velocity 1.0 %  
 Width 0.2 %

#### Supplemental\_Data

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/09 | 13:12:59 | 0.000        | 4.030            | 30.8618         |          |

## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/9/2009 13:13

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc  | Depth | %Dep | MeasD | Npts | Spike | Vel    | SNR  | Angle | Verr   | Bnd | Temp   | CorrFact | MeanV  | Area   | Flow   | %Q   |
|----|-------|------|-------|------|-------|------|-------|--------|------|-------|--------|-----|--------|----------|--------|--------|--------|------|
| () | ()    | (ft) | (ft)  | (*D) | (ft)  | ()   | ()    | (ft/s) | (dB) | (deg) | (ft/s) | ()  | (degF) | ()       | (ft/s) | (ft^2) | (cfs)  | (%)  |
| 0  | 13:14 | 0    | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0    |
| 1  | 13:14 | 1    | 3.4   | 0.6  | 1.36  | 40   | 2     | 1.294  | 29.4 | 0     | 0.012  | 0   | 65.61  | 1        | 1.294  | 3.4    | 4.3994 | 14.3 |
| 2  | 13:18 | 2    | 3.91  | 0.2  | 3.128 | 40   | 0     | 1.271  | 29.9 | -5    | 0.013  | 0   | 65.62  | 1        | 1.2365 | 3.91   | 4.835  | 15.7 |
| 2  | 13:17 | 2    | 3.91  | 0.6  | 1.564 | 40   | 0     | 1.252  | 30.3 | -5    | 0.017  | 0   | 65.62  | 0        | 0      | 0      | 0      | 0    |
| 2  | 13:16 | 2    | 3.91  | 0.8  | 0.782 | 40   | 2     | 1.172  | 30.1 | -6    | 0.015  | 0   | 65.61  | 0        | 0      | 0      | 0      | 0    |
| 3  | 13:20 | 3    | 4.01  | 0.2  | 3.208 | 40   | 0     | 1.275  | 29.9 | -7    | 0.015  | 0   | 65.64  | 1        | 1.1834 | 4.01   | 4.7452 | 15.4 |
| 3  | 13:20 | 3    | 4.01  | 0.6  | 1.604 | 40   | 1     | 1.182  | 30.1 | -5    | 0.013  | 0   | 65.64  | 0        | 0      | 0      | 0      | 0    |
| 3  | 13:21 | 3    | 4.01  | 0.8  | 0.802 | 40   | 0     | 1.094  | 30.3 | 0     | 0.017  | 0   | 65.66  | 0        | 0      | 0      | 0      | 0    |
| 4  | 13:25 | 4    | 4.04  | 0.2  | 3.232 | 40   | 1     | 1.244  | 30.3 | -2    | 0.013  | 0   | 65.7   | 1        | 1.2068 | 4.04   | 4.8754 | 15.8 |
| 4  | 13:24 | 4    | 4.04  | 0.6  | 1.616 | 40   | 0     | 1.198  | 30.7 | 0     | 0.016  | 0   | 65.68  | 0        | 0      | 0      | 0      | 0    |
| 4  | 13:23 | 4    | 4.04  | 0.8  | 0.808 | 40   | 0     | 1.188  | 30.3 | -2    | 0.015  | 0   | 65.66  | 0        | 0      | 0      | 0      | 0    |
| 5  | 13:27 | 5    | 3.95  | 0.2  | 3.16  | 40   | 0     | 1.268  | 30.1 | -6    | 0.015  | 0   | 65.7   | 1        | 1.2149 | 3.95   | 4.799  | 15.6 |
| 5  | 13:28 | 5    | 3.95  | 0.6  | 1.58  | 40   | 0     | 1.25   | 30.1 | -2    | 0.017  | 0   | 65.71  | 0        | 0      | 0      | 0      | 0    |
| 5  | 13:29 | 5    | 3.95  | 0.8  | 0.79  | 40   | 1     | 1.092  | 30.3 | -3    | 0.019  | 0   | 65.71  | 0        | 0      | 0      | 0      | 0    |
| 6  | 13:32 | 6    | 3.78  | 0.2  | 3.024 | 40   | 0     | 1.182  | 29.9 | -3    | 0.014  | 0   | 65.75  | 1        | 1.0709 | 3.78   | 4.0477 | 13.1 |
| 6  | 13:31 | 6    | 3.78  | 0.6  | 1.512 | 40   | 0     | 1.108  | 30.1 | -1    | 0.02   | 0   | 65.75  | 0        | 0      | 0      | 0      | 0    |
| 6  | 13:30 | 6    | 3.78  | 0.8  | 0.756 | 40   | 0     | 0.886  | 30.3 | 0     | 0.025  | 0   | 65.73  | 0        | 0      | 0      | 0      | 0    |
| 7  | 13:37 | 7    | 3.2   | 0.6  | 1.28  | 40   | 2     | 0.974  | 28.8 | 2     | 0.03   | 0   | 65.91  | 1        | 0.9738 | 3.2    | 3.1161 | 10.1 |
| 8  | 13:37 | 8    | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0    |

File\_Name 090609LP.WST.WAD  
 Start\_Date\_and\_Time 2009/06/09 12:49:00  
 Site\_Name LOR LONE PINE WEST  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P2352  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge REW  
 #\_Stations 9  
 Total\_Width 8.000 ft  
 Total\_Area 23.080 ft^2  
 Total\_Discharge 33.8909 cfs  
 Mean\_Depth 2.885 ft  
 Mean\_Velocity 1.4684 ft/s  
 Mean\_SNR 29.7 dB  
 Mean\_Verr 0.0193 ft/s  
 Mean\_Temp 65.57 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 6.1 %  
 Accuracy 1.0 %  
 Depth 0.2 %  
 Velocity 0.4 %  
 Width 0.2 %  
 Method 1.6 %  
 #\_Stations 5.8 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 1.6 %  
 Accuracy 1.0 %  
 Depth 0.9 %  
 Velocity 0.8 %  
 Width 0.2 %

#### Supplemental\_Data

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/09 | 12:47:13 | 0.000        | 3.500            | 30.7818         |          |

## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/9/2009 12:47

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc  | Depth | %Dep | MeasD | Npts | Spike | Vel    | SNR  | Angle | Verr   | Bnd | Temp   | CorrFact | MeanV  | Area   | Flow   | %Q   |
|----|-------|------|-------|------|-------|------|-------|--------|------|-------|--------|-----|--------|----------|--------|--------|--------|------|
| () | ()    | (ft) | (ft)  | (*D) | (ft)  | ()   | ()    | (ft/s) | (dB) | (deg) | (ft/s) | ()  | (degF) | ()       | (ft/s) | (ft^2) | (cfs)  | (%)  |
| 0  | 12:49 | 0    | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0    |
| 1  | 12:49 | 1    | 2.77  | 0.6  | 1.108 | 40   | 1     | 1.501  | 28.8 | 1     | 0.013  | 0   | 65.59  | 1        | 1.501  | 2.77   | 4.1577 | 12.3 |
| 2  | 12:52 | 2    | 3.19  | 0.2  | 2.552 | 40   | 0     | 1.577  | 29   | 1     | 0.012  | 0   | 65.57  | 1        | 1.4809 | 3.19   | 4.724  | 13.9 |
| 2  | 12:51 | 2    | 3.19  | 0.6  | 1.276 | 40   | 0     | 1.52   | 29.5 | 3     | 0.014  | 0   | 65.57  | 0        | 0      | 0      | 0      | 0    |
| 2  | 12:50 | 2    | 3.19  | 0.8  | 0.638 | 40   | 0     | 1.306  | 29.5 | 6     | 0.026  | 0   | 65.57  | 0        | 0      | 0      | 0      | 0    |
| 3  | 12:54 | 3    | 3.45  | 0.2  | 2.76  | 40   | 0     | 1.575  | 29.7 | 2     | 0.012  | 0   | 65.57  | 1        | 1.4311 | 3.45   | 4.9375 | 14.6 |
| 3  | 12:55 | 3    | 3.45  | 0.6  | 1.38  | 40   | 0     | 1.472  | 29.7 | 7     | 0.02   | 0   | 65.59  | 0        | 0      | 0      | 0      | 0    |
| 3  | 12:56 | 3    | 3.45  | 0.8  | 0.69  | 40   | 0     | 1.206  | 30.3 | 8     | 0.025  | 0   | 65.61  | 0        | 0      | 0      | 0      | 0    |
| 4  | 13:00 | 4    | 3.57  | 0.2  | 2.856 | 40   | 1     | 1.521  | 29.5 | 0     | 0.015  | 0   | 65.59  | 1        | 1.473  | 3.57   | 5.2585 | 15.5 |
| 4  | 12:59 | 4    | 3.57  | 0.6  | 1.428 | 40   | 0     | 1.531  | 29.7 | 2     | 0.021  | 0   | 65.59  | 0        | 0      | 0      | 0      | 0    |
| 4  | 12:58 | 4    | 3.57  | 0.8  | 0.714 | 40   | 0     | 1.308  | 29.9 | 4     | 0.027  | 0   | 65.61  | 0        | 0      | 0      | 0      | 0    |
| 5  | 13:01 | 5    | 3.62  | 0.2  | 2.896 | 40   | 1     | 1.589  | 29.6 | 0     | 0.015  | 0   | 65.55  | 1        | 1.5021 | 3.62   | 5.4378 | 16   |
| 5  | 13:02 | 5    | 3.62  | 0.6  | 1.448 | 40   | 1     | 1.533  | 30.1 | 5     | 0.015  | 0   | 65.57  | 0        | 0      | 0      | 0      | 0    |
| 5  | 13:03 | 5    | 3.62  | 0.8  | 0.724 | 40   | 2     | 1.354  | 30.7 | 5     | 0.02   | 0   | 65.57  | 0        | 0      | 0      | 0      | 0    |
| 6  | 13:06 | 6    | 3.48  | 0.2  | 2.784 | 40   | 1     | 1.546  | 29.9 | 2     | 0.016  | 0   | 65.53  | 1        | 1.5059 | 3.48   | 5.2405 | 15.5 |
| 6  | 13:06 | 6    | 3.48  | 0.6  | 1.392 | 40   | 0     | 1.555  | 30.1 | 3     | 0.016  | 0   | 65.55  | 0        | 0      | 0      | 0      | 0    |
| 6  | 13:04 | 6    | 3.48  | 0.8  | 0.696 | 40   | 2     | 1.369  | 30.3 | 5     | 0.018  | 0   | 65.55  | 0        | 0      | 0      | 0      | 0    |
| 7  | 13:08 | 7    | 3     | 0.6  | 1.2   | 40   | 0     | 1.378  | 29.9 | 0     | 0.031  | 0   | 65.55  | 1        | 1.3783 | 3      | 4.1348 | 12.2 |
| 8  | 13:08 | 8    | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0    |

File\_Name 090629LP.EST.WAD  
 Start\_Date\_and\_Time 2009/06/29 11:11:08  
 Site\_Name LOR LONE PINE EAST  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P2352  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge REW  
 #\_Stations 9  
 Total\_Width 8.000 ft  
 Total\_Area 24.090 ft^2  
 Total\_Discharge 24.7011 cfs  
 Mean\_Depth 3.011 ft  
 Mean\_Velocity 1.0254 ft/s  
 Mean\_SNR 30.9 dB  
 Mean\_Verr 0.0139 ft/s  
 Mean\_Temp 69.17 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 6.1 %  
 Accuracy 1.0 %  
 Depth 0.2 %  
 Velocity 0.4 %  
 Width 0.2 %  
 Method 1.6 %  
 #\_Stations 5.8 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 2.5 %  
 Accuracy 1.0 %  
 Depth 1.4 %  
 Velocity 1.8 %  
 Width 0.2 %

#### Supplemental\_Data

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/29 | 11:09:06 | 0.000        | 3.680            | 23.5014         |          |

## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/29/2009 11:09

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc  | Depth | %Dep | MeasD | Npts | Spike | Vel    | SNR  | Angle | Verr   | Bnd | Temp   | CorrFact | MeanV  | Area   | Flow   | %Q   |
|----|-------|------|-------|------|-------|------|-------|--------|------|-------|--------|-----|--------|----------|--------|--------|--------|------|
| () | ()    | (ft) | (ft)  | (*D) | (ft)  | ()   | ()    | (ft/s) | (dB) | (deg) | (ft/s) | ()  | (degF) | ()       | (ft/s) | (ft^2) | (cfs)  | (%)  |
| 0  | 11:11 | 0    | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0    |
| 1  | 11:11 | 1    | 2.98  | 0.6  | 1.192 | 40   | 1     | 1.03   | 30.9 | -1    | 0.014  | 0   | 69.08  | 1        | 1.0295 | 2.98   | 3.068  | 12.4 |
| 2  | 11:15 | 2    | 3.6   | 0.2  | 2.88  | 40   | 0     | 1.111  | 30.1 | -3    | 0.012  | 0   | 69.13  | 1        | 1.0588 | 3.6    | 3.8118 | 15.4 |
| 2  | 11:14 | 2    | 3.6   | 0.6  | 1.44  | 40   | 0     | 1.077  | 31.4 | -2    | 0.014  | 0   | 69.12  | 0        | 0      | 0      | 0      | 0    |
| 2  | 11:13 | 2    | 3.6   | 0.8  | 0.72  | 40   | 0     | 0.971  | 31.8 | -6    | 0.016  | 0   | 69.1   | 0        | 0      | 0      | 0      | 0    |
| 3  | 11:16 | 3    | 3.63  | 0.2  | 2.904 | 40   | 0     | 1.111  | 30.3 | -5    | 0.011  | 0   | 69.15  | 1        | 0.9989 | 3.63   | 3.6258 | 14.7 |
| 3  | 11:17 | 3    | 3.63  | 0.6  | 1.452 | 40   | 0     | 0.949  | 31.4 | -3    | 0.019  | 0   | 69.15  | 0        | 0      | 0      | 0      | 0    |
| 3  | 11:18 | 3    | 3.63  | 0.8  | 0.726 | 40   | 0     | 0.988  | 31.8 | -1    | 0.014  | 0   | 69.15  | 0        | 0      | 0      | 0      | 0    |
| 4  | 11:22 | 4    | 3.7   | 0.2  | 2.96  | 40   | 0     | 1.081  | 30.3 | -2    | 0.013  | 0   | 69.21  | 1        | 1.0849 | 3.7    | 4.0142 | 16.3 |
| 4  | 11:21 | 4    | 3.7   | 0.6  | 1.48  | 40   | 1     | 1.107  | 30.7 | -3    | 0.01   | 0   | 69.19  | 0        | 0      | 0      | 0      | 0    |
| 4  | 11:20 | 4    | 3.7   | 0.8  | 0.74  | 40   | 1     | 1.046  | 31.1 | -4    | 0.013  | 0   | 69.17  | 0        | 0      | 0      | 0      | 0    |
| 5  | 11:23 | 5    | 3.68  | 0.2  | 2.944 | 40   | 0     | 1.103  | 29.6 | -2    | 0.012  | 0   | 69.17  | 1        | 1.0926 | 3.68   | 4.0209 | 16.3 |
| 5  | 11:24 | 5    | 3.68  | 0.6  | 1.472 | 40   | 0     | 1.117  | 30.3 | -2    | 0.012  | 0   | 69.21  | 0        | 0      | 0      | 0      | 0    |
| 5  | 11:25 | 5    | 3.68  | 0.8  | 0.736 | 40   | 1     | 1.034  | 30.9 | -3    | 0.011  | 0   | 69.21  | 0        | 0      | 0      | 0      | 0    |
| 6  | 11:29 | 6    | 3.5   | 0.2  | 2.8   | 40   | 0     | 1.097  | 30.7 | -6    | 0.012  | 0   | 69.21  | 1        | 1.0537 | 3.5    | 3.688  | 14.9 |
| 6  | 11:28 | 6    | 3.5   | 0.6  | 1.4   | 40   | 0     | 1.079  | 30.7 | -3    | 0.014  | 0   | 69.22  | 0        | 0      | 0      | 0      | 0    |
| 6  | 11:27 | 6    | 3.5   | 0.8  | 0.7   | 40   | 0     | 0.96   | 31.6 | -4    | 0.016  | 0   | 69.21  | 0        | 0      | 0      | 0      | 0    |
| 7  | 11:30 | 7    | 3     | 0.6  | 1.2   | 40   | 0     | 0.824  | 31.6 | 2     | 0.017  | 0   | 69.24  | 1        | 0.8241 | 3      | 2.4724 | 10   |
| 8  | 11:30 | 8    | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0    |



File\_Name 090629LP.WST.WAD  
 Start\_Date\_and\_Time 2009/06/29 10:44:57  
 Site\_Name LOR LONE PINE WEST  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P2352  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge REW  
 #\_Stations 9  
 Total\_Width 8.000 ft  
 Total\_Area 20.640 ft^2  
 Total\_Discharge 26.3523 cfs  
 Mean\_Depth 2.580 ft  
 Mean\_Velocity 1.2768 ft/s  
 Mean\_SNR 30.5 dB  
 Mean\_Verr 0.0135 ft/s  
 Mean\_Temp 68.91 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 6.1 %  
 Accuracy 1.0 %  
 Depth 0.2 %  
 Velocity 0.3 %  
 Width 0.2 %  
 Method 1.6 %  
 #\_Stations 5.8 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 1.6 %  
 Accuracy 1.0 %  
 Depth 0.8 %  
 Velocity 1.0 %  
 Width 0.2 %

#### Supplemental\_Data

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/29 | 10:43:20 | 0.000        | 3.170            | 23.5014         |          |

## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/29/2009 10:43

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc  | Depth | %Dep | MeasD | Npts | Spike | Vel    | SNR  | Angle | Verr   | Bnd | Temp   | CorrFact | MeanV  | Area   | Flow   | %Q   |
|----|-------|------|-------|------|-------|------|-------|--------|------|-------|--------|-----|--------|----------|--------|--------|--------|------|
| () | ()    | (ft) | (ft)  | (*D) | (ft)  | ()   | ()    | (ft/s) | (dB) | (deg) | (ft/s) | ()  | (degF) | ()       | (ft/s) | (ft^2) | (cfs)  | (%)  |
| 0  | 10:44 | 0    | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0    |
| 1  | 10:44 | 1    | 2.46  | 0.6  | 0.984 | 40   | 3     | 1.248  | 30.1 | 3     | 0.008  | 0   | 68.81  | 1        | 1.248  | 2.46   | 3.0701 | 11.7 |
| 2  | 10:48 | 2    | 2.79  | 0.2  | 2.232 | 40   | 0     | 1.362  | 29.9 | 1     | 0.011  | 0   | 68.83  | 1        | 1.3007 | 2.79   | 3.629  | 13.8 |
| 2  | 10:47 | 2    | 2.79  | 0.6  | 1.116 | 40   | 0     | 1.316  | 30.3 | 4     | 0.013  | 0   | 68.83  | 0        | 0      | 0      | 0      | 0    |
| 2  | 10:46 | 2    | 2.79  | 0.8  | 0.558 | 40   | 1     | 1.209  | 30.7 | 5     | 0.015  | 0   | 68.81  | 0        | 0      | 0      | 0      | 0    |
| 3  | 10:50 | 3    | 3.06  | 0.2  | 2.448 | 40   | 0     | 1.349  | 30.1 | 2     | 0.01   | 0   | 68.85  | 1        | 1.2525 | 3.06   | 3.8326 | 14.5 |
| 3  | 10:51 | 3    | 3.06  | 0.6  | 1.224 | 40   | 0     | 1.261  | 30.7 | 1     | 0.014  | 0   | 68.86  | 0        | 0      | 0      | 0      | 0    |
| 3  | 10:52 | 3    | 3.06  | 0.8  | 0.612 | 40   | 0     | 1.139  | 31.6 | 8     | 0.027  | 0   | 68.88  | 0        | 0      | 0      | 0      | 0    |
| 4  | 10:55 | 4    | 3.18  | 0.2  | 2.544 | 40   | 1     | 1.3    | 29.7 | 4     | 0.011  | 0   | 68.92  | 1        | 1.3178 | 3.18   | 4.1909 | 15.9 |
| 4  | 10:54 | 4    | 3.18  | 0.6  | 1.272 | 40   | 0     | 1.363  | 30.9 | 2     | 0.013  | 0   | 68.9   | 0        | 0      | 0      | 0      | 0    |
| 4  | 10:53 | 4    | 3.18  | 0.8  | 0.636 | 40   | 0     | 1.246  | 30.7 | 3     | 0.016  | 0   | 68.88  | 0        | 0      | 0      | 0      | 0    |
| 5  | 10:57 | 5    | 3.27  | 0.2  | 2.616 | 40   | 0     | 1.342  | 30.1 | 0     | 0.01   | 0   | 68.95  | 1        | 1.3059 | 3.27   | 4.2702 | 16.2 |
| 5  | 10:58 | 5    | 3.27  | 0.6  | 1.308 | 40   | 1     | 1.353  | 30.3 | 4     | 0.009  | 0   | 68.95  | 0        | 0      | 0      | 0      | 0    |
| 5  | 10:59 | 5    | 3.27  | 0.8  | 0.654 | 40   | 2     | 1.176  | 30.9 | 8     | 0.021  | 0   | 68.97  | 0        | 0      | 0      | 0      | 0    |
| 6  | 11:03 | 6    | 3.1   | 0.2  | 2.48  | 40   | 0     | 1.282  | 30.3 | 1     | 0.017  | 0   | 69.01  | 1        | 1.2961 | 3.1    | 4.018  | 15.2 |
| 6  | 11:02 | 6    | 3.1   | 0.6  | 1.24  | 40   | 0     | 1.313  | 30.7 | 5     | 0.015  | 0   | 69.01  | 0        | 0      | 0      | 0      | 0    |
| 6  | 11:01 | 6    | 3.1   | 0.8  | 0.62  | 40   | 0     | 1.277  | 30.3 | 8     | 0.014  | 0   | 68.99  | 0        | 0      | 0      | 0      | 0    |
| 7  | 11:05 | 7    | 2.78  | 0.6  | 1.112 | 40   | 0     | 1.202  | 30.9 | 3     | 0.015  | 0   | 69.03  | 1        | 1.2021 | 2.78   | 3.3417 | 12.7 |
| 8  | 11:05 | 8    | 0     | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0      | 0      | 0      | 0    |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 1   | 0    | 2      | 59     | 1.145     | 0.095     | 3.514 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 0    | 12     | 59     | 1.191     | 0.082     | 3.517 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 0    | 22     | 59     | 1.194     | 0.089     | 3.517 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 0    | 32     | 59     | 1.188     | 0.095     | 3.514 | 0.01      | 0.007     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 0    | 42     | 59     | 1.23      | 0.023     | 3.517 | 0.016     | 0.013     | 0         | 55.5 | 49   | 0    | 155        | 141        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 0    | 52     | 59     | 1.211     | 0.082     | 3.517 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 1    | 2      | 59     | 1.161     | 0.069     | 3.514 | 0.01      | 0.007     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 1    | 12     | 59     | 1.165     | 0.085     | 3.517 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 1    | 22     | 59     | 1.194     | 0.066     | 3.517 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 1    | 32     | 59     | 1.142     | 0.072     | 3.517 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 1    | 42     | 59     | 1.227     | 0.052     | 3.517 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 1    | 52     | 59     | 1.217     | 0.026     | 3.517 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 2    | 2      | 59     | 1.243     | 0.062     | 3.517 | 0.01      | 0.007     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 2    | 12     | 59     | 1.201     | 0.052     | 3.517 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 2    | 22     | 59     | 1.171     | 0.105     | 3.517 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 2    | 32     | 59     | 1.198     | 0.079     | 3.517 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 2    | 42     | 59     | 1.211     | 0.052     | 3.517 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 2    | 52     | 59     | 1.198     | 0.085     | 3.517 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 1   | 3    | 2      | 59     | 1.201     | -0.007    | 3.517 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 3    | 12     | 59     | 1.155     | 0.066     | 3.517 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 3    | 22     | 59     | 1.181     | 0.125     | 3.517 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 3    | 32     | 59     | 1.204     | 0.072     | 3.517 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 1   | 3    | 42     | 59     | 1.198     | 0.075     | 3.517 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 3    | 52     | 59     | 1.178     | 0.056     | 3.517 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 1   | 4    | 2      | 59     | 1.227     | 0.039     | 3.517 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 4    | 12     | 59     | 1.155     | 0.052     | 3.52  | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 4    | 22     | 59     | 1.198     | 0.036     | 3.517 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 4    | 32     | 59     | 1.181     | 0.016     | 3.52  | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 4    | 42     | 59     | 1.198     | 0.105     | 3.517 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 1   | 4    | 52     | 59     | 1.184     | 0.085     | 3.517 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 5    | 2      | 59     | 1.194     | 0.079     | 3.517 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 5    | 12     | 59     | 1.181     | 0.066     | 3.52  | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 5    | 22     | 59     | 1.22      | 0.052     | 3.52  | 0.016     | 0.016     | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 5    | 32     | 59     | 1.194     | 0.079     | 3.52  | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 0    | 156        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 1   | 5    | 42     | 59     | 1.191     | 0.043     | 3.52  | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 5    | 52     | 59     | 1.234     | 0.059     | 3.52  | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 6    | 2      | 59     | 1.24      | 0.052     | 3.517 | 0.01      | 0.007     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 6    | 12     | 59     | 1.191     | 0.108     | 3.517 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 6    | 22     | 59     | 1.171     | 0.095     | 3.52  | 0.016     | 0.016     | 0         | 56.3 | 56.8 | 0    | 158        | 158        | 0          | 27     | 26     |
| 2009 | 6     | 1   | 6    | 32     | 59     | 1.204     | 0.056     | 3.52  | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 0    | 156        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 1   | 6    | 42     | 59     | 1.201     | 0.069     | 3.52  | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 0    | 156        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 1   | 6    | 52     | 59     | 1.211     | 0.049     | 3.52  | 0.016     | 0.016     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 7    | 2      | 59     | 1.181     | 0.108     | 3.52  | 0.013     | 0.01      | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 7    | 12     | 59     | 1.198     | 0.082     | 3.52  | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 7    | 22     | 59     | 1.194     | 0.085     | 3.52  | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 7    | 32     | 59     | 1.194     | 0.059     | 3.52  | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 156        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 1   | 7    | 42     | 59     | 1.198     | 0.052     | 3.52  | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 7    | 52     | 59     | 1.217     | 0.075     | 3.52  | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 0    | 156        | 157        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 1   | 8    | 2      | 59     | 1.191     | 0.105     | 3.52  | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 8    | 12     | 59     | 1.198     | 0.062     | 3.52  | 0.013     | 0.01      | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 8    | 22     | 59     | 1.211     | 0.043     | 3.52  | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 8    | 32     | 59     | 1.22      | 0.072     | 3.52  | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 8    | 42     | 59     | 1.168     | 0.066     | 3.52  | 0.016     | 0.013     | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 1   | 8    | 52     | 59     | 1.207     | 0.052     | 3.52  | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 9    | 2      | 59     | 1.194     | 0.059     | 3.52  | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 9    | 12     | 59     | 1.135     | 0.079     | 3.52  | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 9    | 22     | 59     | 1.211     | 0.046     | 3.52  | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 9    | 32     | 59     | 1.194     | 0.046     | 3.52  | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 9    | 42     | 59     | 1.188     | 0.056     | 3.52  | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 9    | 52     | 59     | 1.155     | 0.075     | 3.52  | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 10   | 2      | 59     | 1.198     | 0.013     | 3.52  | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 10   | 12     | 59     | 1.207     | 0.085     | 3.52  | 0.01      | 0.007     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 10   | 22     | 59     | 1.257     | 0.033     | 3.524 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 10   | 32     | 59     | 1.217     | 0         | 3.52  | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 10   | 42     | 59     | 1.145     | 0.059     | 3.52  | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 10   | 52     | 59     | 1.198     | 0.01      | 3.524 | 0.016     | 0.016     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 11   | 2      | 59     | 1.25      | 0.026     | 3.52  | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 11   | 12     | 59     | 1.224     | 0.079     | 3.524 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 11   | 22     | 59     | 1.158     | 0.108     | 3.52  | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 11   | 32     | 59     | 1.211     | 0.072     | 3.524 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 11   | 42     | 59     | 1.184     | 0.082     | 3.524 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 11   | 52     | 59     | 1.211     | 0.066     | 3.524 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 12   | 2      | 59     | 1.168     | 0.075     | 3.524 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 1   | 12   | 12     | 59     | 1.175     | 0.056     | 3.524 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 12   | 22     | 59     | 1.237     | 0.052     | 3.524 | 0.016     | 0.013     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 12   | 32     | 59     | 1.257     | 0.066     | 3.524 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 0    | 152        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 1   | 12   | 42     | 59     | 1.24      | 0.013     | 3.524 | 0.016     | 0.016     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 12   | 52     | 59     | 1.22      | 0.112     | 3.524 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 13   | 2      | 59     | 1.181     | 0.066     | 3.524 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 13   | 12     | 59     | 1.207     | 0.046     | 3.524 | 0.016     | 0.013     | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 13   | 22     | 59     | 1.224     | 0.105     | 3.524 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 13   | 32     | 59     | 1.214     | 0.069     | 3.52  | 0.016     | 0.016     | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 13   | 42     | 59     | 1.188     | 0.056     | 3.524 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 13   | 52     | 59     | 1.214     | 0.043     | 3.524 | 0.01      | 0.007     | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 14   | 2      | 59     | 1.214     | 0.049     | 3.52  | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 14   | 12     | 59     | 1.24      | 0.082     | 3.52  | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 14   | 22     | 59     | 1.204     | 0.036     | 3.52  | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 14   | 32     | 59     | 1.175     | 0.112     | 3.52  | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 14   | 42     | 59     | 1.204     | 0.043     | 3.517 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 14   | 52     | 59     | 1.145     | 0.092     | 3.52  | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 1   | 15   | 2      | 59     | 1.214     | 0.082     | 3.52  | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 15   | 12     | 59     | 1.194     | 0.102     | 3.52  | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 15   | 22     | 59     | 1.178     | 0.085     | 3.52  | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 151        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 15   | 32     | 59     | 1.234     | 0.079     | 3.517 | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 15   | 42     | 59     | 1.168     | 0.085     | 3.52  | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 15   | 52     | 59     | 1.145     | 0.085     | 3.52  | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 1   | 16   | 2      | 59     | 1.214     | 0.085     | 3.52  | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 16   | 12     | 59     | 1.217     | 0.052     | 3.517 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 16   | 22     | 59     | 1.24      | 0.066     | 3.52  | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 16   | 32     | 59     | 1.168     | 0.105     | 3.52  | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 16   | 42     | 59     | 1.184     | 0.082     | 3.52  | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 16   | 52     | 59     | 1.207     | 0.095     | 3.52  | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 17   | 2      | 59     | 1.224     | 0.089     | 3.517 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 17   | 12     | 59     | 1.198     | 0.062     | 3.52  | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 17   | 22     | 59     | 1.22      | 0.075     | 3.52  | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 17   | 32     | 59     | 1.217     | 0.062     | 3.52  | 0.016     | 0.016     | 0         | 53.8 | 55   | 0    | 153        | 154        | 0          | 28     | 26     |
| 2009 | 6     | 1   | 17   | 42     | 59     | 1.198     | 0.095     | 3.52  | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 17   | 52     | 59     | 1.181     | 0.036     | 3.517 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 18   | 2      | 59     | 1.207     | 0.102     | 3.52  | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 18   | 12     | 59     | 1.188     | 0.01      | 3.52  | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 18   | 22     | 59     | 1.181     | 0.069     | 3.52  | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 1   | 18   | 32     | 59     | 1.224     | 0.02      | 3.517 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 18   | 42     | 59     | 1.217     | 0.039     | 3.517 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 18   | 52     | 59     | 1.204     | 0.085     | 3.52  | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 19   | 2      | 59     | 1.24      | 0.059     | 3.517 | 0.016     | 0.016     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 19   | 12     | 59     | 1.194     | 0.062     | 3.517 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 19   | 22     | 59     | 1.234     | 0.066     | 3.517 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 19   | 32     | 59     | 1.198     | 0.069     | 3.517 | 0.01      | 0.007     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 19   | 42     | 59     | 1.211     | 0.03      | 3.517 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 19   | 52     | 59     | 1.214     | 0.095     | 3.517 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 20   | 2      | 59     | 1.178     | 0.102     | 3.517 | 0.013     | 0.01      | 0         | 55.5 | 54.6 | 0    | 155        | 155        | 0          | 26     | 28     |
| 2009 | 6     | 1   | 20   | 12     | 59     | 1.148     | 0.075     | 3.517 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 20   | 22     | 59     | 1.171     | 0.092     | 3.517 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 20   | 32     | 59     | 1.204     | 0.089     | 3.517 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 20   | 42     | 59     | 1.224     | 0.102     | 3.517 | 0.01      | 0.007     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 20   | 52     | 59     | 1.181     | 0.066     | 3.517 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 21   | 2      | 59     | 1.191     | 0.082     | 3.517 | 0.01      | 0.007     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 21   | 12     | 59     | 1.194     | 0.072     | 3.517 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 21   | 22     | 59     | 1.217     | 0.072     | 3.517 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 21   | 32     | 59     | 1.204     | 0.112     | 3.517 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 21   | 42     | 59     | 1.24      | 0.059     | 3.517 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 21   | 52     | 59     | 1.227     | 0.052     | 3.517 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 22   | 2      | 59     | 1.204     | 0.066     | 3.52  | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 1   | 22   | 12     | 59     | 1.243     | 0.052     | 3.52  | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 22   | 22     | 59     | 1.171     | 0.108     | 3.52  | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 156        | 0          | 26     | 28     |
| 2009 | 6     | 1   | 22   | 32     | 59     | 1.194     | 0.046     | 3.52  | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 22   | 42     | 59     | 1.22      | 0.082     | 3.52  | 0.01      | 0.007     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 22   | 52     | 59     | 1.188     | 0.085     | 3.52  | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 23   | 2      | 59     | 1.217     | 0.066     | 3.52  | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 23   | 12     | 59     | 1.165     | 0.095     | 3.52  | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 23   | 22     | 59     | 1.175     | 0.049     | 3.52  | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 23   | 32     | 59     | 1.234     | -0.003    | 3.52  | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 1   | 23   | 42     | 59     | 1.198     | 0.049     | 3.52  | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 1   | 23   | 52     | 59     | 1.181     | 0.052     | 3.52  | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 2   | 0    | 2      | 59     | 1.237     | 0.072     | 3.52  | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 0    | 12     | 59     | 1.161     | 0.075     | 3.52  | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 0    | 22     | 59     | 1.194     | 0.098     | 3.52  | 0.013     | 0.01      | 0         | 56.3 | 55.9 | 0    | 156        | 156        | 0          | 25     | 26     |
| 2009 | 6     | 2   | 0    | 32     | 59     | 1.198     | 0.066     | 3.52  | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 2   | 0    | 42     | 59     | 1.217     | 0.105     | 3.52  | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 0    | 52     | 59     | 1.217     | 0.075     | 3.52  | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 1    | 2      | 59     | 1.158     | 0.092     | 3.52  | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 1    | 12     | 59     | 1.234     | 0.118     | 3.52  | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 1    | 22     | 59     | 1.178     | 0.098     | 3.52  | 0.01      | 0.007     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 2   | 1    | 32     | 59     | 1.184     | 0.098     | 3.52  | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 1    | 42     | 59     | 1.152     | 0.072     | 3.52  | 0.01      | 0.007     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 1    | 52     | 59     | 1.224     | 0.092     | 3.52  | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 2    | 2      | 59     | 1.158     | 0.052     | 3.52  | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 2    | 12     | 59     | 1.191     | 0.079     | 3.52  | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 2    | 22     | 59     | 1.181     | 0.079     | 3.52  | 0.01      | 0.007     | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 2    | 32     | 59     | 1.184     | 0.098     | 3.52  | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 2    | 42     | 59     | 1.243     | 0.079     | 3.52  | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 2    | 52     | 59     | 1.253     | 0.079     | 3.52  | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 3    | 2      | 59     | 1.158     | 0.102     | 3.52  | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 3    | 12     | 59     | 1.194     | 0.095     | 3.52  | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 3    | 22     | 59     | 1.201     | 0.066     | 3.52  | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 3    | 32     | 59     | 1.181     | 0.102     | 3.52  | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 3    | 42     | 59     | 1.211     | 0.075     | 3.52  | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 3    | 52     | 59     | 1.184     | 0.043     | 3.524 | 0.01      | 0.007     | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 4    | 2      | 59     | 1.198     | 0.062     | 3.52  | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 4    | 12     | 59     | 1.198     | 0.092     | 3.524 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 4    | 22     | 59     | 1.211     | 0.03      | 3.52  | 0.013     | 0.01      | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 2   | 4    | 32     | 59     | 1.198     | 0.046     | 3.52  | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 4    | 42     | 59     | 1.178     | 0.089     | 3.52  | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 4    | 52     | 59     | 1.207     | 0.049     | 3.524 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 5    | 2      | 59     | 1.175     | 0.085     | 3.524 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 157        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 5    | 12     | 59     | 1.234     | 0.013     | 3.52  | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 5    | 22     | 59     | 1.22      | 0.066     | 3.524 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 5    | 32     | 59     | 1.188     | 0.046     | 3.524 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 5    | 42     | 59     | 1.214     | 0.03      | 3.524 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 156        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 2   | 5    | 52     | 59     | 1.207     | 0.066     | 3.524 | 0.013     | 0.01      | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 6    | 2      | 59     | 1.22      | 0.03      | 3.524 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 6    | 12     | 59     | 1.175     | 0.095     | 3.524 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 6    | 22     | 59     | 1.201     | 0.135     | 3.524 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 157        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 6    | 32     | 59     | 1.188     | 0.062     | 3.527 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 156        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 6    | 42     | 59     | 1.253     | 0.033     | 3.524 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 156        | 156        | 0          | 28     | 27     |
| 2009 | 6     | 2   | 6    | 52     | 59     | 1.191     | 0.062     | 3.524 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 7    | 2      | 59     | 1.204     | 0.089     | 3.527 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 7    | 12     | 59     | 1.217     | 0.023     | 3.527 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 2   | 7    | 22     | 59     | 1.191     | 0.066     | 3.527 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 7    | 32     | 59     | 1.175     | 0.049     | 3.527 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 7    | 42     | 59     | 1.181     | 0.072     | 3.527 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 7    | 52     | 59     | 1.247     | 0.066     | 3.527 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 2   | 8    | 2      | 59     | 1.217     | 0.089     | 3.527 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 8    | 12     | 59     | 1.204     | 0.059     | 3.53  | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 8    | 22     | 59     | 1.135     | 0.092     | 3.53  | 0.01      | 0.007     | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 2   | 8    | 32     | 59     | 1.204     | 0.075     | 3.53  | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 8    | 42     | 59     | 1.23      | 0.072     | 3.53  | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 8    | 52     | 59     | 1.224     | 0.052     | 3.53  | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 9    | 2      | 59     | 1.165     | 0.052     | 3.53  | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 9    | 12     | 59     | 1.23      | 0.056     | 3.533 | 0.01      | 0.007     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 9    | 22     | 59     | 1.22      | 0.036     | 3.53  | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 2   | 9    | 32     | 59     | 1.201     | 0.079     | 3.53  | 0.016     | 0.013     | 0         | 54.2 | 55   | 0    | 153        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 9    | 42     | 59     | 1.201     | 0.043     | 3.53  | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 9    | 52     | 59     | 1.224     | 0.059     | 3.53  | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 10   | 2      | 59     | 1.22      | 0.079     | 3.533 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 10   | 12     | 59     | 1.198     | 0.052     | 3.533 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 10   | 22     | 59     | 1.204     | 0.062     | 3.533 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 10   | 32     | 59     | 1.237     | 0.082     | 3.533 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 10   | 42     | 59     | 1.253     | 0.052     | 3.53  | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 10   | 52     | 59     | 1.214     | 0.049     | 3.537 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 11   | 2      | 59     | 1.201     | 0.056     | 3.53  | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 11   | 12     | 59     | 1.175     | 0.052     | 3.533 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 151        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 11   | 22     | 59     | 1.207     | 0.066     | 3.533 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 11   | 32     | 59     | 1.181     | 0.043     | 3.533 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 11   | 42     | 59     | 1.207     | 0.052     | 3.537 | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 11   | 52     | 59     | 1.22      | 0.046     | 3.537 | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 0    | 150        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 12   | 2      | 59     | 1.22      | 0.072     | 3.533 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 0    | 150        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 12   | 12     | 59     | 1.234     | 0.02      | 3.537 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 12   | 22     | 59     | 1.257     | 0.016     | 3.533 | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 0    | 150        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 12   | 32     | 59     | 1.207     | 0.092     | 3.533 | 0.016     | 0.013     | 0         | 52.9 | 53.8 | 0    | 150        | 151        | 0          | 27     | 26     |
| 2009 | 6     | 2   | 12   | 42     | 59     | 1.165     | 0.089     | 3.537 | 0.01      | 0.007     | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 12   | 52     | 59     | 1.181     | 0.095     | 3.537 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 13   | 2      | 59     | 1.188     | 0.069     | 3.537 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 13   | 12     | 59     | 1.26      | 0.023     | 3.533 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 13   | 22     | 59     | 1.161     | 0.043     | 3.537 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 13   | 32     | 59     | 1.211     | 0.066     | 3.533 | 0.013     | 0.01      | 0         | 53.8 | 53.3 | 0    | 150        | 151        | 0          | 25     | 27     |
| 2009 | 6     | 2   | 13   | 42     | 59     | 1.211     | 0.056     | 3.54  | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 0    | 150        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 13   | 52     | 59     | 1.224     | 0.01      | 3.54  | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 0    | 150        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 14   | 2      | 59     | 1.26      | 0.049     | 3.537 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 14   | 12     | 59     | 1.214     | 0.066     | 3.543 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 14   | 22     | 59     | 1.243     | 0.036     | 3.543 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 14   | 32     | 59     | 1.217     | 0.039     | 3.54  | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 14   | 42     | 59     | 1.198     | 0.059     | 3.543 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 14   | 52     | 59     | 1.191     | 0.089     | 3.537 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 0    | 152        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 2   | 15   | 2      | 59     | 1.217     | 0.046     | 3.537 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 15   | 12     | 59     | 1.214     | 0.043     | 3.537 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 15   | 22     | 59     | 1.217     | 0.046     | 3.54  | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 15   | 32     | 59     | 1.227     | 0.046     | 3.537 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 151        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 15   | 42     | 59     | 1.207     | 0.095     | 3.54  | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 15   | 52     | 59     | 1.24      | 0.003     | 3.537 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 151        | 152        | 0          | 26     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 2   | 16   | 2      | 59     | 1.23      | 0.075     | 3.543 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 16   | 12     | 59     | 1.194     | 0.007     | 3.543 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 151        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 16   | 22     | 59     | 1.224     | 0.033     | 3.54  | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 16   | 32     | 59     | 1.198     | 0.026     | 3.547 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 0    | 152        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 2   | 16   | 42     | 59     | 1.217     | 0.141     | 3.54  | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 16   | 52     | 59     | 1.184     | 0.016     | 3.543 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 17   | 2      | 59     | 1.204     | 0.039     | 3.547 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 17   | 12     | 59     | 1.217     | 0.062     | 3.54  | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 0    | 152        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 2   | 17   | 22     | 59     | 1.243     | 0.056     | 3.54  | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 17   | 32     | 59     | 1.23      | 0.121     | 3.537 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 17   | 42     | 59     | 1.198     | 0.023     | 3.54  | 0.013     | 0.01      | 0         | 54.2 | 55   | 0    | 153        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 2   | 17   | 52     | 59     | 1.152     | 0.095     | 3.55  | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 18   | 2      | 59     | 1.181     | 0.049     | 3.547 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 18   | 12     | 59     | 1.227     | 0.062     | 3.543 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 2   | 18   | 22     | 59     | 1.171     | 0.085     | 3.54  | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 18   | 32     | 59     | 1.171     | 0.108     | 3.543 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 18   | 42     | 59     | 1.178     | 0.108     | 3.547 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 18   | 52     | 59     | 1.217     | 0.135     | 3.54  | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 19   | 2      | 59     | 1.227     | 0.105     | 3.547 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 19   | 12     | 59     | 1.191     | 0.069     | 3.543 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 19   | 22     | 59     | 1.243     | 0.046     | 3.543 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 19   | 32     | 59     | 1.23      | 0.039     | 3.55  | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 19   | 42     | 59     | 1.217     | 0.112     | 3.55  | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 19   | 52     | 59     | 1.247     | 0.01      | 3.547 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 2   | 20   | 2      | 59     | 1.263     | 0.098     | 3.55  | 0.016     | 0.016     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 20   | 12     | 59     | 1.22      | 0.043     | 3.547 | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 20   | 22     | 59     | 1.171     | 0.052     | 3.55  | 0.01      | 0.007     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 20   | 32     | 59     | 1.247     | 0.082     | 3.55  | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 20   | 42     | 59     | 1.165     | 0.092     | 3.55  | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 20   | 52     | 59     | 1.184     | 0.115     | 3.553 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 21   | 2      | 59     | 1.263     | 0.105     | 3.553 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 2   | 21   | 12     | 59     | 1.198     | 0.079     | 3.553 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 2   | 21   | 22     | 59     | 1.23      | 0.075     | 3.553 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 21   | 32     | 59     | 1.211     | 0.066     | 3.553 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 21   | 42     | 59     | 1.234     | 0.026     | 3.553 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 21   | 52     | 59     | 1.204     | 0.03      | 3.553 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 22   | 2      | 59     | 1.253     | 0.01      | 3.553 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 22   | 12     | 59     | 1.247     | 0.036     | 3.556 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 22   | 22     | 59     | 1.247     | 0.066     | 3.556 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 22   | 32     | 59     | 1.188     | 0.075     | 3.556 | 0.016     | 0.016     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 22   | 42     | 59     | 1.23      | 0.023     | 3.556 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 22   | 52     | 59     | 1.224     | 0         | 3.556 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 23   | 2      | 59     | 1.243     | 0.066     | 3.556 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 23   | 12     | 59     | 1.201     | 0.098     | 3.556 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 23   | 22     | 59     | 1.243     | 0.023     | 3.556 | 0.01      | 0.007     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 2   | 23   | 32     | 59     | 1.257     | 0.062     | 3.556 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 2   | 23   | 42     | 59     | 1.247     | 0.066     | 3.556 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 2   | 23   | 52     | 59     | 1.214     | 0.105     | 3.556 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 3   | 0    | 2      | 59     | 1.273     | 0.046     | 3.556 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 3   | 0    | 12     | 59     | 1.227     | 0.066     | 3.556 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 3   | 0    | 22     | 59     | 1.204     | 0.052     | 3.556 | 0.01      | 0.007     | 0         | 54.2 | 55.5 | 0    | 153        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 3   | 0    | 32     | 59     | 1.27      | 0.049     | 3.556 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 0    | 42     | 59     | 1.224     | 0.092     | 3.56  | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 3   | 0    | 52     | 59     | 1.211     | 0.079     | 3.56  | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 1    | 2      | 59     | 1.194     | 0.082     | 3.56  | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 1    | 12     | 59     | 1.217     | 0         | 3.56  | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 3   | 1    | 22     | 59     | 1.23      | 0.079     | 3.56  | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 1    | 32     | 59     | 1.201     | 0.085     | 3.56  | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 1    | 42     | 59     | 1.243     | 0         | 3.56  | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 1    | 52     | 59     | 1.23      | 0.082     | 3.56  | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 155        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 2    | 2      | 59     | 1.234     | 0.069     | 3.563 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 3   | 2    | 12     | 59     | 1.243     | 0.023     | 3.563 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 2    | 22     | 59     | 1.237     | 0.105     | 3.563 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 2    | 32     | 59     | 1.234     | 0.043     | 3.563 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 2    | 42     | 59     | 1.26      | 0.026     | 3.563 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 3   | 2    | 52     | 59     | 1.201     | 0.075     | 3.563 | 0.01      | 0.007     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 3    | 2      | 59     | 1.201     | 0.075     | 3.566 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 3    | 12     | 59     | 1.191     | 0.125     | 3.566 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 3    | 22     | 59     | 1.24      | 0.089     | 3.566 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 3    | 32     | 59     | 1.243     | 0.079     | 3.566 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 3    | 42     | 59     | 1.23      | 0.039     | 3.57  | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 3   | 3    | 52     | 59     | 1.247     | 0.062     | 3.57  | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 4    | 2      | 59     | 1.22      | 0.03      | 3.57  | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 4    | 12     | 59     | 1.217     | 0.089     | 3.566 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 4    | 22     | 59     | 1.198     | 0.079     | 3.57  | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 4    | 32     | 59     | 1.204     | 0.043     | 3.573 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 3   | 4    | 42     | 59     | 1.224     | 0.072     | 3.573 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 4    | 52     | 59     | 1.234     | 0.062     | 3.576 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 5    | 2      | 59     | 1.243     | 0.02      | 3.576 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 5    | 12     | 59     | 1.25      | 0.052     | 3.576 | 0.013     | 0.01      | 0         | 54.2 | 55   | 0    | 153        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 3   | 5    | 22     | 59     | 1.217     | 0.062     | 3.576 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 5    | 32     | 59     | 1.227     | 0.062     | 3.579 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 5    | 42     | 59     | 1.26      | 0.036     | 3.583 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 5    | 52     | 59     | 1.224     | 0.056     | 3.583 | 0.01      | 0.007     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 3   | 6    | 2      | 59     | 1.26      | 0.082     | 3.583 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 6    | 12     | 59     | 1.211     | 0.043     | 3.583 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 6    | 22     | 59     | 1.234     | 0.066     | 3.583 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 6    | 32     | 59     | 1.24      | 0.056     | 3.586 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 6    | 42     | 59     | 1.234     | 0.052     | 3.586 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 6    | 52     | 59     | 1.26      | -0.003    | 3.586 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 7    | 2      | 59     | 1.217     | 0.039     | 3.586 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 7    | 12     | 59     | 1.224     | 0.036     | 3.586 | 0.01      | 0.007     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 7    | 22     | 59     | 1.224     | -0.003    | 3.586 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 7    | 32     | 59     | 1.283     | 0.049     | 3.586 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 7    | 42     | 59     | 1.227     | 0.066     | 3.586 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 7    | 52     | 59     | 1.227     | 0.036     | 3.589 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 3   | 8    | 2      | 59     | 1.24      | 0.01      | 3.589 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 8    | 12     | 59     | 1.25      | 0.036     | 3.589 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 8    | 22     | 59     | 1.24      | 0.049     | 3.589 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 8    | 32     | 59     | 1.214     | 0.075     | 3.589 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 8    | 42     | 59     | 1.263     | 0.039     | 3.589 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 8    | 52     | 59     | 1.227     | 0.039     | 3.589 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 9    | 2      | 59     | 1.181     | 0.02      | 3.589 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 9    | 12     | 59     | 1.257     | 0.049     | 3.593 | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 153        | 153        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 9    | 22     | 59     | 1.243     | 0.075     | 3.593 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 9    | 32     | 59     | 1.25      | 0.089     | 3.593 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 9    | 42     | 59     | 1.25      | 0.066     | 3.593 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 9    | 52     | 59     | 1.227     | 0.098     | 3.593 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 3   | 10   | 2      | 59     | 1.234     | 0.052     | 3.593 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 10   | 12     | 59     | 1.24      | 0.023     | 3.593 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 10   | 22     | 59     | 1.257     | 0.043     | 3.593 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 10   | 32     | 59     | 1.24      | 0.066     | 3.593 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 10   | 42     | 59     | 1.243     | 0.066     | 3.593 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 10   | 52     | 59     | 1.23      | 0.049     | 3.593 | 0.02      | 0.016     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 11   | 2      | 59     | 1.227     | 0.023     | 3.593 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 11   | 12     | 59     | 1.293     | 0.016     | 3.596 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 11   | 22     | 59     | 1.273     | 0.043     | 3.596 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 11   | 32     | 59     | 1.276     | 0.03      | 3.593 | 0.013     | 0.01      | 0         | 53.8 | 53.3 | 0    | 152        | 152        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 11   | 42     | 59     | 1.24      | 0.043     | 3.596 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 11   | 52     | 59     | 1.273     | 0.052     | 3.596 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 12   | 2      | 59     | 1.26      | 0.003     | 3.596 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 12   | 12     | 59     | 1.286     | -0.01     | 3.596 | 0.02      | 0.016     | 0         | 53.3 | 54.2 | 0    | 151        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 3   | 12   | 22     | 59     | 1.28      | 0.036     | 3.596 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 12   | 32     | 59     | 1.253     | 0.043     | 3.596 | 0.016     | 0.016     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 12   | 42     | 59     | 1.234     | 0.052     | 3.596 | 0.01      | 0.007     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 12   | 52     | 59     | 1.247     | 0.033     | 3.596 | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 13   | 2      | 59     | 1.276     | 0.046     | 3.599 | 0.016     | 0.013     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 13   | 12     | 59     | 1.237     | 0.069     | 3.596 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 13   | 22     | 59     | 1.27      | 0.01      | 3.599 | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 13   | 32     | 59     | 1.24      | 0.036     | 3.599 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 13   | 42     | 59     | 1.283     | 0.049     | 3.602 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 13   | 52     | 59     | 1.273     | 0.007     | 3.602 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 14   | 2      | 59     | 1.217     | 0.075     | 3.609 | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 14   | 12     | 59     | 1.211     | 0.075     | 3.609 | 0.01      | 0.007     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 14   | 22     | 59     | 1.27      | -0.003    | 3.602 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 14   | 32     | 59     | 1.276     | 0         | 3.602 | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 14   | 42     | 59     | 1.263     | 0.026     | 3.609 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 14   | 52     | 59     | 1.243     | 0.056     | 3.612 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 15   | 2      | 59     | 1.273     | 0.079     | 3.612 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 15   | 12     | 59     | 1.237     | 0.026     | 3.612 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 3   | 15   | 22     | 59     | 1.237     | 0.075     | 3.612 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 15   | 32     | 59     | 1.302     | 0.01      | 3.609 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 15   | 42     | 59     | 1.237     | 0.066     | 3.609 | 0.016     | 0.013     | 0         | 54.2 | 55   | 0    | 153        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 3   | 15   | 52     | 59     | 1.283     | 0.043     | 3.612 | 0.016     | 0.016     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 3   | 16   | 2      | 59     | 1.263     | 0.007     | 3.612 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 16   | 12     | 59     | 1.25      | 0.085     | 3.612 | 0.013     | 0.01      | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 3   | 16   | 22     | 59     | 1.257     | 0         | 3.619 | 0.016     | 0.013     | 0         | 55   | 55.9 | 0    | 155        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 16   | 32     | 59     | 1.25      | 0.059     | 3.619 | 0.016     | 0.013     | 0         | 56.8 | 57.2 | 0    | 159        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 16   | 42     | 59     | 1.25      | 0.023     | 3.619 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 157        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 16   | 52     | 59     | 1.26      | 0.069     | 3.622 | 0.016     | 0.013     | 0         | 56.8 | 56.8 | 0    | 158        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 17   | 2      | 59     | 1.243     | 0.02      | 3.622 | 0.01      | 0.007     | 0         | 57.6 | 58   | 0    | 161        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 17   | 12     | 59     | 1.23      | 0.075     | 3.625 | 0.013     | 0.01      | 0         | 57.2 | 58   | 0    | 160        | 162        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 17   | 22     | 59     | 1.247     | 0.082     | 3.625 | 0.013     | 0.01      | 0         | 56.3 | 57.2 | 0    | 158        | 160        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 17   | 32     | 59     | 1.207     | 0.085     | 3.625 | 0.01      | 0.007     | 0         | 56.3 | 56.8 | 0    | 158        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 17   | 42     | 59     | 1.26      | 0.075     | 3.625 | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 0    | 158        | 159        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 17   | 52     | 59     | 1.27      | 0.072     | 3.625 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 157        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 18   | 2      | 59     | 1.276     | 0.049     | 3.625 | 0.01      | 0.007     | 0         | 55.9 | 56.3 | 0    | 157        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 18   | 12     | 59     | 1.276     | 0.069     | 3.625 | 0.01      | 0.007     | 0         | 55.9 | 56.8 | 0    | 157        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 18   | 22     | 59     | 1.253     | 0.072     | 3.625 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 157        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 18   | 32     | 59     | 1.257     | 0.02      | 3.625 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 0    | 156        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 18   | 42     | 59     | 1.312     | 0.052     | 3.629 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 18   | 52     | 59     | 1.28      | 0.085     | 3.629 | 0.01      | 0.007     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 19   | 2      | 59     | 1.253     | 0.075     | 3.629 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 156        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 19   | 12     | 59     | 1.273     | 0.072     | 3.629 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 19   | 22     | 59     | 1.266     | 0.075     | 3.629 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 19   | 32     | 59     | 1.25      | 0.059     | 3.629 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 156        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 19   | 42     | 59     | 1.283     | 0.066     | 3.629 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 19   | 52     | 59     | 1.273     | 0.013     | 3.629 | 0.01      | 0.007     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 20   | 2      | 59     | 1.22      | 0.072     | 3.629 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 20   | 12     | 59     | 1.243     | 0.043     | 3.629 | 0.01      | 0.007     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 20   | 22     | 59     | 1.266     | 0.079     | 3.629 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 20   | 32     | 59     | 1.253     | 0.062     | 3.632 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 20   | 42     | 59     | 1.283     | 0.01      | 3.632 | 0.01      | 0.007     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 20   | 52     | 59     | 1.224     | 0.075     | 3.632 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 21   | 2      | 59     | 1.237     | 0.062     | 3.632 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 21   | 12     | 59     | 1.234     | 0.059     | 3.632 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 0    | 154        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 21   | 22     | 59     | 1.253     | 0.056     | 3.635 | 0.01      | 0.007     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 21   | 32     | 59     | 1.266     | 0.036     | 3.635 | 0.01      | 0.007     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 21   | 42     | 59     | 1.27      | 0.036     | 3.635 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 21   | 52     | 59     | 1.234     | 0.075     | 3.638 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 22   | 2      | 59     | 1.28      | 0         | 3.638 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 155        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 22   | 12     | 59     | 1.266     | 0.023     | 3.638 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 22   | 22     | 59     | 1.257     | 0.039     | 3.638 | 0.01      | 0.007     | 0         | 55   | 54.6 | 0    | 154        | 155        | 0          | 26     | 28     |
| 2009 | 6     | 3   | 22   | 32     | 59     | 1.28      | 0.062     | 3.642 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 22   | 42     | 59     | 1.316     | 0.036     | 3.645 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 22   | 52     | 59     | 1.293     | 0.056     | 3.645 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 23   | 2      | 59     | 1.224     | 0.049     | 3.645 | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 23   | 12     | 59     | 1.289     | 0.023     | 3.645 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 3   | 23   | 22     | 59     | 1.247     | 0.102     | 3.648 | 0.01      | 0.007     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 23   | 32     | 59     | 1.276     | 0         | 3.648 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 3   | 23   | 42     | 59     | 1.276     | 0.003     | 3.648 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 155        | 0          | 27     | 28     |
| 2009 | 6     | 3   | 23   | 52     | 59     | 1.257     | 0.056     | 3.648 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 4   | 0    | 2      | 59     | 1.247     | 0.098     | 3.652 | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 4   | 0    | 12     | 59     | 1.25      | 0.056     | 3.652 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 154        | 154        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 0    | 22     | 59     | 1.217     | 0.092     | 3.652 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 154        | 154        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 0    | 32     | 59     | 1.28      | 0.043     | 3.652 | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 0    | 42     | 59     | 1.276     | 0.036     | 3.652 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 0    | 52     | 59     | 1.28      | 0.036     | 3.652 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 4   | 1    | 2      | 59     | 1.25      | 0.082     | 3.655 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 1    | 12     | 59     | 1.283     | 0.072     | 3.655 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 1    | 22     | 59     | 1.302     | 0.03      | 3.655 | 0.01      | 0.007     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 4   | 1    | 32     | 59     | 1.293     | 0.023     | 3.655 | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 4   | 1    | 42     | 59     | 1.273     | 0.069     | 3.655 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 1    | 52     | 59     | 1.309     | 0.023     | 3.655 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 2    | 2      | 59     | 1.27      | 0.03      | 3.655 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 2    | 12     | 59     | 1.26      | 0.039     | 3.655 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 154        | 154        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 2    | 22     | 59     | 1.27      | 0.049     | 3.655 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 2    | 32     | 59     | 1.312     | 0.013     | 3.655 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 2    | 42     | 59     | 1.273     | 0.01      | 3.658 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 2    | 52     | 59     | 1.243     | 0.089     | 3.655 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 3    | 2      | 59     | 1.289     | 0.016     | 3.655 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 3    | 12     | 59     | 1.28      | 0.069     | 3.658 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 3    | 22     | 59     | 1.296     | 0.062     | 3.658 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 3    | 32     | 59     | 1.302     | 0.066     | 3.658 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 3    | 42     | 59     | 1.345     | -0.007    | 3.658 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 3    | 52     | 59     | 1.299     | 0.043     | 3.658 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 154        | 0          | 26     | 28     |
| 2009 | 6     | 4   | 4    | 2      | 59     | 1.26      | 0.062     | 3.661 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 0    | 153        | 154        | 0          | 28     | 27     |
| 2009 | 6     | 4   | 4    | 12     | 59     | 1.289     | 0.007     | 3.661 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 4    | 22     | 59     | 1.25      | 0.03      | 3.665 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 4    | 32     | 59     | 1.302     | 0.036     | 3.665 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 4    | 42     | 59     | 1.28      | 0.075     | 3.665 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 4    | 52     | 59     | 1.276     | 0.052     | 3.665 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 154        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 5    | 2      | 59     | 1.286     | 0.049     | 3.665 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 4   | 5    | 12     | 59     | 1.28      | 0.066     | 3.668 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 5    | 22     | 59     | 1.322     | 0.023     | 3.671 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 5    | 32     | 59     | 1.283     | 0.026     | 3.671 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 5    | 42     | 59     | 1.273     | 0.043     | 3.671 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 5    | 52     | 59     | 1.283     | 0.036     | 3.675 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 6    | 2      | 59     | 1.273     | 0.049     | 3.678 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 6    | 12     | 59     | 1.312     | -0.007    | 3.678 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 6    | 22     | 59     | 1.263     | 0.02      | 3.678 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 154        | 155        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 6    | 32     | 59     | 1.283     | 0.016     | 3.678 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 154        | 154        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 6    | 42     | 59     | 1.296     | 0.039     | 3.681 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 153        | 154        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 6    | 52     | 59     | 1.26      | 0.023     | 3.681 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 154        | 154        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 7    | 2      | 59     | 1.283     | 0.023     | 3.681 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 154        | 154        | 0          | 28     | 27     |
| 2009 | 6     | 4   | 7    | 12     | 59     | 1.293     | 0.069     | 3.684 | 0.01      | 0.007     | 0         | 54.6 | 54.2 | 0    | 154        | 154        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 7    | 22     | 59     | 1.28      | -0.003    | 3.681 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 154        | 154        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 7    | 32     | 59     | 1.293     | 0.016     | 3.681 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 153        | 154        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 7    | 42     | 59     | 1.319     | 0.043     | 3.684 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 7    | 52     | 59     | 1.319     | 0.036     | 3.684 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 4   | 8    | 2      | 59     | 1.316     | 0.049     | 3.684 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 8    | 12     | 59     | 1.299     | 0.03      | 3.688 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 153        | 154        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 8    | 22     | 59     | 1.325     | -0.003    | 3.684 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 153        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 8    | 32     | 59     | 1.309     | 0.03      | 3.684 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 8    | 42     | 59     | 1.299     | 0.02      | 3.688 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 8    | 52     | 59     | 1.296     | 0.039     | 3.688 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 9    | 2      | 59     | 1.309     | 0.01      | 3.688 | 0.01      | 0.007     | 0         | 54.2 | 53.8 | 0    | 152        | 153        | 0          | 26     | 28     |
| 2009 | 6     | 4   | 9    | 12     | 59     | 1.27      | 0.085     | 3.688 | 0.013     | 0.01      | 0         | 53.8 | 53.3 | 0    | 152        | 152        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 9    | 22     | 59     | 1.293     | 0.033     | 3.691 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 9    | 32     | 59     | 1.299     | 0.036     | 3.691 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 152        | 152        | 0          | 28     | 28     |
| 2009 | 6     | 4   | 9    | 42     | 59     | 1.309     | -0.01     | 3.691 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 151        | 152        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 9    | 52     | 59     | 1.276     | 0.02      | 3.694 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 10   | 2      | 59     | 1.299     | 0.062     | 3.694 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 10   | 12     | 59     | 1.319     | 0.023     | 3.694 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 10   | 22     | 59     | 1.316     | 0.039     | 3.694 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 10   | 32     | 59     | 1.309     | 0.01      | 3.694 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 10   | 42     | 59     | 1.316     | 0.059     | 3.698 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 10   | 52     | 59     | 1.289     | 0.059     | 3.698 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 151        | 152        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 11   | 2      | 59     | 1.348     | 0.023     | 3.698 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 11   | 12     | 59     | 1.329     | 0.003     | 3.698 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 11   | 22     | 59     | 1.306     | 0.007     | 3.701 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 4   | 11   | 32     | 59     | 1.299     | 0.043     | 3.701 | 0.01      | 0.007     | 0         | 53.3 | 52.9 | 0    | 150        | 151        | 0          | 26     | 28     |
| 2009 | 6     | 4   | 11   | 42     | 59     | 1.296     | 0.059     | 3.704 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 11   | 52     | 59     | 1.306     | 0         | 3.704 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 12   | 2      | 59     | 1.283     | 0.02      | 3.704 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 12   | 12     | 59     | 1.309     | 0.066     | 3.707 | 0.016     | 0.013     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 12   | 22     | 59     | 1.322     | 0.023     | 3.707 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 12   | 32     | 59     | 1.345     | 0.03      | 3.707 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 12   | 42     | 59     | 1.325     | 0.062     | 3.707 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 12   | 52     | 59     | 1.309     | 0.003     | 3.707 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 13   | 2      | 59     | 1.319     | -0.026    | 3.714 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 13   | 12     | 59     | 1.306     | 0.016     | 3.711 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 150        | 151        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 13   | 22     | 59     | 1.312     | 0.052     | 3.714 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 13   | 32     | 59     | 1.332     | 0.039     | 3.714 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 13   | 42     | 59     | 1.309     | 0.023     | 3.72  | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 13   | 52     | 59     | 1.325     | -0.003    | 3.717 | 0.016     | 0.013     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 14   | 2      | 59     | 1.322     | 0.043     | 3.72  | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 14   | 12     | 59     | 1.335     | 0.036     | 3.72  | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 14   | 22     | 59     | 1.286     | 0.052     | 3.724 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 14   | 32     | 59     | 1.322     | 0.043     | 3.727 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 14   | 42     | 59     | 1.299     | -0.023    | 3.724 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 14   | 52     | 59     | 1.312     | 0.036     | 3.73  | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 15   | 2      | 59     | 1.283     | 0.052     | 3.73  | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 15   | 12     | 59     | 1.312     | 0.072     | 3.73  | 0.01      | 0.007     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 4   | 15   | 22     | 59     | 1.325     | 0.049     | 3.73  | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 15   | 32     | 59     | 1.322     | 0.01      | 3.734 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 15   | 42     | 59     | 1.322     | 0.082     | 3.73  | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 15   | 52     | 59     | 1.345     | 0.026     | 3.734 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 4   | 16   | 2      | 59     | 1.293     | 0.026     | 3.734 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 16   | 12     | 59     | 1.286     | 0.049     | 3.734 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 16   | 22     | 59     | 1.309     | 0.085     | 3.737 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 16   | 32     | 59     | 1.283     | 0.049     | 3.74  | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 16   | 42     | 59     | 1.339     | 0.013     | 3.74  | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 16   | 52     | 59     | 1.263     | 0.066     | 3.743 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 17   | 2      | 59     | 1.289     | 0.056     | 3.74  | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 17   | 12     | 59     | 1.325     | 0.02      | 3.743 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 17   | 22     | 59     | 1.319     | 0.023     | 3.743 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 4   | 17   | 32     | 59     | 1.316     | 0.039     | 3.747 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 4   | 17   | 42     | 59     | 1.332     | 0.046     | 3.747 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 4   | 17   | 52     | 59     | 1.296     | 0.03      | 3.747 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 0    | 152        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 4   | 18   | 2      | 59     | 1.332     | 0.072     | 3.75  | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 18   | 12     | 59     | 1.332     | 0.052     | 3.75  | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 18   | 22     | 59     | 1.358     | 0.108     | 3.753 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 4   | 18   | 32     | 59     | 1.322     | 0.043     | 3.757 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 153        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 18   | 42     | 59     | 1.339     | 0.052     | 3.753 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 0    | 152        | 153        | 0          | 28     | 27     |
| 2009 | 6     | 4   | 18   | 52     | 59     | 1.332     | 0.092     | 3.757 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 19   | 2      | 59     | 1.289     | 0.085     | 3.757 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 19   | 12     | 59     | 1.322     | 0.069     | 3.76  | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 19   | 22     | 59     | 1.286     | 0.052     | 3.763 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 19   | 32     | 59     | 1.325     | 0.046     | 3.766 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 4   | 19   | 42     | 59     | 1.319     | 0.062     | 3.763 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 19   | 52     | 59     | 1.345     | 0.01      | 3.766 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 20   | 2      | 59     | 1.365     | 0.01      | 3.766 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 20   | 12     | 59     | 1.342     | 0.016     | 3.77  | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 20   | 22     | 59     | 1.335     | 0.01      | 3.77  | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 153        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 20   | 32     | 59     | 1.339     | 0.016     | 3.77  | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 4   | 20   | 42     | 59     | 1.316     | 0.049     | 3.773 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 20   | 52     | 59     | 1.348     | 0.079     | 3.773 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 4   | 21   | 2      | 59     | 1.312     | 0.082     | 3.773 | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 153        | 153        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 21   | 12     | 59     | 1.316     | 0.052     | 3.773 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 4   | 21   | 22     | 59     | 1.352     | 0.046     | 3.773 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 4   | 21   | 32     | 59     | 1.352     | 0.026     | 3.776 | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 153        | 153        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 21   | 42     | 59     | 1.335     | -0.01     | 3.776 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 21   | 52     | 59     | 1.358     | 0.043     | 3.78  | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 22   | 2      | 59     | 1.345     | 0.049     | 3.78  | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 22   | 12     | 59     | 1.306     | 0.075     | 3.78  | 0.016     | 0.016     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 22   | 22     | 59     | 1.388     | 0.056     | 3.78  | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 22   | 32     | 59     | 1.345     | 0.02      | 3.783 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 22   | 42     | 59     | 1.365     | 0.01      | 3.783 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 0    | 152        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 4   | 22   | 52     | 59     | 1.332     | 0.049     | 3.786 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 23   | 2      | 59     | 1.345     | 0.046     | 3.789 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 153        | 0          | 27     | 28     |
| 2009 | 6     | 4   | 23   | 12     | 59     | 1.375     | -0.013    | 3.789 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 23   | 22     | 59     | 1.316     | 0.023     | 3.793 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 23   | 32     | 59     | 1.375     | 0.016     | 3.796 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 23   | 42     | 59     | 1.381     | -0.003    | 3.796 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 4   | 23   | 52     | 59     | 1.385     | 0.062     | 3.799 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 5   | 0    | 2      | 59     | 1.375     | 0.026     | 3.799 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 0    | 12     | 59     | 1.352     | 0.02      | 3.802 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 5   | 0    | 22     | 59     | 1.362     | 0.01      | 3.802 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 0    | 32     | 59     | 1.332     | 0.069     | 3.806 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 0    | 42     | 59     | 1.371     | 0.059     | 3.806 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 0    | 52     | 59     | 1.368     | 0.049     | 3.809 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 1    | 2      | 59     | 1.365     | -0.01     | 3.809 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 153        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 1    | 12     | 59     | 1.362     | 0.01      | 3.809 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 1    | 22     | 59     | 1.355     | 0.01      | 3.812 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 1    | 32     | 59     | 1.378     | 0         | 3.812 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 1    | 42     | 59     | 1.348     | 0.059     | 3.812 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 1    | 52     | 59     | 1.371     | 0.013     | 3.816 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 5   | 2    | 2      | 59     | 1.368     | 0.026     | 3.816 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 2    | 12     | 59     | 1.362     | 0.056     | 3.816 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 5   | 2    | 22     | 59     | 1.385     | 0.033     | 3.819 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 2    | 32     | 59     | 1.319     | 0         | 3.822 | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 152        | 153        | 0          | 26     | 28     |
| 2009 | 6     | 5   | 2    | 42     | 59     | 1.371     | 0.043     | 3.822 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 2    | 52     | 59     | 1.322     | 0.03      | 3.825 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 3    | 2      | 59     | 1.375     | 0.01      | 3.829 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 3    | 12     | 59     | 1.394     | 0         | 3.825 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 5   | 3    | 22     | 59     | 1.398     | 0.01      | 3.829 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 152        | 153        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 3    | 32     | 59     | 1.385     | 0.023     | 3.835 | 0.016     | 0.016     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 3    | 42     | 59     | 1.381     | 0.01      | 3.835 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 151        | 152        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 3    | 52     | 59     | 1.407     | 0.023     | 3.839 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 152        | 152        | 0          | 28     | 27     |
| 2009 | 6     | 5   | 4    | 2      | 59     | 1.407     | 0         | 3.839 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 152        | 152        | 0          | 28     | 27     |
| 2009 | 6     | 5   | 4    | 12     | 59     | 1.368     | 0.036     | 3.839 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 4    | 22     | 59     | 1.385     | 0.01      | 3.842 | 0.01      | 0.007     | 0         | 53.8 | 53.3 | 0    | 152        | 152        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 4    | 32     | 59     | 1.312     | 0.072     | 3.842 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 153        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 4    | 42     | 59     | 1.368     | 0.049     | 3.842 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 4    | 52     | 59     | 1.394     | 0         | 3.842 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 0    | 151        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 5   | 5    | 2      | 59     | 1.407     | 0.023     | 3.845 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 152        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 5   | 5    | 12     | 59     | 1.345     | 0.072     | 3.845 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 5    | 22     | 59     | 1.362     | 0.115     | 3.845 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 5    | 32     | 59     | 1.381     | 0.013     | 3.848 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 153        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 5    | 42     | 59     | 1.342     | 0.082     | 3.848 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 5    | 52     | 59     | 1.394     | 0.033     | 3.848 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 6    | 2      | 59     | 1.398     | 0.062     | 3.848 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 6    | 12     | 59     | 1.394     | 0.056     | 3.848 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 153        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 6    | 22     | 59     | 1.345     | 0.033     | 3.855 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 6    | 32     | 59     | 1.394     | 0.039     | 3.855 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 6    | 42     | 59     | 1.391     | 0         | 3.855 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 153        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 6    | 52     | 59     | 1.401     | 0.046     | 3.858 | 0.013     | 0.01      | 0         | 53.8 | 53.3 | 0    | 152        | 152        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 7    | 2      | 59     | 1.424     | 0.026     | 3.862 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 7    | 12     | 59     | 1.381     | 0.043     | 3.862 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 7    | 22     | 59     | 1.378     | 0.033     | 3.865 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 152        | 153        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 7    | 32     | 59     | 1.365     | 0.069     | 3.871 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 7    | 42     | 59     | 1.378     | 0.059     | 3.871 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 7    | 52     | 59     | 1.385     | 0.039     | 3.871 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 5   | 8    | 2      | 59     | 1.391     | 0.033     | 3.871 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 151        | 152        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 8    | 12     | 59     | 1.385     | 0.023     | 3.875 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 151        | 152        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 8    | 22     | 59     | 1.391     | 0.03      | 3.875 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 8    | 32     | 59     | 1.378     | 0.039     | 3.875 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 151        | 152        | 0          | 28     | 28     |
| 2009 | 6     | 5   | 8    | 42     | 59     | 1.411     | 0.039     | 3.878 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 8    | 52     | 59     | 1.391     | -0.023    | 3.878 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 5   | 9    | 2      | 59     | 1.401     | 0         | 3.881 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 9    | 12     | 59     | 1.368     | 0.039     | 3.878 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 5   | 9    | 22     | 59     | 1.407     | 0.02      | 3.881 | 0.016     | 0.013     | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 9    | 32     | 59     | 1.407     | 0.016     | 3.881 | 0.01      | 0.007     | 0         | 53.3 | 52.9 | 0    | 151        | 151        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 9    | 42     | 59     | 1.417     | 0.033     | 3.885 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 9    | 52     | 59     | 1.434     | 0.01      | 3.885 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 10   | 2      | 59     | 1.417     | 0.013     | 3.888 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 10   | 12     | 59     | 1.43      | 0.036     | 3.888 | 0.013     | 0.01      | 0         | 52.9 | 52.5 | 0    | 150        | 150        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 10   | 22     | 59     | 1.404     | 0.033     | 3.888 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 150        | 151        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 10   | 32     | 59     | 1.421     | 0.007     | 3.888 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 10   | 42     | 59     | 1.398     | 0.033     | 3.888 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 10   | 52     | 59     | 1.398     | 0.062     | 3.891 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 11   | 2      | 59     | 1.417     | 0.049     | 3.891 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 11   | 12     | 59     | 1.391     | 0.039     | 3.891 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 11   | 22     | 59     | 1.391     | 0.066     | 3.894 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 11   | 32     | 59     | 1.424     | 0.039     | 3.894 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 5   | 11   | 42     | 59     | 1.414     | 0.052     | 3.898 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 11   | 52     | 59     | 1.421     | 0.036     | 3.898 | 0.013     | 0.01      | 0         | 52.9 | 52.5 | 0    | 150        | 150        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 12   | 2      | 59     | 1.394     | 0.03      | 3.898 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 12   | 12     | 59     | 1.437     | 0.007     | 3.898 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 12   | 22     | 59     | 1.407     | 0.046     | 3.901 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 0    | 149        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 5   | 12   | 32     | 59     | 1.414     | 0.033     | 3.901 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 12   | 42     | 59     | 1.411     | 0.033     | 3.901 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 12   | 52     | 59     | 1.407     | 0.069     | 3.904 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 13   | 2      | 59     | 1.398     | 0.007     | 3.904 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 13   | 12     | 59     | 1.365     | 0.062     | 3.911 | 0.01      | 0.007     | 0         | 52.9 | 52.5 | 0    | 150        | 150        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 13   | 22     | 59     | 1.378     | 0.056     | 3.911 | 0.01      | 0.007     | 0         | 52.9 | 52.5 | 0    | 149        | 150        | 0          | 26     | 28     |
| 2009 | 6     | 5   | 13   | 32     | 59     | 1.352     | 0.049     | 3.914 | 0.016     | 0.013     | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 13   | 42     | 59     | 1.417     | 0.016     | 3.914 | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 0    | 149        | 150        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 13   | 52     | 59     | 1.47      | 0         | 3.914 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 14   | 2      | 59     | 1.401     | 0.095     | 3.917 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 14   | 12     | 59     | 1.43      | 0.013     | 3.917 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 0    | 149        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 5   | 14   | 22     | 59     | 1.444     | 0.052     | 3.921 | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 0    | 149        | 150        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 14   | 32     | 59     | 1.375     | 0.013     | 3.921 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 14   | 42     | 59     | 1.417     | 0.079     | 3.924 | 0.016     | 0.013     | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 5   | 14   | 52     | 59     | 1.427     | 0.023     | 3.924 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 150        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 5   | 15   | 2      | 59     | 1.417     | 0.052     | 3.927 | 0.013     | 0.01      | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 5   | 15   | 12     | 59     | 1.47      | 0.01      | 3.924 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 15   | 22     | 59     | 1.358     | 0.046     | 3.93  | 0.013     | 0.01      | 0         | 53.3 | 52.9 | 0    | 151        | 151        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 15   | 32     | 59     | 1.46      | 0.026     | 3.93  | 0.013     | 0.01      | 0         | 53.3 | 52.9 | 0    | 150        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 5   | 15   | 42     | 59     | 1.43      | -0.003    | 3.93  | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 15   | 52     | 59     | 1.421     | 0.066     | 3.93  | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 5   | 16   | 2      | 59     | 1.427     | 0.072     | 3.934 | 0.016     | 0.013     | 0         | 53.3 | 53.3 | 0    | 151        | 152        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 16   | 12     | 59     | 1.398     | 0.046     | 3.934 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 16   | 22     | 59     | 1.427     | 0.03      | 3.937 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 16   | 32     | 59     | 1.453     | 0.082     | 3.934 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 16   | 42     | 59     | 1.43      | 0.03      | 3.937 | 0.01      | 0.007     | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 5   | 16   | 52     | 59     | 1.427     | 0.059     | 3.937 | 0.01      | 0.007     | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 5   | 17   | 2      | 59     | 1.391     | 0.013     | 3.937 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 151        | 0          | 27     | 26     |
| 2009 | 6     | 5   | 17   | 12     | 59     | 1.434     | 0.016     | 3.937 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 17   | 22     | 59     | 1.43      | 0.016     | 3.937 | 0.01      | 0.007     | 0         | 53.8 | 52.9 | 0    | 151        | 151        | 0          | 26     | 28     |
| 2009 | 6     | 5   | 17   | 32     | 59     | 1.411     | 0.046     | 3.94  | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 17   | 42     | 59     | 1.421     | 0.069     | 3.94  | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 5   | 17   | 52     | 59     | 1.421     | 0.066     | 3.94  | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 18   | 2      | 59     | 1.43      | 0.02      | 3.94  | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 18   | 12     | 59     | 1.46      | 0.016     | 3.944 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 18   | 22     | 59     | 1.45      | 0.062     | 3.944 | 0.01      | 0.007     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 5   | 18   | 32     | 59     | 1.45      | 0.043     | 3.947 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 18   | 42     | 59     | 1.44      | 0.023     | 3.947 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 18   | 52     | 59     | 1.467     | 0.016     | 3.947 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 0    | 152        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 5   | 19   | 2      | 59     | 1.444     | -0.01     | 3.947 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 19   | 12     | 59     | 1.453     | 0.046     | 3.95  | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 19   | 22     | 59     | 1.378     | 0.023     | 3.953 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 5   | 19   | 32     | 59     | 1.444     | 0.023     | 3.957 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 19   | 42     | 59     | 1.437     | 0.033     | 3.957 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 19   | 52     | 59     | 1.414     | 0.052     | 3.96  | 0.016     | 0.016     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 5   | 20   | 2      | 59     | 1.444     | 0         | 3.96  | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 5   | 20   | 12     | 59     | 1.401     | 0.062     | 3.963 | 0.016     | 0.013     | 0         | 53.8 | 53.3 | 0    | 152        | 152        | 0          | 27     | 28     |
| 2009 | 6     | 5   | 20   | 22     | 59     | 1.427     | 0.01      | 3.963 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 0    | 152        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 5   | 20   | 32     | 59     | 1.411     | 0.056     | 3.967 | 0.01      | 0.007     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 5   | 20   | 42     | 59     | 1.365     | 0.102     | 3.97  | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 0    | 152        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 5   | 20   | 52     | 59     | 1.398     | 0.112     | 3.967 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 21   | 2      | 59     | 1.43      | -0.01     | 3.97  | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 0    | 151        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 21   | 12     | 59     | 1.453     | 0.033     | 3.97  | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 21   | 22     | 59     | 1.437     | 0.01      | 3.97  | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 0    | 152        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 5   | 21   | 32     | 59     | 1.44      | 0.056     | 3.973 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 21   | 42     | 59     | 1.47      | -0.016    | 3.97  | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 0    | 151        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 5   | 21   | 52     | 59     | 1.457     | 0.039     | 3.973 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 0    | 152        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 5   | 22   | 2      | 59     | 1.404     | 0.023     | 3.973 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 22   | 12     | 59     | 1.421     | 0.075     | 3.976 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 22   | 22     | 59     | 1.414     | 0.043     | 3.976 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 22   | 32     | 59     | 1.398     | 0.072     | 3.976 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 22   | 42     | 59     | 1.417     | 0.062     | 3.976 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 5   | 22   | 52     | 59     | 1.447     | 0.046     | 3.976 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 23   | 2      | 59     | 1.421     | 0.03      | 3.976 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 23   | 12     | 59     | 1.424     | 0.085     | 3.976 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 23   | 22     | 59     | 1.43      | 0.069     | 3.98  | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 23   | 32     | 59     | 1.483     | 0.033     | 3.98  | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 5   | 23   | 42     | 59     | 1.427     | 0.062     | 3.98  | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 5   | 23   | 52     | 59     | 1.427     | 0.098     | 3.98  | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 6   | 0    | 2      | 59     | 1.434     | 0.069     | 3.983 | 0.016     | 0.013     | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 0    | 12     | 59     | 1.401     | 0.046     | 3.983 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 0    | 22     | 59     | 1.48      | 0.033     | 3.983 | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 0    | 32     | 59     | 1.45      | 0.023     | 3.983 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 0    | 42     | 59     | 1.45      | -0.01     | 3.986 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 0    | 52     | 59     | 1.44      | 0.01      | 3.986 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 1    | 2      | 59     | 1.421     | 0.039     | 3.986 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 1    | 12     | 59     | 1.404     | 0.02      | 3.986 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 1    | 22     | 59     | 1.444     | 0.036     | 3.99  | 0.016     | 0.013     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 1    | 32     | 59     | 1.453     | 0.036     | 3.993 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 1    | 42     | 59     | 1.45      | 0.03      | 3.996 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 1    | 52     | 59     | 1.411     | 0.023     | 3.996 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 2    | 2      | 59     | 1.424     | 0.039     | 3.999 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 2    | 12     | 59     | 1.398     | 0.069     | 4.003 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 2    | 22     | 59     | 1.46      | 0.059     | 3.999 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 2    | 32     | 59     | 1.411     | 0.072     | 4.003 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 2    | 42     | 59     | 1.411     | 0.03      | 4.003 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 151        | 152        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 2    | 52     | 59     | 1.453     | 0         | 4.003 | 0.013     | 0.01      | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 3    | 2      | 59     | 1.463     | 0.069     | 4.003 | 0.01      | 0.007     | 0         | 53.8 | 53.3 | 0    | 151        | 152        | 0          | 26     | 28     |
| 2009 | 6     | 6   | 3    | 12     | 59     | 1.463     | 0.023     | 4.003 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 3    | 22     | 59     | 1.434     | 0.02      | 4.003 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 3    | 32     | 59     | 1.444     | 0.023     | 4.006 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 3    | 42     | 59     | 1.48      | -0.03     | 4.006 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 3    | 52     | 59     | 1.447     | 0.069     | 4.006 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 4    | 2      | 59     | 1.43      | 0.082     | 4.006 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 4    | 12     | 59     | 1.444     | 0.049     | 4.006 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 151        | 151        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 4    | 22     | 59     | 1.437     | 0.062     | 4.009 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 4    | 32     | 59     | 1.49      | 0.007     | 4.009 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 4    | 42     | 59     | 1.473     | 0         | 4.009 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 4    | 52     | 59     | 1.434     | 0.072     | 4.009 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 5    | 2      | 59     | 1.473     | 0         | 4.009 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 5    | 12     | 59     | 1.44      | 0.036     | 4.009 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 5    | 22     | 59     | 1.467     | 0.046     | 4.009 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 5    | 32     | 59     | 1.444     | 0.049     | 4.009 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 5    | 42     | 59     | 1.44      | 0.066     | 4.012 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 5    | 52     | 59     | 1.453     | 0.033     | 4.012 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 6    | 2      | 59     | 1.414     | 0.043     | 4.009 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 6    | 12     | 59     | 1.463     | 0.016     | 4.012 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 6    | 22     | 59     | 1.424     | -0.01     | 4.012 | 0.016     | 0.013     | 0         | 53.3 | 53.3 | 0    | 151        | 152        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 6    | 32     | 59     | 1.437     | 0.046     | 4.012 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 6    | 42     | 59     | 1.404     | 0.098     | 4.016 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 6    | 52     | 59     | 1.401     | 0.072     | 4.016 | 0.01      | 0.007     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 7    | 2      | 59     | 1.404     | 0.052     | 4.016 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 7    | 12     | 59     | 1.447     | 0.066     | 4.016 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 7    | 22     | 59     | 1.467     | 0.062     | 4.019 | 0.013     | 0.01      | 0         | 53.8 | 53.3 | 0    | 152        | 152        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 7    | 32     | 59     | 1.447     | 0.036     | 4.019 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 152        | 152        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 7    | 42     | 59     | 1.47      | 0.049     | 4.019 | 0.013     | 0.01      | 0         | 54.2 | 53.3 | 0    | 152        | 152        | 0          | 26     | 28     |
| 2009 | 6     | 6   | 7    | 52     | 59     | 1.447     | 0.036     | 4.019 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 6   | 8    | 2      | 59     | 1.437     | 0.036     | 4.022 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 8    | 12     | 59     | 1.398     | 0.102     | 4.022 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 8    | 22     | 59     | 1.46      | 0.056     | 4.022 | 0.016     | 0.013     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 8    | 32     | 59     | 1.486     | 0.033     | 4.022 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 151        | 151        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 8    | 42     | 59     | 1.444     | 0.046     | 4.026 | 0.01      | 0.007     | 0         | 53.3 | 52.9 | 0    | 151        | 151        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 8    | 52     | 59     | 1.427     | 0.033     | 4.026 | 0.013     | 0.01      | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 9    | 2      | 59     | 1.453     | 0.03      | 4.029 | 0.013     | 0.01      | 0         | 53.3 | 52.9 | 0    | 151        | 151        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 9    | 12     | 59     | 1.414     | 0.003     | 4.029 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 151        | 151        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 9    | 22     | 59     | 1.45      | 0.03      | 4.029 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 9    | 32     | 59     | 1.457     | -0.016    | 4.029 | 0.016     | 0.013     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 9    | 42     | 59     | 1.44      | 0.043     | 4.029 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 150        | 151        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 9    | 52     | 59     | 1.467     | -0.016    | 4.032 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 10   | 2      | 59     | 1.437     | 0.046     | 4.032 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 10   | 12     | 59     | 1.444     | 0.049     | 4.032 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 10   | 22     | 59     | 1.44      | 0.01      | 4.032 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 150        | 151        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 10   | 32     | 59     | 1.427     | 0.02      | 4.032 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 10   | 42     | 59     | 1.49      | 0.079     | 4.035 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 10   | 52     | 59     | 1.47      | -0.02     | 4.032 | 0.01      | 0.007     | 0         | 53.3 | 52.9 | 0    | 150        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 11   | 2      | 59     | 1.467     | 0.013     | 4.035 | 0.01      | 0.007     | 0         | 52.9 | 52.5 | 0    | 150        | 150        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 11   | 12     | 59     | 1.467     | 0.039     | 4.035 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 11   | 22     | 59     | 1.476     | 0.075     | 4.035 | 0.016     | 0.013     | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 11   | 32     | 59     | 1.486     | -0.02     | 4.039 | 0.01      | 0.007     | 0         | 53.3 | 52.9 | 0    | 150        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 11   | 42     | 59     | 1.427     | 0.059     | 4.039 | 0.013     | 0.01      | 0         | 53.3 | 52.9 | 0    | 150        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 11   | 52     | 59     | 1.417     | 0.072     | 4.039 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 12   | 2      | 59     | 1.407     | 0.033     | 4.042 | 0.016     | 0.013     | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 12   | 12     | 59     | 1.44      | 0.03      | 4.039 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 12   | 22     | 59     | 1.411     | 0.072     | 4.039 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 150        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 6   | 12   | 32     | 59     | 1.453     | 0.026     | 4.039 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 12   | 42     | 59     | 1.457     | 0.075     | 4.039 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 12   | 52     | 59     | 1.463     | 0.046     | 4.042 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 13   | 2      | 59     | 1.44      | 0.049     | 4.042 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 13   | 12     | 59     | 1.421     | 0.056     | 4.042 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 13   | 22     | 59     | 1.427     | 0.003     | 4.045 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 13   | 32     | 59     | 1.447     | 0.082     | 4.045 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 13   | 42     | 59     | 1.476     | 0.016     | 4.045 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 13   | 52     | 59     | 1.49      | 0.039     | 4.045 | 0.013     | 0.01      | 0         | 53.3 | 52.9 | 0    | 150        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 14   | 2      | 59     | 1.414     | 0.095     | 4.045 | 0.013     | 0.01      | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 14   | 12     | 59     | 1.414     | 0.033     | 4.045 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 14   | 22     | 59     | 1.414     | 0.072     | 4.049 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 14   | 32     | 59     | 1.476     | 0.043     | 4.049 | 0.016     | 0.013     | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 14   | 42     | 59     | 1.47      | 0.01      | 4.049 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 150        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 6   | 14   | 52     | 59     | 1.457     | 0.026     | 4.049 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 15   | 2      | 59     | 1.447     | 0.075     | 4.049 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 15   | 12     | 59     | 1.43      | 0         | 4.052 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 0    | 150        | 151        | 0          | 27     | 26     |
| 2009 | 6     | 6   | 15   | 22     | 59     | 1.467     | 0.036     | 4.052 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 15   | 32     | 59     | 1.444     | 0.036     | 4.052 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 15   | 42     | 59     | 1.414     | 0.036     | 4.052 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 0    | 149        | 151        | 0          | 27     | 26     |
| 2009 | 6     | 6   | 15   | 52     | 59     | 1.483     | 0.01      | 4.052 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 6   | 16   | 2      | 59     | 1.447     | 0.036     | 4.052 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 16   | 12     | 59     | 1.47      | 0.036     | 4.052 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 16   | 22     | 59     | 1.44      | 0.036     | 4.052 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 16   | 32     | 59     | 1.437     | 0.095     | 4.052 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 149        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 16   | 42     | 59     | 1.47      | 0.092     | 4.055 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 16   | 52     | 59     | 1.447     | 0.079     | 4.052 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 150        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 6   | 17   | 2      | 59     | 1.424     | 0.036     | 4.055 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 17   | 12     | 59     | 1.45      | 0.02      | 4.052 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 0    | 150        | 151        | 0          | 27     | 26     |
| 2009 | 6     | 6   | 17   | 22     | 59     | 1.394     | 0.079     | 4.052 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 17   | 32     | 59     | 1.463     | 0.056     | 4.052 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 17   | 42     | 59     | 1.457     | 0.089     | 4.055 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 17   | 52     | 59     | 1.48      | -0.039    | 4.052 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 0    | 150        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 18   | 2      | 59     | 1.444     | 0.013     | 4.055 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 18   | 12     | 59     | 1.506     | 0.033     | 4.055 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 18   | 22     | 59     | 1.391     | 0.092     | 4.055 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 152        | 152        | 0          | 28     | 27     |
| 2009 | 6     | 6   | 18   | 32     | 59     | 1.512     | 0         | 4.055 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 18   | 42     | 59     | 1.48      | 0.056     | 4.055 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 18   | 52     | 59     | 1.447     | -0.023    | 4.055 | 0.016     | 0.016     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 19   | 2      | 59     | 1.434     | 0.01      | 4.055 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 19   | 12     | 59     | 1.463     | 0.056     | 4.055 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 19   | 22     | 59     | 1.44      | 0.036     | 4.055 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 19   | 32     | 59     | 1.476     | -0.023    | 4.055 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 19   | 42     | 59     | 1.483     | 0.046     | 4.055 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 19   | 52     | 59     | 1.47      | 0.01      | 4.055 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 20   | 2      | 59     | 1.427     | 0.046     | 4.055 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 20   | 12     | 59     | 1.47      | 0.03      | 4.055 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 20   | 22     | 59     | 1.467     | 0.062     | 4.058 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 20   | 32     | 59     | 1.46      | 0.036     | 4.055 | 0.01      | 0.007     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 20   | 42     | 59     | 1.407     | 0.049     | 4.055 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 6   | 20   | 52     | 59     | 1.444     | 0.052     | 4.055 | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 21   | 2      | 59     | 1.48      | 0.039     | 4.058 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 21   | 12     | 59     | 1.463     | 0.075     | 4.058 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 21   | 22     | 59     | 1.47      | 0.01      | 4.058 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 6   | 21   | 32     | 59     | 1.486     | 0.036     | 4.058 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 21   | 42     | 59     | 1.467     | 0.085     | 4.055 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 21   | 52     | 59     | 1.457     | 0.003     | 4.058 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 22   | 2      | 59     | 1.444     | 0.046     | 4.058 | 0.01      | 0.007     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 6   | 22   | 12     | 59     | 1.421     | 0.072     | 4.058 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 6   | 22   | 22     | 59     | 1.45      | 0.052     | 4.058 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 22   | 32     | 59     | 1.434     | 0.095     | 4.058 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 22   | 42     | 59     | 1.473     | 0.046     | 4.058 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 22   | 52     | 59     | 1.49      | 0.039     | 4.062 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 23   | 2      | 59     | 1.463     | 0.072     | 4.058 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 23   | 12     | 59     | 1.49      | 0.049     | 4.062 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 153        | 154        | 0          | 27     | 28     |
| 2009 | 6     | 6   | 23   | 22     | 59     | 1.447     | 0.082     | 4.062 | 0.01      | 0.007     | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 6   | 23   | 32     | 59     | 1.463     | -0.013    | 4.058 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 6   | 23   | 42     | 59     | 1.46      | 0.036     | 4.062 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 6   | 23   | 52     | 59     | 1.473     | 0.016     | 4.062 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 7   | 0    | 2      | 59     | 1.48      | 0.036     | 4.062 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 0    | 12     | 59     | 1.437     | 0.075     | 4.062 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 0    | 22     | 59     | 1.47      | 0.046     | 4.062 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 7   | 0    | 32     | 59     | 1.486     | 0.007     | 4.062 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 0    | 42     | 59     | 1.47      | 0.01      | 4.065 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 0    | 52     | 59     | 1.447     | 0.095     | 4.062 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 1    | 2      | 59     | 1.473     | 0.056     | 4.062 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 1    | 12     | 59     | 1.437     | 0.082     | 4.065 | 0.013     | 0.01      | 0         | 54.2 | 55   | 0    | 153        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 7   | 1    | 22     | 59     | 1.47      | 0.036     | 4.065 | 0.01      | 0.007     | 0         | 54.2 | 53.3 | 0    | 153        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 1    | 32     | 59     | 1.483     | 0         | 4.065 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 0    | 152        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 1    | 42     | 59     | 1.503     | 0.046     | 4.065 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 154        | 0          | 26     | 28     |
| 2009 | 6     | 7   | 1    | 52     | 59     | 1.476     | -0.01     | 4.065 | 0.013     | 0.01      | 0         | 54.2 | 55   | 0    | 153        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 7   | 2    | 2      | 59     | 1.493     | 0.007     | 4.065 | 0.01      | 0.007     | 0         | 54.6 | 54.2 | 0    | 153        | 154        | 0          | 26     | 28     |
| 2009 | 6     | 7   | 2    | 12     | 59     | 1.47      | 0.026     | 4.065 | 0.01      | 0.007     | 0         | 54.2 | 55   | 0    | 153        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 7   | 2    | 22     | 59     | 1.421     | 0.075     | 4.068 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 2    | 32     | 59     | 1.457     | 0.056     | 4.068 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 2    | 42     | 59     | 1.473     | 0.01      | 4.068 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 2    | 52     | 59     | 1.463     | 0.01      | 4.068 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 3    | 2      | 59     | 1.48      | -0.023    | 4.068 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 3    | 12     | 59     | 1.483     | 0.01      | 4.068 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 3    | 22     | 59     | 1.463     | 0.075     | 4.072 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 7   | 3    | 32     | 59     | 1.499     | 0.059     | 4.072 | 0.013     | 0.01      | 0         | 54.6 | 53.8 | 0    | 153        | 153        | 0          | 26     | 28     |
| 2009 | 6     | 7   | 3    | 42     | 59     | 1.483     | 0.056     | 4.072 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 3    | 52     | 59     | 1.46      | 0.026     | 4.075 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 4    | 2      | 59     | 1.526     | 0.023     | 4.072 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 4    | 12     | 59     | 1.473     | 0.02      | 4.072 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 4    | 22     | 59     | 1.453     | 0.023     | 4.075 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 7   | 4    | 32     | 59     | 1.486     | 0.069     | 4.075 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 4    | 42     | 59     | 1.486     | -0.01     | 4.078 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 7   | 4    | 52     | 59     | 1.512     | 0.03      | 4.078 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 5    | 2      | 59     | 1.493     | 0.013     | 4.078 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 5    | 12     | 59     | 1.486     | 0.023     | 4.075 | 0.01      | 0.007     | 0         | 54.2 | 55   | 0    | 153        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 7   | 5    | 22     | 59     | 1.503     | 0.033     | 4.078 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 5    | 32     | 59     | 1.457     | 0.046     | 4.078 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 5    | 42     | 59     | 1.483     | 0.003     | 4.078 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 5    | 52     | 59     | 1.503     | 0.02      | 4.078 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 6    | 2      | 59     | 1.509     | 0.03      | 4.078 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 6    | 12     | 59     | 1.48      | 0.026     | 4.081 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 6    | 22     | 59     | 1.493     | -0.01     | 4.078 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 6    | 32     | 59     | 1.447     | -0.01     | 4.081 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 6    | 42     | 59     | 1.453     | 0.043     | 4.081 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 6    | 52     | 59     | 1.493     | 0.036     | 4.081 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 7    | 2      | 59     | 1.476     | 0.03      | 4.081 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 7    | 12     | 59     | 1.45      | 0.095     | 4.081 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 7    | 22     | 59     | 1.503     | -0.003    | 4.081 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 7    | 32     | 59     | 1.467     | 0.052     | 4.081 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 153        | 0          | 27     | 28     |
| 2009 | 6     | 7   | 7    | 42     | 59     | 1.476     | 0.082     | 4.081 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 7    | 52     | 59     | 1.499     | 0.046     | 4.081 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 0    | 151        | 153        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 7   | 8    | 2      | 59     | 1.437     | 0.079     | 4.081 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 8    | 12     | 59     | 1.48      | 0.069     | 4.085 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 8    | 22     | 59     | 1.453     | 0.092     | 4.085 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 8    | 32     | 59     | 1.493     | 0.003     | 4.085 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 8    | 42     | 59     | 1.496     | -0.003    | 4.081 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 8    | 52     | 59     | 1.493     | 0.03      | 4.085 | 0.013     | 0.01      | 0         | 53.8 | 53.3 | 0    | 152        | 152        | 0          | 27     | 28     |
| 2009 | 6     | 7   | 9    | 2      | 59     | 1.47      | -0.013    | 4.085 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 9    | 12     | 59     | 1.434     | 0.056     | 4.085 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 9    | 22     | 59     | 1.467     | -0.03     | 4.085 | 0.016     | 0.013     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 9    | 32     | 59     | 1.44      | 0.056     | 4.081 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 9    | 42     | 59     | 1.496     | 0.069     | 4.085 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 9    | 52     | 59     | 1.519     | 0.02      | 4.085 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 10   | 2      | 59     | 1.434     | 0.059     | 4.085 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 10   | 12     | 59     | 1.512     | -0.013    | 4.085 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 0    | 150        | 151        | 0          | 27     | 26     |
| 2009 | 6     | 7   | 10   | 22     | 59     | 1.48      | 0         | 4.085 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 10   | 32     | 59     | 1.48      | 0.016     | 4.085 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 10   | 42     | 59     | 1.49      | 0.072     | 4.085 | 0.016     | 0.013     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 10   | 52     | 59     | 1.47      | 0.043     | 4.085 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 150        | 151        | 0          | 27     | 28     |
| 2009 | 6     | 7   | 11   | 2      | 59     | 1.463     | 0.026     | 4.085 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 0    | 150        | 151        | 0          | 27     | 26     |
| 2009 | 6     | 7   | 11   | 12     | 59     | 1.47      | 0.062     | 4.085 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 11   | 22     | 59     | 1.47      | 0.007     | 4.088 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 11   | 32     | 59     | 1.473     | 0.023     | 4.085 | 0.013     | 0.01      | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 11   | 42     | 59     | 1.506     | 0.072     | 4.088 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 11   | 52     | 59     | 1.522     | 0.023     | 4.085 | 0.016     | 0.013     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 12   | 2      | 59     | 1.493     | -0.01     | 4.085 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 12   | 12     | 59     | 1.49      | 0.082     | 4.085 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 12   | 22     | 59     | 1.473     | 0.026     | 4.085 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 12   | 32     | 59     | 1.434     | 0.121     | 4.085 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 12   | 42     | 59     | 1.503     | 0.059     | 4.085 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 12   | 52     | 59     | 1.493     | 0.016     | 4.085 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 13   | 2      | 59     | 1.47      | 0.049     | 4.088 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 13   | 12     | 59     | 1.493     | 0.01      | 4.085 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 13   | 22     | 59     | 1.516     | 0         | 4.085 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 13   | 32     | 59     | 1.46      | 0.085     | 4.085 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 13   | 42     | 59     | 1.48      | 0.043     | 4.085 | 0.013     | 0.01      | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 13   | 52     | 59     | 1.48      | 0.003     | 4.085 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 14   | 2      | 59     | 1.516     | 0.03      | 4.085 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 14   | 12     | 59     | 1.437     | 0.052     | 4.085 | 0.01      | 0.007     | 0         | 53.3 | 52.9 | 0    | 150        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 14   | 22     | 59     | 1.499     | 0.01      | 4.081 | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 14   | 32     | 59     | 1.473     | 0.079     | 4.081 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 0    | 150        | 151        | 0          | 27     | 26     |
| 2009 | 6     | 7   | 14   | 42     | 59     | 1.516     | 0.069     | 4.081 | 0.01      | 0.007     | 0         | 53.3 | 52.9 | 0    | 150        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 14   | 52     | 59     | 1.506     | 0.023     | 4.081 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 15   | 2      | 59     | 1.493     | 0.039     | 4.081 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 15   | 12     | 59     | 1.434     | 0.072     | 4.088 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 0    | 150        | 151        | 0          | 27     | 26     |
| 2009 | 6     | 7   | 15   | 22     | 59     | 1.493     | -0.02     | 4.081 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 15   | 32     | 59     | 1.496     | 0         | 4.081 | 0.016     | 0.013     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 15   | 42     | 59     | 1.447     | 0.036     | 4.081 | 0.016     | 0.013     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 15   | 52     | 59     | 1.496     | 0.043     | 4.081 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 7   | 16   | 2      | 59     | 1.496     | 0.01      | 4.078 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 149        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 7   | 16   | 12     | 59     | 1.509     | 0.016     | 4.078 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 149        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 7   | 16   | 22     | 59     | 1.512     | 0.01      | 4.078 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 149        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 7   | 16   | 32     | 59     | 1.48      | 0.033     | 4.078 | 0.01      | 0.007     | 0         | 53.3 | 52.9 | 0    | 149        | 150        | 0          | 25     | 27     |
| 2009 | 6     | 7   | 16   | 42     | 59     | 1.45      | 0.072     | 4.078 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 16   | 52     | 59     | 1.457     | -0.023    | 4.078 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 0    | 149        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 7   | 17   | 2      | 59     | 1.486     | 0.03      | 4.078 | 0.01      | 0.007     | 0         | 52.9 | 52.5 | 0    | 149        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 17   | 12     | 59     | 1.444     | 0.069     | 4.078 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 17   | 22     | 59     | 1.493     | 0.059     | 4.078 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 17   | 32     | 59     | 1.48      | 0.043     | 4.078 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 149        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 7   | 17   | 42     | 59     | 1.499     | 0.043     | 4.078 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 0    | 149        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 7   | 17   | 52     | 59     | 1.509     | 0.033     | 4.078 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 18   | 2      | 59     | 1.493     | 0.075     | 4.078 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 18   | 12     | 59     | 1.499     | 0.046     | 4.075 | 0.01      | 0.007     | 0         | 52   | 52.5 | 0    | 148        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 18   | 22     | 59     | 1.483     | 0.016     | 4.075 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 148        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 7   | 18   | 32     | 59     | 1.49      | 0.089     | 4.078 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 149        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 7   | 18   | 42     | 59     | 1.499     | 0.052     | 4.075 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 18   | 52     | 59     | 1.467     | -0.026    | 4.075 | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 0    | 149        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 19   | 2      | 59     | 1.49      | 0.052     | 4.075 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 7   | 19   | 12     | 59     | 1.463     | 0.046     | 4.075 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 19   | 22     | 59     | 1.476     | 0.003     | 4.075 | 0.01      | 0.007     | 0         | 52.9 | 52.5 | 0    | 149        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 19   | 32     | 59     | 1.516     | 0.007     | 4.075 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 19   | 42     | 59     | 1.509     | -0.016    | 4.072 | 0.013     | 0.01      | 0         | 52   | 52.9 | 0    | 148        | 149        | 0          | 27     | 26     |
| 2009 | 6     | 7   | 19   | 52     | 59     | 1.483     | -0.049    | 4.075 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 20   | 2      | 59     | 1.493     | 0.066     | 4.075 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 20   | 12     | 59     | 1.476     | 0.059     | 4.075 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 20   | 22     | 59     | 1.506     | -0.03     | 4.072 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 20   | 32     | 59     | 1.496     | 0.082     | 4.075 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 20   | 42     | 59     | 1.509     | 0.046     | 4.072 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 149        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 7   | 20   | 52     | 59     | 1.444     | 0.066     | 4.072 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 150        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 7   | 21   | 2      | 59     | 1.421     | 0.033     | 4.072 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 149        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 21   | 12     | 59     | 1.457     | 0.033     | 4.075 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 21   | 22     | 59     | 1.493     | 0.069     | 4.072 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 21   | 32     | 59     | 1.512     | -0.039    | 4.072 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 149        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 7   | 21   | 42     | 59     | 1.44      | 0.095     | 4.072 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 21   | 52     | 59     | 1.447     | 0.069     | 4.072 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 150        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 7   | 22   | 2      | 59     | 1.503     | 0.026     | 4.072 | 0.01      | 0.007     | 0         | 53.3 | 52.9 | 0    | 150        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 22   | 12     | 59     | 1.476     | 0.03      | 4.072 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 0    | 149        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 7   | 22   | 22     | 59     | 1.437     | 0.059     | 4.072 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 150        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 7   | 22   | 32     | 59     | 1.457     | 0.036     | 4.068 | 0.01      | 0.007     | 0         | 53.3 | 52.9 | 0    | 150        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 22   | 42     | 59     | 1.46      | 0.056     | 4.068 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 150        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 7   | 22   | 52     | 59     | 1.49      | 0.026     | 4.068 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 23   | 2      | 59     | 1.516     | 0.02      | 4.072 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 150        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 7   | 23   | 12     | 59     | 1.499     | 0.072     | 4.072 | 0.01      | 0.007     | 0         | 53.3 | 52.9 | 0    | 150        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 23   | 22     | 59     | 1.476     | 0.095     | 4.072 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 23   | 32     | 59     | 1.457     | 0.089     | 4.068 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 7   | 23   | 42     | 59     | 1.45      | 0.075     | 4.072 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 7   | 23   | 52     | 59     | 1.421     | 0.072     | 4.068 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 8   | 0    | 2      | 59     | 1.473     | 0.016     | 4.068 | 0.01      | 0.007     | 0         | 53.3 | 52.9 | 0    | 150        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 0    | 12     | 59     | 1.463     | 0.036     | 4.072 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 0    | 150        | 151        | 0          | 27     | 26     |
| 2009 | 6     | 8   | 0    | 22     | 59     | 1.503     | 0.072     | 4.072 | 0.01      | 0.007     | 0         | 53.3 | 52.9 | 0    | 150        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 0    | 32     | 59     | 1.48      | 0.039     | 4.068 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 0    | 42     | 59     | 1.467     | 0.059     | 4.068 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 150        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 0    | 52     | 59     | 1.506     | 0.049     | 4.068 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 1    | 2      | 59     | 1.46      | 0.03      | 4.068 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 150        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 1    | 12     | 59     | 1.46      | 0.085     | 4.068 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 149        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 1    | 22     | 59     | 1.486     | 0.013     | 4.068 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 149        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 1    | 32     | 59     | 1.444     | 0.013     | 4.068 | 0.013     | 0.01      | 0         | 53.3 | 52.9 | 0    | 150        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 1    | 42     | 59     | 1.46      | 0.039     | 4.068 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 149        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 1    | 52     | 59     | 1.46      | 0.066     | 4.065 | 0.016     | 0.013     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 2    | 2      | 59     | 1.493     | 0.026     | 4.065 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 8   | 2    | 12     | 59     | 1.47      | 0.059     | 4.065 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 150        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 2    | 22     | 59     | 1.473     | 0.026     | 4.065 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 2    | 32     | 59     | 1.522     | 0.036     | 4.065 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 2    | 42     | 59     | 1.467     | -0.016    | 4.065 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 2    | 52     | 59     | 1.483     | 0.062     | 4.065 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 3    | 2      | 59     | 1.434     | 0         | 4.062 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 3    | 12     | 59     | 1.47      | 0.085     | 4.065 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 3    | 22     | 59     | 1.473     | 0.075     | 4.065 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 3    | 32     | 59     | 1.49      | 0.056     | 4.062 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 3    | 42     | 59     | 1.473     | 0.059     | 4.062 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 150        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 3    | 52     | 59     | 1.404     | 0.016     | 4.062 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 4    | 2      | 59     | 1.496     | 0.01      | 4.062 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 0    | 150        | 151        | 0          | 27     | 26     |
| 2009 | 6     | 8   | 4    | 12     | 59     | 1.47      | 0.072     | 4.062 | 0.01      | 0.007     | 0         | 53.3 | 52.9 | 0    | 150        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 4    | 22     | 59     | 1.45      | 0.023     | 4.062 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 0    | 150        | 151        | 0          | 27     | 26     |
| 2009 | 6     | 8   | 4    | 32     | 59     | 1.473     | 0.02      | 4.062 | 0.01      | 0.007     | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 4    | 42     | 59     | 1.473     | -0.003    | 4.058 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 4    | 52     | 59     | 1.48      | 0.003     | 4.058 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 5    | 2      | 59     | 1.46      | 0.052     | 4.058 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 5    | 12     | 59     | 1.486     | 0.026     | 4.058 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 5    | 22     | 59     | 1.48      | 0.069     | 4.058 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 5    | 32     | 59     | 1.404     | 0.072     | 4.058 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 5    | 42     | 59     | 1.476     | 0.033     | 4.058 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 5    | 52     | 59     | 1.496     | -0.026    | 4.058 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 6    | 2      | 59     | 1.467     | 0.052     | 4.058 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 6    | 12     | 59     | 1.467     | 0.059     | 4.058 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 151        | 152        | 0          | 27     | 28     |
| 2009 | 6     | 8   | 6    | 22     | 59     | 1.453     | 0.059     | 4.058 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 6    | 32     | 59     | 1.503     | 0.007     | 4.055 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 0    | 150        | 151        | 0          | 27     | 26     |
| 2009 | 6     | 8   | 6    | 42     | 59     | 1.463     | 0.033     | 4.055 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 6    | 52     | 59     | 1.512     | 0.023     | 4.055 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 0    | 150        | 151        | 0          | 27     | 26     |
| 2009 | 6     | 8   | 7    | 2      | 59     | 1.467     | 0.026     | 4.055 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 7    | 12     | 59     | 1.499     | 0.02      | 4.055 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 7    | 22     | 59     | 1.467     | 0.023     | 4.055 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 7    | 32     | 59     | 1.473     | 0.069     | 4.055 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 7    | 42     | 59     | 1.503     | 0.023     | 4.055 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 7    | 52     | 59     | 1.434     | -0.007    | 4.055 | 0.01      | 0.007     | 0         | 53.8 | 52.9 | 0    | 151        | 151        | 0          | 26     | 28     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 8   | 8    | 2      | 59     | 1.473     | 0.039     | 4.055 | 0.016     | 0.013     | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 8    | 12     | 59     | 1.463     | 0.023     | 4.052 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 8    | 22     | 59     | 1.457     | 0.03      | 4.055 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 8    | 32     | 59     | 1.467     | -0.01     | 4.052 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 8    | 42     | 59     | 1.483     | 0.049     | 4.052 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 8    | 52     | 59     | 1.476     | 0.026     | 4.055 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 9    | 2      | 59     | 1.457     | 0.01      | 4.052 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 9    | 12     | 59     | 1.44      | 0.01      | 4.052 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 9    | 22     | 59     | 1.444     | 0.023     | 4.052 | 0.013     | 0.01      | 0         | 52.5 | 52.5 | 0    | 149        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 9    | 32     | 59     | 1.453     | 0.02      | 4.052 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 149        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 9    | 42     | 59     | 1.493     | -0.043    | 4.052 | 0.01      | 0.007     | 0         | 52   | 52.5 | 0    | 148        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 9    | 52     | 59     | 1.385     | 0.059     | 4.052 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 10   | 2      | 59     | 1.486     | 0.043     | 4.052 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 10   | 12     | 59     | 1.457     | 0.023     | 4.052 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 0    | 149        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 8   | 10   | 22     | 59     | 1.463     | 0.02      | 4.052 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 10   | 32     | 59     | 1.486     | 0.023     | 4.052 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 0    | 148        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 10   | 42     | 59     | 1.49      | -0.003    | 4.052 | 0.01      | 0.007     | 0         | 52   | 52.5 | 0    | 148        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 10   | 52     | 59     | 1.473     | 0.043     | 4.052 | 0.01      | 0.007     | 0         | 52   | 52.5 | 0    | 148        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 11   | 2      | 59     | 1.453     | 0.056     | 4.052 | 0.013     | 0.01      | 0         | 52   | 52.5 | 0    | 148        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 11   | 12     | 59     | 1.45      | 0.085     | 4.049 | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 11   | 22     | 59     | 1.44      | 0         | 4.052 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 148        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 11   | 32     | 59     | 1.457     | 0.023     | 4.049 | 0.013     | 0.01      | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 11   | 42     | 59     | 1.467     | -0.023    | 4.049 | 0.01      | 0.007     | 0         | 52   | 52.5 | 0    | 148        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 11   | 52     | 59     | 1.463     | 0.046     | 4.045 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 148        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 12   | 2      | 59     | 1.434     | 0.036     | 4.049 | 0.013     | 0.01      | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 12   | 12     | 59     | 1.467     | 0.026     | 4.049 | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 12   | 22     | 59     | 1.45      | 0.066     | 4.045 | 0.016     | 0.013     | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 12   | 32     | 59     | 1.463     | -0.007    | 4.042 | 0.013     | 0.01      | 0         | 52   | 52.5 | 0    | 148        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 12   | 42     | 59     | 1.453     | 0.043     | 4.045 | 0.01      | 0.007     | 0         | 52.9 | 52.5 | 0    | 149        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 12   | 52     | 59     | 1.453     | 0.01      | 4.042 | 0.013     | 0.01      | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 13   | 2      | 59     | 1.483     | 0.01      | 4.039 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 0    | 148        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 13   | 12     | 59     | 1.476     | 0.01      | 4.039 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 148        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 13   | 22     | 59     | 1.483     | 0.03      | 4.039 | 0.013     | 0.01      | 0         | 52.9 | 52.5 | 0    | 149        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 13   | 32     | 59     | 1.463     | 0.059     | 4.032 | 0.01      | 0.007     | 0         | 52   | 52.5 | 0    | 148        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 13   | 42     | 59     | 1.45      | 0.023     | 4.035 | 0.013     | 0.01      | 0         | 52.5 | 52.5 | 0    | 149        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 13   | 52     | 59     | 1.437     | 0.069     | 4.035 | 0.013     | 0.01      | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 14   | 2      | 59     | 1.447     | 0.003     | 4.032 | 0.01      | 0.007     | 0         | 52   | 52.9 | 0    | 148        | 149        | 0          | 27     | 26     |
| 2009 | 6     | 8   | 14   | 12     | 59     | 1.457     | 0.02      | 4.035 | 0.01      | 0.007     | 0         | 52   | 52.5 | 0    | 148        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 14   | 22     | 59     | 1.453     | 0.023     | 4.035 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 148        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 14   | 32     | 59     | 1.463     | 0         | 4.035 | 0.01      | 0.007     | 0         | 52   | 52.5 | 0    | 148        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 14   | 42     | 59     | 1.467     | 0.033     | 4.032 | 0.013     | 0.01      | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 14   | 52     | 59     | 1.467     | 0.046     | 4.032 | 0.01      | 0.007     | 0         | 52.9 | 52.5 | 0    | 149        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 15   | 2      | 59     | 1.496     | 0.043     | 4.029 | 0.013     | 0.01      | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 15   | 12     | 59     | 1.414     | 0.072     | 4.032 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 149        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 15   | 22     | 59     | 1.453     | 0.059     | 4.032 | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 0    | 149        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 15   | 32     | 59     | 1.447     | -0.003    | 4.032 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 148        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 15   | 42     | 59     | 1.43      | 0.01      | 4.029 | 0.013     | 0.01      | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 15   | 52     | 59     | 1.43      | 0.036     | 4.029 | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 8   | 16   | 2      | 59     | 1.486     | 0.007     | 4.029 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 148        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 16   | 12     | 59     | 1.503     | 0.052     | 4.029 | 0.01      | 0.007     | 0         | 52   | 53.3 | 0    | 148        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 8   | 16   | 22     | 59     | 1.45      | 0.036     | 4.029 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 0    | 148        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 16   | 32     | 59     | 1.476     | -0.01     | 4.029 | 0.013     | 0.01      | 0         | 52   | 52.5 | 0    | 148        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 16   | 42     | 59     | 1.457     | 0.062     | 4.026 | 0.013     | 0.01      | 0         | 52   | 52.5 | 0    | 148        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 16   | 52     | 59     | 1.43      | 0.033     | 4.026 | 0.013     | 0.01      | 0         | 52   | 52.5 | 0    | 148        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 17   | 2      | 59     | 1.427     | 0.013     | 4.026 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 17   | 12     | 59     | 1.46      | 0.052     | 4.026 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 0    | 149        | 149        | 0          | 27     | 26     |
| 2009 | 6     | 8   | 17   | 22     | 59     | 1.404     | 0.085     | 4.026 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 17   | 32     | 59     | 1.453     | 0.089     | 4.026 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 17   | 42     | 59     | 1.417     | 0.023     | 4.022 | 0.013     | 0.01      | 0         | 52.5 | 52.5 | 0    | 149        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 17   | 52     | 59     | 1.467     | -0.023    | 4.019 | 0.013     | 0.01      | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 18   | 2      | 59     | 1.447     | 0.056     | 4.022 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 0    | 149        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 8   | 18   | 12     | 59     | 1.44      | 0.075     | 4.022 | 0.013     | 0.01      | 0         | 52   | 52.5 | 0    | 148        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 18   | 22     | 59     | 1.437     | 0.049     | 4.019 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 18   | 32     | 59     | 1.463     | 0.059     | 4.019 | 0.013     | 0.01      | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 18   | 42     | 59     | 1.46      | 0.059     | 4.019 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 18   | 52     | 59     | 1.43      | 0.023     | 4.016 | 0.016     | 0.013     | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 19   | 2      | 59     | 1.424     | 0.023     | 4.019 | 0.013     | 0.01      | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 19   | 12     | 59     | 1.434     | 0.007     | 4.016 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 149        | 149        | 0          | 27     | 26     |
| 2009 | 6     | 8   | 19   | 22     | 59     | 1.434     | 0.036     | 4.016 | 0.013     | 0.01      | 0         | 52.9 | 52.5 | 0    | 149        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 19   | 32     | 59     | 1.427     | 0.079     | 4.012 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 19   | 42     | 59     | 1.411     | 0.062     | 4.012 | 0.016     | 0.013     | 0         | 52.9 | 52.5 | 0    | 149        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 19   | 52     | 59     | 1.444     | 0.079     | 4.009 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 0    | 149        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 8   | 20   | 2      | 59     | 1.444     | 0.016     | 4.009 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 20   | 12     | 59     | 1.44      | 0.003     | 4.006 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 149        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 20   | 22     | 59     | 1.437     | 0.066     | 4.006 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 149        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 20   | 32     | 59     | 1.417     | -0.01     | 4.003 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 20   | 42     | 59     | 1.427     | 0.052     | 4.003 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 20   | 52     | 59     | 1.414     | 0.036     | 3.999 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 150        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 21   | 2      | 59     | 1.434     | 0.033     | 3.999 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 21   | 12     | 59     | 1.46      | 0.016     | 3.996 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 8   | 21   | 22     | 59     | 1.411     | 0.043     | 3.999 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 149        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 21   | 32     | 59     | 1.447     | 0         | 3.996 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 0    | 149        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 8   | 21   | 42     | 59     | 1.46      | 0.046     | 3.999 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 21   | 52     | 59     | 1.434     | 0.059     | 3.999 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 0    | 149        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 8   | 22   | 2      | 59     | 1.421     | 0.026     | 3.993 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 22   | 12     | 59     | 1.473     | 0.01      | 3.993 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 149        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 22   | 22     | 59     | 1.43      | 0.02      | 3.996 | 0.01      | 0.007     | 0         | 52   | 52.5 | 0    | 148        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 8   | 22   | 32     | 59     | 1.444     | 0.052     | 3.993 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 149        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 22   | 42     | 59     | 1.411     | 0         | 3.993 | 0.016     | 0.013     | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 22   | 52     | 59     | 1.476     | 0.02      | 3.993 | 0.01      | 0.007     | 0         | 52   | 52.9 | 0    | 148        | 149        | 0          | 27     | 26     |
| 2009 | 6     | 8   | 23   | 2      | 59     | 1.496     | 0.056     | 3.993 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 149        | 149        | 0          | 27     | 26     |
| 2009 | 6     | 8   | 23   | 12     | 59     | 1.457     | 0.02      | 3.993 | 0.013     | 0.01      | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 23   | 22     | 59     | 1.45      | 0.01      | 3.99  | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 23   | 32     | 59     | 1.46      | 0.01      | 3.99  | 0.013     | 0.01      | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 8   | 23   | 42     | 59     | 1.46      | 0.059     | 3.99  | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 149        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 8   | 23   | 52     | 59     | 1.424     | 0.016     | 3.99  | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 9   | 0    | 2      | 59     | 1.44      | 0.03      | 3.99  | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 0    | 12     | 59     | 1.48      | 0         | 3.986 | 0.016     | 0.013     | 0         | 52.9 | 52.5 | 0    | 148        | 149        | 0          | 25     | 27     |
| 2009 | 6     | 9   | 0    | 22     | 59     | 1.45      | -0.02     | 3.986 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 148        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 0    | 32     | 59     | 1.427     | 0.043     | 3.986 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 149        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 0    | 42     | 59     | 1.467     | -0.01     | 3.986 | 0.013     | 0.01      | 0         | 52   | 52.5 | 0    | 148        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 0    | 52     | 59     | 1.447     | 0.059     | 3.986 | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 1    | 2      | 59     | 1.457     | 0.056     | 3.983 | 0.016     | 0.013     | 0         | 52.9 | 52.9 | 0    | 149        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 1    | 12     | 59     | 1.401     | 0.033     | 3.986 | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 1    | 22     | 59     | 1.424     | 0.023     | 3.983 | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 1    | 32     | 59     | 1.43      | 0.02      | 3.983 | 0.016     | 0.013     | 0         | 52   | 52.9 | 0    | 148        | 149        | 0          | 27     | 26     |
| 2009 | 6     | 9   | 1    | 42     | 59     | 1.444     | 0.033     | 3.983 | 0.016     | 0.013     | 0         | 52.9 | 53.3 | 0    | 149        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 1    | 52     | 59     | 1.421     | 0.062     | 3.983 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 9   | 2    | 2      | 59     | 1.424     | 0.072     | 3.98  | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 149        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 2    | 12     | 59     | 1.444     | 0         | 3.983 | 0.013     | 0.01      | 0         | 52.9 | 52   | 0    | 149        | 149        | 0          | 26     | 28     |
| 2009 | 6     | 9   | 2    | 22     | 59     | 1.394     | 0.043     | 3.98  | 0.016     | 0.013     | 0         | 52.5 | 52.5 | 0    | 149        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 2    | 32     | 59     | 1.417     | 0.007     | 3.98  | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 149        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 2    | 42     | 59     | 1.447     | 0.046     | 3.98  | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 0    | 149        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 9   | 2    | 52     | 59     | 1.434     | 0.039     | 3.98  | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 0    | 149        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 9   | 3    | 2      | 59     | 1.424     | -0.01     | 3.976 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 3    | 12     | 59     | 1.424     | -0.003    | 3.976 | 0.016     | 0.013     | 0         | 52.5 | 52.9 | 0    | 148        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 3    | 22     | 59     | 1.398     | 0.003     | 3.976 | 0.016     | 0.013     | 0         | 52.5 | 52.9 | 0    | 149        | 149        | 0          | 27     | 26     |
| 2009 | 6     | 9   | 3    | 32     | 59     | 1.457     | 0.046     | 3.973 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 0    | 149        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 9   | 3    | 42     | 59     | 1.417     | 0.082     | 3.973 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 3    | 52     | 59     | 1.434     | 0.003     | 3.973 | 0.01      | 0.007     | 0         | 52.9 | 52.5 | 0    | 149        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 4    | 2      | 59     | 1.401     | 0.036     | 3.973 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 0    | 149        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 9   | 4    | 12     | 59     | 1.401     | 0.062     | 3.973 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 4    | 22     | 59     | 1.44      | 0         | 3.97  | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 4    | 32     | 59     | 1.427     | 0.026     | 3.97  | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 150        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 9   | 4    | 42     | 59     | 1.447     | -0.01     | 3.97  | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 0    | 149        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 9   | 4    | 52     | 59     | 1.434     | 0.003     | 3.97  | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 5    | 2      | 59     | 1.44      | 0.036     | 3.967 | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 5    | 12     | 59     | 1.421     | 0.052     | 3.967 | 0.016     | 0.013     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 5    | 22     | 59     | 1.401     | 0.056     | 3.967 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 5    | 32     | 59     | 1.43      | 0.01      | 3.963 | 0.01      | 0.007     | 0         | 52.9 | 52.5 | 0    | 149        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 5    | 42     | 59     | 1.44      | 0.043     | 3.963 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 5    | 52     | 59     | 1.499     | 0.02      | 3.96  | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 6    | 2      | 59     | 1.407     | 0.01      | 3.96  | 0.016     | 0.013     | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 6    | 12     | 59     | 1.417     | 0.03      | 3.96  | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 6    | 22     | 59     | 1.424     | 0.059     | 3.96  | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 0    | 149        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 9   | 6    | 32     | 59     | 1.447     | 0.036     | 3.957 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 6    | 42     | 59     | 1.437     | 0.02      | 3.96  | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 6    | 52     | 59     | 1.45      | 0.052     | 3.957 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 7    | 2      | 59     | 1.45      | 0         | 3.957 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 7    | 12     | 59     | 1.424     | 0.007     | 3.957 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 7    | 22     | 59     | 1.437     | 0.01      | 3.953 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 7    | 32     | 59     | 1.414     | 0         | 3.953 | 0.016     | 0.016     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 7    | 42     | 59     | 1.46      | 0         | 3.953 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 7    | 52     | 59     | 1.424     | -0.01     | 3.95  | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 9   | 8    | 2      | 59     | 1.434     | 0         | 3.95  | 0.013     | 0.01      | 0         | 53.3 | 52.9 | 0    | 150        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 8    | 12     | 59     | 1.463     | 0.036     | 3.947 | 0.016     | 0.013     | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 8    | 22     | 59     | 1.437     | -0.013    | 3.95  | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 8    | 32     | 59     | 1.417     | -0.003    | 3.947 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 8    | 42     | 59     | 1.424     | -0.007    | 3.947 | 0.013     | 0.01      | 0         | 53.3 | 52.9 | 0    | 150        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 8    | 52     | 59     | 1.411     | -0.026    | 3.947 | 0.01      | 0.007     | 0         | 53.3 | 52.9 | 0    | 150        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 9    | 2      | 59     | 1.427     | 0.003     | 3.947 | 0.01      | 0.007     | 0         | 53.3 | 52.9 | 0    | 150        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 9    | 12     | 59     | 1.368     | 0.052     | 3.944 | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 0    | 151        | 151        | 0          | 27     | 26     |
| 2009 | 6     | 9   | 9    | 22     | 59     | 1.427     | 0         | 3.944 | 0.013     | 0.01      | 0         | 52.9 | 52.5 | 0    | 149        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 9    | 32     | 59     | 1.427     | 0.03      | 3.944 | 0.013     | 0.01      | 0         | 53.3 | 52.9 | 0    | 150        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 9    | 42     | 59     | 1.437     | 0.039     | 3.944 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 9    | 52     | 59     | 1.44      | 0.016     | 3.944 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 10   | 2      | 59     | 1.427     | 0.023     | 3.944 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 9   | 10   | 12     | 59     | 1.414     | -0.023    | 3.944 | 0.016     | 0.013     | 0         | 52.5 | 52   | 0    | 149        | 149        | 0          | 27     | 28     |
| 2009 | 6     | 9   | 10   | 22     | 59     | 1.437     | 0.052     | 3.944 | 0.01      | 0.007     | 0         | 52   | 52.9 | 0    | 148        | 149        | 0          | 27     | 26     |
| 2009 | 6     | 9   | 10   | 32     | 59     | 1.421     | 0.01      | 3.944 | 0.016     | 0.013     | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 10   | 42     | 59     | 1.407     | 0.056     | 3.944 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 150        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 10   | 52     | 59     | 1.407     | 0.049     | 3.944 | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 0    | 149        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 11   | 2      | 59     | 1.43      | 0.003     | 3.94  | 0.016     | 0.013     | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 11   | 12     | 59     | 1.427     | -0.007    | 3.94  | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 0    | 149        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 11   | 22     | 59     | 1.378     | 0.03      | 3.94  | 0.013     | 0.01      | 0         | 52   | 52.9 | 0    | 148        | 149        | 0          | 27     | 26     |
| 2009 | 6     | 9   | 11   | 32     | 59     | 1.411     | 0.043     | 3.94  | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 11   | 42     | 59     | 1.424     | 0.01      | 3.937 | 0.01      | 0.007     | 0         | 52.5 | 52   | 0    | 148        | 148        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 11   | 52     | 59     | 1.434     | 0.023     | 3.937 | 0.013     | 0.01      | 0         | 52   | 52.5 | 0    | 148        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 12   | 2      | 59     | 1.371     | -0.033    | 3.934 | 0.01      | 0.007     | 0         | 52   | 52   | 0    | 147        | 148        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 12   | 12     | 59     | 1.365     | 0.049     | 3.934 | 0.013     | 0.01      | 0         | 52.5 | 52   | 0    | 148        | 148        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 12   | 22     | 59     | 1.434     | 0.016     | 3.93  | 0.013     | 0.01      | 0         | 52   | 52   | 0    | 147        | 148        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 12   | 32     | 59     | 1.417     | 0.01      | 3.93  | 0.01      | 0.007     | 0         | 52   | 52   | 0    | 147        | 148        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 12   | 42     | 59     | 1.417     | 0.01      | 3.924 | 0.01      | 0.007     | 0         | 52   | 52   | 0    | 147        | 148        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 12   | 52     | 59     | 1.417     | -0.01     | 3.927 | 0.016     | 0.013     | 0         | 52   | 52   | 0    | 147        | 147        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 13   | 2      | 59     | 1.407     | 0.043     | 3.927 | 0.01      | 0.007     | 0         | 52   | 52.5 | 0    | 148        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 13   | 12     | 59     | 1.411     | 0.036     | 3.927 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 0    | 149        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 9   | 13   | 22     | 59     | 1.427     | 0.033     | 3.924 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 0    | 149        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 9   | 13   | 32     | 59     | 1.365     | 0.059     | 3.924 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 13   | 42     | 59     | 1.385     | -0.02     | 3.921 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 149        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 13   | 52     | 59     | 1.394     | 0.003     | 3.921 | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 0    | 149        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 14   | 2      | 59     | 1.417     | -0.023    | 3.917 | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 14   | 12     | 59     | 1.381     | 0.046     | 3.917 | 0.016     | 0.016     | 0         | 52.5 | 52.9 | 0    | 148        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 14   | 22     | 59     | 1.404     | 0.016     | 3.917 | 0.013     | 0.01      | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 14   | 32     | 59     | 1.371     | 0.023     | 3.917 | 0.016     | 0.013     | 0         | 51.6 | 52   | 0    | 147        | 148        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 14   | 42     | 59     | 1.401     | 0.003     | 3.914 | 0.013     | 0.01      | 0         | 51.6 | 52   | 0    | 147        | 148        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 14   | 52     | 59     | 1.401     | 0.039     | 3.914 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 0    | 148        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 15   | 2      | 59     | 1.411     | 0.023     | 3.914 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 148        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 15   | 12     | 59     | 1.407     | 0.046     | 3.914 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 148        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 15   | 22     | 59     | 1.407     | -0.013    | 3.911 | 0.013     | 0.01      | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 15   | 32     | 59     | 1.385     | 0.007     | 3.911 | 0.013     | 0.01      | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 15   | 42     | 59     | 1.365     | 0.02      | 3.911 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 0    | 148        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 15   | 52     | 59     | 1.404     | 0         | 3.911 | 0.013     | 0.01      | 0         | 52   | 52.5 | 0    | 148        | 149        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 9   | 16   | 2      | 59     | 1.394     | 0         | 3.911 | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 16   | 12     | 59     | 1.404     | 0.036     | 3.907 | 0.013     | 0.01      | 0         | 52.9 | 52.5 | 0    | 149        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 16   | 22     | 59     | 1.365     | 0.062     | 3.911 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 16   | 32     | 59     | 1.391     | 0.039     | 3.904 | 0.016     | 0.016     | 0         | 52.5 | 52   | 0    | 148        | 148        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 16   | 42     | 59     | 1.385     | -0.003    | 3.904 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 149        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 16   | 52     | 59     | 1.381     | 0.007     | 3.904 | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 17   | 2      | 59     | 1.394     | 0.039     | 3.901 | 0.013     | 0.01      | 0         | 52.9 | 52.5 | 0    | 149        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 17   | 12     | 59     | 1.385     | 0.02      | 3.898 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 148        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 17   | 22     | 59     | 1.371     | 0.007     | 3.901 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 148        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 17   | 32     | 59     | 1.394     | 0.039     | 3.898 | 0.01      | 0.007     | 0         | 52.9 | 52.5 | 0    | 148        | 149        | 0          | 25     | 27     |
| 2009 | 6     | 9   | 17   | 42     | 59     | 1.391     | 0.03      | 3.891 | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 17   | 52     | 59     | 1.407     | 0         | 3.891 | 0.013     | 0.01      | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 18   | 2      | 59     | 1.391     | 0.01      | 3.891 | 0.013     | 0.01      | 0         | 52   | 52.9 | 0    | 148        | 149        | 0          | 27     | 26     |
| 2009 | 6     | 9   | 18   | 12     | 59     | 1.398     | 0.043     | 3.891 | 0.016     | 0.013     | 0         | 52   | 52.5 | 0    | 148        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 18   | 22     | 59     | 1.417     | -0.007    | 3.885 | 0.01      | 0.007     | 0         | 52   | 52   | 0    | 148        | 148        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 18   | 32     | 59     | 1.345     | 0.075     | 3.885 | 0.01      | 0.007     | 0         | 52.5 | 52   | 0    | 148        | 148        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 18   | 42     | 59     | 1.381     | 0.059     | 3.885 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 0    | 148        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 18   | 52     | 59     | 1.421     | 0.049     | 3.881 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 0    | 148        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 19   | 2      | 59     | 1.414     | 0.023     | 3.881 | 0.01      | 0.007     | 0         | 52   | 52.9 | 0    | 148        | 149        | 0          | 27     | 26     |
| 2009 | 6     | 9   | 19   | 12     | 59     | 1.424     | 0.016     | 3.881 | 0.013     | 0.01      | 0         | 52.9 | 52.5 | 0    | 149        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 19   | 22     | 59     | 1.411     | -0.003    | 3.878 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 148        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 19   | 32     | 59     | 1.44      | 0.01      | 3.878 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 19   | 42     | 59     | 1.424     | 0.01      | 3.878 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 19   | 52     | 59     | 1.391     | 0.007     | 3.878 | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 0    | 149        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 20   | 2      | 59     | 1.394     | 0.039     | 3.878 | 0.01      | 0.007     | 0         | 53.3 | 52.9 | 0    | 150        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 20   | 12     | 59     | 1.463     | 0.023     | 3.875 | 0.016     | 0.013     | 0         | 53.3 | 53.3 | 0    | 150        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 20   | 22     | 59     | 1.417     | -0.007    | 3.875 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 150        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 20   | 32     | 59     | 1.404     | 0.01      | 3.875 | 0.01      | 0.007     | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 20   | 42     | 59     | 1.404     | 0.062     | 3.875 | 0.016     | 0.016     | 0         | 53.3 | 52.9 | 0    | 151        | 149        | 0          | 27     | 26     |
| 2009 | 6     | 9   | 20   | 52     | 59     | 1.378     | 0.013     | 3.871 | 0.01      | 0.007     | 0         | 53.8 | 52.9 | 0    | 151        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 21   | 2      | 59     | 1.394     | 0.036     | 3.871 | 0.01      | 0.007     | 0         | 53.8 | 52   | 0    | 151        | 148        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 21   | 12     | 59     | 1.362     | 0.062     | 3.871 | 0.016     | 0.016     | 0         | 53.8 | 50.7 | 0    | 151        | 144        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 21   | 22     | 59     | 1.375     | 0.043     | 3.868 | 0.01      | 0.007     | 0         | 53.3 | 52.5 | 0    | 151        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 21   | 32     | 59     | 1.394     | 0.03      | 3.871 | 0.013     | 0.01      | 0         | 53.8 | 52.9 | 0    | 151        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 21   | 42     | 59     | 1.411     | 0.023     | 3.868 | 0.016     | 0.016     | 0         | 52.9 | 52.5 | 0    | 150        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 21   | 52     | 59     | 1.43      | 0.049     | 3.868 | 0.01      | 0.007     | 0         | 53.3 | 52.9 | 0    | 150        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 22   | 2      | 59     | 1.348     | -0.013    | 3.868 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 22   | 12     | 59     | 1.352     | 0.036     | 3.868 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 22   | 22     | 59     | 1.348     | 0.003     | 3.868 | 0.013     | 0.01      | 0         | 53.3 | 52   | 0    | 150        | 148        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 22   | 32     | 59     | 1.407     | 0.033     | 3.865 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 22   | 42     | 59     | 1.332     | 0.069     | 3.865 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 22   | 52     | 59     | 1.398     | 0.033     | 3.862 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 150        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 23   | 2      | 59     | 1.407     | 0.033     | 3.862 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 23   | 12     | 59     | 1.401     | 0.013     | 3.862 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 9   | 23   | 22     | 59     | 1.378     | 0.013     | 3.858 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 23   | 32     | 59     | 1.411     | 0.01      | 3.858 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 150        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 9   | 23   | 42     | 59     | 1.391     | 0.016     | 3.855 | 0.016     | 0.016     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 9   | 23   | 52     | 59     | 1.365     | 0.043     | 3.858 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 10  | 0    | 2      | 59     | 1.362     | 0.046     | 3.855 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 0    | 12     | 59     | 1.385     | -0.039    | 3.852 | 0.01      | 0.007     | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 0    | 22     | 59     | 1.362     | 0.049     | 3.852 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 0    | 32     | 59     | 1.394     | 0.013     | 3.852 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 151        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 0    | 42     | 59     | 1.375     | 0.007     | 3.848 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 151        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 0    | 52     | 59     | 1.388     | 0.039     | 3.848 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 151        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 1    | 2      | 59     | 1.355     | 0.01      | 3.845 | 0.016     | 0.013     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 1    | 12     | 59     | 1.371     | 0.049     | 3.848 | 0.016     | 0.016     | 0         | 53.3 | 54.2 | 0    | 151        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 10  | 1    | 22     | 59     | 1.375     | 0.026     | 3.842 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 1    | 32     | 59     | 1.358     | 0.049     | 3.845 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 1    | 42     | 59     | 1.394     | 0.03      | 3.845 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 0    | 152        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 10  | 1    | 52     | 59     | 1.385     | -0.036    | 3.839 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 2    | 2      | 59     | 1.388     | 0.046     | 3.842 | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 2    | 12     | 59     | 1.385     | 0.085     | 3.842 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 2    | 22     | 59     | 1.391     | 0.007     | 3.839 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 0    | 151        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 10  | 2    | 32     | 59     | 1.391     | 0.016     | 3.839 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 2    | 42     | 59     | 1.368     | 0.023     | 3.839 | 0.01      | 0.007     | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 2    | 52     | 59     | 1.401     | 0.016     | 3.835 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 3    | 2      | 59     | 1.352     | 0.072     | 3.835 | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 3    | 12     | 59     | 1.335     | 0.062     | 3.835 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 3    | 22     | 59     | 1.362     | 0.046     | 3.835 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 3    | 32     | 59     | 1.365     | 0.049     | 3.835 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 3    | 42     | 59     | 1.358     | 0.007     | 3.832 | 0.01      | 0.007     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 3    | 52     | 59     | 1.375     | 0.026     | 3.835 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 4    | 2      | 59     | 1.407     | 0.036     | 3.832 | 0.016     | 0.016     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 4    | 12     | 59     | 1.325     | 0.039     | 3.832 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 4    | 22     | 59     | 1.365     | 0.01      | 3.832 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 4    | 32     | 59     | 1.358     | 0.049     | 3.832 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 4    | 42     | 59     | 1.339     | -0.013    | 3.832 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 4    | 52     | 59     | 1.329     | -0.013    | 3.829 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 5    | 2      | 59     | 1.378     | 0.01      | 3.829 | 0.02      | 0.016     | 0         | 53.8 | 54.2 | 0    | 152        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 10  | 5    | 12     | 59     | 1.371     | 0.023     | 3.829 | 0.016     | 0.016     | 0         | 53.8 | 54.2 | 0    | 151        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 5    | 22     | 59     | 1.378     | 0.023     | 3.829 | 0.01      | 0.007     | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 5    | 32     | 59     | 1.385     | 0.052     | 3.825 | 0.016     | 0.016     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 5    | 42     | 59     | 1.371     | 0.003     | 3.825 | 0.016     | 0.013     | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 5    | 52     | 59     | 1.365     | 0.01      | 3.825 | 0.01      | 0.007     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 6    | 2      | 59     | 1.365     | 0.03      | 3.829 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 0    | 151        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 10  | 6    | 12     | 59     | 1.335     | -0.003    | 3.825 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 6    | 22     | 59     | 1.381     | 0.003     | 3.825 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 6    | 32     | 59     | 1.352     | 0         | 3.825 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 6    | 42     | 59     | 1.365     | 0.003     | 3.825 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 0    | 150        | 151        | 0          | 27     | 26     |
| 2009 | 6     | 10  | 6    | 52     | 59     | 1.401     | 0.046     | 3.825 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 151        | 0          | 27     | 26     |
| 2009 | 6     | 10  | 7    | 2      | 59     | 1.362     | 0.036     | 3.825 | 0.01      | 0.007     | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 7    | 12     | 59     | 1.348     | 0.007     | 3.822 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 7    | 22     | 59     | 1.368     | -0.016    | 3.822 | 0.016     | 0.013     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 7    | 32     | 59     | 1.348     | 0.036     | 3.822 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 7    | 42     | 59     | 1.348     | 0.02      | 3.822 | 0.01      | 0.007     | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 7    | 52     | 59     | 1.362     | 0         | 3.822 | 0.013     | 0.01      | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 10  | 8    | 2      | 59     | 1.335     | 0.036     | 3.822 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 8    | 12     | 59     | 1.375     | 0.052     | 3.819 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 8    | 22     | 59     | 1.378     | 0.023     | 3.819 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 150        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 8    | 32     | 59     | 1.335     | 0.023     | 3.819 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 8    | 42     | 59     | 1.388     | 0.03      | 3.819 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 8    | 52     | 59     | 1.398     | 0.072     | 3.819 | 0.01      | 0.007     | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 9    | 2      | 59     | 1.362     | 0.026     | 3.816 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 9    | 12     | 59     | 1.371     | -0.003    | 3.816 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 9    | 22     | 59     | 1.342     | 0.036     | 3.812 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 9    | 32     | 59     | 1.332     | 0.01      | 3.816 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 9    | 42     | 59     | 1.365     | -0.039    | 3.809 | 0.016     | 0.013     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 9    | 52     | 59     | 1.365     | 0         | 3.809 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 10   | 2      | 59     | 1.375     | 0.072     | 3.809 | 0.01      | 0.007     | 0         | 52.9 | 52.5 | 0    | 149        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 10   | 12     | 59     | 1.378     | -0.013    | 3.809 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 149        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 10   | 22     | 59     | 1.365     | 0         | 3.802 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 0    | 149        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 10  | 10   | 32     | 59     | 1.365     | 0.036     | 3.799 | 0.01      | 0.007     | 0         | 52.9 | 52.5 | 0    | 149        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 10   | 42     | 59     | 1.368     | -0.003    | 3.802 | 0.013     | 0.01      | 0         | 52.9 | 52.5 | 0    | 149        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 10   | 52     | 59     | 1.394     | 0.003     | 3.799 | 0.013     | 0.01      | 0         | 52.5 | 52.5 | 0    | 149        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 11   | 2      | 59     | 1.362     | 0.036     | 3.799 | 0.013     | 0.01      | 0         | 53.3 | 52.9 | 0    | 150        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 11   | 12     | 59     | 1.342     | 0.023     | 3.799 | 0.01      | 0.007     | 0         | 52.9 | 52.5 | 0    | 149        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 11   | 22     | 59     | 1.342     | 0         | 3.796 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 11   | 32     | 59     | 1.352     | 0.01      | 3.796 | 0.013     | 0.01      | 0         | 52.9 | 52.5 | 0    | 149        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 11   | 42     | 59     | 1.375     | 0.033     | 3.796 | 0.013     | 0.01      | 0         | 52.5 | 52.5 | 0    | 149        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 11   | 52     | 59     | 1.375     | 0.049     | 3.796 | 0.013     | 0.01      | 0         | 52.9 | 52.5 | 0    | 149        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 12   | 2      | 59     | 1.312     | 0.075     | 3.796 | 0.016     | 0.013     | 0         | 52.9 | 52.9 | 0    | 149        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 12   | 12     | 59     | 1.352     | -0.01     | 3.796 | 0.013     | 0.01      | 0         | 51.6 | 52   | 0    | 147        | 148        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 12   | 22     | 59     | 1.365     | 0.036     | 3.796 | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 12   | 32     | 59     | 1.352     | 0.046     | 3.793 | 0.013     | 0.01      | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 12   | 42     | 59     | 1.342     | 0.046     | 3.793 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 0    | 148        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 12   | 52     | 59     | 1.365     | 0.033     | 3.793 | 0.016     | 0.013     | 0         | 52.5 | 52.5 | 0    | 149        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 13   | 2      | 59     | 1.335     | -0.023    | 3.793 | 0.013     | 0.01      | 0         | 52   | 52   | 0    | 148        | 148        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 13   | 12     | 59     | 1.358     | 0.02      | 3.793 | 0.01      | 0.007     | 0         | 52   | 52.9 | 0    | 148        | 149        | 0          | 27     | 26     |
| 2009 | 6     | 10  | 13   | 22     | 59     | 1.309     | 0.023     | 3.793 | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 13   | 32     | 59     | 1.345     | 0.043     | 3.789 | 0.016     | 0.013     | 0         | 52.5 | 52.9 | 0    | 149        | 149        | 0          | 27     | 26     |
| 2009 | 6     | 10  | 13   | 42     | 59     | 1.352     | 0         | 3.789 | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 13   | 52     | 59     | 1.335     | 0.036     | 3.793 | 0.013     | 0.01      | 0         | 52   | 52.5 | 0    | 148        | 148        | 0          | 27     | 26     |
| 2009 | 6     | 10  | 14   | 1      | 7      | 1.348     | 0.01      | 3.789 | 0.013     | 0.01      | 0         | 52   | 52   | 0    | 147        | 148        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 14   | 11     | 7      | 1.352     | 0.095     | 3.789 | 0.013     | 0.01      | 0         | 52.5 | 52.5 | 0    | 148        | 148        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 14   | 21     | 7      | 1.325     | 0.03      | 3.786 | 0.013     | 0.01      | 0         | 52   | 52.5 | 0    | 148        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 14   | 31     | 7      | 1.329     | 0.016     | 3.786 | 0.016     | 0.013     | 0         | 52   | 52.9 | 0    | 148        | 149        | 0          | 27     | 26     |
| 2009 | 6     | 10  | 14   | 41     | 7      | 1.348     | 0.01      | 3.783 | 0.01      | 0.007     | 0         | 52   | 52.5 | 0    | 148        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 14   | 51     | 7      | 1.335     | 0.036     | 3.783 | 0.01      | 0.007     | 0         | 52   | 52.5 | 0    | 148        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 15   | 1      | 7      | 1.339     | 0.02      | 3.78  | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 149        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 15   | 11     | 7      | 1.322     | 0.066     | 3.78  | 0.016     | 0.013     | 0         | 52.9 | 52.5 | 0    | 149        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 15   | 21     | 7      | 1.368     | 0         | 3.776 | 0.013     | 0.01      | 0         | 52.5 | 52   | 0    | 148        | 148        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 15   | 31     | 7      | 1.322     | -0.013    | 3.776 | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 0    | 148        | 148        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 15   | 41     | 7      | 1.312     | -0.003    | 3.773 | 0.016     | 0.013     | 0         | 52.5 | 52.9 | 0    | 148        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 15   | 51     | 7      | 1.332     | 0.03      | 3.77  | 0.01      | 0.007     | 0         | 52   | 52.9 | 0    | 148        | 149        | 0          | 27     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 10  | 16   | 1      | 7      | 1.355     | 0.033     | 3.77  | 0.013     | 0.01      | 0         | 52   | 52.5 | 0    | 148        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 16   | 11     | 7      | 1.355     | 0         | 3.77  | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 0    | 148        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 16   | 21     | 7      | 1.355     | -0.036    | 3.766 | 0.013     | 0.01      | 0         | 52.5 | 52.5 | 0    | 148        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 16   | 31     | 7      | 1.329     | -0.03     | 3.766 | 0.016     | 0.013     | 0         | 52.5 | 52.9 | 0    | 148        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 16   | 41     | 7      | 1.335     | 0.016     | 3.763 | 0.013     | 0.01      | 0         | 52.9 | 52.5 | 0    | 149        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 16   | 51     | 7      | 1.332     | 0.02      | 3.763 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 17   | 1      | 7      | 1.358     | 0.056     | 3.763 | 0.016     | 0.013     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 17   | 11     | 7      | 1.348     | 0.003     | 3.763 | 0.01      | 0.007     | 0         | 52.9 | 52.5 | 0    | 149        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 17   | 21     | 7      | 1.352     | 0.033     | 3.76  | 0.016     | 0.013     | 0         | 52.5 | 52.5 | 0    | 149        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 17   | 31     | 7      | 1.348     | 0.036     | 3.76  | 0.016     | 0.013     | 0         | 52.5 | 53.3 | 0    | 149        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 10  | 17   | 41     | 7      | 1.358     | 0.013     | 3.76  | 0.016     | 0.013     | 0         | 52.5 | 52.9 | 0    | 149        | 149        | 0          | 27     | 26     |
| 2009 | 6     | 10  | 17   | 51     | 7      | 1.299     | 0.089     | 3.76  | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 149        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 18   | 1      | 7      | 1.342     | 0.033     | 3.76  | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 0    | 149        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 10  | 18   | 11     | 7      | 1.355     | -0.016    | 3.757 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 18   | 21     | 7      | 1.325     | 0.039     | 3.757 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 0    | 149        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 18   | 31     | 7      | 1.325     | 0.039     | 3.757 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 149        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 18   | 41     | 7      | 1.302     | 0.059     | 3.757 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 0    | 150        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 10  | 18   | 51     | 7      | 1.325     | 0.039     | 3.757 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 19   | 1      | 7      | 1.316     | 0.013     | 3.757 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 19   | 11     | 7      | 1.342     | 0.062     | 3.753 | 0.013     | 0.01      | 0         | 53.3 | 52.9 | 0    | 150        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 19   | 21     | 7      | 1.362     | 0.016     | 3.753 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 19   | 31     | 7      | 1.329     | 0.007     | 3.75  | 0.016     | 0.013     | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 19   | 41     | 7      | 1.335     | 0.016     | 3.753 | 0.016     | 0.016     | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 19   | 51     | 7      | 1.312     | -0.007    | 3.75  | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 0    | 150        | 151        | 0          | 27     | 26     |
| 2009 | 6     | 10  | 20   | 1      | 7      | 1.345     | 0.052     | 3.75  | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 20   | 11     | 7      | 1.325     | 0.066     | 3.75  | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 20   | 21     | 7      | 1.299     | 0.023     | 3.747 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 150        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 20   | 31     | 7      | 1.306     | 0.066     | 3.747 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 20   | 41     | 7      | 1.342     | 0.003     | 3.747 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 150        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 20   | 51     | 7      | 1.339     | 0.016     | 3.747 | 0.016     | 0.013     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 21   | 1      | 7      | 1.312     | -0.043    | 3.743 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 150        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 21   | 11     | 7      | 1.293     | 0.059     | 3.743 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 151        | 0          | 27     | 26     |
| 2009 | 6     | 10  | 21   | 21     | 7      | 1.309     | -0.01     | 3.743 | 0.01      | 0.007     | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 21   | 31     | 7      | 1.325     | 0.02      | 3.74  | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 21   | 41     | 7      | 1.339     | 0         | 3.737 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 150        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 21   | 51     | 7      | 1.332     | 0.013     | 3.737 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 150        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 22   | 1      | 7      | 1.335     | 0.03      | 3.737 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 22   | 11     | 7      | 1.312     | 0.033     | 3.737 | 0.01      | 0.007     | 0         | 53.3 | 52.9 | 0    | 150        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 22   | 21     | 7      | 1.345     | 0.01      | 3.734 | 0.01      | 0.007     | 0         | 53.3 | 52.9 | 0    | 150        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 22   | 31     | 7      | 1.335     | -0.01     | 3.73  | 0.013     | 0.01      | 0         | 53.3 | 52.9 | 0    | 150        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 22   | 41     | 7      | 1.325     | 0.013     | 3.73  | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 0    | 149        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 10  | 22   | 51     | 7      | 1.339     | 0.043     | 3.727 | 0.01      | 0.007     | 0         | 53.3 | 52.9 | 0    | 150        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 23   | 1      | 7      | 1.309     | -0.039    | 3.73  | 0.016     | 0.013     | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 23   | 11     | 7      | 1.322     | 0.03      | 3.727 | 0.01      | 0.007     | 0         | 53.3 | 52.9 | 0    | 150        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 10  | 23   | 21     | 7      | 1.342     | 0.046     | 3.724 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 23   | 31     | 7      | 1.312     | 0.043     | 3.727 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 150        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 10  | 23   | 41     | 7      | 1.309     | 0.049     | 3.724 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 10  | 23   | 51     | 7      | 1.322     | 0.02      | 3.724 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 150        | 150        | 0          | 26     | 26     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 11  | 0    | 1      | 7      | 1.342     | 0.03      | 3.724 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 0    | 149        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 11  | 0    | 11     | 7      | 1.358     | 0.023     | 3.72  | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 0    | 21     | 7      | 1.325     | 0.02      | 3.72  | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 0    | 31     | 7      | 1.322     | 0.007     | 3.72  | 0.01      | 0.007     | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 0    | 41     | 7      | 1.348     | 0.01      | 3.72  | 0.016     | 0.013     | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 0    | 51     | 7      | 1.28      | 0.03      | 3.717 | 0.016     | 0.013     | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 1    | 1      | 7      | 1.296     | 0.066     | 3.717 | 0.01      | 0.007     | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 1    | 11     | 7      | 1.355     | 0         | 3.717 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 1    | 21     | 7      | 1.312     | 0.016     | 3.717 | 0.016     | 0.016     | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 1    | 31     | 7      | 1.365     | 0.016     | 3.717 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 1    | 41     | 7      | 1.306     | 0.036     | 3.714 | 0.016     | 0.016     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 1    | 51     | 7      | 1.312     | 0.036     | 3.714 | 0.013     | 0.01      | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 2    | 1      | 7      | 1.342     | 0.023     | 3.714 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 2    | 11     | 7      | 1.329     | 0.072     | 3.714 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 2    | 21     | 7      | 1.293     | 0.049     | 3.714 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 2    | 31     | 7      | 1.302     | -0.01     | 3.714 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 2    | 41     | 7      | 1.345     | 0.01      | 3.714 | 0.013     | 0.01      | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 2    | 51     | 7      | 1.276     | 0.036     | 3.711 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 3    | 1      | 7      | 1.319     | 0.039     | 3.711 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 3    | 11     | 7      | 1.319     | 0.003     | 3.711 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 3    | 21     | 7      | 1.322     | 0.043     | 3.711 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 0    | 151        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 11  | 3    | 31     | 7      | 1.329     | 0.013     | 3.711 | 0.01      | 0.007     | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 3    | 41     | 7      | 1.332     | -0.016    | 3.707 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 3    | 51     | 7      | 1.306     | 0         | 3.707 | 0.016     | 0.013     | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 4    | 1      | 7      | 1.312     | -0.016    | 3.707 | 0.013     | 0.01      | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 4    | 11     | 7      | 1.293     | 0.089     | 3.707 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 4    | 21     | 7      | 1.325     | 0.003     | 3.707 | 0.013     | 0.01      | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 4    | 31     | 7      | 1.306     | 0.049     | 3.707 | 0.016     | 0.013     | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 4    | 41     | 7      | 1.316     | 0.052     | 3.704 | 0.016     | 0.013     | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 4    | 51     | 7      | 1.329     | 0.01      | 3.707 | 0.013     | 0.01      | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 5    | 1      | 7      | 1.306     | 0.049     | 3.704 | 0.013     | 0.01      | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 5    | 11     | 7      | 1.286     | 0.013     | 3.704 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 5    | 21     | 7      | 1.325     | 0         | 3.701 | 0.02      | 0.016     | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 5    | 31     | 7      | 1.299     | 0.026     | 3.701 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 5    | 41     | 7      | 1.322     | 0.056     | 3.701 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 5    | 51     | 7      | 1.299     | -0.013    | 3.698 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 6    | 1      | 7      | 1.339     | 0.056     | 3.698 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 0    | 151        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 11  | 6    | 11     | 7      | 1.335     | 0.003     | 3.698 | 0.013     | 0.01      | 0         | 53.8 | 53.3 | 0    | 152        | 152        | 0          | 27     | 28     |
| 2009 | 6     | 11  | 6    | 21     | 7      | 1.316     | 0.007     | 3.694 | 0.016     | 0.013     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 6    | 31     | 7      | 1.283     | 0.026     | 3.691 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 6    | 41     | 7      | 1.296     | 0.052     | 3.694 | 0.01      | 0.007     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 6    | 51     | 7      | 1.309     | 0.039     | 3.688 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 7    | 1      | 7      | 1.299     | 0.036     | 3.688 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 7    | 11     | 7      | 1.329     | 0.046     | 3.688 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 0    | 152        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 11  | 7    | 21     | 7      | 1.276     | 0.052     | 3.684 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 7    | 31     | 7      | 1.335     | -0.01     | 3.684 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 7    | 41     | 7      | 1.302     | 0.049     | 3.684 | 0.016     | 0.013     | 0         | 54.2 | 53.3 | 0    | 152        | 152        | 0          | 26     | 28     |
| 2009 | 6     | 11  | 7    | 51     | 7      | 1.27      | 0.023     | 3.681 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 11  | 8    | 1      | 7      | 1.293     | 0.049     | 3.678 | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 8    | 11     | 7      | 1.342     | -0.01     | 3.678 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 151        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 8    | 21     | 7      | 1.296     | 0         | 3.678 | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 8    | 31     | 7      | 1.309     | 0.056     | 3.678 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 8    | 41     | 7      | 1.322     | 0         | 3.678 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 8    | 51     | 7      | 1.302     | 0.02      | 3.678 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 9    | 1      | 7      | 1.293     | 0.049     | 3.675 | 0.016     | 0.013     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 9    | 11     | 7      | 1.335     | 0.049     | 3.675 | 0.013     | 0.01      | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 9    | 21     | 7      | 1.345     | 0.046     | 3.675 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 9    | 31     | 7      | 1.286     | 0.003     | 3.671 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 9    | 41     | 7      | 1.309     | -0.02     | 3.671 | 0.016     | 0.016     | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 9    | 51     | 7      | 1.312     | 0.075     | 3.671 | 0.01      | 0.007     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 10   | 1      | 7      | 1.273     | 0         | 3.671 | 0.016     | 0.013     | 0         | 52.9 | 53.8 | 0    | 150        | 151        | 0          | 27     | 26     |
| 2009 | 6     | 11  | 10   | 11     | 7      | 1.306     | -0.007    | 3.671 | 0.016     | 0.013     | 0         | 52.9 | 53.8 | 0    | 150        | 151        | 0          | 27     | 26     |
| 2009 | 6     | 11  | 10   | 21     | 7      | 1.276     | 0.039     | 3.671 | 0.016     | 0.013     | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 10   | 31     | 7      | 1.273     | 0.013     | 3.668 | 0.016     | 0.013     | 0         | 53.3 | 53.3 | 0    | 150        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 10   | 41     | 7      | 1.309     | 0.039     | 3.668 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 10   | 51     | 7      | 1.302     | 0.023     | 3.668 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 11   | 1      | 7      | 1.302     | -0.026    | 3.665 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 11   | 11     | 7      | 1.28      | 0.039     | 3.665 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 11   | 21     | 7      | 1.316     | -0.003    | 3.661 | 0.013     | 0.01      | 0         | 53.3 | 52.9 | 0    | 150        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 11   | 31     | 7      | 1.312     | 0.023     | 3.658 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 150        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 11   | 41     | 7      | 1.26      | 0         | 3.658 | 0.01      | 0.007     | 0         | 53.3 | 52.9 | 0    | 150        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 11   | 51     | 7      | 1.286     | 0         | 3.655 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 0    | 149        | 150        | 0          | 27     | 26     |
| 2009 | 6     | 11  | 12   | 1      | 7      | 1.296     | 0.003     | 3.652 | 0.013     | 0.01      | 0         | 52.9 | 52.5 | 0    | 149        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 12   | 11     | 7      | 1.299     | 0.01      | 3.648 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 149        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 12   | 21     | 7      | 1.243     | 0.03      | 3.652 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 149        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 12   | 31     | 7      | 1.276     | 0.01      | 3.648 | 0.013     | 0.01      | 0         | 52.9 | 52.5 | 0    | 149        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 12   | 41     | 7      | 1.273     | 0.016     | 3.645 | 0.013     | 0.01      | 0         | 52.5 | 52.5 | 0    | 149        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 12   | 51     | 7      | 1.299     | 0.079     | 3.645 | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 0    | 149        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 13   | 1      | 7      | 1.316     | -0.013    | 3.645 | 0.016     | 0.013     | 0         | 52.9 | 52.9 | 0    | 149        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 13   | 11     | 7      | 1.25      | 0.023     | 3.642 | 0.016     | 0.013     | 0         | 52.9 | 52.9 | 0    | 149        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 13   | 21     | 7      | 1.283     | 0.036     | 3.642 | 0.013     | 0.01      | 0         | 52   | 52.5 | 0    | 148        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 13   | 31     | 7      | 1.28      | 0.046     | 3.642 | 0.016     | 0.013     | 0         | 52.9 | 52.9 | 0    | 149        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 13   | 41     | 7      | 1.243     | 0.039     | 3.642 | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 0    | 149        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 13   | 51     | 7      | 1.296     | 0.046     | 3.642 | 0.016     | 0.013     | 0         | 52.5 | 52.5 | 0    | 149        | 149        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 14   | 1      | 7      | 1.26      | -0.01     | 3.638 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 149        | 149        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 14   | 11     | 7      | 1.296     | -0.026    | 3.638 | 0.016     | 0.013     | 0         | 52.9 | 52.5 | 0    | 149        | 149        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 14   | 21     | 7      | 1.283     | 0         | 3.638 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 14   | 31     | 7      | 1.253     | -0.003    | 3.635 | 0.016     | 0.013     | 0         | 53.3 | 52.9 | 0    | 150        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 14   | 41     | 7      | 1.26      | 0.036     | 3.635 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 14   | 51     | 7      | 1.276     | 0.062     | 3.635 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 0    | 150        | 150        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 15   | 1      | 7      | 1.266     | 0         | 3.632 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 149        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 15   | 11     | 7      | 1.247     | 0         | 3.632 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 15   | 21     | 7      | 1.286     | 0.039     | 3.629 | 0.016     | 0.013     | 0         | 53.3 | 52.9 | 0    | 150        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 15   | 31     | 7      | 1.243     | 0.02      | 3.625 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 0    | 149        | 150        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 15   | 41     | 7      | 1.293     | 0.085     | 3.619 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 15   | 51     | 7      | 1.283     | -0.007    | 3.619 | 0.016     | 0.013     | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 11  | 16   | 1      | 7      | 1.243     | 0.02      | 3.619 | 0.016     | 0.013     | 0         | 53.3 | 53.3 | 0    | 150        | 150        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 16   | 11     | 7      | 1.253     | 0.01      | 3.615 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 16   | 21     | 7      | 1.25      | 0.03      | 3.615 | 0.01      | 0.007     | 0         | 54.2 | 53.3 | 0    | 151        | 151        | 0          | 25     | 27     |
| 2009 | 6     | 11  | 16   | 31     | 7      | 1.276     | 0.026     | 3.612 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 16   | 41     | 7      | 1.276     | 0.013     | 3.609 | 0.01      | 0.007     | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 16   | 51     | 7      | 1.276     | -0.007    | 3.609 | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 0    | 150        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 17   | 1      | 7      | 1.26      | 0.003     | 3.609 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 17   | 11     | 7      | 1.25      | 0.049     | 3.606 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 17   | 21     | 7      | 1.266     | -0.01     | 3.606 | 0.016     | 0.013     | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 17   | 31     | 7      | 1.237     | 0.01      | 3.606 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 17   | 41     | 7      | 1.289     | 0.039     | 3.602 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 151        | 0          | 27     | 26     |
| 2009 | 6     | 11  | 17   | 51     | 7      | 1.283     | 0         | 3.602 | 0.016     | 0.013     | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 18   | 1      | 7      | 1.276     | 0.085     | 3.602 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 18   | 11     | 7      | 1.286     | -0.01     | 3.602 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 151        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 18   | 21     | 7      | 1.243     | 0.046     | 3.599 | 0.01      | 0.007     | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 18   | 31     | 7      | 1.24      | 0.043     | 3.599 | 0.01      | 0.007     | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 18   | 41     | 7      | 1.273     | 0.072     | 3.599 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 0    | 151        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 18   | 51     | 7      | 1.27      | 0.023     | 3.596 | 0.013     | 0.01      | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 19   | 1      | 7      | 1.224     | 0.049     | 3.596 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 0    | 151        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 11  | 19   | 11     | 7      | 1.27      | 0.023     | 3.593 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 19   | 21     | 7      | 1.257     | 0.016     | 3.593 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 19   | 31     | 7      | 1.247     | -0.003    | 3.593 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 19   | 41     | 7      | 1.243     | 0.023     | 3.589 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 19   | 51     | 7      | 1.266     | 0.052     | 3.586 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 20   | 1      | 7      | 1.201     | 0.03      | 3.586 | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 20   | 11     | 7      | 1.243     | 0.023     | 3.583 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 20   | 21     | 7      | 1.273     | 0.003     | 3.579 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 152        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 11  | 20   | 31     | 7      | 1.247     | 0.023     | 3.579 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 20   | 41     | 7      | 1.27      | -0.003    | 3.576 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 20   | 51     | 7      | 1.217     | 0.013     | 3.573 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 0    | 152        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 11  | 21   | 1      | 7      | 1.257     | 0.056     | 3.573 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 21   | 11     | 7      | 1.25      | 0.026     | 3.57  | 0.01      | 0.007     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 21   | 21     | 7      | 1.257     | 0.026     | 3.57  | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 21   | 31     | 7      | 1.247     | 0         | 3.57  | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 21   | 41     | 7      | 1.266     | 0.043     | 3.566 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 11  | 21   | 51     | 7      | 1.25      | 0.01      | 3.566 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 0    | 152        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 11  | 22   | 1      | 7      | 1.22      | 0.02      | 3.566 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 22   | 11     | 7      | 1.207     | 0.033     | 3.563 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 22   | 21     | 7      | 1.22      | 0.03      | 3.563 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 22   | 31     | 7      | 1.273     | 0.01      | 3.563 | 0.01      | 0.007     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 22   | 41     | 7      | 1.257     | 0.007     | 3.563 | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 22   | 51     | 7      | 1.204     | 0.01      | 3.563 | 0.016     | 0.013     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 23   | 1      | 7      | 1.224     | 0.023     | 3.563 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 23   | 11     | 7      | 1.23      | 0.02      | 3.56  | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 23   | 21     | 7      | 1.257     | 0.049     | 3.56  | 0.016     | 0.016     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 11  | 23   | 31     | 7      | 1.273     | 0.036     | 3.56  | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 11  | 23   | 41     | 7      | 1.253     | 0.043     | 3.56  | 0.016     | 0.016     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 11  | 23   | 51     | 7      | 1.25      | 0.026     | 3.556 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 12  | 0    | 1      | 7      | 1.25      | 0.026     | 3.556 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 0    | 11     | 7      | 1.234     | 0.026     | 3.556 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 0    | 21     | 7      | 1.24      | 0.023     | 3.556 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 0    | 31     | 7      | 1.26      | 0.049     | 3.556 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 0    | 41     | 7      | 1.257     | 0.01      | 3.553 | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 0    | 51     | 7      | 1.217     | 0.01      | 3.553 | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 1    | 1      | 7      | 1.24      | 0.036     | 3.553 | 0.016     | 0.016     | 0         | 53.8 | 54.2 | 0    | 152        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 12  | 1    | 11     | 7      | 1.214     | -0.003    | 3.55  | 0.016     | 0.013     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 1    | 21     | 7      | 1.204     | 0.046     | 3.55  | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 1    | 31     | 7      | 1.247     | 0.02      | 3.55  | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 1    | 41     | 7      | 1.214     | 0.062     | 3.55  | 0.016     | 0.016     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 1    | 51     | 7      | 1.266     | -0.007    | 3.547 | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 2    | 1      | 7      | 1.247     | 0.039     | 3.543 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 2    | 11     | 7      | 1.214     | 0.052     | 3.543 | 0.016     | 0.013     | 0         | 54.2 | 53.3 | 0    | 152        | 152        | 0          | 26     | 28     |
| 2009 | 6     | 12  | 2    | 21     | 7      | 1.22      | 0.072     | 3.543 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 2    | 31     | 7      | 1.24      | 0.023     | 3.54  | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 2    | 41     | 7      | 1.247     | 0.023     | 3.54  | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 152        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 12  | 2    | 51     | 7      | 1.198     | 0.046     | 3.54  | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 3    | 1      | 7      | 1.217     | 0         | 3.537 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 3    | 11     | 7      | 1.266     | 0.013     | 3.537 | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 3    | 21     | 7      | 1.217     | 0.023     | 3.537 | 0.01      | 0.007     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 3    | 31     | 7      | 1.263     | 0.033     | 3.533 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 3    | 41     | 7      | 1.247     | 0.036     | 3.53  | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 3    | 51     | 7      | 1.227     | 0.066     | 3.53  | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 4    | 1      | 7      | 1.227     | 0.033     | 3.53  | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 4    | 11     | 7      | 1.25      | 0.052     | 3.527 | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 4    | 21     | 7      | 1.234     | -0.01     | 3.527 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 4    | 31     | 7      | 1.217     | 0.039     | 3.527 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 4    | 41     | 7      | 1.217     | 0.007     | 3.527 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 4    | 51     | 7      | 1.194     | 0.033     | 3.527 | 0.01      | 0.007     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 5    | 1      | 7      | 1.22      | 0.026     | 3.524 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 5    | 11     | 7      | 1.224     | 0.023     | 3.524 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 5    | 21     | 7      | 1.237     | 0.059     | 3.524 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 5    | 31     | 7      | 1.227     | 0.059     | 3.524 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 5    | 41     | 7      | 1.237     | 0.043     | 3.524 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 154        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 5    | 51     | 7      | 1.211     | 0.049     | 3.52  | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 12  | 6    | 1      | 7      | 1.188     | 0.052     | 3.52  | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 6    | 11     | 7      | 1.247     | 0.039     | 3.52  | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 6    | 21     | 7      | 1.26      | 0         | 3.52  | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 6    | 31     | 7      | 1.211     | 0.01      | 3.517 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 6    | 41     | 7      | 1.194     | 0.079     | 3.52  | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 6    | 51     | 7      | 1.234     | 0.013     | 3.517 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 7    | 1      | 7      | 1.247     | 0         | 3.517 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 12  | 7    | 11     | 7      | 1.299     | 0.023     | 3.517 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 7    | 21     | 7      | 1.181     | 0         | 3.517 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 7    | 31     | 7      | 1.217     | -0.01     | 3.517 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 7    | 41     | 7      | 1.198     | 0.013     | 3.514 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 7    | 51     | 7      | 1.207     | 0.02      | 3.514 | 0.016     | 0.013     | 0         | 54.2 | 53.8 | 0    | 153        | 153        | 0          | 27     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 12  | 8    | 1      | 7      | 1.207     | 0.003     | 3.514 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 8    | 11     | 7      | 1.204     | 0.023     | 3.514 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 8    | 21     | 7      | 1.237     | 0.095     | 3.514 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 8    | 31     | 7      | 1.175     | 0.039     | 3.514 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 8    | 41     | 7      | 1.217     | 0.016     | 3.514 | 0.01      | 0.007     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 8    | 51     | 7      | 1.178     | 0.023     | 3.514 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 9    | 1      | 7      | 1.23      | 0.007     | 3.51  | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 9    | 11     | 7      | 1.198     | 0.036     | 3.51  | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 9    | 21     | 7      | 1.194     | 0         | 3.51  | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 12  | 9    | 31     | 7      | 1.178     | 0.033     | 3.51  | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 0    | 152        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 12  | 9    | 41     | 7      | 1.227     | 0.033     | 3.507 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 9    | 51     | 7      | 1.23      | 0.02      | 3.507 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 10   | 1      | 7      | 1.204     | 0.003     | 3.507 | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 10   | 11     | 7      | 1.22      | 0.066     | 3.504 | 0.016     | 0.016     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 10   | 21     | 7      | 1.25      | 0.056     | 3.501 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 10   | 31     | 7      | 1.257     | -0.03     | 3.497 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 10   | 41     | 7      | 1.237     | -0.01     | 3.497 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 151        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 10   | 51     | 7      | 1.237     | 0.01      | 3.494 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 151        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 11   | 1      | 7      | 1.227     | 0.026     | 3.494 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 151        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 11   | 11     | 7      | 1.214     | -0.003    | 3.494 | 0.013     | 0.01      | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 11   | 21     | 7      | 1.201     | -0.01     | 3.491 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 0    | 150        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 11   | 31     | 7      | 1.224     | -0.007    | 3.491 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 151        | 0          | 27     | 26     |
| 2009 | 6     | 12  | 11   | 41     | 7      | 1.227     | -0.007    | 3.488 | 0.013     | 0.01      | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 11   | 51     | 7      | 1.227     | -0.026    | 3.488 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 12   | 1      | 7      | 1.224     | 0.007     | 3.488 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 151        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 12   | 11     | 7      | 1.204     | 0.036     | 3.488 | 0.013     | 0.01      | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 12   | 21     | 7      | 1.22      | 0.046     | 3.488 | 0.016     | 0.013     | 0         | 53.3 | 53.3 | 0    | 150        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 12   | 31     | 7      | 1.188     | 0.01      | 3.488 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 12   | 41     | 7      | 1.191     | 0.023     | 3.488 | 0.016     | 0.016     | 0         | 53.8 | 53.8 | 0    | 151        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 12   | 51     | 7      | 1.184     | 0.023     | 3.488 | 0.013     | 0.01      | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 13   | 1      | 7      | 1.214     | 0.052     | 3.484 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 151        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 13   | 11     | 7      | 1.22      | 0         | 3.484 | 0.013     | 0.01      | 0         | 54.2 | 53.3 | 0    | 151        | 151        | 0          | 25     | 27     |
| 2009 | 6     | 12  | 13   | 21     | 7      | 1.207     | 0.01      | 3.484 | 0.016     | 0.013     | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 13   | 31     | 7      | 1.188     | 0.049     | 3.481 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 13   | 41     | 7      | 1.224     | 0.026     | 3.484 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 13   | 51     | 7      | 1.207     | -0.026    | 3.481 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 151        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 14   | 1      | 7      | 1.211     | 0         | 3.481 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 14   | 11     | 7      | 1.181     | 0.013     | 3.478 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 151        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 14   | 21     | 7      | 1.178     | 0.023     | 3.478 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 14   | 31     | 7      | 1.161     | 0.033     | 3.478 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 14   | 41     | 7      | 1.178     | -0.03     | 3.478 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 14   | 51     | 7      | 1.132     | 0.003     | 3.471 | 0.016     | 0.013     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 15   | 1      | 7      | 1.155     | 0.033     | 3.471 | 0.016     | 0.016     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 15   | 11     | 7      | 1.175     | 0.026     | 3.471 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 15   | 21     | 7      | 1.198     | 0.007     | 3.471 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 15   | 31     | 7      | 1.158     | 0.046     | 3.471 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 15   | 41     | 7      | 1.165     | 0.069     | 3.468 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 15   | 51     | 7      | 1.198     | -0.01     | 3.468 | 0.016     | 0.016     | 0         | 54.2 | 53.3 | 0    | 152        | 152        | 0          | 26     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 12  | 16   | 1      | 7      | 1.184     | 0.036     | 3.468 | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 16   | 11     | 7      | 1.184     | 0.01      | 3.461 | 0.016     | 0.016     | 0         | 53.8 | 54.2 | 0    | 151        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 16   | 21     | 7      | 1.194     | 0.039     | 3.461 | 0.016     | 0.016     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 16   | 31     | 7      | 1.188     | -0.007    | 3.458 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 12  | 16   | 41     | 7      | 1.158     | 0.089     | 3.461 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 16   | 51     | 7      | 1.168     | 0.052     | 3.458 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 17   | 1      | 7      | 1.181     | 0         | 3.458 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 0    | 152        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 12  | 17   | 11     | 7      | 1.201     | 0.036     | 3.458 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 17   | 21     | 7      | 1.191     | 0.023     | 3.451 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 17   | 31     | 7      | 1.135     | 0         | 3.451 | 0.016     | 0.016     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 17   | 41     | 7      | 1.171     | 0         | 3.451 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 17   | 51     | 7      | 1.191     | 0.052     | 3.451 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 18   | 1      | 7      | 1.175     | 0.069     | 3.448 | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 18   | 11     | 7      | 1.178     | 0.02      | 3.448 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 18   | 21     | 7      | 1.148     | 0.007     | 3.448 | 0.016     | 0.016     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 18   | 31     | 7      | 1.178     | 0.003     | 3.445 | 0.01      | 0.007     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 18   | 41     | 7      | 1.188     | 0.062     | 3.445 | 0.016     | 0.013     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 18   | 51     | 7      | 1.178     | 0.02      | 3.445 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 19   | 1      | 7      | 1.165     | 0.059     | 3.445 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 19   | 11     | 7      | 1.201     | 0.01      | 3.445 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 0    | 152        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 12  | 19   | 21     | 7      | 1.171     | 0.043     | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 19   | 31     | 7      | 1.171     | 0         | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 19   | 41     | 7      | 1.184     | 0.023     | 3.442 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 0    | 152        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 12  | 19   | 51     | 7      | 1.191     | 0         | 3.442 | 0.016     | 0.016     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 20   | 1      | 7      | 1.161     | 0.046     | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 20   | 11     | 7      | 1.171     | -0.043    | 3.438 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 20   | 21     | 7      | 1.171     | 0.052     | 3.438 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 20   | 31     | 7      | 1.191     | 0.039     | 3.438 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 12  | 20   | 41     | 7      | 1.171     | 0.007     | 3.438 | 0.016     | 0.016     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 20   | 51     | 7      | 1.161     | 0.036     | 3.438 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 21   | 1      | 7      | 1.184     | 0.033     | 3.435 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 21   | 11     | 7      | 1.155     | 0.013     | 3.435 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 21   | 21     | 7      | 1.184     | 0.01      | 3.435 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 21   | 31     | 7      | 1.184     | -0.013    | 3.435 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 21   | 41     | 7      | 1.188     | 0.046     | 3.435 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 21   | 51     | 7      | 1.161     | 0.01      | 3.435 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 22   | 1      | 7      | 1.211     | 0         | 3.432 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 12  | 22   | 11     | 7      | 1.178     | 0.039     | 3.432 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 22   | 21     | 7      | 1.122     | 0.043     | 3.432 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 22   | 31     | 7      | 1.181     | 0.007     | 3.428 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 12  | 22   | 41     | 7      | 1.165     | 0.016     | 3.428 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 22   | 51     | 7      | 1.184     | 0         | 3.428 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 23   | 1      | 7      | 1.178     | 0         | 3.425 | 0.016     | 0.016     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 23   | 11     | 7      | 1.171     | 0.026     | 3.428 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 23   | 21     | 7      | 1.125     | 0.052     | 3.425 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 12  | 23   | 31     | 7      | 1.142     | 0.016     | 3.425 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 23   | 41     | 7      | 1.148     | 0.007     | 3.422 | 0.016     | 0.016     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 12  | 23   | 51     | 7      | 1.181     | 0.03      | 3.425 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 13  | 0    | 1      | 7      | 1.138     | 0.023     | 3.419 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 13  | 0    | 11     | 7      | 1.184     | -0.007    | 3.419 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 0    | 21     | 7      | 1.171     | 0.01      | 3.422 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 0    | 31     | 7      | 1.168     | 0.01      | 3.415 | 0.016     | 0.013     | 0         | 54.2 | 55   | 0    | 153        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 13  | 0    | 41     | 7      | 1.161     | 0.036     | 3.419 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 0    | 51     | 7      | 1.161     | -0.01     | 3.415 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 1    | 1      | 7      | 1.194     | 0.023     | 3.415 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 1    | 11     | 7      | 1.194     | 0.016     | 3.415 | 0.01      | 0.007     | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 13  | 1    | 21     | 7      | 1.175     | -0.01     | 3.412 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 13  | 1    | 31     | 7      | 1.112     | -0.013    | 3.412 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 13  | 1    | 41     | 7      | 1.181     | 0.033     | 3.412 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 1    | 51     | 7      | 1.175     | 0.049     | 3.412 | 0.01      | 0.007     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 2    | 1      | 7      | 1.125     | 0.043     | 3.412 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 2    | 11     | 7      | 1.138     | 0.043     | 3.412 | 0.016     | 0.013     | 0         | 54.2 | 55   | 0    | 153        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 13  | 2    | 21     | 7      | 1.201     | 0.033     | 3.409 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 2    | 31     | 7      | 1.178     | 0.01      | 3.409 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 2    | 41     | 7      | 1.188     | 0.01      | 3.409 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 2    | 51     | 7      | 1.184     | 0.016     | 3.409 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 3    | 1      | 7      | 1.115     | 0.049     | 3.409 | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 3    | 11     | 7      | 1.145     | 0.03      | 3.409 | 0.01      | 0.007     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 3    | 21     | 7      | 1.178     | 0.059     | 3.409 | 0.016     | 0.016     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 3    | 31     | 7      | 1.142     | 0         | 3.409 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 3    | 41     | 7      | 1.132     | -0.016    | 3.409 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 3    | 51     | 7      | 1.165     | 0.023     | 3.409 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 4    | 1      | 7      | 1.155     | 0.066     | 3.406 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 4    | 11     | 7      | 1.184     | 0.016     | 3.406 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 4    | 21     | 7      | 1.175     | 0.013     | 3.406 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 4    | 31     | 7      | 1.148     | 0.036     | 3.406 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 4    | 41     | 7      | 1.148     | 0.013     | 3.406 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 4    | 51     | 7      | 1.142     | 0         | 3.406 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 5    | 1      | 7      | 1.109     | 0.039     | 3.406 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 5    | 11     | 7      | 1.138     | 0.02      | 3.402 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 5    | 21     | 7      | 1.145     | 0.013     | 3.406 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 5    | 31     | 7      | 1.165     | 0.02      | 3.406 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 5    | 41     | 7      | 1.158     | 0.046     | 3.402 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 5    | 51     | 7      | 1.145     | 0.02      | 3.402 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 6    | 1      | 7      | 1.194     | 0.043     | 3.402 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 6    | 11     | 7      | 1.148     | 0.036     | 3.402 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 154        | 154        | 0          | 27     | 28     |
| 2009 | 6     | 13  | 6    | 21     | 7      | 1.122     | 0.082     | 3.402 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 154        | 154        | 0          | 27     | 28     |
| 2009 | 6     | 13  | 6    | 31     | 7      | 1.145     | 0.023     | 3.402 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 6    | 41     | 7      | 1.135     | 0.023     | 3.402 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 6    | 51     | 7      | 1.165     | 0.046     | 3.402 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 13  | 7    | 1      | 7      | 1.181     | 0.062     | 3.402 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 7    | 11     | 7      | 1.184     | 0.02      | 3.402 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 7    | 21     | 7      | 1.148     | 0.02      | 3.402 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 7    | 31     | 7      | 1.165     | 0.052     | 3.402 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 7    | 41     | 7      | 1.188     | 0.039     | 3.399 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 7    | 51     | 7      | 1.184     | 0.007     | 3.402 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 13  | 8    | 1      | 7      | 1.125     | 0.039     | 3.402 | 0.016     | 0.016     | 0         | 53.8 | 54.6 | 0    | 152        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 13  | 8    | 11     | 7      | 1.132     | 0.026     | 3.399 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 8    | 21     | 7      | 1.145     | 0.043     | 3.399 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 8    | 31     | 7      | 1.165     | 0.039     | 3.399 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 13  | 8    | 41     | 7      | 1.155     | 0.046     | 3.402 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 8    | 51     | 7      | 1.106     | 0.056     | 3.399 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 9    | 1      | 7      | 1.142     | 0.066     | 3.399 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 152        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 13  | 9    | 11     | 7      | 1.158     | 0.03      | 3.399 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 9    | 21     | 7      | 1.158     | -0.01     | 3.399 | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 9    | 31     | 7      | 1.132     | 0.02      | 3.399 | 0.016     | 0.013     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 9    | 41     | 7      | 1.138     | 0.013     | 3.399 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 9    | 51     | 7      | 1.138     | 0.062     | 3.399 | 0.01      | 0.007     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 10   | 1      | 7      | 1.181     | -0.01     | 3.399 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 10   | 11     | 7      | 1.132     | 0.03      | 3.399 | 0.016     | 0.013     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 10   | 21     | 7      | 1.145     | 0.062     | 3.399 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 10   | 31     | 7      | 1.142     | 0.082     | 3.399 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 10   | 41     | 7      | 1.175     | 0.03      | 3.399 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 10   | 51     | 7      | 1.155     | 0.066     | 3.399 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 13  | 11   | 1      | 7      | 1.165     | 0.03      | 3.399 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 11   | 11     | 7      | 1.142     | 0         | 3.399 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 11   | 21     | 7      | 1.155     | 0.046     | 3.399 | 0.016     | 0.013     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 11   | 31     | 7      | 1.165     | 0.066     | 3.396 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 11   | 41     | 7      | 1.155     | 0.026     | 3.396 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 11   | 51     | 7      | 1.175     | 0.007     | 3.396 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 12   | 1      | 7      | 1.129     | 0.056     | 3.399 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 12   | 11     | 7      | 1.184     | 0.003     | 3.396 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 12   | 21     | 7      | 1.145     | 0.052     | 3.396 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 12   | 31     | 7      | 1.171     | 0.01      | 3.396 | 0.013     | 0.01      | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 12   | 41     | 7      | 1.125     | 0.066     | 3.396 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 0    | 151        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 13  | 12   | 51     | 7      | 1.168     | 0.02      | 3.392 | 0.016     | 0.016     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 13   | 1      | 7      | 1.158     | 0.02      | 3.396 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 13   | 11     | 7      | 1.125     | 0.036     | 3.392 | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 13   | 21     | 7      | 1.158     | 0.007     | 3.389 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 13  | 13   | 31     | 7      | 1.145     | 0.046     | 3.386 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 13   | 41     | 7      | 1.168     | 0.052     | 3.386 | 0.016     | 0.016     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 13   | 51     | 7      | 1.135     | 0.026     | 3.386 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 14   | 1      | 7      | 1.145     | 0.066     | 3.386 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 14   | 11     | 7      | 1.161     | 0.01      | 3.386 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 14   | 21     | 7      | 1.145     | 0.016     | 3.392 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 14   | 31     | 7      | 1.135     | -0.02     | 3.383 | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 14   | 41     | 7      | 1.135     | 0.026     | 3.386 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 14   | 51     | 7      | 1.161     | -0.003    | 3.386 | 0.016     | 0.013     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 15   | 1      | 7      | 1.201     | 0.023     | 3.383 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 13  | 15   | 11     | 7      | 1.171     | 0.007     | 3.386 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 15   | 21     | 7      | 1.145     | 0.049     | 3.379 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 15   | 31     | 7      | 1.148     | 0.007     | 3.383 | 0.02      | 0.016     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 15   | 41     | 7      | 1.125     | 0.003     | 3.379 | 0.013     | 0.01      | 0         | 54.2 | 49.9 | 0    | 153        | 142        | 0          | 27     | 26     |
| 2009 | 6     | 13  | 15   | 51     | 7      | 1.132     | 0.02      | 3.376 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 13  | 16   | 1      | 7      | 1.142     | 0.043     | 3.376 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 16   | 11     | 7      | 1.155     | 0         | 3.379 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 16   | 21     | 7      | 1.145     | -0.016    | 3.376 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 16   | 31     | 7      | 1.168     | -0.003    | 3.376 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 16   | 41     | 7      | 1.109     | 0.003     | 3.373 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 16   | 51     | 7      | 1.155     | 0.026     | 3.376 | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 17   | 1      | 7      | 1.145     | 0.03      | 3.373 | 0.016     | 0.016     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 17   | 11     | 7      | 1.165     | 0.007     | 3.369 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 13  | 17   | 21     | 7      | 1.125     | 0.036     | 3.373 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 17   | 31     | 7      | 1.158     | 0.036     | 3.369 | 0.01      | 0.007     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 17   | 41     | 7      | 1.145     | 0.059     | 3.369 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 17   | 51     | 7      | 1.155     | 0.052     | 3.369 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 18   | 1      | 7      | 1.135     | 0.03      | 3.369 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 18   | 11     | 7      | 1.155     | 0.026     | 3.369 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 18   | 21     | 7      | 1.129     | 0.023     | 3.369 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 18   | 31     | 7      | 1.158     | 0.039     | 3.369 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 18   | 41     | 7      | 1.132     | 0.049     | 3.369 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 18   | 51     | 7      | 1.083     | 0.052     | 3.369 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 19   | 1      | 7      | 1.102     | 0.052     | 3.369 | 0.02      | 0.016     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 19   | 11     | 7      | 1.171     | 0.003     | 3.369 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 19   | 21     | 7      | 1.119     | 0.003     | 3.369 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 13  | 19   | 31     | 7      | 1.132     | 0.066     | 3.369 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 19   | 41     | 7      | 1.175     | 0.01      | 3.366 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 19   | 51     | 7      | 1.102     | 0.026     | 3.369 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 20   | 1      | 7      | 1.132     | 0.023     | 3.369 | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 20   | 11     | 7      | 1.148     | 0.049     | 3.366 | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 155        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 20   | 21     | 7      | 1.099     | 0.023     | 3.366 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 20   | 31     | 7      | 1.106     | 0.049     | 3.366 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 20   | 41     | 7      | 1.135     | 0.046     | 3.366 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 20   | 51     | 7      | 1.165     | 0         | 3.366 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 21   | 1      | 7      | 1.112     | -0.013    | 3.366 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 21   | 11     | 7      | 1.125     | 0.023     | 3.366 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 21   | 21     | 7      | 1.106     | 0.023     | 3.366 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 21   | 31     | 7      | 1.115     | 0.039     | 3.366 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 21   | 41     | 7      | 1.109     | 0.026     | 3.363 | 0.013     | 0.01      | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 21   | 51     | 7      | 1.125     | 0.033     | 3.363 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 22   | 1      | 7      | 1.086     | 0.079     | 3.363 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 22   | 11     | 7      | 1.168     | 0.052     | 3.363 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 22   | 21     | 7      | 1.132     | 0.023     | 3.363 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 13  | 22   | 31     | 7      | 1.145     | 0.056     | 3.363 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 156        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 13  | 22   | 41     | 7      | 1.145     | 0.02      | 3.363 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 22   | 51     | 7      | 1.138     | 0.036     | 3.363 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 23   | 1      | 7      | 1.155     | 0.036     | 3.363 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 23   | 11     | 7      | 1.148     | 0.069     | 3.363 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 23   | 21     | 7      | 1.132     | 0.043     | 3.363 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 23   | 31     | 7      | 1.119     | 0.046     | 3.36  | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 13  | 23   | 41     | 7      | 1.119     | 0.026     | 3.363 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 13  | 23   | 51     | 7      | 1.148     | 0.066     | 3.36  | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 14  | 0    | 1      | 7      | 1.112     | 0.052     | 3.363 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 14  | 0    | 11     | 7      | 1.119     | 0.036     | 3.363 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 154        | 154        | 0          | 27     | 28     |
| 2009 | 6     | 14  | 0    | 21     | 7      | 1.129     | 0.003     | 3.363 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 0    | 31     | 7      | 1.106     | 0.056     | 3.36  | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 0    | 41     | 7      | 1.125     | 0.049     | 3.36  | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 14  | 0    | 51     | 7      | 1.178     | 0         | 3.36  | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 1    | 1      | 7      | 1.129     | -0.013    | 3.36  | 0.016     | 0.016     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 1    | 11     | 7      | 1.119     | 0.039     | 3.36  | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 155        | 0          | 27     | 28     |
| 2009 | 6     | 14  | 1    | 21     | 7      | 1.129     | 0.013     | 3.36  | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 1    | 31     | 7      | 1.142     | 0         | 3.36  | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 1    | 41     | 7      | 1.168     | -0.016    | 3.36  | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 1    | 51     | 7      | 1.099     | 0.039     | 3.36  | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 155        | 155        | 0          | 27     | 28     |
| 2009 | 6     | 14  | 2    | 1      | 7      | 1.102     | 0.095     | 3.36  | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 2    | 11     | 7      | 1.155     | 0.013     | 3.36  | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 2    | 21     | 7      | 1.119     | 0.069     | 3.36  | 0.016     | 0.016     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 2    | 31     | 7      | 1.129     | 0.066     | 3.36  | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 2    | 41     | 7      | 1.076     | 0.049     | 3.36  | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 2    | 51     | 7      | 1.129     | 0.039     | 3.356 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 3    | 1      | 7      | 1.155     | 0.007     | 3.36  | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 3    | 11     | 7      | 1.135     | 0.049     | 3.36  | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 155        | 155        | 0          | 27     | 28     |
| 2009 | 6     | 14  | 3    | 21     | 7      | 1.142     | 0         | 3.36  | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 3    | 31     | 7      | 1.096     | 0.013     | 3.356 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 3    | 41     | 7      | 1.112     | 0.069     | 3.36  | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 3    | 51     | 7      | 1.181     | 0.003     | 3.36  | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 4    | 1      | 7      | 1.138     | 0.036     | 3.356 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 4    | 11     | 7      | 1.132     | -0.043    | 3.356 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 4    | 21     | 7      | 1.168     | 0.026     | 3.356 | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 4    | 31     | 7      | 1.102     | 0.023     | 3.356 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 4    | 41     | 7      | 1.184     | -0.013    | 3.356 | 0.016     | 0.016     | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 4    | 51     | 7      | 1.142     | 0.01      | 3.356 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 154        | 154        | 0          | 27     | 28     |
| 2009 | 6     | 14  | 5    | 1      | 7      | 1.109     | 0.043     | 3.356 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 5    | 11     | 7      | 1.132     | 0.079     | 3.356 | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 155        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 5    | 21     | 7      | 1.135     | 0.036     | 3.356 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 5    | 31     | 7      | 1.115     | 0.056     | 3.356 | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 155        | 155        | 0          | 27     | 28     |
| 2009 | 6     | 14  | 5    | 41     | 7      | 1.138     | 0.016     | 3.356 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 5    | 51     | 7      | 1.066     | 0.023     | 3.356 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 6    | 1      | 7      | 1.129     | 0.016     | 3.356 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 6    | 11     | 7      | 1.122     | 0.066     | 3.356 | 0.016     | 0.016     | 0         | 55.5 | 54.6 | 0    | 155        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 6    | 21     | 7      | 1.099     | 0.03      | 3.356 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 6    | 31     | 7      | 1.138     | 0.066     | 3.356 | 0.016     | 0.013     | 0         | 55.5 | 54.6 | 0    | 155        | 155        | 0          | 26     | 28     |
| 2009 | 6     | 14  | 6    | 41     | 7      | 1.122     | 0.039     | 3.356 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 6    | 51     | 7      | 1.086     | 0.092     | 3.356 | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 155        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 7    | 1      | 7      | 1.122     | 0.03      | 3.356 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 7    | 11     | 7      | 1.115     | 0.062     | 3.356 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 7    | 21     | 7      | 1.138     | 0         | 3.356 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 154        | 154        | 0          | 27     | 28     |
| 2009 | 6     | 14  | 7    | 31     | 7      | 1.119     | 0.049     | 3.356 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 7    | 41     | 7      | 1.106     | 0.026     | 3.356 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 7    | 51     | 7      | 1.138     | 0.023     | 3.356 | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 14  | 8    | 1      | 7      | 1.129     | 0.007     | 3.356 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 154        | 154        | 0          | 27     | 28     |
| 2009 | 6     | 14  | 8    | 11     | 7      | 1.119     | 0.02      | 3.356 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 8    | 21     | 7      | 1.109     | 0.026     | 3.356 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 8    | 31     | 7      | 1.106     | -0.01     | 3.356 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 8    | 41     | 7      | 1.125     | -0.003    | 3.356 | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 8    | 51     | 7      | 1.109     | 0.036     | 3.356 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 9    | 1      | 7      | 1.119     | 0.052     | 3.356 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 9    | 11     | 7      | 1.158     | 0.01      | 3.356 | 0.01      | 0.007     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 9    | 21     | 7      | 1.145     | 0.023     | 3.356 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 9    | 31     | 7      | 1.152     | 0.043     | 3.356 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 9    | 41     | 7      | 1.132     | 0.062     | 3.356 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 9    | 51     | 7      | 1.129     | 0.023     | 3.356 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 10   | 1      | 7      | 1.086     | 0.049     | 3.356 | 0.016     | 0.016     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 10   | 11     | 7      | 1.106     | 0.003     | 3.356 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 153        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 10   | 21     | 7      | 1.155     | 0.01      | 3.356 | 0.016     | 0.016     | 0         | 54.2 | 53.8 | 0    | 153        | 153        | 0          | 27     | 28     |
| 2009 | 6     | 14  | 10   | 31     | 7      | 1.076     | 0.01      | 3.356 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 10   | 41     | 7      | 1.102     | 0.033     | 3.356 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 10   | 51     | 7      | 1.158     | 0.013     | 3.356 | 0.016     | 0.016     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 11   | 1      | 7      | 1.109     | 0.007     | 3.356 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 11   | 11     | 7      | 1.145     | 0.013     | 3.356 | 0.02      | 0.016     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 11   | 21     | 7      | 1.122     | 0.01      | 3.356 | 0.016     | 0.016     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 14  | 11   | 31     | 7      | 1.148     | 0.013     | 3.356 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 11   | 41     | 7      | 1.115     | 0.026     | 3.356 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 0    | 151        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 11   | 51     | 7      | 1.138     | 0.046     | 3.36  | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 12   | 1      | 7      | 1.132     | 0.066     | 3.356 | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 0    | 151        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 12   | 11     | 7      | 1.135     | 0         | 3.356 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 12   | 21     | 7      | 1.138     | -0.013    | 3.356 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 12   | 31     | 7      | 1.112     | 0.046     | 3.356 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 14  | 12   | 41     | 7      | 1.145     | 0.013     | 3.356 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 12   | 51     | 7      | 1.129     | -0.02     | 3.356 | 0.016     | 0.016     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 13   | 1      | 7      | 1.125     | 0.115     | 3.356 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 13   | 11     | 7      | 1.115     | 0         | 3.353 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 14  | 13   | 21     | 7      | 1.135     | -0.026    | 3.353 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 13   | 31     | 7      | 1.145     | 0.013     | 3.353 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 13   | 41     | 7      | 1.109     | 0.02      | 3.35  | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 13   | 51     | 7      | 1.132     | 0.043     | 3.353 | 0.016     | 0.016     | 0         | 53.8 | 54.2 | 0    | 151        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 14  | 14   | 1      | 7      | 1.168     | 0.01      | 3.35  | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 0    | 151        | 151        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 14   | 11     | 7      | 1.165     | 0.016     | 3.35  | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 14   | 21     | 7      | 1.109     | 0.052     | 3.35  | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 14  | 14   | 31     | 7      | 1.112     | 0.039     | 3.346 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 14  | 14   | 41     | 7      | 1.07      | 0.092     | 3.35  | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 14   | 51     | 7      | 1.125     | 0.02      | 3.346 | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 15   | 1      | 7      | 1.161     | -0.013    | 3.346 | 0.016     | 0.016     | 0         | 53.8 | 54.2 | 0    | 152        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 15   | 11     | 7      | 1.145     | 0.033     | 3.343 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 15   | 21     | 7      | 1.129     | 0.033     | 3.346 | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 15   | 31     | 7      | 1.125     | 0.052     | 3.343 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 14  | 15   | 41     | 7      | 1.115     | 0.069     | 3.343 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 152        | 153        | 0          | 25     | 27     |
| 2009 | 6     | 14  | 15   | 51     | 7      | 1.138     | 0.039     | 3.343 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 14  | 16   | 1      | 7      | 1.106     | 0.026     | 3.346 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 16   | 11     | 7      | 1.089     | 0.062     | 3.343 | 0.016     | 0.016     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 16   | 21     | 7      | 1.135     | 0.023     | 3.343 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 16   | 31     | 7      | 1.099     | 0.013     | 3.34  | 0.02      | 0.016     | 0         | 53.8 | 54.6 | 0    | 152        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 16   | 41     | 7      | 1.119     | 0.069     | 3.343 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 14  | 16   | 51     | 7      | 1.109     | 0.033     | 3.34  | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 17   | 1      | 7      | 1.112     | -0.007    | 3.34  | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 17   | 11     | 7      | 1.138     | 0.023     | 3.343 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 17   | 21     | 7      | 1.138     | 0.023     | 3.34  | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 17   | 31     | 7      | 1.155     | 0.007     | 3.337 | 0.016     | 0.016     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 17   | 41     | 7      | 1.122     | 0.016     | 3.337 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 17   | 51     | 7      | 1.109     | 0         | 3.34  | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 18   | 1      | 7      | 1.135     | 0.043     | 3.34  | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 18   | 11     | 7      | 1.148     | 0         | 3.337 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 14  | 18   | 21     | 7      | 1.089     | 0.03      | 3.34  | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 14  | 18   | 31     | 7      | 1.106     | 0         | 3.337 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 18   | 41     | 7      | 1.152     | 0.036     | 3.337 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 18   | 51     | 7      | 1.161     | 0.01      | 3.337 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 19   | 1      | 7      | 1.099     | 0.013     | 3.337 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 19   | 11     | 7      | 1.093     | 0.085     | 3.337 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 19   | 21     | 7      | 1.129     | 0.069     | 3.337 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 19   | 31     | 7      | 1.142     | 0.036     | 3.333 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 14  | 19   | 41     | 7      | 1.115     | 0.023     | 3.337 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 19   | 51     | 7      | 1.129     | 0.062     | 3.337 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 20   | 1      | 7      | 1.135     | -0.01     | 3.337 | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 20   | 11     | 7      | 1.132     | 0.026     | 3.337 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 20   | 21     | 7      | 1.106     | 0.059     | 3.337 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 20   | 31     | 7      | 1.145     | 0.026     | 3.337 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 20   | 41     | 7      | 1.099     | 0.056     | 3.337 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 20   | 51     | 7      | 1.125     | 0.072     | 3.337 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 21   | 1      | 7      | 1.122     | 0.023     | 3.337 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 21   | 11     | 7      | 1.119     | 0.085     | 3.34  | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 14  | 21   | 21     | 7      | 1.099     | 0.052     | 3.34  | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 21   | 31     | 7      | 1.145     | 0.036     | 3.337 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 21   | 41     | 7      | 1.096     | 0.023     | 3.34  | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 14  | 21   | 51     | 7      | 1.112     | 0.026     | 3.34  | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 22   | 1      | 7      | 1.083     | 0.013     | 3.34  | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 22   | 11     | 7      | 1.109     | 0.046     | 3.337 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 14  | 22   | 21     | 7      | 1.142     | 0.023     | 3.34  | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 14  | 22   | 31     | 7      | 1.135     | 0.121     | 3.34  | 0.016     | 0.016     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 22   | 41     | 7      | 1.155     | 0.056     | 3.337 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 22   | 51     | 7      | 1.112     | 0.039     | 3.34  | 0.01      | 0.007     | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 23   | 1      | 7      | 1.089     | 0.059     | 3.34  | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 23   | 11     | 7      | 1.106     | 0.033     | 3.34  | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 14  | 23   | 21     | 7      | 1.106     | 0.033     | 3.34  | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 14  | 23   | 31     | 7      | 1.089     | 0.049     | 3.34  | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 14  | 23   | 41     | 7      | 1.138     | 0.023     | 3.34  | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 14  | 23   | 51     | 7      | 1.135     | 0.095     | 3.34  | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 15  | 0    | 1      | 7      | 1.083     | 0.03      | 3.343 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 0    | 11     | 7      | 1.125     | 0.066     | 3.343 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 15  | 0    | 21     | 7      | 1.132     | 0.092     | 3.34  | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 0    | 31     | 7      | 1.152     | 0.056     | 3.34  | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 0    | 41     | 7      | 1.106     | 0.069     | 3.343 | 0.02      | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 15  | 0    | 51     | 7      | 1.115     | 0.049     | 3.343 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 1    | 1      | 7      | 1.148     | 0.023     | 3.343 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 15  | 1    | 11     | 7      | 1.145     | 0.036     | 3.343 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 1    | 21     | 7      | 1.109     | 0         | 3.343 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 156        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 15  | 1    | 31     | 7      | 1.142     | 0.092     | 3.34  | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 15  | 1    | 41     | 7      | 1.138     | 0.043     | 3.343 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 1    | 51     | 7      | 1.086     | 0.043     | 3.346 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 2    | 1      | 7      | 1.119     | -0.02     | 3.343 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 2    | 11     | 7      | 1.158     | 0         | 3.343 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 2    | 21     | 7      | 1.138     | 0.033     | 3.346 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 2    | 31     | 7      | 1.102     | 0.036     | 3.346 | 0.01      | 0.007     | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 2    | 41     | 7      | 1.112     | 0         | 3.343 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 2    | 51     | 7      | 1.129     | 0.062     | 3.346 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 15  | 3    | 1      | 7      | 1.079     | 0.026     | 3.346 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 3    | 11     | 7      | 1.115     | 0.023     | 3.35  | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 3    | 21     | 7      | 1.138     | 0.072     | 3.35  | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 15  | 3    | 31     | 7      | 1.122     | 0.049     | 3.35  | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 3    | 41     | 7      | 1.138     | 0.02      | 3.35  | 0.01      | 0.007     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 3    | 51     | 7      | 1.129     | 0.079     | 3.346 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 15  | 4    | 1      | 7      | 1.109     | 0.066     | 3.35  | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 155        | 0          | 27     | 28     |
| 2009 | 6     | 15  | 4    | 11     | 7      | 1.093     | -0.007    | 3.35  | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 4    | 21     | 7      | 1.142     | 0.049     | 3.35  | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 4    | 31     | 7      | 1.125     | 0.069     | 3.35  | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 4    | 41     | 7      | 1.106     | 0.007     | 3.353 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 4    | 51     | 7      | 1.106     | 0.085     | 3.353 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 15  | 5    | 1      | 7      | 1.132     | 0.03      | 3.353 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 15  | 5    | 11     | 7      | 1.132     | 0.066     | 3.35  | 0.016     | 0.016     | 0         | 55.5 | 54.6 | 0    | 155        | 155        | 0          | 26     | 28     |
| 2009 | 6     | 15  | 5    | 21     | 7      | 1.089     | 0.069     | 3.35  | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 5    | 31     | 7      | 1.115     | 0.079     | 3.35  | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 5    | 41     | 7      | 1.109     | 0.01      | 3.353 | 0.016     | 0.013     | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 15  | 5    | 51     | 7      | 1.102     | 0.039     | 3.353 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 6    | 1      | 7      | 1.115     | 0.039     | 3.353 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 15  | 6    | 11     | 7      | 1.099     | 0.095     | 3.35  | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 6    | 21     | 7      | 1.099     | 0.026     | 3.35  | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 6    | 31     | 7      | 1.096     | 0.052     | 3.35  | 0.01      | 0.007     | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 6    | 41     | 7      | 1.089     | 0.03      | 3.353 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 6    | 51     | 7      | 1.115     | 0.039     | 3.35  | 0.013     | 0.01      | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 7    | 1      | 7      | 1.129     | 0.02      | 3.35  | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 7    | 11     | 7      | 1.109     | 0.023     | 3.353 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 7    | 21     | 7      | 1.125     | 0         | 3.353 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 7    | 31     | 7      | 1.112     | 0.072     | 3.353 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 7    | 41     | 7      | 1.115     | -0.013    | 3.353 | 0.01      | 0.007     | 0         | 55   | 54.6 | 0    | 155        | 155        | 0          | 27     | 28     |
| 2009 | 6     | 15  | 7    | 51     | 7      | 1.096     | 0.036     | 3.353 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 15  | 8    | 1      | 7      | 1.109     | 0.039     | 3.353 | 0.01      | 0.007     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 15  | 8    | 11     | 7      | 1.138     | 0.023     | 3.353 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 15  | 8    | 21     | 7      | 1.125     | 0.049     | 3.353 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 8    | 31     | 7      | 1.129     | 0.013     | 3.353 | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 8    | 41     | 7      | 1.125     | 0.016     | 3.35  | 0.016     | 0.016     | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 15  | 8    | 51     | 7      | 1.129     | -0.013    | 3.35  | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 9    | 1      | 7      | 1.129     | 0.039     | 3.35  | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 9    | 11     | 7      | 1.079     | 0.072     | 3.35  | 0.016     | 0.013     | 0         | 55.5 | 54.6 | 0    | 155        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 9    | 21     | 7      | 1.119     | 0.003     | 3.35  | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 9    | 31     | 7      | 1.106     | 0.069     | 3.35  | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 9    | 41     | 7      | 1.119     | 0.033     | 3.35  | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 9    | 51     | 7      | 1.093     | 0.036     | 3.35  | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 10   | 1      | 7      | 1.132     | 0.01      | 3.346 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 10   | 11     | 7      | 1.093     | 0.039     | 3.35  | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 10   | 21     | 7      | 1.093     | 0.016     | 3.346 | 0.016     | 0.016     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 10   | 31     | 7      | 1.122     | 0.01      | 3.346 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 10   | 41     | 7      | 1.106     | 0.059     | 3.346 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 10   | 51     | 7      | 1.152     | 0.026     | 3.343 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 11   | 1      | 7      | 1.125     | 0.016     | 3.346 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 15  | 11   | 11     | 7      | 1.129     | 0.046     | 3.34  | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 11   | 21     | 7      | 1.129     | 0.039     | 3.34  | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 15  | 11   | 31     | 7      | 1.115     | 0.049     | 3.34  | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 0    | 152        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 15  | 11   | 41     | 7      | 1.155     | 0.052     | 3.34  | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 11   | 51     | 7      | 1.06      | 0         | 3.34  | 0.01      | 0.007     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 12   | 1      | 7      | 1.115     | 0.036     | 3.34  | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 12   | 11     | 7      | 1.122     | 0.039     | 3.34  | 0.02      | 0.016     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 12   | 21     | 7      | 1.148     | 0.039     | 3.337 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 15  | 12   | 31     | 7      | 1.132     | 0.013     | 3.337 | 0.01      | 0.007     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 12   | 41     | 7      | 1.158     | 0.02      | 3.337 | 0.013     | 0.01      | 0         | 54.2 | 53.3 | 0    | 152        | 152        | 0          | 26     | 28     |
| 2009 | 6     | 15  | 12   | 51     | 7      | 1.135     | 0.026     | 3.337 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 15  | 13   | 1      | 7      | 1.109     | 0.02      | 3.337 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 13   | 11     | 7      | 1.129     | -0.007    | 3.337 | 0.016     | 0.016     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 13   | 21     | 7      | 1.093     | 0.059     | 3.34  | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 15  | 13   | 31     | 7      | 1.122     | 0.02      | 3.337 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 15  | 13   | 41     | 7      | 1.079     | 0.085     | 3.34  | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 0    | 152        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 15  | 13   | 51     | 7      | 1.115     | 0.036     | 3.337 | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 14   | 1      | 7      | 1.112     | 0.056     | 3.337 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 15  | 14   | 11     | 7      | 1.119     | 0         | 3.337 | 0.016     | 0.013     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 14   | 21     | 7      | 1.129     | 0.069     | 3.333 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 14   | 31     | 7      | 1.099     | -0.013    | 3.333 | 0.016     | 0.016     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 14   | 41     | 7      | 1.129     | 0.013     | 3.333 | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 14   | 51     | 7      | 1.119     | 0.049     | 3.337 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 15  | 15   | 1      | 7      | 1.125     | 0.023     | 3.333 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 15   | 11     | 7      | 1.129     | -0.003    | 3.333 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 15   | 21     | 7      | 1.112     | 0.108     | 3.337 | 0.016     | 0.016     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 15   | 31     | 7      | 1.086     | 0.082     | 3.337 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 15   | 41     | 7      | 1.119     | 0         | 3.333 | 0.016     | 0.016     | 0         | 54.2 | 53.8 | 0    | 152        | 153        | 0          | 26     | 28     |
| 2009 | 6     | 15  | 15   | 51     | 7      | 1.106     | 0.056     | 3.333 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 15  | 16   | 1      | 7      | 1.112     | 0.046     | 3.333 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 15  | 16   | 11     | 7      | 1.056     | 0.036     | 3.333 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 16   | 21     | 7      | 1.109     | 0.059     | 3.337 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 15  | 16   | 31     | 7      | 1.04      | 0.056     | 3.333 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 16   | 41     | 7      | 1.099     | 0.072     | 3.333 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 15  | 16   | 51     | 7      | 1.089     | 0.043     | 3.33  | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 15  | 17   | 1      | 7      | 1.142     | 0.036     | 3.33  | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 15  | 17   | 11     | 7      | 1.119     | 0.056     | 3.327 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 0    | 152        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 15  | 17   | 21     | 7      | 1.073     | 0.03      | 3.33  | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 17   | 31     | 7      | 1.083     | 0.079     | 3.33  | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 15  | 17   | 41     | 7      | 1.115     | 0.03      | 3.327 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 15  | 17   | 51     | 7      | 1.122     | 0.052     | 3.327 | 0.016     | 0.016     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 15  | 18   | 1      | 7      | 1.119     | 0.043     | 3.327 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 18   | 11     | 7      | 1.106     | 0.069     | 3.327 | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 18   | 21     | 7      | 1.096     | 0.075     | 3.327 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 18   | 31     | 7      | 1.089     | 0.02      | 3.327 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 18   | 41     | 7      | 1.115     | 0.03      | 3.323 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 15  | 18   | 51     | 7      | 1.063     | 0.092     | 3.323 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 19   | 1      | 7      | 1.125     | 0.003     | 3.323 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 15  | 19   | 11     | 7      | 1.106     | 0.069     | 3.32  | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 19   | 21     | 7      | 1.122     | 0.069     | 3.323 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 15  | 19   | 31     | 7      | 1.083     | 0.013     | 3.32  | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 19   | 41     | 7      | 1.106     | 0.079     | 3.323 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 19   | 51     | 7      | 1.102     | 0.039     | 3.323 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 20   | 1      | 7      | 1.089     | 0.036     | 3.32  | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 20   | 11     | 7      | 1.047     | 0.056     | 3.32  | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 15  | 20   | 21     | 7      | 1.083     | 0.056     | 3.32  | 0.016     | 0.016     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 15  | 20   | 31     | 7      | 1.076     | 0.013     | 3.317 | 0.01      | 0.007     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 15  | 20   | 41     | 7      | 1.089     | 0.039     | 3.32  | 0.016     | 0.016     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 15  | 20   | 51     | 7      | 1.106     | 0.023     | 3.32  | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 15  | 21   | 1      | 7      | 1.106     | 0.082     | 3.32  | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 21   | 11     | 7      | 1.096     | 0.016     | 3.32  | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 15  | 21   | 21     | 7      | 1.06      | 0.046     | 3.32  | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 21   | 31     | 7      | 1.112     | 0.052     | 3.317 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 21   | 41     | 7      | 1.093     | 0.043     | 3.317 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 156        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 15  | 21   | 51     | 7      | 1.102     | 0.03      | 3.317 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 22   | 1      | 7      | 1.086     | 0.039     | 3.317 | 0.016     | 0.016     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 22   | 11     | 7      | 1.07      | 0.016     | 3.317 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 22   | 21     | 7      | 1.086     | 0.026     | 3.317 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 15  | 22   | 31     | 7      | 1.138     | 0.023     | 3.317 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 15  | 22   | 41     | 7      | 1.112     | 0.033     | 3.317 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 22   | 51     | 7      | 1.152     | 0.066     | 3.314 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 23   | 1      | 7      | 1.106     | 0.069     | 3.317 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 23   | 11     | 7      | 1.093     | 0.036     | 3.314 | 0.013     | 0.01      | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 23   | 21     | 7      | 1.079     | 0.033     | 3.314 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 155        | 155        | 0          | 27     | 28     |
| 2009 | 6     | 15  | 23   | 31     | 7      | 1.135     | 0.043     | 3.314 | 0.016     | 0.016     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 15  | 23   | 41     | 7      | 1.053     | 0.016     | 3.314 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 15  | 23   | 51     | 7      | 1.093     | 0.062     | 3.314 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 16  | 0    | 1      | 7      | 1.073     | 0.046     | 3.314 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 0    | 11     | 7      | 1.093     | 0.056     | 3.314 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 156        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 16  | 0    | 21     | 7      | 1.079     | 0.059     | 3.314 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 0    | 31     | 7      | 1.142     | 0.049     | 3.31  | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 0    | 41     | 7      | 1.076     | 0.026     | 3.31  | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 0    | 51     | 7      | 1.125     | 0.03      | 3.31  | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 1    | 1      | 7      | 1.119     | 0.089     | 3.31  | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 1    | 11     | 7      | 1.073     | 0.043     | 3.31  | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 1    | 21     | 7      | 1.112     | 0.036     | 3.31  | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 1    | 31     | 7      | 1.083     | 0.046     | 3.31  | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 1    | 41     | 7      | 1.06      | 0.056     | 3.314 | 0.016     | 0.016     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 1    | 51     | 7      | 1.096     | 0.033     | 3.31  | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 16  | 2    | 1      | 7      | 1.053     | 0.043     | 3.31  | 0.013     | 0.01      | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 2    | 11     | 7      | 1.07      | 0.033     | 3.314 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 2    | 21     | 7      | 1.125     | 0.023     | 3.31  | 0.013     | 0.01      | 0         | 55.9 | 55   | 0    | 156        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 2    | 31     | 7      | 1.07      | 0.033     | 3.31  | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 2    | 41     | 7      | 1.079     | 0.033     | 3.314 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 16  | 2    | 51     | 7      | 1.076     | 0.069     | 3.31  | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 3    | 1      | 7      | 1.053     | 0.026     | 3.31  | 0.013     | 0.01      | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 3    | 11     | 7      | 1.086     | 0.046     | 3.31  | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 3    | 21     | 7      | 1.086     | 0         | 3.31  | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 156        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 16  | 3    | 31     | 7      | 1.066     | 0.056     | 3.31  | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 3    | 41     | 7      | 1.053     | 0.069     | 3.31  | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 3    | 51     | 7      | 1.083     | 0.052     | 3.31  | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 4    | 1      | 7      | 1.093     | 0.013     | 3.314 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 4    | 11     | 7      | 1.096     | 0.013     | 3.31  | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 4    | 21     | 7      | 1.05      | 0.039     | 3.31  | 0.016     | 0.013     | 0         | 55.9 | 55   | 0    | 156        | 156        | 0          | 26     | 28     |
| 2009 | 6     | 16  | 4    | 31     | 7      | 1.086     | 0.056     | 3.31  | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 4    | 41     | 7      | 1.093     | 0.036     | 3.31  | 0.01      | 0.007     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 4    | 51     | 7      | 1.079     | 0.085     | 3.314 | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 5    | 1      | 7      | 1.089     | 0.049     | 3.314 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 156        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 5    | 11     | 7      | 1.079     | 0.056     | 3.314 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 157        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 5    | 21     | 7      | 1.115     | 0.039     | 3.314 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 157        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 5    | 31     | 7      | 1.083     | 0.069     | 3.314 | 0.016     | 0.016     | 0         | 56.3 | 56.3 | 0    | 157        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 5    | 41     | 7      | 1.063     | 0.062     | 3.314 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 157        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 5    | 51     | 7      | 1.115     | 0.007     | 3.314 | 0.016     | 0.013     | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 6    | 1      | 7      | 1.07      | 0.03      | 3.314 | 0.01      | 0.007     | 0         | 55.9 | 55.9 | 0    | 157        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 6    | 11     | 7      | 1.106     | 0.01      | 3.314 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 157        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 6    | 21     | 7      | 1.073     | 0.026     | 3.314 | 0.016     | 0.013     | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 6    | 31     | 7      | 1.073     | 0.033     | 3.314 | 0.016     | 0.016     | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 6    | 41     | 7      | 1.089     | 0.052     | 3.314 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 6    | 51     | 7      | 1.096     | 0.052     | 3.314 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 7    | 1      | 7      | 1.05      | 0.066     | 3.314 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 16  | 7    | 11     | 7      | 1.066     | 0.049     | 3.314 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 7    | 21     | 7      | 1.073     | 0.069     | 3.314 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 7    | 31     | 7      | 1.076     | 0.039     | 3.314 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 7    | 41     | 7      | 1.096     | -0.01     | 3.314 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 7    | 51     | 7      | 1.106     | 0.01      | 3.314 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 16  | 8    | 1      | 7      | 1.06      | 0.01      | 3.314 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 8    | 11     | 7      | 1.089     | 0.069     | 3.314 | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 8    | 21     | 7      | 1.086     | 0.069     | 3.314 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 8    | 31     | 7      | 1.115     | 0.046     | 3.314 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 16  | 8    | 41     | 7      | 1.079     | 0.046     | 3.314 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 154        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 8    | 51     | 7      | 1.099     | 0.052     | 3.314 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 9    | 1      | 7      | 1.102     | 0.036     | 3.314 | 0.013     | 0.01      | 0         | 54.2 | 55   | 0    | 153        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 16  | 9    | 11     | 7      | 1.099     | 0.043     | 3.314 | 0.016     | 0.013     | 0         | 54.6 | 53.8 | 0    | 153        | 153        | 0          | 26     | 28     |
| 2009 | 6     | 16  | 9    | 21     | 7      | 1.06      | 0         | 3.314 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 16  | 9    | 31     | 7      | 1.073     | 0.013     | 3.314 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 9    | 41     | 7      | 1.076     | 0.056     | 3.314 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 9    | 51     | 7      | 1.109     | 0.102     | 3.314 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 10   | 1      | 7      | 1.096     | 0.036     | 3.314 | 0.016     | 0.016     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 10   | 11     | 7      | 1.076     | 0.066     | 3.314 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 10   | 21     | 7      | 1.089     | 0.069     | 3.314 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 10   | 31     | 7      | 1.079     | 0.069     | 3.314 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 10   | 41     | 7      | 1.086     | 0.039     | 3.314 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 16  | 10   | 51     | 7      | 1.066     | 0.049     | 3.314 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 11   | 1      | 7      | 1.07      | 0.036     | 3.314 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 11   | 11     | 7      | 1.086     | 0.046     | 3.314 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 11   | 21     | 7      | 1.086     | 0.03      | 3.314 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 11   | 31     | 7      | 1.093     | 0.046     | 3.31  | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 16  | 11   | 41     | 7      | 1.093     | 0.043     | 3.31  | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 11   | 51     | 7      | 1.007     | 0.043     | 3.31  | 0.016     | 0.016     | 0         | 54.2 | 53.8 | 0    | 153        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 12   | 1      | 7      | 1.079     | 0         | 3.314 | 0.016     | 0.013     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 12   | 11     | 7      | 1.079     | 0.052     | 3.31  | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 12   | 21     | 7      | 1.079     | 0.033     | 3.31  | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 12   | 31     | 7      | 1.076     | 0.046     | 3.31  | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 12   | 41     | 7      | 1.083     | 0.026     | 3.307 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 12   | 51     | 7      | 1.06      | 0.026     | 3.307 | 0.016     | 0.016     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 13   | 1      | 7      | 1.07      | 0.056     | 3.304 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 13   | 11     | 7      | 1.089     | 0         | 3.304 | 0.016     | 0.016     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 13   | 21     | 7      | 1.079     | 0.066     | 3.301 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 13   | 31     | 7      | 1.043     | 0.049     | 3.301 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 13   | 41     | 7      | 1.073     | 0.043     | 3.301 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 13   | 51     | 7      | 1.089     | 0.075     | 3.301 | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 14   | 1      | 7      | 1.096     | 0.033     | 3.297 | 0.016     | 0.016     | 0         | 53.8 | 54.2 | 0    | 151        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 14   | 11     | 7      | 1.06      | 0.079     | 3.297 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 14   | 21     | 7      | 1.109     | 0.062     | 3.297 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 151        | 151        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 14   | 31     | 7      | 1.096     | 0.016     | 3.297 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 152        | 151        | 0          | 27     | 26     |
| 2009 | 6     | 16  | 14   | 41     | 7      | 1.119     | 0.089     | 3.297 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 14   | 51     | 7      | 1.063     | 0.089     | 3.297 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 15   | 1      | 7      | 1.086     | 0.01      | 3.297 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 15   | 11     | 7      | 1.07      | 0.01      | 3.297 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 15   | 21     | 7      | 1.079     | 0.043     | 3.297 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 16  | 15   | 31     | 7      | 1.099     | 0.056     | 3.297 | 0.016     | 0.013     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 15   | 41     | 7      | 1.093     | 0         | 3.297 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 15   | 51     | 7      | 1.01      | 0.043     | 3.297 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 16  | 16   | 1      | 7      | 1.033     | 0.085     | 3.297 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 16   | 11     | 7      | 1.115     | 0.056     | 3.297 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 16   | 21     | 7      | 1.099     | 0.043     | 3.294 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 16   | 31     | 7      | 1.086     | 0.026     | 3.294 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 16   | 41     | 7      | 1.093     | 0.056     | 3.297 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 16   | 51     | 7      | 1.125     | 0.026     | 3.297 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 17   | 1      | 7      | 1.063     | 0.013     | 3.294 | 0.01      | 0.007     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 17   | 11     | 7      | 1.07      | 0.075     | 3.294 | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 17   | 21     | 7      | 1.112     | 0.072     | 3.294 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 17   | 31     | 7      | 1.014     | 0.115     | 3.294 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 17   | 41     | 7      | 1.106     | 0.036     | 3.294 | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 17   | 51     | 7      | 1.099     | 0.043     | 3.294 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 18   | 1      | 7      | 1.106     | 0.056     | 3.294 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 18   | 11     | 7      | 1.027     | 0.082     | 3.294 | 0.02      | 0.016     | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 16  | 18   | 21     | 7      | 1.043     | 0.059     | 3.294 | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 154        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 18   | 31     | 7      | 1.073     | 0.069     | 3.294 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 18   | 41     | 7      | 1.076     | 0.016     | 3.291 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 18   | 51     | 7      | 1.05      | 0.075     | 3.291 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 19   | 1      | 7      | 1.086     | 0.049     | 3.291 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 154        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 19   | 11     | 7      | 1.093     | 0.01      | 3.291 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 16  | 19   | 21     | 7      | 1.06      | 0.01      | 3.291 | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 19   | 31     | 7      | 1.063     | -0.013    | 3.291 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 19   | 41     | 7      | 1.109     | 0.007     | 3.291 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 19   | 51     | 7      | 1.093     | 0.026     | 3.291 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 20   | 1      | 7      | 1.093     | 0.098     | 3.291 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 20   | 11     | 7      | 1.076     | 0.016     | 3.291 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 20   | 21     | 7      | 1.086     | 0.016     | 3.291 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 20   | 31     | 7      | 1.06      | 0.039     | 3.291 | 0.02      | 0.016     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 20   | 41     | 7      | 1.07      | 0.049     | 3.291 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 20   | 51     | 7      | 1.086     | 0.059     | 3.287 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 16  | 21   | 1      | 7      | 1.06      | 0.089     | 3.287 | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 21   | 11     | 7      | 1.079     | 0.066     | 3.287 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 21   | 21     | 7      | 1.06      | 0.056     | 3.287 | 0.013     | 0.01      | 0         | 55.5 | 54.6 | 0    | 155        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 21   | 31     | 7      | 1.079     | 0.049     | 3.287 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 16  | 21   | 41     | 7      | 1.086     | 0.085     | 3.287 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 16  | 21   | 51     | 7      | 1.063     | 0.075     | 3.287 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 22   | 1      | 7      | 1.073     | 0.062     | 3.287 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 16  | 22   | 11     | 7      | 1.122     | 0.023     | 3.287 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 22   | 21     | 7      | 1.086     | 0.039     | 3.287 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 22   | 31     | 7      | 1.073     | 0.043     | 3.287 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 22   | 41     | 7      | 1.073     | 0.01      | 3.287 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 22   | 51     | 7      | 1.037     | 0.059     | 3.287 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 23   | 1      | 7      | 1.04      | 0.043     | 3.287 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 23   | 11     | 7      | 1.093     | 0.026     | 3.287 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 16  | 23   | 21     | 7      | 1.033     | 0.013     | 3.287 | 0.016     | 0.013     | 0         | 55   | 54.2 | 0    | 154        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 16  | 23   | 31     | 7      | 1.076     | 0.072     | 3.287 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 16  | 23   | 41     | 7      | 1.076     | 0.056     | 3.287 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 154        | 154        | 0          | 27     | 28     |
| 2009 | 6     | 16  | 23   | 51     | 7      | 1.047     | 0.085     | 3.287 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 17  | 0    | 1      | 7      | 1.073     | 0.059     | 3.287 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 0    | 11     | 7      | 1.086     | 0.056     | 3.287 | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 155        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 0    | 21     | 7      | 1.056     | 0.01      | 3.287 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 0    | 31     | 7      | 1.043     | 0.016     | 3.287 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 0    | 41     | 7      | 1.076     | 0.056     | 3.287 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 0    | 51     | 7      | 1.043     | 0.052     | 3.287 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 1    | 1      | 7      | 1.06      | 0.013     | 3.287 | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 1    | 11     | 7      | 1.109     | 0.036     | 3.284 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 1    | 21     | 7      | 1.053     | 0.066     | 3.284 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 1    | 31     | 7      | 1.04      | 0.085     | 3.287 | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 1    | 41     | 7      | 1.047     | 0.085     | 3.287 | 0.016     | 0.016     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 1    | 51     | 7      | 1.093     | 0.069     | 3.284 | 0.02      | 0.016     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 2    | 1      | 7      | 1.06      | 0.043     | 3.287 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 2    | 11     | 7      | 1.083     | 0.043     | 3.287 | 0.016     | 0.016     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 2    | 21     | 7      | 1.04      | 0.082     | 3.284 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 2    | 31     | 7      | 1.07      | 0.062     | 3.284 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 2    | 41     | 7      | 1.033     | 0.062     | 3.284 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 2    | 51     | 7      | 1.047     | 0.066     | 3.284 | 0.01      | 0.007     | 0         | 55.5 | 55.5 | 0    | 156        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 3    | 1      | 7      | 1.033     | 0.079     | 3.284 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 3    | 11     | 7      | 1.102     | 0.036     | 3.284 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 3    | 21     | 7      | 1.093     | 0.013     | 3.284 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 154        | 154        | 0          | 27     | 28     |
| 2009 | 6     | 17  | 3    | 31     | 7      | 1.079     | 0.059     | 3.284 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 3    | 41     | 7      | 1.083     | 0.085     | 3.284 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 3    | 51     | 7      | 1.05      | 0.056     | 3.284 | 0.013     | 0.01      | 0         | 55   | 54.2 | 0    | 155        | 154        | 0          | 27     | 28     |
| 2009 | 6     | 17  | 4    | 1      | 7      | 1.086     | 0.026     | 3.284 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 4    | 11     | 7      | 1.07      | 0.062     | 3.284 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 4    | 21     | 7      | 1.056     | 0.043     | 3.284 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 4    | 31     | 7      | 1.053     | 0.046     | 3.284 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 4    | 41     | 7      | 1.093     | 0.085     | 3.284 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 4    | 51     | 7      | 1.086     | 0.079     | 3.284 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 5    | 1      | 7      | 1.07      | 0.046     | 3.284 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 5    | 11     | 7      | 1.033     | 0.052     | 3.284 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 5    | 21     | 7      | 1.037     | 0.089     | 3.284 | 0.02      | 0.016     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 5    | 31     | 7      | 1.073     | 0.072     | 3.284 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 5    | 41     | 7      | 1.093     | 0.052     | 3.284 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 5    | 51     | 7      | 1.076     | 0.043     | 3.284 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 6    | 1      | 7      | 1.073     | 0.039     | 3.284 | 0.016     | 0.013     | 0         | 55.5 | 54.6 | 0    | 155        | 155        | 0          | 26     | 28     |
| 2009 | 6     | 17  | 6    | 11     | 7      | 1.079     | 0.046     | 3.284 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 6    | 21     | 7      | 1.047     | 0.079     | 3.284 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 6    | 31     | 7      | 1.102     | 0.016     | 3.284 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 6    | 41     | 7      | 1.079     | 0.069     | 3.284 | 0.013     | 0.01      | 0         | 55.5 | 54.6 | 0    | 155        | 155        | 0          | 26     | 28     |
| 2009 | 6     | 17  | 6    | 51     | 7      | 1.079     | 0.052     | 3.284 | 0.016     | 0.016     | 0         | 55.5 | 55   | 0    | 156        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 7    | 1      | 7      | 1.05      | 0.049     | 3.284 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 7    | 11     | 7      | 1.076     | 0.049     | 3.284 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 7    | 21     | 7      | 1.079     | 0.01      | 3.284 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 7    | 31     | 7      | 1.043     | 0.075     | 3.284 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 7    | 41     | 7      | 1.056     | 0.102     | 3.284 | 0.016     | 0.013     | 0         | 55.9 | 55   | 0    | 156        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 7    | 51     | 7      | 1.063     | 0.082     | 3.284 | 0.01      | 0.007     | 0         | 54.6 | 55   | 0    | 155        | 155        | 0          | 28     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 17  | 8    | 1      | 7      | 1.07      | 0.069     | 3.284 | 0.016     | 0.016     | 0         | 55   | 54.6 | 0    | 155        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 8    | 11     | 7      | 1.037     | 0.072     | 3.284 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 8    | 21     | 7      | 1.056     | 0.039     | 3.284 | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 8    | 31     | 7      | 1.033     | 0.069     | 3.284 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 8    | 41     | 7      | 1.086     | -0.013    | 3.287 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 8    | 51     | 7      | 1.056     | 0.059     | 3.287 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 9    | 1      | 7      | 1.073     | 0.059     | 3.287 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 9    | 11     | 7      | 1.047     | 0.026     | 3.287 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 9    | 21     | 7      | 1.086     | 0.026     | 3.287 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 9    | 31     | 7      | 1.083     | 0.069     | 3.287 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 9    | 41     | 7      | 1.086     | 0.052     | 3.287 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 9    | 51     | 7      | 1.066     | 0.033     | 3.287 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 10   | 1      | 7      | 1.053     | 0.052     | 3.287 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 10   | 11     | 7      | 1.086     | 0.03      | 3.287 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 10   | 21     | 7      | 1.086     | 0         | 3.287 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 10   | 31     | 7      | 1.053     | 0.046     | 3.287 | 0.016     | 0.016     | 0         | 55   | 54.2 | 0    | 154        | 154        | 0          | 26     | 28     |
| 2009 | 6     | 17  | 10   | 41     | 7      | 1.089     | 0.016     | 3.287 | 0.013     | 0.01      | 0         | 55   | 54.2 | 0    | 154        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 10   | 51     | 7      | 1.02      | 0.072     | 3.287 | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 0    | 155        | 154        | 0          | 28     | 27     |
| 2009 | 6     | 17  | 11   | 1      | 7      | 1.033     | 0.069     | 3.287 | 0.016     | 0.016     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 11   | 11     | 7      | 1.089     | 0.059     | 3.287 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 11   | 21     | 7      | 1.096     | 0.036     | 3.287 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 154        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 11   | 31     | 7      | 1.083     | 0.059     | 3.287 | 0.016     | 0.013     | 0         | 55   | 54.2 | 0    | 154        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 11   | 41     | 7      | 1.086     | 0.046     | 3.291 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 11   | 51     | 7      | 1.07      | 0.026     | 3.287 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 12   | 1      | 7      | 1.112     | 0.01      | 3.287 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 12   | 11     | 7      | 1.033     | 0.052     | 3.291 | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 155        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 12   | 21     | 7      | 1.05      | 0.046     | 3.291 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 153        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 12   | 31     | 7      | 1.076     | 0.069     | 3.291 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 12   | 41     | 7      | 1.083     | 0.072     | 3.291 | 0.016     | 0.016     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 12   | 51     | 7      | 1.083     | 0.043     | 3.291 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 13   | 1      | 7      | 1.076     | 0.046     | 3.291 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 13   | 11     | 7      | 1.066     | 0.026     | 3.291 | 0.016     | 0.016     | 0         | 53.8 | 54.2 | 0    | 152        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 13   | 21     | 7      | 1.086     | 0.043     | 3.291 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 13   | 31     | 7      | 1.079     | 0.046     | 3.291 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 13   | 41     | 7      | 1.079     | 0.043     | 3.291 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 153        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 13   | 51     | 7      | 1.079     | 0.079     | 3.291 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 14   | 1      | 7      | 1.138     | 0.026     | 3.291 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 14   | 11     | 7      | 1.056     | 0.02      | 3.291 | 0.016     | 0.013     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 14   | 21     | 7      | 1.063     | 0.085     | 3.291 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 152        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 14   | 31     | 7      | 1.109     | 0.043     | 3.291 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 0    | 152        | 152        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 14   | 41     | 7      | 1.109     | 0.066     | 3.294 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 14   | 51     | 7      | 1.106     | 0.02      | 3.291 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 15   | 1      | 7      | 1.093     | 0.039     | 3.291 | 0.016     | 0.016     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 15   | 11     | 7      | 1.086     | 0.02      | 3.291 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 15   | 21     | 7      | 1.086     | 0.052     | 3.291 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 0    | 152        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 15   | 31     | 7      | 1.083     | 0.069     | 3.291 | 0.02      | 0.016     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 15   | 41     | 7      | 1.099     | 0.023     | 3.291 | 0.016     | 0.016     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 15   | 51     | 7      | 1.132     | 0.023     | 3.291 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 17  | 16   | 1      | 7      | 1.04      | 0.082     | 3.291 | 0.016     | 0.016     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 16   | 11     | 7      | 1.056     | 0.039     | 3.294 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 16   | 21     | 7      | 1.066     | 0.039     | 3.291 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 152        | 153        | 0          | 25     | 27     |
| 2009 | 6     | 17  | 16   | 31     | 7      | 1.056     | 0.095     | 3.291 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 16   | 41     | 7      | 1.043     | 0.092     | 3.291 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 16   | 51     | 7      | 1.07      | 0.03      | 3.291 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 17   | 1      | 7      | 1.112     | 0.082     | 3.291 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 17   | 11     | 7      | 1.056     | 0.056     | 3.291 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 17   | 21     | 7      | 1.112     | 0.072     | 3.291 | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 17   | 31     | 7      | 1.04      | 0.049     | 3.291 | 0.016     | 0.016     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 17   | 41     | 7      | 1.093     | 0.01      | 3.291 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 17   | 51     | 7      | 1.066     | 0.056     | 3.291 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 18   | 1      | 7      | 1.089     | 0.046     | 3.291 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 18   | 11     | 7      | 1.106     | 0.036     | 3.291 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 18   | 21     | 7      | 1.083     | 0.056     | 3.291 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 18   | 31     | 7      | 1.079     | 0.043     | 3.291 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 18   | 41     | 7      | 1.07      | 0.092     | 3.291 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 18   | 51     | 7      | 1.079     | 0.052     | 3.291 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 19   | 1      | 7      | 1.06      | 0         | 3.291 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 19   | 11     | 7      | 1.102     | 0.033     | 3.291 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 19   | 21     | 7      | 1.109     | 0.033     | 3.291 | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 19   | 31     | 7      | 1.099     | 0.062     | 3.291 | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 19   | 41     | 7      | 1.119     | 0.023     | 3.294 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 19   | 51     | 7      | 1.096     | 0         | 3.291 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 20   | 1      | 7      | 1.063     | 0.085     | 3.291 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 20   | 11     | 7      | 1.07      | 0.033     | 3.291 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 20   | 21     | 7      | 1.079     | 0.016     | 3.291 | 0.016     | 0.016     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 20   | 31     | 7      | 1.079     | 0.033     | 3.291 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 20   | 41     | 7      | 1.079     | 0.043     | 3.291 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 20   | 51     | 7      | 1.132     | 0.03      | 3.294 | 0.016     | 0.016     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 21   | 1      | 7      | 1.109     | -0.033    | 3.291 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 21   | 11     | 7      | 1.066     | 0.046     | 3.291 | 0.01      | 0.007     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 21   | 21     | 7      | 1.076     | 0         | 3.294 | 0.02      | 0.016     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 21   | 31     | 7      | 1.096     | 0.066     | 3.294 | 0.016     | 0.016     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 21   | 41     | 7      | 1.073     | 0.03      | 3.294 | 0.016     | 0.016     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 21   | 51     | 7      | 1.099     | 0.036     | 3.294 | 0.01      | 0.007     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 17  | 22   | 1      | 7      | 1.079     | 0.016     | 3.294 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 22   | 11     | 7      | 1.122     | 0.01      | 3.294 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 22   | 21     | 7      | 1.089     | 0.046     | 3.294 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 22   | 31     | 7      | 1.073     | 0.02      | 3.294 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 22   | 41     | 7      | 1.135     | 0.052     | 3.294 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 22   | 51     | 7      | 1.076     | 0.033     | 3.294 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 23   | 1      | 7      | 1.102     | 0.026     | 3.294 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 23   | 11     | 7      | 1.106     | 0.03      | 3.294 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 23   | 21     | 7      | 1.086     | 0.056     | 3.297 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 17  | 23   | 31     | 7      | 1.106     | -0.003    | 3.294 | 0.016     | 0.016     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 17  | 23   | 41     | 7      | 1.119     | 0.075     | 3.294 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 17  | 23   | 51     | 7      | 1.122     | 0.043     | 3.297 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 18  | 0    | 1      | 7      | 1.043     | 0.039     | 3.297 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 0    | 11     | 7      | 1.093     | 0.023     | 3.297 | 0.02      | 0.016     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 0    | 21     | 7      | 1.099     | 0.02      | 3.297 | 0.02      | 0.016     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 0    | 31     | 7      | 1.106     | 0.043     | 3.297 | 0.016     | 0.016     | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 0    | 41     | 7      | 1.122     | -0.003    | 3.297 | 0.016     | 0.016     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 0    | 51     | 7      | 1.079     | 0.059     | 3.297 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 1    | 1      | 7      | 1.06      | 0.023     | 3.297 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 1    | 11     | 7      | 1.083     | 0.01      | 3.297 | 0.01      | 0.007     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 1    | 21     | 7      | 1.115     | 0.043     | 3.297 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 1    | 31     | 7      | 1.079     | 0.023     | 3.301 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 1    | 41     | 7      | 1.109     | 0.056     | 3.297 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 1    | 51     | 7      | 1.093     | 0.066     | 3.297 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 2    | 1      | 7      | 1.115     | 0.036     | 3.297 | 0.01      | 0.007     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 2    | 11     | 7      | 1.093     | 0.039     | 3.301 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 2    | 21     | 7      | 1.125     | -0.003    | 3.301 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 2    | 31     | 7      | 1.102     | 0.049     | 3.301 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 2    | 41     | 7      | 1.102     | 0.049     | 3.301 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 2    | 51     | 7      | 1.073     | 0.026     | 3.304 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 3    | 1      | 7      | 1.093     | 0.023     | 3.301 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 3    | 11     | 7      | 1.093     | 0.085     | 3.301 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 3    | 21     | 7      | 1.047     | 0.036     | 3.304 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 3    | 31     | 7      | 1.073     | 0.085     | 3.301 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 3    | 41     | 7      | 1.096     | 0.056     | 3.301 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 3    | 51     | 7      | 1.086     | 0.056     | 3.304 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 4    | 1      | 7      | 1.089     | 0.016     | 3.304 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 4    | 11     | 7      | 1.119     | 0.03      | 3.304 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 4    | 21     | 7      | 1.06      | 0.026     | 3.307 | 0.02      | 0.016     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 4    | 31     | 7      | 1.033     | 0.043     | 3.307 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 4    | 41     | 7      | 1.089     | 0.062     | 3.307 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 4    | 51     | 7      | 1.076     | 0.056     | 3.307 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 5    | 1      | 7      | 1.125     | 0         | 3.31  | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 5    | 11     | 7      | 1.099     | 0.026     | 3.31  | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 5    | 21     | 7      | 1.089     | 0.033     | 3.31  | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 5    | 31     | 7      | 1.129     | 0.016     | 3.314 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 5    | 41     | 7      | 1.083     | 0.02      | 3.314 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 5    | 51     | 7      | 1.115     | 0.043     | 3.314 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 6    | 1      | 7      | 1.033     | 0.046     | 3.314 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 6    | 11     | 7      | 1.05      | 0.02      | 3.314 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 6    | 21     | 7      | 1.089     | 0.033     | 3.314 | 0.016     | 0.016     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 6    | 31     | 7      | 1.099     | 0.052     | 3.314 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 156        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 6    | 41     | 7      | 1.076     | 0.069     | 3.317 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 6    | 51     | 7      | 1.096     | 0.043     | 3.317 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 7    | 1      | 7      | 1.089     | 0.039     | 3.317 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 7    | 11     | 7      | 1.096     | 0.023     | 3.317 | 0.016     | 0.016     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 7    | 21     | 7      | 1.06      | 0.03      | 3.317 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 7    | 31     | 7      | 1.125     | 0.066     | 3.317 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 7    | 41     | 7      | 1.115     | 0.033     | 3.317 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 7    | 51     | 7      | 1.102     | 0.03      | 3.317 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 18  | 8    | 1      | 7      | 1.112     | 0.069     | 3.317 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 8    | 11     | 7      | 1.079     | 0.085     | 3.317 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 8    | 21     | 7      | 1.115     | 0.036     | 3.32  | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 8    | 31     | 7      | 1.112     | 0.049     | 3.317 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 8    | 41     | 7      | 1.112     | 0.016     | 3.32  | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 8    | 51     | 7      | 1.07      | 0.059     | 3.32  | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 9    | 1      | 7      | 1.135     | -0.026    | 3.32  | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 9    | 11     | 7      | 1.122     | -0.007    | 3.317 | 0.016     | 0.013     | 0         | 54.2 | 55   | 0    | 153        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 9    | 21     | 7      | 1.106     | 0.01      | 3.32  | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 9    | 31     | 7      | 1.07      | 0.066     | 3.317 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 9    | 41     | 7      | 1.099     | 0.03      | 3.317 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 9    | 51     | 7      | 1.109     | 0.069     | 3.317 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 10   | 1      | 7      | 1.093     | 0.062     | 3.317 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 10   | 11     | 7      | 1.093     | 0.066     | 3.314 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 10   | 21     | 7      | 1.115     | 0.079     | 3.317 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 10   | 31     | 7      | 1.132     | 0.039     | 3.31  | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 10   | 41     | 7      | 1.115     | 0.03      | 3.314 | 0.02      | 0.016     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 10   | 51     | 7      | 1.06      | 0.016     | 3.31  | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 11   | 1      | 7      | 1.145     | 0.026     | 3.31  | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 11   | 11     | 7      | 1.099     | 0.062     | 3.31  | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 11   | 21     | 7      | 1.096     | 0.069     | 3.31  | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 11   | 31     | 7      | 1.043     | 0.043     | 3.307 | 0.016     | 0.013     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 11   | 41     | 7      | 1.115     | 0.079     | 3.307 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 11   | 51     | 7      | 1.07      | 0.026     | 3.307 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 12   | 1      | 7      | 1.05      | 0.056     | 3.307 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 0    | 152        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 12   | 11     | 7      | 1.093     | 0.059     | 3.307 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 12   | 21     | 7      | 1.079     | 0.052     | 3.307 | 0.016     | 0.013     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 12   | 31     | 7      | 1.152     | 0.03      | 3.304 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 152        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 12   | 41     | 7      | 1.073     | 0.007     | 3.307 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 12   | 51     | 7      | 1.089     | 0.066     | 3.307 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 13   | 1      | 7      | 1.096     | 0.049     | 3.307 | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 13   | 11     | 7      | 1.093     | 0.036     | 3.307 | 0.016     | 0.016     | 0         | 53.8 | 54.2 | 0    | 151        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 13   | 21     | 7      | 1.076     | 0.01      | 3.307 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 0    | 152        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 13   | 31     | 7      | 1.056     | 0.098     | 3.307 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 13   | 41     | 7      | 1.083     | 0.082     | 3.307 | 0.016     | 0.013     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 13   | 51     | 7      | 1.106     | 0.066     | 3.307 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 14   | 1      | 7      | 1.086     | -0.013    | 3.307 | 0.013     | 0.01      | 0         | 53.8 | 53.3 | 0    | 151        | 151        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 14   | 11     | 7      | 1.089     | 0         | 3.304 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 151        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 14   | 21     | 7      | 1.109     | 0.046     | 3.304 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 14   | 31     | 7      | 1.07      | 0.079     | 3.304 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 14   | 41     | 7      | 1.043     | 0.072     | 3.307 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 14   | 51     | 7      | 1.132     | -0.02     | 3.307 | 0.016     | 0.016     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 15   | 1      | 7      | 1.073     | 0.135     | 3.307 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 18  | 15   | 11     | 7      | 1.096     | 0.049     | 3.304 | 0.016     | 0.016     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 15   | 21     | 7      | 1.119     | 0.033     | 3.304 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 151        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 15   | 31     | 7      | 1.096     | 0.016     | 3.304 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 0    | 151        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 15   | 41     | 7      | 1.096     | 0.059     | 3.304 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 15   | 51     | 7      | 1.076     | 0.046     | 3.304 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 18  | 16   | 1      | 7      | 1.099     | -0.02     | 3.304 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 16   | 11     | 7      | 1.115     | 0.043     | 3.304 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 16   | 21     | 7      | 1.047     | 0.066     | 3.304 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 16   | 31     | 7      | 1.119     | 0.003     | 3.304 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 151        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 16   | 41     | 7      | 1.076     | 0.102     | 3.304 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 16   | 51     | 7      | 1.076     | 0.046     | 3.304 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 17   | 1      | 7      | 1.093     | 0.03      | 3.304 | 0.016     | 0.016     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 17   | 11     | 7      | 1.089     | 0.056     | 3.304 | 0.016     | 0.016     | 0         | 53.8 | 54.2 | 0    | 151        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 17   | 21     | 7      | 1.115     | 0.052     | 3.304 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 17   | 31     | 7      | 1.076     | 0.056     | 3.301 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 17   | 41     | 7      | 1.102     | 0.046     | 3.304 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 0    | 152        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 18  | 17   | 51     | 7      | 1.083     | 0.043     | 3.304 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 18   | 1      | 7      | 1.079     | -0.007    | 3.301 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 18   | 11     | 7      | 1.096     | 0.059     | 3.301 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 18   | 21     | 7      | 1.086     | 0.066     | 3.301 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 18   | 31     | 7      | 1.112     | 0.056     | 3.301 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 18   | 41     | 7      | 1.053     | 0.066     | 3.304 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 18   | 51     | 7      | 1.112     | 0.082     | 3.301 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 19   | 1      | 7      | 1.115     | -0.016    | 3.301 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 19   | 11     | 7      | 1.122     | 0.016     | 3.301 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 19   | 21     | 7      | 1.063     | 0.043     | 3.301 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 153        | 154        | 0          | 25     | 26     |
| 2009 | 6     | 18  | 19   | 31     | 7      | 1.102     | 0.069     | 3.301 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 19   | 41     | 7      | 1.086     | 0.013     | 3.301 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 19   | 51     | 7      | 1.086     | 0.039     | 3.301 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 20   | 1      | 7      | 1.086     | 0.069     | 3.301 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 20   | 11     | 7      | 1.079     | 0.056     | 3.301 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 0    | 153        | 154        | 0          | 26     | 25     |
| 2009 | 6     | 18  | 20   | 21     | 7      | 1.04      | 0.079     | 3.301 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 20   | 31     | 7      | 1.047     | 0.039     | 3.301 | 0.016     | 0.013     | 0         | 55.5 | 54.6 | 0    | 154        | 154        | 0          | 25     | 27     |
| 2009 | 6     | 18  | 20   | 41     | 7      | 1.086     | 0.026     | 3.301 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 20   | 51     | 7      | 1.096     | 0.023     | 3.301 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 21   | 1      | 7      | 1.053     | 0.016     | 3.301 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 21   | 11     | 7      | 1.086     | 0.049     | 3.301 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 21   | 21     | 7      | 1.079     | 0.043     | 3.301 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 21   | 31     | 7      | 1.099     | 0.043     | 3.301 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 21   | 41     | 7      | 1.099     | 0.033     | 3.301 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 21   | 51     | 7      | 1.053     | 0.043     | 3.301 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 154        | 154        | 0          | 25     | 26     |
| 2009 | 6     | 18  | 22   | 1      | 7      | 1.093     | 0.085     | 3.301 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 22   | 11     | 7      | 1.07      | 0.016     | 3.301 | 0.016     | 0.016     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 22   | 21     | 7      | 1.053     | 0.059     | 3.301 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 22   | 31     | 7      | 1.05      | 0.095     | 3.301 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 22   | 41     | 7      | 1.083     | 0.026     | 3.301 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 22   | 51     | 7      | 1.112     | 0.039     | 3.301 | 0.01      | 0.007     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 23   | 1      | 7      | 1.043     | 0.069     | 3.301 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 18  | 23   | 11     | 7      | 1.096     | 0.056     | 3.301 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 23   | 21     | 7      | 1.099     | 0.013     | 3.301 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 23   | 31     | 7      | 1.066     | 0.026     | 3.301 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 23   | 41     | 7      | 1.04      | 0.026     | 3.301 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 18  | 23   | 51     | 7      | 1.089     | 0.108     | 3.301 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 19  | 0    | 1      | 7      | 1.093     | 0.069     | 3.301 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 0    | 11     | 7      | 1.05      | 0.085     | 3.301 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 0    | 21     | 7      | 1.086     | 0.069     | 3.301 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 0    | 31     | 7      | 1.07      | 0.049     | 3.301 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 0    | 41     | 7      | 1.05      | 0.072     | 3.301 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 0    | 51     | 7      | 1.122     | 0.052     | 3.301 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 1    | 1      | 7      | 1.079     | 0.072     | 3.301 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 1    | 11     | 7      | 1.056     | 0.098     | 3.301 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 1    | 21     | 7      | 1.076     | 0.089     | 3.301 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 1    | 31     | 7      | 1.06      | 0.02      | 3.301 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 1    | 41     | 7      | 1.066     | 0.092     | 3.301 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 1    | 51     | 7      | 1.05      | 0.075     | 3.301 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 19  | 2    | 1      | 7      | 1.066     | 0.056     | 3.301 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 2    | 11     | 7      | 1.109     | 0.066     | 3.301 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 2    | 21     | 7      | 1.083     | 0.072     | 3.301 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 2    | 31     | 7      | 1.079     | 0.089     | 3.301 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 2    | 41     | 7      | 1.066     | 0.049     | 3.301 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 2    | 51     | 7      | 1.076     | 0.098     | 3.301 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 3    | 1      | 7      | 1.093     | 0.062     | 3.301 | 0.016     | 0.016     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 3    | 11     | 7      | 1.06      | 0.118     | 3.301 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 3    | 21     | 7      | 1.066     | 0.085     | 3.301 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 3    | 31     | 7      | 1.083     | 0.059     | 3.301 | 0.016     | 0.016     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 3    | 41     | 7      | 1.102     | 0.052     | 3.301 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 3    | 51     | 7      | 1.076     | 0.062     | 3.304 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 4    | 1      | 7      | 1.089     | 0.056     | 3.304 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 4    | 11     | 7      | 1.109     | 0.026     | 3.301 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 4    | 21     | 7      | 1.07      | 0.072     | 3.301 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 4    | 31     | 7      | 1.099     | 0.056     | 3.301 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 4    | 41     | 7      | 1.053     | 0.112     | 3.301 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 4    | 51     | 7      | 1.053     | 0.043     | 3.304 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 5    | 1      | 7      | 1.093     | 0.033     | 3.301 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 5    | 11     | 7      | 1.076     | 0.013     | 3.304 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 5    | 21     | 7      | 1.073     | 0.085     | 3.301 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 5    | 31     | 7      | 1.056     | 0.052     | 3.301 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 5    | 41     | 7      | 1.06      | 0.072     | 3.301 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 5    | 51     | 7      | 1.099     | 0.085     | 3.301 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 6    | 1      | 7      | 1.073     | 0.112     | 3.304 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 6    | 11     | 7      | 1.063     | 0.046     | 3.304 | 0.013     | 0.01      | 0         | 56.8 | 55.9 | 0    | 158        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 6    | 21     | 7      | 1.053     | 0.082     | 3.304 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 6    | 31     | 7      | 1.06      | 0.085     | 3.304 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 156        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 19  | 6    | 41     | 7      | 1.079     | 0.085     | 3.304 | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 0    | 157        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 6    | 51     | 7      | 1.06      | 0.066     | 3.304 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 7    | 1      | 7      | 1.089     | 0.095     | 3.304 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 0    | 156        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 19  | 7    | 11     | 7      | 1.079     | 0.043     | 3.304 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 7    | 21     | 7      | 1.099     | 0.036     | 3.304 | 0.02      | 0.016     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 7    | 31     | 7      | 1.07      | 0.03      | 3.304 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 7    | 41     | 7      | 1.076     | 0.043     | 3.304 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 7    | 51     | 7      | 1.102     | 0.066     | 3.307 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 19  | 8    | 1      | 7      | 1.053     | 0.066     | 3.307 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 8    | 11     | 7      | 1.086     | 0.056     | 3.304 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 8    | 21     | 7      | 1.079     | 0.062     | 3.304 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 8    | 31     | 7      | 1.07      | 0.075     | 3.304 | 0.016     | 0.013     | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 19  | 8    | 41     | 7      | 1.033     | 0.023     | 3.304 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 8    | 51     | 7      | 1.073     | 0.026     | 3.307 | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 9    | 1      | 7      | 1.079     | 0.056     | 3.307 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 9    | 11     | 7      | 1.079     | 0.072     | 3.307 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 9    | 21     | 7      | 1.122     | 0.072     | 3.304 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 9    | 31     | 7      | 1.093     | 0.056     | 3.304 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 9    | 41     | 7      | 1.109     | 0.033     | 3.304 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 9    | 51     | 7      | 1.129     | 0.039     | 3.304 | 0.016     | 0.013     | 0         | 54.2 | 55   | 0    | 153        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 19  | 10   | 1      | 7      | 1.125     | -0.007    | 3.304 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 10   | 11     | 7      | 1.096     | 0.01      | 3.304 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 10   | 21     | 7      | 1.093     | 0.016     | 3.304 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 10   | 31     | 7      | 1.142     | 0.043     | 3.304 | 0.016     | 0.016     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 10   | 41     | 7      | 1.148     | 0.039     | 3.304 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 154        | 154        | 0          | 25     | 26     |
| 2009 | 6     | 19  | 10   | 51     | 7      | 1.079     | 0.049     | 3.304 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 11   | 1      | 7      | 1.093     | 0.036     | 3.304 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 19  | 11   | 11     | 7      | 1.119     | 0         | 3.304 | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 11   | 21     | 7      | 1.093     | -0.03     | 3.304 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 0    | 153        | 154        | 0          | 26     | 25     |
| 2009 | 6     | 19  | 11   | 31     | 7      | 1.086     | 0.01      | 3.307 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 11   | 41     | 7      | 1.053     | 0.046     | 3.307 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 19  | 11   | 51     | 7      | 1.109     | 0.036     | 3.304 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 12   | 1      | 7      | 1.112     | 0.039     | 3.307 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 12   | 11     | 7      | 1.099     | 0.043     | 3.304 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 12   | 21     | 7      | 1.089     | 0.033     | 3.304 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 12   | 31     | 7      | 1.056     | 0.043     | 3.304 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 12   | 41     | 7      | 1.099     | 0.062     | 3.304 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 12   | 51     | 7      | 1.073     | 0.026     | 3.304 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 13   | 1      | 7      | 1.106     | 0.046     | 3.304 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 13   | 11     | 7      | 1.096     | 0.059     | 3.304 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 13   | 21     | 7      | 1.076     | 0.102     | 3.304 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 13   | 31     | 7      | 1.07      | 0.089     | 3.301 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 13   | 41     | 7      | 1.066     | 0.036     | 3.304 | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 0    | 157        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 13   | 51     | 7      | 1.106     | 0.085     | 3.304 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 14   | 1      | 7      | 1.122     | 0.026     | 3.301 | 0.016     | 0.013     | 0         | 56.8 | 56.8 | 0    | 158        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 14   | 11     | 7      | 1.089     | 0.056     | 3.301 | 0.016     | 0.013     | 0         | 57.2 | 56.3 | 0    | 158        | 158        | 0          | 25     | 27     |
| 2009 | 6     | 19  | 14   | 21     | 7      | 1.096     | 0.056     | 3.301 | 0.01      | 0.007     | 0         | 56.8 | 56.8 | 0    | 158        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 14   | 31     | 7      | 1.096     | 0.075     | 3.301 | 0.016     | 0.013     | 0         | 57.2 | 56.8 | 0    | 158        | 158        | 0          | 25     | 26     |
| 2009 | 6     | 19  | 14   | 41     | 7      | 1.089     | 0.118     | 3.301 | 0.013     | 0.01      | 0         | 56.8 | 56.8 | 0    | 158        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 14   | 51     | 7      | 1.086     | -0.013    | 3.294 | 0.013     | 0.01      | 0         | 56.3 | 56.8 | 0    | 157        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 15   | 1      | 7      | 1.06      | 0.059     | 3.297 | 0.013     | 0.01      | 0         | 56.3 | 56.3 | 0    | 157        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 15   | 11     | 7      | 1.089     | 0.056     | 3.297 | 0.013     | 0.01      | 0         | 56.3 | 56.3 | 0    | 157        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 15   | 21     | 7      | 1.112     | 0.102     | 3.301 | 0.016     | 0.013     | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 15   | 31     | 7      | 1.047     | 0.102     | 3.304 | 0.013     | 0.01      | 0         | 56.3 | 56.3 | 0    | 157        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 15   | 41     | 7      | 1.079     | 0.066     | 3.294 | 0.02      | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 15   | 51     | 7      | 1.089     | 0.144     | 3.294 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 156        | 0          | 26     | 25     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 19  | 16   | 1      | 7      | 1.073     | 0.052     | 3.294 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 16   | 11     | 7      | 1.093     | 0.023     | 3.297 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 156        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 19  | 16   | 21     | 7      | 1.076     | 0.072     | 3.297 | 0.016     | 0.016     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 16   | 31     | 7      | 1.083     | 0.118     | 3.294 | 0.023     | 0.02      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 16   | 41     | 7      | 1.063     | 0.092     | 3.291 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 16   | 51     | 7      | 1.047     | 0.112     | 3.294 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 17   | 1      | 7      | 1.076     | 0.075     | 3.291 | 0.013     | 0.01      | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 17   | 11     | 7      | 1.043     | 0.089     | 3.294 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 17   | 21     | 7      | 1.07      | 0.098     | 3.287 | 0.016     | 0.013     | 0         | 56.3 | 55.5 | 0    | 156        | 156        | 0          | 25     | 27     |
| 2009 | 6     | 19  | 17   | 31     | 7      | 1.047     | 0.069     | 3.291 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 17   | 41     | 7      | 1.083     | 0.056     | 3.291 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 17   | 51     | 7      | 1.004     | 0.092     | 3.291 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 18   | 1      | 7      | 1.093     | 0.079     | 3.284 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 155        | 155        | 0          | 25     | 26     |
| 2009 | 6     | 19  | 18   | 11     | 7      | 1.037     | 0.059     | 3.287 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 18   | 21     | 7      | 1.043     | 0.082     | 3.284 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 0    | 155        | 156        | 0          | 26     | 25     |
| 2009 | 6     | 19  | 18   | 31     | 7      | 1.03      | 0.102     | 3.287 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 18   | 41     | 7      | 1.033     | 0.079     | 3.284 | 0.016     | 0.016     | 0         | 55.9 | 55.5 | 0    | 155        | 155        | 0          | 25     | 26     |
| 2009 | 6     | 19  | 18   | 51     | 7      | 1.037     | 0.115     | 3.281 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 19   | 1      | 7      | 1.047     | 0.056     | 3.284 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 19   | 11     | 7      | 1.043     | 0.075     | 3.281 | 0.016     | 0.013     | 0         | 56.3 | 55.5 | 0    | 156        | 156        | 0          | 25     | 27     |
| 2009 | 6     | 19  | 19   | 21     | 7      | 0.997     | 0.108     | 3.278 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 19   | 31     | 7      | 1.073     | 0.115     | 3.278 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 19   | 41     | 7      | 1.03      | 0.089     | 3.281 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 19   | 51     | 7      | 1.053     | 0.075     | 3.278 | 0.016     | 0.013     | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 19  | 20   | 1      | 7      | 1.053     | 0.075     | 3.278 | 0.016     | 0.016     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 20   | 11     | 7      | 1.043     | 0.072     | 3.278 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 20   | 21     | 7      | 1.07      | 0.049     | 3.278 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 20   | 31     | 7      | 1.066     | 0.056     | 3.281 | 0.02      | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 20   | 41     | 7      | 1.014     | 0.135     | 3.281 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 20   | 51     | 7      | 1.073     | 0.072     | 3.281 | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 21   | 1      | 7      | 1.014     | 0.118     | 3.281 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 21   | 11     | 7      | 1.073     | 0.056     | 3.278 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 21   | 21     | 7      | 1.083     | 0.036     | 3.281 | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 21   | 31     | 7      | 1.033     | 0.085     | 3.281 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 21   | 41     | 7      | 1.03      | 0.066     | 3.281 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 19  | 21   | 51     | 7      | 1.04      | 0.062     | 3.281 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 19  | 22   | 1      | 7      | 1.033     | 0.095     | 3.281 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 22   | 11     | 7      | 1.043     | 0.056     | 3.281 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 22   | 21     | 7      | 1.073     | 0.089     | 3.281 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 22   | 31     | 7      | 1.053     | 0.049     | 3.281 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 22   | 41     | 7      | 0.997     | 0.046     | 3.281 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 22   | 51     | 7      | 1.053     | 0.043     | 3.281 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 23   | 1      | 7      | 1.06      | 0.079     | 3.281 | 0.01      | 0.007     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 23   | 11     | 7      | 1.037     | 0.066     | 3.281 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 156        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 19  | 23   | 21     | 7      | 1.066     | 0.085     | 3.281 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 23   | 31     | 7      | 1.014     | 0.105     | 3.281 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 0    | 155        | 156        | 0          | 26     | 25     |
| 2009 | 6     | 19  | 23   | 41     | 7      | 1.027     | 0.066     | 3.281 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 19  | 23   | 51     | 7      | 1.037     | 0.102     | 3.281 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 20  | 0    | 1      | 7      | 1.03      | 0.098     | 3.284 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 0    | 11     | 7      | 1.07      | 0.026     | 3.281 | 0.01      | 0.007     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 0    | 21     | 7      | 1.07      | 0.069     | 3.284 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 0    | 31     | 7      | 1.079     | 0.115     | 3.281 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 0    | 41     | 7      | 1.099     | 0.046     | 3.281 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 0    | 51     | 7      | 1.01      | 0.072     | 3.284 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 1    | 1      | 7      | 1.07      | 0.066     | 3.284 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 1    | 11     | 7      | 1.027     | 0.043     | 3.284 | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 1    | 21     | 7      | 1.145     | 0.069     | 3.281 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 1    | 31     | 7      | 1.056     | 0.062     | 3.284 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 1    | 41     | 7      | 1.043     | 0.066     | 3.284 | 0.016     | 0.013     | 0         | 56.3 | 55.9 | 0    | 156        | 156        | 0          | 25     | 26     |
| 2009 | 6     | 20  | 1    | 51     | 7      | 1.079     | 0.066     | 3.287 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 155        | 156        | 0          | 25     | 26     |
| 2009 | 6     | 20  | 2    | 1      | 7      | 1.063     | 0.059     | 3.287 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 2    | 11     | 7      | 1.033     | 0.03      | 3.287 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 2    | 21     | 7      | 1.05      | 0.085     | 3.284 | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 2    | 31     | 7      | 1.01      | 0.079     | 3.284 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 2    | 41     | 7      | 1.102     | 0.02      | 3.284 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 2    | 51     | 7      | 1.056     | 0.125     | 3.284 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 3    | 1      | 7      | 1.07      | 0.039     | 3.284 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 3    | 11     | 7      | 1.073     | 0.056     | 3.284 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 3    | 21     | 7      | 1.043     | 0.095     | 3.287 | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 3    | 31     | 7      | 1.096     | 0.079     | 3.287 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 3    | 41     | 7      | 1.05      | 0.072     | 3.287 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 3    | 51     | 7      | 1.096     | 0.072     | 3.287 | 0.016     | 0.016     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 4    | 1      | 7      | 1.004     | 0.095     | 3.287 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 4    | 11     | 7      | 1.033     | 0.039     | 3.287 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 4    | 21     | 7      | 1.099     | 0.059     | 3.287 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 4    | 31     | 7      | 1.083     | 0.098     | 3.287 | 0.013     | 0.01      | 0         | 55.9 | 55.5 | 0    | 156        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 4    | 41     | 7      | 1.06      | 0.085     | 3.287 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 4    | 51     | 7      | 1.096     | 0.036     | 3.287 | 0.016     | 0.013     | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 20  | 5    | 1      | 7      | 1.079     | 0.059     | 3.287 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 5    | 11     | 7      | 1.047     | 0.079     | 3.291 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 20  | 5    | 21     | 7      | 1.04      | 0.105     | 3.291 | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 5    | 31     | 7      | 1.093     | 0.052     | 3.291 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 5    | 41     | 7      | 1.06      | 0.098     | 3.291 | 0.016     | 0.013     | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 20  | 5    | 51     | 7      | 1.027     | 0.085     | 3.291 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 156        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 20  | 6    | 1      | 7      | 1.06      | 0.069     | 3.291 | 0.01      | 0.007     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 6    | 11     | 7      | 1.066     | 0.023     | 3.291 | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 0    | 157        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 6    | 21     | 7      | 1.043     | 0.089     | 3.291 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 157        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 20  | 6    | 31     | 7      | 1.07      | 0.046     | 3.291 | 0.013     | 0.01      | 0         | 56.3 | 55.5 | 0    | 157        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 6    | 41     | 7      | 1.05      | 0.056     | 3.291 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 6    | 51     | 7      | 1.102     | 0.013     | 3.291 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 7    | 1      | 7      | 1.053     | 0.052     | 3.291 | 0.013     | 0.01      | 0         | 56.3 | 55.5 | 0    | 156        | 156        | 0          | 25     | 27     |
| 2009 | 6     | 20  | 7    | 11     | 7      | 1.043     | 0.072     | 3.291 | 0.013     | 0.01      | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 7    | 21     | 7      | 1.083     | 0.049     | 3.291 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 7    | 31     | 7      | 1.047     | 0.043     | 3.291 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 7    | 41     | 7      | 1.099     | 0.075     | 3.291 | 0.016     | 0.016     | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 20  | 7    | 51     | 7      | 1.053     | 0.052     | 3.291 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 20  | 8    | 1      | 7      | 1.03      | 0.085     | 3.291 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 8    | 11     | 7      | 1.056     | 0.046     | 3.291 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 20  | 8    | 21     | 7      | 1.083     | 0.056     | 3.291 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 8    | 31     | 7      | 1.083     | 0.039     | 3.291 | 0.016     | 0.016     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 8    | 41     | 7      | 1.053     | 0.105     | 3.291 | 0.016     | 0.016     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 8    | 51     | 7      | 1.086     | 0.072     | 3.291 | 0.013     | 0.01      | 0         | 55.9 | 55.5 | 0    | 156        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 9    | 1      | 7      | 1.07      | 0.03      | 3.291 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 9    | 11     | 7      | 1.112     | 0.026     | 3.291 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 9    | 21     | 7      | 1.053     | 0.095     | 3.291 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 9    | 31     | 7      | 1.076     | 0.043     | 3.287 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 9    | 41     | 7      | 1.063     | 0.02      | 3.291 | 0.013     | 0.01      | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 9    | 51     | 7      | 1.037     | 0.046     | 3.291 | 0.02      | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 10   | 1      | 7      | 1.073     | 0.075     | 3.291 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 10   | 11     | 7      | 1.096     | 0.02      | 3.287 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 10   | 21     | 7      | 1.06      | 0.052     | 3.287 | 0.016     | 0.016     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 10   | 31     | 7      | 1.109     | 0.046     | 3.284 | 0.016     | 0.013     | 0         | 55   | 55.9 | 0    | 155        | 155        | 0          | 27     | 25     |
| 2009 | 6     | 20  | 10   | 41     | 7      | 1.066     | 0.036     | 3.284 | 0.016     | 0.013     | 0         | 55.9 | 55   | 0    | 156        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 10   | 51     | 7      | 1.096     | -0.01     | 3.284 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 20  | 11   | 1      | 7      | 1.047     | 0.059     | 3.284 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 11   | 11     | 7      | 1.03      | 0.082     | 3.281 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 11   | 21     | 7      | 1.093     | 0.013     | 3.278 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 11   | 31     | 7      | 1.06      | 0.079     | 3.278 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 11   | 41     | 7      | 1.07      | 0.052     | 3.278 | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 11   | 51     | 7      | 1.063     | 0.033     | 3.274 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 20  | 12   | 1      | 7      | 1.079     | 0.043     | 3.274 | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 12   | 11     | 7      | 1.076     | 0.043     | 3.274 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 12   | 21     | 7      | 1.073     | 0.059     | 3.274 | 0.016     | 0.016     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 12   | 31     | 7      | 1.073     | 0.036     | 3.274 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 12   | 41     | 7      | 1.079     | 0.108     | 3.274 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 12   | 51     | 7      | 1.06      | 0.026     | 3.274 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 20  | 13   | 1      | 7      | 1.056     | 0.01      | 3.274 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 13   | 11     | 7      | 1.037     | 0.056     | 3.271 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 13   | 21     | 7      | 1.079     | 0.039     | 3.271 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 13   | 31     | 7      | 1.099     | 0.036     | 3.271 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 153        | 153        | 0          | 25     | 26     |
| 2009 | 6     | 20  | 13   | 41     | 7      | 1.05      | 0.095     | 3.274 | 0.016     | 0.013     | 0         | 55.9 | 55   | 0    | 156        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 13   | 51     | 7      | 1.056     | 0.072     | 3.271 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 14   | 1      | 7      | 1.119     | 0.033     | 3.271 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 14   | 11     | 7      | 1.06      | 0.059     | 3.271 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 14   | 21     | 7      | 1.06      | 0.023     | 3.274 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 14   | 31     | 7      | 1.063     | 0.046     | 3.271 | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 14   | 41     | 7      | 1.056     | 0.089     | 3.271 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 14   | 51     | 7      | 1.073     | 0.046     | 3.271 | 0.016     | 0.016     | 0         | 54.6 | 54.2 | 0    | 152        | 152        | 0          | 25     | 26     |
| 2009 | 6     | 20  | 15   | 1      | 7      | 1.07      | -0.01     | 3.271 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 15   | 11     | 7      | 1.07      | 0.075     | 3.271 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 15   | 21     | 7      | 1.063     | 0.036     | 3.271 | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 153        | 153        | 0          | 25     | 26     |
| 2009 | 6     | 20  | 15   | 31     | 7      | 1.02      | 0.085     | 3.271 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 15   | 41     | 7      | 1.096     | 0.085     | 3.268 | 0.016     | 0.013     | 0         | 55   | 54.2 | 0    | 153        | 152        | 0          | 25     | 26     |
| 2009 | 6     | 20  | 15   | 51     | 7      | 1.066     | 0.043     | 3.271 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 20  | 16   | 1      | 7      | 1.024     | 0.102     | 3.271 | 0.016     | 0.016     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 16   | 11     | 7      | 1.099     | 0.082     | 3.268 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 16   | 21     | 7      | 1.02      | 0.052     | 3.268 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 16   | 31     | 7      | 1.03      | 0.092     | 3.268 | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 16   | 41     | 7      | 1.027     | 0.108     | 3.268 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 16   | 51     | 7      | 1.01      | 0.089     | 3.268 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 17   | 1      | 7      | 1.066     | 0.105     | 3.264 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 20  | 17   | 11     | 7      | 1.066     | 0.049     | 3.264 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 17   | 21     | 7      | 1.076     | 0.075     | 3.268 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 17   | 31     | 7      | 1.063     | 0.085     | 3.264 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 17   | 41     | 7      | 1.056     | 0.052     | 3.264 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 0    | 153        | 154        | 0          | 26     | 25     |
| 2009 | 6     | 20  | 17   | 51     | 7      | 1.05      | 0.056     | 3.264 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 18   | 1      | 7      | 1.079     | 0.095     | 3.264 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 18   | 11     | 7      | 1.06      | 0.049     | 3.264 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 18   | 21     | 7      | 1.04      | 0.079     | 3.261 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 18   | 31     | 7      | 1.04      | 0.085     | 3.261 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 18   | 41     | 7      | 1.086     | 0.043     | 3.261 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 18   | 51     | 7      | 1.066     | 0.056     | 3.261 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 19   | 1      | 7      | 1.024     | 0.075     | 3.261 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 19   | 11     | 7      | 1.03      | 0.03      | 3.261 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 19   | 21     | 7      | 1.066     | 0.062     | 3.261 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 154        | 155        | 0          | 25     | 27     |
| 2009 | 6     | 20  | 19   | 31     | 7      | 1.04      | 0.079     | 3.261 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 154        | 155        | 0          | 25     | 26     |
| 2009 | 6     | 20  | 19   | 41     | 7      | 1.024     | 0.095     | 3.261 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 19   | 51     | 7      | 1.027     | 0.056     | 3.258 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 20   | 1      | 7      | 1.043     | 0.098     | 3.258 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 20   | 11     | 7      | 1.017     | 0.085     | 3.258 | 0.016     | 0.016     | 0         | 55.9 | 55.5 | 0    | 155        | 155        | 0          | 25     | 26     |
| 2009 | 6     | 20  | 20   | 21     | 7      | 1.053     | 0.075     | 3.255 | 0.01      | 0.007     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 20   | 31     | 7      | 1.043     | 0.049     | 3.258 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 20   | 41     | 7      | 1.053     | 0.026     | 3.258 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 20   | 51     | 7      | 1.066     | 0.079     | 3.255 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 21   | 1      | 7      | 1.07      | 0.043     | 3.258 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 21   | 11     | 7      | 1.06      | 0.059     | 3.255 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 21   | 21     | 7      | 1.043     | 0.062     | 3.255 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 21   | 31     | 7      | 1.086     | 0.056     | 3.255 | 0.01      | 0.007     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 21   | 41     | 7      | 1.03      | 0         | 3.255 | 0.016     | 0.016     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 21   | 51     | 7      | 1.076     | 0.052     | 3.258 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 22   | 1      | 7      | 1.047     | 0.013     | 3.258 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 22   | 11     | 7      | 1.047     | 0.082     | 3.255 | 0.016     | 0.016     | 0         | 55.9 | 55.5 | 0    | 155        | 155        | 0          | 25     | 26     |
| 2009 | 6     | 20  | 22   | 21     | 7      | 1.043     | 0.052     | 3.255 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 22   | 31     | 7      | 1.053     | 0.105     | 3.255 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 22   | 41     | 7      | 1.053     | 0.075     | 3.255 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 22   | 51     | 7      | 1.053     | 0.082     | 3.251 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 23   | 1      | 7      | 1.047     | 0.072     | 3.255 | 0.016     | 0.013     | 0         | 55.9 | 55   | 0    | 155        | 155        | 0          | 25     | 27     |
| 2009 | 6     | 20  | 23   | 11     | 7      | 1.05      | 0.059     | 3.255 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 23   | 21     | 7      | 1.063     | 0.043     | 3.255 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 23   | 31     | 7      | 1.01      | 0.085     | 3.251 | 0.01      | 0.007     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 20  | 23   | 41     | 7      | 1.056     | 0.03      | 3.255 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 20  | 23   | 51     | 7      | 1.037     | 0.066     | 3.255 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 21  | 0    | 1      | 7      | 1.043     | 0.085     | 3.251 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 0    | 11     | 7      | 1.06      | 0.052     | 3.251 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 0    | 21     | 7      | 1.056     | 0.039     | 3.251 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 0    | 31     | 7      | 1.04      | 0.059     | 3.255 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 0    | 41     | 7      | 1.037     | 0.056     | 3.255 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 0    | 51     | 7      | 1.05      | 0.089     | 3.251 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 1    | 1      | 7      | 1.037     | 0.049     | 3.251 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 1    | 11     | 7      | 1.017     | 0.089     | 3.251 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 1    | 21     | 7      | 1.037     | 0.085     | 3.251 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 1    | 31     | 7      | 1.01      | 0.095     | 3.251 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 1    | 41     | 7      | 1.04      | 0.049     | 3.251 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 1    | 51     | 7      | 1.076     | 0.062     | 3.251 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 2    | 1      | 7      | 1.017     | 0.069     | 3.255 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 2    | 11     | 7      | 1.017     | 0.089     | 3.251 | 0.02      | 0.016     | 0         | 55.5 | 55.9 | 0    | 156        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 21  | 2    | 21     | 7      | 1.03      | 0.082     | 3.251 | 0.016     | 0.016     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 2    | 31     | 7      | 1.063     | 0.03      | 3.251 | 0.01      | 0.007     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 2    | 41     | 7      | 0.991     | 0.072     | 3.251 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 2    | 51     | 7      | 1.073     | 0.072     | 3.251 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 3    | 1      | 7      | 1.017     | 0.046     | 3.251 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 3    | 11     | 7      | 1.02      | 0.092     | 3.251 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 3    | 21     | 7      | 0.978     | 0.059     | 3.251 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 3    | 31     | 7      | 1.04      | 0.125     | 3.251 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 3    | 41     | 7      | 1.093     | 0.026     | 3.251 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 3    | 51     | 7      | 1.037     | 0.105     | 3.251 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 4    | 1      | 7      | 1.024     | 0.135     | 3.251 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 4    | 11     | 7      | 1.007     | 0.102     | 3.251 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 4    | 21     | 7      | 1.037     | 0.062     | 3.251 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 4    | 31     | 7      | 1.04      | 0.066     | 3.251 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 21  | 4    | 41     | 7      | 1.066     | 0.066     | 3.251 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 156        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 21  | 4    | 51     | 7      | 1.017     | 0.108     | 3.251 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 5    | 1      | 7      | 0.997     | 0.092     | 3.251 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 5    | 11     | 7      | 1.047     | 0.115     | 3.251 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 0    | 156        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 21  | 5    | 21     | 7      | 1.037     | 0.085     | 3.251 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 5    | 31     | 7      | 1.063     | 0.069     | 3.251 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 5    | 41     | 7      | 1.033     | 0.075     | 3.251 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 5    | 51     | 7      | 1.063     | 0.056     | 3.251 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 6    | 1      | 7      | 1.027     | 0.082     | 3.251 | 0.013     | 0.01      | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 6    | 11     | 7      | 1.01      | 0.033     | 3.248 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 0    | 156        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 21  | 6    | 21     | 7      | 1.01      | 0.075     | 3.248 | 0.016     | 0.016     | 0         | 55.9 | 56.3 | 0    | 157        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 21  | 6    | 31     | 7      | 1.01      | 0.066     | 3.248 | 0.016     | 0.013     | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 6    | 41     | 7      | 1.033     | 0.062     | 3.251 | 0.016     | 0.016     | 0         | 56.8 | 55.9 | 0    | 157        | 157        | 0          | 25     | 27     |
| 2009 | 6     | 21  | 6    | 51     | 7      | 1.05      | 0.056     | 3.251 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 7    | 1      | 7      | 1.02      | 0.089     | 3.248 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 7    | 11     | 7      | 1.063     | 0.033     | 3.248 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 7    | 21     | 7      | 1.033     | 0.072     | 3.248 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 7    | 31     | 7      | 1.043     | 0.066     | 3.248 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 7    | 41     | 7      | 1.01      | 0.056     | 3.248 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 7    | 51     | 7      | 1.03      | 0.095     | 3.248 | 0.016     | 0.016     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 21  | 8    | 1      | 7      | 1.047     | 0.069     | 3.248 | 0.02      | 0.016     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 8    | 11     | 7      | 0.988     | 0.118     | 3.248 | 0.016     | 0.016     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 8    | 21     | 7      | 1.02      | 0.098     | 3.248 | 0.013     | 0.01      | 0         | 57.2 | 57.2 | 0    | 159        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 8    | 31     | 7      | 1.02      | 0.049     | 3.248 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 8    | 41     | 7      | 1.033     | 0.026     | 3.248 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 156        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 8    | 51     | 7      | 1.024     | 0.072     | 3.248 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 9    | 1      | 7      | 1.053     | 0.039     | 3.248 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 9    | 11     | 7      | 1.096     | 0.059     | 3.248 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 9    | 21     | 7      | 1.024     | 0.043     | 3.248 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 9    | 31     | 7      | 1.033     | 0.056     | 3.248 | 0.013     | 0.01      | 0         | 55.9 | 55.5 | 0    | 155        | 155        | 0          | 25     | 26     |
| 2009 | 6     | 21  | 9    | 41     | 7      | 1.047     | 0.062     | 3.248 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 21  | 9    | 51     | 7      | 1.03      | 0.043     | 3.248 | 0.01      | 0.007     | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 21  | 10   | 1      | 7      | 1.04      | 0.043     | 3.245 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 10   | 11     | 7      | 1.04      | 0.052     | 3.248 | 0.016     | 0.016     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 10   | 21     | 7      | 1.024     | 0.069     | 3.248 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 10   | 31     | 7      | 1.04      | 0.033     | 3.245 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 10   | 41     | 7      | 1.024     | 0.069     | 3.245 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 10   | 51     | 7      | 1.024     | 0.072     | 3.245 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 11   | 1      | 7      | 1.014     | 0.095     | 3.245 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 11   | 11     | 7      | 1.04      | 0.056     | 3.241 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 153        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 11   | 21     | 7      | 1.014     | 0.056     | 3.238 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 11   | 31     | 7      | 1.033     | 0.039     | 3.238 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 11   | 41     | 7      | 1.02      | 0.062     | 3.238 | 0.016     | 0.016     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 11   | 51     | 7      | 1.076     | 0.075     | 3.235 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 12   | 1      | 7      | 1.02      | 0.069     | 3.238 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 12   | 11     | 7      | 1.024     | 0.089     | 3.232 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 12   | 21     | 7      | 1.06      | 0.036     | 3.232 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 12   | 31     | 7      | 1.073     | 0.043     | 3.232 | 0.016     | 0.013     | 0         | 54.2 | 53.8 | 0    | 152        | 152        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 12   | 41     | 7      | 1.063     | 0.075     | 3.232 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 151        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 12   | 51     | 7      | 1.03      | 0.023     | 3.228 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 0    | 151        | 152        | 0          | 27     | 26     |
| 2009 | 6     | 21  | 13   | 1      | 7      | 1.076     | 0.056     | 3.232 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 13   | 11     | 7      | 1.06      | 0.046     | 3.232 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 13   | 21     | 7      | 1.047     | 0.072     | 3.232 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 13   | 31     | 7      | 1.027     | 0.013     | 3.232 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 13   | 41     | 7      | 1.053     | 0.039     | 3.228 | 0.02      | 0.016     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 13   | 51     | 7      | 1.063     | 0.033     | 3.232 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 14   | 1      | 7      | 1.056     | 0.039     | 3.228 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 153        | 154        | 0          | 25     | 26     |
| 2009 | 6     | 21  | 14   | 11     | 7      | 1.01      | 0.02      | 3.228 | 0.016     | 0.013     | 0         | 54.2 | 55   | 0    | 153        | 153        | 0          | 27     | 25     |
| 2009 | 6     | 21  | 14   | 21     | 7      | 1.03      | 0.03      | 3.228 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 14   | 31     | 7      | 1.089     | 0.026     | 3.228 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 154        | 154        | 0          | 25     | 26     |
| 2009 | 6     | 21  | 14   | 41     | 7      | 1.03      | 0.046     | 3.228 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 14   | 51     | 7      | 1.043     | 0.039     | 3.228 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 15   | 1      | 7      | 1.053     | 0.059     | 3.228 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 15   | 11     | 7      | 1.06      | -0.013    | 3.228 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 15   | 21     | 7      | 1.047     | 0.003     | 3.228 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 152        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 15   | 31     | 7      | 1.047     | 0.049     | 3.228 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 15   | 41     | 7      | 1.047     | 0.043     | 3.225 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 15   | 51     | 7      | 1.073     | 0.03      | 3.225 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 21  | 16   | 1      | 7      | 1.047     | 0.056     | 3.225 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 16   | 11     | 7      | 0.997     | 0.03      | 3.228 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 16   | 21     | 7      | 1.014     | 0.095     | 3.228 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 16   | 31     | 7      | 1.073     | 0.01      | 3.225 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 16   | 41     | 7      | 1.024     | 0.036     | 3.225 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 16   | 51     | 7      | 1.03      | 0.03      | 3.225 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 17   | 1      | 7      | 1.053     | 0.007     | 3.225 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 17   | 11     | 7      | 1.056     | 0.036     | 3.225 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 17   | 21     | 7      | 1.06      | 0.092     | 3.225 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 21  | 17   | 31     | 7      | 1.06      | 0.082     | 3.222 | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 17   | 41     | 7      | 1.083     | 0.052     | 3.222 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 153        | 0          | 26     | 25     |
| 2009 | 6     | 21  | 17   | 51     | 7      | 1.033     | 0.02      | 3.222 | 0.016     | 0.016     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 18   | 1      | 7      | 1.056     | 0.039     | 3.222 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 18   | 11     | 7      | 1.043     | 0.062     | 3.222 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 18   | 21     | 7      | 1.073     | 0.026     | 3.222 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 153        | 154        | 0          | 25     | 27     |
| 2009 | 6     | 21  | 18   | 31     | 7      | 1.001     | 0.112     | 3.222 | 0.02      | 0.016     | 0         | 55.5 | 55.9 | 0    | 156        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 21  | 18   | 41     | 7      | 1.086     | 0.039     | 3.222 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 18   | 51     | 7      | 1.063     | 0.075     | 3.222 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 19   | 1      | 7      | 1.053     | 0.066     | 3.222 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 19   | 11     | 7      | 1.05      | 0.01      | 3.222 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 19   | 21     | 7      | 1.053     | 0.072     | 3.222 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 19   | 31     | 7      | 1.017     | 0.095     | 3.222 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 19   | 41     | 7      | 1.033     | 0.046     | 3.219 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 19   | 51     | 7      | 1.053     | 0.062     | 3.219 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 20   | 1      | 7      | 1.037     | 0.02      | 3.222 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 20   | 11     | 7      | 1.037     | 0.056     | 3.222 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 20   | 21     | 7      | 0.994     | 0.052     | 3.222 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 20   | 31     | 7      | 1.024     | 0.023     | 3.219 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 20   | 41     | 7      | 0.968     | 0.03      | 3.222 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 20   | 51     | 7      | 1.06      | 0.059     | 3.222 | 0.016     | 0.016     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 21   | 1      | 7      | 1.007     | 0.072     | 3.222 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 21   | 11     | 7      | 1.017     | 0.03      | 3.222 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 21   | 21     | 7      | 1.02      | 0.085     | 3.222 | 0.016     | 0.016     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 21   | 31     | 7      | 1.063     | 0.062     | 3.219 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 21   | 41     | 7      | 1.007     | 0.082     | 3.219 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 21   | 51     | 7      | 1.03      | 0.03      | 3.219 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 22   | 1      | 7      | 1.04      | 0.082     | 3.219 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 22   | 11     | 7      | 1.007     | 0.072     | 3.219 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 22   | 21     | 7      | 0.938     | 0.115     | 3.219 | 0.013     | 0.01      | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 22   | 31     | 7      | 1.024     | 0.056     | 3.219 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 22   | 41     | 7      | 0.951     | 0.092     | 3.219 | 0.016     | 0.016     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 22   | 51     | 7      | 1.03      | 0.072     | 3.219 | 0.016     | 0.013     | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 21  | 23   | 1      | 7      | 1.03      | 0.092     | 3.219 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 23   | 11     | 7      | 0.981     | 0.125     | 3.219 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 21  | 23   | 21     | 7      | 0.994     | 0.079     | 3.219 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 23   | 31     | 7      | 1.024     | 0.075     | 3.219 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 21  | 23   | 41     | 7      | 1.02      | 0.052     | 3.219 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 21  | 23   | 51     | 7      | 1.007     | 0.085     | 3.219 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 22  | 0    | 1      | 7      | 1.027     | 0.072     | 3.219 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 155        | 155        | 0          | 25     | 26     |
| 2009 | 6     | 22  | 0    | 11     | 7      | 1.043     | 0.075     | 3.219 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 0    | 21     | 7      | 1.004     | 0.072     | 3.219 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 0    | 31     | 7      | 0.997     | 0.095     | 3.219 | 0.013     | 0.01      | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 0    | 41     | 7      | 1.004     | 0.102     | 3.219 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 0    | 51     | 7      | 1.033     | 0.075     | 3.219 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 1    | 1      | 7      | 0.988     | 0.105     | 3.219 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 1    | 11     | 7      | 1.001     | 0.089     | 3.219 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 1    | 21     | 7      | 0.968     | 0.115     | 3.219 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 1    | 31     | 7      | 1.02      | 0.036     | 3.219 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 22  | 1    | 41     | 7      | 1.007     | 0.075     | 3.219 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 1    | 51     | 7      | 1.053     | 0.069     | 3.219 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 2    | 1      | 7      | 1.007     | 0.066     | 3.219 | 0.01      | 0.007     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 2    | 11     | 7      | 0.968     | 0.059     | 3.219 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 2    | 21     | 7      | 0.984     | 0.059     | 3.219 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 2    | 31     | 7      | 1.01      | 0.085     | 3.219 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 2    | 41     | 7      | 1.033     | 0.043     | 3.219 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 2    | 51     | 7      | 1.03      | 0.056     | 3.219 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 3    | 1      | 7      | 1.01      | 0.043     | 3.219 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 22  | 3    | 11     | 7      | 1.05      | 0.085     | 3.219 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 3    | 21     | 7      | 0.984     | 0.059     | 3.219 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 3    | 31     | 7      | 1.017     | 0.059     | 3.219 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 3    | 41     | 7      | 1.05      | 0         | 3.219 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 22  | 3    | 51     | 7      | 0.991     | 0.056     | 3.219 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 4    | 1      | 7      | 1.001     | 0.089     | 3.219 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 4    | 11     | 7      | 1.007     | 0.105     | 3.219 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 4    | 21     | 7      | 1.047     | 0.079     | 3.219 | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 4    | 31     | 7      | 1.02      | 0.049     | 3.219 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 4    | 41     | 7      | 1.017     | 0.102     | 3.219 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 4    | 51     | 7      | 1.004     | 0.072     | 3.219 | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 0    | 157        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 5    | 1      | 7      | 0.997     | 0.026     | 3.219 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 5    | 11     | 7      | 0.994     | 0.089     | 3.219 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 5    | 21     | 7      | 1.004     | 0.052     | 3.219 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 5    | 31     | 7      | 1.02      | 0.043     | 3.219 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 22  | 5    | 41     | 7      | 0.988     | 0.052     | 3.219 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 5    | 51     | 7      | 0.971     | 0.052     | 3.219 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 6    | 1      | 7      | 0.997     | 0.085     | 3.219 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 22  | 6    | 11     | 7      | 1.02      | 0.033     | 3.219 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 6    | 21     | 7      | 1.017     | 0.085     | 3.219 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 6    | 31     | 7      | 1.047     | 0.043     | 3.219 | 0.02      | 0.016     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 6    | 41     | 7      | 1.007     | 0.072     | 3.219 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 6    | 51     | 7      | 1.04      | 0.043     | 3.219 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 7    | 1      | 7      | 1.033     | 0.056     | 3.219 | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 7    | 11     | 7      | 1.014     | 0.056     | 3.219 | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 7    | 21     | 7      | 1.004     | 0.072     | 3.219 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 7    | 31     | 7      | 1.04      | 0.052     | 3.219 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 7    | 42     | 15     | 1.001     | 0.079     | 3.219 | 0.016     | 0.013     | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 7    | 52     | 15     | 1.043     | 0.062     | 3.219 | 0.016     | 0.013     | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 22  | 8    | 2      | 15     | 1.056     | 0.049     | 3.219 | 0.016     | 0.016     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 8    | 12     | 15     | 1.04      | 0.095     | 3.219 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 8    | 22     | 15     | 1.024     | 0.036     | 3.219 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 8    | 32     | 15     | 1.01      | 0.056     | 3.219 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 157        | 156        | 0          | 28     | 27     |
| 2009 | 6     | 22  | 8    | 42     | 15     | 1.056     | 0.082     | 3.219 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 8    | 52     | 15     | 1.05      | 0.089     | 3.219 | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 157        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 9    | 2      | 15     | 1.043     | 0.069     | 3.219 | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 9    | 12     | 15     | 1.014     | 0.085     | 3.215 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 156        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 22  | 9    | 22     | 15     | 1.037     | 0.049     | 3.215 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 9    | 32     | 15     | 1.03      | 0.092     | 3.215 | 0.02      | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 9    | 42     | 15     | 1.063     | 0.039     | 3.215 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 9    | 52     | 15     | 1.004     | 0.059     | 3.215 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 10   | 2      | 15     | 1.05      | 0.02      | 3.215 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 10   | 12     | 15     | 1.063     | 0.039     | 3.215 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 157        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 10   | 22     | 15     | 1.027     | 0.089     | 3.215 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 0    | 156        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 22  | 10   | 32     | 15     | 0.997     | 0.036     | 3.215 | 0.016     | 0.016     | 0         | 56.3 | 55.5 | 0    | 157        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 10   | 42     | 15     | 1.027     | 0.033     | 3.215 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 0    | 156        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 22  | 10   | 52     | 15     | 0.991     | 0.072     | 3.215 | 0.016     | 0.013     | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 11   | 2      | 15     | 0.994     | 0.108     | 3.215 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 157        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 11   | 12     | 15     | 1.004     | 0.079     | 3.215 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 11   | 22     | 15     | 1.05      | 0.069     | 3.215 | 0.013     | 0.01      | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 11   | 32     | 15     | 0.988     | 0.095     | 3.215 | 0.016     | 0.013     | 0         | 56.8 | 56.3 | 0    | 158        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 11   | 42     | 15     | 1.024     | 0.112     | 3.215 | 0.01      | 0.007     | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 11   | 52     | 15     | 1.024     | 0.092     | 3.215 | 0.01      | 0.007     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 12   | 2      | 15     | 0.997     | 0.049     | 3.219 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 12   | 12     | 15     | 1.047     | 0.085     | 3.215 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 12   | 22     | 15     | 1.02      | 0.046     | 3.219 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 12   | 32     | 15     | 1.017     | 0.082     | 3.215 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 12   | 42     | 15     | 1.007     | 0.082     | 3.215 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 12   | 52     | 15     | 1.004     | 0.059     | 3.215 | 0.016     | 0.016     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 22  | 13   | 2      | 15     | 0.988     | 0.036     | 3.215 | 0.013     | 0.01      | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 13   | 12     | 15     | 0.984     | 0.059     | 3.215 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 13   | 22     | 15     | 0.997     | 0.059     | 3.215 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 13   | 32     | 15     | 1.03      | 0.092     | 3.215 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 13   | 42     | 15     | 0.971     | 0.125     | 3.215 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 13   | 52     | 15     | 1.02      | 0.039     | 3.212 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 14   | 2      | 15     | 1.027     | 0.059     | 3.212 | 0.016     | 0.016     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 14   | 12     | 15     | 0.981     | 0.089     | 3.212 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 14   | 22     | 15     | 0.974     | 0.095     | 3.209 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 14   | 32     | 15     | 1.027     | 0.043     | 3.209 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 14   | 42     | 15     | 1.047     | 0.082     | 3.205 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 14   | 52     | 15     | 1.024     | 0.075     | 3.202 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 15   | 2      | 15     | 1.02      | 0.072     | 3.202 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 15   | 12     | 15     | 1.01      | 0.013     | 3.202 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 15   | 22     | 15     | 1.014     | 0.043     | 3.202 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 15   | 32     | 15     | 1.014     | 0.082     | 3.202 | 0.01      | 0.007     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 15   | 42     | 15     | 1.05      | 0.03      | 3.202 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 15   | 52     | 15     | 1.043     | -0.016    | 3.205 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 22  | 16   | 2      | 15     | 1.043     | 0.066     | 3.202 | 0.02      | 0.016     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 16   | 12     | 15     | 0.951     | 0.079     | 3.202 | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 16   | 22     | 15     | 1.014     | 0.016     | 3.199 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 16   | 32     | 15     | 1.043     | 0.013     | 3.202 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 16   | 42     | 15     | 1.043     | 0.062     | 3.196 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 16   | 52     | 15     | 1.04      | 0.062     | 3.199 | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 17   | 2      | 15     | 0.942     | 0.079     | 3.199 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 153        | 154        | 0          | 25     | 26     |
| 2009 | 6     | 22  | 17   | 12     | 15     | 0.984     | 0.052     | 3.202 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 17   | 22     | 15     | 0.965     | 0.115     | 3.196 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 17   | 32     | 15     | 0.988     | 0.075     | 3.196 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 17   | 42     | 15     | 1.037     | 0.033     | 3.199 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 17   | 52     | 15     | 0.978     | 0.085     | 3.196 | 0.016     | 0.016     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 22  | 18   | 2      | 15     | 1.004     | 0.043     | 3.196 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 18   | 12     | 15     | 1.02      | 0.056     | 3.192 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 18   | 22     | 15     | 0.955     | 0.089     | 3.196 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 22  | 18   | 32     | 15     | 1.017     | 0.03      | 3.196 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 18   | 42     | 15     | 1.01      | 0.03      | 3.192 | 0.01      | 0.007     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 18   | 52     | 15     | 1.007     | 0.016     | 3.192 | 0.016     | 0.016     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 19   | 2      | 15     | 1.04      | 0.059     | 3.192 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 19   | 12     | 15     | 1.043     | 0.052     | 3.192 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 19   | 22     | 15     | 1.047     | 0.059     | 3.192 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 19   | 32     | 15     | 0.984     | 0.069     | 3.192 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 19   | 42     | 15     | 0.991     | 0.066     | 3.192 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 19   | 52     | 15     | 0.997     | 0.082     | 3.192 | 0.016     | 0.016     | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 22  | 20   | 2      | 15     | 1.017     | 0.079     | 3.192 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 20   | 12     | 15     | 0.981     | 0.072     | 3.192 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 20   | 22     | 15     | 0.988     | 0.049     | 3.192 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 20   | 32     | 15     | 0.991     | 0.066     | 3.192 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 20   | 42     | 15     | 0.984     | 0.108     | 3.189 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 20   | 52     | 15     | 1.02      | 0.062     | 3.192 | 0.02      | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 21   | 2      | 15     | 1.027     | 0.105     | 3.192 | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 21   | 12     | 15     | 1.053     | 0.112     | 3.192 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 21   | 22     | 15     | 0.948     | 0.075     | 3.192 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 21   | 32     | 15     | 1.02      | 0.072     | 3.192 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 0    | 156        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 22  | 21   | 42     | 15     | 1.047     | 0.079     | 3.189 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 21   | 52     | 15     | 0.994     | 0.072     | 3.189 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 22   | 2      | 15     | 0.955     | 0.079     | 3.189 | 0.016     | 0.013     | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 22  | 22   | 12     | 15     | 1.043     | 0.049     | 3.189 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 22   | 22     | 15     | 1.027     | 0.072     | 3.189 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 22   | 32     | 15     | 1.007     | 0.085     | 3.192 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 22   | 42     | 15     | 1.027     | 0.089     | 3.192 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 22   | 52     | 15     | 0.935     | 0.092     | 3.189 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 23   | 2      | 15     | 0.988     | 0.056     | 3.192 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 23   | 12     | 15     | 0.988     | 0.079     | 3.189 | 0.016     | 0.016     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 23   | 22     | 15     | 0.965     | 0.085     | 3.192 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 22  | 23   | 32     | 15     | 0.994     | 0.066     | 3.192 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 23   | 42     | 15     | 0.935     | 0.115     | 3.192 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 22  | 23   | 52     | 15     | 1.014     | 0.062     | 3.192 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 23  | 0    | 2      | 15     | 0.968     | 0.075     | 3.196 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 0    | 12     | 15     | 0.981     | 0.079     | 3.192 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 0    | 22     | 15     | 1.007     | 0.098     | 3.192 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 0    | 32     | 15     | 1.033     | 0.066     | 3.192 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 0    | 42     | 15     | 0.991     | 0.118     | 3.196 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 0    | 52     | 15     | 1.02      | 0.108     | 3.196 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 1    | 2      | 15     | 1.007     | 0.059     | 3.196 | 0.016     | 0.016     | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 1    | 12     | 15     | 1.02      | 0.082     | 3.196 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 1    | 22     | 15     | 0.958     | 0.066     | 3.196 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 1    | 32     | 15     | 1.02      | 0.095     | 3.196 | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 1    | 42     | 15     | 1.024     | 0.056     | 3.196 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 1    | 52     | 15     | 0.988     | 0.072     | 3.196 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 2    | 2      | 15     | 1.004     | 0.098     | 3.199 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 2    | 12     | 15     | 0.968     | 0.082     | 3.199 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 2    | 22     | 15     | 1.014     | 0.079     | 3.199 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 2    | 32     | 15     | 1.001     | 0.066     | 3.199 | 0.02      | 0.016     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 2    | 42     | 15     | 0.991     | 0.072     | 3.199 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 2    | 52     | 15     | 1.001     | 0.115     | 3.202 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 3    | 2      | 15     | 1.01      | 0.092     | 3.199 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 3    | 12     | 15     | 1.004     | 0.072     | 3.199 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 3    | 22     | 15     | 1.014     | 0.062     | 3.199 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 3    | 32     | 15     | 1.001     | 0.082     | 3.199 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 3    | 42     | 15     | 1.01      | 0.066     | 3.202 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 3    | 52     | 15     | 1.02      | 0.049     | 3.202 | 0.016     | 0.016     | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 4    | 2      | 15     | 1.017     | 0.105     | 3.202 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 156        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 4    | 12     | 15     | 1.007     | 0.056     | 3.202 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 4    | 22     | 15     | 1.03      | 0.043     | 3.202 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 4    | 32     | 15     | 0.984     | 0.085     | 3.202 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 4    | 42     | 15     | 1.01      | 0.026     | 3.202 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 4    | 52     | 15     | 0.981     | 0.102     | 3.202 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 5    | 2      | 15     | 0.978     | 0.072     | 3.202 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 5    | 12     | 15     | 1.024     | 0.033     | 3.202 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 5    | 22     | 15     | 1.001     | 0.079     | 3.202 | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 5    | 32     | 15     | 1.001     | 0.052     | 3.205 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 157        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 5    | 42     | 15     | 0.997     | 0.075     | 3.202 | 0.013     | 0.01      | 0         | 56.3 | 56.3 | 0    | 157        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 5    | 52     | 15     | 0.988     | 0.039     | 3.202 | 0.016     | 0.016     | 0         | 56.3 | 56.3 | 0    | 158        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 6    | 2      | 15     | 0.968     | 0.079     | 3.202 | 0.013     | 0.01      | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 6    | 12     | 15     | 0.968     | 0.062     | 3.202 | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 0    | 157        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 6    | 22     | 15     | 1.02      | 0.033     | 3.202 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 6    | 32     | 15     | 1.017     | 0.056     | 3.202 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 157        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 6    | 42     | 15     | 0.991     | 0.085     | 3.205 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 157        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 6    | 52     | 15     | 1.03      | 0.098     | 3.205 | 0.016     | 0.016     | 0         | 55.9 | 56.3 | 0    | 157        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 7    | 2      | 15     | 1.027     | 0.062     | 3.202 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 7    | 12     | 15     | 1.001     | 0.121     | 3.202 | 0.016     | 0.013     | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 7    | 22     | 15     | 0.994     | 0.059     | 3.205 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 7    | 32     | 15     | 0.974     | 0.092     | 3.202 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 156        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 7    | 42     | 15     | 0.978     | 0.102     | 3.202 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 7    | 52     | 15     | 1.04      | 0.059     | 3.205 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 23  | 8    | 2      | 15     | 1.001     | 0.046     | 3.205 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 8    | 12     | 15     | 0.981     | 0.085     | 3.205 | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 8    | 22     | 15     | 1.02      | 0.039     | 3.202 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 8    | 32     | 15     | 1.014     | 0.043     | 3.202 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 8    | 42     | 15     | 1.04      | 0.043     | 3.202 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 8    | 52     | 15     | 0.978     | 0.069     | 3.202 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 9    | 2      | 15     | 0.988     | 0.059     | 3.202 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 155        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 9    | 12     | 15     | 1.01      | 0.066     | 3.202 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 9    | 22     | 15     | 0.978     | 0.082     | 3.202 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 9    | 32     | 15     | 0.965     | 0.03      | 3.202 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 9    | 42     | 15     | 1.047     | 0.069     | 3.202 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 9    | 52     | 15     | 0.955     | 0.043     | 3.202 | 0.016     | 0.013     | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 10   | 2      | 15     | 0.981     | 0.056     | 3.202 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 10   | 12     | 15     | 0.984     | 0.085     | 3.202 | 0.016     | 0.013     | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 10   | 22     | 15     | 1.014     | 0.066     | 3.202 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 10   | 32     | 15     | 0.988     | 0.066     | 3.202 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 10   | 42     | 15     | 1.017     | 0.062     | 3.199 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 10   | 52     | 15     | 1.001     | 0.072     | 3.199 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 11   | 2      | 15     | 1.007     | 0.043     | 3.199 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 11   | 12     | 15     | 1.027     | 0.072     | 3.199 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 11   | 22     | 15     | 1.03      | 0.036     | 3.196 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 11   | 32     | 15     | 1.017     | 0         | 3.192 | 0.016     | 0.016     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 11   | 42     | 15     | 1.033     | 0.066     | 3.192 | 0.013     | 0.01      | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 11   | 52     | 15     | 1.02      | 0.075     | 3.192 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 12   | 2      | 15     | 1.007     | 0.043     | 3.189 | 0.016     | 0.016     | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 12   | 12     | 15     | 1.014     | 0.062     | 3.189 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 12   | 22     | 15     | 0.997     | 0.062     | 3.192 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 12   | 32     | 15     | 0.997     | 0.033     | 3.189 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 12   | 42     | 15     | 0.981     | 0.059     | 3.189 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 12   | 52     | 15     | 0.997     | 0.007     | 3.186 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 13   | 2      | 15     | 1.01      | 0.026     | 3.186 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 13   | 12     | 15     | 0.988     | 0.049     | 3.186 | 0.016     | 0.016     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 13   | 22     | 15     | 1.033     | 0.013     | 3.186 | 0.016     | 0.016     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 13   | 32     | 15     | 1.004     | 0.089     | 3.186 | 0.016     | 0.016     | 0         | 55.5 | 55   | 0    | 154        | 155        | 0          | 25     | 27     |
| 2009 | 6     | 23  | 13   | 42     | 15     | 1.004     | 0.046     | 3.189 | 0.016     | 0.016     | 0         | 55.9 | 55   | 0    | 155        | 155        | 0          | 25     | 27     |
| 2009 | 6     | 23  | 13   | 52     | 15     | 1.033     | 0.043     | 3.186 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 14   | 2      | 15     | 0.994     | 0.036     | 3.186 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 156        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 14   | 12     | 15     | 0.971     | 0.092     | 3.186 | 0.016     | 0.013     | 0         | 56.8 | 56.8 | 0    | 158        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 14   | 22     | 15     | 0.994     | 0.059     | 3.186 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 14   | 32     | 15     | 1.043     | 0.02      | 3.186 | 0.016     | 0.016     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 14   | 42     | 15     | 0.978     | 0.03      | 3.186 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 14   | 52     | 15     | 1.037     | 0.023     | 3.186 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 15   | 2      | 15     | 0.994     | 0.033     | 3.186 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 15   | 12     | 15     | 1.04      | 0.016     | 3.186 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 15   | 22     | 15     | 0.994     | 0.049     | 3.186 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 15   | 32     | 15     | 0.965     | 0.043     | 3.189 | 0.016     | 0.016     | 0         | 55.9 | 55.5 | 0    | 155        | 155        | 0          | 25     | 26     |
| 2009 | 6     | 23  | 15   | 42     | 15     | 1.053     | -0.013    | 3.186 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 154        | 0          | 26     | 25     |
| 2009 | 6     | 23  | 15   | 52     | 15     | 1.053     | 0.026     | 3.186 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 23  | 16   | 2      | 15     | 1.027     | 0.043     | 3.186 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 16   | 12     | 15     | 1.017     | 0.03      | 3.182 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 16   | 22     | 15     | 1.033     | 0.043     | 3.182 | 0.016     | 0.016     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 16   | 32     | 15     | 1.024     | 0.03      | 3.186 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 16   | 42     | 15     | 1.05      | 0.036     | 3.182 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 16   | 52     | 15     | 1.01      | 0.026     | 3.186 | 0.016     | 0.016     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 17   | 2      | 15     | 1.007     | 0.043     | 3.182 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 17   | 12     | 15     | 0.984     | 0.085     | 3.182 | 0.016     | 0.013     | 0         | 55.9 | 55   | 0    | 155        | 155        | 0          | 25     | 27     |
| 2009 | 6     | 23  | 17   | 22     | 15     | 0.991     | 0.036     | 3.182 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 17   | 32     | 15     | 1.007     | 0.023     | 3.182 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 17   | 42     | 15     | 1.053     | 0.062     | 3.182 | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 17   | 52     | 15     | 1.02      | 0.043     | 3.179 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 18   | 2      | 15     | 0.978     | 0.062     | 3.182 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 18   | 12     | 15     | 1.03      | 0.056     | 3.179 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 18   | 22     | 15     | 0.978     | 0.03      | 3.182 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 18   | 32     | 15     | 1.037     | 0.085     | 3.179 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 18   | 42     | 15     | 1.004     | 0.007     | 3.179 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 18   | 52     | 15     | 0.994     | 0.072     | 3.179 | 0.016     | 0.016     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 19   | 2      | 15     | 0.991     | 0.049     | 3.179 | 0.023     | 0.02      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 19   | 12     | 15     | 1.001     | 0.036     | 3.179 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 19   | 22     | 15     | 0.997     | 0.059     | 3.179 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 19   | 32     | 15     | 1.007     | 0.007     | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 19   | 42     | 15     | 1.027     | -0.013    | 3.179 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 19   | 52     | 15     | 0.955     | 0.079     | 3.176 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 20   | 2      | 15     | 0.981     | 0.098     | 3.176 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 20   | 12     | 15     | 1.024     | 0.043     | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 20   | 22     | 15     | 0.958     | 0.092     | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 20   | 32     | 15     | 0.988     | 0.052     | 3.176 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 20   | 42     | 15     | 1.007     | 0.043     | 3.176 | 0.02      | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 20   | 52     | 15     | 0.965     | 0.059     | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 21   | 2      | 15     | 0.991     | 0.043     | 3.176 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 23  | 21   | 12     | 15     | 0.951     | 0.092     | 3.176 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 21   | 22     | 15     | 1.001     | 0.072     | 3.176 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 156        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 21   | 32     | 15     | 1.004     | 0.052     | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 156        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 21   | 42     | 15     | 1.004     | 0.01      | 3.176 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 21   | 52     | 15     | 0.981     | 0.095     | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 22   | 2      | 15     | 0.991     | 0.049     | 3.176 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 22   | 12     | 15     | 1.027     | 0.046     | 3.176 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 22   | 22     | 15     | 1.01      | 0.026     | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 22   | 32     | 15     | 0.978     | 0.03      | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 22   | 42     | 15     | 0.991     | 0.082     | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 22   | 52     | 15     | 0.988     | 0.062     | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 23   | 2      | 15     | 1.01      | 0.072     | 3.176 | 0.013     | 0.01      | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 23   | 12     | 15     | 0.951     | 0.118     | 3.176 | 0.016     | 0.013     | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 23  | 23   | 22     | 15     | 1.027     | 0.043     | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 23   | 32     | 15     | 0.994     | 0.059     | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 23  | 23   | 42     | 15     | 0.984     | 0.039     | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 23  | 23   | 52     | 15     | 0.978     | 0.095     | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 24  | 0    | 2      | 15     | 0.988     | 0.085     | 3.176 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 0    | 12     | 15     | 1.01      | 0.036     | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 0    | 22     | 15     | 0.948     | 0.095     | 3.176 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 0    | 32     | 15     | 0.968     | 0.102     | 3.176 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 0    | 42     | 15     | 0.997     | 0.085     | 3.176 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 0    | 52     | 15     | 0.981     | 0.079     | 3.176 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 1    | 2      | 15     | 0.978     | 0.085     | 3.176 | 0.016     | 0.013     | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 1    | 12     | 15     | 0.981     | 0.089     | 3.176 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 1    | 22     | 15     | 1.014     | 0.069     | 3.176 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 1    | 32     | 15     | 0.988     | 0.121     | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 156        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 24  | 1    | 42     | 15     | 0.942     | 0.072     | 3.176 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 1    | 52     | 15     | 0.974     | 0.066     | 3.176 | 0.02      | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 2    | 2      | 15     | 1.03      | 0.043     | 3.173 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 2    | 12     | 15     | 0.981     | 0.079     | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 156        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 24  | 2    | 22     | 15     | 0.958     | 0.056     | 3.176 | 0.016     | 0.013     | 0         | 56.8 | 56.8 | 0    | 158        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 2    | 32     | 15     | 0.935     | 0.108     | 3.176 | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 2    | 42     | 15     | 0.968     | 0.098     | 3.176 | 0.016     | 0.013     | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 2    | 52     | 15     | 1.007     | 0.062     | 3.176 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 3    | 2      | 15     | 0.991     | 0.049     | 3.176 | 0.013     | 0.01      | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 3    | 12     | 15     | 1.043     | 0.043     | 3.176 | 0.016     | 0.013     | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 24  | 3    | 22     | 15     | 0.974     | 0.056     | 3.176 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 3    | 32     | 15     | 0.988     | 0.049     | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 156        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 3    | 42     | 15     | 0.945     | 0.072     | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 0    | 156        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 24  | 3    | 52     | 15     | 1.017     | 0.085     | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 4    | 2      | 15     | 0.988     | 0.062     | 3.176 | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 0    | 157        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 4    | 12     | 15     | 0.971     | 0.072     | 3.176 | 0.016     | 0.013     | 0         | 56.8 | 56.8 | 0    | 158        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 4    | 22     | 15     | 0.965     | 0.043     | 3.173 | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 157        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 4    | 32     | 15     | 0.988     | 0.069     | 3.173 | 0.016     | 0.013     | 0         | 56.8 | 56.3 | 0    | 158        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 4    | 42     | 15     | 1.017     | 0.085     | 3.176 | 0.016     | 0.016     | 0         | 56.3 | 56.3 | 0    | 157        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 4    | 52     | 15     | 1.05      | 0.036     | 3.176 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 5    | 2      | 15     | 0.968     | 0.079     | 3.173 | 0.016     | 0.016     | 0         | 56.3 | 57.2 | 0    | 158        | 159        | 0          | 27     | 26     |
| 2009 | 6     | 24  | 5    | 12     | 15     | 0.971     | 0.066     | 3.176 | 0.013     | 0.01      | 0         | 56.8 | 56.3 | 0    | 158        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 5    | 22     | 15     | 1.004     | 0.085     | 3.176 | 0.013     | 0.01      | 0         | 56.8 | 55.9 | 0    | 158        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 5    | 32     | 15     | 0.971     | 0.082     | 3.176 | 0.01      | 0.007     | 0         | 56.3 | 56.8 | 0    | 158        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 5    | 42     | 15     | 0.948     | 0.085     | 3.176 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 157        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 5    | 52     | 15     | 0.978     | 0.072     | 3.173 | 0.013     | 0.01      | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 6    | 2      | 15     | 0.965     | 0.079     | 3.173 | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 0    | 157        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 6    | 12     | 15     | 0.997     | 0.082     | 3.173 | 0.016     | 0.016     | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 6    | 22     | 15     | 0.971     | 0.108     | 3.173 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 156        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 6    | 32     | 15     | 0.988     | 0.072     | 3.173 | 0.016     | 0.013     | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 6    | 42     | 15     | 1.027     | 0.003     | 3.173 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 6    | 52     | 15     | 0.971     | 0.092     | 3.173 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 157        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 7    | 2      | 15     | 0.965     | 0.098     | 3.173 | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 157        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 7    | 12     | 15     | 1.014     | 0.056     | 3.176 | 0.02      | 0.016     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 7    | 22     | 15     | 0.994     | 0.075     | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 156        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 24  | 7    | 32     | 15     | 0.984     | 0.062     | 3.173 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 156        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 7    | 42     | 15     | 0.974     | 0.085     | 3.173 | 0.013     | 0.01      | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 7    | 52     | 15     | 1.017     | 0.072     | 3.173 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 24  | 8    | 2      | 15     | 0.978     | 0.072     | 3.173 | 0.02      | 0.016     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 8    | 12     | 15     | 0.984     | 0.102     | 3.173 | 0.016     | 0.016     | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 8    | 22     | 15     | 0.968     | 0.069     | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 8    | 32     | 15     | 0.991     | 0.079     | 3.173 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 8    | 42     | 15     | 0.971     | 0.082     | 3.173 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 8    | 52     | 15     | 0.955     | -0.013    | 3.173 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 24  | 9    | 2      | 15     | 1.001     | 0.105     | 3.173 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 9    | 12     | 15     | 0.997     | 0.03      | 3.173 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 9    | 22     | 15     | 1.017     | 0.046     | 3.173 | 0.016     | 0.016     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 24  | 9    | 32     | 15     | 0.968     | 0.128     | 3.176 | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 9    | 42     | 15     | 0.958     | 0.079     | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 9    | 52     | 15     | 0.997     | 0.085     | 3.176 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 10   | 2      | 15     | 1.024     | 0.043     | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 10   | 12     | 15     | 0.994     | 0.049     | 3.176 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 10   | 22     | 15     | 0.988     | 0.052     | 3.176 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 10   | 32     | 15     | 0.922     | 0.079     | 3.176 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 10   | 42     | 15     | 0.988     | 0.069     | 3.176 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 10   | 52     | 15     | 1.004     | 0.085     | 3.176 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 11   | 2      | 15     | 0.978     | 0.072     | 3.176 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 11   | 12     | 15     | 1.02      | 0.056     | 3.176 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 11   | 22     | 15     | 0.988     | 0.046     | 3.176 | 0.016     | 0.016     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 11   | 32     | 15     | 0.965     | 0.046     | 3.176 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 24  | 11   | 42     | 15     | 0.978     | 0.026     | 3.176 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 11   | 52     | 15     | 0.974     | 0.072     | 3.176 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 12   | 2      | 15     | 1.014     | 0.016     | 3.176 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 0    | 152        | 153        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 12   | 12     | 15     | 0.991     | 0         | 3.176 | 0.02      | 0.016     | 0         | 55   | 55   | 0    | 155        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 24  | 12   | 22     | 15     | 1.033     | 0         | 3.173 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 12   | 32     | 15     | 1.017     | 0.01      | 3.173 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 12   | 42     | 15     | 1.01      | 0.026     | 3.173 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 12   | 52     | 15     | 0.961     | 0.013     | 3.176 | 0.016     | 0.013     | 0         | 57.6 | 57.6 | 0    | 160        | 161        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 13   | 2      | 15     | 1.004     | 0.036     | 3.173 | 0.016     | 0.016     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 13   | 12     | 15     | 0.981     | 0.049     | 3.173 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 13   | 22     | 15     | 1.02      | 0.056     | 3.169 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 13   | 32     | 15     | 1.027     | 0.03      | 3.173 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 13   | 42     | 15     | 1.007     | 0.056     | 3.173 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 13   | 52     | 15     | 1.02      | 0.049     | 3.166 | 0.016     | 0.016     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 14   | 2      | 15     | 1.007     | 0.039     | 3.166 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 0    | 153        | 153        | 0          | 27     | 26     |
| 2009 | 6     | 24  | 14   | 12     | 15     | 0.997     | 0.007     | 3.173 | 0.02      | 0.016     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 14   | 22     | 15     | 0.945     | 0.03      | 3.169 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 14   | 32     | 15     | 1.007     | 0.059     | 3.169 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 14   | 42     | 15     | 0.991     | 0.026     | 3.163 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 14   | 52     | 15     | 0.991     | 0.059     | 3.166 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 15   | 2      | 15     | 1.014     | 0.013     | 3.163 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 15   | 12     | 15     | 0.984     | 0.036     | 3.163 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 0    | 153        | 154        | 0          | 26     | 25     |
| 2009 | 6     | 24  | 15   | 22     | 15     | 0.971     | 0.039     | 3.159 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 15   | 32     | 15     | 0.974     | 0.036     | 3.159 | 0.02      | 0.016     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 15   | 42     | 15     | 1.01      | 0.03      | 3.163 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 15   | 52     | 15     | 1.01      | 0.026     | 3.159 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 24  | 16   | 2      | 15     | 1.01      | 0.085     | 3.156 | 0.016     | 0.016     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 16   | 12     | 15     | 1.024     | 0.003     | 3.159 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 16   | 22     | 15     | 0.951     | 0.075     | 3.156 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 16   | 32     | 15     | 0.994     | 0.046     | 3.159 | 0.023     | 0.02      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 16   | 42     | 15     | 0.994     | 0.072     | 3.156 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 16   | 52     | 15     | 0.981     | 0.049     | 3.159 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 17   | 2      | 15     | 0.968     | 0.052     | 3.156 | 0.016     | 0.016     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 17   | 12     | 15     | 0.961     | 0.089     | 3.156 | 0.01      | 0.007     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 24  | 17   | 22     | 15     | 0.988     | 0.049     | 3.156 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 17   | 32     | 15     | 0.968     | 0.059     | 3.153 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 17   | 42     | 15     | 0.961     | 0.039     | 3.153 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 0    | 155        | 155        | 0          | 26     | 25     |
| 2009 | 6     | 24  | 17   | 52     | 15     | 0.974     | 0.089     | 3.153 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 18   | 2      | 15     | 0.942     | 0.089     | 3.153 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 18   | 12     | 15     | 1.001     | 0.052     | 3.15  | 0.016     | 0.016     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 18   | 22     | 15     | 1.01      | 0.069     | 3.153 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 18   | 32     | 15     | 0.991     | 0.046     | 3.15  | 0.016     | 0.016     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 18   | 42     | 15     | 0.991     | 0.085     | 3.15  | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 18   | 52     | 15     | 1.004     | 0.075     | 3.15  | 0.016     | 0.016     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 19   | 2      | 15     | 1.001     | 0.059     | 3.146 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 19   | 12     | 15     | 0.978     | 0.043     | 3.15  | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 19   | 22     | 15     | 0.951     | 0.102     | 3.146 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 19   | 32     | 15     | 1.02      | 0.069     | 3.15  | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 19   | 42     | 15     | 0.965     | 0.049     | 3.146 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 19   | 52     | 15     | 0.981     | 0.056     | 3.146 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 20   | 2      | 15     | 0.965     | 0.118     | 3.146 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 20   | 12     | 15     | 0.968     | 0.092     | 3.146 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 20   | 22     | 15     | 0.955     | 0.059     | 3.146 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 20   | 32     | 15     | 1.014     | 0.062     | 3.146 | 0.016     | 0.016     | 0         | 55   | 55.9 | 0    | 156        | 156        | 0          | 28     | 26     |
| 2009 | 6     | 24  | 20   | 42     | 15     | 0.994     | 0.131     | 3.146 | 0.02      | 0.016     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 20   | 52     | 15     | 0.965     | 0.049     | 3.146 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 21   | 2      | 15     | 0.984     | 0.118     | 3.146 | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 21   | 12     | 15     | 0.965     | 0.102     | 3.146 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 21   | 22     | 15     | 0.951     | 0.089     | 3.146 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 156        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 24  | 21   | 32     | 15     | 0.958     | 0.056     | 3.146 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 21   | 42     | 15     | 0.981     | 0.089     | 3.146 | 0.016     | 0.016     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 21   | 52     | 15     | 0.965     | 0.131     | 3.146 | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 22   | 2      | 15     | 0.965     | 0.079     | 3.146 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 22   | 12     | 15     | 0.978     | 0.062     | 3.146 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 22   | 22     | 15     | 0.994     | 0.059     | 3.146 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 22   | 32     | 15     | 0.948     | 0.089     | 3.146 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 22   | 42     | 15     | 0.961     | 0.046     | 3.146 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 22   | 52     | 15     | 0.974     | 0.089     | 3.146 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 23   | 2      | 15     | 0.942     | 0.075     | 3.146 | 0.013     | 0.01      | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 23   | 12     | 15     | 0.994     | 0.075     | 3.146 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 24  | 23   | 22     | 15     | 0.932     | 0.082     | 3.146 | 0.013     | 0.01      | 0         | 56.8 | 56.3 | 0    | 158        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 24  | 23   | 32     | 15     | 0.971     | 0.085     | 3.146 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 24  | 23   | 42     | 15     | 0.997     | 0.062     | 3.146 | 0.01      | 0.007     | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 24  | 23   | 52     | 15     | 0.948     | 0.105     | 3.15  | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 156        | 156        | 0          | 27     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 25  | 0    | 2      | 15     | 0.997     | 0.059     | 3.146 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 0    | 12     | 15     | 1.007     | 0.082     | 3.15  | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 0    | 22     | 15     | 0.971     | 0.112     | 3.15  | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 0    | 32     | 15     | 0.948     | 0.072     | 3.15  | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 0    | 42     | 15     | 1.001     | 0.075     | 3.15  | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 0    | 52     | 15     | 0.968     | 0.066     | 3.15  | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 1    | 2      | 15     | 0.968     | 0.108     | 3.15  | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 1    | 12     | 15     | 0.984     | 0.075     | 3.15  | 0.016     | 0.013     | 0         | 56.3 | 55.9 | 0    | 156        | 156        | 0          | 25     | 26     |
| 2009 | 6     | 25  | 1    | 22     | 15     | 0.961     | 0.082     | 3.153 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 156        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 1    | 32     | 15     | 0.958     | 0.082     | 3.153 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 1    | 42     | 15     | 0.922     | 0.095     | 3.15  | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 1    | 52     | 15     | 0.994     | 0.092     | 3.15  | 0.016     | 0.013     | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 2    | 2      | 15     | 0.994     | 0.098     | 3.15  | 0.016     | 0.016     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 2    | 12     | 15     | 0.971     | 0.069     | 3.15  | 0.016     | 0.016     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 2    | 22     | 15     | 0.961     | 0.066     | 3.153 | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 0    | 157        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 2    | 32     | 15     | 0.991     | 0.066     | 3.153 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 2    | 42     | 15     | 1.007     | 0.079     | 3.153 | 0.013     | 0.01      | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 2    | 52     | 15     | 0.965     | 0.062     | 3.153 | 0.013     | 0.01      | 0         | 56.8 | 57.6 | 0    | 159        | 160        | 0          | 27     | 26     |
| 2009 | 6     | 25  | 3    | 2      | 15     | 0.958     | 0.072     | 3.153 | 0.016     | 0.016     | 0         | 56.3 | 56.3 | 0    | 158        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 3    | 12     | 15     | 0.981     | 0.062     | 3.153 | 0.016     | 0.013     | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 3    | 22     | 15     | 0.974     | 0.056     | 3.156 | 0.016     | 0.016     | 0         | 55.9 | 56.3 | 0    | 157        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 25  | 3    | 32     | 15     | 0.994     | 0.102     | 3.156 | 0.013     | 0.01      | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 3    | 42     | 15     | 0.961     | 0.115     | 3.156 | 0.013     | 0.01      | 0         | 56.8 | 56.3 | 0    | 158        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 3    | 52     | 15     | 1.004     | 0.098     | 3.159 | 0.013     | 0.01      | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 4    | 2      | 15     | 0.988     | 0.092     | 3.159 | 0.016     | 0.016     | 0         | 55.9 | 56.3 | 0    | 157        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 4    | 12     | 15     | 0.968     | 0.089     | 3.159 | 0.016     | 0.013     | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 4    | 22     | 15     | 1.017     | 0.059     | 3.163 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 0    | 156        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 25  | 4    | 32     | 15     | 0.961     | 0.108     | 3.163 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 4    | 42     | 15     | 0.991     | 0.072     | 3.163 | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 0    | 157        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 4    | 52     | 15     | 0.988     | 0.03      | 3.163 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 5    | 2      | 15     | 0.988     | 0.03      | 3.163 | 0.013     | 0.01      | 0         | 56.3 | 56.8 | 0    | 158        | 158        | 0          | 27     | 26     |
| 2009 | 6     | 25  | 5    | 12     | 15     | 0.942     | 0.138     | 3.166 | 0.013     | 0.01      | 0         | 56.3 | 56.3 | 0    | 158        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 5    | 22     | 15     | 0.961     | 0.092     | 3.166 | 0.013     | 0.01      | 0         | 56.3 | 56.3 | 0    | 157        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 5    | 32     | 15     | 0.981     | 0.043     | 3.163 | 0.016     | 0.013     | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 5    | 42     | 15     | 1.027     | 0.03      | 3.166 | 0.016     | 0.016     | 0         | 56.3 | 56.8 | 0    | 157        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 5    | 52     | 15     | 0.971     | 0.066     | 3.163 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 0    | 157        | 158        | 0          | 27     | 26     |
| 2009 | 6     | 25  | 6    | 2      | 15     | 1.001     | 0.052     | 3.166 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 157        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 25  | 6    | 12     | 15     | 0.978     | 0.098     | 3.166 | 0.016     | 0.013     | 0         | 56.8 | 56.8 | 0    | 158        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 6    | 22     | 15     | 1.01      | 0.072     | 3.166 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 0    | 156        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 6    | 32     | 15     | 0.945     | 0.066     | 3.166 | 0.02      | 0.016     | 0         | 55.9 | 55.9 | 0    | 157        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 6    | 42     | 15     | 0.958     | 0.115     | 3.166 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 6    | 52     | 15     | 0.981     | 0.082     | 3.166 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 156        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 7    | 2      | 15     | 0.948     | 0.092     | 3.166 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 156        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 7    | 12     | 15     | 1.007     | 0.115     | 3.166 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 7    | 22     | 15     | 0.981     | 0.049     | 3.166 | 0.016     | 0.016     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 7    | 32     | 15     | 0.994     | 0.059     | 3.166 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 7    | 42     | 15     | 0.965     | 0.056     | 3.166 | 0.016     | 0.013     | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 25  | 7    | 52     | 15     | 0.978     | 0.085     | 3.166 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 25  | 8    | 2      | 15     | 0.981     | 0.098     | 3.166 | 0.016     | 0.016     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 8    | 12     | 15     | 0.945     | 0.082     | 3.166 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 8    | 22     | 15     | 0.978     | 0.049     | 3.166 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 8    | 32     | 15     | 0.961     | 0.059     | 3.169 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 8    | 42     | 15     | 0.971     | 0.092     | 3.169 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 8    | 52     | 15     | 0.951     | 0.072     | 3.169 | 0.016     | 0.016     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 9    | 2      | 15     | 1.01      | 0.059     | 3.169 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 9    | 12     | 15     | 0.968     | 0.085     | 3.169 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 9    | 22     | 15     | 0.997     | 0.066     | 3.169 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 9    | 32     | 15     | 0.971     | 0.059     | 3.169 | 0.016     | 0.016     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 9    | 42     | 15     | 0.968     | 0.056     | 3.169 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 9    | 52     | 15     | 0.997     | 0.052     | 3.169 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 25  | 10   | 2      | 15     | 0.961     | 0.039     | 3.169 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 10   | 12     | 15     | 0.955     | 0.036     | 3.169 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 10   | 22     | 15     | 0.968     | 0.056     | 3.169 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 10   | 32     | 15     | 1.004     | 0.013     | 3.169 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 10   | 42     | 15     | 1.014     | 0.03      | 3.169 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 10   | 52     | 15     | 1.014     | 0.013     | 3.169 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 11   | 2      | 15     | 0.981     | 0.069     | 3.169 | 0.02      | 0.016     | 0         | 55.9 | 55   | 0    | 155        | 155        | 0          | 25     | 27     |
| 2009 | 6     | 25  | 11   | 12     | 15     | 0.981     | 0.046     | 3.169 | 0.016     | 0.016     | 0         | 55.9 | 55   | 0    | 156        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 11   | 22     | 15     | 1.01      | 0.039     | 3.169 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 11   | 32     | 15     | 0.994     | 0.043     | 3.169 | 0.016     | 0.016     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 11   | 42     | 15     | 1.024     | 0.033     | 3.169 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 11   | 52     | 15     | 0.997     | 0.062     | 3.166 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 12   | 2      | 15     | 0.997     | 0.062     | 3.166 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 12   | 12     | 15     | 0.971     | 0.056     | 3.163 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 12   | 22     | 15     | 1.001     | 0.016     | 3.163 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 12   | 32     | 15     | 1.001     | 0.108     | 3.166 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 12   | 42     | 15     | 1.03      | 0.079     | 3.166 | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 12   | 52     | 15     | 0.978     | 0.062     | 3.166 | 0.016     | 0.016     | 0         | 55.9 | 56.8 | 0    | 157        | 158        | 0          | 27     | 26     |
| 2009 | 6     | 25  | 13   | 2      | 15     | 1.007     | 0.098     | 3.169 | 0.02      | 0.016     | 0         | 56.3 | 56.8 | 0    | 157        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 13   | 12     | 15     | 1.017     | 0.102     | 3.166 | 0.013     | 0.01      | 0         | 56.3 | 56.3 | 0    | 157        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 13   | 22     | 15     | 0.958     | 0.095     | 3.169 | 0.016     | 0.016     | 0         | 55.9 | 56.3 | 0    | 157        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 25  | 13   | 32     | 15     | 1.007     | 0.033     | 3.166 | 0.016     | 0.013     | 0         | 55.9 | 57.2 | 0    | 157        | 158        | 0          | 27     | 25     |
| 2009 | 6     | 25  | 13   | 42     | 15     | 0.981     | 0.049     | 3.163 | 0.013     | 0.01      | 0         | 56.3 | 56.3 | 0    | 157        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 13   | 52     | 15     | 0.984     | 0.085     | 3.163 | 0.02      | 0.016     | 0         | 56.8 | 57.2 | 0    | 158        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 14   | 2      | 15     | 1.03      | 0.089     | 3.163 | 0.013     | 0.01      | 0         | 56.8 | 56.8 | 0    | 157        | 158        | 0          | 25     | 26     |
| 2009 | 6     | 25  | 14   | 12     | 15     | 0.997     | 0.072     | 3.159 | 0.016     | 0.016     | 0         | 56.3 | 56.3 | 0    | 157        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 14   | 22     | 15     | 1.02      | 0.049     | 3.163 | 0.016     | 0.016     | 0         | 56.3 | 56.8 | 0    | 157        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 14   | 32     | 15     | 1.007     | 0.102     | 3.169 | 0.016     | 0.013     | 0         | 56.8 | 56.8 | 0    | 158        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 14   | 42     | 15     | 0.942     | 0.092     | 3.166 | 0.016     | 0.013     | 0         | 57.2 | 57.2 | 0    | 158        | 159        | 0          | 25     | 26     |
| 2009 | 6     | 25  | 14   | 52     | 15     | 0.938     | 0.125     | 3.163 | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 0    | 157        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 15   | 2      | 15     | 0.997     | 0.066     | 3.163 | 0.016     | 0.016     | 0         | 56.3 | 56.3 | 0    | 157        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 15   | 12     | 15     | 1.017     | 0.085     | 3.156 | 0.013     | 0.01      | 0         | 56.3 | 56.8 | 0    | 157        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 15   | 22     | 15     | 1.001     | 0.052     | 3.159 | 0.016     | 0.016     | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 15   | 32     | 15     | 0.974     | 0.052     | 3.156 | 0.013     | 0.01      | 0         | 56.3 | 56.3 | 0    | 156        | 157        | 0          | 25     | 26     |
| 2009 | 6     | 25  | 15   | 42     | 15     | 0.997     | 0.066     | 3.156 | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 0    | 156        | 158        | 0          | 27     | 26     |
| 2009 | 6     | 25  | 15   | 52     | 15     | 0.991     | 0.043     | 3.163 | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 0    | 157        | 157        | 0          | 26     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 25  | 16   | 2      | 15     | 1.007     | 0.085     | 3.159 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 16   | 12     | 15     | 1.001     | 0.079     | 3.153 | 0.016     | 0.016     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 16   | 22     | 15     | 0.981     | 0.059     | 3.153 | 0.01      | 0.007     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 16   | 32     | 15     | 1.017     | 0.069     | 3.159 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 16   | 42     | 15     | 0.978     | 0.049     | 3.159 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 16   | 52     | 15     | 1.007     | 0.066     | 3.153 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 17   | 2      | 15     | 0.984     | 0.121     | 3.153 | 0.016     | 0.016     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 17   | 12     | 15     | 1.001     | 0.046     | 3.156 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 17   | 22     | 15     | 0.978     | 0.043     | 3.153 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 17   | 32     | 15     | 1.01      | 0.079     | 3.153 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 17   | 42     | 15     | 0.984     | 0.062     | 3.156 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 17   | 52     | 15     | 0.971     | 0.049     | 3.156 | 0.016     | 0.016     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 18   | 2      | 15     | 1.017     | 0.052     | 3.153 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 18   | 12     | 15     | 0.991     | 0.023     | 3.153 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 18   | 22     | 15     | 1.02      | 0.02      | 3.153 | 0.01      | 0.007     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 18   | 32     | 15     | 1.024     | 0.066     | 3.153 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 0    | 156        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 25  | 18   | 42     | 15     | 1.024     | 0.059     | 3.153 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 18   | 52     | 15     | 0.968     | 0.062     | 3.153 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 156        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 19   | 2      | 15     | 0.988     | 0.079     | 3.153 | 0.016     | 0.016     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 19   | 12     | 15     | 1.05      | 0.072     | 3.15  | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 19   | 22     | 15     | 1.01      | 0.046     | 3.153 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 19   | 32     | 15     | 1.001     | 0.036     | 3.153 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 19   | 42     | 15     | 0.984     | 0.062     | 3.153 | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 0    | 157        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 19   | 52     | 15     | 0.958     | 0.072     | 3.153 | 0.013     | 0.01      | 0         | 56.3 | 56.3 | 0    | 157        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 20   | 2      | 15     | 0.951     | 0.098     | 3.156 | 0.016     | 0.016     | 0         | 55.9 | 56.8 | 0    | 157        | 158        | 0          | 27     | 26     |
| 2009 | 6     | 25  | 20   | 12     | 15     | 0.968     | 0.072     | 3.156 | 0.016     | 0.013     | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 20   | 22     | 15     | 0.984     | 0.089     | 3.156 | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 0    | 157        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 20   | 32     | 15     | 0.909     | 0.033     | 3.156 | 0.016     | 0.013     | 0         | 56.3 | 56.8 | 0    | 157        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 20   | 42     | 15     | 0.978     | 0.105     | 3.156 | 0.016     | 0.013     | 0         | 56.8 | 56.8 | 0    | 158        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 20   | 52     | 15     | 0.997     | 0.089     | 3.159 | 0.016     | 0.013     | 0         | 56.3 | 56.8 | 0    | 157        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 21   | 2      | 15     | 0.974     | 0.102     | 3.159 | 0.016     | 0.013     | 0         | 56.3 | 56.8 | 0    | 157        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 21   | 12     | 15     | 1.004     | 0.062     | 3.163 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 0    | 157        | 158        | 0          | 27     | 26     |
| 2009 | 6     | 25  | 21   | 22     | 15     | 0.968     | 0.092     | 3.163 | 0.013     | 0.01      | 0         | 56.3 | 56.8 | 0    | 157        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 21   | 32     | 15     | 1.01      | 0.069     | 3.166 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 0    | 156        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 25  | 21   | 42     | 15     | 0.988     | 0.112     | 3.166 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 0    | 157        | 158        | 0          | 27     | 26     |
| 2009 | 6     | 25  | 21   | 52     | 15     | 0.968     | 0.089     | 3.166 | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 0    | 157        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 22   | 2      | 15     | 0.955     | 0.102     | 3.166 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 0    | 157        | 158        | 0          | 27     | 26     |
| 2009 | 6     | 25  | 22   | 12     | 15     | 0.932     | 0.128     | 3.169 | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 0    | 157        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 22   | 22     | 15     | 0.978     | 0.089     | 3.169 | 0.016     | 0.013     | 0         | 56.3 | 56.8 | 0    | 157        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 22   | 32     | 15     | 0.965     | 0.079     | 3.169 | 0.02      | 0.016     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 22   | 42     | 15     | 0.984     | 0.098     | 3.169 | 0.016     | 0.016     | 0         | 56.3 | 56.8 | 0    | 157        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 22   | 52     | 15     | 0.981     | 0.052     | 3.173 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 23   | 2      | 15     | 0.974     | 0.056     | 3.173 | 0.016     | 0.016     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 23   | 12     | 15     | 0.984     | 0.089     | 3.173 | 0.013     | 0.01      | 0         | 56.8 | 56.8 | 0    | 158        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 25  | 23   | 22     | 15     | 0.981     | 0.118     | 3.173 | 0.013     | 0.01      | 0         | 56.8 | 56.3 | 0    | 158        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 23   | 32     | 15     | 0.994     | 0.072     | 3.173 | 0.013     | 0.01      | 0         | 56.8 | 56.3 | 0    | 158        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 25  | 23   | 42     | 15     | 0.991     | 0.092     | 3.173 | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 0    | 158        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 25  | 23   | 52     | 15     | 1.004     | 0.069     | 3.176 | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 0    | 158        | 158        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 26  | 0    | 2      | 15     | 0.968     | 0.121     | 3.176 | 0.016     | 0.013     | 0         | 57.2 | 56.8 | 0    | 159        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 0    | 12     | 15     | 0.997     | 0.102     | 3.176 | 0.013     | 0.01      | 0         | 56.8 | 57.2 | 0    | 159        | 159        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 0    | 22     | 15     | 1.027     | 0.049     | 3.176 | 0.016     | 0.016     | 0         | 56.3 | 56.8 | 0    | 158        | 158        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 0    | 32     | 15     | 0.968     | 0.098     | 3.176 | 0.016     | 0.013     | 0         | 57.2 | 57.2 | 0    | 159        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 0    | 42     | 15     | 1.024     | 0.046     | 3.176 | 0.013     | 0.01      | 0         | 56.8 | 56.3 | 0    | 158        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 0    | 52     | 15     | 0.997     | 0.085     | 3.176 | 0.02      | 0.016     | 0         | 56.8 | 56.8 | 0    | 158        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 1    | 2      | 15     | 0.958     | 0.115     | 3.176 | 0.016     | 0.013     | 0         | 56.8 | 56.3 | 0    | 158        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 1    | 12     | 15     | 0.984     | 0.115     | 3.179 | 0.013     | 0.01      | 0         | 56.8 | 57.2 | 0    | 158        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 1    | 22     | 15     | 1.014     | 0.131     | 3.179 | 0.016     | 0.016     | 0         | 56.8 | 56.3 | 0    | 158        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 1    | 32     | 15     | 0.974     | 0.056     | 3.179 | 0.013     | 0.01      | 0         | 56.8 | 56.8 | 0    | 158        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 1    | 42     | 15     | 1.027     | 0.072     | 3.179 | 0.016     | 0.013     | 0         | 56.3 | 56.8 | 0    | 158        | 158        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 1    | 52     | 15     | 0.994     | 0.059     | 3.179 | 0.016     | 0.013     | 0         | 56.3 | 56.8 | 0    | 157        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 2    | 2      | 15     | 1.007     | 0.092     | 3.179 | 0.016     | 0.013     | 0         | 56.8 | 56.3 | 0    | 158        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 2    | 12     | 15     | 0.968     | 0.089     | 3.182 | 0.016     | 0.016     | 0         | 56.3 | 56.3 | 0    | 158        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 2    | 22     | 15     | 1.001     | 0.089     | 3.182 | 0.016     | 0.013     | 0         | 56.8 | 56.8 | 0    | 158        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 2    | 32     | 15     | 0.974     | 0.118     | 3.182 | 0.016     | 0.016     | 0         | 56.8 | 56.3 | 0    | 158        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 2    | 42     | 15     | 0.945     | 0.059     | 3.182 | 0.016     | 0.013     | 0         | 56.8 | 56.3 | 0    | 158        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 2    | 52     | 15     | 0.984     | 0.075     | 3.182 | 0.016     | 0.013     | 0         | 56.8 | 57.2 | 0    | 158        | 159        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 3    | 2      | 15     | 0.988     | 0.105     | 3.186 | 0.01      | 0.007     | 0         | 57.2 | 57.6 | 0    | 159        | 160        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 3    | 12     | 15     | 0.994     | 0.102     | 3.186 | 0.016     | 0.013     | 0         | 56.8 | 56.8 | 0    | 158        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 3    | 22     | 15     | 0.971     | 0.079     | 3.189 | 0.016     | 0.016     | 0         | 56.3 | 56.8 | 0    | 158        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 3    | 32     | 15     | 0.988     | 0.069     | 3.189 | 0.013     | 0.01      | 0         | 56.8 | 56.8 | 0    | 158        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 3    | 42     | 15     | 1.053     | 0.085     | 3.192 | 0.016     | 0.013     | 0         | 56.8 | 56.3 | 0    | 158        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 3    | 52     | 15     | 0.994     | 0.056     | 3.196 | 0.016     | 0.013     | 0         | 56.8 | 56.8 | 0    | 158        | 159        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 4    | 2      | 15     | 1.004     | 0.075     | 3.199 | 0.016     | 0.013     | 0         | 56.3 | 56.8 | 0    | 157        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 4    | 12     | 15     | 1.024     | 0.072     | 3.199 | 0.01      | 0.007     | 0         | 55.9 | 56.3 | 0    | 157        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 4    | 22     | 15     | 0.997     | 0.105     | 3.202 | 0.016     | 0.016     | 0         | 55.9 | 56.3 | 0    | 157        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 4    | 32     | 15     | 1.047     | 0.069     | 3.202 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 157        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 4    | 42     | 15     | 1.017     | 0.112     | 3.205 | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 0    | 157        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 4    | 52     | 15     | 1.001     | 0.062     | 3.205 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 5    | 2      | 15     | 0.981     | 0.112     | 3.209 | 0.013     | 0.01      | 0         | 56.8 | 56.3 | 0    | 158        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 5    | 12     | 15     | 0.988     | 0.079     | 3.209 | 0.016     | 0.013     | 0         | 56.3 | 56.8 | 0    | 157        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 5    | 22     | 15     | 0.994     | 0.098     | 3.209 | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 0    | 158        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 5    | 32     | 15     | 1.004     | 0.075     | 3.209 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 157        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 5    | 42     | 15     | 1.01      | 0.056     | 3.212 | 0.016     | 0.016     | 0         | 56.3 | 56.8 | 0    | 158        | 159        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 5    | 52     | 15     | 1.056     | 0.02      | 3.209 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 157        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 6    | 2      | 15     | 1.024     | 0.072     | 3.212 | 0.013     | 0.01      | 0         | 56.3 | 56.8 | 0    | 158        | 158        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 6    | 12     | 15     | 1.027     | 0.072     | 3.212 | 0.02      | 0.016     | 0         | 56.3 | 56.3 | 0    | 157        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 6    | 22     | 15     | 1.037     | 0.082     | 3.212 | 0.016     | 0.016     | 0         | 55.9 | 56.8 | 0    | 157        | 158        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 6    | 32     | 15     | 1.01      | 0.092     | 3.212 | 0.013     | 0.01      | 0         | 56.8 | 56.3 | 0    | 158        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 6    | 42     | 15     | 0.997     | 0.075     | 3.215 | 0.016     | 0.013     | 0         | 56.8 | 57.2 | 0    | 159        | 159        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 6    | 52     | 15     | 1.007     | 0.072     | 3.215 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 157        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 7    | 2      | 15     | 0.988     | 0.043     | 3.215 | 0.016     | 0.013     | 0         | 56.8 | 57.2 | 0    | 159        | 159        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 7    | 12     | 15     | 0.988     | 0.102     | 3.215 | 0.01      | 0.007     | 0         | 55.9 | 56.3 | 0    | 157        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 7    | 22     | 15     | 0.981     | 0.072     | 3.215 | 0.016     | 0.016     | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 7    | 32     | 15     | 1.017     | 0.052     | 3.219 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 157        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 7    | 42     | 15     | 1.04      | 0.056     | 3.219 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 156        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 7    | 52     | 15     | 1.014     | 0.059     | 3.222 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 26  | 8    | 2      | 15     | 0.978     | 0.089     | 3.222 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 0    | 156        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 8    | 12     | 15     | 1.024     | 0.062     | 3.225 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 8    | 22     | 15     | 0.997     | 0.052     | 3.228 | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 8    | 32     | 15     | 0.997     | 0.075     | 3.228 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 0    | 156        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 8    | 42     | 15     | 0.997     | 0.089     | 3.232 | 0.013     | 0.01      | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 8    | 52     | 15     | 1.024     | 0.043     | 3.232 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 156        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 9    | 2      | 15     | 1.033     | 0.062     | 3.235 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 9    | 12     | 15     | 0.984     | 0.072     | 3.238 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 9    | 22     | 15     | 1.024     | 0.072     | 3.238 | 0.016     | 0.013     | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 9    | 32     | 15     | 1.056     | 0.052     | 3.238 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 156        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 9    | 42     | 15     | 1.017     | 0.056     | 3.241 | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 9    | 52     | 15     | 1.007     | 0.102     | 3.241 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 0    | 155        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 10   | 2      | 15     | 1.04      | 0.085     | 3.241 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 10   | 12     | 15     | 1.047     | 0.075     | 3.245 | 0.013     | 0.01      | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 10   | 22     | 15     | 0.994     | 0.098     | 3.245 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 10   | 32     | 15     | 1.014     | 0.069     | 3.245 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 10   | 42     | 15     | 1.01      | 0.049     | 3.248 | 0.013     | 0.01      | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 10   | 52     | 15     | 1.047     | 0.056     | 3.248 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 11   | 2      | 15     | 1.02      | 0.072     | 3.248 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 11   | 12     | 15     | 1.001     | 0.131     | 3.251 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 11   | 22     | 15     | 1.04      | 0.072     | 3.251 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 11   | 32     | 15     | 0.991     | 0.098     | 3.251 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 11   | 42     | 15     | 1.024     | 0.089     | 3.251 | 0.01      | 0.007     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 11   | 52     | 15     | 1.053     | 0.043     | 3.251 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 153        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 12   | 2      | 15     | 1.053     | 0.062     | 3.255 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 12   | 12     | 15     | 1.033     | 0.075     | 3.255 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 12   | 22     | 15     | 1.06      | 0.062     | 3.255 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 12   | 32     | 15     | 1.017     | 0.102     | 3.255 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 12   | 42     | 15     | 1.007     | 0.066     | 3.258 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 12   | 52     | 15     | 1.047     | 0.039     | 3.258 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 13   | 2      | 15     | 1.027     | 0.069     | 3.258 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 13   | 12     | 15     | 1.027     | 0.118     | 3.258 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 13   | 22     | 15     | 1.089     | 0.072     | 3.261 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 13   | 32     | 15     | 1.027     | 0.01      | 3.261 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 13   | 42     | 15     | 1.053     | 0.069     | 3.261 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 154        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 13   | 52     | 15     | 1.053     | 0.059     | 3.261 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 14   | 2      | 15     | 1.086     | 0.043     | 3.261 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 0    | 153        | 155        | 0          | 26     | 25     |
| 2009 | 6     | 26  | 14   | 12     | 15     | 1.05      | 0.072     | 3.261 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 14   | 22     | 15     | 1.037     | 0.049     | 3.261 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 14   | 32     | 15     | 1.053     | 0.131     | 3.264 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 14   | 42     | 15     | 1.056     | 0         | 3.264 | 0.016     | 0.016     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 14   | 52     | 15     | 1.047     | 0.033     | 3.264 | 0.016     | 0.016     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 15   | 2      | 15     | 1.066     | 0.062     | 3.264 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 15   | 12     | 15     | 1.066     | 0.03      | 3.264 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 0    | 152        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 15   | 22     | 15     | 1.066     | 0.089     | 3.264 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 15   | 32     | 15     | 1.06      | 0.039     | 3.264 | 0.01      | 0.007     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 15   | 42     | 15     | 1.073     | 0.013     | 3.264 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 15   | 52     | 15     | 0.997     | 0.082     | 3.268 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 26  | 16   | 2      | 15     | 1.033     | 0.079     | 3.268 | 0.016     | 0.016     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 16   | 12     | 15     | 1.04      | 0.069     | 3.268 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 16   | 22     | 15     | 1.024     | 0.079     | 3.268 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 16   | 32     | 15     | 1.043     | 0.056     | 3.268 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 16   | 42     | 15     | 0.988     | 0.049     | 3.271 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 16   | 52     | 15     | 1.076     | 0.043     | 3.268 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 153        | 155        | 0          | 25     | 26     |
| 2009 | 6     | 26  | 17   | 2      | 15     | 1.017     | 0.079     | 3.271 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 17   | 12     | 15     | 1.07      | 0.072     | 3.271 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 17   | 22     | 15     | 1.05      | 0.043     | 3.271 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 17   | 32     | 15     | 1.073     | 0.043     | 3.271 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 153        | 154        | 0          | 25     | 26     |
| 2009 | 6     | 26  | 17   | 42     | 15     | 1.04      | 0.089     | 3.271 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 17   | 52     | 15     | 1.099     | 0.105     | 3.271 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 18   | 2      | 15     | 1.053     | 0.075     | 3.274 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 18   | 12     | 15     | 1.047     | 0.085     | 3.271 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 18   | 22     | 15     | 1.083     | 0.056     | 3.271 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 18   | 32     | 15     | 1.07      | 0.082     | 3.274 | 0.02      | 0.016     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 18   | 42     | 15     | 1.066     | 0.052     | 3.274 | 0.02      | 0.016     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 18   | 52     | 15     | 1.047     | 0.072     | 3.278 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 19   | 2      | 15     | 1.083     | 0.062     | 3.281 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 19   | 12     | 15     | 1.027     | 0.079     | 3.281 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 19   | 22     | 15     | 1.01      | 0.105     | 3.281 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 19   | 32     | 15     | 1.089     | 0.082     | 3.284 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 19   | 42     | 15     | 1.056     | 0.059     | 3.287 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 19   | 52     | 15     | 1.037     | 0.059     | 3.287 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 20   | 2      | 15     | 1.099     | 0.056     | 3.291 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 20   | 12     | 15     | 1.086     | 0.062     | 3.291 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 20   | 22     | 15     | 1.079     | 0.085     | 3.294 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 20   | 32     | 15     | 1.066     | 0.102     | 3.294 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 20   | 42     | 15     | 1.027     | 0.059     | 3.294 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 20   | 52     | 15     | 1.096     | 0.072     | 3.297 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 21   | 2      | 15     | 1.033     | 0.072     | 3.297 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 0    | 155        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 21   | 12     | 15     | 1.086     | 0.079     | 3.297 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 21   | 22     | 15     | 1.05      | 0.072     | 3.297 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 156        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 21   | 32     | 15     | 1.037     | 0.089     | 3.297 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 0    | 156        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 21   | 42     | 15     | 1.073     | 0.125     | 3.297 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 21   | 52     | 15     | 1.007     | 0.075     | 3.301 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 26  | 22   | 2      | 15     | 1.07      | 0.098     | 3.301 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 22   | 12     | 15     | 1.086     | 0.069     | 3.301 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 22   | 22     | 15     | 1.063     | 0.079     | 3.301 | 0.013     | 0.01      | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 22   | 32     | 15     | 1.083     | 0.092     | 3.301 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 22   | 42     | 15     | 1.063     | 0.069     | 3.301 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 22   | 52     | 15     | 1.047     | 0.085     | 3.301 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 26  | 23   | 2      | 15     | 1.132     | 0.095     | 3.304 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 23   | 12     | 15     | 1.066     | 0.102     | 3.304 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 23   | 22     | 15     | 1.017     | 0.092     | 3.304 | 0.01      | 0.007     | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 23   | 32     | 15     | 1.07      | 0.085     | 3.304 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 26  | 23   | 42     | 15     | 1.06      | 0.085     | 3.307 | 0.013     | 0.01      | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 26  | 23   | 52     | 15     | 1.037     | 0.102     | 3.307 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 27  | 0    | 2      | 15     | 1.073     | 0.072     | 3.304 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 0    | 12     | 15     | 1.063     | 0.046     | 3.307 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 0    | 22     | 15     | 1.056     | 0.108     | 3.307 | 0.013     | 0.01      | 0         | 55   | 55.9 | 0    | 155        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 0    | 32     | 15     | 1.02      | 0.089     | 3.307 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 0    | 156        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 27  | 0    | 42     | 15     | 1.053     | 0.102     | 3.314 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 0    | 52     | 15     | 1.102     | 0.056     | 3.314 | 0.01      | 0.007     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 1    | 2      | 15     | 1.047     | 0.089     | 3.317 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 1    | 12     | 15     | 1.102     | 0.075     | 3.314 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 1    | 22     | 15     | 1.089     | 0.026     | 3.32  | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 1    | 32     | 15     | 1.037     | 0.095     | 3.323 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 0    | 156        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 27  | 1    | 42     | 15     | 1.109     | 0.098     | 3.327 | 0.01      | 0.007     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 1    | 52     | 15     | 1.079     | 0.056     | 3.323 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 2    | 2      | 15     | 1.02      | 0.102     | 3.327 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 2    | 12     | 15     | 1.079     | 0.062     | 3.327 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 2    | 22     | 15     | 1.073     | 0.092     | 3.327 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 2    | 32     | 15     | 1.07      | 0.072     | 3.33  | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 2    | 42     | 15     | 1.047     | 0.128     | 3.33  | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 0    | 156        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 27  | 2    | 52     | 15     | 1.083     | 0.033     | 3.33  | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 3    | 2      | 15     | 1.056     | 0.036     | 3.33  | 0.016     | 0.016     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 3    | 12     | 15     | 1.07      | 0.056     | 3.333 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 3    | 22     | 15     | 1.083     | 0.095     | 3.333 | 0.016     | 0.016     | 0         | 55   | 55.9 | 0    | 155        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 3    | 32     | 15     | 1.053     | 0.056     | 3.333 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 3    | 42     | 15     | 1.083     | 0.092     | 3.333 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 3    | 52     | 15     | 1.063     | 0.115     | 3.333 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 4    | 2      | 15     | 1.089     | 0.062     | 3.333 | 0.016     | 0.013     | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 27  | 4    | 12     | 15     | 1.102     | 0.092     | 3.333 | 0.016     | 0.013     | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 27  | 4    | 22     | 15     | 1.07      | 0.128     | 3.333 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 4    | 32     | 15     | 1.066     | 0.095     | 3.337 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 4    | 42     | 15     | 1.063     | 0.069     | 3.337 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 0    | 156        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 4    | 52     | 15     | 1.076     | 0.128     | 3.337 | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 5    | 2      | 15     | 1.096     | 0.056     | 3.337 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 0    | 157        | 158        | 0          | 27     | 26     |
| 2009 | 6     | 27  | 5    | 12     | 15     | 1.063     | 0.085     | 3.34  | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 5    | 22     | 15     | 1.024     | 0.079     | 3.34  | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 5    | 32     | 15     | 1.129     | 0.128     | 3.343 | 0.013     | 0.01      | 0         | 56.3 | 56.3 | 0    | 157        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 5    | 42     | 15     | 1.096     | 0.098     | 3.343 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 157        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 5    | 52     | 15     | 1.086     | 0.059     | 3.343 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 157        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 6    | 2      | 15     | 1.115     | 0.062     | 3.346 | 0.016     | 0.013     | 0         | 56.3 | 56.8 | 0    | 157        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 6    | 12     | 15     | 1.083     | 0.046     | 3.35  | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 0    | 157        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 6    | 22     | 15     | 1.106     | 0.118     | 3.35  | 0.013     | 0.01      | 0         | 56.3 | 56.8 | 0    | 158        | 158        | 0          | 27     | 26     |
| 2009 | 6     | 27  | 6    | 32     | 15     | 1.076     | 0.079     | 3.353 | 0.016     | 0.016     | 0         | 56.3 | 56.8 | 0    | 157        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 6    | 42     | 15     | 1.096     | 0.069     | 3.356 | 0.016     | 0.016     | 0         | 56.3 | 56.3 | 0    | 157        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 6    | 52     | 15     | 1.04      | 0.052     | 3.356 | 0.016     | 0.016     | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 7    | 2      | 15     | 1.073     | 0.092     | 3.36  | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 7    | 12     | 15     | 1.076     | 0.056     | 3.36  | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 7    | 22     | 15     | 1.122     | 0.069     | 3.36  | 0.01      | 0.007     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 7    | 32     | 15     | 1.106     | 0.075     | 3.36  | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 0    | 156        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 27  | 7    | 42     | 15     | 1.132     | 0.023     | 3.363 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 7    | 52     | 15     | 1.115     | 0.056     | 3.363 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 27  | 8    | 2      | 15     | 1.102     | 0.072     | 3.363 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 0    | 156        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 8    | 12     | 15     | 1.093     | 0.085     | 3.363 | 0.016     | 0.016     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 8    | 22     | 15     | 1.102     | 0.092     | 3.363 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 8    | 32     | 15     | 1.145     | 0.082     | 3.363 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 8    | 42     | 15     | 1.142     | 0.095     | 3.366 | 0.016     | 0.016     | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 8    | 52     | 15     | 1.115     | 0.112     | 3.366 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 9    | 2      | 15     | 1.089     | 0.069     | 3.366 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 9    | 12     | 15     | 1.096     | 0.066     | 3.366 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 9    | 22     | 15     | 1.086     | 0.069     | 3.366 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 9    | 32     | 15     | 1.119     | 0.095     | 3.369 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 9    | 42     | 15     | 1.089     | 0.052     | 3.369 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 9    | 52     | 15     | 1.132     | 0.003     | 3.369 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 10   | 2      | 15     | 1.102     | 0.141     | 3.369 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 10   | 12     | 15     | 1.066     | 0.089     | 3.369 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 10   | 22     | 15     | 1.093     | 0.079     | 3.373 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 10   | 32     | 15     | 1.106     | 0.062     | 3.373 | 0.02      | 0.016     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 10   | 42     | 15     | 1.109     | 0.108     | 3.373 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 10   | 52     | 15     | 1.132     | 0.052     | 3.373 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 155        | 155        | 0          | 27     | 27     |
| 2009 | 6     | 27  | 11   | 2      | 15     | 1.129     | 0.082     | 3.373 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 11   | 12     | 15     | 1.168     | 0.085     | 3.373 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 11   | 22     | 15     | 1.109     | 0.102     | 3.373 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 11   | 32     | 15     | 1.093     | 0.069     | 3.376 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 11   | 42     | 15     | 1.093     | 0.059     | 3.376 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 27  | 11   | 52     | 15     | 1.161     | 0.043     | 3.376 | 0.016     | 0.016     | 0         | 55   | 54.6 | 0    | 154        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 12   | 2      | 15     | 1.138     | 0.095     | 3.376 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 12   | 12     | 15     | 1.132     | 0.056     | 3.376 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 12   | 22     | 15     | 1.109     | 0.085     | 3.379 | 0.01      | 0.007     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 12   | 32     | 15     | 1.106     | 0.085     | 3.376 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 12   | 42     | 15     | 1.122     | 0.056     | 3.379 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 12   | 52     | 15     | 1.079     | 0.105     | 3.379 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 13   | 2      | 15     | 1.066     | 0.082     | 3.379 | 0.01      | 0.007     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 13   | 12     | 15     | 1.145     | 0.095     | 3.379 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 13   | 22     | 15     | 1.129     | 0.056     | 3.383 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 13   | 32     | 15     | 1.093     | 0.062     | 3.383 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 13   | 42     | 15     | 1.138     | 0.075     | 3.383 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 13   | 52     | 15     | 1.142     | 0.039     | 3.383 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 14   | 2      | 15     | 1.125     | 0.128     | 3.383 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 14   | 12     | 15     | 1.102     | 0.085     | 3.383 | 0.01      | 0.007     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 14   | 22     | 15     | 1.099     | 0.089     | 3.383 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 14   | 32     | 15     | 1.079     | 0.115     | 3.383 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 14   | 42     | 15     | 1.102     | 0.072     | 3.383 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 14   | 52     | 15     | 1.102     | 0.075     | 3.386 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 15   | 2      | 15     | 1.122     | 0.082     | 3.386 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 15   | 12     | 15     | 1.099     | 0.089     | 3.386 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 15   | 22     | 15     | 1.132     | 0.121     | 3.386 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 15   | 32     | 15     | 1.115     | 0.102     | 3.386 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 154        | 155        | 0          | 25     | 26     |
| 2009 | 6     | 27  | 15   | 42     | 15     | 1.168     | 0.056     | 3.386 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 15   | 52     | 15     | 1.132     | 0.079     | 3.386 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 27  | 16   | 2      | 15     | 1.089     | 0.115     | 3.386 | 0.01      | 0.007     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 16   | 12     | 15     | 1.148     | 0.075     | 3.386 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 16   | 22     | 15     | 1.138     | 0.066     | 3.386 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 16   | 32     | 15     | 1.138     | 0.085     | 3.389 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 16   | 42     | 15     | 1.086     | 0.075     | 3.389 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 16   | 52     | 15     | 1.083     | 0.105     | 3.389 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 17   | 2      | 15     | 1.109     | 0.095     | 3.389 | 0.016     | 0.016     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 17   | 12     | 15     | 1.122     | 0.075     | 3.389 | 0.01      | 0.007     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 17   | 22     | 15     | 1.129     | 0.102     | 3.389 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 17   | 32     | 15     | 1.125     | 0.079     | 3.389 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 17   | 42     | 15     | 1.122     | 0.141     | 3.389 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 17   | 52     | 15     | 1.145     | 0.049     | 3.389 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 18   | 2      | 15     | 1.119     | 0.043     | 3.392 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 18   | 12     | 15     | 1.099     | 0.072     | 3.392 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 18   | 22     | 15     | 1.138     | 0.118     | 3.392 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 18   | 32     | 15     | 1.07      | 0.144     | 3.392 | 0.016     | 0.016     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 18   | 42     | 15     | 1.132     | 0.079     | 3.396 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 18   | 52     | 15     | 1.135     | 0.085     | 3.396 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 19   | 2      | 15     | 1.053     | 0.118     | 3.392 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 19   | 12     | 15     | 1.158     | 0.085     | 3.396 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 19   | 22     | 15     | 1.122     | 0.115     | 3.399 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 19   | 32     | 15     | 1.099     | 0.079     | 3.399 | 0.013     | 0.01      | 0         | 55.9 | 55.5 | 0    | 155        | 156        | 0          | 25     | 27     |
| 2009 | 6     | 27  | 19   | 42     | 15     | 1.106     | 0.059     | 3.402 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 19   | 52     | 15     | 1.125     | 0.131     | 3.402 | 0.02      | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 20   | 2      | 15     | 1.089     | 0.082     | 3.406 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 20   | 12     | 15     | 1.093     | 0.089     | 3.406 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 20   | 22     | 15     | 1.112     | 0.108     | 3.406 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 20   | 32     | 15     | 1.168     | 0.112     | 3.409 | 0.013     | 0.01      | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 20   | 42     | 15     | 1.109     | 0.131     | 3.409 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 20   | 52     | 15     | 1.112     | 0.115     | 3.412 | 0.013     | 0.01      | 0         | 56.3 | 56.3 | 0    | 156        | 157        | 0          | 25     | 26     |
| 2009 | 6     | 27  | 21   | 2      | 15     | 1.145     | 0.121     | 3.412 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 21   | 12     | 15     | 1.079     | 0.075     | 3.412 | 0.016     | 0.016     | 0         | 55.9 | 56.8 | 0    | 156        | 157        | 0          | 26     | 25     |
| 2009 | 6     | 27  | 21   | 22     | 15     | 1.152     | 0.112     | 3.415 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 21   | 32     | 15     | 1.119     | 0.072     | 3.415 | 0.013     | 0.01      | 0         | 56.3 | 55.9 | 0    | 156        | 156        | 0          | 25     | 26     |
| 2009 | 6     | 27  | 21   | 42     | 15     | 1.129     | 0.059     | 3.415 | 0.01      | 0.007     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 21   | 52     | 15     | 1.112     | 0.098     | 3.415 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 22   | 2      | 15     | 1.115     | 0.125     | 3.415 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 22   | 12     | 15     | 1.119     | 0.128     | 3.415 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 22   | 22     | 15     | 1.155     | 0.108     | 3.415 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 22   | 32     | 15     | 1.142     | 0.082     | 3.419 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 27  | 22   | 42     | 15     | 1.102     | 0.089     | 3.419 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 22   | 52     | 15     | 1.158     | 0.059     | 3.419 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 0    | 156        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 27  | 23   | 2      | 15     | 1.191     | 0.052     | 3.419 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 23   | 12     | 15     | 1.132     | 0.092     | 3.419 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 23   | 22     | 15     | 1.165     | 0.075     | 3.419 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 23   | 32     | 15     | 1.086     | 0.105     | 3.422 | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 27  | 23   | 42     | 15     | 1.125     | 0.098     | 3.422 | 0.013     | 0.01      | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 27  | 23   | 52     | 15     | 1.112     | 0.098     | 3.422 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 28  | 0    | 2      | 15     | 1.155     | 0.059     | 3.422 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 28  | 0    | 12     | 15     | 1.106     | 0.098     | 3.422 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 0    | 22     | 15     | 1.132     | 0.102     | 3.422 | 0.01      | 0.007     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 0    | 32     | 15     | 1.135     | 0.105     | 3.425 | 0.016     | 0.013     | 0         | 56.3 | 55.9 | 0    | 156        | 156        | 0          | 25     | 26     |
| 2009 | 6     | 28  | 0    | 42     | 15     | 1.119     | 0.098     | 3.425 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 0    | 52     | 15     | 1.093     | 0.102     | 3.425 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 1    | 2      | 15     | 1.099     | 0.125     | 3.425 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 1    | 12     | 15     | 1.138     | 0.072     | 3.428 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 1    | 22     | 15     | 1.129     | 0.098     | 3.428 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 1    | 32     | 15     | 1.161     | 0.062     | 3.432 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 1    | 42     | 15     | 1.115     | 0.092     | 3.432 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 1    | 52     | 15     | 1.135     | 0.105     | 3.432 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 2    | 2      | 15     | 1.158     | 0.059     | 3.438 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 2    | 12     | 15     | 1.152     | 0.085     | 3.438 | 0.01      | 0.007     | 0         | 55   | 55.5 | 0    | 154        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 2    | 22     | 15     | 1.132     | 0.108     | 3.442 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 2    | 32     | 15     | 1.135     | 0.085     | 3.438 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 2    | 42     | 15     | 1.096     | 0.112     | 3.442 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 2    | 52     | 15     | 1.135     | 0.056     | 3.445 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 3    | 2      | 15     | 1.155     | 0.072     | 3.448 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 3    | 12     | 15     | 1.102     | 0.098     | 3.448 | 0.016     | 0.016     | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 28  | 3    | 22     | 15     | 1.181     | 0.03      | 3.448 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 3    | 32     | 15     | 1.158     | 0.085     | 3.448 | 0.013     | 0.01      | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 3    | 42     | 15     | 1.188     | 0.095     | 3.451 | 0.013     | 0.01      | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 3    | 52     | 15     | 1.145     | 0.125     | 3.451 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 4    | 2      | 15     | 1.138     | 0.072     | 3.451 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 4    | 12     | 15     | 1.145     | 0.112     | 3.451 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 4    | 22     | 15     | 1.138     | 0.082     | 3.451 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 4    | 32     | 15     | 1.145     | 0.056     | 3.451 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 4    | 42     | 15     | 1.142     | 0.121     | 3.451 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 4    | 52     | 15     | 1.106     | 0.105     | 3.455 | 0.013     | 0.01      | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 5    | 2      | 15     | 1.138     | 0.046     | 3.455 | 0.01      | 0.007     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 5    | 12     | 15     | 1.184     | 0.059     | 3.455 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 5    | 22     | 15     | 1.125     | 0.102     | 3.455 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 157        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 28  | 5    | 32     | 15     | 1.155     | 0.105     | 3.455 | 0.01      | 0.007     | 0         | 56.3 | 56.3 | 0    | 157        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 5    | 42     | 15     | 1.119     | 0.066     | 3.455 | 0.016     | 0.013     | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 5    | 52     | 15     | 1.079     | 0.138     | 3.458 | 0.013     | 0.01      | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 6    | 2      | 15     | 1.142     | 0.105     | 3.458 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 0    | 156        | 157        | 0          | 27     | 27     |
| 2009 | 6     | 28  | 6    | 12     | 15     | 1.138     | 0.115     | 3.458 | 0.013     | 0.01      | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 6    | 22     | 15     | 1.184     | 0.049     | 3.461 | 0.016     | 0.016     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 6    | 32     | 15     | 1.171     | 0.095     | 3.461 | 0.02      | 0.016     | 0         | 55.9 | 56.8 | 0    | 157        | 158        | 0          | 27     | 26     |
| 2009 | 6     | 28  | 6    | 42     | 15     | 1.165     | 0.098     | 3.465 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 6    | 52     | 15     | 1.207     | 0.079     | 3.468 | 0.01      | 0.007     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 7    | 2      | 15     | 1.165     | 0.115     | 3.471 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 7    | 12     | 15     | 1.148     | 0.098     | 3.471 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 157        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 28  | 7    | 22     | 15     | 1.165     | 0.079     | 3.471 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 0    | 156        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 28  | 7    | 32     | 15     | 1.184     | 0.098     | 3.474 | 0.016     | 0.013     | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 7    | 42     | 15     | 1.184     | 0.079     | 3.478 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 0    | 156        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 28  | 7    | 52     | 15     | 1.155     | 0.069     | 3.478 | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 28  | 8    | 2      | 15     | 1.125     | 0.098     | 3.478 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 0    | 156        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 28  | 8    | 12     | 15     | 1.214     | 0.092     | 3.478 | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 8    | 22     | 15     | 1.171     | 0.026     | 3.481 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 8    | 32     | 15     | 1.135     | 0.092     | 3.481 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 8    | 42     | 15     | 1.194     | 0.082     | 3.481 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 8    | 52     | 15     | 1.191     | 0.082     | 3.481 | 0.016     | 0.013     | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 28  | 9    | 2      | 15     | 1.165     | 0.072     | 3.484 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |
| 2009 | 6     | 28  | 9    | 12     | 15     | 1.171     | 0.039     | 3.484 | 0.016     | 0.016     | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 28  | 9    | 22     | 15     | 1.135     | 0.108     | 3.484 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 9    | 32     | 15     | 1.211     | 0.016     | 3.484 | 0.016     | 0.016     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 9    | 42     | 15     | 1.178     | 0.033     | 3.484 | 0.016     | 0.013     | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 28  | 9    | 52     | 15     | 1.198     | 0.062     | 3.484 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 10   | 2      | 15     | 1.161     | 0.023     | 3.488 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 10   | 12     | 15     | 1.158     | 0.062     | 3.488 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 10   | 22     | 15     | 1.142     | 0.092     | 3.488 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 155        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 28  | 10   | 32     | 15     | 1.158     | 0.052     | 3.488 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 10   | 42     | 15     | 1.175     | 0.082     | 3.488 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 28  | 10   | 52     | 15     | 1.194     | 0.082     | 3.488 | 0.01      | 0.007     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 11   | 2      | 15     | 1.168     | 0.112     | 3.488 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 28  | 11   | 12     | 15     | 1.194     | 0.049     | 3.491 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 11   | 22     | 15     | 1.168     | 0.075     | 3.491 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 154        | 154        | 0          | 27     | 27     |
| 2009 | 6     | 28  | 11   | 32     | 15     | 1.161     | 0.098     | 3.491 | 0.02      | 0.016     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 11   | 42     | 15     | 1.171     | 0.036     | 3.491 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 11   | 52     | 15     | 1.171     | 0.089     | 3.491 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 154        | 154        | 0          | 25     | 26     |
| 2009 | 6     | 28  | 12   | 2      | 15     | 1.115     | 0.108     | 3.494 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 12   | 12     | 15     | 1.201     | 0.069     | 3.494 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 12   | 22     | 15     | 1.198     | 0.079     | 3.494 | 0.016     | 0.016     | 0         | 54.2 | 55   | 0    | 153        | 154        | 0          | 27     | 26     |
| 2009 | 6     | 28  | 12   | 32     | 15     | 1.234     | 0.023     | 3.494 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 12   | 42     | 15     | 1.099     | 0.125     | 3.494 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 12   | 52     | 15     | 1.142     | 0.151     | 3.494 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 13   | 2      | 15     | 1.171     | 0.075     | 3.494 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 13   | 12     | 15     | 1.161     | 0.066     | 3.497 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 13   | 22     | 15     | 1.175     | 0.098     | 3.497 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 154        | 155        | 0          | 25     | 27     |
| 2009 | 6     | 28  | 13   | 32     | 15     | 1.142     | 0.056     | 3.497 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 13   | 42     | 15     | 1.178     | 0.112     | 3.497 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 13   | 52     | 15     | 1.188     | 0.085     | 3.497 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 14   | 2      | 15     | 1.102     | 0.108     | 3.497 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 14   | 12     | 15     | 1.152     | 0.039     | 3.497 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 14   | 22     | 15     | 1.152     | 0.095     | 3.497 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 14   | 32     | 15     | 1.129     | 0.102     | 3.497 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 14   | 42     | 15     | 1.214     | 0.039     | 3.501 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 14   | 52     | 15     | 1.168     | 0.085     | 3.497 | 0.016     | 0.013     | 0         | 55   | 54.6 | 0    | 153        | 154        | 0          | 25     | 27     |
| 2009 | 6     | 28  | 15   | 2      | 15     | 1.161     | 0.092     | 3.501 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 15   | 12     | 15     | 1.109     | 0.098     | 3.501 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 15   | 22     | 15     | 1.161     | 0.069     | 3.497 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 15   | 32     | 15     | 1.178     | 0.056     | 3.501 | 0.02      | 0.016     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 15   | 42     | 15     | 1.161     | 0.102     | 3.501 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 153        | 154        | 0          | 25     | 26     |
| 2009 | 6     | 28  | 15   | 52     | 15     | 1.204     | 0.069     | 3.501 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 28  | 16   | 2      | 15     | 1.155     | 0.095     | 3.501 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 16   | 12     | 15     | 1.217     | 0.082     | 3.504 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 16   | 22     | 15     | 1.122     | 0.135     | 3.501 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 16   | 32     | 15     | 1.211     | 0.043     | 3.501 | 0.01      | 0.007     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 16   | 42     | 15     | 1.191     | 0.098     | 3.501 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 153        | 154        | 0          | 25     | 26     |
| 2009 | 6     | 28  | 16   | 52     | 15     | 1.161     | 0.069     | 3.504 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 17   | 2      | 15     | 1.155     | 0.089     | 3.504 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 17   | 12     | 15     | 1.211     | 0.095     | 3.504 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 17   | 22     | 15     | 1.194     | 0.095     | 3.504 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 153        | 154        | 0          | 25     | 26     |
| 2009 | 6     | 28  | 17   | 32     | 15     | 1.171     | 0.082     | 3.504 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 17   | 42     | 15     | 1.145     | 0.059     | 3.504 | 0.016     | 0.016     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 17   | 52     | 15     | 1.155     | 0.125     | 3.504 | 0.01      | 0.007     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 18   | 2      | 15     | 1.168     | 0.095     | 3.504 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 18   | 12     | 15     | 1.184     | 0.089     | 3.504 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 18   | 22     | 15     | 1.198     | 0.098     | 3.504 | 0.016     | 0.013     | 0         | 55.5 | 55   | 0    | 154        | 154        | 0          | 25     | 26     |
| 2009 | 6     | 28  | 18   | 32     | 15     | 1.175     | 0.079     | 3.504 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 18   | 42     | 15     | 1.148     | 0.095     | 3.504 | 0.01      | 0.007     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 18   | 52     | 15     | 1.152     | 0.092     | 3.504 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 19   | 2      | 15     | 1.161     | 0.085     | 3.504 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 19   | 12     | 15     | 1.165     | 0.085     | 3.504 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 19   | 22     | 15     | 1.148     | 0.043     | 3.507 | 0.016     | 0.013     | 0         | 55   | 50.7 | 0    | 154        | 144        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 19   | 32     | 15     | 1.119     | 0.102     | 3.507 | 0.013     | 0.01      | 0         | 55.5 | 49.5 | 0    | 155        | 141        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 19   | 42     | 15     | 1.152     | 0.056     | 3.504 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 28  | 19   | 52     | 15     | 1.138     | 0.072     | 3.504 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 20   | 2      | 15     | 1.198     | 0.102     | 3.507 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 20   | 12     | 15     | 1.161     | 0.066     | 3.507 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 20   | 22     | 15     | 1.201     | 0.039     | 3.507 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 20   | 32     | 15     | 1.184     | 0.098     | 3.507 | 0.02      | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 20   | 42     | 15     | 1.178     | 0.098     | 3.507 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 20   | 52     | 15     | 1.198     | 0.125     | 3.507 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 21   | 2      | 15     | 1.148     | 0.141     | 3.507 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 21   | 12     | 15     | 1.132     | 0.121     | 3.51  | 0.01      | 0.007     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 21   | 22     | 15     | 1.138     | 0.125     | 3.51  | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 21   | 32     | 15     | 1.161     | 0.102     | 3.51  | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 21   | 42     | 15     | 1.22      | 0.069     | 3.51  | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 155        | 156        | 0          | 25     | 26     |
| 2009 | 6     | 28  | 21   | 52     | 15     | 1.23      | 0.085     | 3.51  | 0.016     | 0.013     | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 28  | 22   | 2      | 15     | 1.191     | 0.092     | 3.514 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 22   | 12     | 15     | 1.132     | 0.098     | 3.517 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 155        | 156        | 0          | 25     | 26     |
| 2009 | 6     | 28  | 22   | 22     | 15     | 1.135     | 0.115     | 3.514 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 155        | 156        | 0          | 25     | 26     |
| 2009 | 6     | 28  | 22   | 32     | 15     | 1.171     | 0.069     | 3.517 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 155        | 156        | 0          | 25     | 26     |
| 2009 | 6     | 28  | 22   | 42     | 15     | 1.165     | 0.112     | 3.517 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 22   | 52     | 15     | 1.211     | 0.072     | 3.517 | 0.02      | 0.016     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 23   | 2      | 15     | 1.188     | 0.108     | 3.52  | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 23   | 12     | 15     | 1.168     | 0.082     | 3.52  | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 155        | 156        | 0          | 25     | 26     |
| 2009 | 6     | 28  | 23   | 22     | 15     | 1.191     | 0.059     | 3.52  | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 23   | 32     | 15     | 1.204     | 0.059     | 3.524 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 23   | 42     | 15     | 1.217     | 0.095     | 3.524 | 0.01      | 0.007     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 28  | 23   | 52     | 15     | 1.191     | 0.069     | 3.527 | 0.01      | 0.007     | 0         | 55   | 55.5 | 0    | 155        | 156        | 0          | 27     | 27     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 29  | 0    | 2      | 15     | 1.23      | 0.108     | 3.527 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 155        | 156        | 0          | 25     | 26     |
| 2009 | 6     | 29  | 0    | 12     | 15     | 1.198     | 0.102     | 3.53  | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 0    | 22     | 15     | 1.181     | 0.082     | 3.53  | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 0    | 32     | 15     | 1.201     | 0.121     | 3.53  | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 154        | 155        | 0          | 25     | 26     |
| 2009 | 6     | 29  | 0    | 42     | 15     | 1.175     | 0.102     | 3.53  | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 0    | 52     | 15     | 1.207     | 0.052     | 3.533 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 1    | 2      | 15     | 1.178     | 0.089     | 3.53  | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 1    | 12     | 15     | 1.184     | 0.125     | 3.533 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 0    | 155        | 156        | 0          | 26     | 25     |
| 2009 | 6     | 29  | 1    | 22     | 15     | 1.171     | 0.098     | 3.533 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 1    | 32     | 15     | 1.161     | 0.121     | 3.533 | 0.01      | 0.007     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 1    | 42     | 15     | 1.23      | 0.115     | 3.533 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 1    | 52     | 15     | 1.184     | 0.052     | 3.537 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 2    | 2      | 15     | 1.198     | 0.115     | 3.533 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 156        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 29  | 2    | 12     | 15     | 1.217     | 0.079     | 3.537 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 2    | 22     | 15     | 1.207     | 0.059     | 3.537 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 2    | 32     | 15     | 1.158     | 0.118     | 3.537 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 2    | 42     | 15     | 1.171     | 0.066     | 3.537 | 0.013     | 0.01      | 0         | 55.9 | 55.5 | 0    | 155        | 156        | 0          | 25     | 27     |
| 2009 | 6     | 29  | 2    | 52     | 15     | 1.171     | 0.098     | 3.537 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 3    | 2      | 15     | 1.214     | 0.039     | 3.537 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 3    | 12     | 15     | 1.198     | 0.105     | 3.537 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 3    | 22     | 15     | 1.204     | 0.095     | 3.537 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 3    | 32     | 15     | 1.181     | 0.095     | 3.537 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 3    | 42     | 15     | 1.201     | 0.079     | 3.537 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 3    | 52     | 15     | 1.198     | 0.066     | 3.537 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 4    | 2      | 15     | 1.188     | 0.105     | 3.537 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 4    | 12     | 15     | 1.145     | 0.138     | 3.54  | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 4    | 22     | 15     | 1.181     | 0.085     | 3.54  | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 155        | 157        | 0          | 25     | 26     |
| 2009 | 6     | 29  | 4    | 32     | 15     | 1.214     | 0.098     | 3.54  | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 0    | 156        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 29  | 4    | 42     | 15     | 1.175     | 0.112     | 3.54  | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 4    | 52     | 15     | 1.22      | 0.082     | 3.54  | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 5    | 2      | 15     | 1.181     | 0.085     | 3.54  | 0.013     | 0.01      | 0         | 56.3 | 56.8 | 0    | 157        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 5    | 12     | 15     | 1.178     | 0.095     | 3.543 | 0.013     | 0.01      | 0         | 56.3 | 56.3 | 0    | 157        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 5    | 22     | 15     | 1.23      | 0.056     | 3.543 | 0.013     | 0.01      | 0         | 56.3 | 56.8 | 0    | 157        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 5    | 32     | 15     | 1.191     | 0.095     | 3.543 | 0.013     | 0.01      | 0         | 56.8 | 56.3 | 0    | 158        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 5    | 42     | 15     | 1.214     | 0.062     | 3.543 | 0.016     | 0.013     | 0         | 56.3 | 56.8 | 0    | 157        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 5    | 52     | 15     | 1.148     | 0.102     | 3.543 | 0.01      | 0.007     | 0         | 56.8 | 56.3 | 0    | 157        | 158        | 0          | 25     | 27     |
| 2009 | 6     | 29  | 6    | 2      | 15     | 1.211     | 0.069     | 3.543 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 6    | 12     | 15     | 1.175     | 0.125     | 3.547 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 157        | 158        | 0          | 27     | 27     |
| 2009 | 6     | 29  | 6    | 22     | 15     | 1.207     | 0.056     | 3.55  | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 0    | 156        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 29  | 6    | 32     | 15     | 1.161     | 0.102     | 3.547 | 0.013     | 0.01      | 0         | 56.3 | 56.8 | 0    | 157        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 6    | 42     | 15     | 1.194     | 0.112     | 3.55  | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 0    | 157        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 6    | 52     | 15     | 1.178     | 0.151     | 3.55  | 0.016     | 0.016     | 0         | 56.3 | 56.8 | 0    | 157        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 7    | 2      | 15     | 1.171     | 0.105     | 3.556 | 0.013     | 0.01      | 0         | 56.3 | 56.8 | 0    | 157        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 7    | 12     | 15     | 1.23      | 0.098     | 3.553 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 7    | 22     | 15     | 1.171     | 0.089     | 3.556 | 0.01      | 0.007     | 0         | 56.3 | 56.8 | 0    | 157        | 158        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 7    | 32     | 15     | 1.184     | 0.059     | 3.556 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 7    | 42     | 15     | 1.204     | 0.082     | 3.556 | 0.016     | 0.013     | 0         | 56.8 | 56.8 | 0    | 157        | 158        | 0          | 25     | 26     |
| 2009 | 6     | 29  | 7    | 52     | 15     | 1.214     | 0.105     | 3.56  | 0.016     | 0.016     | 0         | 56.3 | 56.8 | 0    | 157        | 158        | 0          | 26     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 29  | 8    | 2      | 15     | 1.181     | 0.046     | 3.56  | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 8    | 12     | 15     | 1.217     | 0.092     | 3.56  | 0.01      | 0.007     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 8    | 22     | 15     | 1.204     | 0.082     | 3.56  | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 8    | 32     | 15     | 1.204     | 0.098     | 3.563 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 8    | 42     | 15     | 1.217     | 0.108     | 3.563 | 0.01      | 0.007     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 8    | 52     | 15     | 1.217     | 0.135     | 3.563 | 0.013     | 0.01      | 0         | 56.3 | 56.3 | 0    | 157        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 9    | 2      | 15     | 1.22      | 0.079     | 3.563 | 0.01      | 0.007     | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 9    | 12     | 15     | 1.178     | 0.075     | 3.563 | 0.013     | 0.01      | 0         | 56.3 | 55.9 | 0    | 157        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 9    | 22     | 15     | 1.25      | 0.062     | 3.563 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 0    | 156        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 29  | 9    | 32     | 15     | 1.276     | 0.069     | 3.563 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 0    | 155        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 9    | 42     | 15     | 1.178     | 0.056     | 3.566 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 9    | 52     | 15     | 1.204     | 0.072     | 3.566 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 0    | 156        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 29  | 10   | 2      | 15     | 1.237     | 0.066     | 3.566 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 10   | 12     | 15     | 1.224     | 0.079     | 3.566 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 10   | 22     | 15     | 1.171     | 0.082     | 3.566 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 10   | 32     | 15     | 1.181     | 0.112     | 3.566 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 10   | 42     | 15     | 1.234     | 0.095     | 3.566 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 10   | 52     | 15     | 1.198     | 0.157     | 3.566 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 155        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 11   | 2      | 15     | 1.204     | 0.098     | 3.563 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 11   | 12     | 15     | 1.198     | 0.125     | 3.566 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 11   | 22     | 15     | 1.214     | 0.098     | 3.563 | 0.01      | 0.007     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 11   | 32     | 15     | 1.214     | 0.043     | 3.566 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 11   | 42     | 15     | 1.198     | 0.052     | 3.566 | 0.01      | 0.007     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 11   | 52     | 15     | 1.211     | 0.089     | 3.563 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 12   | 2      | 15     | 1.224     | 0.059     | 3.566 | 0.01      | 0.007     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 12   | 12     | 15     | 1.161     | 0.098     | 3.566 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 12   | 22     | 15     | 1.161     | 0.125     | 3.566 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 12   | 32     | 15     | 1.227     | 0.062     | 3.563 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 12   | 42     | 15     | 1.165     | 0.079     | 3.566 | 0.013     | 0.01      | 0         | 55   | 55.9 | 0    | 154        | 155        | 0          | 26     | 25     |
| 2009 | 6     | 29  | 12   | 52     | 15     | 1.194     | 0.085     | 3.56  | 0.016     | 0.016     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 13   | 2      | 15     | 1.184     | 0.125     | 3.563 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 13   | 12     | 15     | 1.168     | 0.115     | 3.56  | 0.01      | 0.007     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 13   | 22     | 15     | 1.214     | 0.102     | 3.563 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 13   | 32     | 15     | 1.171     | 0.141     | 3.56  | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 13   | 42     | 15     | 1.181     | 0.082     | 3.56  | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 13   | 52     | 15     | 1.129     | 0.108     | 3.56  | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 0    | 154        | 156        | 0          | 25     | 25     |
| 2009 | 6     | 29  | 14   | 2      | 15     | 1.204     | 0.092     | 3.56  | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 154        | 155        | 0          | 25     | 26     |
| 2009 | 6     | 29  | 14   | 12     | 15     | 1.188     | 0.128     | 3.56  | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 14   | 22     | 15     | 1.178     | 0.128     | 3.56  | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 14   | 32     | 15     | 1.175     | 0.095     | 3.56  | 0.01      | 0.007     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 14   | 42     | 15     | 1.188     | 0.112     | 3.56  | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 14   | 52     | 15     | 1.201     | 0.082     | 3.56  | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 15   | 2      | 15     | 1.178     | 0.118     | 3.56  | 0.013     | 0.01      | 0         | 55   | 55.9 | 0    | 154        | 155        | 0          | 26     | 25     |
| 2009 | 6     | 29  | 15   | 12     | 15     | 1.161     | 0.098     | 3.56  | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 154        | 155        | 0          | 25     | 26     |
| 2009 | 6     | 29  | 15   | 22     | 15     | 1.214     | 0.089     | 3.56  | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 15   | 32     | 15     | 1.181     | 0.072     | 3.56  | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 15   | 42     | 15     | 1.201     | 0.098     | 3.56  | 0.013     | 0.01      | 0         | 55   | 54.6 | 0    | 153        | 154        | 0          | 25     | 27     |
| 2009 | 6     | 29  | 15   | 52     | 15     | 1.211     | 0.131     | 3.56  | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 29  | 16   | 2      | 15     | 1.184     | 0.125     | 3.563 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 16   | 12     | 15     | 1.161     | 0.144     | 3.56  | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 16   | 22     | 15     | 1.155     | 0.112     | 3.56  | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 16   | 32     | 15     | 1.191     | 0.125     | 3.563 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 0    | 153        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 16   | 42     | 15     | 1.191     | 0.079     | 3.563 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 16   | 52     | 15     | 1.194     | 0.135     | 3.563 | 0.013     | 0.01      | 0         | 55.5 | 55   | 0    | 154        | 155        | 0          | 25     | 27     |
| 2009 | 6     | 29  | 17   | 2      | 15     | 1.217     | 0.082     | 3.563 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 0    | 153        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 17   | 12     | 15     | 1.227     | 0.125     | 3.56  | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 17   | 22     | 15     | 1.211     | 0.118     | 3.56  | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 17   | 32     | 15     | 1.201     | 0.121     | 3.56  | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 17   | 42     | 15     | 1.243     | 0.098     | 3.563 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 17   | 52     | 15     | 1.243     | 0.112     | 3.563 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 0    | 153        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 18   | 2      | 15     | 1.142     | 0.154     | 3.566 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 18   | 12     | 15     | 1.181     | 0.131     | 3.566 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 18   | 22     | 15     | 1.217     | 0.095     | 3.566 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 18   | 32     | 15     | 1.207     | 0.108     | 3.566 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 18   | 42     | 15     | 1.171     | 0.118     | 3.566 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 18   | 52     | 15     | 1.247     | 0.125     | 3.566 | 0.01      | 0.007     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 19   | 2      | 15     | 1.148     | 0.105     | 3.57  | 0.016     | 0.016     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 19   | 12     | 15     | 1.171     | 0.082     | 3.57  | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 19   | 22     | 15     | 1.184     | 0.089     | 3.57  | 0.01      | 0.007     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 19   | 32     | 15     | 1.165     | 0.138     | 3.57  | 0.01      | 0.007     | 0         | 55.9 | 55.9 | 0    | 155        | 156        | 0          | 25     | 26     |
| 2009 | 6     | 29  | 19   | 42     | 15     | 1.181     | 0.098     | 3.57  | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 19   | 52     | 15     | 1.22      | 0.075     | 3.57  | 0.013     | 0.01      | 0         | 55   | 55.9 | 0    | 154        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 20   | 2      | 15     | 1.178     | 0.102     | 3.57  | 0.013     | 0.01      | 0         | 55.9 | 55.5 | 0    | 155        | 156        | 0          | 25     | 27     |
| 2009 | 6     | 29  | 20   | 12     | 15     | 1.168     | 0.115     | 3.57  | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 20   | 22     | 15     | 1.178     | 0.112     | 3.573 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 20   | 32     | 15     | 1.198     | 0.085     | 3.57  | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 20   | 42     | 15     | 1.184     | 0.154     | 3.573 | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 0    | 157        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 20   | 52     | 15     | 1.181     | 0.089     | 3.573 | 0.01      | 0.007     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 21   | 2      | 15     | 1.175     | 0.125     | 3.573 | 0.01      | 0.007     | 0         | 55.9 | 56.8 | 0    | 156        | 157        | 0          | 26     | 25     |
| 2009 | 6     | 29  | 21   | 12     | 15     | 1.227     | 0.131     | 3.573 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 21   | 22     | 15     | 1.214     | 0.102     | 3.573 | 0.01      | 0.007     | 0         | 55.9 | 55.9 | 0    | 155        | 156        | 0          | 25     | 26     |
| 2009 | 6     | 29  | 21   | 32     | 15     | 1.23      | 0.151     | 3.573 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 155        | 156        | 0          | 25     | 26     |
| 2009 | 6     | 29  | 21   | 42     | 15     | 1.158     | 0.115     | 3.573 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 155        | 156        | 0          | 25     | 26     |
| 2009 | 6     | 29  | 21   | 52     | 15     | 1.211     | 0.112     | 3.573 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 22   | 2      | 15     | 1.165     | 0.085     | 3.576 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 22   | 12     | 15     | 1.171     | 0.112     | 3.573 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 0    | 155        | 156        | 0          | 26     | 25     |
| 2009 | 6     | 29  | 22   | 22     | 15     | 1.224     | 0.108     | 3.573 | 0.01      | 0.007     | 0         | 55.9 | 55.9 | 0    | 155        | 156        | 0          | 25     | 26     |
| 2009 | 6     | 29  | 22   | 32     | 15     | 1.224     | 0.066     | 3.576 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 22   | 42     | 15     | 1.211     | 0.131     | 3.576 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 155        | 156        | 0          | 25     | 26     |
| 2009 | 6     | 29  | 22   | 52     | 15     | 1.26      | 0.098     | 3.576 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 23   | 2      | 15     | 1.168     | 0.098     | 3.576 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 23   | 12     | 15     | 1.181     | 0.092     | 3.576 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 23   | 22     | 15     | 1.22      | 0.052     | 3.576 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 29  | 23   | 32     | 15     | 1.194     | 0.121     | 3.576 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 29  | 23   | 42     | 15     | 1.234     | 0.082     | 3.576 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 155        | 156        | 0          | 25     | 26     |
| 2009 | 6     | 29  | 23   | 52     | 15     | 1.224     | 0.105     | 3.576 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 0    | 155        | 156        | 0          | 26     | 25     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 30  | 0    | 2      | 15     | 1.191     | 0.121     | 3.579 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 0    | 12     | 15     | 1.181     | 0.108     | 3.576 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 0    | 22     | 15     | 1.178     | 0.118     | 3.579 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 0    | 32     | 15     | 1.23      | 0.092     | 3.576 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 0    | 42     | 15     | 1.175     | 0.131     | 3.579 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 0    | 52     | 15     | 1.207     | 0.082     | 3.579 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 1    | 2      | 15     | 1.194     | 0.105     | 3.579 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 1    | 12     | 15     | 1.247     | 0.115     | 3.579 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 1    | 22     | 15     | 1.22      | 0.089     | 3.579 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 1    | 32     | 15     | 1.214     | 0.118     | 3.579 | 0.01      | 0.007     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 1    | 42     | 15     | 1.207     | 0.112     | 3.579 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 1    | 52     | 15     | 1.227     | 0.089     | 3.579 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 2    | 2      | 15     | 1.217     | 0.095     | 3.579 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 2    | 12     | 15     | 1.194     | 0.112     | 3.579 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 2    | 22     | 15     | 1.23      | 0.075     | 3.579 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 2    | 32     | 15     | 1.211     | 0.056     | 3.579 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 2    | 42     | 15     | 1.207     | 0.118     | 3.579 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 2    | 52     | 15     | 1.211     | 0.112     | 3.579 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 3    | 2      | 15     | 1.165     | 0.102     | 3.579 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 3    | 12     | 15     | 1.211     | 0.121     | 3.583 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 3    | 22     | 15     | 1.198     | 0.066     | 3.583 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 3    | 32     | 15     | 1.181     | 0.112     | 3.583 | 0.01      | 0.007     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 3    | 42     | 15     | 1.247     | 0.138     | 3.583 | 0.013     | 0.01      | 0         | 56.3 | 56.3 | 0    | 156        | 157        | 0          | 25     | 26     |
| 2009 | 6     | 30  | 3    | 52     | 15     | 1.214     | 0.151     | 3.583 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 4    | 2      | 15     | 1.211     | 0.095     | 3.583 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 4    | 12     | 15     | 1.198     | 0.135     | 3.583 | 0.01      | 0.007     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 4    | 22     | 15     | 1.227     | 0.075     | 3.583 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 4    | 32     | 15     | 1.207     | 0.085     | 3.586 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 0    | 156        | 157        | 0          | 27     | 26     |
| 2009 | 6     | 30  | 4    | 42     | 15     | 1.194     | 0.141     | 3.586 | 0.016     | 0.016     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 4    | 52     | 15     | 1.23      | 0.089     | 3.586 | 0.01      | 0.007     | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 5    | 2      | 15     | 1.178     | 0.131     | 3.586 | 0.01      | 0.007     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 5    | 12     | 15     | 1.227     | 0.118     | 3.586 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 5    | 22     | 15     | 1.214     | 0.082     | 3.586 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 5    | 32     | 15     | 1.171     | 0.095     | 3.589 | 0.01      | 0.007     | 0         | 56.3 | 56.3 | 0    | 157        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 5    | 42     | 15     | 1.171     | 0.121     | 3.586 | 0.01      | 0.007     | 0         | 56.3 | 56.3 | 0    | 157        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 5    | 52     | 15     | 1.198     | 0.092     | 3.593 | 0.013     | 0.01      | 0         | 56.3 | 56.3 | 0    | 157        | 158        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 6    | 2      | 15     | 1.207     | 0.059     | 3.589 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 157        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 6    | 12     | 15     | 1.214     | 0.112     | 3.593 | 0.013     | 0.01      | 0         | 56.3 | 56.3 | 0    | 157        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 6    | 22     | 15     | 1.194     | 0.098     | 3.596 | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 0    | 157        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 6    | 32     | 15     | 1.214     | 0.095     | 3.596 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 6    | 42     | 15     | 1.214     | 0.066     | 3.596 | 0.016     | 0.016     | 0         | 56.3 | 56.3 | 0    | 157        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 6    | 52     | 15     | 1.211     | 0.089     | 3.596 | 0.013     | 0.01      | 0         | 56.3 | 56.3 | 0    | 157        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 7    | 2      | 15     | 1.184     | 0.108     | 3.599 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 7    | 12     | 15     | 1.217     | 0.095     | 3.599 | 0.01      | 0.007     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 7    | 22     | 15     | 1.207     | 0.082     | 3.599 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 7    | 32     | 15     | 1.224     | 0.108     | 3.599 | 0.01      | 0.007     | 0         | 56.3 | 56.3 | 0    | 157        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 7    | 42     | 15     | 1.198     | 0.095     | 3.602 | 0.01      | 0.007     | 0         | 55.9 | 55.5 | 0    | 156        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 7    | 52     | 15     | 1.211     | 0.095     | 3.602 | 0.01      | 0.007     | 0         | 56.3 | 56.8 | 0    | 157        | 158        | 0          | 26     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 30  | 8    | 2      | 15     | 1.207     | 0.105     | 3.599 | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 0    | 157        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 8    | 12     | 15     | 1.24      | 0.049     | 3.602 | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 8    | 22     | 15     | 1.188     | 0.105     | 3.602 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 155        | 156        | 0          | 25     | 26     |
| 2009 | 6     | 30  | 8    | 32     | 15     | 1.211     | 0.102     | 3.606 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 8    | 42     | 15     | 1.243     | 0.085     | 3.602 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 8    | 52     | 15     | 1.178     | 0.089     | 3.602 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 9    | 2      | 15     | 1.24      | 0.066     | 3.606 | 0.016     | 0.013     | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 30  | 9    | 12     | 15     | 1.211     | 0.082     | 3.606 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 9    | 22     | 15     | 1.168     | 0.102     | 3.606 | 0.013     | 0.01      | 0         | 55   | 55.9 | 0    | 155        | 156        | 0          | 27     | 26     |
| 2009 | 6     | 30  | 9    | 32     | 15     | 1.211     | 0.082     | 3.606 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 9    | 42     | 15     | 1.224     | 0.092     | 3.606 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 9    | 52     | 15     | 1.243     | 0.049     | 3.606 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 10   | 2      | 15     | 1.25      | 0.085     | 3.606 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 10   | 12     | 15     | 1.194     | 0.098     | 3.606 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 10   | 22     | 15     | 1.168     | 0.095     | 3.606 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 10   | 32     | 15     | 1.198     | 0.092     | 3.606 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 10   | 42     | 15     | 1.207     | 0.118     | 3.606 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 0    | 154        | 155        | 0          | 27     | 26     |
| 2009 | 6     | 30  | 10   | 52     | 15     | 1.234     | 0.112     | 3.606 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 11   | 2      | 15     | 1.22      | 0.105     | 3.606 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 11   | 12     | 15     | 1.227     | 0.125     | 3.606 | 0.013     | 0.01      | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 11   | 22     | 15     | 1.178     | 0.095     | 3.606 | 0.01      | 0.007     | 0         | 55   | 55   | 0    | 154        | 155        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 11   | 32     | 15     | 1.22      | 0.079     | 3.606 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 11   | 42     | 15     | 1.161     | 0.085     | 3.606 | 0.016     | 0.013     | 0         | 55   | 55   | 0    | 154        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 11   | 52     | 15     | 1.23      | 0.102     | 3.606 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 12   | 2      | 15     | 1.207     | 0.102     | 3.602 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 12   | 12     | 15     | 1.178     | 0.131     | 3.606 | 0.016     | 0.013     | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 12   | 22     | 15     | 1.26      | 0.098     | 3.606 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 153        | 154        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 12   | 32     | 15     | 1.24      | 0.075     | 3.606 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 12   | 42     | 15     | 1.22      | 0.118     | 3.602 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 12   | 52     | 15     | 1.191     | 0.112     | 3.602 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 13   | 2      | 15     | 1.234     | 0.098     | 3.602 | 0.01      | 0.007     | 0         | 54.6 | 54.2 | 0    | 153        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 13   | 12     | 15     | 1.214     | 0.102     | 3.602 | 0.013     | 0.01      | 0         | 54.6 | 55   | 0    | 153        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 13   | 22     | 15     | 1.227     | 0.039     | 3.602 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 13   | 32     | 15     | 1.211     | 0.049     | 3.599 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 13   | 42     | 15     | 1.237     | 0.033     | 3.599 | 0.013     | 0.01      | 0         | 54.2 | 55   | 0    | 152        | 154        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 13   | 52     | 15     | 1.155     | 0.144     | 3.599 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 14   | 2      | 15     | 1.214     | 0.085     | 3.602 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 0    | 153        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 14   | 12     | 15     | 1.266     | 0.125     | 3.602 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 14   | 22     | 15     | 1.24      | 0.056     | 3.599 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 0    | 151        | 152        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 14   | 32     | 15     | 1.22      | 0.108     | 3.599 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 14   | 42     | 15     | 1.273     | 0.069     | 3.599 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 0    | 152        | 153        | 0          | 25     | 26     |
| 2009 | 6     | 30  | 14   | 52     | 15     | 1.227     | 0.085     | 3.599 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 15   | 2      | 15     | 1.253     | 0.049     | 3.599 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 0    | 152        | 153        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 15   | 12     | 15     | 1.247     | 0.082     | 3.599 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 0    | 152        | 153        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 15   | 22     | 15     | 1.204     | 0.085     | 3.599 | 0.016     | 0.016     | 0         | 55   | 55   | 0    | 153        | 154        | 0          | 25     | 26     |
| 2009 | 6     | 30  | 15   | 32     | 15     | 1.158     | 0.131     | 3.599 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 15   | 42     | 15     | 1.25      | 0.112     | 3.599 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 15   | 52     | 15     | 1.201     | 0.141     | 3.602 | 0.01      | 0.007     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 30  | 16   | 2      | 15     | 1.214     | 0.125     | 3.602 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 16   | 12     | 15     | 1.227     | 0.144     | 3.602 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 16   | 22     | 15     | 1.217     | 0.141     | 3.602 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 154        | 155        | 0          | 25     | 26     |
| 2009 | 6     | 30  | 16   | 32     | 15     | 1.289     | 0.108     | 3.602 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 16   | 42     | 15     | 1.23      | 0.115     | 3.602 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 154        | 155        | 0          | 25     | 26     |
| 2009 | 6     | 30  | 16   | 52     | 15     | 1.243     | 0.095     | 3.602 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 17   | 2      | 15     | 1.243     | 0.108     | 3.599 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 0    | 154        | 155        | 0          | 25     | 26     |
| 2009 | 6     | 30  | 17   | 12     | 15     | 1.142     | 0.135     | 3.602 | 0.016     | 0.016     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 17   | 22     | 15     | 1.273     | 0.085     | 3.602 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 17   | 32     | 15     | 1.211     | 0.141     | 3.602 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 17   | 42     | 15     | 1.22      | 0.108     | 3.602 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 0    | 154        | 155        | 0          | 25     | 26     |
| 2009 | 6     | 30  | 17   | 52     | 15     | 1.191     | 0.131     | 3.602 | 0.016     | 0.013     | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 18   | 2      | 15     | 1.243     | 0.102     | 3.606 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 18   | 12     | 15     | 1.227     | 0.098     | 3.606 | 0.01      | 0.007     | 0         | 55   | 55.9 | 0    | 154        | 155        | 0          | 26     | 25     |
| 2009 | 6     | 30  | 18   | 22     | 15     | 1.201     | 0.112     | 3.602 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 18   | 32     | 15     | 1.198     | 0.154     | 3.606 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 18   | 42     | 15     | 1.26      | 0.056     | 3.606 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 18   | 52     | 15     | 1.211     | 0.108     | 3.606 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 19   | 2      | 15     | 1.26      | 0.115     | 3.606 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 19   | 12     | 15     | 1.204     | 0.128     | 3.606 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 19   | 22     | 15     | 1.204     | 0.128     | 3.606 | 0.01      | 0.007     | 0         | 55.5 | 55.5 | 0    | 155        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 19   | 32     | 15     | 1.198     | 0.138     | 3.606 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 19   | 42     | 15     | 1.194     | 0.112     | 3.609 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 19   | 52     | 15     | 1.224     | 0.112     | 3.609 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 20   | 2      | 15     | 1.263     | 0.082     | 3.606 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 155        | 156        | 0          | 25     | 26     |
| 2009 | 6     | 30  | 20   | 12     | 15     | 1.263     | 0.092     | 3.612 | 0.013     | 0.01      | 0         | 55   | 55.5 | 0    | 154        | 155        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 20   | 22     | 15     | 1.184     | 0.098     | 3.609 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 20   | 32     | 15     | 1.243     | 0.079     | 3.612 | 0.02      | 0.016     | 0         | 55.5 | 56.3 | 0    | 155        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 20   | 42     | 15     | 1.243     | 0.105     | 3.612 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 20   | 52     | 15     | 1.243     | 0.075     | 3.612 | 0.013     | 0.01      | 0         | 56.3 | 55.9 | 0    | 156        | 157        | 0          | 25     | 27     |
| 2009 | 6     | 30  | 21   | 2      | 15     | 1.23      | 0.085     | 3.612 | 0.016     | 0.016     | 0         | 55.9 | 56.3 | 0    | 156        | 157        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 21   | 12     | 15     | 1.247     | 0.082     | 3.612 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 21   | 22     | 15     | 1.204     | 0.102     | 3.612 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 21   | 32     | 15     | 1.234     | 0.082     | 3.615 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 21   | 42     | 15     | 1.227     | 0.098     | 3.615 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 0    | 155        | 156        | 0          | 25     | 26     |
| 2009 | 6     | 30  | 21   | 52     | 15     | 1.214     | 0.085     | 3.615 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 22   | 2      | 15     | 1.237     | 0.082     | 3.615 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 22   | 12     | 15     | 1.194     | 0.085     | 3.615 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 22   | 22     | 15     | 1.26      | 0.095     | 3.615 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 22   | 32     | 15     | 1.214     | 0.059     | 3.615 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 22   | 42     | 15     | 1.237     | 0.112     | 3.619 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 156        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 22   | 52     | 15     | 1.227     | 0.108     | 3.619 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 0    | 155        | 156        | 0          | 25     | 26     |
| 2009 | 6     | 30  | 23   | 2      | 15     | 1.227     | 0.056     | 3.615 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 23   | 12     | 15     | 1.171     | 0.112     | 3.619 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 23   | 22     | 15     | 1.234     | 0.089     | 3.619 | 0.013     | 0.01      | 0         | 55   | 55.9 | 0    | 154        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 23   | 32     | 15     | 1.227     | 0.072     | 3.619 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 0    | 155        | 156        | 0          | 26     | 27     |
| 2009 | 6     | 30  | 23   | 42     | 15     | 1.217     | 0.138     | 3.619 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |
| 2009 | 6     | 30  | 23   | 52     | 15     | 1.211     | 0.079     | 3.619 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 0    | 155        | 156        | 0          | 26     | 26     |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 1   | 0    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 0    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 0    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 0    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 0    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 0    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 1    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 1    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 1    | 22     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 1    | 32     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 1    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 1    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 2    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 2    | 12     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 2    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 2    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 2    | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 2    | 52     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 3    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 3    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 3    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 3    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 3    | 42     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 3    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 4    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 4    | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 4    | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 4    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 4    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 4    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 5    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 5    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 5    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 5    | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 5    | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 5    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 6    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 6    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 6    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 6    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 6    | 42     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 6    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 7    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 7    | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 7    | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 7    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 7    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 7    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 1   | 8    | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 8    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 8    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 8    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 8    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 8    | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 9    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 9    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 9    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 9    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 9    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 9    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 10   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 10   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 10   | 22     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 10   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 10   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 10   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 11   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 11   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 11   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 11   | 32     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 11   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 11   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 12   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 12   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 12   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 12   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 12   | 42     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 12   | 52     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 13   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 13   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 13   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 13   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 13   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 13   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 14   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 14   | 12     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 14   | 22     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 14   | 32     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 14   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 14   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 15   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 15   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 15   | 22     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 15   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 15   | 42     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 15   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 1   | 16   | 2      | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 16   | 12     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 16   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 16   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 16   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 16   | 52     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 17   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 17   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 17   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 17   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 17   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 17   | 52     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 18   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 18   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 18   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 18   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 18   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 18   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 19   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 19   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 19   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 19   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 19   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 19   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 20   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 20   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 20   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 20   | 32     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 20   | 42     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 20   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 21   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 21   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 21   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 21   | 32     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 21   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 21   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 22   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 22   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 22   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 22   | 32     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 22   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 22   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 23   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 23   | 12     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 23   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 23   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 23   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 23   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 2   | 0    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 0    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 0    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 0    | 32     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 0    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 0    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 1    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 1    | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 1    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 1    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 1    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 1    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 2    | 2      | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 2    | 12     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 2    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 2    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 2    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 2    | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 3    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 3    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 3    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 3    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 3    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 3    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 4    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 4    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 4    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 4    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 4    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 4    | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 5    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 5    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 5    | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 5    | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 5    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 5    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 6    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 6    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 6    | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 6    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 6    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 6    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 7    | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 7    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 7    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 7    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 7    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 7    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11.4    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 2   | 8    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 8    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 8    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 8    | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 8    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 8    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 9    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 9    | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 9    | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 9    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 9    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 9    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 10   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 10   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 10   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 10   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 10   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 10   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 11   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 11   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 11   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 11   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 11   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 11   | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 12   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 12   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 12   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 12   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 12   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 12   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 13   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 13   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 13   | 22     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 13   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 13   | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 13   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 14   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 14   | 12     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 14   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 14   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 14   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 14   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 15   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 15   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 15   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 15   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 15   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 15   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 2   | 16   | 2      | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 16   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 16   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 16   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 16   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 16   | 52     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 17   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 17   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 17   | 22     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 17   | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 17   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 17   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 18   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 18   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 18   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 18   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 18   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 18   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 19   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 19   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 19   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 19   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 19   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 19   | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 20   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 20   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 20   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 20   | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 20   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 20   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 21   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 21   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 21   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 21   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 21   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 21   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 22   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 22   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 22   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 22   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 22   | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 22   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 23   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 23   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 23   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 23   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 23   | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 23   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 3   | 0    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 0    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 0    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 0    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 0    | 42     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 0    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 1    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 1    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 1    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 1    | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 1    | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 1    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 2    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 2    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 2    | 22     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 2    | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 2    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 2    | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 3    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 3    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 3    | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 3    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 3    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 3    | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 4    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 4    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 4    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 4    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 4    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 4    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 5    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 5    | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 5    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 5    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 5    | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 5    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 6    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 6    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 6    | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 6    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 6    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 6    | 52     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 7    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 7    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 7    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 7    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 7    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 7    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 3   | 8    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 8    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 8    | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 8    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 8    | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 8    | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 9    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 9    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 9    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 9    | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 9    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 9    | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 10   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 10   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 10   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 10   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 10   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 10   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 11   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 11   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 11   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 11   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 11   | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 11   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 12   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 12   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 12   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 12   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 12   | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 12   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 13   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 13   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 13   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 13   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 13   | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 13   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 14   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 14   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 14   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 14   | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 14   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 14   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 15   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 15   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 15   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 15   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 15   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.64       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 15   | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 11.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 3   | 16   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 16   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.49       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 16   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 16   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 16   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 16   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 17   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 17   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 17   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 17   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.01       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 17   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.93       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 17   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.9        | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 18   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 18   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.81       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 18   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.79       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 18   | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.75       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 18   | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.72       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 18   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.7        | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 19   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 19   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 19   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.65       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 19   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 19   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.61       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 19   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.59       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 20   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.59       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 20   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.59       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 20   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.57       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 20   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.57       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 20   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.56       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 20   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.56       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 21   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.56       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 21   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.54       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 21   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.52       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 21   | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.5        | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 21   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.48       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 21   | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.47       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 22   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.45       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 22   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.41       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 22   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.39       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 22   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.36       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 22   | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.32       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 22   | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.29       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 23   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.27       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 23   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.21       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 23   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.2        | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 23   | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.16       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 23   | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.11       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 23   | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.07       | 0        | 0              | 11.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 4   | 0    | 2      | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.02       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 0    | 12     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.96       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 0    | 22     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.91       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 0    | 32     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 0    | 42     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.82       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 0    | 52     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.76       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 1    | 2      | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.71       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 1    | 12     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.66       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 1    | 22     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.6        | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 1    | 32     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.55       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 1    | 42     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.49       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 1    | 52     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.44       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 2    | 2      | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.39       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 2    | 12     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.33       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 2    | 22     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.28       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 2    | 32     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.24       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 2    | 42     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.17       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 2    | 52     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.12       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 3    | 2      | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.08       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 3    | 12     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.03       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 3    | 22     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.97       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 3    | 32     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.9        | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 3    | 42     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.86       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 3    | 52     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.79       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 4    | 2      | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.76       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 4    | 12     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.7        | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 4    | 22     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.65       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 4    | 32     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.58       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 4    | 42     | 59     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.52       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 4    | 52     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.47       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 5    | 2      | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.41       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 5    | 12     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.36       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 5    | 22     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.31       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 5    | 32     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.25       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 5    | 42     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.2        | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 5    | 52     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.14       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 6    | 2      | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.11       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 6    | 12     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.05       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 6    | 22     | 59     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59          | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 6    | 32     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.95       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 6    | 42     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.91       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 6    | 52     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.87       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 7    | 2      | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.84       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 7    | 12     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.82       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 7    | 22     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.78       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 7    | 32     | 59     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.78       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 7    | 42     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.78       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 7    | 52     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.78       | 0        | 0              | 11.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 4   | 8    | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 58.8        | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 8    | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 58.82       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 8    | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 58.86       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 8    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 58.87       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 8    | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 58.93       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 8    | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 58.96       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 9    | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.04       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 9    | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.07       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 9    | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.14       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 9    | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.22       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 9    | 42     | 59     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.29       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 9    | 52     | 59     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.36       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 10   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.45       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 10   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.56       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 10   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.65       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 10   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.76       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 10   | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 10   | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 11   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 11   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 11   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 11   | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 11   | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 11   | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 12   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 12   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 12   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 12   | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 12   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 12   | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 13   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 13   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 13   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 13   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 13   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 13   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 14   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 14   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 14   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 14   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 14   | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 14   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 15   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 15   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 15   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 15   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 15   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 15   | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 4   | 16   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 16   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 16   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 16   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 16   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 16   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 17   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 17   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 17   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 17   | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 17   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 17   | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 18   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 18   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.9        | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 18   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.84       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 18   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.79       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 18   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.72       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 18   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 19   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.61       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 19   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.54       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 19   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.48       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 19   | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.43       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 19   | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.38       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 19   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.34       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 20   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.3        | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 20   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.27       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 20   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.23       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 20   | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.21       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 20   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.18       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 20   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.16       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 21   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.12       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 21   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.11       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 21   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.09       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 21   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.09       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 21   | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.07       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 21   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.05       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 22   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.05       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 22   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.03       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 22   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.02       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 22   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61          | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 22   | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.98       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 22   | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.96       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 23   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.96       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 23   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.94       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 23   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.94       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 23   | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.93       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 23   | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.91       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 23   | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.91       | 0        | 0              | 11.4    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 5   | 0    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 0    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 0    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 0    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.85       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 0    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.84       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 0    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.82       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 1    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.78       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 1    | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.75       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 1    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.73       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 1    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.69       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 1    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.66       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 1    | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.62       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 2    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.58       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 2    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.55       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 2    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.49       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 2    | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.46       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 2    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.4        | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 2    | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.37       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 3    | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.31       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 3    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.28       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 3    | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.22       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 3    | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.17       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 3    | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.13       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 3    | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.1        | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 4    | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.04       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 4    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.03       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 4    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.99       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 4    | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.95       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 4    | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.92       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 4    | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.88       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 5    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.85       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 5    | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.81       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 5    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.77       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 5    | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.76       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 5    | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.72       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 5    | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.68       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 6    | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.67       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 6    | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.65       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 6    | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.63       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 6    | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.61       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 6    | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.58       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 6    | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.56       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 7    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.56       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 7    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.54       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 7    | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.56       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 7    | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.58       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 7    | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.58       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 7    | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.61       | 0        | 0              | 11.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 5   | 8    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.61       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 8    | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.65       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 8    | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.67       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 8    | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.7        | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 8    | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.74       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 8    | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.77       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 9    | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.85       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 9    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.88       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 9    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.94       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 9    | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.01       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 9    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.06       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 9    | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.13       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 10   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.22       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 10   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.31       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 10   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.42       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 10   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.51       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 10   | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 10   | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 11   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 11   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 11   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.03       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 11   | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 11   | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 11   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 12   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 12   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 12   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 12   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 12   | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.7        | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 12   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 13   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 13   | 12     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 13   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.72       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 13   | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 13   | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 13   | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 14   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 14   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 14   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 14   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 14   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 14   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 15   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 15   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 15   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 15   | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 15   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 15   | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.49       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 5   | 16   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 16   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 16   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 16   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 16   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 16   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 17   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 17   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 17   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 17   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 17   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 17   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 18   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 18   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 18   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 18   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 18   | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 18   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 19   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 19   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 19   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.64       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 19   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 19   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 19   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 20   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 20   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 20   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.51       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 20   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.49       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 20   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 20   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 21   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.4        | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 21   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 21   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 21   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 21   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 21   | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 22   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 22   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 22   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 22   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 22   | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 22   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 23   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 23   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 23   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 23   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 23   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 23   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 6   | 0    | 2      | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 0    | 12     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 0    | 22     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 0    | 32     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 0    | 42     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 0    | 52     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 1    | 2      | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 1    | 12     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 1    | 22     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 1    | 32     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.19       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 1    | 42     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 1    | 52     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 2    | 2      | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 2    | 12     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 2    | 22     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 2    | 32     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.01       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 2    | 42     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.97       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 2    | 52     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.93       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 3    | 2      | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.92       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 3    | 12     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 3    | 22     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 3    | 32     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.75       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 3    | 42     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.72       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 3    | 52     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 4    | 2      | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 4    | 12     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.57       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 4    | 22     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.52       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 4    | 32     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.48       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 4    | 42     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.41       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 4    | 52     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.38       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 5    | 2      | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.32       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 5    | 12     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.27       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 5    | 22     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.21       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 5    | 32     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.16       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 5    | 42     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.09       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 5    | 52     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.05       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 6    | 2      | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61          | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 6    | 12     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.96       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 6    | 22     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.91       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 6    | 32     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 6    | 42     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.85       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 6    | 52     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.82       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 7    | 2      | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.8        | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 7    | 12     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.76       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 7    | 22     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.73       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 7    | 32     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.71       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 7    | 42     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.69       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 7    | 52     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.67       | 0        | 0              | 11.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 6   | 8    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.67       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 8    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.66       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 8    | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.66       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 8    | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.64       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 8    | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.64       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 8    | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.62       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 9    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.64       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 9    | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.69       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 9    | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.73       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 9    | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.76       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 9    | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.8        | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 9    | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.85       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 10   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.93       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 10   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61          | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 10   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.09       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 10   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.14       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 10   | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.2        | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 10   | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.29       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 11   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 11   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 11   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 11   | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 11   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.7        | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 11   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.75       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 12   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.79       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 12   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 12   | 22     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 12   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 12   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 12   | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 13   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 13   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 13   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 13   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 13   | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 13   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 14   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 14   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 14   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 14   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 14   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 14   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 15   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 15   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 15   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 15   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 15   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 15   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 6   | 16   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 16   | 12     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 16   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 16   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 16   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 16   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 17   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 17   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 17   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 17   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 17   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 17   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 18   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 18   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 18   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 18   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 18   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 18   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 19   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 19   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 19   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 19   | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 19   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 19   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 20   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 20   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 20   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 20   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 20   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 20   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 21   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 21   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 21   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 21   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 21   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 21   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 22   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 22   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 22   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 22   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 22   | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 22   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 23   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 23   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 23   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 23   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 23   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 23   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 7   | 0    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 0    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 0    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 0    | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 0    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 0    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 1    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 1    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 1    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 1    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 1    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 1    | 52     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 2    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 2    | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 2    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 2    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 2    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 2    | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 3    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 3    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 3    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 3    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 3    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 3    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 4    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.49       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 4    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 4    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 4    | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 4    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 4    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 5    | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 5    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 5    | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 5    | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 5    | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.99       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 5    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 6    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.9        | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 6    | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 6    | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.81       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 6    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.77       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 6    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.74       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 6    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.7        | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 7    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 7    | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.65       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 7    | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 7    | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 7    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.65       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 7    | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.65       | 0        | 0              | 11.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 7   | 8    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 8    | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 8    | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 8    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.7        | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 8    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.72       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 8    | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.75       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 9    | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.81       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 9    | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 9    | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.92       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 9    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.97       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 9    | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 9    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.11       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 10   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 10   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 10   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 10   | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 10   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.51       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 10   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 11   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 11   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 11   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 11   | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 11   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 11   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 12   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 12   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 12   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 12   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 12   | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 12   | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 13   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 13   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 13   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 13   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 13   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 13   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 14   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 14   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 14   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 14   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 14   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 14   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 15   | 2      | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 15   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 15   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 15   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 15   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 15   | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.4    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 7   | 16   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 16   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 16   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 16   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 16   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 16   | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 17   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 17   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 17   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 17   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 17   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 17   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 18   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 18   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 18   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 18   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 18   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 18   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 19   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 19   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 19   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 19   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 19   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 19   | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 20   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 20   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 20   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 20   | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 20   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 20   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 21   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 21   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 21   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 21   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 21   | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 21   | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 22   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 22   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 22   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 22   | 32     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 22   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 22   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 23   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 23   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 23   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 23   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 23   | 42     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 23   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 8   | 0    | 2      | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 0    | 12     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 0    | 22     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 0    | 32     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 0    | 42     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 0    | 52     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 1    | 2      | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 1    | 12     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 1    | 22     | 59     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 1    | 32     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 1    | 42     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 1    | 52     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 2    | 2      | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 2    | 12     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 2    | 22     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 2    | 32     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 2    | 42     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 2    | 52     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 3    | 2      | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 3    | 12     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 3    | 22     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 3    | 32     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 3    | 42     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 3    | 52     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 4    | 2      | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 4    | 12     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 4    | 22     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 4    | 32     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 4    | 42     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 4    | 52     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 5    | 2      | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 5    | 12     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 5    | 22     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 5    | 32     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 5    | 42     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 5    | 52     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 6    | 2      | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 6    | 12     | 59     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 6    | 22     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 6    | 32     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 6    | 42     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 6    | 52     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 7    | 2      | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 7    | 12     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 7    | 22     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 7    | 32     | 59     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 7    | 42     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 7    | 52     | 59     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 11.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 8   | 8    | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 8    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.64       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 8    | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 8    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 8    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 8    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 9    | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 9    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 9    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 9    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 9    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 9    | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 10   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 10   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 10   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 10   | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 10   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 10   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 11   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 11   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 11   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 11   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 11   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 11   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 12   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 12   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 12   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 12   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 12   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 12   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 13   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 13   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 13   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 13   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 13   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 13   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 14   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 14   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 14   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 14   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 14   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 14   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 15   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 15   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 15   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 15   | 32     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 15   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 15   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 8   | 16   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 16   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 16   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 16   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 16   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 16   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 17   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 17   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 17   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 17   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 17   | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 17   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 18   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 18   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 18   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 18   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 18   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 18   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 19   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 19   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 19   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 19   | 32     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 19   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 19   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 20   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 20   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 20   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 20   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 20   | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 20   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 21   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 21   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 21   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 21   | 32     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 21   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 21   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 22   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 22   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 22   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 22   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 22   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 22   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 23   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 23   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 23   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 23   | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 23   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 23   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 9   | 0    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 0    | 12     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 0    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 0    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 0    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 0    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 1    | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 1    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 1    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 1    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 1    | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 1    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 2    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 2    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 2    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 2    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 2    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 2    | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 3    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 3    | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 3    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 3    | 32     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 3    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 3    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 4    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 4    | 12     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 4    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 4    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 4    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 4    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 5    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 5    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 5    | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 5    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 5    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 5    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 6    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 6    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 6    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 6    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 6    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 6    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 7    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 7    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 7    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 7    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 7    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 7    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 9   | 8    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 8    | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 8    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 8    | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 8    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 8    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 9    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 9    | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 9    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 9    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 9    | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 9    | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 10   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 10   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 10   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 10   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 10   | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 10   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 11   | 2      | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 11   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 11   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 11   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 11   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 11   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 12   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 12   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 12   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 12   | 32     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 12   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 12   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 13   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 13   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 13   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 13   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 13   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 13   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 14   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 14   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 14   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 14   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 14   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 14   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 15   | 2      | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 15   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 15   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 15   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 15   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 15   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 9   | 16   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 9   | 16   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 16   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 16   | 32     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 16   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 16   | 52     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 17   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 17   | 12     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 17   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 17   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 17   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 17   | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 18   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 18   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 18   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 18   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 18   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 18   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 19   | 2      | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 19   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 19   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 19   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 19   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 19   | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 20   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 20   | 12     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 20   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 20   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 20   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 20   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 21   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 21   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 21   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 21   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 21   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 21   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 22   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 22   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 22   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 22   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 22   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 22   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 23   | 2      | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 23   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 23   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 23   | 32     | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 23   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 23   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 10  | 0    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 0    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 0    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 0    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 0    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 0    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 1    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 1    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 1    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 1    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 1    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 1    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 2    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 2    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 2    | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 2    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 2    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 2    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 3    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 3    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 3    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 3    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 3    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 3    | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 4    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 4    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 4    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 4    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 4    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 4    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 5    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 5    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 5    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11      |
| 2009 | 6     | 10  | 5    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 5    | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 5    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 6    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 6    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 6    | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11      |
| 2009 | 6     | 10  | 6    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 6    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 6    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 7    | 2      | 59     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 7    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 7    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 7    | 32     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 7    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 7    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.2    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 10  | 8    | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 8    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 8    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 8    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 8    | 42     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 8    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 9    | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 9    | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 9    | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 9    | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 9    | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 9    | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 10   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 10   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 10   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 10   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 10   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 10   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 11   | 2      | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 11   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 11   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 11   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 11   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 11   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 12   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 12   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 12   | 22     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 12   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 12   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 12   | 52     | 59     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 13   | 2      | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 13   | 12     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 13   | 22     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 13   | 32     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 13   | 42     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 13   | 52     | 59     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 14   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 14   | 11     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 14   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 14   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 14   | 41     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 10  | 14   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 15   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 15   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 15   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 15   | 31     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 15   | 41     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 15   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 10  | 16   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 16   | 11     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 16   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 16   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 16   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 16   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 17   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 17   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 17   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 17   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 17   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 17   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 18   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 18   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 18   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 18   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 18   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 18   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 19   | 1      | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 19   | 11     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 19   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 19   | 31     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 19   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 19   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 20   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 20   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 20   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 20   | 31     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 20   | 41     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 20   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 21   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 21   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 21   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 21   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 21   | 41     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 21   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 22   | 1      | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 22   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 22   | 21     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 22   | 31     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 22   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 22   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 23   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 23   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 23   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 23   | 31     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 23   | 41     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 23   | 51     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 11  | 0    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 0    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 0    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 0    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 0    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 0    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 1    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 1    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 1    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 1    | 31     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 1    | 41     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 1    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 2    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 2    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 2    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 2    | 31     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 2    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 2    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11      |
| 2009 | 6     | 11  | 3    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 3    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 3    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 3    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 3    | 41     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11      |
| 2009 | 6     | 11  | 3    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 4    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 4    | 11     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 4    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 4    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 4    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 4    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 5    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 5    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 5    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 5    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 5    | 41     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 5    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 6    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 6    | 11     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 6    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 6    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 6    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 6    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 7    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 7    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 7    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11      |
| 2009 | 6     | 11  | 7    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 7    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 7    | 51     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 11  | 8    | 1      | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 8    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 8    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 8    | 31     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 8    | 41     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 8    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 9    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 9    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 9    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 9    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 9    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 9    | 51     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 10   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 10   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 10   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 10   | 31     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 10   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 10   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 11   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 11   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 11   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 11   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 11   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 11   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 12   | 1      | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 12   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 12   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 12   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 12   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 12   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 13   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 13   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 13   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 13   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 13   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 13   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 14   | 1      | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 14   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 14   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 14   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 14   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 14   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 15   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 15   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 15   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 15   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 15   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 15   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 11  | 16   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 16   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 16   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 16   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 16   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 16   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 17   | 1      | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 17   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 17   | 21     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 17   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 17   | 41     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 17   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 18   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 18   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 18   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 18   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 18   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 18   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 19   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 19   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 19   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 19   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 19   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 19   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 20   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 20   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 20   | 21     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 20   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 20   | 41     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 20   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 21   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 21   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 21   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 21   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 21   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 21   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 22   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 22   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 22   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 22   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 22   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 22   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 23   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 23   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 23   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 23   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 23   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 23   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 12  | 0    | 1      | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 0    | 11     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 0    | 21     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 0    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 0    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 0    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 1    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11      |
| 2009 | 6     | 12  | 1    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 1    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 1    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 1    | 41     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 1    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 2    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 2    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 2    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 2    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 2    | 41     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 2    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 3    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 3    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 3    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 3    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11      |
| 2009 | 6     | 12  | 3    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 3    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 4    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 4    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 4    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 4    | 31     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 4    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 4    | 51     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 5    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 5    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 5    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 5    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 5    | 41     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 5    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 6    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 6    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 6    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11      |
| 2009 | 6     | 12  | 6    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 6    | 41     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 6    | 51     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 7    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 7    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 7    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 7    | 31     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 7    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 7    | 51     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 12  | 8    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 8    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 8    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 8    | 31     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 8    | 41     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 8    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 9    | 1      | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 9    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 9    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 9    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 9    | 41     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 9    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 10   | 1      | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 10   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 10   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 10   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 10   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 10   | 51     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 11   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 11   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 11   | 21     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11.4    |
| 2009 | 6     | 12  | 11   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.4    |
| 2009 | 6     | 12  | 11   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.4    |
| 2009 | 6     | 12  | 11   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11.4    |
| 2009 | 6     | 12  | 12   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.4    |
| 2009 | 6     | 12  | 12   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11.4    |
| 2009 | 6     | 12  | 12   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 11.4    |
| 2009 | 6     | 12  | 12   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 11.4    |
| 2009 | 6     | 12  | 12   | 41     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.4    |
| 2009 | 6     | 12  | 12   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.4    |
| 2009 | 6     | 12  | 13   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.4    |
| 2009 | 6     | 12  | 13   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.4    |
| 2009 | 6     | 12  | 13   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.4    |
| 2009 | 6     | 12  | 13   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.4    |
| 2009 | 6     | 12  | 13   | 41     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.4    |
| 2009 | 6     | 12  | 13   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.4    |
| 2009 | 6     | 12  | 14   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 11.4    |
| 2009 | 6     | 12  | 14   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.4    |
| 2009 | 6     | 12  | 14   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.4    |
| 2009 | 6     | 12  | 14   | 31     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.4    |
| 2009 | 6     | 12  | 14   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.4    |
| 2009 | 6     | 12  | 14   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.4    |
| 2009 | 6     | 12  | 15   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.4    |
| 2009 | 6     | 12  | 15   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 11.4    |
| 2009 | 6     | 12  | 15   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.4    |
| 2009 | 6     | 12  | 15   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.4    |
| 2009 | 6     | 12  | 15   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 15   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 12  | 16   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 16   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.4    |
| 2009 | 6     | 12  | 16   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 16   | 31     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 16   | 41     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 16   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 17   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 17   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 17   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 17   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 17   | 41     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 17   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 18   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 18   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 18   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 18   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 18   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 18   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 19   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 19   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 19   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 19   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 19   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 19   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 20   | 1      | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 20   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 20   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 20   | 31     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 20   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 20   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 21   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 21   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 21   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 21   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 21   | 41     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 21   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 22   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11      |
| 2009 | 6     | 12  | 22   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 22   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 22   | 31     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 22   | 41     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 22   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 23   | 1      | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 23   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 23   | 21     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 23   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 23   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 23   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 13  | 0    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 0    | 11     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 0    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 0    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 0    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 0    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 1    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 1    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 1    | 21     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 1    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 1    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 1    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 2    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 2    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 2    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 2    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 2    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 11      |
| 2009 | 6     | 13  | 2    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 3    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 3    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11      |
| 2009 | 6     | 13  | 3    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 3    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 3    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 3    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 4    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11      |
| 2009 | 6     | 13  | 4    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 4    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 4    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 4    | 41     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 4    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 5    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 5    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 5    | 21     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 5    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 5    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 5    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 6    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 6    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 6    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 6    | 31     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 6    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 6    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 7    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 7    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 7    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 7    | 31     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 7    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 7    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 13  | 8    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 8    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 8    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 8    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 8    | 41     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 8    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 9    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 9    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 9    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 9    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 9    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 9    | 51     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 10   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 10   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 10   | 21     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 10   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 10   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 10   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 11   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 11   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 11   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 11   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 11   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 11   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 12   | 1      | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 12   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 12   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 12   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 12   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 12   | 51     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 13   | 1      | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.4    |
| 2009 | 6     | 13  | 13   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11.4    |
| 2009 | 6     | 13  | 13   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.4    |
| 2009 | 6     | 13  | 13   | 31     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.4    |
| 2009 | 6     | 13  | 13   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.4    |
| 2009 | 6     | 13  | 13   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 14   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 14   | 11     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 14   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 14   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 14   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.4    |
| 2009 | 6     | 13  | 14   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 15   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.4    |
| 2009 | 6     | 13  | 15   | 11     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 15   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 15   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.4    |
| 2009 | 6     | 13  | 15   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.4    |
| 2009 | 6     | 13  | 15   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 13  | 16   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.4    |
| 2009 | 6     | 13  | 16   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 16   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 16   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 16   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 16   | 51     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 17   | 1      | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 17   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 17   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 17   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 17   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 17   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 18   | 1      | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 18   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 18   | 21     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 18   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 18   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 18   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 19   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 19   | 11     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 19   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 19   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 19   | 41     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 19   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11      |
| 2009 | 6     | 13  | 20   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 20   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 20   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11      |
| 2009 | 6     | 13  | 20   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 20   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 20   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11      |
| 2009 | 6     | 13  | 21   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 21   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 21   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 21   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 21   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 21   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 22   | 1      | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11      |
| 2009 | 6     | 13  | 22   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 22   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 22   | 31     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 22   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 22   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11      |
| 2009 | 6     | 13  | 23   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 23   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 23   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 23   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 23   | 41     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 23   | 51     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 14  | 0    | 1      | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 0    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 0    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 0    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 0    | 41     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 0    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 1    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 1    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 1    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 1    | 31     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 1    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 1    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 2    | 1      | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 11      |
| 2009 | 6     | 14  | 2    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 2    | 21     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 2    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11      |
| 2009 | 6     | 14  | 2    | 41     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 2    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 3    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 3    | 11     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 3    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 3    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 3    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 3    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.64       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 4    | 1      | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 4    | 11     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 4    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 4    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.4        | 0        | 0              | 11      |
| 2009 | 6     | 14  | 4    | 41     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 4    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.29       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 5    | 1      | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 5    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.2        | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 5    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 5    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.11       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 5    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 5    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 6    | 1      | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.97       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 6    | 11     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.92       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 6    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 6    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.81       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 6    | 41     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.75       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 6    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.72       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 7    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 7    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 7    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 7    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.61       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 7    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 7    | 51     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.61       | 0        | 0              | 10.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 14  | 8    | 1      | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 8    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 8    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.65       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 8    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 8    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.72       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 8    | 51     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.75       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 9    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.81       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 9    | 11     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 9    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.93       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 9    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.01       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 9    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 9    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 10   | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 10   | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 10   | 21     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 10   | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 10   | 41     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 10   | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 11   | 1      | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 11   | 11     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 11   | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 11   | 31     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 11   | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 11   | 51     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 12   | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 12   | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 12   | 21     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 12   | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 11.4    |
| 2009 | 6     | 14  | 12   | 41     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 12   | 51     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 13   | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.4    |
| 2009 | 6     | 14  | 13   | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.4    |
| 2009 | 6     | 14  | 13   | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 11.4    |
| 2009 | 6     | 14  | 13   | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.4    |
| 2009 | 6     | 14  | 13   | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.4    |
| 2009 | 6     | 14  | 13   | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.4    |
| 2009 | 6     | 14  | 14   | 1      | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 14   | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 14   | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.4    |
| 2009 | 6     | 14  | 14   | 31     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 14   | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.4    |
| 2009 | 6     | 14  | 14   | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 15   | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 15   | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 15   | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 15   | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 15   | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 15   | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 14  | 16   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 16   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 16   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 16   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 16   | 41     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 16   | 51     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 17   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 17   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 17   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 17   | 31     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 17   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 17   | 51     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 18   | 1      | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 18   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 18   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 18   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 18   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 18   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 19   | 1      | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 19   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11      |
| 2009 | 6     | 14  | 19   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 19   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 19   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 19   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 20   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 20   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 20   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 20   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 20   | 41     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 20   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 21   | 1      | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 21   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11      |
| 2009 | 6     | 14  | 21   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 21   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 21   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 21   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 22   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 22   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 22   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11      |
| 2009 | 6     | 14  | 22   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11      |
| 2009 | 6     | 14  | 22   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 22   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 23   | 1      | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 23   | 11     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 23   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 23   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 23   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 23   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 15  | 0    | 1      | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 0    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 0    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 0    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 0    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 0    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 1    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 1    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 1    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 1    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 1    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 1    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 2    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 2    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 2    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 2    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 2    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 2    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 3    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 3    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 3    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 3    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 3    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 3    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 4    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 4    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 4    | 21     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 4    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 4    | 41     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 4    | 51     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 5    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 5    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 5    | 21     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 5    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 5    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 5    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 6    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 6    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 6    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 6    | 31     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 6    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 6    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 7    | 1      | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 7    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 7    | 21     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 7    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 7    | 41     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 7    | 51     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 10.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 15  | 8    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 8    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 8    | 21     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 8    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 8    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 8    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 9    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 9    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 9    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 9    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 9    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 9    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 10   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 10   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 10   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 10   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 10   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 10   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 11   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 11   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 11   | 21     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 11   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 11   | 41     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 11   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 12   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 12   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 12   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 12   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 12   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 12   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 13   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 13   | 11     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 13   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 13   | 31     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 13   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 13   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 14   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 14   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 14   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 14   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 14   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 14   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 15   | 1      | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 15   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 15   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 15   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 15   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 15   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.2    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 15  | 16   | 1      | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 16   | 11     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 16   | 21     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 16   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 16   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 16   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 17   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 17   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 17   | 21     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 17   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 17   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 17   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 18   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 18   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 18   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11      |
| 2009 | 6     | 15  | 18   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 18   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 18   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 19   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 19   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 19   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 19   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 19   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 19   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 20   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 20   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 20   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11      |
| 2009 | 6     | 15  | 20   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 20   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 20   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 21   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 21   | 11     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 21   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 21   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 21   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 21   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 22   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11      |
| 2009 | 6     | 15  | 22   | 11     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 22   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 22   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 22   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 22   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11      |
| 2009 | 6     | 15  | 23   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11      |
| 2009 | 6     | 15  | 23   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 23   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 23   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 23   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 23   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 16  | 0    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 0    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 0    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 0    | 31     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 0    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 0    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11      |
| 2009 | 6     | 16  | 1    | 1      | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 1    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 1    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 1    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 1    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 1    | 51     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 2    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 2    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 2    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 2    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 2    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 2    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 3    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 3    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 3    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 3    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 3    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 3    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 4    | 1      | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 4    | 11     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 4    | 21     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 4    | 31     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 4    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 4    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 5    | 1      | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 5    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 5    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 5    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 5    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 5    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 6    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 6    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 6    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 6    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 6    | 41     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 6    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 7    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 7    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 7    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 7    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 7    | 41     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 7    | 51     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 10.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 16  | 8    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 8    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 8    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 8    | 31     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 8    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 8    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 9    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 9    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 9    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 9    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 9    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 9    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 10   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 10   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 10   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 10   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 10   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 10   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 11   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 11   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 11   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 11   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 11   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 11   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 12   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 12   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 12   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.2    |
| 2009 | 6     | 16  | 12   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.2    |
| 2009 | 6     | 16  | 12   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.2    |
| 2009 | 6     | 16  | 12   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.2    |
| 2009 | 6     | 16  | 13   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 11.2    |
| 2009 | 6     | 16  | 13   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.2    |
| 2009 | 6     | 16  | 13   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.2    |
| 2009 | 6     | 16  | 13   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.2    |
| 2009 | 6     | 16  | 13   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.2    |
| 2009 | 6     | 16  | 13   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.2    |
| 2009 | 6     | 16  | 14   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.2    |
| 2009 | 6     | 16  | 14   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.2    |
| 2009 | 6     | 16  | 14   | 21     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 11.2    |
| 2009 | 6     | 16  | 14   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.2    |
| 2009 | 6     | 16  | 14   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.2    |
| 2009 | 6     | 16  | 14   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.2    |
| 2009 | 6     | 16  | 15   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.2    |
| 2009 | 6     | 16  | 15   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.2    |
| 2009 | 6     | 16  | 15   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.2    |
| 2009 | 6     | 16  | 15   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.2    |
| 2009 | 6     | 16  | 15   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.2    |
| 2009 | 6     | 16  | 15   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 11.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 16  | 16   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11.2    |
| 2009 | 6     | 16  | 16   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 11.2    |
| 2009 | 6     | 16  | 16   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.2    |
| 2009 | 6     | 16  | 16   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.2    |
| 2009 | 6     | 16  | 16   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.2    |
| 2009 | 6     | 16  | 16   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.2    |
| 2009 | 6     | 16  | 17   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.2    |
| 2009 | 6     | 16  | 17   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11      |
| 2009 | 6     | 16  | 17   | 21     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.2    |
| 2009 | 6     | 16  | 17   | 31     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11      |
| 2009 | 6     | 16  | 17   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11      |
| 2009 | 6     | 16  | 17   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 18   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 18   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 18   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 18   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 18   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 18   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11      |
| 2009 | 6     | 16  | 19   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 19   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 19   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11      |
| 2009 | 6     | 16  | 19   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 19   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 19   | 51     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 20   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 20   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 20   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 20   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 20   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 20   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 21   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 21   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 21   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 21   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 21   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 21   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 22   | 1      | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 22   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 22   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 22   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 22   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 22   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 23   | 1      | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 23   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 23   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 23   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 23   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 23   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 10.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 17  | 0    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 0    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 0    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 0    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 0    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 0    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 1    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 1    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 1    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 1    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 1    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 1    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 2    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 2    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 2    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 2    | 31     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 2    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 2    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 3    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 3    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 3    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 3    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 3    | 41     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 3    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 4    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 4    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 4    | 21     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 4    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 4    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 4    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 5    | 1      | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 5    | 11     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 5    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 5    | 31     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 5    | 41     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 5    | 51     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 6    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 6    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 6    | 21     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 6    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 6    | 41     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 6    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 7    | 1      | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 7    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 7    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 7    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 7    | 41     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 7    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 10.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 17  | 8    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 8    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 8    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 8    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 8    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 8    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 9    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 9    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 9    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 9    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 9    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 9    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 10   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 10   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 10   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 10   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 10   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 10   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 11   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 11   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 11   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 11   | 31     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11      |
| 2009 | 6     | 17  | 11   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 11   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 12   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 12   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 12   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.2    |
| 2009 | 6     | 17  | 12   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.2    |
| 2009 | 6     | 17  | 12   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.2    |
| 2009 | 6     | 17  | 12   | 51     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.2    |
| 2009 | 6     | 17  | 13   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.2    |
| 2009 | 6     | 17  | 13   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.2    |
| 2009 | 6     | 17  | 13   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.2    |
| 2009 | 6     | 17  | 13   | 31     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11      |
| 2009 | 6     | 17  | 13   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 13   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 14   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 14   | 11     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.2    |
| 2009 | 6     | 17  | 14   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 11.2    |
| 2009 | 6     | 17  | 14   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.2    |
| 2009 | 6     | 17  | 14   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 11.2    |
| 2009 | 6     | 17  | 14   | 51     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 11.2    |
| 2009 | 6     | 17  | 15   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.2    |
| 2009 | 6     | 17  | 15   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 11.2    |
| 2009 | 6     | 17  | 15   | 21     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.2    |
| 2009 | 6     | 17  | 15   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 15   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 15   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 17  | 16   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 16   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 16   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 16   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 16   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 16   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 17   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 17   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11      |
| 2009 | 6     | 17  | 17   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 17   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11      |
| 2009 | 6     | 17  | 17   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 17   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 18   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 18   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 18   | 21     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 18   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 18   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 18   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 19   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 19   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 19   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 19   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 19   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11      |
| 2009 | 6     | 17  | 19   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 20   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 20   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 20   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 20   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 20   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 20   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 21   | 1      | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 21   | 11     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 21   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 21   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 21   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 21   | 51     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 22   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 22   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 22   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 22   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 22   | 41     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 22   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 23   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 23   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 23   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 23   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 23   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 23   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 10.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 18  | 0    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 0    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 0    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 0    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 0    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 0    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 1    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 1    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 1    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 1    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 1    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 1    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 2    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 2    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 2    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 2    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 2    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 2    | 51     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 3    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 3    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 3    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 3    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 3    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 3    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 4    | 1      | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 4    | 11     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 4    | 21     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 4    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 4    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 4    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 5    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 5    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 5    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 5    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 5    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 5    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 6    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 6    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 6    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 6    | 31     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 6    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 6    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 7    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 7    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 7    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 7    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 7    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 7    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 10.6    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 18  | 8    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 8    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 8    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 8    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 8    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 8    | 51     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 9    | 1      | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 9    | 11     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 9    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 9    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 9    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 9    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 10   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 10   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 10   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 10   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 10   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 10   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 11   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 11   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 11   | 21     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 11   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 11   | 41     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 11   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 12   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 12   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 12   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 12   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 12   | 41     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 12   | 51     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 13   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 13   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 11      |
| 2009 | 6     | 18  | 13   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 13   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 13   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 13   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 14   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 14   | 11     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 14   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 14   | 31     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 14   | 41     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 14   | 51     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 15   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 11      |
| 2009 | 6     | 18  | 15   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 15   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 11      |
| 2009 | 6     | 18  | 15   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 15   | 41     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 15   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 11      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 18  | 16   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 16   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 16   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 16   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 11      |
| 2009 | 6     | 18  | 16   | 41     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 11      |
| 2009 | 6     | 18  | 16   | 51     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 11      |
| 2009 | 6     | 18  | 17   | 1      | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 17   | 11     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 17   | 21     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 17   | 31     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 17   | 41     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 17   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 18   | 1      | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 18   | 11     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 18   | 21     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 18   | 31     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 11      |
| 2009 | 6     | 18  | 18   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 18   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 19   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 19   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 19   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 19   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 19   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 19   | 51     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 20   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 20   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 20   | 21     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 20   | 31     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 20   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 20   | 51     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 21   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 21   | 11     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 21   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 21   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 21   | 41     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 21   | 51     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 22   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 22   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 22   | 21     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 22   | 31     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 22   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 22   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 23   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 23   | 11     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 23   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 23   | 31     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 23   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 23   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 10.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 19  | 0    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 0    | 11     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 0    | 21     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 0    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 0    | 41     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 0    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 1    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 1    | 11     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 1    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 1    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 1    | 41     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 1    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 2    | 1      | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 2    | 11     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 2    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 2    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 2    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 2    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 3    | 1      | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 3    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 3    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 3    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 3    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 3    | 51     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 4    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 4    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 4    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 4    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 4    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 4    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 5    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 5    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 5    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 5    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 5    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 5    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 6    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 6    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 6    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 6    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 6    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 6    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 7    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 7    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 7    | 21     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 7    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 7    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 7    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 10.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 19  | 8    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 8    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 8    | 21     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 8    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 8    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 8    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 9    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 9    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 9    | 21     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 9    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 9    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 9    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 10   | 1      | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 10   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 10   | 21     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 10   | 31     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 10   | 41     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 10   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 11   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 11   | 11     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 11   | 21     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 11      |
| 2009 | 6     | 19  | 11   | 31     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 11      |
| 2009 | 6     | 19  | 11   | 41     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 11      |
| 2009 | 6     | 19  | 11   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 11      |
| 2009 | 6     | 19  | 12   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 11      |
| 2009 | 6     | 19  | 12   | 11     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 11      |
| 2009 | 6     | 19  | 12   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 12   | 31     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 11      |
| 2009 | 6     | 19  | 12   | 41     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 11      |
| 2009 | 6     | 19  | 12   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 11      |
| 2009 | 6     | 19  | 13   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 11      |
| 2009 | 6     | 19  | 13   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 13   | 21     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 13   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 13   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 11      |
| 2009 | 6     | 19  | 13   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 14   | 1      | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 11      |
| 2009 | 6     | 19  | 14   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 11      |
| 2009 | 6     | 19  | 14   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 11      |
| 2009 | 6     | 19  | 14   | 31     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 11      |
| 2009 | 6     | 19  | 14   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 14   | 51     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 15   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 11      |
| 2009 | 6     | 19  | 15   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 15   | 21     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 11      |
| 2009 | 6     | 19  | 15   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 11      |
| 2009 | 6     | 19  | 15   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 11      |
| 2009 | 6     | 19  | 15   | 51     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 11      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 19  | 16   | 1      | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 11      |
| 2009 | 6     | 19  | 16   | 11     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 16   | 21     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 11      |
| 2009 | 6     | 19  | 16   | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 11      |
| 2009 | 6     | 19  | 16   | 41     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 11      |
| 2009 | 6     | 19  | 16   | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 11      |
| 2009 | 6     | 19  | 17   | 1      | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 11      |
| 2009 | 6     | 19  | 17   | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 17   | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 17   | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 17   | 41     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 17   | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 18   | 1      | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 18   | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 18   | 21     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 18   | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 18   | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 18   | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 19   | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 19   | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 19   | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 19   | 31     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 19   | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 19   | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 20   | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 20   | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 20   | 21     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 20   | 31     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 20   | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 20   | 51     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 21   | 1      | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 21   | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 21   | 21     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 21   | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 21   | 41     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 21   | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 22   | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 22   | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 22   | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 22   | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 22   | 41     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 22   | 51     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 23   | 1      | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 23   | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 23   | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 23   | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 23   | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 23   | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 10.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 20  | 0    | 1      | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 0    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 0    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 0    | 31     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 0    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 0    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 1    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 1    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 1    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 1    | 31     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 1    | 41     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 1    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 2    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 2    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 2    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 2    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 2    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 2    | 51     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 3    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 3    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 3    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 3    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 3    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 3    | 51     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 4    | 1      | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 4    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 4    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 4    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 4    | 41     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 4    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 5    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 5    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 5    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 5    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 5    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 5    | 51     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 6    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 6    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 6    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 6    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 6    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 6    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 7    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 7    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 7    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 7    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 7    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 7    | 51     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 10.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 20  | 8    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 8    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 8    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 8    | 31     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 8    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 8    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 9    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 9    | 11     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 9    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 9    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 9    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 9    | 51     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 10   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 10   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 10   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 10   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 10   | 41     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 10   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 11   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 11   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 11   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 11   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 11   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 11   | 51     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 12   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 12   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 12   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 12   | 31     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 12   | 41     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 12   | 51     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 13   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 13   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 13   | 21     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 13   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 13   | 41     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 13   | 51     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 14   | 1      | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 11      |
| 2009 | 6     | 20  | 14   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 14   | 21     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 11      |
| 2009 | 6     | 20  | 14   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 11      |
| 2009 | 6     | 20  | 14   | 41     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 11      |
| 2009 | 6     | 20  | 14   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 11      |
| 2009 | 6     | 20  | 15   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 11      |
| 2009 | 6     | 20  | 15   | 11     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 15   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 11      |
| 2009 | 6     | 20  | 15   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 11      |
| 2009 | 6     | 20  | 15   | 41     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 11      |
| 2009 | 6     | 20  | 15   | 51     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 11      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 20  | 16   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 16   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 16   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 16   | 31     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 16   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 16   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 17   | 1      | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 17   | 11     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 17   | 21     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 17   | 31     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 17   | 41     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 17   | 51     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 18   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 18   | 11     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 18   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 18   | 31     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 18   | 41     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 18   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 19   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 19   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 19   | 21     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 19   | 31     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 19   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 19   | 51     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 20   | 1      | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 20   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 20   | 21     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 20   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 20   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 20   | 51     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 21   | 1      | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 21   | 11     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 21   | 21     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 21   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 21   | 41     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 21   | 51     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 22   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 22   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 22   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 22   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 22   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 22   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 23   | 1      | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 23   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 23   | 21     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 23   | 31     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 23   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 23   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 10.6    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 21  | 0    | 1      | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 0    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 0    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 0    | 31     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 0    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 0    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 1    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 1    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 1    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 1    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 1    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 1    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 2    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 2    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 2    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 2    | 31     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 2    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 2    | 51     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 3    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 3    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 3    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 3    | 31     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 3    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 3    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 4    | 1      | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 4    | 11     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 4    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 4    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 4    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 4    | 51     | 7      | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 5    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 5    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 5    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 5    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 5    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 5    | 51     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 6    | 1      | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 6    | 11     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 6    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 6    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 6    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 6    | 51     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 7    | 1      | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 7    | 11     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 7    | 21     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 7    | 31     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 7    | 41     | 7      | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 7    | 51     | 7      | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 10.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 21  | 8    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 8    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 8    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 8    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 8    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 8    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 9    | 1      | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 9    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 9    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 9    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 9    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 9    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 10   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 10   | 11     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 10   | 21     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 10   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 10   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 10   | 51     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 11   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 11   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 11   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 11   | 31     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 11   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 11   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 12   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 12   | 11     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 12   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 12   | 31     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 12   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 12   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 13   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 13   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 13   | 21     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 13   | 31     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 13   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 13   | 51     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 14   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 14   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 14   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 14   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 14   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 14   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 15   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 15   | 11     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 15   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 15   | 31     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 15   | 41     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 15   | 51     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 10.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 21  | 16   | 1      | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 16   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 16   | 21     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 16   | 31     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 16   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 16   | 51     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 17   | 1      | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 17   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 17   | 21     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 17   | 31     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 17   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 17   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 18   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 18   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 18   | 21     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 18   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 18   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 18   | 51     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 19   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 19   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 19   | 21     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 19   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 19   | 41     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 19   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 20   | 1      | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 20   | 11     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 20   | 21     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 20   | 31     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 20   | 41     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 20   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 21   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 21   | 11     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 21   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 21   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 21   | 41     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 21   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 22   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 22   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 22   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 22   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 22   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 22   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 23   | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 23   | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 23   | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 23   | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 23   | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 23   | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 10.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 22  | 0    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 10.4    |
| 2009 | 6     | 22  | 0    | 11     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 10.4    |
| 2009 | 6     | 22  | 0    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 10.4    |
| 2009 | 6     | 22  | 0    | 31     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 10.4    |
| 2009 | 6     | 22  | 0    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 10.4    |
| 2009 | 6     | 22  | 0    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 10.4    |
| 2009 | 6     | 22  | 1    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 10.4    |
| 2009 | 6     | 22  | 1    | 11     | 7      | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 10.2    |
| 2009 | 6     | 22  | 1    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 10.2    |
| 2009 | 6     | 22  | 1    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 10.2    |
| 2009 | 6     | 22  | 1    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 10.2    |
| 2009 | 6     | 22  | 1    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 10.2    |
| 2009 | 6     | 22  | 2    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 10.2    |
| 2009 | 6     | 22  | 2    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 10      |
| 2009 | 6     | 22  | 2    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 10      |
| 2009 | 6     | 22  | 2    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 10      |
| 2009 | 6     | 22  | 2    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 9.8     |
| 2009 | 6     | 22  | 2    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 9.8     |
| 2009 | 6     | 22  | 3    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 9.8     |
| 2009 | 6     | 22  | 3    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 9.8     |
| 2009 | 6     | 22  | 3    | 21     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 9.8     |
| 2009 | 6     | 22  | 3    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 9.6     |
| 2009 | 6     | 22  | 3    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 9.6     |
| 2009 | 6     | 22  | 3    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 9.6     |
| 2009 | 6     | 22  | 4    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 9.6     |
| 2009 | 6     | 22  | 4    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 9.6     |
| 2009 | 6     | 22  | 4    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 9.6     |
| 2009 | 6     | 22  | 4    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 9.6     |
| 2009 | 6     | 22  | 4    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 9.4     |
| 2009 | 6     | 22  | 4    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 9.4     |
| 2009 | 6     | 22  | 5    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 9.4     |
| 2009 | 6     | 22  | 5    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 9.4     |
| 2009 | 6     | 22  | 5    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 9.4     |
| 2009 | 6     | 22  | 5    | 31     | 7      | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 9.4     |
| 2009 | 6     | 22  | 5    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 9.4     |
| 2009 | 6     | 22  | 5    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 9.4     |
| 2009 | 6     | 22  | 6    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 9.4     |
| 2009 | 6     | 22  | 6    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 9.2     |
| 2009 | 6     | 22  | 6    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 9.4     |
| 2009 | 6     | 22  | 6    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 9.2     |
| 2009 | 6     | 22  | 6    | 41     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 9.2     |
| 2009 | 6     | 22  | 6    | 51     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 9.2     |
| 2009 | 6     | 22  | 7    | 1      | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 9.2     |
| 2009 | 6     | 22  | 7    | 11     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 9.2     |
| 2009 | 6     | 22  | 7    | 21     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 9.2     |
| 2009 | 6     | 22  | 7    | 31     | 7      | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 9.2     |
| 2009 | 6     | 22  | 7    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 7    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 22  | 8    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 8    | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 8    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 8    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 8    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 8    | 52     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 9    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 9    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 9    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 9    | 32     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 9    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 9    | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 10   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 10   | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 10   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 10   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 10   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 10   | 52     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 11   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 11   | 12     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 11   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 11   | 32     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 11   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 11   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 12   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 12   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 12   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 12   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 12   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 12   | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 13   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 13   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 13   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 13   | 32     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 13   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 13   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 14   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 14   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 14   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 14   | 32     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 14   | 42     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 14   | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 15   | 2      | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 15   | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 15   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 15   | 32     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 15   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 15   | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 22  | 16   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 16   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 16   | 22     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 16   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 16   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 16   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 17   | 2      | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 17   | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 17   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 17   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 17   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 17   | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 18   | 2      | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 18   | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 18   | 22     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 18   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 18   | 42     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 18   | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 19   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 19   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 19   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 19   | 32     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 19   | 42     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 19   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 20   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 20   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 20   | 22     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 20   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 20   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 20   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 21   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 21   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 21   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 21   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 21   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 21   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 22   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 22   | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 22   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 22   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 22   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 22   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 23   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 23   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 23   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 23   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 23   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 23   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 23  | 0    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 0    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 0    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 0    | 32     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 0    | 42     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 0    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 1    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 1    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 1    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 1    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 1    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 1    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 2    | 2      | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 2    | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 2    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 2    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 2    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 2    | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 3    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 3    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 3    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 3    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 3    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 3    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 4    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 4    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 4    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 4    | 32     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 4    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 4    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 5    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 5    | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 5    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 5    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 5    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 5    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 6    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 6    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 6    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 6    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 6    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 6    | 52     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 7    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 7    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 7    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 7    | 32     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 7    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 7    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 23  | 8    | 2      | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 8    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 8    | 22     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 8    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 8    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 8    | 52     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 9    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 9    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 9    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 9    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 9    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 9    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 10   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 10   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 10   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 10   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 10   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 10   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 11   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 11   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 11   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 11   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 11   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 11   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 12   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 12   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 12   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 12   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 12   | 42     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 12   | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 13   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 13   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 13   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 13   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 13   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 13   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 14   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 14   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 14   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 14   | 32     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 14   | 42     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 14   | 52     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 15   | 2      | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 15   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 15   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 15   | 32     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 15   | 42     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 15   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.8    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 23  | 16   | 2      | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 16   | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 16   | 22     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 16   | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 16   | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 16   | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 17   | 2      | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 17   | 12     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 17   | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 17   | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 17   | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 17   | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 18   | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 18   | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 18   | 22     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 18   | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 18   | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 18   | 52     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 19   | 2      | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 19   | 12     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 19   | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 2      | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 52     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 21   | 2      | 15     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 21   | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 21   | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 21   | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 21   | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 21   | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 22   | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 22   | 12     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 22   | 22     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 22   | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 22   | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 22   | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 23   | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 23   | 12     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 23   | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 23   | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 23   | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 23   | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 24  | 0    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 0    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 0    | 22     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 0    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 0    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 0    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 1    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 1    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 1    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 1    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 1    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 1    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 2    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 2    | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 32     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 4    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 4    | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 4    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 4    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 4    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 4    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 5    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 5    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 5    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 5    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 5    | 42     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 5    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 6    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 6    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 6    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 6    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 6    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 6    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 7    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 7    | 12     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 7    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 7    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 7    | 42     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12      |
| 2009 | 6     | 24  | 7    | 52     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 24  | 8    | 2      | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 8    | 12     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 8    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 8    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 8    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 8    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 9    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 9    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 9    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 9    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 9    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 9    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 10   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 10   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 10   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 10   | 32     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 10   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 10   | 52     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 11   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 11   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 11   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 11   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 11   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 11   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 12   | 2      | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 12   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 12   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 12   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 12   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 12   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 13   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 13   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 13   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 13   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 13   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 13   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 14   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 14   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 14   | 22     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 14   | 32     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 14   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 14   | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 15   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 15   | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 15   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 15   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 15   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 15   | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 24  | 16   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 16   | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 16   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 16   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 16   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 16   | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 17   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 17   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 17   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 17   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 17   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 17   | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 18   | 2      | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 18   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 18   | 22     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 18   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 18   | 42     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 18   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 19   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 19   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 2      | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 21   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 21   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 21   | 22     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 21   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 21   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 21   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 22   | 2      | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 22   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 22   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 22   | 32     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 22   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 22   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 23   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 23   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 23   | 22     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 23   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 23   | 42     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 23   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 25  | 0    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 0    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 0    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 0    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 0    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 0    | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 1    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 1    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 2      | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 5    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 5    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 5    | 22     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 5    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 5    | 42     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 5    | 52     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 6    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 6    | 12     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 6    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 6    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 6    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 6    | 52     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 7    | 2      | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 7    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 7    | 22     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 7    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 7    | 42     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 7    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 25  | 8    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 8    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 8    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 8    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 8    | 42     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 8    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 9    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 9    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 9    | 22     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 9    | 32     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 9    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 9    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 10   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 10   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 10   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 10   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 10   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 10   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 11   | 2      | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 11   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 11   | 22     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 11   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 11   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 11   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 12   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 12   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 12   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 12   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 12   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 12   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 13   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 13   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 13   | 22     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 13   | 32     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 13   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 13   | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 14   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 14   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 14   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 14   | 32     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 14   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 14   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 15   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 15   | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 15   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 15   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 15   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 15   | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 25  | 16   | 2      | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 16   | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 16   | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 16   | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 16   | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 16   | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 17   | 2      | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 17   | 12     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 17   | 22     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 17   | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 17   | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 17   | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 18   | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 18   | 12     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 18   | 22     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 18   | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 18   | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 18   | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 12     | 15     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 2      | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 12     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 21   | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 21   | 12     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 21   | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 21   | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 21   | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 21   | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 22   | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 22   | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 22   | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 22   | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 22   | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 22   | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 23   | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 23   | 12     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 23   | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 23   | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 23   | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 23   | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 26  | 0    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 0    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 0    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 0    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 0    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 0    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 1    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 1    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 1    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 2      | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 5    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 5    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 5    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 5    | 32     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 5    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 5    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 6    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 6    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 6    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 6    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 6    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 6    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 7    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 7    | 12     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 7    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 7    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 7    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 7    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 26  | 8    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 8    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 8    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 8    | 32     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 8    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 8    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 9    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 9    | 12     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 9    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 9    | 32     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 9    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 9    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 10   | 2      | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 10   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 10   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 10   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 10   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 10   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 11   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 11   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 11   | 22     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 11   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 11   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 11   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 12   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 12   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 12   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 12   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 12   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 12   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 13   | 2      | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 13   | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 13   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 13   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 13   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 13   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 14   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 14   | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 14   | 22     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 14   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 14   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 14   | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 15   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 15   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 15   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 15   | 32     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 15   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 15   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 26  | 16   | 2      | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 16   | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 16   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 16   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 16   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 16   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 17   | 2      | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 17   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 17   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 17   | 32     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 17   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 17   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 18   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 18   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 18   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 18   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 18   | 42     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 18   | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 42     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 21   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 21   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 21   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 21   | 32     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 21   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 21   | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 22   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 22   | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 22   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 22   | 32     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 22   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 22   | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 23   | 2      | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 23   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 23   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 23   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 23   | 42     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 23   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 27  | 0    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 0    | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 0    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 0    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 0    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 0    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 22     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 32     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 4    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 4    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 4    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 4    | 32     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12      |
| 2009 | 6     | 27  | 4    | 42     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 4    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 5    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 5    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 5    | 22     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 5    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 5    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 5    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 6    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 6    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 6    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 6    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 6    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 6    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 7    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 7    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 7    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 7    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 7    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 7    | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 27  | 8    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 8    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 8    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 8    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 8    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 8    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 9    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 9    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 9    | 22     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 9    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 9    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 9    | 52     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 10   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 10   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 10   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 10   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 10   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 10   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 11   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 11   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 11   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 11   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 11   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 11   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 12   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 12   | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 12   | 22     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 12   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 12   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 12   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 13   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 13   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 13   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 13   | 32     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 13   | 42     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 13   | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 14   | 2      | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 14   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 14   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 14   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 14   | 42     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 14   | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 15   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 15   | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 15   | 22     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 15   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 15   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 15   | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 27  | 16   | 2      | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 16   | 12     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 16   | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 16   | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 16   | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 16   | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 17   | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 17   | 12     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 17   | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 17   | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 17   | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 17   | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 18   | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 18   | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 18   | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 18   | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 18   | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 18   | 52     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 12     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 12     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 22     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 52     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 21   | 2      | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 21   | 12     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 21   | 22     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 21   | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 21   | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 21   | 52     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 22   | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 22   | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 22   | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 22   | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 22   | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 22   | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 23   | 2      | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 23   | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 23   | 22     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 23   | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 23   | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 23   | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 28  | 0    | 2      | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 0    | 12     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 0    | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 0    | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 0    | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 0    | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 2      | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 12     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 52     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 4    | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 4    | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 4    | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 4    | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 4    | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 4    | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 5    | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 5    | 12     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 5    | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 5    | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 5    | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 5    | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 6    | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 6    | 12     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 6    | 22     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 6    | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 6    | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 6    | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 7    | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 7    | 12     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 7    | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 7    | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 7    | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 7    | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 28  | 8    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 8    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 8    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 8    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 8    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 8    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 9    | 2      | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 9    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 9    | 22     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 9    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 9    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 9    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 10   | 2      | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 10   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 10   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 10   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 10   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 10   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 11   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 11   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 11   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 11   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 11   | 42     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 11   | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 12   | 2      | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 12   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 12   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 12   | 32     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 12   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 12   | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 13   | 2      | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 13   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 13   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 13   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 13   | 42     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 13   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 14   | 2      | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 14   | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 14   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 14   | 32     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 14   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 14   | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 15   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 15   | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 15   | 22     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 15   | 32     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 15   | 42     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 15   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 28  | 16   | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 16   | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 16   | 22     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 16   | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 16   | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 16   | 52     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 17   | 2      | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 17   | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 17   | 22     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 17   | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 17   | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 17   | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 18   | 2      | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 18   | 12     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 18   | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 18   | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 18   | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 18   | 52     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 12     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 22     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 20   | 2      | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 20   | 12     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 20   | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 20   | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 20   | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 20   | 52     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 21   | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 21   | 12     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 21   | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 21   | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 21   | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 21   | 52     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 22   | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 22   | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 22   | 22     | 15     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 22   | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 22   | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 22   | 52     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 23   | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 23   | 12     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 23   | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 23   | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 23   | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 23   | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 12      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 29  | 0    | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 0    | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 0    | 22     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 0    | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 0    | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 0    | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 2      | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 12     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 52     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 2      | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 52     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 4    | 2      | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 4    | 12     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 4    | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 4    | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 4    | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 4    | 52     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 5    | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 5    | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 5    | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 5    | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 5    | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 5    | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 6    | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 6    | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 6    | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 6    | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 6    | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 6    | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 7    | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 7    | 12     | 15     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 7    | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 7    | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 7    | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 7    | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 29  | 8    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 8    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 8    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 8    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 8    | 42     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 8    | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 9    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 9    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 9    | 22     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 9    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 9    | 42     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 9    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 10   | 2      | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 10   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 10   | 22     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 10   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 10   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 10   | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 11   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 11   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 11   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 11   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 11   | 42     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 11   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 12   | 2      | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 12   | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 12   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 12   | 32     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 12   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 12   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 13   | 2      | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 13   | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 13   | 22     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 13   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 13   | 42     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 13   | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 14   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 14   | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 14   | 22     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 14   | 32     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 14   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 14   | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 12.6    |
| 2009 | 6     | 29  | 15   | 2      | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 15   | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 15   | 22     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 15   | 32     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 15   | 42     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 15   | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 29  | 16   | 2      | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 16   | 12     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 16   | 22     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 16   | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 16   | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 16   | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 17   | 2      | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 17   | 12     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 17   | 22     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 17   | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 17   | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 17   | 52     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 22     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 20   | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 20   | 12     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 20   | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 20   | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 20   | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 20   | 52     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 21   | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 21   | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 21   | 22     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 21   | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 21   | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 21   | 52     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 22   | 2      | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 22   | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 22   | 22     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 22   | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 22   | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 22   | 52     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 2      | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 12     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 52     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 30  | 0    | 2      | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 0    | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 0    | 22     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 0    | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 0    | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 0    | 52     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 2      | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 22     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 2    | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 3    | 2      | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 3    | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 3    | 22     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 3    | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 3    | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 3    | 52     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 4    | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 4    | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 4    | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 4    | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 4    | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 4    | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 5    | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 5    | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 5    | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 5    | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 5    | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 5    | 52     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 6    | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 6    | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 6    | 22     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 6    | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 6    | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 6    | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 7    | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 7    | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 7    | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 7    | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 7    | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 7    | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 30  | 8    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 8    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 8    | 22     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 8    | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 8    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 8    | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 9    | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 9    | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 9    | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 9    | 32     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 9    | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 9    | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 10   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 10   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 10   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 10   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 10   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 10   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 11   | 2      | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 11   | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 11   | 22     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 11   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 11   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 11   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 12   | 2      | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 12   | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 12   | 22     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 12   | 32     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 12   | 42     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 12   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 13   | 2      | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 13   | 12     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 13   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 13   | 32     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 13   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 13   | 52     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 14   | 2      | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 14   | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 14   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 14   | 32     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 14   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 14   | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 15   | 2      | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.26       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 15   | 12     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 15   | 22     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 15   | 32     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 15   | 42     | 15     | 27     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 15   | 52     | 15     | 26     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 30  | 16   | 2      | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 16   | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 16   | 22     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 16   | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 16   | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 16   | 52     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 17   | 2      | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 17   | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 17   | 22     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 17   | 32     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 17   | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 17   | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 18   | 2      | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 12     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 22     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 19   | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 19   | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 19   | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 19   | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 19   | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 19   | 52     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 20   | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 20   | 12     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 20   | 22     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 20   | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 20   | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 20   | 52     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 21   | 2      | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 21   | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 21   | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 21   | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 21   | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 21   | 52     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 22   | 2      | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 22   | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 22   | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 22   | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 22   | 42     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 22   | 52     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 2      | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 12     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 22     | 15     | 27     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 32     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 42     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 52     | 15     | 26     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 1   | 0    | 2      | 59     | 0.3       | 3.3     | 1.15  | 85.2      | 23.0392 | 23.2759 |
| 2009 | 6     | 1   | 0    | 12     | 59     | 0.3       | 3.3     | 1.19  | 86.1      | 23.0618 | 24.2451 |
| 2009 | 6     | 1   | 0    | 22     | 59     | 0.3       | 3.3     | 1.2   | 85.8      | 23.0618 | 24.3127 |
| 2009 | 6     | 1   | 0    | 32     | 59     | 0.3       | 3.3     | 1.19  | 85.4      | 23.0392 | 24.1531 |
| 2009 | 6     | 1   | 0    | 42     | 59     | 0.3       | 3.3     | 1.23  | 88.9      | 23.0618 | 25.0559 |
| 2009 | 6     | 1   | 0    | 52     | 59     | 0.3       | 3.3     | 1.21  | 86.1      | 23.0618 | 24.6505 |
| 2009 | 6     | 1   | 1    | 2      | 59     | 0.3       | 3.3     | 1.16  | 86.6      | 23.0392 | 23.6132 |
| 2009 | 6     | 1   | 1    | 12     | 59     | 0.3       | 3.3     | 1.17  | 85.8      | 23.0618 | 23.7047 |
| 2009 | 6     | 1   | 1    | 22     | 59     | 0.3       | 3.3     | 1.2   | 86.9      | 23.0618 | 24.3127 |
| 2009 | 6     | 1   | 1    | 32     | 59     | 0.3       | 3.3     | 1.14  | 86.4      | 23.0618 | 23.232  |
| 2009 | 6     | 1   | 1    | 42     | 59     | 0.3       | 3.3     | 1.23  | 87.6      | 23.0618 | 24.9884 |
| 2009 | 6     | 1   | 1    | 52     | 59     | 0.3       | 3.3     | 1.22  | 88.8      | 23.0618 | 24.7856 |
| 2009 | 6     | 1   | 2    | 2      | 59     | 0.3       | 3.3     | 1.24  | 87.1      | 23.0618 | 25.3263 |
| 2009 | 6     | 1   | 2    | 12     | 59     | 0.3       | 3.3     | 1.2   | 87.5      | 23.0618 | 24.4478 |
| 2009 | 6     | 1   | 2    | 22     | 59     | 0.3       | 3.3     | 1.18  | 84.9      | 23.0618 | 23.8398 |
| 2009 | 6     | 1   | 2    | 32     | 59     | 0.3       | 3.3     | 1.2   | 86.2      | 23.0618 | 24.3802 |
| 2009 | 6     | 1   | 2    | 42     | 59     | 0.3       | 3.3     | 1.21  | 87.5      | 23.0618 | 24.6505 |
| 2009 | 6     | 1   | 2    | 52     | 59     | 0.3       | 3.3     | 1.2   | 85.9      | 23.0618 | 24.3802 |
| 2009 | 6     | 1   | 3    | 2      | 59     | 0.3       | 3.3     | 1.2   | 90.3      | 23.0618 | 24.4478 |
| 2009 | 6     | 1   | 3    | 12     | 59     | 0.3       | 3.3     | 1.16  | 86.7      | 23.0618 | 23.5021 |
| 2009 | 6     | 1   | 3    | 22     | 59     | 0.3       | 3.3     | 1.19  | 84        | 23.0618 | 24.0425 |
| 2009 | 6     | 1   | 3    | 32     | 59     | 0.3       | 3.3     | 1.21  | 86.6      | 23.0618 | 24.5154 |
| 2009 | 6     | 1   | 3    | 42     | 59     | 0.3       | 3.3     | 1.2   | 86.4      | 23.0618 | 24.3802 |
| 2009 | 6     | 1   | 3    | 52     | 59     | 0.3       | 3.3     | 1.18  | 87.3      | 23.0618 | 23.9749 |
| 2009 | 6     | 1   | 4    | 2      | 59     | 0.3       | 3.3     | 1.23  | 88.2      | 23.0618 | 24.9884 |
| 2009 | 6     | 1   | 4    | 12     | 59     | 0.3       | 3.3     | 1.16  | 87.4      | 23.0845 | 23.526  |
| 2009 | 6     | 1   | 4    | 22     | 59     | 0.3       | 3.3     | 1.2   | 88.3      | 23.0618 | 24.3802 |
| 2009 | 6     | 1   | 4    | 32     | 59     | 0.3       | 3.3     | 1.18  | 89.2      | 23.0845 | 24.0668 |
| 2009 | 6     | 1   | 4    | 42     | 59     | 0.3       | 3.3     | 1.2   | 85        | 23.0618 | 24.3802 |
| 2009 | 6     | 1   | 4    | 52     | 59     | 0.3       | 3.3     | 1.19  | 85.9      | 23.0618 | 24.11   |
| 2009 | 6     | 1   | 5    | 2      | 59     | 0.3       | 3.3     | 1.2   | 86.2      | 23.0618 | 24.3127 |
| 2009 | 6     | 1   | 5    | 12     | 59     | 0.3       | 3.3     | 1.18  | 86.8      | 23.0845 | 24.0668 |
| 2009 | 6     | 1   | 5    | 22     | 59     | 0.3       | 3.3     | 1.22  | 87.5      | 23.0845 | 24.8784 |
| 2009 | 6     | 1   | 5    | 32     | 59     | 0.3       | 3.3     | 1.2   | 86.2      | 23.0845 | 24.3373 |
| 2009 | 6     | 1   | 5    | 42     | 59     | 0.3       | 3.3     | 1.19  | 87.9      | 23.0845 | 24.2697 |
| 2009 | 6     | 1   | 5    | 52     | 59     | 0.3       | 3.3     | 1.24  | 87.3      | 23.0845 | 25.149  |
| 2009 | 6     | 1   | 6    | 2      | 59     | 0.3       | 3.3     | 1.24  | 87.6      | 23.0618 | 25.2587 |
| 2009 | 6     | 1   | 6    | 12     | 59     | 0.3       | 3.3     | 1.2   | 84.8      | 23.0618 | 24.2451 |
| 2009 | 6     | 1   | 6    | 22     | 59     | 0.3       | 3.3     | 1.18  | 85.4      | 23.0845 | 23.864  |
| 2009 | 6     | 1   | 6    | 32     | 59     | 0.3       | 3.3     | 1.21  | 87.3      | 23.0845 | 24.5402 |
| 2009 | 6     | 1   | 6    | 42     | 59     | 0.3       | 3.3     | 1.2   | 86.7      | 23.0845 | 24.4726 |
| 2009 | 6     | 1   | 6    | 52     | 59     | 0.3       | 3.3     | 1.21  | 87.7      | 23.0845 | 24.6755 |
| 2009 | 6     | 1   | 7    | 2      | 59     | 0.3       | 3.3     | 1.19  | 84.8      | 23.0845 | 24.0668 |
| 2009 | 6     | 1   | 7    | 12     | 59     | 0.3       | 3.3     | 1.2   | 86.1      | 23.0845 | 24.4049 |
| 2009 | 6     | 1   | 7    | 22     | 59     | 0.3       | 3.3     | 1.2   | 85.9      | 23.0845 | 24.3373 |
| 2009 | 6     | 1   | 7    | 32     | 59     | 0.3       | 3.3     | 1.2   | 87.2      | 23.0845 | 24.3373 |
| 2009 | 6     | 1   | 7    | 42     | 59     | 0.3       | 3.3     | 1.2   | 87.5      | 23.0845 | 24.4049 |
| 2009 | 6     | 1   | 7    | 52     | 59     | 0.3       | 3.3     | 1.22  | 86.5      | 23.0845 | 24.8108 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 1   | 8    | 2      | 59     | 0.3       | 3.3     | 1.2   | 85        | 23.0845 | 24.2697 |
| 2009 | 6     | 1   | 8    | 12     | 59     | 0.3       | 3.3     | 1.2   | 87        | 23.0845 | 24.4049 |
| 2009 | 6     | 1   | 8    | 22     | 59     | 0.3       | 3.3     | 1.21  | 88        | 23.0845 | 24.6755 |
| 2009 | 6     | 1   | 8    | 32     | 59     | 0.3       | 3.3     | 1.22  | 86.6      | 23.0845 | 24.8784 |
| 2009 | 6     | 1   | 8    | 42     | 59     | 0.3       | 3.3     | 1.17  | 86.8      | 23.0845 | 23.7964 |
| 2009 | 6     | 1   | 8    | 52     | 59     | 0.3       | 3.3     | 1.21  | 87.5      | 23.0845 | 24.6078 |
| 2009 | 6     | 1   | 9    | 2      | 59     | 0.3       | 3.3     | 1.2   | 87.2      | 23.0845 | 24.3373 |
| 2009 | 6     | 1   | 9    | 12     | 59     | 0.3       | 3.3     | 1.14  | 86        | 23.0845 | 23.1204 |
| 2009 | 6     | 1   | 9    | 22     | 59     | 0.3       | 3.3     | 1.21  | 87.8      | 23.0845 | 24.6755 |
| 2009 | 6     | 1   | 9    | 32     | 59     | 0.3       | 3.3     | 1.2   | 87.8      | 23.0845 | 24.3373 |
| 2009 | 6     | 1   | 9    | 42     | 59     | 0.3       | 3.3     | 1.19  | 87.3      | 23.0845 | 24.2021 |
| 2009 | 6     | 1   | 9    | 52     | 59     | 0.3       | 3.3     | 1.16  | 86.3      | 23.0845 | 23.526  |
| 2009 | 6     | 1   | 10   | 2      | 59     | 0.3       | 3.3     | 1.2   | 89.4      | 23.0845 | 24.4049 |
| 2009 | 6     | 1   | 10   | 12     | 59     | 0.3       | 3.3     | 1.21  | 86        | 23.0845 | 24.6078 |
| 2009 | 6     | 1   | 10   | 22     | 59     | 0.3       | 3.3     | 1.26  | 88.5      | 23.1072 | 25.6485 |
| 2009 | 6     | 1   | 10   | 32     | 59     | 0.3       | 3.3     | 1.22  | 90        | 23.0845 | 24.8108 |
| 2009 | 6     | 1   | 10   | 42     | 59     | 0.3       | 3.3     | 1.15  | 87        | 23.0845 | 23.3232 |
| 2009 | 6     | 1   | 10   | 52     | 59     | 0.3       | 3.3     | 1.2   | 89.5      | 23.1072 | 24.4297 |
| 2009 | 6     | 1   | 11   | 2      | 59     | 0.3       | 3.3     | 1.25  | 88.8      | 23.0845 | 25.4873 |
| 2009 | 6     | 1   | 11   | 12     | 59     | 0.3       | 3.3     | 1.23  | 86.3      | 23.1072 | 24.9713 |
| 2009 | 6     | 1   | 11   | 22     | 59     | 0.3       | 3.3     | 1.16  | 84.7      | 23.0845 | 23.5936 |
| 2009 | 6     | 1   | 11   | 32     | 59     | 0.3       | 3.3     | 1.21  | 86.6      | 23.1072 | 24.7005 |
| 2009 | 6     | 1   | 11   | 42     | 59     | 0.3       | 3.3     | 1.19  | 86        | 23.1072 | 24.1589 |
| 2009 | 6     | 1   | 11   | 52     | 59     | 0.3       | 3.3     | 1.21  | 86.9      | 23.1072 | 24.7005 |
| 2009 | 6     | 1   | 12   | 2      | 59     | 0.3       | 3.3     | 1.17  | 86.3      | 23.1072 | 23.8205 |
| 2009 | 6     | 1   | 12   | 12     | 59     | 0.3       | 3.3     | 1.18  | 87.3      | 23.1072 | 23.9558 |
| 2009 | 6     | 1   | 12   | 22     | 59     | 0.3       | 3.3     | 1.24  | 87.6      | 23.1072 | 25.2422 |
| 2009 | 6     | 1   | 12   | 32     | 59     | 0.3       | 3.3     | 1.26  | 87        | 23.1072 | 25.6485 |
| 2009 | 6     | 1   | 12   | 42     | 59     | 0.3       | 3.3     | 1.24  | 89.4      | 23.1072 | 25.3099 |
| 2009 | 6     | 1   | 12   | 52     | 59     | 0.3       | 3.3     | 1.23  | 84.8      | 23.1072 | 24.9036 |
| 2009 | 6     | 1   | 13   | 2      | 59     | 0.3       | 3.3     | 1.18  | 86.8      | 23.1072 | 24.0912 |
| 2009 | 6     | 1   | 13   | 12     | 59     | 0.3       | 3.3     | 1.21  | 87.8      | 23.1072 | 24.6328 |
| 2009 | 6     | 1   | 13   | 22     | 59     | 0.3       | 3.3     | 1.23  | 85.1      | 23.1072 | 24.9713 |
| 2009 | 6     | 1   | 13   | 32     | 59     | 0.3       | 3.3     | 1.22  | 86.8      | 23.0845 | 24.7431 |
| 2009 | 6     | 1   | 13   | 42     | 59     | 0.3       | 3.3     | 1.19  | 87.3      | 23.1072 | 24.2266 |
| 2009 | 6     | 1   | 13   | 52     | 59     | 0.3       | 3.3     | 1.21  | 88        | 23.1072 | 24.7682 |
| 2009 | 6     | 1   | 14   | 2      | 59     | 0.3       | 3.3     | 1.21  | 87.7      | 23.0845 | 24.7431 |
| 2009 | 6     | 1   | 14   | 12     | 59     | 0.3       | 3.3     | 1.24  | 86.2      | 23.0845 | 25.2843 |
| 2009 | 6     | 1   | 14   | 22     | 59     | 0.3       | 3.3     | 1.2   | 88.3      | 23.0845 | 24.5402 |
| 2009 | 6     | 1   | 14   | 32     | 59     | 0.3       | 3.3     | 1.18  | 84.6      | 23.0845 | 23.9316 |
| 2009 | 6     | 1   | 14   | 42     | 59     | 0.3       | 3.3     | 1.2   | 88        | 23.0618 | 24.5154 |
| 2009 | 6     | 1   | 14   | 52     | 59     | 0.3       | 3.3     | 1.15  | 85.4      | 23.0845 | 23.3232 |
| 2009 | 6     | 1   | 15   | 2      | 59     | 0.3       | 3.3     | 1.22  | 86.1      | 23.0845 | 24.7431 |
| 2009 | 6     | 1   | 15   | 12     | 59     | 0.3       | 3.3     | 1.2   | 85.1      | 23.0845 | 24.3373 |
| 2009 | 6     | 1   | 15   | 22     | 59     | 0.3       | 3.3     | 1.18  | 85.9      | 23.0845 | 23.9992 |
| 2009 | 6     | 1   | 15   | 32     | 59     | 0.3       | 3.3     | 1.24  | 86.3      | 23.0618 | 25.1235 |
| 2009 | 6     | 1   | 15   | 42     | 59     | 0.3       | 3.3     | 1.17  | 85.8      | 23.0845 | 23.7964 |
| 2009 | 6     | 1   | 15   | 52     | 59     | 0.3       | 3.3     | 1.15  | 85.7      | 23.0845 | 23.3232 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 1   | 16   | 2      | 59     | 0.3       | 3.3     | 1.22  | 86        | 23.0845 | 24.7431 |
| 2009 | 6     | 1   | 16   | 12     | 59     | 0.3       | 3.3     | 1.22  | 87.5      | 23.0618 | 24.7856 |
| 2009 | 6     | 1   | 16   | 22     | 59     | 0.3       | 3.3     | 1.24  | 87        | 23.0845 | 25.2843 |
| 2009 | 6     | 1   | 16   | 32     | 59     | 0.3       | 3.3     | 1.17  | 84.9      | 23.0845 | 23.7964 |
| 2009 | 6     | 1   | 16   | 42     | 59     | 0.3       | 3.3     | 1.19  | 86        | 23.0845 | 24.1345 |
| 2009 | 6     | 1   | 16   | 52     | 59     | 0.3       | 3.3     | 1.21  | 85.5      | 23.0845 | 24.6078 |
| 2009 | 6     | 1   | 17   | 2      | 59     | 0.3       | 3.3     | 1.23  | 85.9      | 23.0618 | 24.9208 |
| 2009 | 6     | 1   | 17   | 12     | 59     | 0.3       | 3.3     | 1.2   | 87        | 23.0845 | 24.4049 |
| 2009 | 6     | 1   | 17   | 22     | 59     | 0.3       | 3.3     | 1.22  | 86.5      | 23.0845 | 24.8784 |
| 2009 | 6     | 1   | 17   | 32     | 59     | 0.3       | 3.3     | 1.22  | 87.1      | 23.0845 | 24.8108 |
| 2009 | 6     | 1   | 17   | 42     | 59     | 0.3       | 3.3     | 1.2   | 85.5      | 23.0845 | 24.4049 |
| 2009 | 6     | 1   | 17   | 52     | 59     | 0.3       | 3.3     | 1.18  | 88.2      | 23.0618 | 24.0425 |
| 2009 | 6     | 1   | 18   | 2      | 59     | 0.3       | 3.3     | 1.21  | 85.2      | 23.0845 | 24.6078 |
| 2009 | 6     | 1   | 18   | 12     | 59     | 0.3       | 3.3     | 1.19  | 89.5      | 23.0845 | 24.2021 |
| 2009 | 6     | 1   | 18   | 22     | 59     | 0.3       | 3.3     | 1.18  | 86.7      | 23.0845 | 24.0668 |
| 2009 | 6     | 1   | 18   | 32     | 59     | 0.3       | 3.3     | 1.22  | 89.1      | 23.0618 | 24.9208 |
| 2009 | 6     | 1   | 18   | 42     | 59     | 0.3       | 3.3     | 1.22  | 88.1      | 23.0618 | 24.7856 |
| 2009 | 6     | 1   | 18   | 52     | 59     | 0.3       | 3.3     | 1.21  | 85.9      | 23.0845 | 24.5402 |
| 2009 | 6     | 1   | 19   | 2      | 59     | 0.3       | 3.3     | 1.24  | 87.3      | 23.0618 | 25.2587 |
| 2009 | 6     | 1   | 19   | 12     | 59     | 0.3       | 3.3     | 1.2   | 87        | 23.0618 | 24.3127 |
| 2009 | 6     | 1   | 19   | 22     | 59     | 0.3       | 3.3     | 1.24  | 87        | 23.0618 | 25.1235 |
| 2009 | 6     | 1   | 19   | 32     | 59     | 0.3       | 3.3     | 1.2   | 86.7      | 23.0618 | 24.3802 |
| 2009 | 6     | 1   | 19   | 42     | 59     | 0.3       | 3.3     | 1.21  | 88.6      | 23.0618 | 24.6505 |
| 2009 | 6     | 1   | 19   | 52     | 59     | 0.3       | 3.3     | 1.22  | 85.5      | 23.0618 | 24.7181 |
| 2009 | 6     | 1   | 20   | 2      | 59     | 0.3       | 3.3     | 1.18  | 85.1      | 23.0618 | 23.9749 |
| 2009 | 6     | 1   | 20   | 12     | 59     | 0.3       | 3.3     | 1.15  | 86.2      | 23.0618 | 23.3671 |
| 2009 | 6     | 1   | 20   | 22     | 59     | 0.3       | 3.3     | 1.17  | 85.5      | 23.0618 | 23.8398 |
| 2009 | 6     | 1   | 20   | 32     | 59     | 0.3       | 3.3     | 1.21  | 85.8      | 23.0618 | 24.5154 |
| 2009 | 6     | 1   | 20   | 42     | 59     | 0.3       | 3.3     | 1.23  | 85.2      | 23.0618 | 24.9208 |
| 2009 | 6     | 1   | 20   | 52     | 59     | 0.3       | 3.3     | 1.18  | 86.8      | 23.0618 | 24.0425 |
| 2009 | 6     | 1   | 21   | 2      | 59     | 0.3       | 3.3     | 1.19  | 86.1      | 23.0618 | 24.2451 |
| 2009 | 6     | 1   | 21   | 12     | 59     | 0.3       | 3.3     | 1.2   | 86.5      | 23.0618 | 24.3127 |
| 2009 | 6     | 1   | 21   | 22     | 59     | 0.3       | 3.3     | 1.22  | 86.6      | 23.0618 | 24.7856 |
| 2009 | 6     | 1   | 21   | 32     | 59     | 0.3       | 3.3     | 1.21  | 84.7      | 23.0618 | 24.5154 |
| 2009 | 6     | 1   | 21   | 42     | 59     | 0.3       | 3.3     | 1.24  | 87.3      | 23.0618 | 25.2587 |
| 2009 | 6     | 1   | 21   | 52     | 59     | 0.3       | 3.3     | 1.23  | 87.6      | 23.0618 | 24.9884 |
| 2009 | 6     | 1   | 22   | 2      | 59     | 0.3       | 3.3     | 1.21  | 86.9      | 23.0845 | 24.5402 |
| 2009 | 6     | 1   | 22   | 12     | 59     | 0.3       | 3.3     | 1.24  | 87.6      | 23.0845 | 25.3519 |
| 2009 | 6     | 1   | 22   | 22     | 59     | 0.3       | 3.3     | 1.18  | 84.7      | 23.0845 | 23.864  |
| 2009 | 6     | 1   | 22   | 32     | 59     | 0.3       | 3.3     | 1.2   | 87.8      | 23.0845 | 24.3373 |
| 2009 | 6     | 1   | 22   | 42     | 59     | 0.3       | 3.3     | 1.22  | 86.2      | 23.0845 | 24.8784 |
| 2009 | 6     | 1   | 22   | 52     | 59     | 0.3       | 3.3     | 1.19  | 85.9      | 23.0845 | 24.2021 |
| 2009 | 6     | 1   | 23   | 2      | 59     | 0.3       | 3.3     | 1.22  | 86.9      | 23.0845 | 24.8108 |
| 2009 | 6     | 1   | 23   | 12     | 59     | 0.3       | 3.3     | 1.17  | 85.3      | 23.0845 | 23.7288 |
| 2009 | 6     | 1   | 23   | 22     | 59     | 0.3       | 3.3     | 1.18  | 87.6      | 23.0845 | 23.9316 |
| 2009 | 6     | 1   | 23   | 32     | 59     | 0.3       | 3.3     | 1.23  | 90.2      | 23.0845 | 25.149  |
| 2009 | 6     | 1   | 23   | 42     | 59     | 0.3       | 3.3     | 1.2   | 87.6      | 23.0845 | 24.4049 |
| 2009 | 6     | 1   | 23   | 52     | 59     | 0.3       | 3.3     | 1.18  | 87.5      | 23.0845 | 24.0668 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 2   | 0    | 2      | 59     | 0.3       | 3.3     | 1.24  | 86.7      | 23.0845 | 25.2166 |
| 2009 | 6     | 2   | 0    | 12     | 59     | 0.3       | 3.3     | 1.16  | 86.3      | 23.0845 | 23.6612 |
| 2009 | 6     | 2   | 0    | 22     | 59     | 0.3       | 3.3     | 1.2   | 85.3      | 23.0845 | 24.3373 |
| 2009 | 6     | 2   | 0    | 32     | 59     | 0.3       | 3.3     | 1.2   | 86.9      | 23.0845 | 24.4049 |
| 2009 | 6     | 2   | 0    | 42     | 59     | 0.3       | 3.3     | 1.22  | 85.1      | 23.0845 | 24.8108 |
| 2009 | 6     | 2   | 0    | 52     | 59     | 0.3       | 3.3     | 1.22  | 86.5      | 23.0845 | 24.8108 |
| 2009 | 6     | 2   | 1    | 2      | 59     | 0.3       | 3.3     | 1.16  | 85.5      | 23.0845 | 23.5936 |
| 2009 | 6     | 2   | 1    | 12     | 59     | 0.3       | 3.3     | 1.24  | 84.5      | 23.0845 | 25.149  |
| 2009 | 6     | 2   | 1    | 22     | 59     | 0.3       | 3.3     | 1.18  | 85.2      | 23.0845 | 23.9992 |
| 2009 | 6     | 2   | 1    | 32     | 59     | 0.3       | 3.3     | 1.19  | 85.2      | 23.0845 | 24.1345 |
| 2009 | 6     | 2   | 1    | 42     | 59     | 0.3       | 3.3     | 1.15  | 86.4      | 23.0845 | 23.4584 |
| 2009 | 6     | 2   | 1    | 52     | 59     | 0.3       | 3.3     | 1.23  | 85.7      | 23.0845 | 24.946  |
| 2009 | 6     | 2   | 2    | 2      | 59     | 0.3       | 3.3     | 1.16  | 87.4      | 23.0845 | 23.5936 |
| 2009 | 6     | 2   | 2    | 12     | 59     | 0.3       | 3.3     | 1.19  | 86.2      | 23.0845 | 24.2697 |
| 2009 | 6     | 2   | 2    | 22     | 59     | 0.3       | 3.3     | 1.18  | 86.2      | 23.0845 | 24.0668 |
| 2009 | 6     | 2   | 2    | 32     | 59     | 0.3       | 3.3     | 1.19  | 85.2      | 23.0845 | 24.1345 |
| 2009 | 6     | 2   | 2    | 42     | 59     | 0.3       | 3.3     | 1.25  | 86.4      | 23.0845 | 25.3519 |
| 2009 | 6     | 2   | 2    | 52     | 59     | 0.3       | 3.3     | 1.26  | 86.4      | 23.0845 | 25.5549 |
| 2009 | 6     | 2   | 3    | 2      | 59     | 0.3       | 3.3     | 1.16  | 85        | 23.0845 | 23.5936 |
| 2009 | 6     | 2   | 3    | 12     | 59     | 0.3       | 3.3     | 1.2   | 85.4      | 23.0845 | 24.3373 |
| 2009 | 6     | 2   | 3    | 22     | 59     | 0.3       | 3.3     | 1.2   | 86.9      | 23.0845 | 24.4726 |
| 2009 | 6     | 2   | 3    | 32     | 59     | 0.3       | 3.3     | 1.19  | 85.1      | 23.0845 | 24.0668 |
| 2009 | 6     | 2   | 3    | 42     | 59     | 0.3       | 3.3     | 1.21  | 86.4      | 23.0845 | 24.6755 |
| 2009 | 6     | 2   | 3    | 52     | 59     | 0.3       | 3.3     | 1.19  | 87.9      | 23.1072 | 24.1589 |
| 2009 | 6     | 2   | 4    | 2      | 59     | 0.3       | 3.3     | 1.2   | 87        | 23.0845 | 24.4049 |
| 2009 | 6     | 2   | 4    | 12     | 59     | 0.3       | 3.3     | 1.2   | 85.6      | 23.1072 | 24.4297 |
| 2009 | 6     | 2   | 4    | 22     | 59     | 0.3       | 3.3     | 1.21  | 88.6      | 23.0845 | 24.6755 |
| 2009 | 6     | 2   | 4    | 32     | 59     | 0.3       | 3.3     | 1.2   | 87.8      | 23.0845 | 24.4049 |
| 2009 | 6     | 2   | 4    | 42     | 59     | 0.3       | 3.3     | 1.18  | 85.7      | 23.0845 | 23.9992 |
| 2009 | 6     | 2   | 4    | 52     | 59     | 0.3       | 3.3     | 1.21  | 87.7      | 23.1072 | 24.6328 |
| 2009 | 6     | 2   | 5    | 2      | 59     | 0.3       | 3.3     | 1.18  | 85.8      | 23.1072 | 23.9558 |
| 2009 | 6     | 2   | 5    | 12     | 59     | 0.3       | 3.3     | 1.23  | 89.4      | 23.0845 | 25.149  |
| 2009 | 6     | 2   | 5    | 22     | 59     | 0.3       | 3.3     | 1.22  | 86.9      | 23.1072 | 24.9036 |
| 2009 | 6     | 2   | 5    | 32     | 59     | 0.3       | 3.3     | 1.19  | 87.8      | 23.1072 | 24.2266 |
| 2009 | 6     | 2   | 5    | 42     | 59     | 0.3       | 3.3     | 1.21  | 88.6      | 23.1072 | 24.7682 |
| 2009 | 6     | 2   | 5    | 52     | 59     | 0.3       | 3.3     | 1.21  | 86.9      | 23.1072 | 24.6328 |
| 2009 | 6     | 2   | 6    | 2      | 59     | 0.3       | 3.3     | 1.22  | 88.6      | 23.1072 | 24.9036 |
| 2009 | 6     | 2   | 6    | 12     | 59     | 0.3       | 3.3     | 1.18  | 85.4      | 23.1072 | 23.9558 |
| 2009 | 6     | 2   | 6    | 22     | 59     | 0.3       | 3.3     | 1.21  | 83.6      | 23.1072 | 24.4974 |
| 2009 | 6     | 2   | 6    | 32     | 59     | 0.3       | 3.6     | 1.19  | 87        | 23.1299 | 24.2511 |
| 2009 | 6     | 2   | 6    | 42     | 59     | 0.3       | 3.3     | 1.25  | 88.5      | 23.1072 | 25.5808 |
| 2009 | 6     | 2   | 6    | 52     | 59     | 0.3       | 3.3     | 1.19  | 87        | 23.1072 | 24.2943 |
| 2009 | 6     | 2   | 7    | 2      | 59     | 0.3       | 3.6     | 1.21  | 85.8      | 23.1299 | 24.5899 |
| 2009 | 6     | 2   | 7    | 12     | 59     | 0.3       | 3.6     | 1.22  | 88.9      | 23.1299 | 24.861  |
| 2009 | 6     | 2   | 7    | 22     | 59     | 0.3       | 3.6     | 1.19  | 86.8      | 23.1299 | 24.3189 |
| 2009 | 6     | 2   | 7    | 32     | 59     | 0.3       | 3.6     | 1.18  | 87.6      | 23.1299 | 23.9801 |
| 2009 | 6     | 2   | 7    | 42     | 59     | 0.3       | 3.6     | 1.18  | 86.5      | 23.1299 | 24.1156 |
| 2009 | 6     | 2   | 7    | 52     | 59     | 0.3       | 3.6     | 1.25  | 87        | 23.1299 | 25.4711 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 2   | 8    | 2      | 59     | 0.3       | 3.6     | 1.22  | 85.8      | 23.1299 | 24.861  |
| 2009 | 6     | 2   | 8    | 12     | 59     | 0.3       | 3.6     | 1.21  | 87.2      | 23.1525 | 24.6148 |
| 2009 | 6     | 2   | 8    | 22     | 59     | 0.3       | 3.6     | 1.14  | 85.4      | 23.1525 | 23.1907 |
| 2009 | 6     | 2   | 8    | 32     | 59     | 0.3       | 3.6     | 1.21  | 86.4      | 23.1525 | 24.6148 |
| 2009 | 6     | 2   | 8    | 42     | 59     | 0.3       | 3.6     | 1.23  | 86.6      | 23.1525 | 25.1575 |
| 2009 | 6     | 2   | 8    | 52     | 59     | 0.3       | 3.6     | 1.22  | 87.5      | 23.1525 | 25.0218 |
| 2009 | 6     | 2   | 9    | 2      | 59     | 0.3       | 3.6     | 1.17  | 87.4      | 23.1525 | 23.8009 |
| 2009 | 6     | 2   | 9    | 12     | 59     | 0.3       | 3.6     | 1.23  | 87.4      | 23.1752 | 25.1829 |
| 2009 | 6     | 2   | 9    | 22     | 59     | 0.3       | 3.6     | 1.22  | 88.3      | 23.1525 | 24.954  |
| 2009 | 6     | 2   | 9    | 32     | 59     | 0.3       | 3.6     | 1.2   | 86.2      | 23.1525 | 24.5469 |
| 2009 | 6     | 2   | 9    | 42     | 59     | 0.3       | 3.6     | 1.2   | 88        | 23.1525 | 24.5469 |
| 2009 | 6     | 2   | 9    | 52     | 59     | 0.3       | 3.6     | 1.23  | 87.2      | 23.1525 | 25.0218 |
| 2009 | 6     | 2   | 10   | 2      | 59     | 0.3       | 3.6     | 1.22  | 86.3      | 23.1752 | 24.9791 |
| 2009 | 6     | 2   | 10   | 12     | 59     | 0.3       | 3.6     | 1.2   | 87.5      | 23.1752 | 24.5038 |
| 2009 | 6     | 2   | 10   | 22     | 59     | 0.3       | 3.6     | 1.21  | 87        | 23.1752 | 24.6396 |
| 2009 | 6     | 2   | 10   | 32     | 59     | 0.3       | 3.6     | 1.24  | 86.2      | 23.1752 | 25.3188 |
| 2009 | 6     | 2   | 10   | 42     | 59     | 0.3       | 3.6     | 1.25  | 87.6      | 23.1525 | 25.6325 |
| 2009 | 6     | 2   | 10   | 52     | 59     | 0.3       | 3.6     | 1.21  | 87.7      | 23.1979 | 24.8684 |
| 2009 | 6     | 2   | 11   | 2      | 59     | 0.3       | 3.6     | 1.2   | 87.3      | 23.1525 | 24.5469 |
| 2009 | 6     | 2   | 11   | 12     | 59     | 0.3       | 3.6     | 1.18  | 87.4      | 23.1752 | 24.0285 |
| 2009 | 6     | 2   | 11   | 22     | 59     | 0.3       | 3.6     | 1.21  | 86.9      | 23.1752 | 24.7075 |
| 2009 | 6     | 2   | 11   | 32     | 59     | 0.3       | 3.6     | 1.18  | 87.9      | 23.1752 | 24.1643 |
| 2009 | 6     | 2   | 11   | 42     | 59     | 0.3       | 3.6     | 1.21  | 87.5      | 23.1979 | 24.7324 |
| 2009 | 6     | 2   | 11   | 52     | 59     | 0.3       | 3.6     | 1.22  | 87.8      | 23.1979 | 25.0043 |
| 2009 | 6     | 2   | 12   | 2      | 59     | 0.3       | 3.6     | 1.22  | 86.6      | 23.1752 | 24.9791 |
| 2009 | 6     | 2   | 12   | 12     | 59     | 0.3       | 3.6     | 1.23  | 89.1      | 23.1979 | 25.2763 |
| 2009 | 6     | 2   | 12   | 22     | 59     | 0.3       | 3.6     | 1.26  | 89.3      | 23.1752 | 25.7263 |
| 2009 | 6     | 2   | 12   | 32     | 59     | 0.3       | 3.6     | 1.21  | 85.6      | 23.1752 | 24.7075 |
| 2009 | 6     | 2   | 12   | 42     | 59     | 0.3       | 3.6     | 1.17  | 85.7      | 23.1979 | 23.8489 |
| 2009 | 6     | 2   | 12   | 52     | 59     | 0.3       | 3.6     | 1.18  | 85.4      | 23.1979 | 24.1887 |
| 2009 | 6     | 2   | 13   | 2      | 59     | 0.3       | 3.6     | 1.19  | 86.7      | 23.1979 | 24.3246 |
| 2009 | 6     | 2   | 13   | 12     | 59     | 0.3       | 3.6     | 1.26  | 89        | 23.1752 | 25.7943 |
| 2009 | 6     | 2   | 13   | 22     | 59     | 0.3       | 3.6     | 1.16  | 87.9      | 23.1979 | 23.781  |
| 2009 | 6     | 2   | 13   | 32     | 59     | 0.3       | 3.6     | 1.21  | 86.9      | 23.1752 | 24.7754 |
| 2009 | 6     | 2   | 13   | 42     | 59     | 0.3       | 3.6     | 1.21  | 87.4      | 23.2205 | 24.8254 |
| 2009 | 6     | 2   | 13   | 52     | 59     | 0.3       | 3.6     | 1.22  | 89.5      | 23.2205 | 25.0976 |
| 2009 | 6     | 2   | 14   | 2      | 59     | 0.3       | 3.6     | 1.26  | 87.8      | 23.1979 | 25.8203 |
| 2009 | 6     | 2   | 14   | 12     | 59     | 0.3       | 3.6     | 1.22  | 86.9      | 23.2432 | 24.9185 |
| 2009 | 6     | 2   | 14   | 22     | 59     | 0.3       | 3.6     | 1.24  | 88.3      | 23.2432 | 25.5316 |
| 2009 | 6     | 2   | 14   | 32     | 59     | 0.3       | 3.6     | 1.22  | 88.1      | 23.2205 | 24.9615 |
| 2009 | 6     | 2   | 14   | 42     | 59     | 0.3       | 3.6     | 1.2   | 87.2      | 23.2432 | 24.5779 |
| 2009 | 6     | 2   | 14   | 52     | 59     | 0.3       | 3.6     | 1.19  | 85.7      | 23.1979 | 24.3926 |
| 2009 | 6     | 2   | 15   | 2      | 59     | 0.3       | 3.6     | 1.22  | 87.8      | 23.1979 | 24.9363 |
| 2009 | 6     | 2   | 15   | 12     | 59     | 0.3       | 3.6     | 1.21  | 88        | 23.1979 | 24.8684 |
| 2009 | 6     | 2   | 15   | 22     | 59     | 0.3       | 3.6     | 1.22  | 87.8      | 23.2205 | 24.9615 |
| 2009 | 6     | 2   | 15   | 32     | 59     | 0.3       | 3.6     | 1.23  | 87.9      | 23.1979 | 25.1403 |
| 2009 | 6     | 2   | 15   | 42     | 59     | 0.3       | 3.6     | 1.21  | 85.5      | 23.2205 | 24.7573 |
| 2009 | 6     | 2   | 15   | 52     | 59     | 0.3       | 3.6     | 1.24  | 89.8      | 23.1979 | 25.4123 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 2   | 16   | 2      | 59     | 0.3       | 3.6     | 1.23  | 86.5      | 23.2432 | 25.2591 |
| 2009 | 6     | 2   | 16   | 12     | 59     | 0.3       | 3.6     | 1.19  | 89.7      | 23.2432 | 24.5098 |
| 2009 | 6     | 2   | 16   | 22     | 59     | 0.3       | 3.6     | 1.22  | 88.5      | 23.2205 | 25.0976 |
| 2009 | 6     | 2   | 16   | 32     | 59     | 0.3       | 3.6     | 1.2   | 88.7      | 23.2658 | 24.6026 |
| 2009 | 6     | 2   | 16   | 42     | 59     | 0.3       | 3.6     | 1.23  | 83.4      | 23.2205 | 24.9615 |
| 2009 | 6     | 2   | 16   | 52     | 59     | 0.3       | 3.6     | 1.18  | 89.2      | 23.2432 | 24.3055 |
| 2009 | 6     | 2   | 17   | 2      | 59     | 0.3       | 3.6     | 1.2   | 88.1      | 23.2658 | 24.7389 |
| 2009 | 6     | 2   | 17   | 12     | 59     | 0.3       | 3.6     | 1.22  | 87.1      | 23.2205 | 24.9615 |
| 2009 | 6     | 2   | 17   | 22     | 59     | 0.3       | 3.6     | 1.24  | 87.4      | 23.2205 | 25.5059 |
| 2009 | 6     | 2   | 17   | 32     | 59     | 0.3       | 3.6     | 1.24  | 84.4      | 23.1979 | 25.2083 |
| 2009 | 6     | 2   | 17   | 42     | 59     | 0.3       | 3.6     | 1.2   | 88.9      | 23.2205 | 24.5532 |
| 2009 | 6     | 2   | 17   | 52     | 59     | 0.3       | 3.6     | 1.16  | 85.3      | 23.2885 | 23.6721 |
| 2009 | 6     | 2   | 18   | 2      | 59     | 0.3       | 3.6     | 1.18  | 87.6      | 23.2658 | 24.2617 |
| 2009 | 6     | 2   | 18   | 12     | 59     | 0.3       | 3.6     | 1.23  | 87.1      | 23.2432 | 25.1909 |
| 2009 | 6     | 2   | 18   | 22     | 59     | 0.3       | 3.6     | 1.17  | 85.8      | 23.2205 | 24.009  |
| 2009 | 6     | 2   | 18   | 32     | 59     | 0.3       | 3.6     | 1.18  | 84.7      | 23.2432 | 24.0331 |
| 2009 | 6     | 2   | 18   | 42     | 59     | 0.3       | 3.6     | 1.18  | 84.7      | 23.2658 | 24.1936 |
| 2009 | 6     | 2   | 18   | 52     | 59     | 0.3       | 3.6     | 1.22  | 83.7      | 23.2205 | 24.9615 |
| 2009 | 6     | 2   | 19   | 2      | 59     | 0.3       | 3.6     | 1.23  | 85.1      | 23.2658 | 25.2162 |
| 2009 | 6     | 2   | 19   | 12     | 59     | 0.3       | 3.6     | 1.19  | 86.7      | 23.2432 | 24.4417 |
| 2009 | 6     | 2   | 19   | 22     | 59     | 0.3       | 3.6     | 1.24  | 87.9      | 23.2432 | 25.5316 |
| 2009 | 6     | 2   | 19   | 32     | 59     | 0.3       | 3.6     | 1.23  | 88.2      | 23.2885 | 25.3098 |
| 2009 | 6     | 2   | 19   | 42     | 59     | 0.3       | 3.6     | 1.22  | 84.8      | 23.2885 | 25.0368 |
| 2009 | 6     | 2   | 19   | 52     | 59     | 0.3       | 3.6     | 1.25  | 89.5      | 23.2658 | 25.6254 |
| 2009 | 6     | 2   | 20   | 2      | 59     | 0.3       | 3.6     | 1.27  | 85.5      | 23.2885 | 25.9925 |
| 2009 | 6     | 2   | 20   | 12     | 59     | 0.3       | 3.6     | 1.22  | 88        | 23.2658 | 25.0799 |
| 2009 | 6     | 2   | 20   | 22     | 59     | 0.3       | 3.6     | 1.17  | 87.4      | 23.2885 | 24.0814 |
| 2009 | 6     | 2   | 20   | 32     | 59     | 0.3       | 3.6     | 1.25  | 86.2      | 23.2885 | 25.6512 |
| 2009 | 6     | 2   | 20   | 42     | 59     | 0.3       | 3.6     | 1.17  | 85.5      | 23.2885 | 23.945  |
| 2009 | 6     | 2   | 20   | 52     | 59     | 0.3       | 3.6     | 1.19  | 84.5      | 23.3111 | 24.3788 |
| 2009 | 6     | 2   | 21   | 2      | 59     | 0.3       | 3.6     | 1.27  | 85.2      | 23.3111 | 26.0186 |
| 2009 | 6     | 2   | 21   | 12     | 59     | 0.3       | 3.6     | 1.2   | 86.2      | 23.3111 | 24.652  |
| 2009 | 6     | 2   | 21   | 22     | 59     | 0.3       | 3.6     | 1.23  | 86.5      | 23.3111 | 25.3352 |
| 2009 | 6     | 2   | 21   | 32     | 59     | 0.3       | 3.6     | 1.21  | 86.9      | 23.3111 | 24.9252 |
| 2009 | 6     | 2   | 21   | 42     | 59     | 0.3       | 3.6     | 1.23  | 88.8      | 23.3111 | 25.4035 |
| 2009 | 6     | 2   | 21   | 52     | 59     | 0.3       | 3.6     | 1.2   | 88.6      | 23.3111 | 24.7886 |
| 2009 | 6     | 2   | 22   | 2      | 59     | 0.3       | 3.6     | 1.25  | 89.6      | 23.3111 | 25.8136 |
| 2009 | 6     | 2   | 22   | 12     | 59     | 0.3       | 3.6     | 1.25  | 88.3      | 23.3338 | 25.7026 |
| 2009 | 6     | 2   | 22   | 22     | 59     | 0.3       | 3.6     | 1.25  | 87        | 23.3338 | 25.7026 |
| 2009 | 6     | 2   | 22   | 32     | 59     | 0.3       | 3.6     | 1.19  | 86.4      | 23.3338 | 24.4715 |
| 2009 | 6     | 2   | 22   | 42     | 59     | 0.3       | 3.6     | 1.23  | 88.9      | 23.3338 | 25.3606 |
| 2009 | 6     | 2   | 22   | 52     | 59     | 0.3       | 3.6     | 1.22  | 90        | 23.3338 | 25.2238 |
| 2009 | 6     | 2   | 23   | 2      | 59     | 0.3       | 3.6     | 1.25  | 87        | 23.3338 | 25.6342 |
| 2009 | 6     | 2   | 23   | 12     | 59     | 0.3       | 3.6     | 1.2   | 85.3      | 23.3338 | 24.745  |
| 2009 | 6     | 2   | 23   | 22     | 59     | 0.3       | 3.6     | 1.24  | 88.9      | 23.3338 | 25.6342 |
| 2009 | 6     | 2   | 23   | 32     | 59     | 0.3       | 3.6     | 1.26  | 87.2      | 23.3338 | 25.9078 |
| 2009 | 6     | 2   | 23   | 42     | 59     | 0.3       | 3.6     | 1.25  | 87        | 23.3338 | 25.7026 |
| 2009 | 6     | 2   | 23   | 52     | 59     | 0.3       | 3.6     | 1.22  | 85.1      | 23.3338 | 25.0186 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 3   | 0    | 2      | 59     | 0.3       | 3.6     | 1.27  | 87.9      | 23.3338 | 26.2499 |
| 2009 | 6     | 3   | 0    | 12     | 59     | 0.3       | 3.6     | 1.23  | 86.9      | 23.3338 | 25.2922 |
| 2009 | 6     | 3   | 0    | 22     | 59     | 0.3       | 3.6     | 1.21  | 87.5      | 23.3338 | 24.8134 |
| 2009 | 6     | 3   | 0    | 32     | 59     | 0.3       | 3.6     | 1.27  | 87.8      | 23.3338 | 26.1815 |
| 2009 | 6     | 3   | 0    | 42     | 59     | 0.3       | 3.6     | 1.23  | 85.7      | 23.3564 | 25.249  |
| 2009 | 6     | 3   | 0    | 52     | 59     | 0.3       | 3.6     | 1.21  | 86.3      | 23.3564 | 24.9752 |
| 2009 | 6     | 3   | 1    | 2      | 59     | 0.3       | 3.6     | 1.2   | 86.1      | 23.3564 | 24.6329 |
| 2009 | 6     | 3   | 1    | 12     | 59     | 0.3       | 3.6     | 1.22  | 90        | 23.3564 | 25.1121 |
| 2009 | 6     | 3   | 1    | 22     | 59     | 0.3       | 3.6     | 1.23  | 86.3      | 23.3564 | 25.3859 |
| 2009 | 6     | 3   | 1    | 32     | 59     | 0.3       | 3.6     | 1.2   | 85.9      | 23.3564 | 24.7698 |
| 2009 | 6     | 3   | 1    | 42     | 59     | 0.3       | 3.6     | 1.24  | 90        | 23.3564 | 25.6598 |
| 2009 | 6     | 3   | 1    | 52     | 59     | 0.3       | 3.6     | 1.23  | 86.2      | 23.3564 | 25.3859 |
| 2009 | 6     | 3   | 2    | 2      | 59     | 0.3       | 3.6     | 1.24  | 86.8      | 23.379  | 25.4798 |
| 2009 | 6     | 3   | 2    | 12     | 59     | 0.3       | 3.6     | 1.24  | 88.9      | 23.379  | 25.6854 |
| 2009 | 6     | 3   | 2    | 22     | 59     | 0.3       | 3.6     | 1.24  | 85.1      | 23.379  | 25.5484 |
| 2009 | 6     | 3   | 2    | 32     | 59     | 0.3       | 3.6     | 1.23  | 88        | 23.379  | 25.4798 |
| 2009 | 6     | 3   | 2    | 42     | 59     | 0.3       | 3.6     | 1.26  | 88.8      | 23.379  | 26.0282 |
| 2009 | 6     | 3   | 2    | 52     | 59     | 0.3       | 3.6     | 1.2   | 86.4      | 23.379  | 24.7945 |
| 2009 | 6     | 3   | 3    | 2      | 59     | 0.3       | 3.6     | 1.2   | 86.4      | 23.4017 | 24.8193 |
| 2009 | 6     | 3   | 3    | 12     | 59     | 0.3       | 3.6     | 1.2   | 84        | 23.4017 | 24.6136 |
| 2009 | 6     | 3   | 3    | 22     | 59     | 0.3       | 3.6     | 1.24  | 85.9      | 23.4017 | 25.6425 |
| 2009 | 6     | 3   | 3    | 32     | 59     | 0.3       | 3.6     | 1.25  | 86.4      | 23.4017 | 25.7111 |
| 2009 | 6     | 3   | 3    | 42     | 59     | 0.3       | 3.6     | 1.23  | 88.2      | 23.4243 | 25.462  |
| 2009 | 6     | 3   | 3    | 52     | 59     | 0.3       | 3.6     | 1.25  | 87.1      | 23.4243 | 25.8054 |
| 2009 | 6     | 3   | 4    | 2      | 59     | 0.3       | 3.6     | 1.22  | 88.6      | 23.4243 | 25.256  |
| 2009 | 6     | 3   | 4    | 12     | 59     | 0.3       | 3.6     | 1.22  | 85.8      | 23.4017 | 25.1622 |
| 2009 | 6     | 3   | 4    | 22     | 59     | 0.3       | 3.6     | 1.2   | 86.2      | 23.4243 | 24.7754 |
| 2009 | 6     | 3   | 4    | 32     | 59     | 0.3       | 3.6     | 1.2   | 88        | 23.4469 | 24.9375 |
| 2009 | 6     | 3   | 4    | 42     | 59     | 0.3       | 3.6     | 1.23  | 86.6      | 23.4469 | 25.3499 |
| 2009 | 6     | 3   | 4    | 52     | 59     | 0.3       | 3.6     | 1.24  | 87.1      | 23.4696 | 25.5815 |
| 2009 | 6     | 3   | 5    | 2      | 59     | 0.3       | 3.6     | 1.24  | 89.1      | 23.4696 | 25.788  |
| 2009 | 6     | 3   | 5    | 12     | 59     | 0.3       | 3.6     | 1.25  | 87.6      | 23.4696 | 25.9256 |
| 2009 | 6     | 3   | 5    | 22     | 59     | 0.3       | 3.6     | 1.22  | 87.1      | 23.4696 | 25.2375 |
| 2009 | 6     | 3   | 5    | 32     | 59     | 0.3       | 3.6     | 1.23  | 87.1      | 23.4922 | 25.4692 |
| 2009 | 6     | 3   | 5    | 42     | 59     | 0.3       | 3.6     | 1.26  | 88.4      | 23.5148 | 26.184  |
| 2009 | 6     | 3   | 5    | 52     | 59     | 0.3       | 3.6     | 1.23  | 87.4      | 23.5148 | 25.4255 |
| 2009 | 6     | 3   | 6    | 2      | 59     | 0.3       | 3.6     | 1.26  | 86.3      | 23.5148 | 26.184  |
| 2009 | 6     | 3   | 6    | 12     | 59     | 0.3       | 3.6     | 1.21  | 88        | 23.5148 | 25.1498 |
| 2009 | 6     | 3   | 6    | 22     | 59     | 0.3       | 3.6     | 1.24  | 87        | 23.5148 | 25.6324 |
| 2009 | 6     | 3   | 6    | 32     | 59     | 0.3       | 3.6     | 1.24  | 87.4      | 23.5374 | 25.7958 |
| 2009 | 6     | 3   | 6    | 42     | 59     | 0.3       | 3.6     | 1.23  | 87.6      | 23.5374 | 25.6578 |
| 2009 | 6     | 3   | 6    | 52     | 59     | 0.3       | 3.6     | 1.26  | 90.1      | 23.5374 | 26.21   |
| 2009 | 6     | 3   | 7    | 2      | 59     | 0.3       | 3.6     | 1.22  | 88.1      | 23.5374 | 25.3127 |
| 2009 | 6     | 3   | 7    | 12     | 59     | 0.3       | 3.6     | 1.22  | 88.3      | 23.5374 | 25.4507 |
| 2009 | 6     | 3   | 7    | 22     | 59     | 0.3       | 3.6     | 1.22  | 90.2      | 23.5374 | 25.4507 |
| 2009 | 6     | 3   | 7    | 32     | 59     | 0.3       | 3.6     | 1.28  | 87.8      | 23.5374 | 26.6932 |
| 2009 | 6     | 3   | 7    | 42     | 59     | 0.3       | 3.6     | 1.23  | 86.9      | 23.5374 | 25.5197 |
| 2009 | 6     | 3   | 7    | 52     | 59     | 0.3       | 3.6     | 1.23  | 88.3      | 23.56   | 25.545  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 3   | 8    | 2      | 59     | 0.3       | 3.6     | 1.24  | 89.5      | 23.56   | 25.8213 |
| 2009 | 6     | 3   | 8    | 12     | 59     | 0.3       | 3.6     | 1.25  | 88.3      | 23.56   | 26.0286 |
| 2009 | 6     | 3   | 8    | 22     | 59     | 0.3       | 3.6     | 1.24  | 87.7      | 23.56   | 25.8213 |
| 2009 | 6     | 3   | 8    | 32     | 59     | 0.3       | 3.6     | 1.22  | 86.4      | 23.56   | 25.2687 |
| 2009 | 6     | 3   | 8    | 42     | 59     | 0.3       | 3.6     | 1.26  | 88.2      | 23.56   | 26.305  |
| 2009 | 6     | 3   | 8    | 52     | 59     | 0.3       | 3.6     | 1.23  | 88.2      | 23.56   | 25.545  |
| 2009 | 6     | 3   | 9    | 2      | 59     | 0.3       | 3.6     | 1.18  | 89        | 23.56   | 24.5781 |
| 2009 | 6     | 3   | 9    | 12     | 59     | 0.3       | 3.6     | 1.26  | 87.8      | 23.5826 | 26.1927 |
| 2009 | 6     | 3   | 9    | 22     | 59     | 0.3       | 3.6     | 1.25  | 86.5      | 23.5826 | 25.916  |
| 2009 | 6     | 3   | 9    | 32     | 59     | 0.3       | 3.6     | 1.25  | 85.9      | 23.5826 | 26.0544 |
| 2009 | 6     | 3   | 9    | 42     | 59     | 0.3       | 3.6     | 1.25  | 87        | 23.5826 | 26.0544 |
| 2009 | 6     | 3   | 9    | 52     | 59     | 0.3       | 3.6     | 1.23  | 85.4      | 23.5826 | 25.5703 |
| 2009 | 6     | 3   | 10   | 2      | 59     | 0.3       | 3.6     | 1.23  | 87.6      | 23.5826 | 25.7086 |
| 2009 | 6     | 3   | 10   | 12     | 59     | 0.3       | 3.6     | 1.24  | 88.9      | 23.5826 | 25.8469 |
| 2009 | 6     | 3   | 10   | 22     | 59     | 0.3       | 3.6     | 1.26  | 88.1      | 23.5826 | 26.1927 |
| 2009 | 6     | 3   | 10   | 32     | 59     | 0.3       | 3.6     | 1.24  | 87        | 23.5826 | 25.8469 |
| 2009 | 6     | 3   | 10   | 42     | 59     | 0.3       | 3.6     | 1.25  | 87        | 23.5826 | 25.916  |
| 2009 | 6     | 3   | 10   | 52     | 59     | 0.3       | 3.6     | 1.23  | 87.7      | 23.5826 | 25.6394 |
| 2009 | 6     | 3   | 11   | 2      | 59     | 0.3       | 3.6     | 1.23  | 88.9      | 23.5826 | 25.5703 |
| 2009 | 6     | 3   | 11   | 12     | 59     | 0.3       | 3.6     | 1.29  | 89.3      | 23.6052 | 26.9803 |
| 2009 | 6     | 3   | 11   | 22     | 59     | 0.3       | 3.6     | 1.27  | 88.1      | 23.6052 | 26.5648 |
| 2009 | 6     | 3   | 11   | 32     | 59     | 0.3       | 3.6     | 1.28  | 88.7      | 23.5826 | 26.6077 |
| 2009 | 6     | 3   | 11   | 42     | 59     | 0.3       | 3.6     | 1.24  | 88        | 23.6052 | 25.8724 |
| 2009 | 6     | 3   | 11   | 52     | 59     | 0.3       | 3.6     | 1.27  | 87.6      | 23.6052 | 26.5648 |
| 2009 | 6     | 3   | 12   | 2      | 59     | 0.3       | 3.6     | 1.26  | 89.9      | 23.6052 | 26.2878 |
| 2009 | 6     | 3   | 12   | 12     | 59     | 0.3       | 3.6     | 1.29  | 90.4      | 23.6052 | 26.8418 |
| 2009 | 6     | 3   | 12   | 22     | 59     | 0.3       | 3.6     | 1.28  | 88.4      | 23.6052 | 26.7033 |
| 2009 | 6     | 3   | 12   | 32     | 59     | 0.3       | 3.6     | 1.25  | 88.1      | 23.6052 | 26.1493 |
| 2009 | 6     | 3   | 12   | 42     | 59     | 0.3       | 3.6     | 1.23  | 87.6      | 23.6052 | 25.734  |
| 2009 | 6     | 3   | 12   | 52     | 59     | 0.3       | 3.6     | 1.25  | 88.5      | 23.6052 | 26.0109 |
| 2009 | 6     | 3   | 13   | 2      | 59     | 0.3       | 3.6     | 1.28  | 87.9      | 23.6278 | 26.6603 |
| 2009 | 6     | 3   | 13   | 12     | 59     | 0.3       | 3.6     | 1.24  | 86.8      | 23.6052 | 25.8032 |
| 2009 | 6     | 3   | 13   | 22     | 59     | 0.3       | 3.6     | 1.27  | 89.6      | 23.6278 | 26.5217 |
| 2009 | 6     | 3   | 13   | 32     | 59     | 0.3       | 3.6     | 1.24  | 88.3      | 23.6278 | 25.898  |
| 2009 | 6     | 3   | 13   | 42     | 59     | 0.3       | 3.6     | 1.28  | 87.8      | 23.6504 | 26.8253 |
| 2009 | 6     | 3   | 13   | 52     | 59     | 0.3       | 3.6     | 1.27  | 89.7      | 23.6504 | 26.6172 |
| 2009 | 6     | 3   | 14   | 2      | 59     | 0.3       | 3.6     | 1.22  | 86.5      | 23.6955 | 25.4881 |
| 2009 | 6     | 3   | 14   | 12     | 59     | 0.3       | 3.6     | 1.21  | 86.4      | 23.6955 | 25.3492 |
| 2009 | 6     | 3   | 14   | 22     | 59     | 0.3       | 3.6     | 1.27  | 90.1      | 23.6504 | 26.5478 |
| 2009 | 6     | 3   | 14   | 32     | 59     | 0.3       | 3.6     | 1.28  | 90        | 23.6504 | 26.6866 |
| 2009 | 6     | 3   | 14   | 42     | 59     | 0.3       | 3.6     | 1.26  | 88.8      | 23.6955 | 26.4611 |
| 2009 | 6     | 3   | 14   | 52     | 59     | 0.3       | 3.6     | 1.24  | 87.4      | 23.7181 | 26.0696 |
| 2009 | 6     | 3   | 15   | 2      | 59     | 0.3       | 3.6     | 1.28  | 86.5      | 23.7181 | 26.6958 |
| 2009 | 6     | 3   | 15   | 12     | 59     | 0.3       | 3.6     | 1.24  | 88.8      | 23.7181 | 25.9305 |
| 2009 | 6     | 3   | 15   | 22     | 59     | 0.3       | 3.6     | 1.24  | 86.5      | 23.7181 | 25.9305 |
| 2009 | 6     | 3   | 15   | 32     | 59     | 0.3       | 3.6     | 1.3   | 89.6      | 23.6955 | 27.2953 |
| 2009 | 6     | 3   | 15   | 42     | 59     | 0.3       | 3.6     | 1.24  | 87        | 23.6955 | 25.9051 |
| 2009 | 6     | 3   | 15   | 52     | 59     | 0.3       | 3.6     | 1.28  | 88.1      | 23.7181 | 26.9046 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 3   | 16   | 2      | 59     | 0.3       | 3.6     | 1.26  | 89.7      | 23.7181 | 26.4871 |
| 2009 | 6     | 3   | 16   | 12     | 59     | 0.3       | 3.6     | 1.25  | 86.1      | 23.7181 | 26.2088 |
| 2009 | 6     | 3   | 16   | 22     | 59     | 0.3       | 3.6     | 1.26  | 90        | 23.7633 | 26.3996 |
| 2009 | 6     | 3   | 16   | 32     | 59     | 0.3       | 3.6     | 1.25  | 87.3      | 23.7633 | 26.2602 |
| 2009 | 6     | 3   | 16   | 42     | 59     | 0.3       | 3.6     | 1.25  | 88.9      | 23.7633 | 26.2602 |
| 2009 | 6     | 3   | 16   | 52     | 59     | 0.3       | 3.6     | 1.26  | 86.9      | 23.7858 | 26.4953 |
| 2009 | 6     | 3   | 17   | 2      | 59     | 0.3       | 3.6     | 1.24  | 89.1      | 23.7858 | 26.1464 |
| 2009 | 6     | 3   | 17   | 12     | 59     | 0.3       | 3.6     | 1.23  | 86.5      | 23.8084 | 25.8926 |
| 2009 | 6     | 3   | 17   | 22     | 59     | 0.3       | 3.6     | 1.25  | 86.2      | 23.8084 | 26.2418 |
| 2009 | 6     | 3   | 17   | 32     | 59     | 0.3       | 3.6     | 1.21  | 86        | 23.8084 | 25.4039 |
| 2009 | 6     | 3   | 17   | 42     | 59     | 0.3       | 3.6     | 1.26  | 86.6      | 23.8084 | 26.5212 |
| 2009 | 6     | 3   | 17   | 52     | 59     | 0.3       | 3.6     | 1.27  | 86.7      | 23.8084 | 26.7308 |
| 2009 | 6     | 3   | 18   | 2      | 59     | 0.3       | 3.6     | 1.28  | 87.8      | 23.8084 | 26.8705 |
| 2009 | 6     | 3   | 18   | 12     | 59     | 0.3       | 3.6     | 1.28  | 86.9      | 23.8084 | 26.8705 |
| 2009 | 6     | 3   | 18   | 22     | 59     | 0.3       | 3.6     | 1.26  | 86.7      | 23.8084 | 26.3815 |
| 2009 | 6     | 3   | 18   | 32     | 59     | 0.3       | 3.6     | 1.26  | 89.1      | 23.8084 | 26.4513 |
| 2009 | 6     | 3   | 18   | 42     | 59     | 0.3       | 3.6     | 1.31  | 87.7      | 23.8309 | 27.666  |
| 2009 | 6     | 3   | 18   | 52     | 59     | 0.3       | 3.6     | 1.28  | 86.2      | 23.8309 | 26.9666 |
| 2009 | 6     | 3   | 19   | 2      | 59     | 0.3       | 3.6     | 1.26  | 86.6      | 23.8309 | 26.4073 |
| 2009 | 6     | 3   | 19   | 12     | 59     | 0.3       | 3.6     | 1.28  | 86.8      | 23.8309 | 26.8268 |
| 2009 | 6     | 3   | 19   | 22     | 59     | 0.3       | 3.6     | 1.27  | 86.6      | 23.8309 | 26.6869 |
| 2009 | 6     | 3   | 19   | 32     | 59     | 0.3       | 3.6     | 1.25  | 87.3      | 23.8309 | 26.3374 |
| 2009 | 6     | 3   | 19   | 42     | 59     | 0.3       | 3.6     | 1.28  | 87.1      | 23.8309 | 27.0366 |
| 2009 | 6     | 3   | 19   | 52     | 59     | 0.3       | 3.6     | 1.27  | 89.4      | 23.8309 | 26.8268 |
| 2009 | 6     | 3   | 20   | 2      | 59     | 0.3       | 3.6     | 1.22  | 86.6      | 23.8309 | 25.7083 |
| 2009 | 6     | 3   | 20   | 12     | 59     | 0.3       | 3.6     | 1.24  | 88        | 23.8309 | 26.1976 |
| 2009 | 6     | 3   | 20   | 22     | 59     | 0.3       | 3.6     | 1.27  | 86.4      | 23.8309 | 26.6869 |
| 2009 | 6     | 3   | 20   | 32     | 59     | 0.3       | 3.6     | 1.25  | 87.2      | 23.8535 | 26.4331 |
| 2009 | 6     | 3   | 20   | 42     | 59     | 0.3       | 3.6     | 1.28  | 89.6      | 23.8535 | 27.063  |
| 2009 | 6     | 3   | 20   | 52     | 59     | 0.3       | 3.6     | 1.23  | 86.5      | 23.8535 | 25.8033 |
| 2009 | 6     | 3   | 21   | 2      | 59     | 0.3       | 3.6     | 1.24  | 87.1      | 23.8535 | 26.0832 |
| 2009 | 6     | 3   | 21   | 12     | 59     | 0.3       | 3.6     | 1.24  | 87.3      | 23.8535 | 26.0132 |
| 2009 | 6     | 3   | 21   | 22     | 59     | 0.3       | 3.6     | 1.25  | 87.5      | 23.876  | 26.4588 |
| 2009 | 6     | 3   | 21   | 32     | 59     | 0.3       | 3.6     | 1.27  | 88.4      | 23.876  | 26.739  |
| 2009 | 6     | 3   | 21   | 42     | 59     | 0.3       | 3.6     | 1.27  | 88.4      | 23.876  | 26.8091 |
| 2009 | 6     | 3   | 21   | 52     | 59     | 0.3       | 3.6     | 1.24  | 86.5      | 23.8986 | 26.0639 |
| 2009 | 6     | 3   | 22   | 2      | 59     | 0.3       | 3.6     | 1.28  | 90        | 23.8986 | 27.0456 |
| 2009 | 6     | 3   | 22   | 12     | 59     | 0.3       | 3.6     | 1.27  | 89        | 23.8986 | 26.7651 |
| 2009 | 6     | 3   | 22   | 22     | 59     | 0.3       | 3.6     | 1.26  | 88.2      | 23.8986 | 26.5547 |
| 2009 | 6     | 3   | 22   | 32     | 59     | 0.3       | 3.6     | 1.28  | 87.2      | 23.9211 | 27.0719 |
| 2009 | 6     | 3   | 22   | 42     | 59     | 0.3       | 3.6     | 1.32  | 88.4      | 23.9437 | 27.8713 |
| 2009 | 6     | 3   | 22   | 52     | 59     | 0.3       | 3.6     | 1.29  | 87.5      | 23.9437 | 27.3793 |
| 2009 | 6     | 3   | 23   | 2      | 59     | 0.3       | 3.6     | 1.22  | 87.7      | 23.9437 | 25.9039 |
| 2009 | 6     | 3   | 23   | 12     | 59     | 0.3       | 3.6     | 1.29  | 89        | 23.9437 | 27.309  |
| 2009 | 6     | 3   | 23   | 22     | 59     | 0.3       | 3.6     | 1.25  | 85.3      | 23.9662 | 26.4212 |
| 2009 | 6     | 3   | 23   | 32     | 59     | 0.3       | 3.6     | 1.28  | 90        | 23.9662 | 27.0542 |
| 2009 | 6     | 3   | 23   | 42     | 59     | 0.3       | 3.6     | 1.28  | 89.9      | 23.9662 | 27.0542 |
| 2009 | 6     | 3   | 23   | 52     | 59     | 0.3       | 3.6     | 1.26  | 87.5      | 23.9662 | 26.6322 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 4   | 0    | 2      | 59     | 0.3       | 3.6     | 1.25  | 85.5      | 23.9887 | 26.4469 |
| 2009 | 6     | 4   | 0    | 12     | 59     | 0.3       | 3.6     | 1.25  | 87.4      | 23.9887 | 26.5173 |
| 2009 | 6     | 4   | 0    | 22     | 59     | 0.3       | 3.6     | 1.22  | 85.7      | 23.9887 | 25.8135 |
| 2009 | 6     | 4   | 0    | 32     | 59     | 0.3       | 3.6     | 1.28  | 88.1      | 23.9887 | 27.1508 |
| 2009 | 6     | 4   | 0    | 42     | 59     | 0.3       | 3.6     | 1.28  | 88.4      | 23.9887 | 27.0804 |
| 2009 | 6     | 4   | 0    | 52     | 59     | 0.3       | 3.6     | 1.28  | 88.4      | 23.9887 | 27.1508 |
| 2009 | 6     | 4   | 1    | 2      | 59     | 0.3       | 3.6     | 1.25  | 86.2      | 24.0112 | 26.5429 |
| 2009 | 6     | 4   | 1    | 12     | 59     | 0.3       | 3.6     | 1.28  | 86.8      | 24.0112 | 27.2476 |
| 2009 | 6     | 4   | 1    | 22     | 59     | 0.3       | 3.6     | 1.3   | 88.7      | 24.0112 | 27.6705 |
| 2009 | 6     | 4   | 1    | 32     | 59     | 0.3       | 3.6     | 1.29  | 89        | 24.0112 | 27.459  |
| 2009 | 6     | 4   | 1    | 42     | 59     | 0.3       | 3.6     | 1.27  | 86.9      | 24.0112 | 27.0362 |
| 2009 | 6     | 4   | 1    | 52     | 59     | 0.3       | 3.6     | 1.31  | 89        | 24.0112 | 27.8114 |
| 2009 | 6     | 4   | 2    | 2      | 59     | 0.3       | 3.6     | 1.27  | 88.7      | 24.0112 | 26.9657 |
| 2009 | 6     | 4   | 2    | 12     | 59     | 0.3       | 3.6     | 1.26  | 88.2      | 24.0112 | 26.7543 |
| 2009 | 6     | 4   | 2    | 22     | 59     | 0.3       | 3.6     | 1.27  | 87.8      | 24.0112 | 26.9657 |
| 2009 | 6     | 4   | 2    | 32     | 59     | 0.3       | 3.6     | 1.31  | 89.4      | 24.0112 | 27.8819 |
| 2009 | 6     | 4   | 2    | 42     | 59     | 0.3       | 3.6     | 1.27  | 89.6      | 24.0338 | 27.0623 |
| 2009 | 6     | 4   | 2    | 52     | 59     | 0.3       | 3.6     | 1.25  | 85.9      | 24.0112 | 26.402  |
| 2009 | 6     | 4   | 3    | 2      | 59     | 0.3       | 3.6     | 1.29  | 89.3      | 24.0112 | 27.3885 |
| 2009 | 6     | 4   | 3    | 12     | 59     | 0.3       | 3.6     | 1.28  | 86.9      | 24.0338 | 27.2034 |
| 2009 | 6     | 4   | 3    | 22     | 59     | 0.3       | 3.6     | 1.3   | 87.2      | 24.0338 | 27.5561 |
| 2009 | 6     | 4   | 3    | 32     | 59     | 0.3       | 3.6     | 1.3   | 87.1      | 24.0338 | 27.6972 |
| 2009 | 6     | 4   | 3    | 42     | 59     | 0.3       | 3.6     | 1.35  | 90.3      | 24.0338 | 28.6146 |
| 2009 | 6     | 4   | 3    | 52     | 59     | 0.3       | 3.6     | 1.3   | 88.1      | 24.0338 | 27.6267 |
| 2009 | 6     | 4   | 4    | 2      | 59     | 0.3       | 3.6     | 1.26  | 87.2      | 24.0563 | 26.8061 |
| 2009 | 6     | 4   | 4    | 12     | 59     | 0.3       | 3.6     | 1.29  | 89.7      | 24.0563 | 27.4415 |
| 2009 | 6     | 4   | 4    | 22     | 59     | 0.3       | 3.6     | 1.25  | 88.6      | 24.0788 | 26.62   |
| 2009 | 6     | 4   | 4    | 32     | 59     | 0.3       | 3.6     | 1.3   | 88.4      | 24.0788 | 27.7508 |
| 2009 | 6     | 4   | 4    | 42     | 59     | 0.3       | 3.6     | 1.28  | 86.6      | 24.0788 | 27.256  |
| 2009 | 6     | 4   | 4    | 52     | 59     | 0.3       | 3.6     | 1.28  | 87.6      | 24.0788 | 27.1853 |
| 2009 | 6     | 4   | 5    | 2      | 59     | 0.3       | 3.6     | 1.29  | 87.8      | 24.0788 | 27.3973 |
| 2009 | 6     | 4   | 5    | 12     | 59     | 0.3       | 3.6     | 1.28  | 87.1      | 24.1013 | 27.2822 |
| 2009 | 6     | 4   | 5    | 22     | 59     | 0.3       | 3.6     | 1.32  | 89        | 24.1238 | 28.2293 |
| 2009 | 6     | 4   | 5    | 32     | 59     | 0.3       | 3.6     | 1.28  | 88.8      | 24.1238 | 27.3794 |
| 2009 | 6     | 4   | 5    | 42     | 59     | 0.3       | 3.6     | 1.27  | 88.1      | 24.1238 | 27.167  |
| 2009 | 6     | 4   | 5    | 52     | 59     | 0.3       | 3.6     | 1.28  | 88.4      | 24.1463 | 27.4058 |
| 2009 | 6     | 4   | 6    | 2      | 59     | 0.3       | 3.6     | 1.27  | 87.8      | 24.1688 | 27.2194 |
| 2009 | 6     | 4   | 6    | 12     | 59     | 0.3       | 3.6     | 1.31  | 90.3      | 24.1688 | 28.0709 |
| 2009 | 6     | 4   | 6    | 22     | 59     | 0.3       | 3.6     | 1.26  | 89.1      | 24.1688 | 27.0066 |
| 2009 | 6     | 4   | 6    | 32     | 59     | 0.3       | 3.6     | 1.28  | 89.3      | 24.1688 | 27.4322 |
| 2009 | 6     | 4   | 6    | 42     | 59     | 0.3       | 3.6     | 1.3   | 88.3      | 24.1913 | 27.7428 |
| 2009 | 6     | 4   | 6    | 52     | 59     | 0.3       | 3.6     | 1.26  | 89        | 24.1913 | 26.9616 |
| 2009 | 6     | 4   | 7    | 2      | 59     | 0.3       | 3.6     | 1.28  | 89        | 24.1913 | 27.4587 |
| 2009 | 6     | 4   | 7    | 12     | 59     | 0.3       | 3.6     | 1.29  | 86.9      | 24.2138 | 27.6984 |
| 2009 | 6     | 4   | 7    | 22     | 59     | 0.3       | 3.6     | 1.28  | 90.1      | 24.1913 | 27.3876 |
| 2009 | 6     | 4   | 7    | 32     | 59     | 0.3       | 3.6     | 1.29  | 89.3      | 24.1913 | 27.6717 |
| 2009 | 6     | 4   | 7    | 42     | 59     | 0.3       | 3.6     | 1.32  | 88.1      | 24.2138 | 28.2672 |
| 2009 | 6     | 4   | 7    | 52     | 59     | 0.3       | 3.6     | 1.32  | 88.4      | 24.2138 | 28.2672 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 4   | 8    | 2      | 59     | 0.3       | 3.6     | 1.32  | 87.9      | 24.2138 | 28.1961 |
| 2009 | 6     | 4   | 8    | 12     | 59     | 0.3       | 3.6     | 1.3   | 88.7      | 24.2362 | 27.8673 |
| 2009 | 6     | 4   | 8    | 22     | 59     | 0.3       | 3.6     | 1.33  | 90.1      | 24.2138 | 28.4094 |
| 2009 | 6     | 4   | 8    | 32     | 59     | 0.3       | 3.6     | 1.31  | 88.7      | 24.2138 | 28.0538 |
| 2009 | 6     | 4   | 8    | 42     | 59     | 0.3       | 3.6     | 1.3   | 89.1      | 24.2362 | 27.8673 |
| 2009 | 6     | 4   | 8    | 52     | 59     | 0.3       | 3.6     | 1.3   | 88.3      | 24.2362 | 27.7961 |
| 2009 | 6     | 4   | 9    | 2      | 59     | 0.3       | 3.6     | 1.31  | 89.6      | 24.2362 | 28.0808 |
| 2009 | 6     | 4   | 9    | 12     | 59     | 0.3       | 3.6     | 1.27  | 86.2      | 24.2362 | 27.2269 |
| 2009 | 6     | 4   | 9    | 22     | 59     | 0.3       | 3.6     | 1.29  | 88.5      | 24.2587 | 27.7516 |
| 2009 | 6     | 4   | 9    | 32     | 59     | 0.3       | 3.6     | 1.3   | 88.4      | 24.2587 | 27.8941 |
| 2009 | 6     | 4   | 9    | 42     | 59     | 0.3       | 3.6     | 1.31  | 90.4      | 24.2587 | 28.1078 |
| 2009 | 6     | 4   | 9    | 52     | 59     | 0.3       | 3.6     | 1.28  | 89.1      | 24.2812 | 27.4217 |
| 2009 | 6     | 4   | 10   | 2      | 59     | 0.3       | 3.6     | 1.3   | 87.3      | 24.2812 | 27.9208 |
| 2009 | 6     | 4   | 10   | 12     | 59     | 0.3       | 3.6     | 1.32  | 89        | 24.2812 | 28.3486 |
| 2009 | 6     | 4   | 10   | 22     | 59     | 0.3       | 3.6     | 1.32  | 88.3      | 24.2812 | 28.2773 |
| 2009 | 6     | 4   | 10   | 32     | 59     | 0.3       | 3.6     | 1.31  | 89.6      | 24.2812 | 28.1347 |
| 2009 | 6     | 4   | 10   | 42     | 59     | 0.3       | 3.6     | 1.32  | 87.4      | 24.3036 | 28.3044 |
| 2009 | 6     | 4   | 10   | 52     | 59     | 0.3       | 3.6     | 1.29  | 87.4      | 24.3036 | 27.7334 |
| 2009 | 6     | 4   | 11   | 2      | 59     | 0.3       | 3.6     | 1.35  | 89        | 24.3036 | 29.0183 |
| 2009 | 6     | 4   | 11   | 12     | 59     | 0.3       | 3.6     | 1.33  | 89.9      | 24.3036 | 28.59   |
| 2009 | 6     | 4   | 11   | 22     | 59     | 0.3       | 3.6     | 1.31  | 89.7      | 24.3261 | 28.1172 |
| 2009 | 6     | 4   | 11   | 32     | 59     | 0.3       | 3.6     | 1.3   | 88.1      | 24.3261 | 27.9743 |
| 2009 | 6     | 4   | 11   | 42     | 59     | 0.3       | 3.6     | 1.3   | 87.4      | 24.3486 | 27.9295 |
| 2009 | 6     | 4   | 11   | 52     | 59     | 0.3       | 3.6     | 1.31  | 90        | 24.3486 | 28.144  |
| 2009 | 6     | 4   | 12   | 2      | 59     | 0.3       | 3.6     | 1.28  | 89.1      | 24.3486 | 27.6435 |
| 2009 | 6     | 4   | 12   | 12     | 59     | 0.3       | 3.6     | 1.31  | 87.1      | 24.371  | 28.2425 |
| 2009 | 6     | 4   | 12   | 22     | 59     | 0.3       | 3.6     | 1.32  | 89        | 24.371  | 28.5288 |
| 2009 | 6     | 4   | 12   | 32     | 59     | 0.3       | 3.6     | 1.35  | 88.7      | 24.371  | 29.03   |
| 2009 | 6     | 4   | 12   | 42     | 59     | 0.3       | 3.6     | 1.33  | 87.3      | 24.371  | 28.6004 |
| 2009 | 6     | 4   | 12   | 52     | 59     | 0.3       | 3.6     | 1.31  | 89.9      | 24.371  | 28.2425 |
| 2009 | 6     | 4   | 13   | 2      | 59     | 0.3       | 3.6     | 1.32  | 91.1      | 24.4159 | 28.5115 |
| 2009 | 6     | 4   | 13   | 12     | 59     | 0.3       | 3.6     | 1.31  | 89.3      | 24.3935 | 28.1978 |
| 2009 | 6     | 4   | 13   | 22     | 59     | 0.3       | 3.6     | 1.31  | 87.7      | 24.4159 | 28.3681 |
| 2009 | 6     | 4   | 13   | 32     | 59     | 0.3       | 3.6     | 1.33  | 88.3      | 24.4159 | 28.7984 |
| 2009 | 6     | 4   | 13   | 42     | 59     | 0.3       | 3.6     | 1.31  | 89        | 24.4608 | 28.3502 |
| 2009 | 6     | 4   | 13   | 52     | 59     | 0.3       | 3.6     | 1.33  | 90.1      | 24.4383 | 28.6822 |
| 2009 | 6     | 4   | 14   | 2      | 59     | 0.3       | 3.6     | 1.32  | 88.2      | 24.4608 | 28.6376 |
| 2009 | 6     | 4   | 14   | 12     | 59     | 0.3       | 3.6     | 1.34  | 88.5      | 24.4608 | 28.9251 |
| 2009 | 6     | 4   | 14   | 22     | 59     | 0.3       | 3.6     | 1.29  | 87.7      | 24.4832 | 27.8737 |
| 2009 | 6     | 4   | 14   | 32     | 59     | 0.3       | 3.6     | 1.32  | 88.2      | 24.5056 | 28.692  |
| 2009 | 6     | 4   | 14   | 42     | 59     | 0.3       | 3.6     | 1.3   | 91        | 24.4832 | 28.1613 |
| 2009 | 6     | 4   | 14   | 52     | 59     | 0.3       | 3.6     | 1.31  | 88.4      | 24.528  | 28.503  |
| 2009 | 6     | 4   | 15   | 2      | 59     | 0.3       | 3.6     | 1.28  | 87.7      | 24.528  | 27.8545 |
| 2009 | 6     | 4   | 15   | 12     | 59     | 0.3       | 3.6     | 1.31  | 86.9      | 24.528  | 28.503  |
| 2009 | 6     | 4   | 15   | 22     | 59     | 0.3       | 3.6     | 1.33  | 87.9      | 24.528  | 28.7912 |
| 2009 | 6     | 4   | 15   | 32     | 59     | 0.3       | 3.6     | 1.32  | 89.6      | 24.5505 | 28.7463 |
| 2009 | 6     | 4   | 15   | 42     | 59     | 0.3       | 3.6     | 1.32  | 86.5      | 24.528  | 28.7192 |
| 2009 | 6     | 4   | 15   | 52     | 59     | 0.3       | 3.6     | 1.35  | 88.9      | 24.5505 | 29.2513 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 4   | 16   | 2      | 59     | 0.3       | 3.6     | 1.29  | 88.8      | 24.5505 | 28.0972 |
| 2009 | 6     | 4   | 16   | 12     | 59     | 0.3       | 3.6     | 1.29  | 87.8      | 24.5505 | 27.953  |
| 2009 | 6     | 4   | 16   | 22     | 59     | 0.3       | 3.6     | 1.31  | 86.3      | 24.5729 | 28.4847 |
| 2009 | 6     | 4   | 16   | 32     | 59     | 0.3       | 3.6     | 1.28  | 87.8      | 24.5953 | 27.9336 |
| 2009 | 6     | 4   | 16   | 42     | 59     | 0.3       | 3.6     | 1.34  | 89.4      | 24.5953 | 29.1621 |
| 2009 | 6     | 4   | 16   | 52     | 59     | 0.3       | 3.6     | 1.26  | 87        | 24.6177 | 27.5261 |
| 2009 | 6     | 4   | 17   | 2      | 59     | 0.3       | 3.6     | 1.29  | 87.5      | 24.5953 | 28.0781 |
| 2009 | 6     | 4   | 17   | 12     | 59     | 0.3       | 3.6     | 1.33  | 89.1      | 24.6177 | 28.9002 |
| 2009 | 6     | 4   | 17   | 22     | 59     | 0.3       | 3.6     | 1.32  | 89        | 24.6177 | 28.7555 |
| 2009 | 6     | 4   | 17   | 32     | 59     | 0.3       | 3.6     | 1.32  | 88.3      | 24.6401 | 28.7102 |
| 2009 | 6     | 4   | 17   | 42     | 59     | 0.3       | 3.6     | 1.33  | 88        | 24.6401 | 29.0722 |
| 2009 | 6     | 4   | 17   | 52     | 59     | 0.3       | 3.6     | 1.3   | 88.7      | 24.6401 | 28.2758 |
| 2009 | 6     | 4   | 18   | 2      | 59     | 0.3       | 3.6     | 1.33  | 86.9      | 24.6624 | 29.0996 |
| 2009 | 6     | 4   | 18   | 12     | 59     | 0.3       | 3.6     | 1.33  | 87.7      | 24.6624 | 29.0996 |
| 2009 | 6     | 4   | 18   | 22     | 59     | 0.3       | 3.6     | 1.36  | 85.4      | 24.6848 | 29.7074 |
| 2009 | 6     | 4   | 18   | 32     | 59     | 0.3       | 3.6     | 1.32  | 88.2      | 24.7072 | 28.9365 |
| 2009 | 6     | 4   | 18   | 42     | 59     | 0.3       | 3.6     | 1.34  | 87.8      | 24.6848 | 29.2721 |
| 2009 | 6     | 4   | 18   | 52     | 59     | 0.3       | 3.6     | 1.34  | 86.1      | 24.7072 | 29.1543 |
| 2009 | 6     | 4   | 19   | 2      | 59     | 0.3       | 3.6     | 1.29  | 86.2      | 24.7072 | 28.2105 |
| 2009 | 6     | 4   | 19   | 12     | 59     | 0.3       | 3.6     | 1.32  | 87        | 24.7296 | 28.9636 |
| 2009 | 6     | 4   | 19   | 22     | 59     | 0.3       | 3.6     | 1.29  | 87.7      | 24.752  | 28.1907 |
| 2009 | 6     | 4   | 19   | 32     | 59     | 0.3       | 3.6     | 1.33  | 88        | 24.7743 | 29.0907 |
| 2009 | 6     | 4   | 19   | 42     | 59     | 0.3       | 3.6     | 1.32  | 87.3      | 24.752  | 28.918  |
| 2009 | 6     | 4   | 19   | 52     | 59     | 0.3       | 3.6     | 1.35  | 89.6      | 24.7743 | 29.5276 |
| 2009 | 6     | 4   | 20   | 2      | 59     | 0.3       | 3.6     | 1.36  | 89.6      | 24.7743 | 29.9646 |
| 2009 | 6     | 4   | 20   | 12     | 59     | 0.3       | 3.6     | 1.34  | 89.3      | 24.7967 | 29.4823 |
| 2009 | 6     | 4   | 20   | 22     | 59     | 0.3       | 3.6     | 1.34  | 89.6      | 24.7967 | 29.3366 |
| 2009 | 6     | 4   | 20   | 32     | 59     | 0.3       | 3.6     | 1.34  | 89.3      | 24.7967 | 29.4094 |
| 2009 | 6     | 4   | 20   | 42     | 59     | 0.3       | 3.6     | 1.32  | 87.9      | 24.819  | 28.9262 |
| 2009 | 6     | 4   | 20   | 52     | 59     | 0.3       | 3.6     | 1.35  | 86.7      | 24.819  | 29.6558 |
| 2009 | 6     | 4   | 21   | 2      | 59     | 0.3       | 3.6     | 1.31  | 86.4      | 24.819  | 28.8533 |
| 2009 | 6     | 4   | 21   | 12     | 59     | 0.3       | 3.6     | 1.32  | 87.7      | 24.819  | 28.9262 |
| 2009 | 6     | 4   | 21   | 22     | 59     | 0.3       | 3.6     | 1.35  | 88.1      | 24.819  | 29.7288 |
| 2009 | 6     | 4   | 21   | 32     | 59     | 0.3       | 3.6     | 1.35  | 88.9      | 24.8414 | 29.7565 |
| 2009 | 6     | 4   | 21   | 42     | 59     | 0.3       | 3.6     | 1.34  | 90.4      | 24.8414 | 29.3913 |
| 2009 | 6     | 4   | 21   | 52     | 59     | 0.3       | 3.6     | 1.36  | 88.2      | 24.8637 | 29.9304 |
| 2009 | 6     | 4   | 22   | 2      | 59     | 0.3       | 3.6     | 1.35  | 87.9      | 24.8637 | 29.638  |
| 2009 | 6     | 4   | 22   | 12     | 59     | 0.3       | 3.6     | 1.31  | 86.7      | 24.8637 | 28.761  |
| 2009 | 6     | 4   | 22   | 22     | 59     | 0.3       | 3.6     | 1.39  | 87.7      | 24.8637 | 30.5885 |
| 2009 | 6     | 4   | 22   | 32     | 59     | 0.3       | 3.6     | 1.35  | 89.2      | 24.8861 | 29.6656 |
| 2009 | 6     | 4   | 22   | 42     | 59     | 0.3       | 3.6     | 1.36  | 89.6      | 24.8861 | 30.1047 |
| 2009 | 6     | 4   | 22   | 52     | 59     | 0.3       | 3.6     | 1.33  | 87.9      | 24.9084 | 29.4003 |
| 2009 | 6     | 4   | 23   | 2      | 59     | 0.3       | 3.6     | 1.35  | 88        | 24.9307 | 29.7208 |
| 2009 | 6     | 4   | 23   | 12     | 59     | 0.3       | 3.6     | 1.37  | 90.5      | 24.9307 | 30.3806 |
| 2009 | 6     | 4   | 23   | 22     | 59     | 0.3       | 3.6     | 1.32  | 89        | 24.9531 | 29.0881 |
| 2009 | 6     | 4   | 23   | 32     | 59     | 0.3       | 3.6     | 1.37  | 89.3      | 24.9754 | 30.437  |
| 2009 | 6     | 4   | 23   | 42     | 59     | 0.3       | 3.6     | 1.38  | 90.1      | 24.9754 | 30.5839 |
| 2009 | 6     | 4   | 23   | 52     | 59     | 0.3       | 3.6     | 1.39  | 87.4      | 24.9977 | 30.6857 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 5   | 0    | 2      | 59     | 0.3       | 3.6     | 1.37  | 88.9      | 24.9977 | 30.4651 |
| 2009 | 6     | 5   | 0    | 12     | 59     | 0.3       | 3.6     | 1.35  | 89.2      | 25.02   | 29.9782 |
| 2009 | 6     | 5   | 0    | 22     | 59     | 0.3       | 3.6     | 1.36  | 89.6      | 25.02   | 30.1989 |
| 2009 | 6     | 5   | 0    | 32     | 59     | 0.3       | 3.6     | 1.33  | 87        | 25.0423 | 29.564  |
| 2009 | 6     | 5   | 0    | 42     | 59     | 0.3       | 3.6     | 1.37  | 87.5      | 25.0423 | 30.4478 |
| 2009 | 6     | 5   | 0    | 52     | 59     | 0.3       | 3.6     | 1.37  | 87.9      | 25.0646 | 30.4022 |
| 2009 | 6     | 5   | 1    | 2      | 59     | 0.3       | 3.6     | 1.36  | 90.4      | 25.0646 | 30.3284 |
| 2009 | 6     | 5   | 1    | 12     | 59     | 0.3       | 3.6     | 1.36  | 89.6      | 25.0646 | 30.2547 |
| 2009 | 6     | 5   | 1    | 22     | 59     | 0.3       | 3.6     | 1.36  | 89.6      | 25.0869 | 30.135  |
| 2009 | 6     | 5   | 1    | 32     | 59     | 0.3       | 3.6     | 1.38  | 90        | 25.0869 | 30.6516 |
| 2009 | 6     | 5   | 1    | 42     | 59     | 0.3       | 3.6     | 1.35  | 87.5      | 25.0869 | 29.9875 |
| 2009 | 6     | 5   | 1    | 52     | 59     | 0.3       | 3.6     | 1.37  | 89.5      | 25.1092 | 30.5321 |
| 2009 | 6     | 5   | 2    | 2      | 59     | 0.3       | 3.6     | 1.37  | 88.9      | 25.1092 | 30.4582 |
| 2009 | 6     | 5   | 2    | 12     | 59     | 0.3       | 3.6     | 1.36  | 87.7      | 25.1092 | 30.3105 |
| 2009 | 6     | 5   | 2    | 22     | 59     | 0.3       | 3.6     | 1.38  | 88.6      | 25.1315 | 30.8559 |
| 2009 | 6     | 5   | 2    | 32     | 59     | 0.3       | 3.9     | 1.32  | 90        | 25.1537 | 29.4045 |
| 2009 | 6     | 5   | 2    | 42     | 59     | 0.3       | 3.9     | 1.37  | 88.2      | 25.1537 | 30.5882 |
| 2009 | 6     | 5   | 2    | 52     | 59     | 0.3       | 3.9     | 1.32  | 88.7      | 25.176  | 29.5055 |
| 2009 | 6     | 5   | 3    | 2      | 59     | 0.3       | 3.9     | 1.37  | 89.6      | 25.1983 | 30.7185 |
| 2009 | 6     | 5   | 3    | 12     | 59     | 0.3       | 3.9     | 1.39  | 90        | 25.176  | 31.1348 |
| 2009 | 6     | 5   | 3    | 22     | 59     | 0.3       | 3.9     | 1.4   | 89.6      | 25.1983 | 31.2375 |
| 2009 | 6     | 5   | 3    | 32     | 59     | 0.3       | 3.9     | 1.38  | 89        | 25.2428 | 30.9975 |
| 2009 | 6     | 5   | 3    | 42     | 59     | 0.3       | 3.9     | 1.38  | 89.6      | 25.2428 | 30.9233 |
| 2009 | 6     | 5   | 3    | 52     | 59     | 0.3       | 3.9     | 1.41  | 89.1      | 25.265  | 31.5463 |
| 2009 | 6     | 5   | 4    | 2      | 59     | 0.3       | 3.9     | 1.41  | 90        | 25.265  | 31.5463 |
| 2009 | 6     | 5   | 4    | 12     | 59     | 0.3       | 3.9     | 1.37  | 88.5      | 25.265  | 30.6541 |
| 2009 | 6     | 5   | 4    | 22     | 59     | 0.3       | 3.9     | 1.38  | 89.6      | 25.2873 | 31.0542 |
| 2009 | 6     | 5   | 4    | 32     | 59     | 0.3       | 3.9     | 1.31  | 86.9      | 25.2873 | 29.4175 |
| 2009 | 6     | 5   | 4    | 42     | 59     | 0.3       | 3.9     | 1.37  | 87.9      | 25.2873 | 30.6821 |
| 2009 | 6     | 5   | 4    | 52     | 59     | 0.3       | 3.9     | 1.39  | 90        | 25.2873 | 31.2774 |
| 2009 | 6     | 5   | 5    | 2      | 59     | 0.3       | 3.9     | 1.41  | 89.1      | 25.3095 | 31.6039 |
| 2009 | 6     | 5   | 5    | 12     | 59     | 0.3       | 3.9     | 1.35  | 86.9      | 25.3095 | 30.1888 |
| 2009 | 6     | 5   | 5    | 22     | 59     | 0.3       | 3.9     | 1.37  | 85.2      | 25.3095 | 30.5611 |
| 2009 | 6     | 5   | 5    | 32     | 59     | 0.3       | 3.9     | 1.38  | 89.5      | 25.3317 | 31.0362 |
| 2009 | 6     | 5   | 5    | 42     | 59     | 0.3       | 3.9     | 1.34  | 86.5      | 25.3317 | 30.1418 |
| 2009 | 6     | 5   | 5    | 52     | 59     | 0.3       | 3.9     | 1.39  | 88.7      | 25.3317 | 31.3344 |
| 2009 | 6     | 5   | 6    | 2      | 59     | 0.3       | 3.9     | 1.4   | 87.4      | 25.3317 | 31.409  |
| 2009 | 6     | 5   | 6    | 12     | 59     | 0.3       | 3.9     | 1.4   | 87.7      | 25.3317 | 31.3344 |
| 2009 | 6     | 5   | 6    | 22     | 59     | 0.3       | 3.9     | 1.35  | 88.6      | 25.3762 | 30.2713 |
| 2009 | 6     | 5   | 6    | 32     | 59     | 0.3       | 3.9     | 1.39  | 88.4      | 25.3762 | 31.3914 |
| 2009 | 6     | 5   | 6    | 42     | 59     | 0.3       | 3.9     | 1.39  | 90        | 25.3762 | 31.3167 |
| 2009 | 6     | 5   | 6    | 52     | 59     | 0.3       | 3.9     | 1.4   | 88.1      | 25.3984 | 31.5694 |
| 2009 | 6     | 5   | 7    | 2      | 59     | 0.3       | 3.9     | 1.42  | 88.9      | 25.4206 | 32.1219 |
| 2009 | 6     | 5   | 7    | 12     | 59     | 0.3       | 3.9     | 1.38  | 88.2      | 25.4206 | 31.1491 |
| 2009 | 6     | 5   | 7    | 22     | 59     | 0.3       | 3.9     | 1.38  | 88.6      | 25.4428 | 31.1024 |
| 2009 | 6     | 5   | 7    | 32     | 59     | 0.3       | 3.9     | 1.37  | 87.1      | 25.4872 | 30.8586 |
| 2009 | 6     | 5   | 7    | 42     | 59     | 0.3       | 3.9     | 1.38  | 87.5      | 25.4872 | 31.1587 |
| 2009 | 6     | 5   | 7    | 52     | 59     | 0.3       | 3.9     | 1.39  | 88.4      | 25.4872 | 31.3087 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 5   | 8    | 2      | 59     | 0.3       | 3.9     | 1.39  | 88.6      | 25.4872 | 31.4588 |
| 2009 | 6     | 5   | 8    | 12     | 59     | 0.3       | 3.9     | 1.38  | 89        | 25.5094 | 31.337  |
| 2009 | 6     | 5   | 8    | 22     | 59     | 0.3       | 3.9     | 1.39  | 88.8      | 25.5094 | 31.4872 |
| 2009 | 6     | 5   | 8    | 32     | 59     | 0.3       | 3.9     | 1.38  | 88.4      | 25.5094 | 31.1868 |
| 2009 | 6     | 5   | 8    | 42     | 59     | 0.3       | 3.9     | 1.41  | 88.4      | 25.5316 | 31.9666 |
| 2009 | 6     | 5   | 8    | 52     | 59     | 0.3       | 3.9     | 1.39  | 90.9      | 25.5316 | 31.5156 |
| 2009 | 6     | 5   | 9    | 2      | 59     | 0.3       | 3.9     | 1.4   | 90        | 25.5538 | 31.7696 |
| 2009 | 6     | 5   | 9    | 12     | 59     | 0.3       | 3.9     | 1.37  | 88.4      | 25.5316 | 30.9895 |
| 2009 | 6     | 5   | 9    | 22     | 59     | 0.3       | 3.9     | 1.41  | 89.2      | 25.5538 | 31.9201 |
| 2009 | 6     | 5   | 9    | 32     | 59     | 0.3       | 3.9     | 1.41  | 89.3      | 25.5538 | 31.9201 |
| 2009 | 6     | 5   | 9    | 42     | 59     | 0.3       | 3.9     | 1.42  | 88.7      | 25.5759 | 32.1747 |
| 2009 | 6     | 5   | 9    | 52     | 59     | 0.3       | 3.9     | 1.43  | 89.6      | 25.5759 | 32.5513 |
| 2009 | 6     | 5   | 10   | 2      | 59     | 0.3       | 3.9     | 1.42  | 89.5      | 25.5981 | 32.2037 |
| 2009 | 6     | 5   | 10   | 12     | 59     | 0.3       | 3.9     | 1.43  | 88.6      | 25.5981 | 32.5052 |
| 2009 | 6     | 5   | 10   | 22     | 59     | 0.3       | 3.9     | 1.4   | 88.7      | 25.5981 | 31.9021 |
| 2009 | 6     | 5   | 10   | 32     | 59     | 0.3       | 3.9     | 1.42  | 89.7      | 25.5981 | 32.279  |
| 2009 | 6     | 5   | 10   | 42     | 59     | 0.3       | 3.9     | 1.4   | 88.7      | 25.5981 | 31.7514 |
| 2009 | 6     | 5   | 10   | 52     | 59     | 0.3       | 3.9     | 1.4   | 87.4      | 25.6202 | 31.7799 |
| 2009 | 6     | 5   | 11   | 2      | 59     | 0.3       | 3.9     | 1.42  | 88        | 25.6202 | 32.2326 |
| 2009 | 6     | 5   | 11   | 12     | 59     | 0.3       | 3.9     | 1.39  | 88.4      | 25.6202 | 31.629  |
| 2009 | 6     | 5   | 11   | 22     | 59     | 0.3       | 3.9     | 1.39  | 87.3      | 25.6424 | 31.6574 |
| 2009 | 6     | 5   | 11   | 32     | 59     | 0.3       | 3.9     | 1.42  | 88.4      | 25.6424 | 32.4125 |
| 2009 | 6     | 5   | 11   | 42     | 59     | 0.3       | 3.9     | 1.42  | 87.9      | 25.6645 | 32.2148 |
| 2009 | 6     | 5   | 11   | 52     | 59     | 0.3       | 3.9     | 1.42  | 88.5      | 25.6645 | 32.3659 |
| 2009 | 6     | 5   | 12   | 2      | 59     | 0.3       | 3.9     | 1.39  | 88.8      | 25.6645 | 31.7613 |
| 2009 | 6     | 5   | 12   | 12     | 59     | 0.3       | 3.9     | 1.44  | 89.7      | 25.6645 | 32.7439 |
| 2009 | 6     | 5   | 12   | 22     | 59     | 0.3       | 3.9     | 1.41  | 88.1      | 25.6867 | 32.0923 |
| 2009 | 6     | 5   | 12   | 32     | 59     | 0.3       | 3.9     | 1.41  | 88.7      | 25.6867 | 32.2436 |
| 2009 | 6     | 5   | 12   | 42     | 59     | 0.3       | 3.9     | 1.41  | 88.7      | 25.6867 | 32.1679 |
| 2009 | 6     | 5   | 12   | 52     | 59     | 0.3       | 3.9     | 1.41  | 87.2      | 25.7088 | 32.121  |
| 2009 | 6     | 5   | 13   | 2      | 59     | 0.3       | 3.9     | 1.4   | 89.7      | 25.7088 | 31.8939 |
| 2009 | 6     | 5   | 13   | 12     | 59     | 0.3       | 3.9     | 1.37  | 87.4      | 25.7531 | 31.1925 |
| 2009 | 6     | 5   | 13   | 22     | 59     | 0.3       | 3.9     | 1.38  | 87.7      | 25.7531 | 31.4958 |
| 2009 | 6     | 5   | 13   | 32     | 59     | 0.3       | 3.9     | 1.35  | 87.9      | 25.7752 | 30.9167 |
| 2009 | 6     | 5   | 13   | 42     | 59     | 0.3       | 3.9     | 1.42  | 89.3      | 25.7752 | 32.4347 |
| 2009 | 6     | 5   | 13   | 52     | 59     | 0.3       | 3.9     | 1.47  | 90        | 25.7752 | 33.6497 |
| 2009 | 6     | 5   | 14   | 2      | 59     | 0.3       | 3.9     | 1.4   | 86.1      | 25.7973 | 32.0837 |
| 2009 | 6     | 5   | 14   | 12     | 59     | 0.3       | 3.9     | 1.43  | 89.5      | 25.7973 | 32.7676 |
| 2009 | 6     | 5   | 14   | 22     | 59     | 0.3       | 3.9     | 1.44  | 87.9      | 25.8194 | 33.1009 |
| 2009 | 6     | 5   | 14   | 32     | 59     | 0.3       | 3.9     | 1.37  | 89.5      | 25.8194 | 31.5039 |
| 2009 | 6     | 5   | 14   | 42     | 59     | 0.3       | 3.9     | 1.42  | 86.8      | 25.8415 | 32.5213 |
| 2009 | 6     | 5   | 14   | 52     | 59     | 0.3       | 3.9     | 1.43  | 89.1      | 25.8415 | 32.7497 |
| 2009 | 6     | 5   | 15   | 2      | 59     | 0.3       | 3.9     | 1.42  | 87.9      | 25.8636 | 32.5501 |
| 2009 | 6     | 5   | 15   | 12     | 59     | 0.3       | 3.9     | 1.47  | 89.6      | 25.8415 | 33.7395 |
| 2009 | 6     | 5   | 15   | 22     | 59     | 0.3       | 3.9     | 1.36  | 88.1      | 25.8857 | 31.2066 |
| 2009 | 6     | 5   | 15   | 32     | 59     | 0.3       | 3.9     | 1.46  | 89        | 25.8857 | 33.5705 |
| 2009 | 6     | 5   | 15   | 42     | 59     | 0.3       | 3.9     | 1.43  | 90.1      | 25.8857 | 32.884  |
| 2009 | 6     | 5   | 15   | 52     | 59     | 0.3       | 3.9     | 1.42  | 87.4      | 25.8857 | 32.6552 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 5   | 16   | 2      | 59     | 0.3       | 3.9     | 1.43  | 87.1      | 25.9078 | 32.8368 |
| 2009 | 6     | 5   | 16   | 12     | 59     | 0.3       | 3.9     | 1.4   | 88.1      | 25.9078 | 32.1499 |
| 2009 | 6     | 5   | 16   | 22     | 59     | 0.3       | 3.9     | 1.43  | 88.8      | 25.9298 | 32.8658 |
| 2009 | 6     | 5   | 16   | 32     | 59     | 0.3       | 3.9     | 1.46  | 86.8      | 25.9078 | 33.4475 |
| 2009 | 6     | 5   | 16   | 42     | 59     | 0.3       | 3.9     | 1.43  | 88.8      | 25.9298 | 32.9422 |
| 2009 | 6     | 5   | 16   | 52     | 59     | 0.3       | 3.9     | 1.43  | 87.6      | 25.9298 | 32.8658 |
| 2009 | 6     | 5   | 17   | 2      | 59     | 0.3       | 3.9     | 1.39  | 89.5      | 25.9298 | 32.0255 |
| 2009 | 6     | 5   | 17   | 12     | 59     | 0.3       | 3.9     | 1.43  | 89.3      | 25.9298 | 33.0186 |
| 2009 | 6     | 5   | 17   | 22     | 59     | 0.3       | 3.9     | 1.43  | 89.3      | 25.9298 | 32.9422 |
| 2009 | 6     | 5   | 17   | 32     | 59     | 0.3       | 3.9     | 1.41  | 88.1      | 25.9519 | 32.5125 |
| 2009 | 6     | 5   | 17   | 42     | 59     | 0.3       | 3.9     | 1.42  | 87.2      | 25.9519 | 32.7419 |
| 2009 | 6     | 5   | 17   | 52     | 59     | 0.3       | 3.9     | 1.42  | 87.4      | 25.9519 | 32.7419 |
| 2009 | 6     | 5   | 18   | 2      | 59     | 0.3       | 3.9     | 1.43  | 89.2      | 25.9519 | 32.9713 |
| 2009 | 6     | 5   | 18   | 12     | 59     | 0.3       | 3.9     | 1.46  | 89.4      | 25.974  | 33.6892 |
| 2009 | 6     | 5   | 18   | 22     | 59     | 0.3       | 3.9     | 1.45  | 87.5      | 25.974  | 33.4596 |
| 2009 | 6     | 5   | 18   | 32     | 59     | 0.3       | 3.9     | 1.45  | 88.3      | 25.996  | 33.4891 |
| 2009 | 6     | 5   | 18   | 42     | 59     | 0.3       | 3.9     | 1.44  | 89.1      | 25.996  | 33.2592 |
| 2009 | 6     | 5   | 18   | 52     | 59     | 0.3       | 3.9     | 1.47  | 89.4      | 25.996  | 33.8721 |
| 2009 | 6     | 5   | 19   | 2      | 59     | 0.3       | 3.9     | 1.44  | 90.4      | 25.996  | 33.3358 |
| 2009 | 6     | 5   | 19   | 12     | 59     | 0.3       | 3.9     | 1.45  | 88.2      | 26.0181 | 33.5952 |
| 2009 | 6     | 5   | 19   | 22     | 59     | 0.3       | 3.9     | 1.38  | 89        | 26.0401 | 31.86   |
| 2009 | 6     | 5   | 19   | 32     | 59     | 0.3       | 3.9     | 1.44  | 89.1      | 26.0621 | 33.4238 |
| 2009 | 6     | 5   | 19   | 42     | 59     | 0.3       | 3.9     | 1.44  | 88.7      | 26.0621 | 33.2702 |
| 2009 | 6     | 5   | 19   | 52     | 59     | 0.3       | 3.9     | 1.42  | 87.9      | 26.0842 | 32.7613 |
| 2009 | 6     | 5   | 20   | 2      | 59     | 0.3       | 3.9     | 1.44  | 90        | 26.0842 | 33.4531 |
| 2009 | 6     | 5   | 20   | 12     | 59     | 0.3       | 3.9     | 1.4   | 87.5      | 26.1062 | 32.4823 |
| 2009 | 6     | 5   | 20   | 22     | 59     | 0.3       | 3.9     | 1.43  | 89.6      | 26.1062 | 33.0977 |
| 2009 | 6     | 5   | 20   | 32     | 59     | 0.3       | 3.9     | 1.41  | 87.7      | 26.1282 | 32.7417 |
| 2009 | 6     | 5   | 20   | 42     | 59     | 0.3       | 3.9     | 1.37  | 85.7      | 26.1502 | 31.6917 |
| 2009 | 6     | 5   | 20   | 52     | 59     | 0.3       | 3.9     | 1.4   | 85.4      | 26.1282 | 32.4338 |
| 2009 | 6     | 5   | 21   | 2      | 59     | 0.3       | 3.9     | 1.43  | 90.4      | 26.1502 | 33.2327 |
| 2009 | 6     | 5   | 21   | 12     | 59     | 0.3       | 3.9     | 1.45  | 88.7      | 26.1502 | 33.7723 |
| 2009 | 6     | 5   | 21   | 22     | 59     | 0.3       | 3.9     | 1.44  | 89.6      | 26.1502 | 33.3869 |
| 2009 | 6     | 5   | 21   | 32     | 59     | 0.3       | 3.9     | 1.44  | 87.8      | 26.1722 | 33.4932 |
| 2009 | 6     | 5   | 21   | 42     | 59     | 0.3       | 3.9     | 1.47  | 90.6      | 26.1502 | 34.1577 |
| 2009 | 6     | 5   | 21   | 52     | 59     | 0.3       | 3.9     | 1.46  | 88.5      | 26.1722 | 33.8789 |
| 2009 | 6     | 5   | 22   | 2      | 59     | 0.3       | 3.9     | 1.4   | 89.1      | 26.1722 | 32.6447 |
| 2009 | 6     | 5   | 22   | 12     | 59     | 0.3       | 3.9     | 1.42  | 87        | 26.1942 | 33.0591 |
| 2009 | 6     | 5   | 22   | 22     | 59     | 0.3       | 3.9     | 1.41  | 88.3      | 26.1942 | 32.9048 |
| 2009 | 6     | 5   | 22   | 32     | 59     | 0.3       | 3.9     | 1.4   | 87        | 26.1942 | 32.5188 |
| 2009 | 6     | 5   | 22   | 42     | 59     | 0.3       | 3.9     | 1.42  | 87.5      | 26.1942 | 32.9819 |
| 2009 | 6     | 5   | 22   | 52     | 59     | 0.3       | 3.9     | 1.45  | 88.2      | 26.1942 | 33.6768 |
| 2009 | 6     | 5   | 23   | 2      | 59     | 0.3       | 3.9     | 1.42  | 88.8      | 26.1942 | 33.0591 |
| 2009 | 6     | 5   | 23   | 12     | 59     | 0.3       | 3.9     | 1.43  | 86.6      | 26.1942 | 33.1363 |
| 2009 | 6     | 5   | 23   | 22     | 59     | 0.3       | 3.9     | 1.43  | 87.2      | 26.2162 | 33.3198 |
| 2009 | 6     | 5   | 23   | 32     | 59     | 0.3       | 3.9     | 1.48  | 88.7      | 26.2162 | 34.5564 |
| 2009 | 6     | 5   | 23   | 42     | 59     | 0.3       | 3.9     | 1.43  | 87.5      | 26.2162 | 33.2425 |
| 2009 | 6     | 5   | 23   | 52     | 59     | 0.3       | 3.9     | 1.43  | 86.1      | 26.2162 | 33.2425 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 6   | 0    | 2      | 59     | 0.3       | 3.9     | 1.44  | 87.2      | 26.2382 | 33.4261 |
| 2009 | 6     | 6   | 0    | 12     | 59     | 0.3       | 3.9     | 1.4   | 88.1      | 26.2382 | 32.6528 |
| 2009 | 6     | 6   | 0    | 22     | 59     | 0.3       | 3.9     | 1.48  | 88.7      | 26.2382 | 34.5091 |
| 2009 | 6     | 6   | 0    | 32     | 59     | 0.3       | 3.9     | 1.45  | 89.1      | 26.2382 | 33.8128 |
| 2009 | 6     | 6   | 0    | 42     | 59     | 0.3       | 3.9     | 1.45  | 90.4      | 26.2602 | 33.8422 |
| 2009 | 6     | 6   | 0    | 52     | 59     | 0.3       | 3.9     | 1.44  | 89.6      | 26.2602 | 33.61   |
| 2009 | 6     | 6   | 1    | 2      | 59     | 0.3       | 3.9     | 1.42  | 88.4      | 26.2602 | 33.1455 |
| 2009 | 6     | 6   | 1    | 12     | 59     | 0.3       | 3.9     | 1.4   | 89.2      | 26.2602 | 32.7585 |
| 2009 | 6     | 6   | 1    | 22     | 59     | 0.3       | 3.9     | 1.44  | 88.6      | 26.2821 | 33.7166 |
| 2009 | 6     | 6   | 1    | 32     | 59     | 0.3       | 3.9     | 1.45  | 88.6      | 26.3041 | 33.9786 |
| 2009 | 6     | 6   | 1    | 42     | 59     | 0.3       | 3.9     | 1.45  | 88.8      | 26.3261 | 33.9304 |
| 2009 | 6     | 6   | 1    | 52     | 59     | 0.3       | 3.9     | 1.41  | 89.1      | 26.3261 | 32.9991 |
| 2009 | 6     | 6   | 2    | 2      | 59     | 0.3       | 3.9     | 1.42  | 88.4      | 26.348  | 33.3383 |
| 2009 | 6     | 6   | 2    | 12     | 59     | 0.3       | 3.9     | 1.4   | 87.2      | 26.37   | 32.7453 |
| 2009 | 6     | 6   | 2    | 22     | 59     | 0.3       | 3.9     | 1.46  | 87.7      | 26.348  | 34.1928 |
| 2009 | 6     | 6   | 2    | 32     | 59     | 0.3       | 3.9     | 1.41  | 87.1      | 26.37   | 33.0562 |
| 2009 | 6     | 6   | 2    | 42     | 59     | 0.3       | 3.9     | 1.41  | 88.8      | 26.37   | 33.0562 |
| 2009 | 6     | 6   | 2    | 52     | 59     | 0.3       | 3.9     | 1.45  | 90        | 26.37   | 34.0669 |
| 2009 | 6     | 6   | 3    | 2      | 59     | 0.3       | 3.9     | 1.46  | 87.3      | 26.37   | 34.3001 |
| 2009 | 6     | 6   | 3    | 12     | 59     | 0.3       | 3.9     | 1.46  | 89.1      | 26.37   | 34.3001 |
| 2009 | 6     | 6   | 3    | 22     | 59     | 0.3       | 3.9     | 1.43  | 89.2      | 26.37   | 33.6003 |
| 2009 | 6     | 6   | 3    | 32     | 59     | 0.3       | 3.9     | 1.44  | 89.1      | 26.3919 | 33.8628 |
| 2009 | 6     | 6   | 3    | 42     | 59     | 0.3       | 3.9     | 1.48  | 91.1      | 26.3919 | 34.7189 |
| 2009 | 6     | 6   | 3    | 52     | 59     | 0.3       | 3.9     | 1.45  | 87.3      | 26.3919 | 33.9406 |
| 2009 | 6     | 6   | 4    | 2      | 59     | 0.3       | 3.9     | 1.43  | 86.7      | 26.3919 | 33.5516 |
| 2009 | 6     | 6   | 4    | 12     | 59     | 0.3       | 3.9     | 1.44  | 88        | 26.3919 | 33.8628 |
| 2009 | 6     | 6   | 4    | 22     | 59     | 0.3       | 3.9     | 1.44  | 87.5      | 26.4138 | 33.7363 |
| 2009 | 6     | 6   | 4    | 32     | 59     | 0.3       | 3.9     | 1.49  | 89.7      | 26.4138 | 34.9826 |
| 2009 | 6     | 6   | 4    | 42     | 59     | 0.3       | 3.9     | 1.47  | 90        | 26.4138 | 34.5931 |
| 2009 | 6     | 6   | 4    | 52     | 59     | 0.3       | 3.9     | 1.44  | 87.1      | 26.4138 | 33.6584 |
| 2009 | 6     | 6   | 5    | 2      | 59     | 0.3       | 3.9     | 1.47  | 90        | 26.4138 | 34.5931 |
| 2009 | 6     | 6   | 5    | 12     | 59     | 0.3       | 3.9     | 1.44  | 88.6      | 26.4138 | 33.8141 |
| 2009 | 6     | 6   | 5    | 22     | 59     | 0.3       | 3.9     | 1.47  | 88.2      | 26.4138 | 34.4373 |
| 2009 | 6     | 6   | 5    | 32     | 59     | 0.3       | 3.9     | 1.44  | 88        | 26.4138 | 33.892  |
| 2009 | 6     | 6   | 5    | 42     | 59     | 0.3       | 3.9     | 1.44  | 87.4      | 26.4358 | 33.8433 |
| 2009 | 6     | 6   | 5    | 52     | 59     | 0.3       | 3.9     | 1.45  | 88.7      | 26.4358 | 34.1551 |
| 2009 | 6     | 6   | 6    | 2      | 59     | 0.3       | 3.9     | 1.41  | 88.3      | 26.4138 | 33.1911 |
| 2009 | 6     | 6   | 6    | 12     | 59     | 0.3       | 3.9     | 1.46  | 89.4      | 26.4358 | 34.389  |
| 2009 | 6     | 6   | 6    | 22     | 59     | 0.3       | 3.9     | 1.42  | 90.4      | 26.4358 | 33.4536 |
| 2009 | 6     | 6   | 6    | 32     | 59     | 0.3       | 3.9     | 1.44  | 88.2      | 26.4358 | 33.7653 |
| 2009 | 6     | 6   | 6    | 42     | 59     | 0.3       | 3.9     | 1.41  | 86        | 26.4577 | 33.0143 |
| 2009 | 6     | 6   | 6    | 52     | 59     | 0.3       | 3.9     | 1.4   | 87.1      | 26.4577 | 32.9363 |
| 2009 | 6     | 6   | 7    | 2      | 59     | 0.3       | 3.9     | 1.41  | 87.9      | 26.4577 | 33.0143 |
| 2009 | 6     | 6   | 7    | 12     | 59     | 0.3       | 3.9     | 1.45  | 87.4      | 26.4577 | 34.0285 |
| 2009 | 6     | 6   | 7    | 22     | 59     | 0.3       | 3.9     | 1.47  | 87.6      | 26.4796 | 34.5263 |
| 2009 | 6     | 6   | 7    | 32     | 59     | 0.3       | 3.9     | 1.45  | 88.6      | 26.4796 | 34.0577 |
| 2009 | 6     | 6   | 7    | 42     | 59     | 0.3       | 3.9     | 1.47  | 88.1      | 26.4796 | 34.6044 |
| 2009 | 6     | 6   | 7    | 52     | 59     | 0.3       | 3.9     | 1.45  | 88.6      | 26.4796 | 34.0577 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 6   | 8    | 2      | 59     | 0.3       | 3.9     | 1.44  | 88.6      | 26.5015 | 33.8526 |
| 2009 | 6     | 6   | 8    | 12     | 59     | 0.3       | 3.9     | 1.4   | 85.8      | 26.5015 | 32.9149 |
| 2009 | 6     | 6   | 8    | 22     | 59     | 0.3       | 3.9     | 1.46  | 87.8      | 26.5015 | 34.3997 |
| 2009 | 6     | 6   | 8    | 32     | 59     | 0.3       | 3.9     | 1.49  | 88.7      | 26.5015 | 35.025  |
| 2009 | 6     | 6   | 8    | 42     | 59     | 0.3       | 3.9     | 1.44  | 88.2      | 26.5234 | 34.0381 |
| 2009 | 6     | 6   | 8    | 52     | 59     | 0.3       | 3.9     | 1.43  | 88.7      | 26.5234 | 33.647  |
| 2009 | 6     | 6   | 9    | 2      | 59     | 0.3       | 3.9     | 1.45  | 88.8      | 26.5453 | 34.3022 |
| 2009 | 6     | 6   | 9    | 12     | 59     | 0.3       | 3.9     | 1.41  | 89.9      | 26.5453 | 33.3628 |
| 2009 | 6     | 6   | 9    | 22     | 59     | 0.3       | 3.9     | 1.45  | 88.8      | 26.5453 | 34.2239 |
| 2009 | 6     | 6   | 9    | 32     | 59     | 0.3       | 3.9     | 1.46  | 90.6      | 26.5453 | 34.3805 |
| 2009 | 6     | 6   | 9    | 42     | 59     | 0.3       | 3.9     | 1.44  | 88.3      | 26.5453 | 33.989  |
| 2009 | 6     | 6   | 9    | 52     | 59     | 0.3       | 3.9     | 1.47  | 90.6      | 26.5672 | 34.6451 |
| 2009 | 6     | 6   | 10   | 2      | 59     | 0.3       | 3.9     | 1.44  | 88.2      | 26.5672 | 33.9398 |
| 2009 | 6     | 6   | 10   | 12     | 59     | 0.3       | 3.9     | 1.44  | 88        | 26.5672 | 34.0965 |
| 2009 | 6     | 6   | 10   | 22     | 59     | 0.3       | 3.9     | 1.44  | 89.6      | 26.5672 | 34.0182 |
| 2009 | 6     | 6   | 10   | 32     | 59     | 0.3       | 3.9     | 1.43  | 89.2      | 26.5672 | 33.7048 |
| 2009 | 6     | 6   | 10   | 42     | 59     | 0.3       | 3.9     | 1.49  | 87        | 26.5891 | 35.2238 |
| 2009 | 6     | 6   | 10   | 52     | 59     | 0.3       | 3.9     | 1.47  | 90.8      | 26.5672 | 34.7234 |
| 2009 | 6     | 6   | 11   | 2      | 59     | 0.3       | 3.9     | 1.47  | 89.5      | 26.5891 | 34.6748 |
| 2009 | 6     | 6   | 11   | 12     | 59     | 0.3       | 3.9     | 1.47  | 88.5      | 26.5891 | 34.6748 |
| 2009 | 6     | 6   | 11   | 22     | 59     | 0.3       | 3.9     | 1.48  | 87.1      | 26.5891 | 34.9101 |
| 2009 | 6     | 6   | 11   | 32     | 59     | 0.3       | 3.9     | 1.49  | 90.8      | 26.6109 | 35.1755 |
| 2009 | 6     | 6   | 11   | 42     | 59     | 0.3       | 3.9     | 1.43  | 87.6      | 26.6109 | 33.7625 |
| 2009 | 6     | 6   | 11   | 52     | 59     | 0.3       | 3.9     | 1.42  | 87.1      | 26.6109 | 33.5271 |
| 2009 | 6     | 6   | 12   | 2      | 59     | 0.3       | 3.9     | 1.41  | 88.7      | 26.6328 | 33.3202 |
| 2009 | 6     | 6   | 12   | 12     | 59     | 0.3       | 3.9     | 1.44  | 88.8      | 26.6109 | 34.0765 |
| 2009 | 6     | 6   | 12   | 22     | 59     | 0.3       | 3.9     | 1.41  | 87.1      | 26.6109 | 33.3702 |
| 2009 | 6     | 6   | 12   | 32     | 59     | 0.3       | 3.9     | 1.45  | 89        | 26.6109 | 34.3904 |
| 2009 | 6     | 6   | 12   | 42     | 59     | 0.3       | 3.9     | 1.46  | 87        | 26.6109 | 34.4689 |
| 2009 | 6     | 6   | 12   | 52     | 59     | 0.3       | 3.9     | 1.46  | 88.2      | 26.6328 | 34.6555 |
| 2009 | 6     | 6   | 13   | 2      | 59     | 0.3       | 3.9     | 1.44  | 88        | 26.6328 | 34.1056 |
| 2009 | 6     | 6   | 13   | 12     | 59     | 0.3       | 3.9     | 1.42  | 87.8      | 26.6328 | 33.6343 |
| 2009 | 6     | 6   | 13   | 22     | 59     | 0.3       | 3.9     | 1.43  | 89.9      | 26.6546 | 33.8203 |
| 2009 | 6     | 6   | 13   | 32     | 59     | 0.3       | 3.9     | 1.45  | 86.8      | 26.6546 | 34.292  |
| 2009 | 6     | 6   | 13   | 42     | 59     | 0.3       | 3.9     | 1.48  | 89.4      | 26.6546 | 34.9997 |
| 2009 | 6     | 6   | 13   | 52     | 59     | 0.3       | 3.9     | 1.49  | 88.5      | 26.6546 | 35.3142 |
| 2009 | 6     | 6   | 14   | 2      | 59     | 0.3       | 3.9     | 1.42  | 86.2      | 26.6546 | 33.5058 |
| 2009 | 6     | 6   | 14   | 12     | 59     | 0.3       | 3.9     | 1.41  | 88.7      | 26.6546 | 33.5058 |
| 2009 | 6     | 6   | 14   | 22     | 59     | 0.3       | 3.9     | 1.42  | 87.1      | 26.6765 | 33.5344 |
| 2009 | 6     | 6   | 14   | 32     | 59     | 0.3       | 3.9     | 1.48  | 88.3      | 26.6765 | 35.0295 |
| 2009 | 6     | 6   | 14   | 42     | 59     | 0.3       | 3.9     | 1.47  | 89.6      | 26.6765 | 34.8721 |
| 2009 | 6     | 6   | 14   | 52     | 59     | 0.3       | 3.9     | 1.46  | 89        | 26.6765 | 34.5573 |
| 2009 | 6     | 6   | 15   | 2      | 59     | 0.3       | 3.9     | 1.45  | 87        | 26.6765 | 34.3212 |
| 2009 | 6     | 6   | 15   | 12     | 59     | 0.3       | 3.9     | 1.43  | 90        | 26.6983 | 33.9567 |
| 2009 | 6     | 6   | 15   | 22     | 59     | 0.3       | 3.9     | 1.47  | 88.6      | 26.6983 | 34.8231 |
| 2009 | 6     | 6   | 15   | 32     | 59     | 0.3       | 3.9     | 1.44  | 88.6      | 26.6983 | 34.2717 |
| 2009 | 6     | 6   | 15   | 42     | 59     | 0.3       | 3.9     | 1.41  | 88.5      | 26.6983 | 33.563  |
| 2009 | 6     | 6   | 15   | 52     | 59     | 0.3       | 3.9     | 1.48  | 89.6      | 26.6983 | 35.2169 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 6   | 16   | 2      | 59     | 0.3       | 3.9     | 1.45  | 88.6      | 26.6983 | 34.3505 |
| 2009 | 6     | 6   | 16   | 12     | 59     | 0.3       | 3.9     | 1.47  | 88.6      | 26.6983 | 34.9018 |
| 2009 | 6     | 6   | 16   | 22     | 59     | 0.3       | 3.9     | 1.44  | 88.6      | 26.6983 | 34.193  |
| 2009 | 6     | 6   | 16   | 32     | 59     | 0.3       | 3.9     | 1.44  | 86.2      | 26.6983 | 34.1142 |
| 2009 | 6     | 6   | 16   | 42     | 59     | 0.3       | 3.9     | 1.47  | 86.4      | 26.7202 | 34.9315 |
| 2009 | 6     | 6   | 16   | 52     | 59     | 0.3       | 3.9     | 1.45  | 86.9      | 26.6983 | 34.3505 |
| 2009 | 6     | 6   | 17   | 2      | 59     | 0.3       | 3.9     | 1.42  | 88.5      | 26.7202 | 33.828  |
| 2009 | 6     | 6   | 17   | 12     | 59     | 0.3       | 3.9     | 1.45  | 89.2      | 26.6983 | 34.4292 |
| 2009 | 6     | 6   | 17   | 22     | 59     | 0.3       | 3.9     | 1.4   | 86.8      | 26.6983 | 33.0906 |
| 2009 | 6     | 6   | 17   | 32     | 59     | 0.3       | 3.9     | 1.46  | 87.8      | 26.6983 | 34.7443 |
| 2009 | 6     | 6   | 17   | 42     | 59     | 0.3       | 3.9     | 1.46  | 86.5      | 26.7202 | 34.6162 |
| 2009 | 6     | 6   | 17   | 52     | 59     | 0.3       | 3.9     | 1.48  | 91.5      | 26.6983 | 35.1381 |
| 2009 | 6     | 6   | 18   | 2      | 59     | 0.3       | 3.9     | 1.44  | 89.5      | 26.7202 | 34.3009 |
| 2009 | 6     | 6   | 18   | 12     | 59     | 0.3       | 3.9     | 1.51  | 88.8      | 26.7202 | 35.7989 |
| 2009 | 6     | 6   | 18   | 22     | 59     | 0.3       | 3.9     | 1.39  | 86.2      | 26.7202 | 33.04   |
| 2009 | 6     | 6   | 18   | 32     | 59     | 0.3       | 3.9     | 1.51  | 90        | 26.7202 | 35.9566 |
| 2009 | 6     | 6   | 18   | 42     | 59     | 0.3       | 3.9     | 1.48  | 87.8      | 26.7202 | 35.168  |
| 2009 | 6     | 6   | 18   | 52     | 59     | 0.3       | 3.9     | 1.45  | 90.9      | 26.7202 | 34.3797 |
| 2009 | 6     | 6   | 19   | 2      | 59     | 0.3       | 3.9     | 1.43  | 89.6      | 26.7202 | 34.0644 |
| 2009 | 6     | 6   | 19   | 12     | 59     | 0.3       | 3.9     | 1.46  | 87.8      | 26.7202 | 34.7738 |
| 2009 | 6     | 6   | 19   | 22     | 59     | 0.3       | 3.9     | 1.44  | 88.6      | 26.7202 | 34.2221 |
| 2009 | 6     | 6   | 19   | 32     | 59     | 0.3       | 3.9     | 1.48  | 90.9      | 26.7202 | 35.0892 |
| 2009 | 6     | 6   | 19   | 42     | 59     | 0.3       | 3.9     | 1.48  | 88.2      | 26.7202 | 35.2469 |
| 2009 | 6     | 6   | 19   | 52     | 59     | 0.3       | 3.9     | 1.47  | 89.6      | 26.7202 | 34.9315 |
| 2009 | 6     | 6   | 20   | 2      | 59     | 0.3       | 3.9     | 1.43  | 88.2      | 26.7202 | 33.9068 |
| 2009 | 6     | 6   | 20   | 12     | 59     | 0.3       | 3.9     | 1.47  | 88.8      | 26.7202 | 34.9315 |
| 2009 | 6     | 6   | 20   | 22     | 59     | 0.3       | 3.9     | 1.47  | 87.6      | 26.742  | 34.8823 |
| 2009 | 6     | 6   | 20   | 32     | 59     | 0.3       | 3.9     | 1.46  | 88.6      | 26.7202 | 34.695  |
| 2009 | 6     | 6   | 20   | 42     | 59     | 0.3       | 3.9     | 1.41  | 88        | 26.7202 | 33.434  |
| 2009 | 6     | 6   | 20   | 52     | 59     | 0.3       | 3.9     | 1.44  | 87.9      | 26.7202 | 34.3009 |
| 2009 | 6     | 6   | 21   | 2      | 59     | 0.3       | 3.9     | 1.48  | 88.5      | 26.742  | 35.1979 |
| 2009 | 6     | 6   | 21   | 12     | 59     | 0.3       | 3.9     | 1.47  | 87        | 26.742  | 34.8034 |
| 2009 | 6     | 6   | 21   | 22     | 59     | 0.3       | 3.9     | 1.47  | 89.6      | 26.742  | 34.9612 |
| 2009 | 6     | 6   | 21   | 32     | 59     | 0.3       | 3.9     | 1.49  | 88.6      | 26.742  | 35.3558 |
| 2009 | 6     | 6   | 21   | 42     | 59     | 0.3       | 3.9     | 1.47  | 86.7      | 26.7202 | 34.8527 |
| 2009 | 6     | 6   | 21   | 52     | 59     | 0.3       | 3.9     | 1.46  | 89.9      | 26.742  | 34.6456 |
| 2009 | 6     | 6   | 22   | 2      | 59     | 0.3       | 3.9     | 1.44  | 88.2      | 26.742  | 34.33   |
| 2009 | 6     | 6   | 22   | 12     | 59     | 0.3       | 3.9     | 1.42  | 87.1      | 26.742  | 33.7779 |
| 2009 | 6     | 6   | 22   | 22     | 59     | 0.3       | 3.9     | 1.45  | 87.9      | 26.742  | 34.4878 |
| 2009 | 6     | 6   | 22   | 32     | 59     | 0.3       | 3.9     | 1.44  | 86.2      | 26.742  | 34.0934 |
| 2009 | 6     | 6   | 22   | 42     | 59     | 0.3       | 3.9     | 1.47  | 88.2      | 26.742  | 35.0401 |
| 2009 | 6     | 6   | 22   | 52     | 59     | 0.3       | 3.9     | 1.49  | 88.5      | 26.7638 | 35.4648 |
| 2009 | 6     | 6   | 23   | 2      | 59     | 0.3       | 3.9     | 1.47  | 87.2      | 26.742  | 34.8034 |
| 2009 | 6     | 6   | 23   | 12     | 59     | 0.3       | 3.9     | 1.49  | 88.1      | 26.7638 | 35.4648 |
| 2009 | 6     | 6   | 23   | 22     | 59     | 0.3       | 3.9     | 1.45  | 86.8      | 26.7638 | 34.4382 |
| 2009 | 6     | 6   | 23   | 32     | 59     | 0.3       | 3.9     | 1.46  | 90.5      | 26.742  | 34.8034 |
| 2009 | 6     | 6   | 23   | 42     | 59     | 0.3       | 3.9     | 1.46  | 88.6      | 26.7638 | 34.754  |
| 2009 | 6     | 6   | 23   | 52     | 59     | 0.3       | 3.9     | 1.47  | 89.4      | 26.7638 | 35.0699 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 7   | 0    | 2      | 59     | 0.3       | 3.9     | 1.48  | 88.6      | 26.7638 | 35.2278 |
| 2009 | 6     | 7   | 0    | 12     | 59     | 0.3       | 3.9     | 1.44  | 87        | 26.7638 | 34.2013 |
| 2009 | 6     | 7   | 0    | 22     | 59     | 0.3       | 3.9     | 1.47  | 88.2      | 26.7638 | 34.9909 |
| 2009 | 6     | 7   | 0    | 32     | 59     | 0.3       | 3.9     | 1.49  | 89.7      | 26.7638 | 35.3858 |
| 2009 | 6     | 7   | 0    | 42     | 59     | 0.3       | 3.9     | 1.47  | 89.6      | 26.7856 | 35.0206 |
| 2009 | 6     | 7   | 0    | 52     | 59     | 0.3       | 3.9     | 1.45  | 86.2      | 26.7638 | 34.4382 |
| 2009 | 6     | 7   | 1    | 2      | 59     | 0.3       | 3.9     | 1.47  | 87.8      | 26.7638 | 35.0699 |
| 2009 | 6     | 7   | 1    | 12     | 59     | 0.3       | 3.9     | 1.44  | 86.7      | 26.7856 | 34.2303 |
| 2009 | 6     | 7   | 1    | 22     | 59     | 0.3       | 3.9     | 1.47  | 88.6      | 26.7856 | 35.0206 |
| 2009 | 6     | 7   | 1    | 32     | 59     | 0.3       | 3.9     | 1.48  | 90        | 26.7856 | 35.3368 |
| 2009 | 6     | 7   | 1    | 42     | 59     | 0.3       | 3.9     | 1.5   | 88.2      | 26.7856 | 35.8111 |
| 2009 | 6     | 7   | 1    | 52     | 59     | 0.3       | 3.9     | 1.48  | 90.4      | 26.7856 | 35.1787 |
| 2009 | 6     | 7   | 2    | 2      | 59     | 0.3       | 3.9     | 1.49  | 89.7      | 26.7856 | 35.5739 |
| 2009 | 6     | 7   | 2    | 12     | 59     | 0.3       | 3.9     | 1.47  | 89        | 26.7856 | 35.0206 |
| 2009 | 6     | 7   | 2    | 22     | 59     | 0.3       | 3.9     | 1.42  | 87        | 26.8074 | 33.8639 |
| 2009 | 6     | 7   | 2    | 32     | 59     | 0.3       | 3.9     | 1.46  | 87.8      | 26.8074 | 34.7339 |
| 2009 | 6     | 7   | 2    | 42     | 59     | 0.3       | 3.9     | 1.47  | 89.6      | 26.8074 | 35.1294 |
| 2009 | 6     | 7   | 2    | 52     | 59     | 0.3       | 3.9     | 1.46  | 89.6      | 26.8074 | 34.8921 |
| 2009 | 6     | 7   | 3    | 2      | 59     | 0.3       | 3.9     | 1.48  | 90.9      | 26.8074 | 35.2876 |
| 2009 | 6     | 7   | 3    | 12     | 59     | 0.3       | 3.9     | 1.48  | 89.6      | 26.8074 | 35.3667 |
| 2009 | 6     | 7   | 3    | 22     | 59     | 0.3       | 3.9     | 1.47  | 87        | 26.8292 | 34.9216 |
| 2009 | 6     | 7   | 3    | 32     | 59     | 0.3       | 3.9     | 1.5   | 87.7      | 26.8292 | 35.7925 |
| 2009 | 6     | 7   | 3    | 42     | 59     | 0.3       | 3.9     | 1.48  | 87.8      | 26.8292 | 35.3966 |
| 2009 | 6     | 7   | 3    | 52     | 59     | 0.3       | 3.9     | 1.46  | 89        | 26.851  | 34.8719 |
| 2009 | 6     | 7   | 4    | 2      | 59     | 0.3       | 3.9     | 1.53  | 89.1      | 26.8292 | 36.4261 |
| 2009 | 6     | 7   | 4    | 12     | 59     | 0.3       | 3.9     | 1.47  | 89.2      | 26.8292 | 35.1591 |
| 2009 | 6     | 7   | 4    | 22     | 59     | 0.3       | 3.9     | 1.45  | 89.1      | 26.851  | 34.7134 |
| 2009 | 6     | 7   | 4    | 32     | 59     | 0.3       | 3.9     | 1.49  | 87.3      | 26.851  | 35.5058 |
| 2009 | 6     | 7   | 4    | 42     | 59     | 0.3       | 3.9     | 1.49  | 90.4      | 26.8728 | 35.5358 |
| 2009 | 6     | 7   | 4    | 52     | 59     | 0.3       | 3.9     | 1.51  | 88.9      | 26.8728 | 36.1704 |
| 2009 | 6     | 7   | 5    | 2      | 59     | 0.3       | 3.9     | 1.49  | 89.5      | 26.8728 | 35.6944 |
| 2009 | 6     | 7   | 5    | 12     | 59     | 0.3       | 3.9     | 1.49  | 89.1      | 26.851  | 35.5058 |
| 2009 | 6     | 7   | 5    | 22     | 59     | 0.3       | 3.9     | 1.5   | 88.7      | 26.8728 | 35.9324 |
| 2009 | 6     | 7   | 5    | 32     | 59     | 0.3       | 3.9     | 1.46  | 88.2      | 26.8728 | 34.822  |
| 2009 | 6     | 7   | 5    | 42     | 59     | 0.3       | 3.9     | 1.48  | 89.9      | 26.8728 | 35.4565 |
| 2009 | 6     | 7   | 5    | 52     | 59     | 0.3       | 3.9     | 1.5   | 89.2      | 26.8728 | 35.9324 |
| 2009 | 6     | 7   | 6    | 2      | 59     | 0.3       | 3.9     | 1.51  | 88.9      | 26.8728 | 36.091  |
| 2009 | 6     | 7   | 6    | 12     | 59     | 0.3       | 3.9     | 1.48  | 89        | 26.8946 | 35.407  |
| 2009 | 6     | 7   | 6    | 22     | 59     | 0.3       | 3.9     | 1.49  | 90.4      | 26.8728 | 35.6944 |
| 2009 | 6     | 7   | 6    | 32     | 59     | 0.3       | 3.9     | 1.45  | 90.4      | 26.8946 | 34.6133 |
| 2009 | 6     | 7   | 6    | 42     | 59     | 0.3       | 3.9     | 1.45  | 88.3      | 26.8946 | 34.772  |
| 2009 | 6     | 7   | 6    | 52     | 59     | 0.3       | 3.9     | 1.49  | 88.6      | 26.8946 | 35.7245 |
| 2009 | 6     | 7   | 7    | 2      | 59     | 0.3       | 3.9     | 1.48  | 88.9      | 26.8946 | 35.3276 |
| 2009 | 6     | 7   | 7    | 12     | 59     | 0.3       | 3.9     | 1.45  | 86.2      | 26.8946 | 34.6927 |
| 2009 | 6     | 7   | 7    | 22     | 59     | 0.3       | 3.9     | 1.5   | 90.1      | 26.8946 | 35.9627 |
| 2009 | 6     | 7   | 7    | 32     | 59     | 0.3       | 3.9     | 1.47  | 88        | 26.8946 | 35.0895 |
| 2009 | 6     | 7   | 7    | 42     | 59     | 0.3       | 3.9     | 1.48  | 86.8      | 26.8946 | 35.3276 |
| 2009 | 6     | 7   | 7    | 52     | 59     | 0.3       | 3.9     | 1.5   | 88.2      | 26.8946 | 35.8833 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 7   | 8    | 2      | 59     | 0.3       | 3.9     | 1.44  | 86.9      | 26.8946 | 34.3753 |
| 2009 | 6     | 7   | 8    | 12     | 59     | 0.3       | 3.9     | 1.48  | 87.3      | 26.9164 | 35.4368 |
| 2009 | 6     | 7   | 8    | 22     | 59     | 0.3       | 3.9     | 1.46  | 86.4      | 26.9164 | 34.8013 |
| 2009 | 6     | 7   | 8    | 32     | 59     | 0.3       | 3.9     | 1.49  | 89.9      | 26.9164 | 35.7546 |
| 2009 | 6     | 7   | 8    | 42     | 59     | 0.3       | 3.9     | 1.5   | 90.1      | 26.8946 | 35.8039 |
| 2009 | 6     | 7   | 8    | 52     | 59     | 0.3       | 3.9     | 1.49  | 88.9      | 26.9164 | 35.7546 |
| 2009 | 6     | 7   | 9    | 2      | 59     | 0.3       | 3.9     | 1.47  | 90.5      | 26.9164 | 35.1985 |
| 2009 | 6     | 7   | 9    | 12     | 59     | 0.3       | 3.9     | 1.43  | 87.8      | 26.9164 | 34.3248 |
| 2009 | 6     | 7   | 9    | 22     | 59     | 0.3       | 3.9     | 1.47  | 91.2      | 26.9164 | 35.1191 |
| 2009 | 6     | 7   | 9    | 32     | 59     | 0.3       | 3.9     | 1.44  | 87.8      | 26.8946 | 34.4546 |
| 2009 | 6     | 7   | 9    | 42     | 59     | 0.3       | 3.9     | 1.5   | 87.4      | 26.9164 | 35.8341 |
| 2009 | 6     | 7   | 9    | 52     | 59     | 0.3       | 3.9     | 1.52  | 89.3      | 26.9164 | 36.3903 |
| 2009 | 6     | 7   | 10   | 2      | 59     | 0.3       | 3.9     | 1.43  | 87.6      | 26.9164 | 34.3248 |
| 2009 | 6     | 7   | 10   | 12     | 59     | 0.3       | 3.9     | 1.51  | 90.5      | 26.9164 | 36.2314 |
| 2009 | 6     | 7   | 10   | 22     | 59     | 0.3       | 3.9     | 1.48  | 90        | 26.9164 | 35.4368 |
| 2009 | 6     | 7   | 10   | 32     | 59     | 0.3       | 3.9     | 1.48  | 89.4      | 26.9164 | 35.4368 |
| 2009 | 6     | 7   | 10   | 42     | 59     | 0.3       | 3.9     | 1.49  | 87.2      | 26.9164 | 35.6752 |
| 2009 | 6     | 7   | 10   | 52     | 59     | 0.3       | 3.9     | 1.47  | 88.3      | 26.9164 | 35.1985 |
| 2009 | 6     | 7   | 11   | 2      | 59     | 0.3       | 3.9     | 1.46  | 89        | 26.9164 | 35.0396 |
| 2009 | 6     | 7   | 11   | 12     | 59     | 0.3       | 3.9     | 1.47  | 87.6      | 26.9164 | 35.1985 |
| 2009 | 6     | 7   | 11   | 22     | 59     | 0.3       | 3.9     | 1.47  | 89.7      | 26.9381 | 35.2281 |
| 2009 | 6     | 7   | 11   | 32     | 59     | 0.3       | 3.9     | 1.47  | 89.1      | 26.9164 | 35.2779 |
| 2009 | 6     | 7   | 11   | 42     | 59     | 0.3       | 3.9     | 1.51  | 87.3      | 26.9381 | 36.1028 |
| 2009 | 6     | 7   | 11   | 52     | 59     | 0.3       | 3.9     | 1.52  | 89.1      | 26.9164 | 36.4698 |
| 2009 | 6     | 7   | 12   | 2      | 59     | 0.3       | 3.9     | 1.49  | 90.4      | 26.9164 | 35.7546 |
| 2009 | 6     | 7   | 12   | 12     | 59     | 0.3       | 3.9     | 1.49  | 86.8      | 26.9164 | 35.6752 |
| 2009 | 6     | 7   | 12   | 22     | 59     | 0.3       | 3.9     | 1.47  | 89        | 26.9164 | 35.2779 |
| 2009 | 6     | 7   | 12   | 32     | 59     | 0.3       | 3.9     | 1.44  | 85.2      | 26.9164 | 34.3248 |
| 2009 | 6     | 7   | 12   | 42     | 59     | 0.3       | 3.9     | 1.5   | 87.7      | 26.9164 | 35.993  |
| 2009 | 6     | 7   | 12   | 52     | 59     | 0.3       | 3.9     | 1.49  | 89.4      | 26.9164 | 35.7546 |
| 2009 | 6     | 7   | 13   | 2      | 59     | 0.3       | 3.9     | 1.47  | 88.1      | 26.9381 | 35.2281 |
| 2009 | 6     | 7   | 13   | 12     | 59     | 0.3       | 3.9     | 1.49  | 89.6      | 26.9164 | 35.7546 |
| 2009 | 6     | 7   | 13   | 22     | 59     | 0.3       | 3.9     | 1.52  | 90        | 26.9164 | 36.3108 |
| 2009 | 6     | 7   | 13   | 32     | 59     | 0.3       | 3.9     | 1.46  | 86.7      | 26.9164 | 34.9602 |
| 2009 | 6     | 7   | 13   | 42     | 59     | 0.3       | 3.9     | 1.48  | 88.3      | 26.9164 | 35.4368 |
| 2009 | 6     | 7   | 13   | 52     | 59     | 0.3       | 3.9     | 1.48  | 89.9      | 26.9164 | 35.4368 |
| 2009 | 6     | 7   | 14   | 2      | 59     | 0.3       | 3.9     | 1.52  | 88.9      | 26.9164 | 36.3108 |
| 2009 | 6     | 7   | 14   | 12     | 59     | 0.3       | 3.9     | 1.44  | 87.9      | 26.9164 | 34.4042 |
| 2009 | 6     | 7   | 14   | 22     | 59     | 0.3       | 3.9     | 1.5   | 89.6      | 26.8946 | 35.8833 |
| 2009 | 6     | 7   | 14   | 32     | 59     | 0.3       | 3.9     | 1.48  | 86.9      | 26.8946 | 35.2483 |
| 2009 | 6     | 7   | 14   | 42     | 59     | 0.3       | 3.9     | 1.52  | 87.4      | 26.8946 | 36.2803 |
| 2009 | 6     | 7   | 14   | 52     | 59     | 0.3       | 3.9     | 1.51  | 89.1      | 26.8946 | 36.0421 |
| 2009 | 6     | 7   | 15   | 2      | 59     | 0.3       | 3.9     | 1.49  | 88.5      | 26.8946 | 35.7245 |
| 2009 | 6     | 7   | 15   | 12     | 59     | 0.3       | 3.9     | 1.44  | 87.1      | 26.9381 | 34.3537 |
| 2009 | 6     | 7   | 15   | 22     | 59     | 0.3       | 3.9     | 1.49  | 90.8      | 26.8946 | 35.7245 |
| 2009 | 6     | 7   | 15   | 32     | 59     | 0.3       | 3.9     | 1.5   | 90        | 26.8946 | 35.8039 |
| 2009 | 6     | 7   | 15   | 42     | 59     | 0.3       | 3.9     | 1.45  | 88.6      | 26.8946 | 34.6133 |
| 2009 | 6     | 7   | 15   | 52     | 59     | 0.3       | 3.9     | 1.5   | 88.4      | 26.8946 | 35.8039 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 7   | 16   | 2      | 59     | 0.3       | 3.9     | 1.5   | 89.6      | 26.8728 | 35.7737 |
| 2009 | 6     | 7   | 16   | 12     | 59     | 0.3       | 3.9     | 1.51  | 89.4      | 26.8728 | 36.091  |
| 2009 | 6     | 7   | 16   | 22     | 59     | 0.3       | 3.9     | 1.51  | 89.6      | 26.8728 | 36.1704 |
| 2009 | 6     | 7   | 16   | 32     | 59     | 0.3       | 3.9     | 1.48  | 88.7      | 26.8728 | 35.3772 |
| 2009 | 6     | 7   | 16   | 42     | 59     | 0.3       | 3.9     | 1.45  | 87.2      | 26.8728 | 34.6634 |
| 2009 | 6     | 7   | 16   | 52     | 59     | 0.3       | 3.9     | 1.46  | 90.9      | 26.8728 | 34.822  |
| 2009 | 6     | 7   | 17   | 2      | 59     | 0.3       | 3.9     | 1.49  | 88.9      | 26.8728 | 35.5358 |
| 2009 | 6     | 7   | 17   | 12     | 59     | 0.3       | 3.9     | 1.45  | 87.3      | 26.8728 | 34.5049 |
| 2009 | 6     | 7   | 17   | 22     | 59     | 0.3       | 3.9     | 1.49  | 87.7      | 26.8728 | 35.6944 |
| 2009 | 6     | 7   | 17   | 32     | 59     | 0.3       | 3.9     | 1.48  | 88.3      | 26.8728 | 35.3772 |
| 2009 | 6     | 7   | 17   | 42     | 59     | 0.3       | 3.9     | 1.5   | 88.4      | 26.8728 | 35.8531 |
| 2009 | 6     | 7   | 17   | 52     | 59     | 0.3       | 3.9     | 1.51  | 88.8      | 26.8728 | 36.091  |
| 2009 | 6     | 7   | 18   | 2      | 59     | 0.3       | 3.9     | 1.49  | 87.1      | 26.8728 | 35.6944 |
| 2009 | 6     | 7   | 18   | 12     | 59     | 0.3       | 3.9     | 1.5   | 88.2      | 26.851  | 35.8228 |
| 2009 | 6     | 7   | 18   | 22     | 59     | 0.3       | 3.9     | 1.48  | 89.4      | 26.851  | 35.4266 |
| 2009 | 6     | 7   | 18   | 32     | 59     | 0.3       | 3.9     | 1.49  | 86.6      | 26.8728 | 35.6151 |
| 2009 | 6     | 7   | 18   | 42     | 59     | 0.3       | 3.9     | 1.5   | 88        | 26.851  | 35.8228 |
| 2009 | 6     | 7   | 18   | 52     | 59     | 0.3       | 3.9     | 1.47  | 91        | 26.851  | 35.0303 |
| 2009 | 6     | 7   | 19   | 2      | 59     | 0.3       | 3.9     | 1.49  | 88        | 26.851  | 35.5851 |
| 2009 | 6     | 7   | 19   | 12     | 59     | 0.3       | 3.9     | 1.46  | 88.2      | 26.851  | 34.9511 |
| 2009 | 6     | 7   | 19   | 22     | 59     | 0.3       | 3.9     | 1.48  | 89.9      | 26.851  | 35.2681 |
| 2009 | 6     | 7   | 19   | 32     | 59     | 0.3       | 3.9     | 1.52  | 89.8      | 26.851  | 36.2191 |
| 2009 | 6     | 7   | 19   | 42     | 59     | 0.3       | 3.9     | 1.51  | 90.6      | 26.8292 | 36.0301 |
| 2009 | 6     | 7   | 19   | 52     | 59     | 0.3       | 3.9     | 1.48  | 91.9      | 26.851  | 35.4266 |
| 2009 | 6     | 7   | 20   | 2      | 59     | 0.3       | 3.9     | 1.49  | 87.5      | 26.851  | 35.6643 |
| 2009 | 6     | 7   | 20   | 12     | 59     | 0.3       | 3.9     | 1.48  | 87.7      | 26.851  | 35.2681 |
| 2009 | 6     | 7   | 20   | 22     | 59     | 0.3       | 3.9     | 1.51  | 91.1      | 26.8292 | 35.9509 |
| 2009 | 6     | 7   | 20   | 32     | 59     | 0.3       | 3.9     | 1.5   | 86.9      | 26.851  | 35.7436 |
| 2009 | 6     | 7   | 20   | 42     | 59     | 0.3       | 3.9     | 1.51  | 88.3      | 26.8292 | 36.0301 |
| 2009 | 6     | 7   | 20   | 52     | 59     | 0.3       | 3.9     | 1.45  | 87.4      | 26.8292 | 34.4466 |
| 2009 | 6     | 7   | 21   | 2      | 59     | 0.3       | 3.9     | 1.42  | 88.7      | 26.8292 | 33.8926 |
| 2009 | 6     | 7   | 21   | 12     | 59     | 0.3       | 3.9     | 1.46  | 88.7      | 26.851  | 34.7927 |
| 2009 | 6     | 7   | 21   | 22     | 59     | 0.3       | 3.9     | 1.49  | 87.4      | 26.8292 | 35.6342 |
| 2009 | 6     | 7   | 21   | 32     | 59     | 0.3       | 3.9     | 1.51  | 91.5      | 26.8292 | 36.1093 |
| 2009 | 6     | 7   | 21   | 42     | 59     | 0.3       | 3.9     | 1.44  | 86.2      | 26.8292 | 34.3675 |
| 2009 | 6     | 7   | 21   | 52     | 59     | 0.3       | 3.9     | 1.45  | 87.3      | 26.8292 | 34.5258 |
| 2009 | 6     | 7   | 22   | 2      | 59     | 0.3       | 3.9     | 1.5   | 89        | 26.8292 | 35.8717 |
| 2009 | 6     | 7   | 22   | 12     | 59     | 0.3       | 3.9     | 1.48  | 88.9      | 26.8292 | 35.2383 |
| 2009 | 6     | 7   | 22   | 22     | 59     | 0.3       | 3.9     | 1.44  | 87.6      | 26.8292 | 34.2883 |
| 2009 | 6     | 7   | 22   | 32     | 59     | 0.3       | 3.9     | 1.46  | 88.6      | 26.8074 | 34.7339 |
| 2009 | 6     | 7   | 22   | 42     | 59     | 0.3       | 3.9     | 1.46  | 87.8      | 26.8074 | 34.813  |
| 2009 | 6     | 7   | 22   | 52     | 59     | 0.3       | 3.9     | 1.49  | 89        | 26.8074 | 35.5249 |
| 2009 | 6     | 7   | 23   | 2      | 59     | 0.3       | 3.9     | 1.52  | 89.3      | 26.8292 | 36.1885 |
| 2009 | 6     | 7   | 23   | 12     | 59     | 0.3       | 3.9     | 1.5   | 87.2      | 26.8292 | 35.7925 |
| 2009 | 6     | 7   | 23   | 22     | 59     | 0.3       | 3.9     | 1.48  | 86.3      | 26.8292 | 35.2383 |
| 2009 | 6     | 7   | 23   | 32     | 59     | 0.3       | 3.9     | 1.46  | 86.5      | 26.8074 | 34.7339 |
| 2009 | 6     | 7   | 23   | 42     | 59     | 0.3       | 3.9     | 1.45  | 87        | 26.8292 | 34.6049 |
| 2009 | 6     | 7   | 23   | 52     | 59     | 0.3       | 3.9     | 1.42  | 87.1      | 26.8074 | 33.8639 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 8   | 0    | 2      | 59     | 0.3       | 3.9     | 1.47  | 89.4      | 26.8074 | 35.1294 |
| 2009 | 6     | 8   | 0    | 12     | 59     | 0.3       | 3.9     | 1.46  | 88.6      | 26.8292 | 34.9216 |
| 2009 | 6     | 8   | 0    | 22     | 59     | 0.3       | 3.9     | 1.5   | 87.2      | 26.8292 | 35.8717 |
| 2009 | 6     | 8   | 0    | 32     | 59     | 0.3       | 3.9     | 1.48  | 88.5      | 26.8074 | 35.2876 |
| 2009 | 6     | 8   | 0    | 42     | 59     | 0.3       | 3.9     | 1.47  | 87.7      | 26.8074 | 34.9712 |
| 2009 | 6     | 8   | 0    | 52     | 59     | 0.3       | 3.9     | 1.51  | 88.1      | 26.8074 | 35.9205 |
| 2009 | 6     | 8   | 1    | 2      | 59     | 0.3       | 3.9     | 1.46  | 88.8      | 26.8074 | 34.813  |
| 2009 | 6     | 8   | 1    | 12     | 59     | 0.3       | 3.9     | 1.46  | 86.7      | 26.8074 | 34.813  |
| 2009 | 6     | 8   | 1    | 22     | 59     | 0.3       | 3.9     | 1.49  | 89.5      | 26.8074 | 35.4458 |
| 2009 | 6     | 8   | 1    | 32     | 59     | 0.3       | 3.9     | 1.44  | 89.5      | 26.8074 | 34.4175 |
| 2009 | 6     | 8   | 1    | 42     | 59     | 0.3       | 3.9     | 1.46  | 88.5      | 26.8074 | 34.813  |
| 2009 | 6     | 8   | 1    | 52     | 59     | 0.3       | 3.9     | 1.46  | 87.4      | 26.7856 | 34.7835 |
| 2009 | 6     | 8   | 2    | 2      | 59     | 0.3       | 3.9     | 1.49  | 89        | 26.7856 | 35.5739 |
| 2009 | 6     | 8   | 2    | 12     | 59     | 0.3       | 3.9     | 1.47  | 87.7      | 26.7856 | 35.0206 |
| 2009 | 6     | 8   | 2    | 22     | 59     | 0.3       | 3.9     | 1.47  | 89        | 26.7856 | 35.0996 |
| 2009 | 6     | 8   | 2    | 32     | 59     | 0.3       | 3.9     | 1.52  | 88.6      | 26.7856 | 36.2854 |
| 2009 | 6     | 8   | 2    | 42     | 59     | 0.3       | 3.9     | 1.47  | 90.6      | 26.7856 | 34.9416 |
| 2009 | 6     | 8   | 2    | 52     | 59     | 0.3       | 3.9     | 1.48  | 87.6      | 26.7856 | 35.3368 |
| 2009 | 6     | 8   | 3    | 2      | 59     | 0.3       | 3.9     | 1.43  | 90        | 26.7638 | 34.1223 |
| 2009 | 6     | 8   | 3    | 12     | 59     | 0.3       | 3.9     | 1.47  | 86.7      | 26.7856 | 35.0206 |
| 2009 | 6     | 8   | 3    | 22     | 59     | 0.3       | 3.9     | 1.48  | 87.1      | 26.7856 | 35.0996 |
| 2009 | 6     | 8   | 3    | 32     | 59     | 0.3       | 3.9     | 1.49  | 87.9      | 26.7638 | 35.4648 |
| 2009 | 6     | 8   | 3    | 42     | 59     | 0.3       | 3.9     | 1.47  | 87.7      | 26.7638 | 35.0699 |
| 2009 | 6     | 8   | 3    | 52     | 59     | 0.3       | 3.9     | 1.4   | 89.3      | 26.7638 | 33.4119 |
| 2009 | 6     | 8   | 4    | 2      | 59     | 0.3       | 3.9     | 1.5   | 89.6      | 26.7638 | 35.6227 |
| 2009 | 6     | 8   | 4    | 12     | 59     | 0.3       | 3.9     | 1.47  | 87.2      | 26.7638 | 34.9909 |
| 2009 | 6     | 8   | 4    | 22     | 59     | 0.3       | 3.9     | 1.45  | 89.1      | 26.7638 | 34.5171 |
| 2009 | 6     | 8   | 4    | 32     | 59     | 0.3       | 3.9     | 1.47  | 89.2      | 26.7638 | 35.0699 |
| 2009 | 6     | 8   | 4    | 42     | 59     | 0.3       | 3.9     | 1.47  | 90.1      | 26.742  | 35.0401 |
| 2009 | 6     | 8   | 4    | 52     | 59     | 0.3       | 3.9     | 1.48  | 89.9      | 26.742  | 35.1979 |
| 2009 | 6     | 8   | 5    | 2      | 59     | 0.3       | 3.9     | 1.46  | 87.9      | 26.742  | 34.7245 |
| 2009 | 6     | 8   | 5    | 12     | 59     | 0.3       | 3.9     | 1.49  | 89        | 26.742  | 35.3558 |
| 2009 | 6     | 8   | 5    | 22     | 59     | 0.3       | 3.9     | 1.48  | 87.3      | 26.742  | 35.1979 |
| 2009 | 6     | 8   | 5    | 32     | 59     | 0.3       | 3.9     | 1.41  | 87.1      | 26.742  | 33.3835 |
| 2009 | 6     | 8   | 5    | 42     | 59     | 0.3       | 3.9     | 1.48  | 88.7      | 26.742  | 35.119  |
| 2009 | 6     | 8   | 5    | 52     | 59     | 0.3       | 3.9     | 1.5   | 91        | 26.742  | 35.5925 |
| 2009 | 6     | 8   | 6    | 2      | 59     | 0.3       | 3.9     | 1.47  | 88        | 26.742  | 34.8823 |
| 2009 | 6     | 8   | 6    | 12     | 59     | 0.3       | 3.9     | 1.47  | 87.7      | 26.742  | 34.8823 |
| 2009 | 6     | 8   | 6    | 22     | 59     | 0.3       | 3.9     | 1.45  | 87.7      | 26.742  | 34.5667 |
| 2009 | 6     | 8   | 6    | 32     | 59     | 0.3       | 3.9     | 1.5   | 89.7      | 26.7202 | 35.72   |
| 2009 | 6     | 8   | 6    | 42     | 59     | 0.3       | 3.9     | 1.46  | 88.7      | 26.7202 | 34.7738 |
| 2009 | 6     | 8   | 6    | 52     | 59     | 0.3       | 3.9     | 1.51  | 89.1      | 26.7202 | 35.9566 |
| 2009 | 6     | 8   | 7    | 2      | 59     | 0.3       | 3.9     | 1.47  | 89        | 26.7202 | 34.8527 |
| 2009 | 6     | 8   | 7    | 12     | 59     | 0.3       | 3.9     | 1.5   | 89.2      | 26.7202 | 35.6411 |
| 2009 | 6     | 8   | 7    | 22     | 59     | 0.3       | 3.9     | 1.47  | 89.1      | 26.7202 | 34.8527 |
| 2009 | 6     | 8   | 7    | 32     | 59     | 0.3       | 3.9     | 1.47  | 87.3      | 26.7202 | 35.0104 |
| 2009 | 6     | 8   | 7    | 42     | 59     | 0.3       | 3.9     | 1.5   | 89.1      | 26.7202 | 35.72   |
| 2009 | 6     | 8   | 7    | 52     | 59     | 0.3       | 3.9     | 1.43  | 90.3      | 26.7202 | 34.0644 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 8   | 8    | 2      | 59     | 0.3       | 3.9     | 1.47  | 88.5      | 26.7202 | 35.0104 |
| 2009 | 6     | 8   | 8    | 12     | 59     | 0.3       | 3.9     | 1.46  | 89.1      | 26.6983 | 34.7443 |
| 2009 | 6     | 8   | 8    | 22     | 59     | 0.3       | 3.9     | 1.46  | 88.8      | 26.7202 | 34.6162 |
| 2009 | 6     | 8   | 8    | 32     | 59     | 0.3       | 3.9     | 1.47  | 90.4      | 26.6983 | 34.8231 |
| 2009 | 6     | 8   | 8    | 42     | 59     | 0.3       | 3.9     | 1.48  | 88.1      | 26.6983 | 35.2169 |
| 2009 | 6     | 8   | 8    | 52     | 59     | 0.3       | 3.9     | 1.48  | 89        | 26.7202 | 35.0892 |
| 2009 | 6     | 8   | 9    | 2      | 59     | 0.3       | 3.9     | 1.46  | 89.6      | 26.6983 | 34.5868 |
| 2009 | 6     | 8   | 9    | 12     | 59     | 0.3       | 3.9     | 1.44  | 89.6      | 26.6983 | 34.193  |
| 2009 | 6     | 8   | 9    | 22     | 59     | 0.3       | 3.9     | 1.44  | 89.1      | 26.6983 | 34.2717 |
| 2009 | 6     | 8   | 9    | 32     | 59     | 0.3       | 3.9     | 1.45  | 89.2      | 26.6983 | 34.508  |
| 2009 | 6     | 8   | 9    | 42     | 59     | 0.3       | 3.9     | 1.49  | 91.6      | 26.6983 | 35.4533 |
| 2009 | 6     | 8   | 9    | 52     | 59     | 0.3       | 3.9     | 1.39  | 87.6      | 26.6983 | 32.8544 |
| 2009 | 6     | 8   | 10   | 2      | 59     | 0.3       | 3.9     | 1.49  | 88.4      | 26.6983 | 35.2957 |
| 2009 | 6     | 8   | 10   | 12     | 59     | 0.3       | 3.9     | 1.46  | 89.1      | 26.6983 | 34.5868 |
| 2009 | 6     | 8   | 10   | 22     | 59     | 0.3       | 3.9     | 1.46  | 89.2      | 26.6983 | 34.7443 |
| 2009 | 6     | 8   | 10   | 32     | 59     | 0.3       | 3.9     | 1.49  | 89.1      | 26.6983 | 35.2957 |
| 2009 | 6     | 8   | 10   | 42     | 59     | 0.3       | 3.9     | 1.49  | 90.1      | 26.6983 | 35.3745 |
| 2009 | 6     | 8   | 10   | 52     | 59     | 0.3       | 3.9     | 1.47  | 88.3      | 26.6983 | 34.9806 |
| 2009 | 6     | 8   | 11   | 2      | 59     | 0.3       | 3.9     | 1.45  | 87.8      | 26.6983 | 34.508  |
| 2009 | 6     | 8   | 11   | 12     | 59     | 0.3       | 3.9     | 1.45  | 86.6      | 26.6765 | 34.3999 |
| 2009 | 6     | 8   | 11   | 22     | 59     | 0.3       | 3.9     | 1.44  | 90        | 26.6983 | 34.193  |
| 2009 | 6     | 8   | 11   | 32     | 59     | 0.3       | 3.9     | 1.46  | 89.1      | 26.6765 | 34.5573 |
| 2009 | 6     | 8   | 11   | 42     | 59     | 0.3       | 3.9     | 1.47  | 90.9      | 26.6765 | 34.7934 |
| 2009 | 6     | 8   | 11   | 52     | 59     | 0.3       | 3.9     | 1.46  | 88.2      | 26.6546 | 34.6851 |
| 2009 | 6     | 8   | 12   | 2      | 59     | 0.3       | 3.9     | 1.43  | 88.6      | 26.6765 | 34.0065 |
| 2009 | 6     | 8   | 12   | 12     | 59     | 0.3       | 3.9     | 1.47  | 89        | 26.6765 | 34.7934 |
| 2009 | 6     | 8   | 12   | 22     | 59     | 0.3       | 3.9     | 1.45  | 87.4      | 26.6546 | 34.3706 |
| 2009 | 6     | 8   | 12   | 32     | 59     | 0.3       | 3.9     | 1.46  | 90.3      | 26.6328 | 34.6555 |
| 2009 | 6     | 8   | 12   | 42     | 59     | 0.3       | 3.9     | 1.45  | 88.3      | 26.6546 | 34.4492 |
| 2009 | 6     | 8   | 12   | 52     | 59     | 0.3       | 3.9     | 1.45  | 89.6      | 26.6328 | 34.4198 |
| 2009 | 6     | 8   | 13   | 2      | 59     | 0.3       | 3.9     | 1.48  | 89.6      | 26.6109 | 35.097  |
| 2009 | 6     | 8   | 13   | 12     | 59     | 0.3       | 3.9     | 1.48  | 89.6      | 26.6109 | 34.9399 |
| 2009 | 6     | 8   | 13   | 22     | 59     | 0.3       | 3.9     | 1.48  | 88.9      | 26.6109 | 35.097  |
| 2009 | 6     | 8   | 13   | 32     | 59     | 0.3       | 3.9     | 1.46  | 87.7      | 26.5672 | 34.5667 |
| 2009 | 6     | 8   | 13   | 42     | 59     | 0.3       | 3.9     | 1.45  | 89.1      | 26.5891 | 34.2826 |
| 2009 | 6     | 8   | 13   | 52     | 59     | 0.3       | 3.9     | 1.44  | 87.3      | 26.5891 | 33.9689 |
| 2009 | 6     | 8   | 14   | 2      | 59     | 0.3       | 3.9     | 1.45  | 89.9      | 26.5672 | 34.1749 |
| 2009 | 6     | 8   | 14   | 12     | 59     | 0.3       | 3.9     | 1.46  | 89.2      | 26.5891 | 34.4395 |
| 2009 | 6     | 8   | 14   | 22     | 59     | 0.3       | 3.9     | 1.45  | 89.1      | 26.5891 | 34.361  |
| 2009 | 6     | 8   | 14   | 32     | 59     | 0.3       | 3.9     | 1.46  | 90        | 26.5891 | 34.5963 |
| 2009 | 6     | 8   | 14   | 42     | 59     | 0.3       | 3.9     | 1.47  | 88.7      | 26.5672 | 34.6451 |
| 2009 | 6     | 8   | 14   | 52     | 59     | 0.3       | 3.9     | 1.47  | 88.2      | 26.5672 | 34.6451 |
| 2009 | 6     | 8   | 15   | 2      | 59     | 0.3       | 3.9     | 1.5   | 88.4      | 26.5453 | 35.3202 |
| 2009 | 6     | 8   | 15   | 12     | 59     | 0.3       | 3.9     | 1.42  | 87.1      | 26.5672 | 33.3914 |
| 2009 | 6     | 8   | 15   | 22     | 59     | 0.3       | 3.9     | 1.45  | 87.7      | 26.5672 | 34.3316 |
| 2009 | 6     | 8   | 15   | 32     | 59     | 0.3       | 3.9     | 1.45  | 90.1      | 26.5672 | 34.1749 |
| 2009 | 6     | 8   | 15   | 42     | 59     | 0.3       | 3.9     | 1.43  | 89.6      | 26.5453 | 33.7542 |
| 2009 | 6     | 8   | 15   | 52     | 59     | 0.3       | 3.9     | 1.43  | 88.6      | 26.5453 | 33.7542 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 8   | 16   | 2      | 59     | 0.3       | 3.9     | 1.49  | 89.7      | 26.5453 | 35.0852 |
| 2009 | 6     | 8   | 16   | 12     | 59     | 0.3       | 3.9     | 1.5   | 88        | 26.5453 | 35.4768 |
| 2009 | 6     | 8   | 16   | 22     | 59     | 0.3       | 3.9     | 1.45  | 88.6      | 26.5453 | 34.2239 |
| 2009 | 6     | 8   | 16   | 32     | 59     | 0.3       | 3.9     | 1.48  | 90.4      | 26.5453 | 34.8503 |
| 2009 | 6     | 8   | 16   | 42     | 59     | 0.3       | 3.9     | 1.46  | 87.5      | 26.5234 | 34.351  |
| 2009 | 6     | 8   | 16   | 52     | 59     | 0.3       | 3.9     | 1.43  | 88.7      | 26.5234 | 33.7252 |
| 2009 | 6     | 8   | 17   | 2      | 59     | 0.3       | 3.9     | 1.43  | 89.5      | 26.5234 | 33.647  |
| 2009 | 6     | 8   | 17   | 12     | 59     | 0.3       | 3.9     | 1.46  | 87.9      | 26.5234 | 34.4292 |
| 2009 | 6     | 8   | 17   | 22     | 59     | 0.3       | 3.9     | 1.41  | 86.5      | 26.5234 | 33.0996 |
| 2009 | 6     | 8   | 17   | 32     | 59     | 0.3       | 3.9     | 1.46  | 86.5      | 26.5234 | 34.2728 |
| 2009 | 6     | 8   | 17   | 42     | 59     | 0.3       | 3.9     | 1.42  | 89.1      | 26.5015 | 33.3837 |
| 2009 | 6     | 8   | 17   | 52     | 59     | 0.3       | 3.9     | 1.47  | 90.9      | 26.4796 | 34.5263 |
| 2009 | 6     | 8   | 18   | 2      | 59     | 0.3       | 3.9     | 1.45  | 87.8      | 26.5015 | 34.087  |
| 2009 | 6     | 8   | 18   | 12     | 59     | 0.3       | 3.9     | 1.44  | 87        | 26.5015 | 33.9307 |
| 2009 | 6     | 8   | 18   | 22     | 59     | 0.3       | 3.9     | 1.44  | 88        | 26.4796 | 33.8234 |
| 2009 | 6     | 8   | 18   | 32     | 59     | 0.3       | 3.9     | 1.46  | 87.7      | 26.4796 | 34.4482 |
| 2009 | 6     | 8   | 18   | 42     | 59     | 0.3       | 3.9     | 1.46  | 87.7      | 26.4796 | 34.3701 |
| 2009 | 6     | 8   | 18   | 52     | 59     | 0.3       | 3.9     | 1.43  | 89.1      | 26.4577 | 33.6384 |
| 2009 | 6     | 8   | 19   | 2      | 59     | 0.3       | 3.9     | 1.42  | 89.1      | 26.4796 | 33.5111 |
| 2009 | 6     | 8   | 19   | 12     | 59     | 0.3       | 3.9     | 1.43  | 89.7      | 26.4577 | 33.7164 |
| 2009 | 6     | 8   | 19   | 22     | 59     | 0.3       | 3.9     | 1.43  | 88.6      | 26.4577 | 33.7164 |
| 2009 | 6     | 8   | 19   | 32     | 59     | 0.3       | 3.9     | 1.43  | 86.8      | 26.4358 | 33.5315 |
| 2009 | 6     | 8   | 19   | 42     | 59     | 0.3       | 3.9     | 1.41  | 87.5      | 26.4358 | 33.1418 |
| 2009 | 6     | 8   | 19   | 52     | 59     | 0.3       | 3.9     | 1.45  | 86.9      | 26.4138 | 33.892  |
| 2009 | 6     | 8   | 20   | 2      | 59     | 0.3       | 3.9     | 1.44  | 89.3      | 26.4138 | 33.892  |
| 2009 | 6     | 8   | 20   | 12     | 59     | 0.3       | 3.9     | 1.44  | 89.9      | 26.3919 | 33.785  |
| 2009 | 6     | 8   | 20   | 22     | 59     | 0.3       | 3.9     | 1.44  | 87.4      | 26.3919 | 33.7072 |
| 2009 | 6     | 8   | 20   | 32     | 59     | 0.3       | 3.9     | 1.42  | 90.4      | 26.37   | 33.2116 |
| 2009 | 6     | 8   | 20   | 42     | 59     | 0.3       | 3.9     | 1.43  | 87.9      | 26.37   | 33.4449 |
| 2009 | 6     | 8   | 20   | 52     | 59     | 0.3       | 3.9     | 1.41  | 88.5      | 26.348  | 33.1053 |
| 2009 | 6     | 8   | 21   | 2      | 59     | 0.3       | 3.9     | 1.43  | 88.7      | 26.348  | 33.5713 |
| 2009 | 6     | 8   | 21   | 12     | 59     | 0.3       | 3.9     | 1.46  | 89.4      | 26.3261 | 34.1632 |
| 2009 | 6     | 8   | 21   | 22     | 59     | 0.3       | 3.9     | 1.41  | 88.3      | 26.348  | 33.0276 |
| 2009 | 6     | 8   | 21   | 32     | 59     | 0.3       | 3.9     | 1.45  | 90        | 26.3261 | 33.8528 |
| 2009 | 6     | 8   | 21   | 42     | 59     | 0.3       | 3.9     | 1.46  | 88.2      | 26.348  | 34.1928 |
| 2009 | 6     | 8   | 21   | 52     | 59     | 0.3       | 3.9     | 1.43  | 87.6      | 26.348  | 33.5713 |
| 2009 | 6     | 8   | 22   | 2      | 59     | 0.3       | 3.9     | 1.42  | 88.9      | 26.3041 | 33.2031 |
| 2009 | 6     | 8   | 22   | 12     | 59     | 0.3       | 3.9     | 1.47  | 89.6      | 26.3041 | 34.4439 |
| 2009 | 6     | 8   | 22   | 22     | 59     | 0.3       | 3.9     | 1.43  | 89.2      | 26.3261 | 33.4647 |
| 2009 | 6     | 8   | 22   | 32     | 59     | 0.3       | 3.9     | 1.44  | 87.9      | 26.3041 | 33.7459 |
| 2009 | 6     | 8   | 22   | 42     | 59     | 0.3       | 3.9     | 1.41  | 90        | 26.3041 | 32.9705 |
| 2009 | 6     | 8   | 22   | 52     | 59     | 0.3       | 3.9     | 1.48  | 89.2      | 26.3041 | 34.5215 |
| 2009 | 6     | 8   | 23   | 2      | 59     | 0.3       | 3.9     | 1.5   | 87.9      | 26.3041 | 34.9869 |
| 2009 | 6     | 8   | 23   | 12     | 59     | 0.3       | 3.9     | 1.46  | 89.2      | 26.3041 | 34.0561 |
| 2009 | 6     | 8   | 23   | 22     | 59     | 0.3       | 3.9     | 1.45  | 89.6      | 26.2821 | 33.8716 |
| 2009 | 6     | 8   | 23   | 32     | 59     | 0.3       | 3.9     | 1.46  | 89.6      | 26.2821 | 34.1041 |
| 2009 | 6     | 8   | 23   | 42     | 59     | 0.3       | 3.9     | 1.46  | 87.7      | 26.2821 | 34.1041 |
| 2009 | 6     | 8   | 23   | 52     | 59     | 0.3       | 3.9     | 1.42  | 89.3      | 26.2821 | 33.2518 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 9   | 0    | 2      | 59     | 0.3       | 3.9     | 1.44  | 88.8      | 26.2821 | 33.6392 |
| 2009 | 6     | 9   | 0    | 12     | 59     | 0.3       | 3.9     | 1.48  | 90        | 26.2602 | 34.5391 |
| 2009 | 6     | 9   | 0    | 22     | 59     | 0.3       | 3.9     | 1.45  | 90.8      | 26.2602 | 33.8422 |
| 2009 | 6     | 9   | 0    | 32     | 59     | 0.3       | 3.9     | 1.43  | 88.3      | 26.2602 | 33.3003 |
| 2009 | 6     | 9   | 0    | 42     | 59     | 0.3       | 3.9     | 1.47  | 90.4      | 26.2602 | 34.2294 |
| 2009 | 6     | 9   | 0    | 52     | 59     | 0.3       | 3.9     | 1.45  | 87.7      | 26.2602 | 33.7648 |
| 2009 | 6     | 9   | 1    | 2      | 59     | 0.3       | 3.9     | 1.46  | 87.8      | 26.2382 | 33.9676 |
| 2009 | 6     | 9   | 1    | 12     | 59     | 0.3       | 3.9     | 1.4   | 88.7      | 26.2602 | 32.6812 |
| 2009 | 6     | 9   | 1    | 22     | 59     | 0.3       | 3.9     | 1.42  | 89.1      | 26.2382 | 33.1941 |
| 2009 | 6     | 9   | 1    | 32     | 59     | 0.3       | 3.9     | 1.43  | 89.2      | 26.2382 | 33.3488 |
| 2009 | 6     | 9   | 1    | 42     | 59     | 0.3       | 3.9     | 1.44  | 88.7      | 26.2382 | 33.6581 |
| 2009 | 6     | 9   | 1    | 52     | 59     | 0.3       | 3.9     | 1.42  | 87.5      | 26.2382 | 33.1167 |
| 2009 | 6     | 9   | 2    | 2      | 59     | 0.3       | 3.9     | 1.43  | 87.1      | 26.2162 | 33.1652 |
| 2009 | 6     | 9   | 2    | 12     | 59     | 0.3       | 3.9     | 1.44  | 90        | 26.2382 | 33.6581 |
| 2009 | 6     | 9   | 2    | 22     | 59     | 0.3       | 3.9     | 1.4   | 88.2      | 26.2162 | 32.4699 |
| 2009 | 6     | 9   | 2    | 32     | 59     | 0.3       | 3.9     | 1.42  | 89.7      | 26.2162 | 33.0107 |
| 2009 | 6     | 9   | 2    | 42     | 59     | 0.3       | 3.9     | 1.45  | 88.2      | 26.2162 | 33.7062 |
| 2009 | 6     | 9   | 2    | 52     | 59     | 0.3       | 3.9     | 1.43  | 88.4      | 26.2162 | 33.397  |
| 2009 | 6     | 9   | 3    | 2      | 59     | 0.3       | 3.9     | 1.42  | 90.4      | 26.1942 | 33.1363 |
| 2009 | 6     | 9   | 3    | 12     | 59     | 0.3       | 3.9     | 1.42  | 90.1      | 26.1942 | 33.1363 |
| 2009 | 6     | 9   | 3    | 22     | 59     | 0.3       | 3.9     | 1.4   | 89.9      | 26.1942 | 32.5188 |
| 2009 | 6     | 9   | 3    | 32     | 59     | 0.3       | 3.9     | 1.46  | 88.2      | 26.1722 | 33.8789 |
| 2009 | 6     | 9   | 3    | 42     | 59     | 0.3       | 3.9     | 1.42  | 86.7      | 26.1722 | 32.9532 |
| 2009 | 6     | 9   | 3    | 52     | 59     | 0.3       | 3.9     | 1.43  | 89.9      | 26.1722 | 33.3389 |
| 2009 | 6     | 9   | 4    | 2      | 59     | 0.3       | 3.9     | 1.4   | 88.5      | 26.1722 | 32.5676 |
| 2009 | 6     | 9   | 4    | 12     | 59     | 0.3       | 3.9     | 1.4   | 87.5      | 26.1722 | 32.5676 |
| 2009 | 6     | 9   | 4    | 22     | 59     | 0.3       | 3.9     | 1.44  | 90        | 26.1502 | 33.464  |
| 2009 | 6     | 9   | 4    | 32     | 59     | 0.3       | 3.9     | 1.43  | 88.9      | 26.1502 | 33.1557 |
| 2009 | 6     | 9   | 4    | 42     | 59     | 0.3       | 3.9     | 1.45  | 90.4      | 26.1502 | 33.6181 |
| 2009 | 6     | 9   | 4    | 52     | 59     | 0.3       | 3.9     | 1.43  | 89.9      | 26.1502 | 33.3098 |
| 2009 | 6     | 9   | 5    | 2      | 59     | 0.3       | 3.9     | 1.44  | 88.6      | 26.1282 | 33.4347 |
| 2009 | 6     | 9   | 5    | 12     | 59     | 0.3       | 3.9     | 1.42  | 87.9      | 26.1282 | 32.9727 |
| 2009 | 6     | 9   | 5    | 22     | 59     | 0.3       | 3.9     | 1.4   | 87.7      | 26.1282 | 32.5107 |
| 2009 | 6     | 9   | 5    | 32     | 59     | 0.3       | 3.9     | 1.43  | 89.6      | 26.1062 | 33.1747 |
| 2009 | 6     | 9   | 5    | 42     | 59     | 0.3       | 3.9     | 1.44  | 88.3      | 26.1062 | 33.4055 |
| 2009 | 6     | 9   | 5    | 52     | 59     | 0.3       | 3.9     | 1.5   | 89.2      | 26.0842 | 34.7603 |
| 2009 | 6     | 9   | 6    | 2      | 59     | 0.3       | 3.9     | 1.41  | 89.6      | 26.0842 | 32.6076 |
| 2009 | 6     | 9   | 6    | 12     | 59     | 0.3       | 3.9     | 1.42  | 88.8      | 26.0842 | 32.8382 |
| 2009 | 6     | 9   | 6    | 22     | 59     | 0.3       | 3.9     | 1.43  | 87.6      | 26.0842 | 32.9919 |
| 2009 | 6     | 9   | 6    | 32     | 59     | 0.3       | 3.9     | 1.45  | 88.6      | 26.0621 | 33.5006 |
| 2009 | 6     | 9   | 6    | 42     | 59     | 0.3       | 3.9     | 1.44  | 89.2      | 26.0842 | 33.2994 |
| 2009 | 6     | 9   | 6    | 52     | 59     | 0.3       | 3.9     | 1.45  | 87.9      | 26.0621 | 33.5774 |
| 2009 | 6     | 9   | 7    | 2      | 59     | 0.3       | 3.9     | 1.45  | 90        | 26.0621 | 33.5774 |
| 2009 | 6     | 9   | 7    | 12     | 59     | 0.3       | 3.9     | 1.42  | 89.7      | 26.0621 | 32.963  |
| 2009 | 6     | 9   | 7    | 22     | 59     | 0.3       | 3.9     | 1.44  | 89.6      | 26.0401 | 33.241  |
| 2009 | 6     | 9   | 7    | 32     | 59     | 0.3       | 3.9     | 1.41  | 90        | 26.0401 | 32.7039 |
| 2009 | 6     | 9   | 7    | 42     | 59     | 0.3       | 3.9     | 1.46  | 90        | 26.0401 | 33.7782 |
| 2009 | 6     | 9   | 7    | 52     | 59     | 0.3       | 3.9     | 1.42  | 90.4      | 26.0181 | 32.9051 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 9   | 8    | 2      | 59     | 0.3       | 3.9     | 1.43  | 90        | 26.0181 | 33.1351 |
| 2009 | 6     | 9   | 8    | 12     | 59     | 0.3       | 3.9     | 1.46  | 88.6      | 25.996  | 33.7955 |
| 2009 | 6     | 9   | 8    | 22     | 59     | 0.3       | 3.9     | 1.44  | 90.5      | 26.0181 | 33.2118 |
| 2009 | 6     | 9   | 8    | 32     | 59     | 0.3       | 3.9     | 1.42  | 90.1      | 25.996  | 32.723  |
| 2009 | 6     | 9   | 8    | 42     | 59     | 0.3       | 3.9     | 1.42  | 90.3      | 25.996  | 32.8762 |
| 2009 | 6     | 9   | 8    | 52     | 59     | 0.3       | 3.9     | 1.41  | 91.1      | 25.996  | 32.5698 |
| 2009 | 6     | 9   | 9    | 2      | 59     | 0.3       | 3.9     | 1.43  | 89.9      | 25.996  | 32.9528 |
| 2009 | 6     | 9   | 9    | 12     | 59     | 0.3       | 3.9     | 1.37  | 87.8      | 25.974  | 31.5465 |
| 2009 | 6     | 9   | 9    | 22     | 59     | 0.3       | 3.9     | 1.43  | 90        | 25.974  | 32.9238 |
| 2009 | 6     | 9   | 9    | 32     | 59     | 0.3       | 3.9     | 1.43  | 88.8      | 25.974  | 32.9238 |
| 2009 | 6     | 9   | 9    | 42     | 59     | 0.3       | 3.9     | 1.44  | 88.4      | 25.974  | 33.1534 |
| 2009 | 6     | 9   | 9    | 52     | 59     | 0.3       | 3.9     | 1.44  | 89.3      | 25.974  | 33.23   |
| 2009 | 6     | 9   | 10   | 2      | 59     | 0.3       | 3.9     | 1.43  | 89.1      | 25.974  | 32.9238 |
| 2009 | 6     | 9   | 10   | 12     | 59     | 0.3       | 3.9     | 1.41  | 90.9      | 25.974  | 32.6177 |
| 2009 | 6     | 9   | 10   | 22     | 59     | 0.3       | 3.9     | 1.44  | 87.9      | 25.974  | 33.1534 |
| 2009 | 6     | 9   | 10   | 32     | 59     | 0.3       | 3.9     | 1.42  | 89.6      | 25.974  | 32.7707 |
| 2009 | 6     | 9   | 10   | 42     | 59     | 0.3       | 3.9     | 1.41  | 87.7      | 25.974  | 32.4646 |
| 2009 | 6     | 9   | 10   | 52     | 59     | 0.3       | 3.9     | 1.41  | 88        | 25.974  | 32.4646 |
| 2009 | 6     | 9   | 11   | 2      | 59     | 0.3       | 3.9     | 1.43  | 89.9      | 25.9519 | 32.9713 |
| 2009 | 6     | 9   | 11   | 12     | 59     | 0.3       | 3.9     | 1.43  | 90.3      | 25.9519 | 32.8948 |
| 2009 | 6     | 9   | 11   | 22     | 59     | 0.3       | 3.9     | 1.38  | 88.8      | 25.9519 | 31.748  |
| 2009 | 6     | 9   | 11   | 32     | 59     | 0.3       | 3.9     | 1.41  | 88.3      | 25.9519 | 32.5125 |
| 2009 | 6     | 9   | 11   | 42     | 59     | 0.3       | 3.9     | 1.42  | 89.6      | 25.9298 | 32.7894 |
| 2009 | 6     | 9   | 11   | 52     | 59     | 0.3       | 3.9     | 1.43  | 89.1      | 25.9298 | 33.0186 |
| 2009 | 6     | 9   | 12   | 2      | 59     | 0.3       | 3.9     | 1.37  | 91.4      | 25.9078 | 31.5394 |
| 2009 | 6     | 9   | 12   | 12     | 59     | 0.3       | 3.9     | 1.37  | 87.9      | 25.9078 | 31.3868 |
| 2009 | 6     | 9   | 12   | 22     | 59     | 0.3       | 3.9     | 1.43  | 89.3      | 25.8857 | 32.9603 |
| 2009 | 6     | 9   | 12   | 32     | 59     | 0.3       | 3.9     | 1.42  | 89.6      | 25.8857 | 32.579  |
| 2009 | 6     | 9   | 12   | 42     | 59     | 0.3       | 3.9     | 1.42  | 89.6      | 25.8415 | 32.5213 |
| 2009 | 6     | 9   | 12   | 52     | 59     | 0.3       | 3.9     | 1.42  | 90.4      | 25.8636 | 32.5501 |
| 2009 | 6     | 9   | 13   | 2      | 59     | 0.3       | 3.9     | 1.41  | 88.3      | 25.8636 | 32.3216 |
| 2009 | 6     | 9   | 13   | 12     | 59     | 0.3       | 3.9     | 1.41  | 88.5      | 25.8636 | 32.3977 |
| 2009 | 6     | 9   | 13   | 22     | 59     | 0.3       | 3.9     | 1.43  | 88.7      | 25.8415 | 32.7497 |
| 2009 | 6     | 9   | 13   | 32     | 59     | 0.3       | 3.9     | 1.37  | 87.5      | 25.8415 | 31.3036 |
| 2009 | 6     | 9   | 13   | 42     | 59     | 0.3       | 3.9     | 1.38  | 90.8      | 25.8194 | 31.732  |
| 2009 | 6     | 9   | 13   | 52     | 59     | 0.3       | 3.9     | 1.39  | 89.9      | 25.8194 | 31.9601 |
| 2009 | 6     | 9   | 14   | 2      | 59     | 0.3       | 3.9     | 1.42  | 90.9      | 25.7973 | 32.4636 |
| 2009 | 6     | 9   | 14   | 12     | 59     | 0.3       | 3.9     | 1.38  | 88.1      | 25.7973 | 31.6278 |
| 2009 | 6     | 9   | 14   | 22     | 59     | 0.3       | 3.9     | 1.4   | 89.3      | 25.7973 | 32.1596 |
| 2009 | 6     | 9   | 14   | 32     | 59     | 0.3       | 3.9     | 1.37  | 89        | 25.7973 | 31.4    |
| 2009 | 6     | 9   | 14   | 42     | 59     | 0.3       | 3.9     | 1.4   | 89.9      | 25.7752 | 32.0552 |
| 2009 | 6     | 9   | 14   | 52     | 59     | 0.3       | 3.9     | 1.4   | 88.4      | 25.7752 | 32.0552 |
| 2009 | 6     | 9   | 15   | 2      | 59     | 0.3       | 3.9     | 1.41  | 89.1      | 25.7752 | 32.2829 |
| 2009 | 6     | 9   | 15   | 12     | 59     | 0.3       | 3.9     | 1.41  | 88.1      | 25.7752 | 32.207  |
| 2009 | 6     | 9   | 15   | 22     | 59     | 0.3       | 3.9     | 1.41  | 90.5      | 25.7531 | 32.1783 |
| 2009 | 6     | 9   | 15   | 32     | 59     | 0.3       | 3.9     | 1.38  | 89.7      | 25.7531 | 31.6474 |
| 2009 | 6     | 9   | 15   | 42     | 59     | 0.3       | 3.9     | 1.36  | 89.2      | 25.7531 | 31.1925 |
| 2009 | 6     | 9   | 15   | 52     | 59     | 0.3       | 3.9     | 1.4   | 90        | 25.7531 | 32.1025 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 9   | 16   | 2      | 59     | 0.3       | 3.9     | 1.39  | 90        | 25.7531 | 31.8749 |
| 2009 | 6     | 9   | 16   | 12     | 59     | 0.3       | 3.9     | 1.4   | 88.5      | 25.7309 | 32.0739 |
| 2009 | 6     | 9   | 16   | 22     | 59     | 0.3       | 3.9     | 1.37  | 87.4      | 25.7531 | 31.1925 |
| 2009 | 6     | 9   | 16   | 32     | 59     | 0.3       | 3.9     | 1.39  | 88.4      | 25.7088 | 31.7424 |
| 2009 | 6     | 9   | 16   | 42     | 59     | 0.3       | 3.9     | 1.38  | 90.1      | 25.7088 | 31.591  |
| 2009 | 6     | 9   | 16   | 52     | 59     | 0.3       | 3.9     | 1.38  | 89.7      | 25.7088 | 31.5153 |
| 2009 | 6     | 9   | 17   | 2      | 59     | 0.3       | 3.9     | 1.39  | 88.4      | 25.6867 | 31.7897 |
| 2009 | 6     | 9   | 17   | 12     | 59     | 0.3       | 3.9     | 1.38  | 89.2      | 25.6645 | 31.5346 |
| 2009 | 6     | 9   | 17   | 22     | 59     | 0.3       | 3.9     | 1.37  | 89.7      | 25.6867 | 31.2603 |
| 2009 | 6     | 9   | 17   | 32     | 59     | 0.3       | 3.9     | 1.39  | 88.4      | 25.6645 | 31.7613 |
| 2009 | 6     | 9   | 17   | 42     | 59     | 0.3       | 3.9     | 1.39  | 88.8      | 25.6202 | 31.629  |
| 2009 | 6     | 9   | 17   | 52     | 59     | 0.3       | 3.9     | 1.41  | 90        | 25.6202 | 32.0062 |
| 2009 | 6     | 9   | 18   | 2      | 59     | 0.3       | 3.9     | 1.39  | 89.6      | 25.6202 | 31.629  |
| 2009 | 6     | 9   | 18   | 12     | 59     | 0.3       | 3.9     | 1.4   | 88.3      | 25.6202 | 31.7799 |
| 2009 | 6     | 9   | 18   | 22     | 59     | 0.3       | 3.9     | 1.42  | 90.3      | 25.5759 | 32.1747 |
| 2009 | 6     | 9   | 18   | 32     | 59     | 0.3       | 3.9     | 1.35  | 86.8      | 25.5759 | 30.5184 |
| 2009 | 6     | 9   | 18   | 42     | 59     | 0.3       | 3.9     | 1.38  | 87.6      | 25.5759 | 31.3464 |
| 2009 | 6     | 9   | 18   | 52     | 59     | 0.3       | 3.9     | 1.42  | 88        | 25.5538 | 32.2211 |
| 2009 | 6     | 9   | 19   | 2      | 59     | 0.3       | 3.9     | 1.41  | 89.1      | 25.5538 | 32.0706 |
| 2009 | 6     | 9   | 19   | 12     | 59     | 0.3       | 3.9     | 1.42  | 89.3      | 25.5538 | 32.2963 |
| 2009 | 6     | 9   | 19   | 22     | 59     | 0.3       | 3.9     | 1.41  | 90.1      | 25.5316 | 31.9666 |
| 2009 | 6     | 9   | 19   | 32     | 59     | 0.3       | 3.9     | 1.44  | 89.6      | 25.5316 | 32.6432 |
| 2009 | 6     | 9   | 19   | 42     | 59     | 0.3       | 3.9     | 1.42  | 89.6      | 25.5316 | 32.2673 |
| 2009 | 6     | 9   | 19   | 52     | 59     | 0.3       | 3.9     | 1.39  | 89.7      | 25.5316 | 31.5156 |
| 2009 | 6     | 9   | 20   | 2      | 59     | 0.3       | 3.9     | 1.39  | 88.4      | 25.5316 | 31.5907 |
| 2009 | 6     | 9   | 20   | 12     | 59     | 0.3       | 3.9     | 1.46  | 89.1      | 25.5094 | 33.1397 |
| 2009 | 6     | 9   | 20   | 22     | 59     | 0.3       | 3.9     | 1.42  | 90.3      | 25.5094 | 32.088  |
| 2009 | 6     | 9   | 20   | 32     | 59     | 0.3       | 3.9     | 1.4   | 89.6      | 25.5094 | 31.7876 |
| 2009 | 6     | 9   | 20   | 42     | 59     | 0.3       | 3.9     | 1.41  | 87.5      | 25.5094 | 31.7876 |
| 2009 | 6     | 9   | 20   | 52     | 59     | 0.3       | 3.9     | 1.38  | 89.5      | 25.4872 | 31.1587 |
| 2009 | 6     | 9   | 21   | 2      | 59     | 0.3       | 3.9     | 1.39  | 88.5      | 25.4872 | 31.5338 |
| 2009 | 6     | 9   | 21   | 12     | 59     | 0.3       | 3.9     | 1.36  | 87.4      | 25.4872 | 30.7836 |
| 2009 | 6     | 9   | 21   | 22     | 59     | 0.3       | 3.9     | 1.38  | 88.2      | 25.465  | 31.0556 |
| 2009 | 6     | 9   | 21   | 32     | 59     | 0.3       | 3.9     | 1.39  | 88.8      | 25.4872 | 31.5338 |
| 2009 | 6     | 9   | 21   | 42     | 59     | 0.3       | 3.9     | 1.41  | 89.1      | 25.465  | 31.8802 |
| 2009 | 6     | 9   | 21   | 52     | 59     | 0.3       | 3.9     | 1.43  | 88        | 25.465  | 32.33   |
| 2009 | 6     | 9   | 22   | 2      | 59     | 0.3       | 3.9     | 1.35  | 90.6      | 25.465  | 30.4561 |
| 2009 | 6     | 9   | 22   | 12     | 59     | 0.3       | 3.9     | 1.35  | 88.5      | 25.465  | 30.531  |
| 2009 | 6     | 9   | 22   | 22     | 59     | 0.3       | 3.9     | 1.35  | 89.9      | 25.465  | 30.4561 |
| 2009 | 6     | 9   | 22   | 32     | 59     | 0.3       | 3.9     | 1.41  | 88.7      | 25.4428 | 31.7764 |
| 2009 | 6     | 9   | 22   | 42     | 59     | 0.3       | 3.9     | 1.33  | 87        | 25.4428 | 30.0543 |
| 2009 | 6     | 9   | 22   | 52     | 59     | 0.3       | 3.9     | 1.4   | 88.7      | 25.4206 | 31.5232 |
| 2009 | 6     | 9   | 23   | 2      | 59     | 0.3       | 3.9     | 1.41  | 88.7      | 25.4206 | 31.7477 |
| 2009 | 6     | 9   | 23   | 12     | 59     | 0.3       | 3.9     | 1.4   | 89.5      | 25.4206 | 31.598  |
| 2009 | 6     | 9   | 23   | 22     | 59     | 0.3       | 3.9     | 1.38  | 89.5      | 25.3984 | 31.0461 |
| 2009 | 6     | 9   | 23   | 32     | 59     | 0.3       | 3.9     | 1.41  | 89.6      | 25.3984 | 31.7937 |
| 2009 | 6     | 9   | 23   | 42     | 59     | 0.3       | 3.9     | 1.39  | 89.3      | 25.3762 | 31.3167 |
| 2009 | 6     | 9   | 23   | 52     | 59     | 0.3       | 3.9     | 1.37  | 88.2      | 25.3984 | 30.7472 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 10  | 0    | 2      | 59     | 0.3       | 3.9     | 1.36  | 88.1      | 25.3762 | 30.6446 |
| 2009 | 6     | 10  | 0    | 12     | 59     | 0.3       | 3.6     | 1.39  | 91.6      | 25.354  | 31.1391 |
| 2009 | 6     | 10  | 0    | 22     | 59     | 0.3       | 3.6     | 1.36  | 87.9      | 25.354  | 30.6168 |
| 2009 | 6     | 10  | 0    | 32     | 59     | 0.3       | 3.6     | 1.39  | 89.5      | 25.354  | 31.3629 |
| 2009 | 6     | 10  | 0    | 42     | 59     | 0.3       | 3.6     | 1.37  | 89.7      | 25.3317 | 30.8871 |
| 2009 | 6     | 10  | 0    | 52     | 59     | 0.3       | 3.6     | 1.39  | 88.4      | 25.3317 | 31.1853 |
| 2009 | 6     | 10  | 1    | 2      | 59     | 0.3       | 3.6     | 1.36  | 89.6      | 25.3095 | 30.4122 |
| 2009 | 6     | 10  | 1    | 12     | 59     | 0.3       | 3.6     | 1.37  | 87.9      | 25.3317 | 30.8126 |
| 2009 | 6     | 10  | 1    | 22     | 59     | 0.3       | 3.6     | 1.37  | 88.9      | 25.2873 | 30.8309 |
| 2009 | 6     | 10  | 1    | 32     | 59     | 0.3       | 3.6     | 1.36  | 87.9      | 25.3095 | 30.4867 |
| 2009 | 6     | 10  | 1    | 42     | 59     | 0.3       | 3.6     | 1.39  | 88.8      | 25.3095 | 31.3059 |
| 2009 | 6     | 10  | 1    | 52     | 59     | 0.3       | 3.6     | 1.38  | 91.5      | 25.265  | 31.0258 |
| 2009 | 6     | 10  | 2    | 2      | 59     | 0.3       | 3.6     | 1.39  | 88.1      | 25.2873 | 31.1286 |
| 2009 | 6     | 10  | 2    | 12     | 59     | 0.3       | 3.6     | 1.39  | 86.5      | 25.2873 | 31.0542 |
| 2009 | 6     | 10  | 2    | 22     | 59     | 0.3       | 3.6     | 1.39  | 89.7      | 25.265  | 31.1745 |
| 2009 | 6     | 10  | 2    | 32     | 59     | 0.3       | 3.6     | 1.39  | 89.3      | 25.265  | 31.1745 |
| 2009 | 6     | 10  | 2    | 42     | 59     | 0.3       | 3.6     | 1.37  | 89        | 25.265  | 30.6541 |
| 2009 | 6     | 10  | 2    | 52     | 59     | 0.3       | 3.6     | 1.4   | 89.3      | 25.2428 | 31.3689 |
| 2009 | 6     | 10  | 3    | 2      | 59     | 0.3       | 3.6     | 1.35  | 86.9      | 25.2428 | 30.2549 |
| 2009 | 6     | 10  | 3    | 12     | 59     | 0.3       | 3.6     | 1.34  | 87.3      | 25.2428 | 29.8836 |
| 2009 | 6     | 10  | 3    | 22     | 59     | 0.3       | 3.6     | 1.36  | 88.1      | 25.2428 | 30.4776 |
| 2009 | 6     | 10  | 3    | 32     | 59     | 0.3       | 3.6     | 1.37  | 87.9      | 25.2428 | 30.5519 |
| 2009 | 6     | 10  | 3    | 42     | 59     | 0.3       | 3.6     | 1.36  | 89.7      | 25.2205 | 30.3756 |
| 2009 | 6     | 10  | 3    | 52     | 59     | 0.3       | 3.6     | 1.37  | 88.9      | 25.2428 | 30.7747 |
| 2009 | 6     | 10  | 4    | 2      | 59     | 0.3       | 3.6     | 1.41  | 88.5      | 25.2205 | 31.4887 |
| 2009 | 6     | 10  | 4    | 12     | 59     | 0.3       | 3.6     | 1.33  | 88.3      | 25.2205 | 29.6338 |
| 2009 | 6     | 10  | 4    | 22     | 59     | 0.3       | 3.6     | 1.36  | 89.6      | 25.2205 | 30.524  |
| 2009 | 6     | 10  | 4    | 32     | 59     | 0.3       | 3.6     | 1.36  | 87.9      | 25.2205 | 30.3756 |
| 2009 | 6     | 10  | 4    | 42     | 59     | 0.3       | 3.6     | 1.34  | 90.6      | 25.2205 | 29.9305 |
| 2009 | 6     | 10  | 4    | 52     | 59     | 0.3       | 3.6     | 1.33  | 90.6      | 25.1983 | 29.6808 |
| 2009 | 6     | 10  | 5    | 2      | 59     | 0.3       | 3.6     | 1.38  | 89.6      | 25.1983 | 30.7926 |
| 2009 | 6     | 10  | 5    | 12     | 59     | 0.3       | 3.6     | 1.37  | 89        | 25.1983 | 30.6443 |
| 2009 | 6     | 10  | 5    | 22     | 59     | 0.3       | 3.6     | 1.38  | 89        | 25.1983 | 30.7926 |
| 2009 | 6     | 10  | 5    | 32     | 59     | 0.3       | 3.6     | 1.39  | 87.8      | 25.176  | 30.9125 |
| 2009 | 6     | 10  | 5    | 42     | 59     | 0.3       | 3.6     | 1.37  | 89.9      | 25.176  | 30.6163 |
| 2009 | 6     | 10  | 5    | 52     | 59     | 0.3       | 3.6     | 1.36  | 89.6      | 25.176  | 30.4681 |
| 2009 | 6     | 10  | 6    | 2      | 59     | 0.3       | 3.6     | 1.37  | 88.8      | 25.1983 | 30.4961 |
| 2009 | 6     | 10  | 6    | 12     | 59     | 0.3       | 3.6     | 1.34  | 90.1      | 25.176  | 29.8017 |
| 2009 | 6     | 10  | 6    | 22     | 59     | 0.3       | 3.6     | 1.38  | 89.9      | 25.176  | 30.8385 |
| 2009 | 6     | 10  | 6    | 32     | 59     | 0.3       | 3.6     | 1.35  | 90        | 25.176  | 30.1719 |
| 2009 | 6     | 10  | 6    | 42     | 59     | 0.3       | 3.6     | 1.36  | 89.9      | 25.176  | 30.4681 |
| 2009 | 6     | 10  | 6    | 52     | 59     | 0.3       | 3.6     | 1.4   | 88.1      | 25.176  | 31.2829 |
| 2009 | 6     | 10  | 7    | 2      | 59     | 0.3       | 3.6     | 1.36  | 88.5      | 25.176  | 30.3941 |
| 2009 | 6     | 10  | 7    | 12     | 59     | 0.3       | 3.6     | 1.35  | 89.7      | 25.1537 | 30.0703 |
| 2009 | 6     | 10  | 7    | 22     | 59     | 0.3       | 3.6     | 1.37  | 90.7      | 25.1537 | 30.5142 |
| 2009 | 6     | 10  | 7    | 32     | 59     | 0.3       | 3.6     | 1.35  | 88.5      | 25.1537 | 30.0703 |
| 2009 | 6     | 10  | 7    | 42     | 59     | 0.3       | 3.6     | 1.35  | 89.2      | 25.1537 | 30.0703 |
| 2009 | 6     | 10  | 7    | 52     | 59     | 0.3       | 3.6     | 1.36  | 90        | 25.1537 | 30.3662 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 10  | 8    | 2      | 59     | 0.3       | 3.6     | 1.34  | 88.5      | 25.1537 | 29.7743 |
| 2009 | 6     | 10  | 8    | 12     | 59     | 0.3       | 3.6     | 1.38  | 87.8      | 25.1315 | 30.6341 |
| 2009 | 6     | 10  | 8    | 22     | 59     | 0.3       | 3.6     | 1.38  | 89        | 25.1315 | 30.708  |
| 2009 | 6     | 10  | 8    | 32     | 59     | 0.3       | 3.6     | 1.34  | 89        | 25.1315 | 29.747  |
| 2009 | 6     | 10  | 8    | 42     | 59     | 0.3       | 3.6     | 1.39  | 88.8      | 25.1315 | 30.9298 |
| 2009 | 6     | 10  | 8    | 52     | 59     | 0.3       | 3.6     | 1.4   | 87        | 25.1315 | 31.1516 |
| 2009 | 6     | 10  | 9    | 2      | 59     | 0.3       | 3.6     | 1.36  | 88.9      | 25.1092 | 30.3105 |
| 2009 | 6     | 10  | 9    | 12     | 59     | 0.3       | 3.6     | 1.37  | 90.1      | 25.1092 | 30.5321 |
| 2009 | 6     | 10  | 9    | 22     | 59     | 0.3       | 3.6     | 1.34  | 88.5      | 25.0869 | 29.8399 |
| 2009 | 6     | 10  | 9    | 32     | 59     | 0.3       | 3.6     | 1.33  | 89.6      | 25.1092 | 29.6458 |
| 2009 | 6     | 10  | 9    | 42     | 59     | 0.3       | 3.6     | 1.37  | 91.7      | 25.0646 | 30.3284 |
| 2009 | 6     | 10  | 9    | 52     | 59     | 0.3       | 3.6     | 1.36  | 90        | 25.0646 | 30.3284 |
| 2009 | 6     | 10  | 10   | 2      | 59     | 0.3       | 3.6     | 1.38  | 87        | 25.0646 | 30.5496 |
| 2009 | 6     | 10  | 10   | 12     | 59     | 0.3       | 3.6     | 1.38  | 90.5      | 25.0646 | 30.6233 |
| 2009 | 6     | 10  | 10   | 22     | 59     | 0.3       | 3.6     | 1.36  | 90        | 25.02   | 30.2725 |
| 2009 | 6     | 10  | 10   | 32     | 59     | 0.3       | 3.6     | 1.37  | 88.5      | 24.9977 | 30.2446 |
| 2009 | 6     | 10  | 10   | 42     | 59     | 0.3       | 3.6     | 1.37  | 90.1      | 25.02   | 30.3461 |
| 2009 | 6     | 10  | 10   | 52     | 59     | 0.3       | 3.6     | 1.39  | 89.9      | 24.9977 | 30.9063 |
| 2009 | 6     | 10  | 11   | 2      | 59     | 0.3       | 3.6     | 1.36  | 88.5      | 24.9977 | 30.171  |
| 2009 | 6     | 10  | 11   | 12     | 59     | 0.3       | 3.6     | 1.34  | 89        | 24.9977 | 29.73   |
| 2009 | 6     | 10  | 11   | 22     | 59     | 0.3       | 3.6     | 1.34  | 90        | 24.9754 | 29.7025 |
| 2009 | 6     | 10  | 11   | 32     | 59     | 0.3       | 3.6     | 1.35  | 89.6      | 24.9754 | 29.9228 |
| 2009 | 6     | 10  | 11   | 42     | 59     | 0.3       | 3.6     | 1.38  | 88.6      | 24.9754 | 30.437  |
| 2009 | 6     | 10  | 11   | 52     | 59     | 0.3       | 3.6     | 1.38  | 87.9      | 24.9754 | 30.437  |
| 2009 | 6     | 10  | 12   | 2      | 59     | 0.3       | 3.6     | 1.31  | 86.7      | 24.9754 | 29.0416 |
| 2009 | 6     | 10  | 12   | 12     | 59     | 0.3       | 3.6     | 1.35  | 90.4      | 24.9754 | 29.9228 |
| 2009 | 6     | 10  | 12   | 22     | 59     | 0.3       | 3.6     | 1.37  | 88.5      | 24.9754 | 30.2166 |
| 2009 | 6     | 10  | 12   | 32     | 59     | 0.3       | 3.6     | 1.35  | 88.1      | 24.9531 | 29.8951 |
| 2009 | 6     | 10  | 12   | 42     | 59     | 0.3       | 3.6     | 1.34  | 88        | 24.9531 | 29.675  |
| 2009 | 6     | 10  | 12   | 52     | 59     | 0.3       | 3.6     | 1.37  | 88.6      | 24.9531 | 30.1886 |
| 2009 | 6     | 10  | 13   | 2      | 59     | 0.3       | 3.6     | 1.34  | 91        | 24.9531 | 29.5282 |
| 2009 | 6     | 10  | 13   | 12     | 59     | 0.3       | 3.6     | 1.36  | 89.2      | 24.9531 | 30.0418 |
| 2009 | 6     | 10  | 13   | 22     | 59     | 0.3       | 3.6     | 1.31  | 89        | 24.9531 | 28.9414 |
| 2009 | 6     | 10  | 13   | 32     | 59     | 0.3       | 3.6     | 1.35  | 88.2      | 24.9307 | 29.7208 |
| 2009 | 6     | 10  | 13   | 42     | 59     | 0.3       | 3.6     | 1.35  | 90        | 24.9307 | 29.8674 |
| 2009 | 6     | 10  | 13   | 52     | 59     | 0.3       | 3.6     | 1.34  | 88.5      | 24.9531 | 29.5282 |
| 2009 | 6     | 10  | 14   | 1      | 7      | 0.3       | 3.6     | 1.35  | 89.6      | 24.9307 | 29.7941 |
| 2009 | 6     | 10  | 14   | 11     | 7      | 0.3       | 3.6     | 1.36  | 86        | 24.9307 | 29.8674 |
| 2009 | 6     | 10  | 14   | 21     | 7      | 0.3       | 3.6     | 1.33  | 88.7      | 24.9084 | 29.2538 |
| 2009 | 6     | 10  | 14   | 31     | 7      | 0.3       | 3.6     | 1.33  | 89.3      | 24.9084 | 29.327  |
| 2009 | 6     | 10  | 14   | 41     | 7      | 0.3       | 3.6     | 1.35  | 89.6      | 24.8861 | 29.7388 |
| 2009 | 6     | 10  | 14   | 51     | 7      | 0.3       | 3.6     | 1.34  | 88.5      | 24.8861 | 29.4461 |
| 2009 | 6     | 10  | 15   | 1      | 7      | 0.3       | 3.6     | 1.34  | 89.2      | 24.8637 | 29.4918 |
| 2009 | 6     | 10  | 15   | 11     | 7      | 0.3       | 3.6     | 1.32  | 87.2      | 24.8637 | 29.1264 |
| 2009 | 6     | 10  | 15   | 21     | 7      | 0.3       | 3.6     | 1.37  | 90        | 24.8414 | 30.1217 |
| 2009 | 6     | 10  | 15   | 31     | 7      | 0.3       | 3.6     | 1.32  | 90.6      | 24.8414 | 29.0992 |
| 2009 | 6     | 10  | 15   | 41     | 7      | 0.3       | 3.6     | 1.31  | 90.1      | 24.819  | 28.8533 |
| 2009 | 6     | 10  | 15   | 51     | 7      | 0.3       | 3.6     | 1.33  | 88.7      | 24.7967 | 29.2637 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 10  | 16   | 1      | 7      | 0.3       | 3.6     | 1.36  | 88.6      | 24.7967 | 29.7739 |
| 2009 | 6     | 10  | 16   | 11     | 7      | 0.3       | 3.6     | 1.35  | 90        | 24.7967 | 29.7739 |
| 2009 | 6     | 10  | 16   | 21     | 7      | 0.3       | 3.6     | 1.36  | 91.5      | 24.7743 | 29.7461 |
| 2009 | 6     | 10  | 16   | 31     | 7      | 0.3       | 3.6     | 1.33  | 91.3      | 24.7743 | 29.1635 |
| 2009 | 6     | 10  | 16   | 41     | 7      | 0.3       | 3.6     | 1.34  | 89.3      | 24.752  | 29.2817 |
| 2009 | 6     | 10  | 16   | 51     | 7      | 0.3       | 3.6     | 1.33  | 89.2      | 24.752  | 29.209  |
| 2009 | 6     | 10  | 17   | 1      | 7      | 0.3       | 3.6     | 1.36  | 87.6      | 24.752  | 29.7911 |
| 2009 | 6     | 10  | 17   | 11     | 7      | 0.3       | 3.6     | 1.35  | 89.9      | 24.752  | 29.5728 |
| 2009 | 6     | 10  | 17   | 21     | 7      | 0.3       | 3.6     | 1.35  | 88.6      | 24.7296 | 29.6178 |
| 2009 | 6     | 10  | 17   | 31     | 7      | 0.3       | 3.6     | 1.35  | 88.5      | 24.7296 | 29.5451 |
| 2009 | 6     | 10  | 17   | 41     | 7      | 0.3       | 3.6     | 1.36  | 89.4      | 24.7296 | 29.7632 |
| 2009 | 6     | 10  | 17   | 51     | 7      | 0.3       | 3.6     | 1.3   | 86.1      | 24.7296 | 28.4549 |
| 2009 | 6     | 10  | 18   | 1      | 7      | 0.3       | 3.6     | 1.34  | 88.6      | 24.7296 | 29.3997 |
| 2009 | 6     | 10  | 18   | 11     | 7      | 0.3       | 3.6     | 1.36  | 90.7      | 24.7072 | 29.6627 |
| 2009 | 6     | 10  | 18   | 21     | 7      | 0.3       | 3.6     | 1.33  | 88.3      | 24.7072 | 29.0091 |
| 2009 | 6     | 10  | 18   | 31     | 7      | 0.3       | 3.6     | 1.33  | 88.3      | 24.7072 | 29.0091 |
| 2009 | 6     | 10  | 18   | 41     | 7      | 0.3       | 3.6     | 1.3   | 87.4      | 24.7072 | 28.5008 |
| 2009 | 6     | 10  | 18   | 51     | 7      | 0.3       | 3.6     | 1.33  | 88.3      | 24.7072 | 29.0091 |
| 2009 | 6     | 10  | 19   | 1      | 7      | 0.3       | 3.6     | 1.32  | 89.4      | 24.7072 | 28.7912 |
| 2009 | 6     | 10  | 19   | 11     | 7      | 0.3       | 3.6     | 1.34  | 87.3      | 24.6848 | 29.3446 |
| 2009 | 6     | 10  | 19   | 21     | 7      | 0.3       | 3.6     | 1.36  | 89.3      | 24.6848 | 29.78   |
| 2009 | 6     | 10  | 19   | 31     | 7      | 0.3       | 3.6     | 1.33  | 89.7      | 24.6624 | 29.0271 |
| 2009 | 6     | 10  | 19   | 41     | 7      | 0.3       | 3.6     | 1.34  | 89.3      | 24.6848 | 29.1995 |
| 2009 | 6     | 10  | 19   | 51     | 7      | 0.3       | 3.6     | 1.31  | 90.3      | 24.6624 | 28.6647 |
| 2009 | 6     | 10  | 20   | 1      | 7      | 0.3       | 3.6     | 1.35  | 87.8      | 24.6624 | 29.3895 |
| 2009 | 6     | 10  | 20   | 11     | 7      | 0.3       | 3.6     | 1.33  | 87.2      | 24.6624 | 28.9546 |
| 2009 | 6     | 10  | 20   | 21     | 7      | 0.3       | 3.6     | 1.3   | 89        | 24.6401 | 28.3482 |
| 2009 | 6     | 10  | 20   | 31     | 7      | 0.3       | 3.6     | 1.31  | 87.1      | 24.6401 | 28.493  |
| 2009 | 6     | 10  | 20   | 41     | 7      | 0.3       | 3.6     | 1.34  | 89.9      | 24.6401 | 29.2895 |
| 2009 | 6     | 10  | 20   | 51     | 7      | 0.3       | 3.6     | 1.34  | 89.3      | 24.6401 | 29.2171 |
| 2009 | 6     | 10  | 21   | 1      | 7      | 0.3       | 3.6     | 1.31  | 91.9      | 24.6177 | 28.6108 |
| 2009 | 6     | 10  | 21   | 11     | 7      | 0.3       | 3.6     | 1.29  | 87.4      | 24.6177 | 28.1769 |
| 2009 | 6     | 10  | 21   | 21     | 7      | 0.3       | 3.6     | 1.31  | 90.4      | 24.6177 | 28.5385 |
| 2009 | 6     | 10  | 21   | 31     | 7      | 0.3       | 3.6     | 1.33  | 89.1      | 24.5953 | 28.873  |
| 2009 | 6     | 10  | 21   | 41     | 7      | 0.3       | 3.6     | 1.34  | 90        | 24.5729 | 29.1346 |
| 2009 | 6     | 10  | 21   | 51     | 7      | 0.3       | 3.6     | 1.33  | 89.4      | 24.5729 | 28.9901 |
| 2009 | 6     | 10  | 22   | 1      | 7      | 0.3       | 3.6     | 1.34  | 88.7      | 24.5729 | 29.0623 |
| 2009 | 6     | 10  | 22   | 11     | 7      | 0.3       | 3.6     | 1.31  | 88.6      | 24.5729 | 28.5569 |
| 2009 | 6     | 10  | 22   | 21     | 7      | 0.3       | 3.6     | 1.35  | 89.6      | 24.5505 | 29.2513 |
| 2009 | 6     | 10  | 22   | 31     | 7      | 0.3       | 3.6     | 1.34  | 90.4      | 24.528  | 29.0074 |
| 2009 | 6     | 10  | 22   | 41     | 7      | 0.3       | 3.6     | 1.33  | 89.4      | 24.528  | 28.7912 |
| 2009 | 6     | 10  | 22   | 51     | 7      | 0.3       | 3.6     | 1.34  | 88.2      | 24.5056 | 29.052  |
| 2009 | 6     | 10  | 23   | 1      | 7      | 0.3       | 3.6     | 1.31  | 91.7      | 24.528  | 28.4309 |
| 2009 | 6     | 10  | 23   | 11     | 7      | 0.3       | 3.6     | 1.32  | 88.7      | 24.5056 | 28.692  |
| 2009 | 6     | 10  | 23   | 21     | 7      | 0.3       | 3.6     | 1.34  | 88        | 24.4832 | 29.0964 |
| 2009 | 6     | 10  | 23   | 31     | 7      | 0.3       | 3.6     | 1.31  | 88.1      | 24.5056 | 28.476  |
| 2009 | 6     | 10  | 23   | 41     | 7      | 0.3       | 3.6     | 1.31  | 87.8      | 24.4832 | 28.3771 |
| 2009 | 6     | 10  | 23   | 51     | 7      | 0.3       | 3.6     | 1.32  | 89.1      | 24.4832 | 28.6648 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 11  | 0    | 1      | 7      | 0.3       | 3.6     | 1.34  | 88.7      | 24.4832 | 29.0964 |
| 2009 | 6     | 11  | 0    | 11     | 7      | 0.3       | 3.6     | 1.36  | 89        | 24.4608 | 29.4282 |
| 2009 | 6     | 11  | 0    | 21     | 7      | 0.3       | 3.6     | 1.33  | 89.1      | 24.4608 | 28.7095 |
| 2009 | 6     | 11  | 0    | 31     | 7      | 0.3       | 3.6     | 1.32  | 89.7      | 24.4608 | 28.6376 |
| 2009 | 6     | 11  | 0    | 41     | 7      | 0.3       | 3.6     | 1.35  | 89.6      | 24.4608 | 29.2126 |
| 2009 | 6     | 11  | 0    | 51     | 7      | 0.3       | 3.6     | 1.28  | 88.7      | 24.4383 | 27.6773 |
| 2009 | 6     | 11  | 1    | 1      | 7      | 0.3       | 3.6     | 1.3   | 87.1      | 24.4383 | 28.0361 |
| 2009 | 6     | 11  | 1    | 11     | 7      | 0.3       | 3.6     | 1.35  | 90        | 24.4383 | 29.3285 |
| 2009 | 6     | 11  | 1    | 21     | 7      | 0.3       | 3.6     | 1.31  | 89.3      | 24.4383 | 28.3951 |
| 2009 | 6     | 11  | 1    | 31     | 7      | 0.3       | 3.6     | 1.36  | 89.3      | 24.4383 | 29.5439 |
| 2009 | 6     | 11  | 1    | 41     | 7      | 0.3       | 3.6     | 1.31  | 88.4      | 24.4159 | 28.2246 |
| 2009 | 6     | 11  | 1    | 51     | 7      | 0.3       | 3.6     | 1.31  | 88.4      | 24.4159 | 28.3681 |
| 2009 | 6     | 11  | 2    | 1      | 7      | 0.3       | 3.6     | 1.34  | 89        | 24.4159 | 29.0136 |
| 2009 | 6     | 11  | 2    | 11     | 7      | 0.3       | 3.6     | 1.33  | 86.9      | 24.4159 | 28.7267 |
| 2009 | 6     | 11  | 2    | 21     | 7      | 0.3       | 3.6     | 1.29  | 87.8      | 24.4159 | 27.9378 |
| 2009 | 6     | 11  | 2    | 31     | 7      | 0.3       | 3.6     | 1.3   | 90.4      | 24.4159 | 28.1529 |
| 2009 | 6     | 11  | 2    | 41     | 7      | 0.3       | 3.6     | 1.35  | 89.6      | 24.4159 | 29.0854 |
| 2009 | 6     | 11  | 2    | 51     | 7      | 0.3       | 3.6     | 1.28  | 88.4      | 24.3935 | 27.553  |
| 2009 | 6     | 11  | 3    | 1      | 7      | 0.3       | 3.6     | 1.32  | 88.3      | 24.3935 | 28.4844 |
| 2009 | 6     | 11  | 3    | 11     | 7      | 0.3       | 3.6     | 1.32  | 89.9      | 24.3935 | 28.4844 |
| 2009 | 6     | 11  | 3    | 21     | 7      | 0.3       | 3.6     | 1.32  | 88.2      | 24.3935 | 28.556  |
| 2009 | 6     | 11  | 3    | 31     | 7      | 0.3       | 3.6     | 1.33  | 89.4      | 24.3935 | 28.6993 |
| 2009 | 6     | 11  | 3    | 41     | 7      | 0.3       | 3.6     | 1.33  | 90.7      | 24.371  | 28.7436 |
| 2009 | 6     | 11  | 3    | 51     | 7      | 0.3       | 3.6     | 1.31  | 90        | 24.371  | 28.1709 |
| 2009 | 6     | 11  | 4    | 1      | 7      | 0.3       | 3.6     | 1.31  | 90.7      | 24.371  | 28.3141 |
| 2009 | 6     | 11  | 4    | 11     | 7      | 0.3       | 3.6     | 1.3   | 86.1      | 24.371  | 27.8846 |
| 2009 | 6     | 11  | 4    | 21     | 7      | 0.3       | 3.6     | 1.33  | 89.9      | 24.371  | 28.6004 |
| 2009 | 6     | 11  | 4    | 31     | 7      | 0.3       | 3.6     | 1.31  | 87.8      | 24.371  | 28.1709 |
| 2009 | 6     | 11  | 4    | 41     | 7      | 0.3       | 3.6     | 1.32  | 87.7      | 24.3486 | 28.3586 |
| 2009 | 6     | 11  | 4    | 51     | 7      | 0.3       | 3.6     | 1.33  | 89.6      | 24.371  | 28.672  |
| 2009 | 6     | 11  | 5    | 1      | 7      | 0.3       | 3.6     | 1.31  | 87.8      | 24.3486 | 28.144  |
| 2009 | 6     | 11  | 5    | 11     | 7      | 0.3       | 3.6     | 1.29  | 89.4      | 24.3486 | 27.715  |
| 2009 | 6     | 11  | 5    | 21     | 7      | 0.3       | 3.6     | 1.33  | 90        | 24.3261 | 28.5459 |
| 2009 | 6     | 11  | 5    | 31     | 7      | 0.3       | 3.6     | 1.3   | 88.8      | 24.3261 | 27.9743 |
| 2009 | 6     | 11  | 5    | 41     | 7      | 0.3       | 3.6     | 1.32  | 87.6      | 24.3261 | 28.4744 |
| 2009 | 6     | 11  | 5    | 51     | 7      | 0.3       | 3.6     | 1.3   | 90.6      | 24.3036 | 27.9475 |
| 2009 | 6     | 11  | 6    | 1      | 7      | 0.3       | 3.6     | 1.34  | 87.6      | 24.3036 | 28.8041 |
| 2009 | 6     | 11  | 6    | 11     | 7      | 0.3       | 3.6     | 1.34  | 89.9      | 24.3036 | 28.7327 |
| 2009 | 6     | 11  | 6    | 21     | 7      | 0.3       | 3.6     | 1.32  | 89.7      | 24.2812 | 28.2773 |
| 2009 | 6     | 11  | 6    | 31     | 7      | 0.3       | 3.6     | 1.28  | 88.8      | 24.2587 | 27.5379 |
| 2009 | 6     | 11  | 6    | 41     | 7      | 0.3       | 3.6     | 1.3   | 87.7      | 24.2812 | 27.8495 |
| 2009 | 6     | 11  | 6    | 51     | 7      | 0.3       | 3.6     | 1.31  | 88.3      | 24.2362 | 28.0808 |
| 2009 | 6     | 11  | 7    | 1      | 7      | 0.3       | 3.6     | 1.3   | 88.4      | 24.2362 | 27.8673 |
| 2009 | 6     | 11  | 7    | 11     | 7      | 0.3       | 3.6     | 1.33  | 88        | 24.2362 | 28.5079 |
| 2009 | 6     | 11  | 7    | 21     | 7      | 0.3       | 3.6     | 1.28  | 87.6      | 24.2138 | 27.3429 |
| 2009 | 6     | 11  | 7    | 31     | 7      | 0.3       | 3.6     | 1.34  | 90.4      | 24.2138 | 28.6227 |
| 2009 | 6     | 11  | 7    | 41     | 7      | 0.3       | 3.6     | 1.3   | 87.8      | 24.2138 | 27.9116 |
| 2009 | 6     | 11  | 7    | 51     | 7      | 0.3       | 3.6     | 1.27  | 89        | 24.1913 | 27.1746 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 11  | 8    | 1      | 7      | 0.3       | 3.6     | 1.29  | 87.8      | 24.1688 | 27.6451 |
| 2009 | 6     | 11  | 8    | 11     | 7      | 0.3       | 3.6     | 1.34  | 90.4      | 24.1688 | 28.7097 |
| 2009 | 6     | 11  | 8    | 21     | 7      | 0.3       | 3.6     | 1.3   | 90        | 24.1688 | 27.7161 |
| 2009 | 6     | 11  | 8    | 31     | 7      | 0.3       | 3.6     | 1.31  | 87.6      | 24.1688 | 27.9999 |
| 2009 | 6     | 11  | 8    | 41     | 7      | 0.3       | 3.6     | 1.32  | 90        | 24.1688 | 28.2838 |
| 2009 | 6     | 11  | 8    | 51     | 7      | 0.3       | 3.6     | 1.3   | 89.1      | 24.1688 | 27.858  |
| 2009 | 6     | 11  | 9    | 1      | 7      | 0.3       | 3.6     | 1.29  | 87.8      | 24.1463 | 27.6185 |
| 2009 | 6     | 11  | 9    | 11     | 7      | 0.3       | 3.6     | 1.34  | 87.9      | 24.1463 | 28.5402 |
| 2009 | 6     | 11  | 9    | 21     | 7      | 0.3       | 3.6     | 1.35  | 88        | 24.1463 | 28.753  |
| 2009 | 6     | 11  | 9    | 31     | 7      | 0.3       | 3.6     | 1.29  | 89.9      | 24.1238 | 27.4502 |
| 2009 | 6     | 11  | 9    | 41     | 7      | 0.3       | 3.6     | 1.31  | 90.9      | 24.1238 | 27.946  |
| 2009 | 6     | 11  | 9    | 51     | 7      | 0.3       | 3.6     | 1.31  | 86.7      | 24.1238 | 28.0168 |
| 2009 | 6     | 11  | 10   | 1      | 7      | 0.3       | 3.6     | 1.27  | 90        | 24.1238 | 27.167  |
| 2009 | 6     | 11  | 10   | 11     | 7      | 0.3       | 3.6     | 1.31  | 90.3      | 24.1238 | 27.8751 |
| 2009 | 6     | 11  | 10   | 21     | 7      | 0.3       | 3.6     | 1.28  | 88.2      | 24.1238 | 27.2378 |
| 2009 | 6     | 11  | 10   | 31     | 7      | 0.3       | 3.6     | 1.27  | 89.4      | 24.1013 | 27.1408 |
| 2009 | 6     | 11  | 10   | 41     | 7      | 0.3       | 3.6     | 1.31  | 88.3      | 24.1013 | 27.919  |
| 2009 | 6     | 11  | 10   | 51     | 7      | 0.3       | 3.6     | 1.3   | 89        | 24.1013 | 27.7775 |
| 2009 | 6     | 11  | 11   | 1      | 7      | 0.3       | 3.6     | 1.3   | 91.2      | 24.0788 | 27.7508 |
| 2009 | 6     | 11  | 11   | 11     | 7      | 0.3       | 3.6     | 1.28  | 88.2      | 24.0788 | 27.256  |
| 2009 | 6     | 11  | 11   | 21     | 7      | 0.3       | 3.6     | 1.32  | 90.1      | 24.0563 | 28.0065 |
| 2009 | 6     | 11  | 11   | 31     | 7      | 0.3       | 3.6     | 1.31  | 89        | 24.0338 | 27.9089 |
| 2009 | 6     | 11  | 11   | 41     | 7      | 0.3       | 3.6     | 1.26  | 90        | 24.0338 | 26.7802 |
| 2009 | 6     | 11  | 11   | 51     | 7      | 0.3       | 3.6     | 1.29  | 90        | 24.0112 | 27.3181 |
| 2009 | 6     | 11  | 12   | 1      | 7      | 0.3       | 3.6     | 1.3   | 89.9      | 23.9887 | 27.5029 |
| 2009 | 6     | 11  | 12   | 11     | 7      | 0.3       | 3.6     | 1.3   | 89.6      | 23.9662 | 27.5466 |
| 2009 | 6     | 11  | 12   | 21     | 7      | 0.3       | 3.6     | 1.24  | 88.6      | 23.9887 | 26.3765 |
| 2009 | 6     | 11  | 12   | 31     | 7      | 0.3       | 3.6     | 1.28  | 89.6      | 23.9662 | 27.0542 |
| 2009 | 6     | 11  | 12   | 41     | 7      | 0.3       | 3.6     | 1.27  | 89.3      | 23.9437 | 26.9577 |
| 2009 | 6     | 11  | 12   | 51     | 7      | 0.3       | 3.6     | 1.3   | 86.5      | 23.9437 | 27.5199 |
| 2009 | 6     | 11  | 13   | 1      | 7      | 0.3       | 3.6     | 1.32  | 90.6      | 23.9437 | 27.8713 |
| 2009 | 6     | 11  | 13   | 11     | 7      | 0.3       | 3.6     | 1.25  | 88.9      | 23.9211 | 26.4402 |
| 2009 | 6     | 11  | 13   | 21     | 7      | 0.3       | 3.6     | 1.28  | 88.4      | 23.9211 | 27.1421 |
| 2009 | 6     | 11  | 13   | 31     | 7      | 0.3       | 3.6     | 1.28  | 87.9      | 23.9211 | 27.0719 |
| 2009 | 6     | 11  | 13   | 41     | 7      | 0.3       | 3.6     | 1.24  | 88.2      | 23.9211 | 26.2998 |
| 2009 | 6     | 11  | 13   | 51     | 7      | 0.3       | 3.6     | 1.3   | 88        | 23.9211 | 27.4229 |
| 2009 | 6     | 11  | 14   | 1      | 7      | 0.3       | 3.6     | 1.26  | 90.4      | 23.8986 | 26.6248 |
| 2009 | 6     | 11  | 14   | 11     | 7      | 0.3       | 3.6     | 1.3   | 91.2      | 23.8986 | 27.3963 |
| 2009 | 6     | 11  | 14   | 21     | 7      | 0.3       | 3.6     | 1.28  | 90        | 23.8986 | 27.1157 |
| 2009 | 6     | 11  | 14   | 31     | 7      | 0.3       | 3.6     | 1.25  | 90.1      | 23.876  | 26.4588 |
| 2009 | 6     | 11  | 14   | 41     | 7      | 0.3       | 3.6     | 1.26  | 88.4      | 23.876  | 26.5989 |
| 2009 | 6     | 11  | 14   | 51     | 7      | 0.3       | 3.6     | 1.28  | 87.2      | 23.876  | 26.9492 |
| 2009 | 6     | 11  | 15   | 1      | 7      | 0.3       | 3.6     | 1.27  | 90        | 23.8535 | 26.713  |
| 2009 | 6     | 11  | 15   | 11     | 7      | 0.3       | 3.6     | 1.25  | 90        | 23.8535 | 26.2931 |
| 2009 | 6     | 11  | 15   | 21     | 7      | 0.3       | 3.6     | 1.29  | 88.2      | 23.8309 | 27.1065 |
| 2009 | 6     | 11  | 15   | 31     | 7      | 0.3       | 3.6     | 1.24  | 89.1      | 23.8084 | 26.172  |
| 2009 | 6     | 11  | 15   | 41     | 7      | 0.3       | 3.6     | 1.3   | 86.2      | 23.7633 | 27.1666 |
| 2009 | 6     | 11  | 15   | 51     | 7      | 0.3       | 3.6     | 1.28  | 90.3      | 23.7633 | 26.9574 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 11  | 16   | 1      | 7      | 0.3       | 3.6     | 1.24  | 89.1      | 23.7633 | 26.1208 |
| 2009 | 6     | 11  | 16   | 11     | 7      | 0.3       | 3.6     | 1.25  | 89.6      | 23.7407 | 26.3041 |
| 2009 | 6     | 11  | 16   | 21     | 7      | 0.3       | 3.6     | 1.25  | 88.6      | 23.7407 | 26.2345 |
| 2009 | 6     | 11  | 16   | 31     | 7      | 0.3       | 3.6     | 1.28  | 88.8      | 23.7181 | 26.7654 |
| 2009 | 6     | 11  | 16   | 41     | 7      | 0.3       | 3.6     | 1.28  | 89.4      | 23.6955 | 26.7391 |
| 2009 | 6     | 11  | 16   | 51     | 7      | 0.3       | 3.6     | 1.28  | 90.3      | 23.6955 | 26.7391 |
| 2009 | 6     | 11  | 17   | 1      | 7      | 0.3       | 3.6     | 1.26  | 89.9      | 23.6955 | 26.3916 |
| 2009 | 6     | 11  | 17   | 11     | 7      | 0.3       | 3.6     | 1.25  | 87.7      | 23.673  | 26.1573 |
| 2009 | 6     | 11  | 17   | 21     | 7      | 0.3       | 3.6     | 1.27  | 90.4      | 23.673  | 26.5045 |
| 2009 | 6     | 11  | 17   | 31     | 7      | 0.3       | 3.6     | 1.24  | 89.5      | 23.673  | 25.8796 |
| 2009 | 6     | 11  | 17   | 41     | 7      | 0.3       | 3.6     | 1.29  | 88.3      | 23.6504 | 26.9641 |
| 2009 | 6     | 11  | 17   | 51     | 7      | 0.3       | 3.6     | 1.28  | 90        | 23.6504 | 26.8253 |
| 2009 | 6     | 11  | 18   | 1      | 7      | 0.3       | 3.6     | 1.28  | 86.2      | 23.6504 | 26.6866 |
| 2009 | 6     | 11  | 18   | 11     | 7      | 0.3       | 3.6     | 1.29  | 90.4      | 23.6504 | 26.8947 |
| 2009 | 6     | 11  | 18   | 21     | 7      | 0.3       | 3.6     | 1.24  | 87.9      | 23.6278 | 25.9673 |
| 2009 | 6     | 11  | 18   | 31     | 7      | 0.3       | 3.6     | 1.24  | 88        | 23.6278 | 25.898  |
| 2009 | 6     | 11  | 18   | 41     | 7      | 0.3       | 3.6     | 1.28  | 86.8      | 23.6278 | 26.591  |
| 2009 | 6     | 11  | 18   | 51     | 7      | 0.3       | 3.6     | 1.27  | 89        | 23.6052 | 26.4955 |
| 2009 | 6     | 11  | 19   | 1      | 7      | 0.3       | 3.6     | 1.22  | 87.7      | 23.6052 | 25.5263 |
| 2009 | 6     | 11  | 19   | 11     | 7      | 0.3       | 3.6     | 1.27  | 89        | 23.5826 | 26.4694 |
| 2009 | 6     | 11  | 19   | 21     | 7      | 0.3       | 3.6     | 1.26  | 89.3      | 23.5826 | 26.1927 |
| 2009 | 6     | 11  | 19   | 31     | 7      | 0.3       | 3.6     | 1.25  | 90.2      | 23.5826 | 25.9852 |
| 2009 | 6     | 11  | 19   | 41     | 7      | 0.3       | 3.6     | 1.24  | 88.9      | 23.56   | 25.8904 |
| 2009 | 6     | 11  | 19   | 51     | 7      | 0.3       | 3.6     | 1.27  | 87.6      | 23.5374 | 26.348  |
| 2009 | 6     | 11  | 20   | 1      | 7      | 0.3       | 3.6     | 1.2   | 88.6      | 23.5374 | 24.9677 |
| 2009 | 6     | 11  | 20   | 11     | 7      | 0.3       | 3.6     | 1.24  | 88.9      | 23.5148 | 25.8392 |
| 2009 | 6     | 11  | 20   | 21     | 7      | 0.3       | 3.6     | 1.27  | 89.9      | 23.4922 | 26.4336 |
| 2009 | 6     | 11  | 20   | 31     | 7      | 0.3       | 3.6     | 1.25  | 88.9      | 23.4922 | 25.8825 |
| 2009 | 6     | 11  | 20   | 41     | 7      | 0.3       | 3.6     | 1.27  | 90.1      | 23.4696 | 26.3386 |
| 2009 | 6     | 11  | 20   | 51     | 7      | 0.3       | 3.6     | 1.22  | 89.4      | 23.4469 | 25.2124 |
| 2009 | 6     | 11  | 21   | 1      | 7      | 0.3       | 3.6     | 1.26  | 87.5      | 23.4469 | 26.0373 |
| 2009 | 6     | 11  | 21   | 11     | 7      | 0.3       | 3.6     | 1.25  | 88.8      | 23.4243 | 25.8741 |
| 2009 | 6     | 11  | 21   | 21     | 7      | 0.3       | 3.6     | 1.26  | 88.8      | 23.4243 | 26.0114 |
| 2009 | 6     | 11  | 21   | 31     | 7      | 0.3       | 3.6     | 1.25  | 90        | 23.4243 | 25.8054 |
| 2009 | 6     | 11  | 21   | 41     | 7      | 0.3       | 3.6     | 1.27  | 88.1      | 23.4017 | 26.1914 |
| 2009 | 6     | 11  | 21   | 51     | 7      | 0.3       | 3.6     | 1.25  | 89.5      | 23.4017 | 25.8483 |
| 2009 | 6     | 11  | 22   | 1      | 7      | 0.3       | 3.6     | 1.22  | 89.1      | 23.4017 | 25.2308 |
| 2009 | 6     | 11  | 22   | 11     | 7      | 0.3       | 3.6     | 1.21  | 88.4      | 23.379  | 24.9316 |
| 2009 | 6     | 11  | 22   | 21     | 7      | 0.3       | 3.6     | 1.22  | 88.6      | 23.379  | 25.2057 |
| 2009 | 6     | 11  | 22   | 31     | 7      | 0.3       | 3.6     | 1.27  | 89.6      | 23.379  | 26.3024 |
| 2009 | 6     | 11  | 22   | 41     | 7      | 0.3       | 3.6     | 1.26  | 89.7      | 23.379  | 25.9596 |
| 2009 | 6     | 11  | 22   | 51     | 7      | 0.3       | 3.6     | 1.2   | 89.5      | 23.379  | 24.8631 |
| 2009 | 6     | 11  | 23   | 1      | 7      | 0.3       | 3.6     | 1.22  | 88.9      | 23.379  | 25.2742 |
| 2009 | 6     | 11  | 23   | 11     | 7      | 0.3       | 3.6     | 1.23  | 89.1      | 23.3564 | 25.3859 |
| 2009 | 6     | 11  | 23   | 21     | 7      | 0.3       | 3.6     | 1.26  | 87.8      | 23.3564 | 25.9337 |
| 2009 | 6     | 11  | 23   | 31     | 7      | 0.3       | 3.6     | 1.27  | 88.4      | 23.3564 | 26.2762 |
| 2009 | 6     | 11  | 23   | 41     | 7      | 0.3       | 3.6     | 1.25  | 88.1      | 23.3564 | 25.8652 |
| 2009 | 6     | 11  | 23   | 51     | 7      | 0.3       | 3.6     | 1.25  | 88.8      | 23.3338 | 25.771  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 12  | 0    | 1      | 7      | 0.3       | 3.6     | 1.25  | 88.8      | 23.3338 | 25.771  |
| 2009 | 6     | 12  | 0    | 11     | 7      | 0.3       | 3.6     | 1.23  | 88.8      | 23.3338 | 25.429  |
| 2009 | 6     | 12  | 0    | 21     | 7      | 0.3       | 3.6     | 1.24  | 88.9      | 23.3338 | 25.5658 |
| 2009 | 6     | 12  | 0    | 31     | 7      | 0.3       | 3.6     | 1.26  | 87.8      | 23.3338 | 25.9762 |
| 2009 | 6     | 12  | 0    | 41     | 7      | 0.3       | 3.6     | 1.26  | 89.6      | 23.3111 | 25.8819 |
| 2009 | 6     | 12  | 0    | 51     | 7      | 0.3       | 3.6     | 1.22  | 89.5      | 23.3111 | 25.0619 |
| 2009 | 6     | 12  | 1    | 1      | 7      | 0.3       | 3.6     | 1.24  | 88.3      | 23.3111 | 25.5402 |
| 2009 | 6     | 12  | 1    | 11     | 7      | 0.3       | 3.6     | 1.21  | 90.2      | 23.2885 | 24.9685 |
| 2009 | 6     | 12  | 1    | 21     | 7      | 0.3       | 3.6     | 1.2   | 87.8      | 23.2885 | 24.7638 |
| 2009 | 6     | 12  | 1    | 31     | 7      | 0.3       | 3.6     | 1.25  | 89.1      | 23.2885 | 25.6512 |
| 2009 | 6     | 12  | 1    | 41     | 7      | 0.3       | 3.6     | 1.22  | 87.1      | 23.2885 | 24.9685 |
| 2009 | 6     | 12  | 1    | 51     | 7      | 0.3       | 3.6     | 1.27  | 90.3      | 23.2658 | 26.0347 |
| 2009 | 6     | 12  | 2    | 1      | 7      | 0.3       | 3.6     | 1.25  | 88.2      | 23.2432 | 25.5997 |
| 2009 | 6     | 12  | 2    | 11     | 7      | 0.3       | 3.6     | 1.22  | 87.5      | 23.2432 | 24.9185 |
| 2009 | 6     | 12  | 2    | 21     | 7      | 0.3       | 3.6     | 1.22  | 86.6      | 23.2432 | 25.0547 |
| 2009 | 6     | 12  | 2    | 31     | 7      | 0.3       | 3.6     | 1.24  | 88.9      | 23.2205 | 25.4379 |
| 2009 | 6     | 12  | 2    | 41     | 7      | 0.3       | 3.6     | 1.25  | 88.9      | 23.2205 | 25.574  |
| 2009 | 6     | 12  | 2    | 51     | 7      | 0.3       | 3.6     | 1.2   | 87.8      | 23.2205 | 24.5532 |
| 2009 | 6     | 12  | 3    | 1      | 7      | 0.3       | 3.6     | 1.22  | 90        | 23.1979 | 24.9363 |
| 2009 | 6     | 12  | 3    | 11     | 7      | 0.3       | 3.6     | 1.27  | 89.4      | 23.1979 | 25.9563 |
| 2009 | 6     | 12  | 3    | 21     | 7      | 0.3       | 3.6     | 1.22  | 88.9      | 23.1979 | 24.9363 |
| 2009 | 6     | 12  | 3    | 31     | 7      | 0.3       | 3.6     | 1.26  | 88.5      | 23.1752 | 25.8622 |
| 2009 | 6     | 12  | 3    | 41     | 7      | 0.3       | 3.6     | 1.25  | 88.3      | 23.1525 | 25.4968 |
| 2009 | 6     | 12  | 3    | 51     | 7      | 0.3       | 3.6     | 1.23  | 86.9      | 23.1525 | 25.0897 |
| 2009 | 6     | 12  | 4    | 1      | 7      | 0.3       | 3.6     | 1.23  | 88.5      | 23.1525 | 25.0897 |
| 2009 | 6     | 12  | 4    | 11     | 7      | 0.3       | 3.6     | 1.25  | 87.6      | 23.1299 | 25.5389 |
| 2009 | 6     | 12  | 4    | 21     | 7      | 0.3       | 3.6     | 1.23  | 90.5      | 23.1299 | 25.1999 |
| 2009 | 6     | 12  | 4    | 31     | 7      | 0.3       | 3.6     | 1.22  | 88.1      | 23.1299 | 24.861  |
| 2009 | 6     | 12  | 4    | 41     | 7      | 0.3       | 3.6     | 1.22  | 89.7      | 23.1299 | 24.861  |
| 2009 | 6     | 12  | 4    | 51     | 7      | 0.3       | 3.6     | 1.19  | 88.4      | 23.1299 | 24.3866 |
| 2009 | 6     | 12  | 5    | 1      | 7      | 0.3       | 3.3     | 1.22  | 88.8      | 23.1072 | 24.9036 |
| 2009 | 6     | 12  | 5    | 11     | 7      | 0.3       | 3.3     | 1.22  | 88.9      | 23.1072 | 24.9713 |
| 2009 | 6     | 12  | 5    | 21     | 7      | 0.3       | 3.3     | 1.24  | 87.3      | 23.1072 | 25.2422 |
| 2009 | 6     | 12  | 5    | 31     | 7      | 0.3       | 3.3     | 1.23  | 87.2      | 23.1072 | 25.039  |
| 2009 | 6     | 12  | 5    | 41     | 7      | 0.3       | 3.3     | 1.24  | 88        | 23.1072 | 25.2422 |
| 2009 | 6     | 12  | 5    | 51     | 7      | 0.3       | 3.3     | 1.21  | 87.7      | 23.0845 | 24.6755 |
| 2009 | 6     | 12  | 6    | 1      | 7      | 0.3       | 3.3     | 1.19  | 87.5      | 23.0845 | 24.2021 |
| 2009 | 6     | 12  | 6    | 11     | 7      | 0.3       | 3.3     | 1.25  | 88.2      | 23.0845 | 25.4196 |
| 2009 | 6     | 12  | 6    | 21     | 7      | 0.3       | 3.3     | 1.26  | 90        | 23.0845 | 25.6903 |
| 2009 | 6     | 12  | 6    | 31     | 7      | 0.3       | 3.3     | 1.21  | 89.5      | 23.0618 | 24.6505 |
| 2009 | 6     | 12  | 6    | 41     | 7      | 0.3       | 3.3     | 1.2   | 86.2      | 23.0845 | 24.3373 |
| 2009 | 6     | 12  | 6    | 51     | 7      | 0.3       | 3.3     | 1.23  | 89.4      | 23.0618 | 25.1235 |
| 2009 | 6     | 12  | 7    | 1      | 7      | 0.3       | 3.3     | 1.25  | 90        | 23.0618 | 25.3939 |
| 2009 | 6     | 12  | 7    | 11     | 7      | 0.3       | 3.3     | 1.3   | 89        | 23.0618 | 26.4756 |
| 2009 | 6     | 12  | 7    | 21     | 7      | 0.3       | 3.3     | 1.18  | 90        | 23.0618 | 24.0425 |
| 2009 | 6     | 12  | 7    | 31     | 7      | 0.3       | 3.3     | 1.22  | 90.5      | 23.0618 | 24.7856 |
| 2009 | 6     | 12  | 7    | 41     | 7      | 0.3       | 3.3     | 1.2   | 89.4      | 23.0392 | 24.3555 |
| 2009 | 6     | 12  | 7    | 51     | 7      | 0.3       | 3.3     | 1.21  | 89.1      | 23.0392 | 24.558  |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 12  | 8    | 1      | 7      | 0.3       | 3.3     | 1.21  | 89.8      | 23.0392 | 24.558  |
| 2009 | 6     | 12  | 8    | 11     | 7      | 0.3       | 3.3     | 1.2   | 88.9      | 23.0392 | 24.4905 |
| 2009 | 6     | 12  | 8    | 21     | 7      | 0.3       | 3.3     | 1.24  | 85.6      | 23.0392 | 25.1656 |
| 2009 | 6     | 12  | 8    | 31     | 7      | 0.3       | 3.3     | 1.18  | 88.1      | 23.0392 | 23.8831 |
| 2009 | 6     | 12  | 8    | 41     | 7      | 0.3       | 3.3     | 1.22  | 89.2      | 23.0392 | 24.7605 |
| 2009 | 6     | 12  | 8    | 51     | 7      | 0.3       | 3.3     | 1.18  | 88.9      | 23.0392 | 23.9506 |
| 2009 | 6     | 12  | 9    | 1      | 7      | 0.3       | 3.3     | 1.23  | 89.7      | 23.0165 | 25.0051 |
| 2009 | 6     | 12  | 9    | 11     | 7      | 0.3       | 3.3     | 1.2   | 88.3      | 23.0165 | 24.3308 |
| 2009 | 6     | 12  | 9    | 21     | 7      | 0.3       | 3.3     | 1.19  | 90        | 23.0165 | 24.2634 |
| 2009 | 6     | 12  | 9    | 31     | 7      | 0.3       | 3.3     | 1.18  | 88.4      | 23.0165 | 23.9263 |
| 2009 | 6     | 12  | 9    | 41     | 7      | 0.3       | 3.3     | 1.23  | 88.5      | 22.9938 | 24.9123 |
| 2009 | 6     | 12  | 9    | 51     | 7      | 0.3       | 3.3     | 1.23  | 89.1      | 22.9938 | 24.9797 |
| 2009 | 6     | 12  | 10   | 1      | 7      | 0.3       | 3.3     | 1.2   | 89.8      | 22.9938 | 24.4408 |
| 2009 | 6     | 12  | 10   | 11     | 7      | 0.3       | 3.3     | 1.22  | 86.9      | 22.9711 | 24.7524 |
| 2009 | 6     | 12  | 10   | 21     | 7      | 0.3       | 3.3     | 1.25  | 87.4      | 22.9484 | 25.3324 |
| 2009 | 6     | 12  | 10   | 31     | 7      | 0.3       | 3.3     | 1.26  | 91.3      | 22.9257 | 25.4409 |
| 2009 | 6     | 12  | 10   | 41     | 7      | 0.3       | 3.3     | 1.24  | 90.5      | 22.9257 | 25.0378 |
| 2009 | 6     | 12  | 10   | 51     | 7      | 0.3       | 3.3     | 1.24  | 89.5      | 22.903  | 25.0123 |
| 2009 | 6     | 12  | 11   | 1      | 7      | 0.3       | 3.3     | 1.23  | 88.8      | 22.903  | 24.811  |
| 2009 | 6     | 12  | 11   | 11     | 7      | 0.3       | 3.3     | 1.21  | 90.2      | 22.903  | 24.5426 |
| 2009 | 6     | 12  | 11   | 21     | 7      | 0.3       | 3.3     | 1.2   | 90.5      | 22.8803 | 24.2494 |
| 2009 | 6     | 12  | 11   | 31     | 7      | 0.3       | 3.3     | 1.22  | 90.3      | 22.8803 | 24.7186 |
| 2009 | 6     | 12  | 11   | 41     | 7      | 0.3       | 3.3     | 1.23  | 90.3      | 22.8576 | 24.7603 |
| 2009 | 6     | 12  | 11   | 51     | 7      | 0.3       | 3.3     | 1.23  | 91.2      | 22.8576 | 24.7603 |
| 2009 | 6     | 12  | 12   | 1      | 7      | 0.3       | 3.3     | 1.22  | 89.7      | 22.8576 | 24.6933 |
| 2009 | 6     | 12  | 12   | 11     | 7      | 0.3       | 3.3     | 1.2   | 88.3      | 22.8576 | 24.2916 |
| 2009 | 6     | 12  | 12   | 21     | 7      | 0.3       | 3.3     | 1.22  | 87.8      | 22.8576 | 24.6263 |
| 2009 | 6     | 12  | 12   | 31     | 7      | 0.3       | 3.3     | 1.19  | 89.5      | 22.8576 | 23.9569 |
| 2009 | 6     | 12  | 12   | 41     | 7      | 0.3       | 3.3     | 1.19  | 88.9      | 22.8576 | 24.0238 |
| 2009 | 6     | 12  | 12   | 51     | 7      | 0.3       | 3.3     | 1.18  | 88.9      | 22.8576 | 23.8899 |
| 2009 | 6     | 12  | 13   | 1      | 7      | 0.3       | 3.3     | 1.22  | 87.5      | 22.8348 | 24.4673 |
| 2009 | 6     | 12  | 13   | 11     | 7      | 0.3       | 3.3     | 1.22  | 90        | 22.8348 | 24.6011 |
| 2009 | 6     | 12  | 13   | 21     | 7      | 0.3       | 3.3     | 1.21  | 89.5      | 22.8348 | 24.3336 |
| 2009 | 6     | 12  | 13   | 31     | 7      | 0.3       | 3.3     | 1.19  | 87.6      | 22.8121 | 23.9078 |
| 2009 | 6     | 12  | 13   | 41     | 7      | 0.3       | 3.3     | 1.22  | 88.8      | 22.8348 | 24.668  |
| 2009 | 6     | 12  | 13   | 51     | 7      | 0.3       | 3.3     | 1.21  | 91.2      | 22.8121 | 24.3086 |
| 2009 | 6     | 12  | 14   | 1      | 7      | 0.3       | 3.3     | 1.21  | 90        | 22.8121 | 24.3754 |
| 2009 | 6     | 12  | 14   | 11     | 7      | 0.3       | 3.3     | 1.18  | 89.4      | 22.7894 | 23.7498 |
| 2009 | 6     | 12  | 14   | 21     | 7      | 0.3       | 3.3     | 1.18  | 88.9      | 22.7894 | 23.6831 |
| 2009 | 6     | 12  | 14   | 31     | 7      | 0.3       | 3.3     | 1.16  | 88.4      | 22.7894 | 23.3494 |
| 2009 | 6     | 12  | 14   | 41     | 7      | 0.3       | 3.3     | 1.18  | 91.4      | 22.7894 | 23.6831 |
| 2009 | 6     | 12  | 14   | 51     | 7      | 0.3       | 3.3     | 1.13  | 89.8      | 22.744  | 22.7023 |
| 2009 | 6     | 12  | 15   | 1      | 7      | 0.3       | 3.3     | 1.16  | 88.4      | 22.744  | 23.1683 |
| 2009 | 6     | 12  | 15   | 11     | 7      | 0.3       | 3.3     | 1.17  | 88.7      | 22.744  | 23.5678 |
| 2009 | 6     | 12  | 15   | 21     | 7      | 0.3       | 3.3     | 1.2   | 89.7      | 22.744  | 24.034  |
| 2009 | 6     | 12  | 15   | 31     | 7      | 0.3       | 3.3     | 1.16  | 87.7      | 22.744  | 23.2349 |
| 2009 | 6     | 12  | 15   | 41     | 7      | 0.3       | 3.3     | 1.17  | 86.6      | 22.7212 | 23.344  |
| 2009 | 6     | 12  | 15   | 51     | 7      | 0.3       | 3.3     | 1.2   | 90.5      | 22.7212 | 24.0092 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 12  | 16   | 1      | 7      | 0.3       | 3.3     | 1.18  | 88.3      | 22.7212 | 23.7431 |
| 2009 | 6     | 12  | 16   | 11     | 7      | 0.3       | 3.3     | 1.18  | 89.5      | 22.6758 | 23.6941 |
| 2009 | 6     | 12  | 16   | 21     | 7      | 0.3       | 3.3     | 1.19  | 88.1      | 22.6758 | 23.8933 |
| 2009 | 6     | 12  | 16   | 31     | 7      | 0.3       | 3.3     | 1.19  | 90.3      | 22.653  | 23.736  |
| 2009 | 6     | 12  | 16   | 41     | 7      | 0.3       | 3.3     | 1.16  | 85.6      | 22.6758 | 23.1631 |
| 2009 | 6     | 12  | 16   | 51     | 7      | 0.3       | 3.3     | 1.17  | 87.4      | 22.653  | 23.3381 |
| 2009 | 6     | 12  | 17   | 1      | 7      | 0.3       | 3.3     | 1.18  | 90        | 22.653  | 23.6033 |
| 2009 | 6     | 12  | 17   | 11     | 7      | 0.3       | 3.3     | 1.2   | 88.3      | 22.653  | 24.0013 |
| 2009 | 6     | 12  | 17   | 21     | 7      | 0.3       | 3.3     | 1.19  | 88.9      | 22.6075 | 23.753  |
| 2009 | 6     | 12  | 17   | 31     | 7      | 0.3       | 3.3     | 1.14  | 90        | 22.6075 | 22.6281 |
| 2009 | 6     | 12  | 17   | 41     | 7      | 0.3       | 3.3     | 1.17  | 90        | 22.6075 | 23.3559 |
| 2009 | 6     | 12  | 17   | 51     | 7      | 0.3       | 3.3     | 1.19  | 87.5      | 22.6075 | 23.753  |
| 2009 | 6     | 12  | 18   | 1      | 7      | 0.3       | 3.3     | 1.18  | 86.6      | 22.5848 | 23.3978 |
| 2009 | 6     | 12  | 18   | 11     | 7      | 0.3       | 3.3     | 1.18  | 89        | 22.5848 | 23.464  |
| 2009 | 6     | 12  | 18   | 21     | 7      | 0.3       | 3.3     | 1.15  | 89.7      | 22.5848 | 22.869  |
| 2009 | 6     | 12  | 18   | 31     | 7      | 0.3       | 3.3     | 1.18  | 89.8      | 22.562  | 23.4396 |
| 2009 | 6     | 12  | 18   | 41     | 7      | 0.3       | 3.3     | 1.19  | 87        | 22.562  | 23.6377 |
| 2009 | 6     | 12  | 18   | 51     | 7      | 0.3       | 3.3     | 1.18  | 89        | 22.562  | 23.4396 |
| 2009 | 6     | 12  | 19   | 1      | 7      | 0.3       | 3.3     | 1.17  | 87.1      | 22.562  | 23.1754 |
| 2009 | 6     | 12  | 19   | 11     | 7      | 0.3       | 3.3     | 1.2   | 89.5      | 22.562  | 23.902  |
| 2009 | 6     | 12  | 19   | 21     | 7      | 0.3       | 3.3     | 1.17  | 87.9      | 22.5393 | 23.2833 |
| 2009 | 6     | 12  | 19   | 31     | 7      | 0.3       | 3.3     | 1.17  | 90        | 22.5393 | 23.2833 |
| 2009 | 6     | 12  | 19   | 41     | 7      | 0.3       | 3.3     | 1.18  | 88.9      | 22.5393 | 23.5472 |
| 2009 | 6     | 12  | 19   | 51     | 7      | 0.3       | 3.3     | 1.19  | 90        | 22.5393 | 23.6792 |
| 2009 | 6     | 12  | 20   | 1      | 7      | 0.3       | 3.3     | 1.16  | 87.7      | 22.5393 | 23.0854 |
| 2009 | 6     | 12  | 20   | 11     | 7      | 0.3       | 3.3     | 1.17  | 92.1      | 22.5165 | 23.2591 |
| 2009 | 6     | 12  | 20   | 21     | 7      | 0.3       | 3.3     | 1.17  | 87.4      | 22.5165 | 23.2591 |
| 2009 | 6     | 12  | 20   | 31     | 7      | 0.3       | 3.3     | 1.19  | 88.1      | 22.5165 | 23.6545 |
| 2009 | 6     | 12  | 20   | 41     | 7      | 0.3       | 3.3     | 1.17  | 89.7      | 22.5165 | 23.2591 |
| 2009 | 6     | 12  | 20   | 51     | 7      | 0.3       | 3.3     | 1.16  | 88.2      | 22.5165 | 23.0614 |
| 2009 | 6     | 12  | 21   | 1      | 7      | 0.3       | 3.3     | 1.18  | 88.4      | 22.4938 | 23.4982 |
| 2009 | 6     | 12  | 21   | 11     | 7      | 0.3       | 3.3     | 1.15  | 89.3      | 22.4938 | 22.9057 |
| 2009 | 6     | 12  | 21   | 21     | 7      | 0.3       | 3.3     | 1.18  | 89.5      | 22.4938 | 23.4982 |
| 2009 | 6     | 12  | 21   | 31     | 7      | 0.3       | 3.3     | 1.18  | 90.6      | 22.4938 | 23.4982 |
| 2009 | 6     | 12  | 21   | 41     | 7      | 0.3       | 3.3     | 1.19  | 87.8      | 22.4938 | 23.564  |
| 2009 | 6     | 12  | 21   | 51     | 7      | 0.3       | 3.3     | 1.16  | 89.5      | 22.4938 | 23.0374 |
| 2009 | 6     | 12  | 22   | 1      | 7      | 0.3       | 3.3     | 1.21  | 90        | 22.471  | 24      |
| 2009 | 6     | 12  | 22   | 11     | 7      | 0.3       | 3.3     | 1.18  | 88.1      | 22.471  | 23.3422 |
| 2009 | 6     | 12  | 22   | 21     | 7      | 0.3       | 3.3     | 1.12  | 87.8      | 22.471  | 22.2244 |
| 2009 | 6     | 12  | 22   | 31     | 7      | 0.3       | 3.3     | 1.18  | 89.7      | 22.4482 | 23.3835 |
| 2009 | 6     | 12  | 22   | 41     | 7      | 0.3       | 3.3     | 1.16  | 89.2      | 22.4482 | 23.055  |
| 2009 | 6     | 12  | 22   | 51     | 7      | 0.3       | 3.3     | 1.18  | 90        | 22.4482 | 23.4492 |
| 2009 | 6     | 12  | 23   | 1      | 7      | 0.3       | 3.3     | 1.18  | 90        | 22.4255 | 23.2934 |
| 2009 | 6     | 12  | 23   | 11     | 7      | 0.3       | 3.3     | 1.17  | 88.7      | 22.4482 | 23.1864 |
| 2009 | 6     | 12  | 23   | 21     | 7      | 0.3       | 3.3     | 1.13  | 87.3      | 22.4255 | 22.2436 |
| 2009 | 6     | 12  | 23   | 31     | 7      | 0.3       | 3.3     | 1.14  | 89.2      | 22.4255 | 22.5716 |
| 2009 | 6     | 12  | 23   | 41     | 7      | 0.3       | 3.3     | 1.15  | 89.7      | 22.4027 | 22.6791 |
| 2009 | 6     | 12  | 23   | 51     | 7      | 0.3       | 3.3     | 1.18  | 88.6      | 22.4255 | 23.3591 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 13  | 0    | 1      | 7      | 0.3       | 3.3     | 1.14  | 88.8      | 22.3799 | 22.4589 |
| 2009 | 6     | 13  | 0    | 11     | 7      | 0.3       | 3.3     | 1.18  | 90.3      | 22.3799 | 23.3757 |
| 2009 | 6     | 13  | 0    | 21     | 7      | 0.3       | 3.3     | 1.17  | 89.5      | 22.4027 | 23.1379 |
| 2009 | 6     | 13  | 0    | 31     | 7      | 0.3       | 3.3     | 1.17  | 89.5      | 22.3571 | 23.0241 |
| 2009 | 6     | 13  | 0    | 41     | 7      | 0.3       | 3.3     | 1.16  | 88.2      | 22.3799 | 22.9172 |
| 2009 | 6     | 13  | 0    | 51     | 7      | 0.3       | 3.3     | 1.16  | 90.5      | 22.3571 | 22.8932 |
| 2009 | 6     | 13  | 1    | 1      | 7      | 0.3       | 3.3     | 1.19  | 88.9      | 22.3571 | 23.5475 |
| 2009 | 6     | 13  | 1    | 11     | 7      | 0.3       | 3.3     | 1.19  | 89.2      | 22.3571 | 23.5475 |
| 2009 | 6     | 13  | 1    | 21     | 7      | 0.3       | 3.3     | 1.17  | 90.5      | 22.3344 | 23.1306 |
| 2009 | 6     | 13  | 1    | 31     | 7      | 0.3       | 3.3     | 1.11  | 90.7      | 22.3344 | 21.8892 |
| 2009 | 6     | 13  | 1    | 41     | 7      | 0.3       | 3.3     | 1.18  | 88.4      | 22.3344 | 23.2613 |
| 2009 | 6     | 13  | 1    | 51     | 7      | 0.3       | 3.3     | 1.18  | 87.6      | 22.3344 | 23.1306 |
| 2009 | 6     | 13  | 2    | 1      | 7      | 0.3       | 3.3     | 1.13  | 87.8      | 22.3344 | 22.1505 |
| 2009 | 6     | 13  | 2    | 11     | 7      | 0.3       | 3.3     | 1.14  | 87.9      | 22.3344 | 22.4118 |
| 2009 | 6     | 13  | 2    | 21     | 7      | 0.3       | 3.3     | 1.2   | 88.4      | 22.3116 | 23.6287 |
| 2009 | 6     | 13  | 2    | 31     | 7      | 0.3       | 3.3     | 1.18  | 89.5      | 22.3116 | 23.1716 |
| 2009 | 6     | 13  | 2    | 41     | 7      | 0.3       | 3.3     | 1.19  | 89.5      | 22.3116 | 23.3675 |
| 2009 | 6     | 13  | 2    | 51     | 7      | 0.3       | 3.3     | 1.18  | 89.2      | 22.3116 | 23.3022 |
| 2009 | 6     | 13  | 3    | 1      | 7      | 0.3       | 3.3     | 1.12  | 87.5      | 22.3116 | 21.9314 |
| 2009 | 6     | 13  | 3    | 11     | 7      | 0.3       | 3.3     | 1.15  | 88.5      | 22.3116 | 22.5188 |
| 2009 | 6     | 13  | 3    | 21     | 7      | 0.3       | 3.3     | 1.18  | 87.1      | 22.3116 | 23.1716 |
| 2009 | 6     | 13  | 3    | 31     | 7      | 0.3       | 3.3     | 1.14  | 90        | 22.3116 | 22.4535 |
| 2009 | 6     | 13  | 3    | 41     | 7      | 0.3       | 3.3     | 1.13  | 90.8      | 22.3116 | 22.2577 |
| 2009 | 6     | 13  | 3    | 51     | 7      | 0.3       | 3.3     | 1.16  | 88.9      | 22.3116 | 22.9104 |
| 2009 | 6     | 13  | 4    | 1      | 7      | 0.3       | 3.3     | 1.16  | 86.7      | 22.2888 | 22.6907 |
| 2009 | 6     | 13  | 4    | 11     | 7      | 0.3       | 3.3     | 1.18  | 89.2      | 22.2888 | 23.2776 |
| 2009 | 6     | 13  | 4    | 21     | 7      | 0.3       | 3.3     | 1.17  | 89.4      | 22.2888 | 23.082  |
| 2009 | 6     | 13  | 4    | 31     | 7      | 0.3       | 3.3     | 1.15  | 88.2      | 22.2888 | 22.5603 |
| 2009 | 6     | 13  | 4    | 41     | 7      | 0.3       | 3.3     | 1.15  | 89.3      | 22.2888 | 22.5603 |
| 2009 | 6     | 13  | 4    | 51     | 7      | 0.3       | 3.3     | 1.14  | 90        | 22.2888 | 22.4299 |
| 2009 | 6     | 13  | 5    | 1      | 7      | 0.3       | 3.3     | 1.11  | 88        | 22.2888 | 21.778  |
| 2009 | 6     | 13  | 5    | 11     | 7      | 0.3       | 3.3     | 1.14  | 89        | 22.266  | 22.3411 |
| 2009 | 6     | 13  | 5    | 21     | 7      | 0.3       | 3.3     | 1.15  | 89.3      | 22.2888 | 22.4951 |
| 2009 | 6     | 13  | 5    | 31     | 7      | 0.3       | 3.3     | 1.16  | 89        | 22.2888 | 22.8863 |
| 2009 | 6     | 13  | 5    | 41     | 7      | 0.3       | 3.3     | 1.16  | 87.7      | 22.266  | 22.7319 |
| 2009 | 6     | 13  | 5    | 51     | 7      | 0.3       | 3.3     | 1.15  | 89        | 22.266  | 22.4714 |
| 2009 | 6     | 13  | 6    | 1      | 7      | 0.3       | 3.3     | 1.19  | 88        | 22.266  | 23.4486 |
| 2009 | 6     | 13  | 6    | 11     | 7      | 0.3       | 3.3     | 1.15  | 88.2      | 22.266  | 22.5365 |
| 2009 | 6     | 13  | 6    | 21     | 7      | 0.3       | 3.3     | 1.13  | 85.8      | 22.266  | 22.0155 |
| 2009 | 6     | 13  | 6    | 31     | 7      | 0.3       | 3.3     | 1.15  | 88.9      | 22.266  | 22.4714 |
| 2009 | 6     | 13  | 6    | 41     | 7      | 0.3       | 3.3     | 1.14  | 88.8      | 22.266  | 22.276  |
| 2009 | 6     | 13  | 6    | 51     | 7      | 0.3       | 3.3     | 1.17  | 87.7      | 22.266  | 22.8622 |
| 2009 | 6     | 13  | 7    | 1      | 7      | 0.3       | 3.3     | 1.18  | 87        | 22.266  | 23.188  |
| 2009 | 6     | 13  | 7    | 11     | 7      | 0.3       | 3.3     | 1.18  | 89        | 22.266  | 23.2531 |
| 2009 | 6     | 13  | 7    | 21     | 7      | 0.3       | 3.3     | 1.15  | 89        | 22.266  | 22.5365 |
| 2009 | 6     | 13  | 7    | 31     | 7      | 0.3       | 3.3     | 1.17  | 87.4      | 22.266  | 22.8622 |
| 2009 | 6     | 13  | 7    | 41     | 7      | 0.3       | 3.3     | 1.19  | 88.1      | 22.2432 | 23.2937 |
| 2009 | 6     | 13  | 7    | 51     | 7      | 0.3       | 3.3     | 1.18  | 89.7      | 22.266  | 23.2531 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 13  | 8    | 1      | 7      | 0.3       | 3.3     | 1.13  | 88        | 22.266  | 22.0806 |
| 2009 | 6     | 13  | 8    | 11     | 7      | 0.3       | 3.3     | 1.13  | 88.7      | 22.2432 | 22.1875 |
| 2009 | 6     | 13  | 8    | 21     | 7      | 0.3       | 3.3     | 1.15  | 87.9      | 22.2432 | 22.4477 |
| 2009 | 6     | 13  | 8    | 31     | 7      | 0.3       | 3.3     | 1.17  | 88.1      | 22.2432 | 22.8381 |
| 2009 | 6     | 13  | 8    | 41     | 7      | 0.3       | 3.3     | 1.16  | 87.7      | 22.266  | 22.6668 |
| 2009 | 6     | 13  | 8    | 51     | 7      | 0.3       | 3.3     | 1.11  | 87.1      | 22.2432 | 21.6671 |
| 2009 | 6     | 13  | 9    | 1      | 7      | 0.3       | 3.3     | 1.14  | 86.7      | 22.2432 | 22.3826 |
| 2009 | 6     | 13  | 9    | 11     | 7      | 0.3       | 3.3     | 1.16  | 88.5      | 22.2432 | 22.708  |
| 2009 | 6     | 13  | 9    | 21     | 7      | 0.3       | 3.3     | 1.16  | 90.5      | 22.2432 | 22.708  |
| 2009 | 6     | 13  | 9    | 31     | 7      | 0.3       | 3.3     | 1.13  | 89        | 22.2432 | 22.1875 |
| 2009 | 6     | 13  | 9    | 41     | 7      | 0.3       | 3.3     | 1.14  | 89.3      | 22.2432 | 22.3176 |
| 2009 | 6     | 13  | 9    | 51     | 7      | 0.3       | 3.3     | 1.14  | 86.9      | 22.2432 | 22.3176 |
| 2009 | 6     | 13  | 10   | 1      | 7      | 0.3       | 3.3     | 1.18  | 90.5      | 22.2432 | 23.1635 |
| 2009 | 6     | 13  | 10   | 11     | 7      | 0.3       | 3.3     | 1.13  | 88.5      | 22.2432 | 22.1875 |
| 2009 | 6     | 13  | 10   | 21     | 7      | 0.3       | 3.3     | 1.15  | 86.9      | 22.2432 | 22.4477 |
| 2009 | 6     | 13  | 10   | 31     | 7      | 0.3       | 3.3     | 1.14  | 85.9      | 22.2432 | 22.3826 |
| 2009 | 6     | 13  | 10   | 41     | 7      | 0.3       | 3.3     | 1.17  | 88.6      | 22.2432 | 23.0334 |
| 2009 | 6     | 13  | 10   | 51     | 7      | 0.3       | 3.3     | 1.16  | 86.7      | 22.2432 | 22.6429 |
| 2009 | 6     | 13  | 11   | 1      | 7      | 0.3       | 3.3     | 1.17  | 88.5      | 22.2432 | 22.8381 |
| 2009 | 6     | 13  | 11   | 11     | 7      | 0.3       | 3.3     | 1.14  | 90        | 22.2432 | 22.3826 |
| 2009 | 6     | 13  | 11   | 21     | 7      | 0.3       | 3.3     | 1.16  | 87.7      | 22.2432 | 22.6429 |
| 2009 | 6     | 13  | 11   | 31     | 7      | 0.3       | 3.3     | 1.17  | 86.8      | 22.2204 | 22.814  |
| 2009 | 6     | 13  | 11   | 41     | 7      | 0.3       | 3.3     | 1.16  | 88.7      | 22.2204 | 22.619  |
| 2009 | 6     | 13  | 11   | 51     | 7      | 0.3       | 3.3     | 1.17  | 89.7      | 22.2204 | 23.009  |
| 2009 | 6     | 13  | 12   | 1      | 7      | 0.3       | 3.3     | 1.13  | 87.2      | 22.2432 | 22.1224 |
| 2009 | 6     | 13  | 12   | 11     | 7      | 0.3       | 3.3     | 1.18  | 89.8      | 22.2204 | 23.2041 |
| 2009 | 6     | 13  | 12   | 21     | 7      | 0.3       | 3.3     | 1.15  | 87.4      | 22.2204 | 22.424  |
| 2009 | 6     | 13  | 12   | 31     | 7      | 0.3       | 3.3     | 1.17  | 89.5      | 22.2204 | 22.944  |
| 2009 | 6     | 13  | 12   | 41     | 7      | 0.3       | 3.3     | 1.13  | 86.7      | 22.2204 | 22.0341 |
| 2009 | 6     | 13  | 12   | 51     | 7      | 0.3       | 3.3     | 1.17  | 89        | 22.1976 | 22.8549 |
| 2009 | 6     | 13  | 13   | 1      | 7      | 0.3       | 3.3     | 1.16  | 89        | 22.2204 | 22.684  |
| 2009 | 6     | 13  | 13   | 11     | 7      | 0.3       | 3.3     | 1.13  | 88.2      | 22.1976 | 22.0108 |
| 2009 | 6     | 13  | 13   | 21     | 7      | 0.3       | 3.3     | 1.16  | 89.7      | 22.1748 | 22.6361 |
| 2009 | 6     | 13  | 13   | 31     | 7      | 0.3       | 3.3     | 1.15  | 87.7      | 22.152  | 22.3529 |
| 2009 | 6     | 13  | 13   | 41     | 7      | 0.3       | 3.3     | 1.17  | 87.4      | 22.152  | 22.8065 |
| 2009 | 6     | 13  | 13   | 51     | 7      | 0.3       | 3.3     | 1.14  | 88.7      | 22.152  | 22.1586 |
| 2009 | 6     | 13  | 14   | 1      | 7      | 0.3       | 3.3     | 1.15  | 86.7      | 22.152  | 22.3529 |
| 2009 | 6     | 13  | 14   | 11     | 7      | 0.3       | 3.3     | 1.16  | 89.5      | 22.152  | 22.6769 |
| 2009 | 6     | 13  | 14   | 21     | 7      | 0.3       | 3.3     | 1.15  | 89.2      | 22.1976 | 22.4003 |
| 2009 | 6     | 13  | 14   | 31     | 7      | 0.3       | 3.3     | 1.14  | 91        | 22.1292 | 22.135  |
| 2009 | 6     | 13  | 14   | 41     | 7      | 0.3       | 3.3     | 1.14  | 88.7      | 22.152  | 22.1586 |
| 2009 | 6     | 13  | 14   | 51     | 7      | 0.3       | 3.3     | 1.16  | 90.2      | 22.152  | 22.6769 |
| 2009 | 6     | 13  | 15   | 1      | 7      | 0.3       | 3.3     | 1.2   | 88.9      | 22.1292 | 23.4298 |
| 2009 | 6     | 13  | 15   | 11     | 7      | 0.3       | 3.3     | 1.17  | 89.7      | 22.152  | 22.8713 |
| 2009 | 6     | 13  | 15   | 21     | 7      | 0.3       | 3.3     | 1.15  | 87.5      | 22.1064 | 22.3055 |
| 2009 | 6     | 13  | 15   | 31     | 7      | 0.3       | 3.3     | 1.15  | 89.7      | 22.1292 | 22.3939 |
| 2009 | 6     | 13  | 15   | 41     | 7      | 0.3       | 3.3     | 1.13  | 89.8      | 22.1064 | 21.9176 |
| 2009 | 6     | 13  | 15   | 51     | 7      | 0.3       | 3.3     | 1.13  | 89        | 22.0836 | 22.0235 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 13  | 16   | 1      | 7      | 0.3       | 3.3     | 1.14  | 87.9      | 22.0836 | 22.2172 |
| 2009 | 6     | 13  | 16   | 11     | 7      | 0.3       | 3.3     | 1.15  | 90        | 22.1064 | 22.4995 |
| 2009 | 6     | 13  | 16   | 21     | 7      | 0.3       | 3.3     | 1.15  | 90.8      | 22.0836 | 22.2818 |
| 2009 | 6     | 13  | 16   | 31     | 7      | 0.3       | 3.3     | 1.17  | 90.2      | 22.0836 | 22.7339 |
| 2009 | 6     | 13  | 16   | 41     | 7      | 0.3       | 3.3     | 1.11  | 89.8      | 22.0608 | 21.5485 |
| 2009 | 6     | 13  | 16   | 51     | 7      | 0.3       | 3.3     | 1.16  | 88.7      | 22.0836 | 22.4756 |
| 2009 | 6     | 13  | 17   | 1      | 7      | 0.3       | 3.3     | 1.15  | 88.5      | 22.0608 | 22.2581 |
| 2009 | 6     | 13  | 17   | 11     | 7      | 0.3       | 3.3     | 1.16  | 89.7      | 22.038  | 22.6211 |
| 2009 | 6     | 13  | 17   | 21     | 7      | 0.3       | 3.3     | 1.13  | 88.2      | 22.0608 | 21.871  |
| 2009 | 6     | 13  | 17   | 31     | 7      | 0.3       | 3.3     | 1.16  | 88.2      | 22.038  | 22.4922 |
| 2009 | 6     | 13  | 17   | 41     | 7      | 0.3       | 3.3     | 1.15  | 87        | 22.038  | 22.2344 |
| 2009 | 6     | 13  | 17   | 51     | 7      | 0.3       | 3.3     | 1.16  | 87.4      | 22.038  | 22.4277 |
| 2009 | 6     | 13  | 18   | 1      | 7      | 0.3       | 3.3     | 1.14  | 88.5      | 22.038  | 22.0411 |
| 2009 | 6     | 13  | 18   | 11     | 7      | 0.3       | 3.3     | 1.16  | 88.7      | 22.038  | 22.4277 |
| 2009 | 6     | 13  | 18   | 21     | 7      | 0.3       | 3.3     | 1.13  | 88.8      | 22.038  | 21.9122 |
| 2009 | 6     | 13  | 18   | 31     | 7      | 0.3       | 3.3     | 1.16  | 88.1      | 22.038  | 22.4922 |
| 2009 | 6     | 13  | 18   | 41     | 7      | 0.3       | 3.3     | 1.13  | 87.5      | 22.038  | 21.9766 |
| 2009 | 6     | 13  | 18   | 51     | 7      | 0.3       | 3.3     | 1.08  | 87.2      | 22.038  | 21.0103 |
| 2009 | 6     | 13  | 19   | 1      | 7      | 0.3       | 3.3     | 1.1   | 87.3      | 22.038  | 21.3968 |
| 2009 | 6     | 13  | 19   | 11     | 7      | 0.3       | 3.3     | 1.17  | 89.8      | 22.038  | 22.75   |
| 2009 | 6     | 13  | 19   | 21     | 7      | 0.3       | 3.3     | 1.12  | 89.8      | 22.038  | 21.7189 |
| 2009 | 6     | 13  | 19   | 31     | 7      | 0.3       | 3.3     | 1.13  | 86.7      | 22.038  | 21.9766 |
| 2009 | 6     | 13  | 19   | 41     | 7      | 0.3       | 3.3     | 1.17  | 89.5      | 22.0152 | 22.7902 |
| 2009 | 6     | 13  | 19   | 51     | 7      | 0.3       | 3.3     | 1.1   | 88.6      | 22.038  | 21.3968 |
| 2009 | 6     | 13  | 20   | 1      | 7      | 0.3       | 3.3     | 1.13  | 88.8      | 22.038  | 21.9766 |
| 2009 | 6     | 13  | 20   | 11     | 7      | 0.3       | 3.3     | 1.15  | 87.5      | 22.0152 | 22.2751 |
| 2009 | 6     | 13  | 20   | 21     | 7      | 0.3       | 3.3     | 1.1   | 88.8      | 22.0152 | 21.3096 |
| 2009 | 6     | 13  | 20   | 31     | 7      | 0.3       | 3.3     | 1.11  | 87.5      | 22.0152 | 21.4383 |
| 2009 | 6     | 13  | 20   | 41     | 7      | 0.3       | 3.3     | 1.14  | 87.7      | 22.0152 | 22.0175 |
| 2009 | 6     | 13  | 20   | 51     | 7      | 0.3       | 3.3     | 1.16  | 90        | 22.0152 | 22.597  |
| 2009 | 6     | 13  | 21   | 1      | 7      | 0.3       | 3.3     | 1.11  | 90.7      | 22.0152 | 21.567  |
| 2009 | 6     | 13  | 21   | 11     | 7      | 0.3       | 3.3     | 1.13  | 88.8      | 22.0152 | 21.8244 |
| 2009 | 6     | 13  | 21   | 21     | 7      | 0.3       | 3.3     | 1.11  | 88.8      | 22.0152 | 21.4383 |
| 2009 | 6     | 13  | 21   | 31     | 7      | 0.3       | 3.3     | 1.12  | 88        | 22.0152 | 21.6313 |
| 2009 | 6     | 13  | 21   | 41     | 7      | 0.3       | 3.3     | 1.11  | 88.6      | 21.9923 | 21.4797 |
| 2009 | 6     | 13  | 21   | 51     | 7      | 0.3       | 3.3     | 1.13  | 88.3      | 21.9923 | 21.8011 |
| 2009 | 6     | 13  | 22   | 1      | 7      | 0.3       | 3.3     | 1.09  | 85.9      | 21.9923 | 21.0297 |
| 2009 | 6     | 13  | 22   | 11     | 7      | 0.3       | 3.3     | 1.17  | 87.4      | 21.9923 | 22.6372 |
| 2009 | 6     | 13  | 22   | 21     | 7      | 0.3       | 3.3     | 1.13  | 88.8      | 21.9923 | 21.9297 |
| 2009 | 6     | 13  | 22   | 31     | 7      | 0.3       | 3.3     | 1.15  | 87.2      | 21.9923 | 22.187  |
| 2009 | 6     | 13  | 22   | 41     | 7      | 0.3       | 3.3     | 1.15  | 89        | 21.9923 | 22.187  |
| 2009 | 6     | 13  | 22   | 51     | 7      | 0.3       | 3.3     | 1.14  | 88.2      | 21.9923 | 22.0583 |
| 2009 | 6     | 13  | 23   | 1      | 7      | 0.3       | 3.3     | 1.16  | 88.2      | 21.9923 | 22.3799 |
| 2009 | 6     | 13  | 23   | 11     | 7      | 0.3       | 3.3     | 1.15  | 86.6      | 21.9923 | 22.2513 |
| 2009 | 6     | 13  | 23   | 21     | 7      | 0.3       | 3.3     | 1.13  | 87.8      | 21.9923 | 21.9297 |
| 2009 | 6     | 13  | 23   | 31     | 7      | 0.3       | 3.3     | 1.12  | 87.6      | 21.9695 | 21.6494 |
| 2009 | 6     | 13  | 23   | 41     | 7      | 0.3       | 3.3     | 1.12  | 88.7      | 21.9923 | 21.6726 |
| 2009 | 6     | 13  | 23   | 51     | 7      | 0.3       | 3.3     | 1.15  | 86.7      | 21.9695 | 22.2275 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 14  | 0    | 1      | 7      | 0.3       | 3.3     | 1.11  | 87.3      | 21.9923 | 21.544  |
| 2009 | 6     | 14  | 0    | 11     | 7      | 0.3       | 3.3     | 1.12  | 88.2      | 21.9923 | 21.6726 |
| 2009 | 6     | 14  | 0    | 21     | 7      | 0.3       | 3.3     | 1.13  | 89.8      | 21.9923 | 21.8654 |
| 2009 | 6     | 14  | 0    | 31     | 7      | 0.3       | 3.3     | 1.11  | 87.1      | 21.9695 | 21.3925 |
| 2009 | 6     | 14  | 0    | 41     | 7      | 0.3       | 3.3     | 1.13  | 87.5      | 21.9695 | 21.7778 |
| 2009 | 6     | 14  | 0    | 51     | 7      | 0.3       | 3.3     | 1.18  | 90        | 21.9695 | 22.8058 |
| 2009 | 6     | 14  | 1    | 1      | 7      | 0.3       | 3.3     | 1.13  | 90.7      | 21.9695 | 21.8421 |
| 2009 | 6     | 14  | 1    | 11     | 7      | 0.3       | 3.3     | 1.12  | 88        | 21.9695 | 21.6494 |
| 2009 | 6     | 14  | 1    | 21     | 7      | 0.3       | 3.3     | 1.13  | 89.3      | 21.9695 | 21.8421 |
| 2009 | 6     | 14  | 1    | 31     | 7      | 0.3       | 3.3     | 1.14  | 90        | 21.9695 | 22.099  |
| 2009 | 6     | 14  | 1    | 41     | 7      | 0.3       | 3.3     | 1.17  | 90.8      | 21.9695 | 22.613  |
| 2009 | 6     | 14  | 1    | 51     | 7      | 0.3       | 3.3     | 1.1   | 87.9      | 21.9695 | 21.2641 |
| 2009 | 6     | 14  | 2    | 1      | 7      | 0.3       | 3.3     | 1.11  | 85.1      | 21.9695 | 21.3283 |
| 2009 | 6     | 14  | 2    | 11     | 7      | 0.3       | 3.3     | 1.15  | 89.3      | 21.9695 | 22.356  |
| 2009 | 6     | 14  | 2    | 21     | 7      | 0.3       | 3.3     | 1.12  | 86.5      | 21.9695 | 21.6494 |
| 2009 | 6     | 14  | 2    | 31     | 7      | 0.3       | 3.3     | 1.13  | 86.7      | 21.9695 | 21.8421 |
| 2009 | 6     | 14  | 2    | 41     | 7      | 0.3       | 3.3     | 1.08  | 87.4      | 21.9695 | 20.8147 |
| 2009 | 6     | 14  | 2    | 51     | 7      | 0.3       | 3.3     | 1.13  | 88        | 21.9467 | 21.8187 |
| 2009 | 6     | 14  | 3    | 1      | 7      | 0.3       | 3.3     | 1.15  | 89.7      | 21.9695 | 22.356  |
| 2009 | 6     | 14  | 3    | 11     | 7      | 0.3       | 3.3     | 1.14  | 87.5      | 21.9695 | 21.9705 |
| 2009 | 6     | 14  | 3    | 21     | 7      | 0.3       | 3.3     | 1.14  | 90        | 21.9695 | 22.099  |
| 2009 | 6     | 14  | 3    | 31     | 7      | 0.3       | 3.3     | 1.1   | 89.3      | 21.9467 | 21.1772 |
| 2009 | 6     | 14  | 3    | 41     | 7      | 0.3       | 3.3     | 1.11  | 86.5      | 21.9695 | 21.5209 |
| 2009 | 6     | 14  | 3    | 51     | 7      | 0.3       | 3.3     | 1.18  | 89.8      | 21.9695 | 22.87   |
| 2009 | 6     | 14  | 4    | 1      | 7      | 0.3       | 3.3     | 1.14  | 88.2      | 21.9467 | 22.0112 |
| 2009 | 6     | 14  | 4    | 11     | 7      | 0.3       | 3.3     | 1.13  | 92.2      | 21.9467 | 21.8829 |
| 2009 | 6     | 14  | 4    | 21     | 7      | 0.3       | 3.3     | 1.17  | 88.7      | 21.9467 | 22.5888 |
| 2009 | 6     | 14  | 4    | 31     | 7      | 0.3       | 3.3     | 1.1   | 88.8      | 21.9467 | 21.3055 |
| 2009 | 6     | 14  | 4    | 41     | 7      | 0.3       | 3.3     | 1.18  | 90.6      | 21.9467 | 22.9098 |
| 2009 | 6     | 14  | 4    | 51     | 7      | 0.3       | 3.3     | 1.14  | 89.5      | 21.9467 | 22.0754 |
| 2009 | 6     | 14  | 5    | 1      | 7      | 0.3       | 3.3     | 1.11  | 87.8      | 21.9467 | 21.4338 |
| 2009 | 6     | 14  | 5    | 11     | 7      | 0.3       | 3.3     | 1.13  | 86        | 21.9467 | 21.8829 |
| 2009 | 6     | 14  | 5    | 21     | 7      | 0.3       | 3.3     | 1.14  | 88.2      | 21.9467 | 21.947  |
| 2009 | 6     | 14  | 5    | 31     | 7      | 0.3       | 3.3     | 1.12  | 87.1      | 21.9467 | 21.5621 |
| 2009 | 6     | 14  | 5    | 41     | 7      | 0.3       | 3.3     | 1.14  | 89.2      | 21.9467 | 22.0112 |
| 2009 | 6     | 14  | 5    | 51     | 7      | 0.3       | 3.3     | 1.07  | 88.8      | 21.9467 | 20.6    |
| 2009 | 6     | 14  | 6    | 1      | 7      | 0.3       | 3.3     | 1.13  | 89.2      | 21.9467 | 21.8187 |
| 2009 | 6     | 14  | 6    | 11     | 7      | 0.3       | 3.3     | 1.12  | 86.7      | 21.9467 | 21.6904 |
| 2009 | 6     | 14  | 6    | 21     | 7      | 0.3       | 3.3     | 1.1   | 88.5      | 21.9467 | 21.2413 |
| 2009 | 6     | 14  | 6    | 31     | 7      | 0.3       | 3.3     | 1.14  | 86.7      | 21.9467 | 22.0112 |
| 2009 | 6     | 14  | 6    | 41     | 7      | 0.3       | 3.3     | 1.12  | 88        | 21.9467 | 21.6904 |
| 2009 | 6     | 14  | 6    | 51     | 7      | 0.3       | 3.3     | 1.09  | 85.2      | 21.9467 | 20.9848 |
| 2009 | 6     | 14  | 7    | 1      | 7      | 0.3       | 3.3     | 1.12  | 88.5      | 21.9467 | 21.6904 |
| 2009 | 6     | 14  | 7    | 11     | 7      | 0.3       | 3.3     | 1.12  | 86.8      | 21.9467 | 21.5621 |
| 2009 | 6     | 14  | 7    | 21     | 7      | 0.3       | 3.3     | 1.14  | 90        | 21.9467 | 22.0112 |
| 2009 | 6     | 14  | 7    | 31     | 7      | 0.3       | 3.3     | 1.12  | 87.5      | 21.9467 | 21.6262 |
| 2009 | 6     | 14  | 7    | 41     | 7      | 0.3       | 3.3     | 1.11  | 88.6      | 21.9467 | 21.3696 |
| 2009 | 6     | 14  | 7    | 51     | 7      | 0.3       | 3.3     | 1.14  | 88.8      | 21.9467 | 22.0112 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 14  | 8    | 1      | 7      | 0.3       | 3.3     | 1.13  | 89.7      | 21.9467 | 21.8187 |
| 2009 | 6     | 14  | 8    | 11     | 7      | 0.3       | 3.3     | 1.12  | 89        | 21.9467 | 21.6262 |
| 2009 | 6     | 14  | 8    | 21     | 7      | 0.3       | 3.3     | 1.11  | 88.6      | 21.9467 | 21.4338 |
| 2009 | 6     | 14  | 8    | 31     | 7      | 0.3       | 3.3     | 1.11  | 90.5      | 21.9467 | 21.3696 |
| 2009 | 6     | 14  | 8    | 41     | 7      | 0.3       | 3.3     | 1.13  | 90.2      | 21.9467 | 21.7545 |
| 2009 | 6     | 14  | 8    | 51     | 7      | 0.3       | 3.3     | 1.11  | 88.1      | 21.9467 | 21.4338 |
| 2009 | 6     | 14  | 9    | 1      | 7      | 0.3       | 3.3     | 1.12  | 87.3      | 21.9467 | 21.6262 |
| 2009 | 6     | 14  | 9    | 11     | 7      | 0.3       | 3.3     | 1.16  | 89.5      | 21.9467 | 22.3962 |
| 2009 | 6     | 14  | 9    | 21     | 7      | 0.3       | 3.3     | 1.15  | 88.9      | 21.9467 | 22.1395 |
| 2009 | 6     | 14  | 9    | 31     | 7      | 0.3       | 3.3     | 1.15  | 87.9      | 21.9467 | 22.2679 |
| 2009 | 6     | 14  | 9    | 41     | 7      | 0.3       | 3.3     | 1.13  | 86.8      | 21.9467 | 21.8829 |
| 2009 | 6     | 14  | 9    | 51     | 7      | 0.3       | 3.3     | 1.13  | 88.8      | 21.9467 | 21.8187 |
| 2009 | 6     | 14  | 10   | 1      | 7      | 0.3       | 3.3     | 1.09  | 87.4      | 21.9467 | 20.9848 |
| 2009 | 6     | 14  | 10   | 11     | 7      | 0.3       | 3.3     | 1.11  | 89.8      | 21.9467 | 21.3696 |
| 2009 | 6     | 14  | 10   | 21     | 7      | 0.3       | 3.3     | 1.15  | 89.5      | 21.9467 | 22.3321 |
| 2009 | 6     | 14  | 10   | 31     | 7      | 0.3       | 3.3     | 1.08  | 89.5      | 21.9467 | 20.7924 |
| 2009 | 6     | 14  | 10   | 41     | 7      | 0.3       | 3.3     | 1.1   | 88.3      | 21.9467 | 21.3055 |
| 2009 | 6     | 14  | 10   | 51     | 7      | 0.3       | 3.3     | 1.16  | 89.4      | 21.9467 | 22.3962 |
| 2009 | 6     | 14  | 11   | 1      | 7      | 0.3       | 3.3     | 1.11  | 89.7      | 21.9467 | 21.4338 |
| 2009 | 6     | 14  | 11   | 11     | 7      | 0.3       | 3.3     | 1.15  | 89.3      | 21.9467 | 22.1395 |
| 2009 | 6     | 14  | 11   | 21     | 7      | 0.3       | 3.3     | 1.12  | 89.5      | 21.9467 | 21.6904 |
| 2009 | 6     | 14  | 11   | 31     | 7      | 0.3       | 3.3     | 1.15  | 89.3      | 21.9467 | 22.2037 |
| 2009 | 6     | 14  | 11   | 41     | 7      | 0.3       | 3.3     | 1.12  | 88.7      | 21.9467 | 21.5621 |
| 2009 | 6     | 14  | 11   | 51     | 7      | 0.3       | 3.3     | 1.14  | 87.7      | 21.9695 | 22.0348 |
| 2009 | 6     | 14  | 12   | 1      | 7      | 0.3       | 3.3     | 1.13  | 86.7      | 21.9467 | 21.8829 |
| 2009 | 6     | 14  | 12   | 11     | 7      | 0.3       | 3.3     | 1.14  | 90        | 21.9467 | 21.947  |
| 2009 | 6     | 14  | 12   | 21     | 7      | 0.3       | 3.3     | 1.14  | 90.7      | 21.9467 | 22.0112 |
| 2009 | 6     | 14  | 12   | 31     | 7      | 0.3       | 3.3     | 1.11  | 87.6      | 21.9467 | 21.4979 |
| 2009 | 6     | 14  | 12   | 41     | 7      | 0.3       | 3.3     | 1.15  | 89.3      | 21.9467 | 22.1395 |
| 2009 | 6     | 14  | 12   | 51     | 7      | 0.3       | 3.3     | 1.13  | 91        | 21.9467 | 21.8187 |
| 2009 | 6     | 14  | 13   | 1      | 7      | 0.3       | 3.3     | 1.13  | 84.2      | 21.9467 | 21.7545 |
| 2009 | 6     | 14  | 13   | 11     | 7      | 0.3       | 3.3     | 1.12  | 90        | 21.9239 | 21.539  |
| 2009 | 6     | 14  | 13   | 21     | 7      | 0.3       | 3.3     | 1.14  | 91.3      | 21.9239 | 21.9235 |
| 2009 | 6     | 14  | 13   | 31     | 7      | 0.3       | 3.3     | 1.15  | 89.3      | 21.9239 | 22.1158 |
| 2009 | 6     | 14  | 13   | 41     | 7      | 0.3       | 3.3     | 1.11  | 89        | 21.901  | 21.3878 |
| 2009 | 6     | 14  | 13   | 51     | 7      | 0.3       | 3.3     | 1.13  | 87.8      | 21.9239 | 21.8594 |
| 2009 | 6     | 14  | 14   | 1      | 7      | 0.3       | 3.3     | 1.17  | 89.5      | 21.901  | 22.5404 |
| 2009 | 6     | 14  | 14   | 11     | 7      | 0.3       | 3.3     | 1.16  | 89.2      | 21.901  | 22.4764 |
| 2009 | 6     | 14  | 14   | 21     | 7      | 0.3       | 3.3     | 1.11  | 87.3      | 21.901  | 21.3878 |
| 2009 | 6     | 14  | 14   | 31     | 7      | 0.3       | 3.3     | 1.11  | 88        | 21.8782 | 21.4288 |
| 2009 | 6     | 14  | 14   | 41     | 7      | 0.3       | 3.3     | 1.07  | 85.1      | 21.901  | 20.6199 |
| 2009 | 6     | 14  | 14   | 51     | 7      | 0.3       | 3.3     | 1.13  | 89        | 21.8782 | 21.6846 |
| 2009 | 6     | 14  | 15   | 1      | 7      | 0.3       | 3.3     | 1.16  | 90.6      | 21.8782 | 22.3883 |
| 2009 | 6     | 14  | 15   | 11     | 7      | 0.3       | 3.3     | 1.15  | 88.4      | 21.8554 | 22.0447 |
| 2009 | 6     | 14  | 15   | 21     | 7      | 0.3       | 3.3     | 1.13  | 88.3      | 21.8782 | 21.7486 |
| 2009 | 6     | 14  | 15   | 31     | 7      | 0.3       | 3.3     | 1.13  | 87.3      | 21.8554 | 21.6613 |
| 2009 | 6     | 14  | 15   | 41     | 7      | 0.3       | 3.3     | 1.12  | 86.5      | 21.8554 | 21.4697 |
| 2009 | 6     | 14  | 15   | 51     | 7      | 0.3       | 3.3     | 1.14  | 88        | 21.8554 | 21.9169 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 14  | 16   | 1      | 7      | 0.3       | 3.3     | 1.11  | 88.6      | 21.8782 | 21.3009 |
| 2009 | 6     | 14  | 16   | 11     | 7      | 0.3       | 3.3     | 1.09  | 86.7      | 21.8554 | 20.9587 |
| 2009 | 6     | 14  | 16   | 21     | 7      | 0.3       | 3.3     | 1.14  | 88.8      | 21.8554 | 21.853  |
| 2009 | 6     | 14  | 16   | 31     | 7      | 0.3       | 3.3     | 1.1   | 89.3      | 21.8325 | 21.1275 |
| 2009 | 6     | 14  | 16   | 41     | 7      | 0.3       | 3.3     | 1.12  | 86.5      | 21.8554 | 21.5336 |
| 2009 | 6     | 14  | 16   | 51     | 7      | 0.3       | 3.3     | 1.11  | 88.3      | 21.8325 | 21.319  |
| 2009 | 6     | 14  | 17   | 1      | 7      | 0.3       | 3.3     | 1.11  | 90.3      | 21.8325 | 21.3828 |
| 2009 | 6     | 14  | 17   | 11     | 7      | 0.3       | 3.3     | 1.14  | 88.8      | 21.8554 | 21.9169 |
| 2009 | 6     | 14  | 17   | 21     | 7      | 0.3       | 3.3     | 1.14  | 88.8      | 21.8325 | 21.8933 |
| 2009 | 6     | 14  | 17   | 31     | 7      | 0.3       | 3.3     | 1.15  | 89.7      | 21.8097 | 22.1885 |
| 2009 | 6     | 14  | 17   | 41     | 7      | 0.3       | 3.3     | 1.12  | 89.2      | 21.8097 | 21.551  |
| 2009 | 6     | 14  | 17   | 51     | 7      | 0.3       | 3.3     | 1.11  | 90        | 21.8325 | 21.319  |
| 2009 | 6     | 14  | 18   | 1      | 7      | 0.3       | 3.3     | 1.14  | 87.8      | 21.8325 | 21.8295 |
| 2009 | 6     | 14  | 18   | 11     | 7      | 0.3       | 3.3     | 1.15  | 90        | 21.8097 | 22.061  |
| 2009 | 6     | 14  | 18   | 21     | 7      | 0.3       | 3.3     | 1.09  | 88.4      | 21.8325 | 20.9361 |
| 2009 | 6     | 14  | 18   | 31     | 7      | 0.3       | 3.3     | 1.11  | 90        | 21.8097 | 21.2322 |
| 2009 | 6     | 14  | 18   | 41     | 7      | 0.3       | 3.3     | 1.15  | 88.2      | 21.8097 | 22.1248 |
| 2009 | 6     | 14  | 18   | 51     | 7      | 0.3       | 3.3     | 1.16  | 89.5      | 21.8097 | 22.3161 |
| 2009 | 6     | 14  | 19   | 1      | 7      | 0.3       | 3.3     | 1.1   | 89.3      | 21.8097 | 21.1048 |
| 2009 | 6     | 14  | 19   | 11     | 7      | 0.3       | 3.3     | 1.1   | 85.5      | 21.8097 | 20.9773 |
| 2009 | 6     | 14  | 19   | 21     | 7      | 0.3       | 3.3     | 1.13  | 86.5      | 21.8097 | 21.6785 |
| 2009 | 6     | 14  | 19   | 31     | 7      | 0.3       | 3.3     | 1.14  | 88.2      | 21.7869 | 21.9098 |
| 2009 | 6     | 14  | 19   | 41     | 7      | 0.3       | 3.3     | 1.12  | 88.8      | 21.8097 | 21.4235 |
| 2009 | 6     | 14  | 19   | 51     | 7      | 0.3       | 3.3     | 1.13  | 86.8      | 21.8097 | 21.6785 |
| 2009 | 6     | 14  | 20   | 1      | 7      | 0.3       | 3.3     | 1.14  | 90.5      | 21.8097 | 21.806  |
| 2009 | 6     | 14  | 20   | 11     | 7      | 0.3       | 3.3     | 1.13  | 88.7      | 21.8097 | 21.7422 |
| 2009 | 6     | 14  | 20   | 21     | 7      | 0.3       | 3.3     | 1.11  | 86.9      | 21.8097 | 21.2322 |
| 2009 | 6     | 14  | 20   | 31     | 7      | 0.3       | 3.3     | 1.15  | 88.7      | 21.8097 | 21.9972 |
| 2009 | 6     | 14  | 20   | 41     | 7      | 0.3       | 3.3     | 1.1   | 87.1      | 21.8097 | 21.1048 |
| 2009 | 6     | 14  | 20   | 51     | 7      | 0.3       | 3.3     | 1.13  | 86.3      | 21.8097 | 21.6147 |
| 2009 | 6     | 14  | 21   | 1      | 7      | 0.3       | 3.3     | 1.12  | 88.8      | 21.8097 | 21.551  |
| 2009 | 6     | 14  | 21   | 11     | 7      | 0.3       | 3.3     | 1.12  | 85.6      | 21.8325 | 21.5104 |
| 2009 | 6     | 14  | 21   | 21     | 7      | 0.3       | 3.3     | 1.1   | 87.3      | 21.8325 | 21.1275 |
| 2009 | 6     | 14  | 21   | 31     | 7      | 0.3       | 3.3     | 1.15  | 88.2      | 21.8097 | 21.9972 |
| 2009 | 6     | 14  | 21   | 41     | 7      | 0.3       | 3.3     | 1.1   | 88.8      | 21.8325 | 21.0637 |
| 2009 | 6     | 14  | 21   | 51     | 7      | 0.3       | 3.3     | 1.11  | 88.6      | 21.8325 | 21.3828 |
| 2009 | 6     | 14  | 22   | 1      | 7      | 0.3       | 3.3     | 1.08  | 89.3      | 21.8325 | 20.8086 |
| 2009 | 6     | 14  | 22   | 11     | 7      | 0.3       | 3.3     | 1.11  | 87.6      | 21.8097 | 21.296  |
| 2009 | 6     | 14  | 22   | 21     | 7      | 0.3       | 3.3     | 1.14  | 88.8      | 21.8325 | 21.9571 |
| 2009 | 6     | 14  | 22   | 31     | 7      | 0.3       | 3.3     | 1.14  | 83.9      | 21.8325 | 21.8295 |
| 2009 | 6     | 14  | 22   | 41     | 7      | 0.3       | 3.3     | 1.16  | 87.2      | 21.8097 | 22.1885 |
| 2009 | 6     | 14  | 22   | 51     | 7      | 0.3       | 3.3     | 1.11  | 88        | 21.8325 | 21.3828 |
| 2009 | 6     | 14  | 23   | 1      | 7      | 0.3       | 3.3     | 1.09  | 86.9      | 21.8325 | 20.9361 |
| 2009 | 6     | 14  | 23   | 11     | 7      | 0.3       | 3.3     | 1.11  | 88.3      | 21.8325 | 21.2551 |
| 2009 | 6     | 14  | 23   | 21     | 7      | 0.3       | 3.3     | 1.11  | 88.3      | 21.8325 | 21.2551 |
| 2009 | 6     | 14  | 23   | 31     | 7      | 0.3       | 3.3     | 1.09  | 87.4      | 21.8325 | 20.9361 |
| 2009 | 6     | 14  | 23   | 41     | 7      | 0.3       | 3.3     | 1.14  | 88.8      | 21.8325 | 21.8933 |
| 2009 | 6     | 14  | 23   | 51     | 7      | 0.3       | 3.3     | 1.14  | 85.2      | 21.8325 | 21.8295 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 15  | 0    | 1      | 7      | 0.3       | 3.3     | 1.08  | 88.4      | 21.8554 | 20.831  |
| 2009 | 6     | 15  | 0    | 11     | 7      | 0.3       | 3.3     | 1.13  | 86.7      | 21.8554 | 21.6613 |
| 2009 | 6     | 15  | 0    | 21     | 7      | 0.3       | 3.3     | 1.14  | 85.4      | 21.8325 | 21.7657 |
| 2009 | 6     | 15  | 0    | 31     | 7      | 0.3       | 3.3     | 1.15  | 87.2      | 21.8325 | 22.1486 |
| 2009 | 6     | 15  | 0    | 41     | 7      | 0.3       | 3.3     | 1.11  | 86.4      | 21.8554 | 21.278  |
| 2009 | 6     | 15  | 0    | 51     | 7      | 0.3       | 3.3     | 1.12  | 87.5      | 21.8554 | 21.4697 |
| 2009 | 6     | 15  | 1    | 1      | 7      | 0.3       | 3.3     | 1.15  | 88.9      | 21.8554 | 22.1086 |
| 2009 | 6     | 15  | 1    | 11     | 7      | 0.3       | 3.3     | 1.15  | 88.2      | 21.8554 | 22.0447 |
| 2009 | 6     | 15  | 1    | 21     | 7      | 0.3       | 3.3     | 1.11  | 90        | 21.8554 | 21.3419 |
| 2009 | 6     | 15  | 1    | 31     | 7      | 0.3       | 3.3     | 1.15  | 85.4      | 21.8325 | 21.9571 |
| 2009 | 6     | 15  | 1    | 41     | 7      | 0.3       | 3.3     | 1.14  | 87.9      | 21.8554 | 21.9169 |
| 2009 | 6     | 15  | 1    | 51     | 7      | 0.3       | 3.3     | 1.09  | 87.8      | 21.8782 | 20.9173 |
| 2009 | 6     | 15  | 2    | 1      | 7      | 0.3       | 3.3     | 1.12  | 91        | 21.8554 | 21.5336 |
| 2009 | 6     | 15  | 2    | 11     | 7      | 0.3       | 3.3     | 1.16  | 90        | 21.8554 | 22.3003 |
| 2009 | 6     | 15  | 2    | 21     | 7      | 0.3       | 3.3     | 1.14  | 88.3      | 21.8782 | 21.9405 |
| 2009 | 6     | 15  | 2    | 31     | 7      | 0.3       | 3.3     | 1.1   | 88.1      | 21.8782 | 21.237  |
| 2009 | 6     | 15  | 2    | 41     | 7      | 0.3       | 3.3     | 1.11  | 90        | 21.8554 | 21.4058 |
| 2009 | 6     | 15  | 2    | 51     | 7      | 0.3       | 3.3     | 1.13  | 86.8      | 21.8782 | 21.7486 |
| 2009 | 6     | 15  | 3    | 1      | 7      | 0.3       | 3.3     | 1.08  | 88.6      | 21.8782 | 20.7895 |
| 2009 | 6     | 15  | 3    | 11     | 7      | 0.3       | 3.3     | 1.12  | 88.8      | 21.901  | 21.5159 |
| 2009 | 6     | 15  | 3    | 21     | 7      | 0.3       | 3.3     | 1.14  | 86.4      | 21.901  | 21.964  |
| 2009 | 6     | 15  | 3    | 31     | 7      | 0.3       | 3.3     | 1.12  | 87.5      | 21.901  | 21.6439 |
| 2009 | 6     | 15  | 3    | 41     | 7      | 0.3       | 3.3     | 1.14  | 89        | 21.901  | 21.964  |
| 2009 | 6     | 15  | 3    | 51     | 7      | 0.3       | 3.3     | 1.13  | 86        | 21.8782 | 21.7486 |
| 2009 | 6     | 15  | 4    | 1      | 7      | 0.3       | 3.3     | 1.11  | 86.6      | 21.901  | 21.3878 |
| 2009 | 6     | 15  | 4    | 11     | 7      | 0.3       | 3.3     | 1.09  | 90.3      | 21.901  | 21.0678 |
| 2009 | 6     | 15  | 4    | 21     | 7      | 0.3       | 3.3     | 1.14  | 87.5      | 21.901  | 22.0281 |
| 2009 | 6     | 15  | 4    | 31     | 7      | 0.3       | 3.3     | 1.13  | 86.5      | 21.901  | 21.7079 |
| 2009 | 6     | 15  | 4    | 41     | 7      | 0.3       | 3.3     | 1.11  | 89.7      | 21.9239 | 21.3467 |
| 2009 | 6     | 15  | 4    | 51     | 7      | 0.3       | 3.3     | 1.11  | 85.6      | 21.9239 | 21.3467 |
| 2009 | 6     | 15  | 5    | 1      | 7      | 0.3       | 3.3     | 1.13  | 88.5      | 21.9239 | 21.8594 |
| 2009 | 6     | 15  | 5    | 11     | 7      | 0.3       | 3.3     | 1.13  | 86.7      | 21.901  | 21.836  |
| 2009 | 6     | 15  | 5    | 21     | 7      | 0.3       | 3.3     | 1.09  | 86.4      | 21.901  | 21.0038 |
| 2009 | 6     | 15  | 5    | 31     | 7      | 0.3       | 3.3     | 1.12  | 86        | 21.901  | 21.5159 |
| 2009 | 6     | 15  | 5    | 41     | 7      | 0.3       | 3.3     | 1.11  | 89.5      | 21.9239 | 21.4108 |
| 2009 | 6     | 15  | 5    | 51     | 7      | 0.3       | 3.3     | 1.1   | 88        | 21.9239 | 21.2826 |
| 2009 | 6     | 15  | 6    | 1      | 7      | 0.3       | 3.3     | 1.12  | 88        | 21.9239 | 21.539  |
| 2009 | 6     | 15  | 6    | 11     | 7      | 0.3       | 3.3     | 1.1   | 85.1      | 21.901  | 21.1958 |
| 2009 | 6     | 15  | 6    | 21     | 7      | 0.3       | 3.3     | 1.1   | 88.6      | 21.901  | 21.1958 |
| 2009 | 6     | 15  | 6    | 31     | 7      | 0.3       | 3.3     | 1.1   | 87.3      | 21.901  | 21.1318 |
| 2009 | 6     | 15  | 6    | 41     | 7      | 0.3       | 3.3     | 1.09  | 88.4      | 21.9239 | 21.0264 |
| 2009 | 6     | 15  | 6    | 51     | 7      | 0.3       | 3.3     | 1.12  | 88        | 21.901  | 21.5159 |
| 2009 | 6     | 15  | 7    | 1      | 7      | 0.3       | 3.3     | 1.13  | 89        | 21.901  | 21.772  |
| 2009 | 6     | 15  | 7    | 11     | 7      | 0.3       | 3.3     | 1.11  | 88.8      | 21.9239 | 21.4108 |
| 2009 | 6     | 15  | 7    | 21     | 7      | 0.3       | 3.3     | 1.13  | 90        | 21.9239 | 21.7312 |
| 2009 | 6     | 15  | 7    | 31     | 7      | 0.3       | 3.3     | 1.11  | 86.3      | 21.9239 | 21.4749 |
| 2009 | 6     | 15  | 7    | 41     | 7      | 0.3       | 3.3     | 1.12  | 90.7      | 21.9239 | 21.539  |
| 2009 | 6     | 15  | 7    | 51     | 7      | 0.3       | 3.3     | 1.1   | 88.1      | 21.9239 | 21.1545 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 15  | 8    | 1      | 7      | 0.3       | 3.3     | 1.11  | 88        | 21.9239 | 21.4108 |
| 2009 | 6     | 15  | 8    | 11     | 7      | 0.3       | 3.3     | 1.14  | 88.8      | 21.9239 | 21.9876 |
| 2009 | 6     | 15  | 8    | 21     | 7      | 0.3       | 3.3     | 1.13  | 87.5      | 21.9239 | 21.7312 |
| 2009 | 6     | 15  | 8    | 31     | 7      | 0.3       | 3.3     | 1.13  | 89.3      | 21.9239 | 21.7953 |
| 2009 | 6     | 15  | 8    | 41     | 7      | 0.3       | 3.3     | 1.13  | 89.2      | 21.901  | 21.7079 |
| 2009 | 6     | 15  | 8    | 51     | 7      | 0.3       | 3.3     | 1.13  | 90.7      | 21.901  | 21.772  |
| 2009 | 6     | 15  | 9    | 1      | 7      | 0.3       | 3.3     | 1.13  | 88        | 21.901  | 21.772  |
| 2009 | 6     | 15  | 9    | 11     | 7      | 0.3       | 3.3     | 1.08  | 86.2      | 21.901  | 20.8118 |
| 2009 | 6     | 15  | 9    | 21     | 7      | 0.3       | 3.3     | 1.12  | 89.8      | 21.901  | 21.5799 |
| 2009 | 6     | 15  | 9    | 31     | 7      | 0.3       | 3.3     | 1.11  | 86.4      | 21.901  | 21.3238 |
| 2009 | 6     | 15  | 9    | 41     | 7      | 0.3       | 3.3     | 1.12  | 88.3      | 21.901  | 21.5799 |
| 2009 | 6     | 15  | 9    | 51     | 7      | 0.3       | 3.3     | 1.09  | 88.1      | 21.901  | 21.0678 |
| 2009 | 6     | 15  | 10   | 1      | 7      | 0.3       | 3.3     | 1.13  | 89.5      | 21.8782 | 21.8125 |
| 2009 | 6     | 15  | 10   | 11     | 7      | 0.3       | 3.3     | 1.09  | 87.9      | 21.901  | 21.0678 |
| 2009 | 6     | 15  | 10   | 21     | 7      | 0.3       | 3.3     | 1.09  | 89.1      | 21.8782 | 21.0452 |
| 2009 | 6     | 15  | 10   | 31     | 7      | 0.3       | 3.3     | 1.12  | 89.5      | 21.8782 | 21.6207 |
| 2009 | 6     | 15  | 10   | 41     | 7      | 0.3       | 3.3     | 1.11  | 86.9      | 21.8782 | 21.3009 |
| 2009 | 6     | 15  | 10   | 51     | 7      | 0.3       | 3.3     | 1.15  | 88.7      | 21.8554 | 22.1725 |
| 2009 | 6     | 15  | 11   | 1      | 7      | 0.3       | 3.3     | 1.13  | 89.2      | 21.8782 | 21.6846 |
| 2009 | 6     | 15  | 11   | 11     | 7      | 0.3       | 3.3     | 1.13  | 87.7      | 21.8325 | 21.7018 |
| 2009 | 6     | 15  | 11   | 21     | 7      | 0.3       | 3.3     | 1.13  | 88        | 21.8325 | 21.7018 |
| 2009 | 6     | 15  | 11   | 31     | 7      | 0.3       | 3.3     | 1.12  | 87.5      | 21.8325 | 21.4466 |
| 2009 | 6     | 15  | 11   | 41     | 7      | 0.3       | 3.3     | 1.16  | 87.4      | 21.8325 | 22.2125 |
| 2009 | 6     | 15  | 11   | 51     | 7      | 0.3       | 3.3     | 1.06  | 90        | 21.8325 | 20.3621 |
| 2009 | 6     | 15  | 12   | 1      | 7      | 0.3       | 3.3     | 1.12  | 88.1      | 21.8325 | 21.4466 |
| 2009 | 6     | 15  | 12   | 11     | 7      | 0.3       | 3.3     | 1.12  | 88        | 21.8325 | 21.5742 |
| 2009 | 6     | 15  | 12   | 21     | 7      | 0.3       | 3.3     | 1.15  | 88        | 21.8097 | 22.061  |
| 2009 | 6     | 15  | 12   | 31     | 7      | 0.3       | 3.3     | 1.13  | 89.3      | 21.8097 | 21.7422 |
| 2009 | 6     | 15  | 12   | 41     | 7      | 0.3       | 3.3     | 1.16  | 89        | 21.8097 | 22.2523 |
| 2009 | 6     | 15  | 12   | 51     | 7      | 0.3       | 3.3     | 1.14  | 88.7      | 21.8097 | 21.806  |
| 2009 | 6     | 15  | 13   | 1      | 7      | 0.3       | 3.3     | 1.11  | 89        | 21.8097 | 21.296  |
| 2009 | 6     | 15  | 13   | 11     | 7      | 0.3       | 3.3     | 1.13  | 90.3      | 21.8097 | 21.6785 |
| 2009 | 6     | 15  | 13   | 21     | 7      | 0.3       | 3.3     | 1.09  | 86.9      | 21.8325 | 20.9999 |
| 2009 | 6     | 15  | 13   | 31     | 7      | 0.3       | 3.3     | 1.12  | 89        | 21.8097 | 21.551  |
| 2009 | 6     | 15  | 13   | 41     | 7      | 0.3       | 3.3     | 1.08  | 85.5      | 21.8325 | 20.7448 |
| 2009 | 6     | 15  | 13   | 51     | 7      | 0.3       | 3.3     | 1.12  | 88.1      | 21.8097 | 21.4235 |
| 2009 | 6     | 15  | 14   | 1      | 7      | 0.3       | 3.3     | 1.11  | 87.1      | 21.8097 | 21.3597 |
| 2009 | 6     | 15  | 14   | 11     | 7      | 0.3       | 3.3     | 1.12  | 90        | 21.8097 | 21.4872 |
| 2009 | 6     | 15  | 14   | 21     | 7      | 0.3       | 3.3     | 1.13  | 86.5      | 21.7869 | 21.6551 |
| 2009 | 6     | 15  | 14   | 31     | 7      | 0.3       | 3.3     | 1.1   | 90.7      | 21.7869 | 21.082  |
| 2009 | 6     | 15  | 14   | 41     | 7      | 0.3       | 3.3     | 1.13  | 89.3      | 21.7869 | 21.6551 |
| 2009 | 6     | 15  | 14   | 51     | 7      | 0.3       | 3.3     | 1.12  | 87.5      | 21.8097 | 21.4872 |
| 2009 | 6     | 15  | 15   | 1      | 7      | 0.3       | 3.3     | 1.13  | 88.8      | 21.7869 | 21.5914 |
| 2009 | 6     | 15  | 15   | 11     | 7      | 0.3       | 3.3     | 1.13  | 90.2      | 21.7869 | 21.6551 |
| 2009 | 6     | 15  | 15   | 21     | 7      | 0.3       | 3.3     | 1.12  | 84.4      | 21.8097 | 21.3597 |
| 2009 | 6     | 15  | 15   | 31     | 7      | 0.3       | 3.3     | 1.09  | 85.7      | 21.8097 | 20.8499 |
| 2009 | 6     | 15  | 15   | 41     | 7      | 0.3       | 3.3     | 1.12  | 90        | 21.7869 | 21.464  |
| 2009 | 6     | 15  | 15   | 51     | 7      | 0.3       | 3.3     | 1.11  | 87.1      | 21.7869 | 21.2094 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 15  | 16   | 1      | 7      | 0.3       | 3.3     | 1.11  | 87.6      | 21.7869 | 21.3367 |
| 2009 | 6     | 15  | 16   | 11     | 7      | 0.3       | 3.3     | 1.06  | 88        | 21.7869 | 20.2546 |
| 2009 | 6     | 15  | 16   | 21     | 7      | 0.3       | 3.3     | 1.11  | 87        | 21.8097 | 21.296  |
| 2009 | 6     | 15  | 16   | 31     | 7      | 0.3       | 3.3     | 1.04  | 86.9      | 21.7869 | 19.9364 |
| 2009 | 6     | 15  | 16   | 41     | 7      | 0.3       | 3.3     | 1.1   | 86.2      | 21.7869 | 21.082  |
| 2009 | 6     | 15  | 16   | 51     | 7      | 0.3       | 3.3     | 1.09  | 87.8      | 21.764  | 20.8685 |
| 2009 | 6     | 15  | 17   | 1      | 7      | 0.3       | 3.3     | 1.14  | 88.2      | 21.764  | 21.8862 |
| 2009 | 6     | 15  | 17   | 11     | 7      | 0.3       | 3.3     | 1.12  | 87.1      | 21.7412 | 21.4177 |
| 2009 | 6     | 15  | 17   | 21     | 7      | 0.3       | 3.3     | 1.07  | 88.4      | 21.764  | 20.5506 |
| 2009 | 6     | 15  | 17   | 31     | 7      | 0.3       | 3.3     | 1.09  | 85.8      | 21.764  | 20.7413 |
| 2009 | 6     | 15  | 17   | 41     | 7      | 0.3       | 3.3     | 1.12  | 88.5      | 21.7412 | 21.3541 |
| 2009 | 6     | 15  | 17   | 51     | 7      | 0.3       | 3.3     | 1.12  | 87.3      | 21.7412 | 21.4812 |
| 2009 | 6     | 15  | 18   | 1      | 7      | 0.3       | 3.3     | 1.12  | 87.8      | 21.7412 | 21.4177 |
| 2009 | 6     | 15  | 18   | 11     | 7      | 0.3       | 3.3     | 1.11  | 86.4      | 21.7412 | 21.1635 |
| 2009 | 6     | 15  | 18   | 21     | 7      | 0.3       | 3.3     | 1.1   | 86.1      | 21.7412 | 20.973  |
| 2009 | 6     | 15  | 18   | 31     | 7      | 0.3       | 3.3     | 1.09  | 89        | 21.7412 | 20.8459 |
| 2009 | 6     | 15  | 18   | 41     | 7      | 0.3       | 3.3     | 1.12  | 88.5      | 21.7183 | 21.331  |
| 2009 | 6     | 15  | 18   | 51     | 7      | 0.3       | 3.3     | 1.07  | 85.1      | 21.7183 | 20.3158 |
| 2009 | 6     | 15  | 19   | 1      | 7      | 0.3       | 3.3     | 1.13  | 89.8      | 21.7183 | 21.5215 |
| 2009 | 6     | 15  | 19   | 11     | 7      | 0.3       | 3.3     | 1.11  | 86.4      | 21.6955 | 21.1177 |
| 2009 | 6     | 15  | 19   | 21     | 7      | 0.3       | 3.3     | 1.12  | 86.5      | 21.7183 | 21.458  |
| 2009 | 6     | 15  | 19   | 31     | 7      | 0.3       | 3.3     | 1.08  | 89.3      | 21.6955 | 20.674  |
| 2009 | 6     | 15  | 19   | 41     | 7      | 0.3       | 3.3     | 1.11  | 85.9      | 21.7183 | 21.1406 |
| 2009 | 6     | 15  | 19   | 51     | 7      | 0.3       | 3.3     | 1.1   | 88        | 21.7183 | 21.0772 |
| 2009 | 6     | 15  | 20   | 1      | 7      | 0.3       | 3.3     | 1.09  | 88.1      | 21.6955 | 20.8008 |
| 2009 | 6     | 15  | 20   | 11     | 7      | 0.3       | 3.3     | 1.05  | 86.9      | 21.6955 | 19.977  |
| 2009 | 6     | 15  | 20   | 21     | 7      | 0.3       | 3.3     | 1.08  | 87.1      | 21.6955 | 20.674  |
| 2009 | 6     | 15  | 20   | 31     | 7      | 0.3       | 3.3     | 1.08  | 89.3      | 21.6726 | 20.5252 |
| 2009 | 6     | 15  | 20   | 41     | 7      | 0.3       | 3.3     | 1.09  | 87.9      | 21.6955 | 20.8008 |
| 2009 | 6     | 15  | 20   | 51     | 7      | 0.3       | 3.3     | 1.11  | 88.8      | 21.6955 | 21.1177 |
| 2009 | 6     | 15  | 21   | 1      | 7      | 0.3       | 3.3     | 1.11  | 85.8      | 21.6955 | 21.1177 |
| 2009 | 6     | 15  | 21   | 11     | 7      | 0.3       | 3.3     | 1.1   | 89.1      | 21.6955 | 20.9276 |
| 2009 | 6     | 15  | 21   | 21     | 7      | 0.3       | 3.3     | 1.06  | 87.5      | 21.6955 | 20.2305 |
| 2009 | 6     | 15  | 21   | 31     | 7      | 0.3       | 3.3     | 1.11  | 87.3      | 21.6726 | 21.2217 |
| 2009 | 6     | 15  | 21   | 41     | 7      | 0.3       | 3.3     | 1.09  | 87.8      | 21.6726 | 20.8418 |
| 2009 | 6     | 15  | 21   | 51     | 7      | 0.3       | 3.3     | 1.1   | 88.5      | 21.6726 | 21.0317 |
| 2009 | 6     | 15  | 22   | 1      | 7      | 0.3       | 3.3     | 1.09  | 87.9      | 21.6726 | 20.7151 |
| 2009 | 6     | 15  | 22   | 11     | 7      | 0.3       | 3.3     | 1.07  | 89.1      | 21.6726 | 20.3986 |
| 2009 | 6     | 15  | 22   | 21     | 7      | 0.3       | 3.3     | 1.09  | 88.6      | 21.6726 | 20.7151 |
| 2009 | 6     | 15  | 22   | 31     | 7      | 0.3       | 3.3     | 1.14  | 88.8      | 21.6726 | 21.7284 |
| 2009 | 6     | 15  | 22   | 41     | 7      | 0.3       | 3.3     | 1.11  | 88.3      | 21.6726 | 21.2217 |
| 2009 | 6     | 15  | 22   | 51     | 7      | 0.3       | 3.3     | 1.15  | 86.7      | 21.6498 | 21.9582 |
| 2009 | 6     | 15  | 23   | 1      | 7      | 0.3       | 3.3     | 1.11  | 86.4      | 21.6726 | 21.095  |
| 2009 | 6     | 15  | 23   | 11     | 7      | 0.3       | 3.3     | 1.09  | 88.1      | 21.6498 | 20.8194 |
| 2009 | 6     | 15  | 23   | 21     | 7      | 0.3       | 3.3     | 1.08  | 88.3      | 21.6498 | 20.5664 |
| 2009 | 6     | 15  | 23   | 31     | 7      | 0.3       | 3.3     | 1.14  | 87.8      | 21.6498 | 21.6418 |
| 2009 | 6     | 15  | 23   | 41     | 7      | 0.3       | 3.3     | 1.05  | 89.1      | 21.6498 | 20.0606 |
| 2009 | 6     | 15  | 23   | 51     | 7      | 0.3       | 3.3     | 1.09  | 86.7      | 21.6498 | 20.8194 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 16  | 0    | 1      | 7      | 0.3       | 3.3     | 1.07  | 87.5      | 21.6498 | 20.44   |
| 2009 | 6     | 16  | 0    | 11     | 7      | 0.3       | 3.3     | 1.09  | 87.1      | 21.6498 | 20.8194 |
| 2009 | 6     | 16  | 0    | 21     | 7      | 0.3       | 3.3     | 1.08  | 86.9      | 21.6498 | 20.5664 |
| 2009 | 6     | 16  | 0    | 31     | 7      | 0.3       | 3.3     | 1.14  | 87.5      | 21.6269 | 21.745  |
| 2009 | 6     | 16  | 0    | 41     | 7      | 0.3       | 3.3     | 1.08  | 88.6      | 21.6269 | 20.4812 |
| 2009 | 6     | 16  | 0    | 51     | 7      | 0.3       | 3.3     | 1.13  | 88.5      | 21.6269 | 21.429  |
| 2009 | 6     | 16  | 1    | 1      | 7      | 0.3       | 3.3     | 1.12  | 85.5      | 21.6269 | 21.3026 |
| 2009 | 6     | 16  | 1    | 11     | 7      | 0.3       | 3.3     | 1.07  | 87.7      | 21.6269 | 20.418  |
| 2009 | 6     | 16  | 1    | 21     | 7      | 0.3       | 3.3     | 1.11  | 88.1      | 21.6269 | 21.1762 |
| 2009 | 6     | 16  | 1    | 31     | 7      | 0.3       | 3.3     | 1.08  | 87.6      | 21.6269 | 20.6075 |
| 2009 | 6     | 16  | 1    | 41     | 7      | 0.3       | 3.3     | 1.06  | 87        | 21.6498 | 20.187  |
| 2009 | 6     | 16  | 1    | 51     | 7      | 0.3       | 3.3     | 1.1   | 88.3      | 21.6269 | 20.8603 |
| 2009 | 6     | 16  | 2    | 1      | 7      | 0.3       | 3.3     | 1.05  | 87.7      | 21.6269 | 20.0391 |
| 2009 | 6     | 16  | 2    | 11     | 7      | 0.3       | 3.3     | 1.07  | 88.2      | 21.6498 | 20.3767 |
| 2009 | 6     | 16  | 2    | 21     | 7      | 0.3       | 3.3     | 1.13  | 88.8      | 21.6269 | 21.429  |
| 2009 | 6     | 16  | 2    | 31     | 7      | 0.3       | 3.3     | 1.07  | 88.2      | 21.6269 | 20.3549 |
| 2009 | 6     | 16  | 2    | 41     | 7      | 0.3       | 3.3     | 1.08  | 88.3      | 21.6498 | 20.5664 |
| 2009 | 6     | 16  | 2    | 51     | 7      | 0.3       | 3.3     | 1.08  | 86.3      | 21.6269 | 20.4812 |
| 2009 | 6     | 16  | 3    | 1      | 7      | 0.3       | 3.3     | 1.05  | 88.6      | 21.6269 | 20.0391 |
| 2009 | 6     | 16  | 3    | 11     | 7      | 0.3       | 3.3     | 1.09  | 87.6      | 21.6269 | 20.6707 |
| 2009 | 6     | 16  | 3    | 21     | 7      | 0.3       | 3.3     | 1.09  | 90        | 21.6269 | 20.6707 |
| 2009 | 6     | 16  | 3    | 31     | 7      | 0.3       | 3.3     | 1.07  | 87        | 21.6269 | 20.2917 |
| 2009 | 6     | 16  | 3    | 41     | 7      | 0.3       | 3.3     | 1.06  | 86.3      | 21.6269 | 20.0391 |
| 2009 | 6     | 16  | 3    | 51     | 7      | 0.3       | 3.3     | 1.08  | 87.2      | 21.6269 | 20.6075 |
| 2009 | 6     | 16  | 4    | 1      | 7      | 0.3       | 3.3     | 1.09  | 89.3      | 21.6498 | 20.8194 |
| 2009 | 6     | 16  | 4    | 11     | 7      | 0.3       | 3.3     | 1.1   | 89.3      | 21.6269 | 20.8603 |
| 2009 | 6     | 16  | 4    | 21     | 7      | 0.3       | 3.3     | 1.05  | 87.9      | 21.6269 | 19.9759 |
| 2009 | 6     | 16  | 4    | 31     | 7      | 0.3       | 3.3     | 1.09  | 87.1      | 21.6269 | 20.6707 |
| 2009 | 6     | 16  | 4    | 41     | 7      | 0.3       | 3.3     | 1.09  | 88.1      | 21.6269 | 20.7971 |
| 2009 | 6     | 16  | 4    | 51     | 7      | 0.3       | 3.3     | 1.08  | 85.5      | 21.6498 | 20.5664 |
| 2009 | 6     | 16  | 5    | 1      | 7      | 0.3       | 3.3     | 1.09  | 87.4      | 21.6498 | 20.7562 |
| 2009 | 6     | 16  | 5    | 11     | 7      | 0.3       | 3.3     | 1.08  | 87        | 21.6498 | 20.5664 |
| 2009 | 6     | 16  | 5    | 21     | 7      | 0.3       | 3.3     | 1.12  | 88        | 21.6498 | 21.2622 |
| 2009 | 6     | 16  | 5    | 31     | 7      | 0.3       | 3.3     | 1.08  | 86.4      | 21.6498 | 20.6297 |
| 2009 | 6     | 16  | 5    | 41     | 7      | 0.3       | 3.3     | 1.06  | 86.6      | 21.6498 | 20.2503 |
| 2009 | 6     | 16  | 5    | 51     | 7      | 0.3       | 3.3     | 1.12  | 89.7      | 21.6498 | 21.2622 |
| 2009 | 6     | 16  | 6    | 1      | 7      | 0.3       | 3.3     | 1.07  | 88.4      | 21.6498 | 20.3767 |
| 2009 | 6     | 16  | 6    | 11     | 7      | 0.3       | 3.3     | 1.11  | 89.5      | 21.6498 | 21.0724 |
| 2009 | 6     | 16  | 6    | 21     | 7      | 0.3       | 3.3     | 1.07  | 88.6      | 21.6498 | 20.44   |
| 2009 | 6     | 16  | 6    | 31     | 7      | 0.3       | 3.3     | 1.07  | 88.2      | 21.6498 | 20.44   |
| 2009 | 6     | 16  | 6    | 41     | 7      | 0.3       | 3.3     | 1.09  | 87.2      | 21.6498 | 20.7562 |
| 2009 | 6     | 16  | 6    | 51     | 7      | 0.3       | 3.3     | 1.1   | 87.3      | 21.6498 | 20.8827 |
| 2009 | 6     | 16  | 7    | 1      | 7      | 0.3       | 3.3     | 1.05  | 86.4      | 21.6498 | 19.9974 |
| 2009 | 6     | 16  | 7    | 11     | 7      | 0.3       | 3.3     | 1.07  | 87.4      | 21.6498 | 20.3135 |
| 2009 | 6     | 16  | 7    | 21     | 7      | 0.3       | 3.3     | 1.08  | 86.3      | 21.6498 | 20.44   |
| 2009 | 6     | 16  | 7    | 31     | 7      | 0.3       | 3.3     | 1.08  | 87.9      | 21.6498 | 20.5032 |
| 2009 | 6     | 16  | 7    | 41     | 7      | 0.3       | 3.3     | 1.1   | 90.5      | 21.6498 | 20.8827 |
| 2009 | 6     | 16  | 7    | 51     | 7      | 0.3       | 3.3     | 1.11  | 89.5      | 21.6498 | 21.0724 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 16  | 8    | 1      | 7      | 0.3       | 3.3     | 1.06  | 89.5      | 21.6498 | 20.187  |
| 2009 | 6     | 16  | 8    | 11     | 7      | 0.3       | 3.3     | 1.09  | 86.4      | 21.6498 | 20.7562 |
| 2009 | 6     | 16  | 8    | 21     | 7      | 0.3       | 3.3     | 1.09  | 86.4      | 21.6498 | 20.6929 |
| 2009 | 6     | 16  | 8    | 31     | 7      | 0.3       | 3.3     | 1.12  | 87.6      | 21.6498 | 21.2622 |
| 2009 | 6     | 16  | 8    | 41     | 7      | 0.3       | 3.3     | 1.08  | 87.6      | 21.6498 | 20.5664 |
| 2009 | 6     | 16  | 8    | 51     | 7      | 0.3       | 3.3     | 1.1   | 87.3      | 21.6498 | 20.9459 |
| 2009 | 6     | 16  | 9    | 1      | 7      | 0.3       | 3.3     | 1.1   | 88.1      | 21.6498 | 21.0092 |
| 2009 | 6     | 16  | 9    | 11     | 7      | 0.3       | 3.3     | 1.1   | 87.8      | 21.6498 | 20.9459 |
| 2009 | 6     | 16  | 9    | 21     | 7      | 0.3       | 3.3     | 1.06  | 90        | 21.6498 | 20.187  |
| 2009 | 6     | 16  | 9    | 31     | 7      | 0.3       | 3.3     | 1.07  | 89.3      | 21.6498 | 20.44   |
| 2009 | 6     | 16  | 9    | 41     | 7      | 0.3       | 3.3     | 1.08  | 87        | 21.6498 | 20.5032 |
| 2009 | 6     | 16  | 9    | 51     | 7      | 0.3       | 3.3     | 1.11  | 84.8      | 21.6498 | 21.1357 |
| 2009 | 6     | 16  | 10   | 1      | 7      | 0.3       | 3.3     | 1.1   | 88.1      | 21.6498 | 20.8827 |
| 2009 | 6     | 16  | 10   | 11     | 7      | 0.3       | 3.3     | 1.08  | 86.5      | 21.6498 | 20.5032 |
| 2009 | 6     | 16  | 10   | 21     | 7      | 0.3       | 3.3     | 1.09  | 86.4      | 21.6498 | 20.7562 |
| 2009 | 6     | 16  | 10   | 31     | 7      | 0.3       | 3.3     | 1.08  | 86.3      | 21.6498 | 20.5664 |
| 2009 | 6     | 16  | 10   | 41     | 7      | 0.3       | 3.3     | 1.09  | 87.9      | 21.6498 | 20.6929 |
| 2009 | 6     | 16  | 10   | 51     | 7      | 0.3       | 3.3     | 1.07  | 87.4      | 21.6498 | 20.3135 |
| 2009 | 6     | 16  | 11   | 1      | 7      | 0.3       | 3.3     | 1.07  | 88.1      | 21.6498 | 20.3767 |
| 2009 | 6     | 16  | 11   | 11     | 7      | 0.3       | 3.3     | 1.09  | 87.6      | 21.6498 | 20.6929 |
| 2009 | 6     | 16  | 11   | 21     | 7      | 0.3       | 3.3     | 1.09  | 88.4      | 21.6498 | 20.6929 |
| 2009 | 6     | 16  | 11   | 31     | 7      | 0.3       | 3.3     | 1.09  | 87.6      | 21.6269 | 20.7971 |
| 2009 | 6     | 16  | 11   | 41     | 7      | 0.3       | 3.3     | 1.09  | 87.8      | 21.6269 | 20.7971 |
| 2009 | 6     | 16  | 11   | 51     | 7      | 0.3       | 3.3     | 1.01  | 87.6      | 21.6269 | 19.1551 |
| 2009 | 6     | 16  | 12   | 1      | 7      | 0.3       | 3.3     | 1.08  | 90        | 21.6498 | 20.5664 |
| 2009 | 6     | 16  | 12   | 11     | 7      | 0.3       | 3.3     | 1.08  | 87.2      | 21.6269 | 20.5444 |
| 2009 | 6     | 16  | 12   | 21     | 7      | 0.3       | 3.3     | 1.08  | 88.3      | 21.6269 | 20.5444 |
| 2009 | 6     | 16  | 12   | 31     | 7      | 0.3       | 3.3     | 1.08  | 87.6      | 21.6269 | 20.4812 |
| 2009 | 6     | 16  | 12   | 41     | 7      | 0.3       | 3.3     | 1.08  | 88.6      | 21.6041 | 20.5854 |
| 2009 | 6     | 16  | 12   | 51     | 7      | 0.3       | 3.3     | 1.06  | 88.6      | 21.6041 | 20.1437 |
| 2009 | 6     | 16  | 13   | 1      | 7      | 0.3       | 3.3     | 1.07  | 87        | 21.5812 | 20.3111 |
| 2009 | 6     | 16  | 13   | 11     | 7      | 0.3       | 3.3     | 1.09  | 90        | 21.5812 | 20.6893 |
| 2009 | 6     | 16  | 13   | 21     | 7      | 0.3       | 3.3     | 1.08  | 86.5      | 21.5583 | 20.4782 |
| 2009 | 6     | 16  | 13   | 31     | 7      | 0.3       | 3.3     | 1.04  | 87.3      | 21.5583 | 19.7856 |
| 2009 | 6     | 16  | 13   | 41     | 7      | 0.3       | 3.3     | 1.07  | 87.7      | 21.5583 | 20.3522 |
| 2009 | 6     | 16  | 13   | 51     | 7      | 0.3       | 3.3     | 1.09  | 86        | 21.5583 | 20.6671 |
| 2009 | 6     | 16  | 14   | 1      | 7      | 0.3       | 3.3     | 1.1   | 88.3      | 21.5355 | 20.7706 |
| 2009 | 6     | 16  | 14   | 11     | 7      | 0.3       | 3.3     | 1.06  | 85.8      | 21.5355 | 20.0787 |
| 2009 | 6     | 16  | 14   | 21     | 7      | 0.3       | 3.3     | 1.11  | 86.8      | 21.5355 | 21.0223 |
| 2009 | 6     | 16  | 14   | 31     | 7      | 0.3       | 3.3     | 1.1   | 89.1      | 21.5355 | 20.7706 |
| 2009 | 6     | 16  | 14   | 41     | 7      | 0.3       | 3.3     | 1.12  | 85.5      | 21.5355 | 21.211  |
| 2009 | 6     | 16  | 14   | 51     | 7      | 0.3       | 3.3     | 1.07  | 85.2      | 21.5355 | 20.1416 |
| 2009 | 6     | 16  | 15   | 1      | 7      | 0.3       | 3.3     | 1.09  | 89.5      | 21.5355 | 20.5819 |
| 2009 | 6     | 16  | 15   | 11     | 7      | 0.3       | 3.3     | 1.07  | 89.5      | 21.5355 | 20.2674 |
| 2009 | 6     | 16  | 15   | 21     | 7      | 0.3       | 3.3     | 1.08  | 87.7      | 21.5355 | 20.4561 |
| 2009 | 6     | 16  | 15   | 31     | 7      | 0.3       | 3.3     | 1.1   | 87.1      | 21.5355 | 20.8335 |
| 2009 | 6     | 16  | 15   | 41     | 7      | 0.3       | 3.3     | 1.09  | 90        | 21.5355 | 20.7077 |
| 2009 | 6     | 16  | 15   | 51     | 7      | 0.3       | 3.3     | 1.01  | 87.6      | 21.5355 | 19.1357 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 16  | 16   | 1      | 7      | 0.3       | 3.3     | 1.04  | 85.3      | 21.5355 | 19.5757 |
| 2009 | 6     | 16  | 16   | 11     | 7      | 0.3       | 3.3     | 1.12  | 87.1      | 21.5355 | 21.1481 |
| 2009 | 6     | 16  | 16   | 21     | 7      | 0.3       | 3.3     | 1.1   | 87.8      | 21.5126 | 20.811  |
| 2009 | 6     | 16  | 16   | 31     | 7      | 0.3       | 3.3     | 1.09  | 88.6      | 21.5126 | 20.5597 |
| 2009 | 6     | 16  | 16   | 41     | 7      | 0.3       | 3.3     | 1.09  | 87.1      | 21.5355 | 20.7077 |
| 2009 | 6     | 16  | 16   | 51     | 7      | 0.3       | 3.3     | 1.13  | 88.7      | 21.5355 | 21.3369 |
| 2009 | 6     | 16  | 17   | 1      | 7      | 0.3       | 3.3     | 1.06  | 89.3      | 21.5126 | 20.1199 |
| 2009 | 6     | 16  | 17   | 11     | 7      | 0.3       | 3.3     | 1.07  | 86        | 21.5126 | 20.2455 |
| 2009 | 6     | 16  | 17   | 21     | 7      | 0.3       | 3.3     | 1.11  | 86.3      | 21.5126 | 21.0624 |
| 2009 | 6     | 16  | 17   | 31     | 7      | 0.3       | 3.3     | 1.02  | 83.5      | 21.5126 | 19.1778 |
| 2009 | 6     | 16  | 17   | 41     | 7      | 0.3       | 3.3     | 1.11  | 88.1      | 21.5126 | 20.9367 |
| 2009 | 6     | 16  | 17   | 51     | 7      | 0.3       | 3.3     | 1.1   | 87.8      | 21.5126 | 20.811  |
| 2009 | 6     | 16  | 18   | 1      | 7      | 0.3       | 3.3     | 1.11  | 87.1      | 21.5126 | 20.9367 |
| 2009 | 6     | 16  | 18   | 11     | 7      | 0.3       | 3.3     | 1.03  | 85.4      | 21.5126 | 19.429  |
| 2009 | 6     | 16  | 18   | 21     | 7      | 0.3       | 3.3     | 1.04  | 86.8      | 21.5126 | 19.743  |
| 2009 | 6     | 16  | 18   | 31     | 7      | 0.3       | 3.3     | 1.08  | 86.3      | 21.5126 | 20.3083 |
| 2009 | 6     | 16  | 18   | 41     | 7      | 0.3       | 3.3     | 1.08  | 89.1      | 21.4897 | 20.3492 |
| 2009 | 6     | 16  | 18   | 51     | 7      | 0.3       | 3.3     | 1.05  | 85.9      | 21.4897 | 19.8471 |
| 2009 | 6     | 16  | 19   | 1      | 7      | 0.3       | 3.3     | 1.09  | 87.4      | 21.4897 | 20.5375 |
| 2009 | 6     | 16  | 19   | 11     | 7      | 0.3       | 3.3     | 1.09  | 89.5      | 21.4897 | 20.663  |
| 2009 | 6     | 16  | 19   | 21     | 7      | 0.3       | 3.3     | 1.06  | 89.5      | 21.4897 | 20.0354 |
| 2009 | 6     | 16  | 19   | 31     | 7      | 0.3       | 3.3     | 1.06  | 90.7      | 21.4897 | 20.0981 |
| 2009 | 6     | 16  | 19   | 41     | 7      | 0.3       | 3.3     | 1.11  | 89.7      | 21.4897 | 20.9769 |
| 2009 | 6     | 16  | 19   | 51     | 7      | 0.3       | 3.3     | 1.09  | 88.6      | 21.4897 | 20.663  |
| 2009 | 6     | 16  | 20   | 1      | 7      | 0.3       | 3.3     | 1.1   | 84.9      | 21.4897 | 20.663  |
| 2009 | 6     | 16  | 20   | 11     | 7      | 0.3       | 3.3     | 1.08  | 89.1      | 21.4897 | 20.3492 |
| 2009 | 6     | 16  | 20   | 21     | 7      | 0.3       | 3.3     | 1.09  | 89.1      | 21.4897 | 20.5375 |
| 2009 | 6     | 16  | 20   | 31     | 7      | 0.3       | 3.3     | 1.06  | 87.9      | 21.4897 | 20.0354 |
| 2009 | 6     | 16  | 20   | 41     | 7      | 0.3       | 3.3     | 1.07  | 87.4      | 21.4897 | 20.2236 |
| 2009 | 6     | 16  | 20   | 51     | 7      | 0.3       | 3.3     | 1.09  | 86.9      | 21.4669 | 20.5152 |
| 2009 | 6     | 16  | 21   | 1      | 7      | 0.3       | 3.3     | 1.06  | 85.2      | 21.4669 | 20.0137 |
| 2009 | 6     | 16  | 21   | 11     | 7      | 0.3       | 3.3     | 1.08  | 86.5      | 21.4669 | 20.3898 |
| 2009 | 6     | 16  | 21   | 21     | 7      | 0.3       | 3.3     | 1.06  | 87        | 21.4669 | 20.0137 |
| 2009 | 6     | 16  | 21   | 31     | 7      | 0.3       | 3.3     | 1.08  | 87.4      | 21.4669 | 20.3898 |
| 2009 | 6     | 16  | 21   | 41     | 7      | 0.3       | 3.3     | 1.09  | 85.5      | 21.4669 | 20.5152 |
| 2009 | 6     | 16  | 21   | 51     | 7      | 0.3       | 3.3     | 1.07  | 85.9      | 21.4669 | 20.0764 |
| 2009 | 6     | 16  | 22   | 1      | 7      | 0.3       | 3.3     | 1.07  | 86.7      | 21.4669 | 20.2645 |
| 2009 | 6     | 16  | 22   | 11     | 7      | 0.3       | 3.3     | 1.12  | 88.8      | 21.4669 | 21.2051 |
| 2009 | 6     | 16  | 22   | 21     | 7      | 0.3       | 3.3     | 1.09  | 87.9      | 21.4669 | 20.5152 |
| 2009 | 6     | 16  | 22   | 31     | 7      | 0.3       | 3.3     | 1.07  | 87.7      | 21.4669 | 20.2645 |
| 2009 | 6     | 16  | 22   | 41     | 7      | 0.3       | 3.3     | 1.07  | 89.5      | 21.4669 | 20.2645 |
| 2009 | 6     | 16  | 22   | 51     | 7      | 0.3       | 3.3     | 1.04  | 86.7      | 21.4669 | 19.575  |
| 2009 | 6     | 16  | 23   | 1      | 7      | 0.3       | 3.3     | 1.04  | 87.7      | 21.4669 | 19.6376 |
| 2009 | 6     | 16  | 23   | 11     | 7      | 0.3       | 3.3     | 1.09  | 88.6      | 21.4669 | 20.6407 |
| 2009 | 6     | 16  | 23   | 21     | 7      | 0.3       | 3.3     | 1.03  | 89.3      | 21.4669 | 19.5123 |
| 2009 | 6     | 16  | 23   | 31     | 7      | 0.3       | 3.3     | 1.08  | 86.2      | 21.4669 | 20.3272 |
| 2009 | 6     | 16  | 23   | 41     | 7      | 0.3       | 3.3     | 1.08  | 87        | 21.4669 | 20.3272 |
| 2009 | 6     | 16  | 23   | 51     | 7      | 0.3       | 3.3     | 1.05  | 85.3      | 21.4669 | 19.763  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 17  | 0    | 1      | 7      | 0.3       | 3.3     | 1.07  | 86.8      | 21.4669 | 20.2645 |
| 2009 | 6     | 17  | 0    | 11     | 7      | 0.3       | 3.3     | 1.09  | 87.1      | 21.4669 | 20.5152 |
| 2009 | 6     | 17  | 0    | 21     | 7      | 0.3       | 3.3     | 1.06  | 89.5      | 21.4669 | 19.951  |
| 2009 | 6     | 17  | 0    | 31     | 7      | 0.3       | 3.3     | 1.04  | 89.1      | 21.4669 | 19.7003 |
| 2009 | 6     | 17  | 0    | 41     | 7      | 0.3       | 3.3     | 1.08  | 87        | 21.4669 | 20.3272 |
| 2009 | 6     | 17  | 0    | 51     | 7      | 0.3       | 3.3     | 1.04  | 87.1      | 21.4669 | 19.7003 |
| 2009 | 6     | 17  | 1    | 1      | 7      | 0.3       | 3.3     | 1.06  | 89.3      | 21.4669 | 20.0137 |
| 2009 | 6     | 17  | 1    | 11     | 7      | 0.3       | 3.3     | 1.11  | 88.1      | 21.444  | 20.9315 |
| 2009 | 6     | 17  | 1    | 21     | 7      | 0.3       | 3.3     | 1.06  | 86.4      | 21.444  | 19.8668 |
| 2009 | 6     | 17  | 1    | 31     | 7      | 0.3       | 3.3     | 1.04  | 85.3      | 21.4669 | 19.6376 |
| 2009 | 6     | 17  | 1    | 41     | 7      | 0.3       | 3.3     | 1.05  | 85.3      | 21.4669 | 19.763  |
| 2009 | 6     | 17  | 1    | 51     | 7      | 0.3       | 3.3     | 1.09  | 86.4      | 21.444  | 20.6183 |
| 2009 | 6     | 17  | 2    | 1      | 7      | 0.3       | 3.3     | 1.06  | 87.7      | 21.4669 | 20.0137 |
| 2009 | 6     | 17  | 2    | 11     | 7      | 0.3       | 3.3     | 1.08  | 87.7      | 21.4669 | 20.4525 |
| 2009 | 6     | 17  | 2    | 21     | 7      | 0.3       | 3.3     | 1.04  | 85.5      | 21.444  | 19.6164 |
| 2009 | 6     | 17  | 2    | 31     | 7      | 0.3       | 3.3     | 1.07  | 86.7      | 21.444  | 20.1799 |
| 2009 | 6     | 17  | 2    | 41     | 7      | 0.3       | 3.3     | 1.04  | 86.5      | 21.444  | 19.4912 |
| 2009 | 6     | 17  | 2    | 51     | 7      | 0.3       | 3.3     | 1.05  | 86.4      | 21.444  | 19.7416 |
| 2009 | 6     | 17  | 3    | 1      | 7      | 0.3       | 3.3     | 1.04  | 85.6      | 21.444  | 19.4912 |
| 2009 | 6     | 17  | 3    | 11     | 7      | 0.3       | 3.3     | 1.1   | 88.1      | 21.444  | 20.8062 |
| 2009 | 6     | 17  | 3    | 21     | 7      | 0.3       | 3.3     | 1.09  | 89.3      | 21.444  | 20.6183 |
| 2009 | 6     | 17  | 3    | 31     | 7      | 0.3       | 3.3     | 1.08  | 86.9      | 21.444  | 20.3678 |
| 2009 | 6     | 17  | 3    | 41     | 7      | 0.3       | 3.3     | 1.09  | 85.5      | 21.444  | 20.4304 |
| 2009 | 6     | 17  | 3    | 51     | 7      | 0.3       | 3.3     | 1.05  | 87        | 21.444  | 19.8042 |
| 2009 | 6     | 17  | 4    | 1      | 7      | 0.3       | 3.3     | 1.09  | 88.6      | 21.444  | 20.493  |
| 2009 | 6     | 17  | 4    | 11     | 7      | 0.3       | 3.3     | 1.07  | 86.7      | 21.444  | 20.1799 |
| 2009 | 6     | 17  | 4    | 21     | 7      | 0.3       | 3.3     | 1.06  | 87.7      | 21.444  | 19.9294 |
| 2009 | 6     | 17  | 4    | 31     | 7      | 0.3       | 3.3     | 1.05  | 87.5      | 21.444  | 19.8668 |
| 2009 | 6     | 17  | 4    | 41     | 7      | 0.3       | 3.3     | 1.1   | 85.5      | 21.444  | 20.6183 |
| 2009 | 6     | 17  | 4    | 51     | 7      | 0.3       | 3.3     | 1.09  | 85.9      | 21.444  | 20.493  |
| 2009 | 6     | 17  | 5    | 1      | 7      | 0.3       | 3.3     | 1.07  | 87.5      | 21.444  | 20.1799 |
| 2009 | 6     | 17  | 5    | 11     | 7      | 0.3       | 3.3     | 1.03  | 87.1      | 21.444  | 19.4912 |
| 2009 | 6     | 17  | 5    | 21     | 7      | 0.3       | 3.3     | 1.04  | 85.1      | 21.444  | 19.5538 |
| 2009 | 6     | 17  | 5    | 31     | 7      | 0.3       | 3.3     | 1.08  | 86.2      | 21.444  | 20.2425 |
| 2009 | 6     | 17  | 5    | 41     | 7      | 0.3       | 3.3     | 1.09  | 87.2      | 21.444  | 20.6183 |
| 2009 | 6     | 17  | 5    | 51     | 7      | 0.3       | 3.3     | 1.08  | 87.7      | 21.444  | 20.3051 |
| 2009 | 6     | 17  | 6    | 1      | 7      | 0.3       | 3.3     | 1.07  | 87.9      | 21.444  | 20.2425 |
| 2009 | 6     | 17  | 6    | 11     | 7      | 0.3       | 3.3     | 1.08  | 87.6      | 21.444  | 20.3678 |
| 2009 | 6     | 17  | 6    | 21     | 7      | 0.3       | 3.3     | 1.05  | 85.7      | 21.444  | 19.7416 |
| 2009 | 6     | 17  | 6    | 31     | 7      | 0.3       | 3.3     | 1.1   | 89.1      | 21.444  | 20.8062 |
| 2009 | 6     | 17  | 6    | 41     | 7      | 0.3       | 3.3     | 1.08  | 86.3      | 21.444  | 20.3678 |
| 2009 | 6     | 17  | 6    | 51     | 7      | 0.3       | 3.3     | 1.08  | 87.2      | 21.444  | 20.3678 |
| 2009 | 6     | 17  | 7    | 1      | 7      | 0.3       | 3.3     | 1.05  | 87.3      | 21.444  | 19.8042 |
| 2009 | 6     | 17  | 7    | 11     | 7      | 0.3       | 3.3     | 1.08  | 87.4      | 21.444  | 20.3051 |
| 2009 | 6     | 17  | 7    | 21     | 7      | 0.3       | 3.3     | 1.08  | 89.5      | 21.444  | 20.3678 |
| 2009 | 6     | 17  | 7    | 31     | 7      | 0.3       | 3.3     | 1.05  | 85.9      | 21.444  | 19.679  |
| 2009 | 6     | 17  | 7    | 41     | 7      | 0.3       | 3.3     | 1.06  | 84.5      | 21.444  | 19.9294 |
| 2009 | 6     | 17  | 7    | 51     | 7      | 0.3       | 3.3     | 1.07  | 85.6      | 21.444  | 20.0546 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 17  | 8    | 1      | 7      | 0.3       | 3.3     | 1.07  | 86.3      | 21.444  | 20.1799 |
| 2009 | 6     | 17  | 8    | 11     | 7      | 0.3       | 3.3     | 1.04  | 86        | 21.444  | 19.5538 |
| 2009 | 6     | 17  | 8    | 21     | 7      | 0.3       | 3.3     | 1.06  | 87.9      | 21.444  | 19.9294 |
| 2009 | 6     | 17  | 8    | 31     | 7      | 0.3       | 3.3     | 1.04  | 86.2      | 21.444  | 19.4912 |
| 2009 | 6     | 17  | 8    | 41     | 7      | 0.3       | 3.3     | 1.09  | 90.7      | 21.4669 | 20.5152 |
| 2009 | 6     | 17  | 8    | 51     | 7      | 0.3       | 3.3     | 1.06  | 86.8      | 21.4669 | 19.951  |
| 2009 | 6     | 17  | 9    | 1      | 7      | 0.3       | 3.3     | 1.07  | 86.8      | 21.4669 | 20.2645 |
| 2009 | 6     | 17  | 9    | 11     | 7      | 0.3       | 3.3     | 1.05  | 88.6      | 21.4669 | 19.763  |
| 2009 | 6     | 17  | 9    | 21     | 7      | 0.3       | 3.3     | 1.09  | 88.6      | 21.4669 | 20.5152 |
| 2009 | 6     | 17  | 9    | 31     | 7      | 0.3       | 3.3     | 1.08  | 86.4      | 21.4669 | 20.4525 |
| 2009 | 6     | 17  | 9    | 41     | 7      | 0.3       | 3.3     | 1.09  | 87.2      | 21.4669 | 20.5152 |
| 2009 | 6     | 17  | 9    | 51     | 7      | 0.3       | 3.3     | 1.07  | 88.2      | 21.4669 | 20.1391 |
| 2009 | 6     | 17  | 10   | 1      | 7      | 0.3       | 3.3     | 1.05  | 87.1      | 21.4669 | 19.8883 |
| 2009 | 6     | 17  | 10   | 11     | 7      | 0.3       | 3.3     | 1.09  | 88.4      | 21.4669 | 20.5152 |
| 2009 | 6     | 17  | 10   | 21     | 7      | 0.3       | 3.3     | 1.09  | 90        | 21.4669 | 20.5152 |
| 2009 | 6     | 17  | 10   | 31     | 7      | 0.3       | 3.3     | 1.05  | 87.5      | 21.4669 | 19.8883 |
| 2009 | 6     | 17  | 10   | 41     | 7      | 0.3       | 3.3     | 1.09  | 89.1      | 21.4669 | 20.5779 |
| 2009 | 6     | 17  | 10   | 51     | 7      | 0.3       | 3.3     | 1.02  | 86        | 21.4669 | 19.2617 |
| 2009 | 6     | 17  | 11   | 1      | 7      | 0.3       | 3.3     | 1.04  | 86.2      | 21.4669 | 19.5123 |
| 2009 | 6     | 17  | 11   | 11     | 7      | 0.3       | 3.3     | 1.09  | 86.9      | 21.4669 | 20.5779 |
| 2009 | 6     | 17  | 11   | 21     | 7      | 0.3       | 3.3     | 1.1   | 88.1      | 21.4669 | 20.7034 |
| 2009 | 6     | 17  | 11   | 31     | 7      | 0.3       | 3.3     | 1.08  | 86.9      | 21.4669 | 20.4525 |
| 2009 | 6     | 17  | 11   | 41     | 7      | 0.3       | 3.3     | 1.09  | 87.6      | 21.4897 | 20.5375 |
| 2009 | 6     | 17  | 11   | 51     | 7      | 0.3       | 3.3     | 1.07  | 88.6      | 21.4669 | 20.2018 |
| 2009 | 6     | 17  | 12   | 1      | 7      | 0.3       | 3.3     | 1.11  | 89.5      | 21.4669 | 21.0169 |
| 2009 | 6     | 17  | 12   | 11     | 7      | 0.3       | 3.3     | 1.03  | 87.1      | 21.4897 | 19.5334 |
| 2009 | 6     | 17  | 12   | 21     | 7      | 0.3       | 3.3     | 1.05  | 87.5      | 21.4897 | 19.8471 |
| 2009 | 6     | 17  | 12   | 31     | 7      | 0.3       | 3.3     | 1.08  | 86.3      | 21.4897 | 20.3492 |
| 2009 | 6     | 17  | 12   | 41     | 7      | 0.3       | 3.3     | 1.09  | 86.2      | 21.4897 | 20.4747 |
| 2009 | 6     | 17  | 12   | 51     | 7      | 0.3       | 3.3     | 1.08  | 87.7      | 21.4897 | 20.4747 |
| 2009 | 6     | 17  | 13   | 1      | 7      | 0.3       | 3.3     | 1.08  | 87.6      | 21.4897 | 20.3492 |
| 2009 | 6     | 17  | 13   | 11     | 7      | 0.3       | 3.3     | 1.07  | 88.6      | 21.4897 | 20.1609 |
| 2009 | 6     | 17  | 13   | 21     | 7      | 0.3       | 3.3     | 1.09  | 87.8      | 21.4897 | 20.5375 |
| 2009 | 6     | 17  | 13   | 31     | 7      | 0.3       | 3.3     | 1.08  | 87.6      | 21.4897 | 20.4119 |
| 2009 | 6     | 17  | 13   | 41     | 7      | 0.3       | 3.3     | 1.08  | 87.7      | 21.4897 | 20.4119 |
| 2009 | 6     | 17  | 13   | 51     | 7      | 0.3       | 3.3     | 1.08  | 85.8      | 21.4897 | 20.4119 |
| 2009 | 6     | 17  | 14   | 1      | 7      | 0.3       | 3.3     | 1.14  | 88.7      | 21.4897 | 21.542  |
| 2009 | 6     | 17  | 14   | 11     | 7      | 0.3       | 3.3     | 1.06  | 88.9      | 21.4897 | 19.9726 |
| 2009 | 6     | 17  | 14   | 21     | 7      | 0.3       | 3.3     | 1.07  | 85.4      | 21.4897 | 20.0981 |
| 2009 | 6     | 17  | 14   | 31     | 7      | 0.3       | 3.3     | 1.11  | 87.8      | 21.4897 | 20.9769 |
| 2009 | 6     | 17  | 14   | 41     | 7      | 0.3       | 3.3     | 1.11  | 86.6      | 21.5126 | 20.9996 |
| 2009 | 6     | 17  | 14   | 51     | 7      | 0.3       | 3.3     | 1.11  | 89        | 21.4897 | 20.9141 |
| 2009 | 6     | 17  | 15   | 1      | 7      | 0.3       | 3.3     | 1.09  | 87.9      | 21.4897 | 20.663  |
| 2009 | 6     | 17  | 15   | 11     | 7      | 0.3       | 3.3     | 1.09  | 89        | 21.4897 | 20.5375 |
| 2009 | 6     | 17  | 15   | 21     | 7      | 0.3       | 3.3     | 1.09  | 87.2      | 21.4897 | 20.5375 |
| 2009 | 6     | 17  | 15   | 31     | 7      | 0.3       | 3.3     | 1.08  | 86.4      | 21.4897 | 20.4747 |
| 2009 | 6     | 17  | 15   | 41     | 7      | 0.3       | 3.3     | 1.1   | 88.8      | 21.4897 | 20.7886 |
| 2009 | 6     | 17  | 15   | 51     | 7      | 0.3       | 3.3     | 1.13  | 88.8      | 21.4897 | 21.4164 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 17  | 16   | 1      | 7      | 0.3       | 3.3     | 1.04  | 85.5      | 21.4897 | 19.6589 |
| 2009 | 6     | 17  | 16   | 11     | 7      | 0.3       | 3.3     | 1.06  | 87.9      | 21.5126 | 19.9942 |
| 2009 | 6     | 17  | 16   | 21     | 7      | 0.3       | 3.3     | 1.07  | 87.9      | 21.4897 | 20.1609 |
| 2009 | 6     | 17  | 16   | 31     | 7      | 0.3       | 3.3     | 1.06  | 84.9      | 21.4897 | 19.9726 |
| 2009 | 6     | 17  | 16   | 41     | 7      | 0.3       | 3.3     | 1.05  | 85        | 21.4897 | 19.7216 |
| 2009 | 6     | 17  | 16   | 51     | 7      | 0.3       | 3.3     | 1.07  | 88.4      | 21.4897 | 20.2236 |
| 2009 | 6     | 17  | 17   | 1      | 7      | 0.3       | 3.3     | 1.12  | 85.8      | 21.4897 | 21.0397 |
| 2009 | 6     | 17  | 17   | 11     | 7      | 0.3       | 3.3     | 1.06  | 87        | 21.4897 | 19.9726 |
| 2009 | 6     | 17  | 17   | 21     | 7      | 0.3       | 3.3     | 1.11  | 86.3      | 21.4897 | 21.0397 |
| 2009 | 6     | 17  | 17   | 31     | 7      | 0.3       | 3.3     | 1.04  | 87.3      | 21.4897 | 19.6589 |
| 2009 | 6     | 17  | 17   | 41     | 7      | 0.3       | 3.3     | 1.09  | 89.5      | 21.4897 | 20.663  |
| 2009 | 6     | 17  | 17   | 51     | 7      | 0.3       | 3.3     | 1.07  | 87        | 21.4897 | 20.1609 |
| 2009 | 6     | 17  | 18   | 1      | 7      | 0.3       | 3.3     | 1.09  | 87.6      | 21.4897 | 20.6002 |
| 2009 | 6     | 17  | 18   | 11     | 7      | 0.3       | 3.3     | 1.11  | 88.1      | 21.4897 | 20.9141 |
| 2009 | 6     | 17  | 18   | 21     | 7      | 0.3       | 3.3     | 1.08  | 87.1      | 21.4897 | 20.4747 |
| 2009 | 6     | 17  | 18   | 31     | 7      | 0.3       | 3.3     | 1.08  | 87.7      | 21.4897 | 20.4119 |
| 2009 | 6     | 17  | 18   | 41     | 7      | 0.3       | 3.3     | 1.07  | 85.1      | 21.4897 | 20.2236 |
| 2009 | 6     | 17  | 18   | 51     | 7      | 0.3       | 3.3     | 1.08  | 87.2      | 21.4897 | 20.4119 |
| 2009 | 6     | 17  | 19   | 1      | 7      | 0.3       | 3.3     | 1.06  | 90        | 21.4897 | 20.0354 |
| 2009 | 6     | 17  | 19   | 11     | 7      | 0.3       | 3.3     | 1.1   | 88.3      | 21.4897 | 20.8513 |
| 2009 | 6     | 17  | 19   | 21     | 7      | 0.3       | 3.3     | 1.11  | 88.3      | 21.4897 | 20.9769 |
| 2009 | 6     | 17  | 19   | 31     | 7      | 0.3       | 3.3     | 1.1   | 86.8      | 21.4897 | 20.7886 |
| 2009 | 6     | 17  | 19   | 41     | 7      | 0.3       | 3.3     | 1.12  | 88.8      | 21.5126 | 21.1882 |
| 2009 | 6     | 17  | 19   | 51     | 7      | 0.3       | 3.3     | 1.1   | 90        | 21.4897 | 20.7258 |
| 2009 | 6     | 17  | 20   | 1      | 7      | 0.3       | 3.3     | 1.07  | 85.4      | 21.4897 | 20.0981 |
| 2009 | 6     | 17  | 20   | 11     | 7      | 0.3       | 3.3     | 1.07  | 88.2      | 21.4897 | 20.2236 |
| 2009 | 6     | 17  | 20   | 21     | 7      | 0.3       | 3.3     | 1.08  | 89.1      | 21.4897 | 20.4119 |
| 2009 | 6     | 17  | 20   | 31     | 7      | 0.3       | 3.3     | 1.08  | 88.3      | 21.4897 | 20.4119 |
| 2009 | 6     | 17  | 20   | 41     | 7      | 0.3       | 3.3     | 1.08  | 87.7      | 21.4897 | 20.4119 |
| 2009 | 6     | 17  | 20   | 51     | 7      | 0.3       | 3.3     | 1.13  | 88.5      | 21.5126 | 21.4396 |
| 2009 | 6     | 17  | 21   | 1      | 7      | 0.3       | 3.3     | 1.11  | 91.7      | 21.4897 | 20.9769 |
| 2009 | 6     | 17  | 21   | 11     | 7      | 0.3       | 3.3     | 1.07  | 87.5      | 21.4897 | 20.1609 |
| 2009 | 6     | 17  | 21   | 21     | 7      | 0.3       | 3.3     | 1.08  | 90        | 21.5126 | 20.3712 |
| 2009 | 6     | 17  | 21   | 31     | 7      | 0.3       | 3.3     | 1.1   | 86.6      | 21.5126 | 20.7482 |
| 2009 | 6     | 17  | 21   | 41     | 7      | 0.3       | 3.3     | 1.07  | 88.4      | 21.5126 | 20.3083 |
| 2009 | 6     | 17  | 21   | 51     | 7      | 0.3       | 3.3     | 1.1   | 88.1      | 21.5126 | 20.811  |
| 2009 | 6     | 17  | 22   | 1      | 7      | 0.3       | 3.3     | 1.08  | 89.1      | 21.5126 | 20.434  |
| 2009 | 6     | 17  | 22   | 11     | 7      | 0.3       | 3.3     | 1.12  | 89.5      | 21.5126 | 21.251  |
| 2009 | 6     | 17  | 22   | 21     | 7      | 0.3       | 3.3     | 1.09  | 87.6      | 21.5126 | 20.6225 |
| 2009 | 6     | 17  | 22   | 31     | 7      | 0.3       | 3.3     | 1.07  | 88.9      | 21.5126 | 20.3083 |
| 2009 | 6     | 17  | 22   | 41     | 7      | 0.3       | 3.3     | 1.14  | 87.4      | 21.5126 | 21.5025 |
| 2009 | 6     | 17  | 22   | 51     | 7      | 0.3       | 3.3     | 1.08  | 88.3      | 21.5126 | 20.3712 |
| 2009 | 6     | 17  | 23   | 1      | 7      | 0.3       | 3.3     | 1.1   | 88.6      | 21.5126 | 20.8739 |
| 2009 | 6     | 17  | 23   | 11     | 7      | 0.3       | 3.3     | 1.11  | 88.5      | 21.5126 | 20.9367 |
| 2009 | 6     | 17  | 23   | 21     | 7      | 0.3       | 3.3     | 1.09  | 87.1      | 21.5355 | 20.5819 |
| 2009 | 6     | 17  | 23   | 31     | 7      | 0.3       | 3.3     | 1.11  | 90.2      | 21.5126 | 20.9367 |
| 2009 | 6     | 17  | 23   | 41     | 7      | 0.3       | 3.3     | 1.12  | 86.1      | 21.5126 | 21.1882 |
| 2009 | 6     | 17  | 23   | 51     | 7      | 0.3       | 3.3     | 1.12  | 87.8      | 21.5355 | 21.274  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 18  | 0    | 1      | 7      | 0.3       | 3.3     | 1.04  | 87.8      | 21.5355 | 19.7643 |
| 2009 | 6     | 18  | 0    | 11     | 7      | 0.3       | 3.3     | 1.09  | 88.8      | 21.5355 | 20.7077 |
| 2009 | 6     | 18  | 0    | 21     | 7      | 0.3       | 3.3     | 1.1   | 89        | 21.5355 | 20.8335 |
| 2009 | 6     | 18  | 0    | 31     | 7      | 0.3       | 3.3     | 1.11  | 87.8      | 21.5355 | 20.9594 |
| 2009 | 6     | 18  | 0    | 41     | 7      | 0.3       | 3.3     | 1.12  | 90.2      | 21.5355 | 21.274  |
| 2009 | 6     | 18  | 0    | 51     | 7      | 0.3       | 3.3     | 1.08  | 86.9      | 21.5355 | 20.4561 |
| 2009 | 6     | 18  | 1    | 1      | 7      | 0.3       | 3.3     | 1.06  | 88.8      | 21.5355 | 20.0787 |
| 2009 | 6     | 18  | 1    | 11     | 7      | 0.3       | 3.3     | 1.08  | 89.5      | 21.5355 | 20.519  |
| 2009 | 6     | 18  | 1    | 21     | 7      | 0.3       | 3.3     | 1.12  | 87.8      | 21.5355 | 21.1481 |
| 2009 | 6     | 18  | 1    | 31     | 7      | 0.3       | 3.3     | 1.08  | 88.8      | 21.5583 | 20.4782 |
| 2009 | 6     | 18  | 1    | 41     | 7      | 0.3       | 3.3     | 1.11  | 87.1      | 21.5355 | 21.0223 |
| 2009 | 6     | 18  | 1    | 51     | 7      | 0.3       | 3.3     | 1.09  | 86.6      | 21.5355 | 20.7077 |
| 2009 | 6     | 18  | 2    | 1      | 7      | 0.3       | 3.3     | 1.12  | 88.1      | 21.5355 | 21.1481 |
| 2009 | 6     | 18  | 2    | 11     | 7      | 0.3       | 3.3     | 1.09  | 87.9      | 21.5583 | 20.73   |
| 2009 | 6     | 18  | 2    | 21     | 7      | 0.3       | 3.3     | 1.13  | 90.2      | 21.5583 | 21.3599 |
| 2009 | 6     | 18  | 2    | 31     | 7      | 0.3       | 3.3     | 1.1   | 87.4      | 21.5583 | 20.919  |
| 2009 | 6     | 18  | 2    | 41     | 7      | 0.3       | 3.3     | 1.1   | 87.4      | 21.5583 | 20.919  |
| 2009 | 6     | 18  | 2    | 51     | 7      | 0.3       | 3.3     | 1.07  | 88.6      | 21.5812 | 20.3742 |
| 2009 | 6     | 18  | 3    | 1      | 7      | 0.3       | 3.3     | 1.09  | 88.8      | 21.5583 | 20.73   |
| 2009 | 6     | 18  | 3    | 11     | 7      | 0.3       | 3.3     | 1.1   | 85.5      | 21.5583 | 20.73   |
| 2009 | 6     | 18  | 3    | 21     | 7      | 0.3       | 3.3     | 1.05  | 88        | 21.5812 | 19.87   |
| 2009 | 6     | 18  | 3    | 31     | 7      | 0.3       | 3.3     | 1.08  | 85.5      | 21.5583 | 20.3522 |
| 2009 | 6     | 18  | 3    | 41     | 7      | 0.3       | 3.3     | 1.1   | 87.1      | 21.5583 | 20.793  |
| 2009 | 6     | 18  | 3    | 51     | 7      | 0.3       | 3.3     | 1.09  | 87.1      | 21.5812 | 20.6263 |
| 2009 | 6     | 18  | 4    | 1      | 7      | 0.3       | 3.3     | 1.09  | 89.1      | 21.5812 | 20.6893 |
| 2009 | 6     | 18  | 4    | 11     | 7      | 0.3       | 3.3     | 1.12  | 88.5      | 21.5812 | 21.2568 |
| 2009 | 6     | 18  | 4    | 21     | 7      | 0.3       | 3.3     | 1.06  | 88.6      | 21.6041 | 20.1437 |
| 2009 | 6     | 18  | 4    | 31     | 7      | 0.3       | 3.3     | 1.03  | 87.6      | 21.6041 | 19.6391 |
| 2009 | 6     | 18  | 4    | 41     | 7      | 0.3       | 3.3     | 1.09  | 86.7      | 21.6041 | 20.7116 |
| 2009 | 6     | 18  | 4    | 51     | 7      | 0.3       | 3.3     | 1.08  | 87        | 21.6041 | 20.4592 |
| 2009 | 6     | 18  | 5    | 1      | 7      | 0.3       | 3.3     | 1.13  | 90        | 21.6269 | 21.429  |
| 2009 | 6     | 18  | 5    | 11     | 7      | 0.3       | 3.3     | 1.1   | 88.6      | 21.6269 | 20.9234 |
| 2009 | 6     | 18  | 5    | 21     | 7      | 0.3       | 3.3     | 1.09  | 88.3      | 21.6269 | 20.7339 |
| 2009 | 6     | 18  | 5    | 31     | 7      | 0.3       | 3.3     | 1.13  | 89.2      | 21.6498 | 21.5153 |
| 2009 | 6     | 18  | 5    | 41     | 7      | 0.3       | 3.3     | 1.08  | 89        | 21.6498 | 20.6297 |
| 2009 | 6     | 18  | 5    | 51     | 7      | 0.3       | 3.3     | 1.12  | 87.8      | 21.6498 | 21.2622 |
| 2009 | 6     | 18  | 6    | 1      | 7      | 0.3       | 3.3     | 1.03  | 87.5      | 21.6498 | 19.6813 |
| 2009 | 6     | 18  | 6    | 11     | 7      | 0.3       | 3.3     | 1.05  | 88.9      | 21.6498 | 19.9974 |
| 2009 | 6     | 18  | 6    | 21     | 7      | 0.3       | 3.3     | 1.09  | 88.3      | 21.6498 | 20.7562 |
| 2009 | 6     | 18  | 6    | 31     | 7      | 0.3       | 3.3     | 1.1   | 87.3      | 21.6498 | 20.9459 |
| 2009 | 6     | 18  | 6    | 41     | 7      | 0.3       | 3.3     | 1.08  | 86.3      | 21.6726 | 20.5252 |
| 2009 | 6     | 18  | 6    | 51     | 7      | 0.3       | 3.3     | 1.1   | 87.8      | 21.6726 | 20.9051 |
| 2009 | 6     | 18  | 7    | 1      | 7      | 0.3       | 3.3     | 1.09  | 87.9      | 21.6726 | 20.7784 |
| 2009 | 6     | 18  | 7    | 11     | 7      | 0.3       | 3.3     | 1.1   | 88.8      | 21.6726 | 20.9051 |
| 2009 | 6     | 18  | 7    | 21     | 7      | 0.3       | 3.3     | 1.06  | 88.4      | 21.6726 | 20.2087 |
| 2009 | 6     | 18  | 7    | 31     | 7      | 0.3       | 3.3     | 1.13  | 86.7      | 21.6726 | 21.475  |
| 2009 | 6     | 18  | 7    | 41     | 7      | 0.3       | 3.3     | 1.12  | 88.3      | 21.6726 | 21.285  |
| 2009 | 6     | 18  | 7    | 51     | 7      | 0.3       | 3.3     | 1.1   | 88.5      | 21.6726 | 21.0317 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 18  | 8    | 1      | 7      | 0.3       | 3.3     | 1.11  | 86.5      | 21.6726 | 21.2217 |
| 2009 | 6     | 18  | 8    | 11     | 7      | 0.3       | 3.3     | 1.08  | 85.5      | 21.6726 | 20.5885 |
| 2009 | 6     | 18  | 8    | 21     | 7      | 0.3       | 3.3     | 1.12  | 88.1      | 21.6955 | 21.3079 |
| 2009 | 6     | 18  | 8    | 31     | 7      | 0.3       | 3.3     | 1.11  | 87.5      | 21.6726 | 21.2217 |
| 2009 | 6     | 18  | 8    | 41     | 7      | 0.3       | 3.3     | 1.11  | 89.2      | 21.6955 | 21.2445 |
| 2009 | 6     | 18  | 8    | 51     | 7      | 0.3       | 3.3     | 1.07  | 86.8      | 21.6955 | 20.4206 |
| 2009 | 6     | 18  | 9    | 1      | 7      | 0.3       | 3.3     | 1.14  | 91.3      | 21.6955 | 21.6884 |
| 2009 | 6     | 18  | 9    | 11     | 7      | 0.3       | 3.3     | 1.12  | 90.3      | 21.6726 | 21.4117 |
| 2009 | 6     | 18  | 9    | 21     | 7      | 0.3       | 3.3     | 1.11  | 89.5      | 21.6955 | 21.1177 |
| 2009 | 6     | 18  | 9    | 31     | 7      | 0.3       | 3.3     | 1.07  | 86.5      | 21.6726 | 20.3986 |
| 2009 | 6     | 18  | 9    | 41     | 7      | 0.3       | 3.3     | 1.1   | 88.5      | 21.6726 | 20.9684 |
| 2009 | 6     | 18  | 9    | 51     | 7      | 0.3       | 3.3     | 1.11  | 86.4      | 21.6726 | 21.1584 |
| 2009 | 6     | 18  | 10   | 1      | 7      | 0.3       | 3.3     | 1.09  | 86.7      | 21.6726 | 20.8418 |
| 2009 | 6     | 18  | 10   | 11     | 7      | 0.3       | 3.3     | 1.09  | 86.6      | 21.6498 | 20.8194 |
| 2009 | 6     | 18  | 10   | 21     | 7      | 0.3       | 3.3     | 1.12  | 86        | 21.6726 | 21.285  |
| 2009 | 6     | 18  | 10   | 31     | 7      | 0.3       | 3.3     | 1.13  | 88        | 21.6269 | 21.5554 |
| 2009 | 6     | 18  | 10   | 41     | 7      | 0.3       | 3.3     | 1.12  | 88.5      | 21.6498 | 21.2622 |
| 2009 | 6     | 18  | 10   | 51     | 7      | 0.3       | 3.3     | 1.06  | 89.1      | 21.6269 | 20.1654 |
| 2009 | 6     | 18  | 11   | 1      | 7      | 0.3       | 3.3     | 1.15  | 88.7      | 21.6269 | 21.8082 |
| 2009 | 6     | 18  | 11   | 11     | 7      | 0.3       | 3.3     | 1.1   | 86.8      | 21.6269 | 20.9234 |
| 2009 | 6     | 18  | 11   | 21     | 7      | 0.3       | 3.3     | 1.1   | 86.4      | 21.6269 | 20.8603 |
| 2009 | 6     | 18  | 11   | 31     | 7      | 0.3       | 3.3     | 1.04  | 87.7      | 21.6041 | 19.8283 |
| 2009 | 6     | 18  | 11   | 41     | 7      | 0.3       | 3.3     | 1.12  | 86        | 21.6041 | 21.2166 |
| 2009 | 6     | 18  | 11   | 51     | 7      | 0.3       | 3.3     | 1.07  | 88.6      | 21.6041 | 20.333  |
| 2009 | 6     | 18  | 12   | 1      | 7      | 0.3       | 3.3     | 1.05  | 87        | 21.6041 | 19.9545 |
| 2009 | 6     | 18  | 12   | 11     | 7      | 0.3       | 3.3     | 1.09  | 86.9      | 21.6041 | 20.7747 |
| 2009 | 6     | 18  | 12   | 21     | 7      | 0.3       | 3.3     | 1.08  | 87.2      | 21.6041 | 20.5223 |
| 2009 | 6     | 18  | 12   | 31     | 7      | 0.3       | 3.3     | 1.15  | 88.5      | 21.5812 | 21.8876 |
| 2009 | 6     | 18  | 12   | 41     | 7      | 0.3       | 3.3     | 1.07  | 89.6      | 21.6041 | 20.3961 |
| 2009 | 6     | 18  | 12   | 51     | 7      | 0.3       | 3.3     | 1.09  | 86.6      | 21.6041 | 20.7116 |
| 2009 | 6     | 18  | 13   | 1      | 7      | 0.3       | 3.3     | 1.1   | 87.4      | 21.6041 | 20.8379 |
| 2009 | 6     | 18  | 13   | 11     | 7      | 0.3       | 3.3     | 1.09  | 88.1      | 21.6041 | 20.7747 |
| 2009 | 6     | 18  | 13   | 21     | 7      | 0.3       | 3.3     | 1.08  | 89.5      | 21.6041 | 20.4592 |
| 2009 | 6     | 18  | 13   | 31     | 7      | 0.3       | 3.3     | 1.06  | 84.7      | 21.6041 | 20.0806 |
| 2009 | 6     | 18  | 13   | 41     | 7      | 0.3       | 3.3     | 1.09  | 85.7      | 21.6041 | 20.5854 |
| 2009 | 6     | 18  | 13   | 51     | 7      | 0.3       | 3.3     | 1.11  | 86.6      | 21.6041 | 21.0272 |
| 2009 | 6     | 18  | 14   | 1      | 7      | 0.3       | 3.3     | 1.09  | 90.7      | 21.6041 | 20.6485 |
| 2009 | 6     | 18  | 14   | 11     | 7      | 0.3       | 3.3     | 1.09  | 90        | 21.5812 | 20.6893 |
| 2009 | 6     | 18  | 14   | 21     | 7      | 0.3       | 3.3     | 1.11  | 87.6      | 21.5812 | 21.0676 |
| 2009 | 6     | 18  | 14   | 31     | 7      | 0.3       | 3.3     | 1.07  | 85.8      | 21.5812 | 20.3111 |
| 2009 | 6     | 18  | 14   | 41     | 7      | 0.3       | 3.3     | 1.05  | 86        | 21.6041 | 19.8283 |
| 2009 | 6     | 18  | 14   | 51     | 7      | 0.3       | 3.3     | 1.13  | 91        | 21.6041 | 21.5322 |
| 2009 | 6     | 18  | 15   | 1      | 7      | 0.3       | 3.3     | 1.08  | 82.9      | 21.6041 | 20.3961 |
| 2009 | 6     | 18  | 15   | 11     | 7      | 0.3       | 3.3     | 1.1   | 87.4      | 21.5812 | 20.8154 |
| 2009 | 6     | 18  | 15   | 21     | 7      | 0.3       | 3.3     | 1.12  | 88.3      | 21.5812 | 21.2568 |
| 2009 | 6     | 18  | 15   | 31     | 7      | 0.3       | 3.3     | 1.1   | 89.1      | 21.5812 | 20.8154 |
| 2009 | 6     | 18  | 15   | 41     | 7      | 0.3       | 3.3     | 1.1   | 86.9      | 21.5812 | 20.8154 |
| 2009 | 6     | 18  | 15   | 51     | 7      | 0.3       | 3.3     | 1.08  | 87.6      | 21.5812 | 20.4372 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 18  | 16   | 1      | 7      | 0.3       | 3.3     | 1.1   | 91        | 21.5812 | 20.8785 |
| 2009 | 6     | 18  | 16   | 11     | 7      | 0.3       | 3.3     | 1.12  | 87.8      | 21.5812 | 21.1938 |
| 2009 | 6     | 18  | 16   | 21     | 7      | 0.3       | 3.3     | 1.05  | 86.4      | 21.5812 | 19.87   |
| 2009 | 6     | 18  | 16   | 31     | 7      | 0.3       | 3.3     | 1.12  | 89.8      | 21.5812 | 21.2568 |
| 2009 | 6     | 18  | 16   | 41     | 7      | 0.3       | 3.3     | 1.08  | 84.6      | 21.5812 | 20.4372 |
| 2009 | 6     | 18  | 16   | 51     | 7      | 0.3       | 3.3     | 1.08  | 87.6      | 21.5812 | 20.4372 |
| 2009 | 6     | 18  | 17   | 1      | 7      | 0.3       | 3.3     | 1.09  | 88.5      | 21.5812 | 20.7524 |
| 2009 | 6     | 18  | 17   | 11     | 7      | 0.3       | 3.3     | 1.09  | 87.1      | 21.5812 | 20.6893 |
| 2009 | 6     | 18  | 17   | 21     | 7      | 0.3       | 3.3     | 1.12  | 87.3      | 21.5812 | 21.1938 |
| 2009 | 6     | 18  | 17   | 31     | 7      | 0.3       | 3.3     | 1.08  | 87        | 21.5583 | 20.4152 |
| 2009 | 6     | 18  | 17   | 41     | 7      | 0.3       | 3.3     | 1.1   | 87.6      | 21.5812 | 20.9415 |
| 2009 | 6     | 18  | 17   | 51     | 7      | 0.3       | 3.3     | 1.08  | 87.7      | 21.5812 | 20.5633 |
| 2009 | 6     | 18  | 18   | 1      | 7      | 0.3       | 3.3     | 1.08  | 90.3      | 21.5583 | 20.4782 |
| 2009 | 6     | 18  | 18   | 11     | 7      | 0.3       | 3.3     | 1.1   | 86.9      | 21.5583 | 20.793  |
| 2009 | 6     | 18  | 18   | 21     | 7      | 0.3       | 3.3     | 1.09  | 86.5      | 21.5583 | 20.6041 |
| 2009 | 6     | 18  | 18   | 31     | 7      | 0.3       | 3.3     | 1.11  | 87.1      | 21.5583 | 21.1079 |
| 2009 | 6     | 18  | 18   | 41     | 7      | 0.3       | 3.3     | 1.06  | 86.4      | 21.5812 | 19.996  |
| 2009 | 6     | 18  | 18   | 51     | 7      | 0.3       | 3.3     | 1.12  | 85.8      | 21.5583 | 21.1079 |
| 2009 | 6     | 18  | 19   | 1      | 7      | 0.3       | 3.3     | 1.12  | 90.8      | 21.5583 | 21.1709 |
| 2009 | 6     | 18  | 19   | 11     | 7      | 0.3       | 3.3     | 1.12  | 89.2      | 21.5583 | 21.2969 |
| 2009 | 6     | 18  | 19   | 21     | 7      | 0.3       | 3.3     | 1.06  | 87.7      | 21.5583 | 20.1633 |
| 2009 | 6     | 18  | 19   | 31     | 7      | 0.3       | 3.3     | 1.1   | 86.4      | 21.5583 | 20.919  |
| 2009 | 6     | 18  | 19   | 41     | 7      | 0.3       | 3.3     | 1.09  | 89.3      | 21.5583 | 20.6041 |
| 2009 | 6     | 18  | 19   | 51     | 7      | 0.3       | 3.3     | 1.09  | 87.9      | 21.5583 | 20.6041 |
| 2009 | 6     | 18  | 20   | 1      | 7      | 0.3       | 3.3     | 1.09  | 86.4      | 21.5583 | 20.6041 |
| 2009 | 6     | 18  | 20   | 11     | 7      | 0.3       | 3.3     | 1.08  | 87        | 21.5583 | 20.4782 |
| 2009 | 6     | 18  | 20   | 21     | 7      | 0.3       | 3.3     | 1.04  | 85.7      | 21.5583 | 19.7227 |
| 2009 | 6     | 18  | 20   | 31     | 7      | 0.3       | 3.3     | 1.05  | 87.8      | 21.5583 | 19.8486 |
| 2009 | 6     | 18  | 20   | 41     | 7      | 0.3       | 3.3     | 1.09  | 88.6      | 21.5583 | 20.6041 |
| 2009 | 6     | 18  | 20   | 51     | 7      | 0.3       | 3.3     | 1.1   | 88.8      | 21.5583 | 20.793  |
| 2009 | 6     | 18  | 21   | 1      | 7      | 0.3       | 3.3     | 1.05  | 89.1      | 21.5583 | 19.9745 |
| 2009 | 6     | 18  | 21   | 11     | 7      | 0.3       | 3.3     | 1.09  | 87.4      | 21.5583 | 20.6041 |
| 2009 | 6     | 18  | 21   | 21     | 7      | 0.3       | 3.3     | 1.08  | 87.7      | 21.5583 | 20.4782 |
| 2009 | 6     | 18  | 21   | 31     | 7      | 0.3       | 3.3     | 1.1   | 87.8      | 21.5583 | 20.856  |
| 2009 | 6     | 18  | 21   | 41     | 7      | 0.3       | 3.3     | 1.1   | 88.3      | 21.5583 | 20.856  |
| 2009 | 6     | 18  | 21   | 51     | 7      | 0.3       | 3.3     | 1.05  | 87.7      | 21.5583 | 19.9745 |
| 2009 | 6     | 18  | 22   | 1      | 7      | 0.3       | 3.3     | 1.1   | 85.5      | 21.5583 | 20.73   |
| 2009 | 6     | 18  | 22   | 11     | 7      | 0.3       | 3.3     | 1.07  | 89.1      | 21.5583 | 20.2893 |
| 2009 | 6     | 18  | 22   | 21     | 7      | 0.3       | 3.3     | 1.05  | 86.8      | 21.5583 | 19.9745 |
| 2009 | 6     | 18  | 22   | 31     | 7      | 0.3       | 3.3     | 1.05  | 84.8      | 21.5583 | 19.9115 |
| 2009 | 6     | 18  | 22   | 41     | 7      | 0.3       | 3.3     | 1.08  | 88.6      | 21.5583 | 20.5411 |
| 2009 | 6     | 18  | 22   | 51     | 7      | 0.3       | 3.3     | 1.11  | 88        | 21.5583 | 21.1079 |
| 2009 | 6     | 18  | 23   | 1      | 7      | 0.3       | 3.3     | 1.05  | 86.2      | 21.5583 | 19.7856 |
| 2009 | 6     | 18  | 23   | 11     | 7      | 0.3       | 3.3     | 1.1   | 87.1      | 21.5583 | 20.793  |
| 2009 | 6     | 18  | 23   | 21     | 7      | 0.3       | 3.3     | 1.1   | 89.3      | 21.5583 | 20.856  |
| 2009 | 6     | 18  | 23   | 31     | 7      | 0.3       | 3.3     | 1.07  | 88.6      | 21.5583 | 20.2263 |
| 2009 | 6     | 18  | 23   | 41     | 7      | 0.3       | 3.3     | 1.04  | 88.6      | 21.5583 | 19.7227 |
| 2009 | 6     | 18  | 23   | 51     | 7      | 0.3       | 3.3     | 1.09  | 84.3      | 21.5583 | 20.6671 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 19  | 0    | 1      | 7      | 0.3       | 3.3     | 1.09  | 86.4      | 21.5583 | 20.73   |
| 2009 | 6     | 19  | 0    | 11     | 7      | 0.3       | 3.3     | 1.05  | 85.4      | 21.5583 | 19.9115 |
| 2009 | 6     | 19  | 0    | 21     | 7      | 0.3       | 3.3     | 1.09  | 86.4      | 21.5583 | 20.6041 |
| 2009 | 6     | 19  | 0    | 31     | 7      | 0.3       | 3.3     | 1.07  | 87.4      | 21.5583 | 20.2893 |
| 2009 | 6     | 19  | 0    | 41     | 7      | 0.3       | 3.3     | 1.05  | 86.1      | 21.5583 | 19.9115 |
| 2009 | 6     | 19  | 0    | 51     | 7      | 0.3       | 3.3     | 1.12  | 87.3      | 21.5583 | 21.2969 |
| 2009 | 6     | 19  | 1    | 1      | 7      | 0.3       | 3.3     | 1.08  | 86.2      | 21.5583 | 20.4782 |
| 2009 | 6     | 19  | 1    | 11     | 7      | 0.3       | 3.3     | 1.06  | 84.7      | 21.5583 | 20.0374 |
| 2009 | 6     | 19  | 1    | 21     | 7      | 0.3       | 3.3     | 1.08  | 85.3      | 21.5583 | 20.4152 |
| 2009 | 6     | 19  | 1    | 31     | 7      | 0.3       | 3.3     | 1.06  | 88.9      | 21.5583 | 20.1004 |
| 2009 | 6     | 19  | 1    | 41     | 7      | 0.3       | 3.3     | 1.07  | 85.1      | 21.5583 | 20.2263 |
| 2009 | 6     | 19  | 1    | 51     | 7      | 0.3       | 3.3     | 1.05  | 85.9      | 21.5583 | 19.9115 |
| 2009 | 6     | 19  | 2    | 1      | 7      | 0.3       | 3.3     | 1.07  | 87        | 21.5583 | 20.2263 |
| 2009 | 6     | 19  | 2    | 11     | 7      | 0.3       | 3.3     | 1.11  | 86.6      | 21.5583 | 21.045  |
| 2009 | 6     | 19  | 2    | 21     | 7      | 0.3       | 3.3     | 1.09  | 86.2      | 21.5583 | 20.5411 |
| 2009 | 6     | 19  | 2    | 31     | 7      | 0.3       | 3.3     | 1.08  | 85.3      | 21.5583 | 20.4782 |
| 2009 | 6     | 19  | 2    | 41     | 7      | 0.3       | 3.3     | 1.07  | 87.4      | 21.5583 | 20.2263 |
| 2009 | 6     | 19  | 2    | 51     | 7      | 0.3       | 3.3     | 1.08  | 84.8      | 21.5583 | 20.4152 |
| 2009 | 6     | 19  | 3    | 1      | 7      | 0.3       | 3.3     | 1.09  | 86.7      | 21.5583 | 20.73   |
| 2009 | 6     | 19  | 3    | 11     | 7      | 0.3       | 3.3     | 1.07  | 83.6      | 21.5583 | 20.1004 |
| 2009 | 6     | 19  | 3    | 21     | 7      | 0.3       | 3.3     | 1.07  | 85.4      | 21.5583 | 20.2263 |
| 2009 | 6     | 19  | 3    | 31     | 7      | 0.3       | 3.3     | 1.08  | 86.9      | 21.5583 | 20.5411 |
| 2009 | 6     | 19  | 3    | 41     | 7      | 0.3       | 3.3     | 1.1   | 87.3      | 21.5583 | 20.919  |
| 2009 | 6     | 19  | 3    | 51     | 7      | 0.3       | 3.3     | 1.08  | 86.7      | 21.5812 | 20.4372 |
| 2009 | 6     | 19  | 4    | 1      | 7      | 0.3       | 3.3     | 1.09  | 87.1      | 21.5812 | 20.6893 |
| 2009 | 6     | 19  | 4    | 11     | 7      | 0.3       | 3.3     | 1.11  | 88.6      | 21.5583 | 21.045  |
| 2009 | 6     | 19  | 4    | 21     | 7      | 0.3       | 3.3     | 1.07  | 86.1      | 21.5583 | 20.2893 |
| 2009 | 6     | 19  | 4    | 31     | 7      | 0.3       | 3.3     | 1.1   | 87.1      | 21.5583 | 20.856  |
| 2009 | 6     | 19  | 4    | 41     | 7      | 0.3       | 3.3     | 1.06  | 84        | 21.5583 | 19.9745 |
| 2009 | 6     | 19  | 4    | 51     | 7      | 0.3       | 3.3     | 1.05  | 87.7      | 21.5812 | 19.996  |
| 2009 | 6     | 19  | 5    | 1      | 7      | 0.3       | 3.3     | 1.09  | 88.3      | 21.5583 | 20.73   |
| 2009 | 6     | 19  | 5    | 11     | 7      | 0.3       | 3.3     | 1.08  | 89.3      | 21.5812 | 20.4372 |
| 2009 | 6     | 19  | 5    | 21     | 7      | 0.3       | 3.3     | 1.08  | 85.5      | 21.5583 | 20.3522 |
| 2009 | 6     | 19  | 5    | 31     | 7      | 0.3       | 3.3     | 1.06  | 87.2      | 21.5583 | 20.0374 |
| 2009 | 6     | 19  | 5    | 41     | 7      | 0.3       | 3.3     | 1.06  | 86.1      | 21.5583 | 20.1004 |
| 2009 | 6     | 19  | 5    | 51     | 7      | 0.3       | 3.3     | 1.1   | 85.6      | 21.5583 | 20.856  |
| 2009 | 6     | 19  | 6    | 1      | 7      | 0.3       | 3.3     | 1.08  | 84.1      | 21.5812 | 20.3742 |
| 2009 | 6     | 19  | 6    | 11     | 7      | 0.3       | 3.3     | 1.06  | 87.5      | 21.5812 | 20.1851 |
| 2009 | 6     | 19  | 6    | 21     | 7      | 0.3       | 3.3     | 1.06  | 85.5      | 21.5812 | 19.996  |
| 2009 | 6     | 19  | 6    | 31     | 7      | 0.3       | 3.3     | 1.06  | 85.4      | 21.5812 | 20.1221 |
| 2009 | 6     | 19  | 6    | 41     | 7      | 0.3       | 3.3     | 1.08  | 85.5      | 21.5812 | 20.5002 |
| 2009 | 6     | 19  | 6    | 51     | 7      | 0.3       | 3.3     | 1.06  | 86.5      | 21.5812 | 20.1221 |
| 2009 | 6     | 19  | 7    | 1      | 7      | 0.3       | 3.3     | 1.09  | 85        | 21.5812 | 20.6893 |
| 2009 | 6     | 19  | 7    | 11     | 7      | 0.3       | 3.3     | 1.08  | 87.7      | 21.5812 | 20.5002 |
| 2009 | 6     | 19  | 7    | 21     | 7      | 0.3       | 3.3     | 1.1   | 88.1      | 21.5812 | 20.8785 |
| 2009 | 6     | 19  | 7    | 31     | 7      | 0.3       | 3.3     | 1.07  | 88.4      | 21.5812 | 20.3111 |
| 2009 | 6     | 19  | 7    | 41     | 7      | 0.3       | 3.3     | 1.08  | 87.7      | 21.5812 | 20.4372 |
| 2009 | 6     | 19  | 7    | 51     | 7      | 0.3       | 3.3     | 1.1   | 86.6      | 21.6041 | 20.9641 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 19  | 8    | 1      | 7      | 0.3       | 3.3     | 1.06  | 86.4      | 21.6041 | 20.0175 |
| 2009 | 6     | 19  | 8    | 11     | 7      | 0.3       | 3.3     | 1.09  | 87.1      | 21.5812 | 20.6263 |
| 2009 | 6     | 19  | 8    | 21     | 7      | 0.3       | 3.3     | 1.08  | 86.7      | 21.5812 | 20.5002 |
| 2009 | 6     | 19  | 8    | 31     | 7      | 0.3       | 3.3     | 1.07  | 86        | 21.5812 | 20.3111 |
| 2009 | 6     | 19  | 8    | 41     | 7      | 0.3       | 3.3     | 1.03  | 88.7      | 21.5812 | 19.6179 |
| 2009 | 6     | 19  | 8    | 51     | 7      | 0.3       | 3.3     | 1.07  | 88.6      | 21.6041 | 20.3961 |
| 2009 | 6     | 19  | 9    | 1      | 7      | 0.3       | 3.3     | 1.08  | 87        | 21.6041 | 20.5223 |
| 2009 | 6     | 19  | 9    | 11     | 7      | 0.3       | 3.3     | 1.08  | 86.2      | 21.6041 | 20.5223 |
| 2009 | 6     | 19  | 9    | 21     | 7      | 0.3       | 3.3     | 1.12  | 86.3      | 21.5812 | 21.3199 |
| 2009 | 6     | 19  | 9    | 31     | 7      | 0.3       | 3.3     | 1.09  | 87.1      | 21.5812 | 20.7524 |
| 2009 | 6     | 19  | 9    | 41     | 7      | 0.3       | 3.3     | 1.11  | 88.3      | 21.5812 | 21.0676 |
| 2009 | 6     | 19  | 9    | 51     | 7      | 0.3       | 3.3     | 1.13  | 88        | 21.5812 | 21.446  |
| 2009 | 6     | 19  | 10   | 1      | 7      | 0.3       | 3.3     | 1.13  | 90.3      | 21.5812 | 21.383  |
| 2009 | 6     | 19  | 10   | 11     | 7      | 0.3       | 3.3     | 1.1   | 89.5      | 21.5812 | 20.8154 |
| 2009 | 6     | 19  | 10   | 21     | 7      | 0.3       | 3.3     | 1.09  | 89.1      | 21.5812 | 20.7524 |
| 2009 | 6     | 19  | 10   | 31     | 7      | 0.3       | 3.3     | 1.14  | 87.9      | 21.5812 | 21.6983 |
| 2009 | 6     | 19  | 10   | 41     | 7      | 0.3       | 3.3     | 1.15  | 88        | 21.5812 | 21.8245 |
| 2009 | 6     | 19  | 10   | 51     | 7      | 0.3       | 3.3     | 1.08  | 87.4      | 21.5812 | 20.5002 |
| 2009 | 6     | 19  | 11   | 1      | 7      | 0.3       | 3.3     | 1.09  | 88.1      | 21.5812 | 20.7524 |
| 2009 | 6     | 19  | 11   | 11     | 7      | 0.3       | 3.3     | 1.12  | 90        | 21.5812 | 21.2568 |
| 2009 | 6     | 19  | 11   | 21     | 7      | 0.3       | 3.3     | 1.09  | 91.5      | 21.5812 | 20.7524 |
| 2009 | 6     | 19  | 11   | 31     | 7      | 0.3       | 3.3     | 1.09  | 89.5      | 21.6041 | 20.6485 |
| 2009 | 6     | 19  | 11   | 41     | 7      | 0.3       | 3.3     | 1.05  | 87.5      | 21.6041 | 20.0175 |
| 2009 | 6     | 19  | 11   | 51     | 7      | 0.3       | 3.3     | 1.11  | 88.1      | 21.5812 | 21.0676 |
| 2009 | 6     | 19  | 12   | 1      | 7      | 0.3       | 3.3     | 1.11  | 88        | 21.6041 | 21.1535 |
| 2009 | 6     | 19  | 12   | 11     | 7      | 0.3       | 3.3     | 1.1   | 87.8      | 21.5812 | 20.8785 |
| 2009 | 6     | 19  | 12   | 21     | 7      | 0.3       | 3.3     | 1.09  | 88.3      | 21.5812 | 20.6893 |
| 2009 | 6     | 19  | 12   | 31     | 7      | 0.3       | 3.3     | 1.06  | 87.7      | 21.5812 | 20.059  |
| 2009 | 6     | 19  | 12   | 41     | 7      | 0.3       | 3.3     | 1.1   | 86.8      | 21.5812 | 20.8785 |
| 2009 | 6     | 19  | 12   | 51     | 7      | 0.3       | 3.3     | 1.07  | 88.6      | 21.5812 | 20.3742 |
| 2009 | 6     | 19  | 13   | 1      | 7      | 0.3       | 3.3     | 1.11  | 87.6      | 21.5812 | 21.0046 |
| 2009 | 6     | 19  | 13   | 11     | 7      | 0.3       | 3.3     | 1.1   | 86.9      | 21.5812 | 20.8154 |
| 2009 | 6     | 19  | 13   | 21     | 7      | 0.3       | 3.3     | 1.08  | 84.6      | 21.5812 | 20.4372 |
| 2009 | 6     | 19  | 13   | 31     | 7      | 0.3       | 3.3     | 1.07  | 85.3      | 21.5583 | 20.2893 |
| 2009 | 6     | 19  | 13   | 41     | 7      | 0.3       | 3.3     | 1.07  | 88.1      | 21.5812 | 20.2481 |
| 2009 | 6     | 19  | 13   | 51     | 7      | 0.3       | 3.3     | 1.11  | 85.6      | 21.5812 | 21.0046 |
| 2009 | 6     | 19  | 14   | 1      | 7      | 0.3       | 3.3     | 1.12  | 88.7      | 21.5583 | 21.2969 |
| 2009 | 6     | 19  | 14   | 11     | 7      | 0.3       | 3.3     | 1.09  | 87.1      | 21.5583 | 20.6671 |
| 2009 | 6     | 19  | 14   | 21     | 7      | 0.3       | 3.3     | 1.1   | 87.1      | 21.5583 | 20.793  |
| 2009 | 6     | 19  | 14   | 31     | 7      | 0.3       | 3.3     | 1.1   | 86.1      | 21.5583 | 20.793  |
| 2009 | 6     | 19  | 14   | 41     | 7      | 0.3       | 3.3     | 1.1   | 83.8      | 21.5583 | 20.6671 |
| 2009 | 6     | 19  | 14   | 51     | 7      | 0.3       | 3.3     | 1.09  | 90.7      | 21.5126 | 20.5597 |
| 2009 | 6     | 19  | 15   | 1      | 7      | 0.3       | 3.3     | 1.06  | 86.8      | 21.5355 | 20.0787 |
| 2009 | 6     | 19  | 15   | 11     | 7      | 0.3       | 3.3     | 1.09  | 87.1      | 21.5355 | 20.6448 |
| 2009 | 6     | 19  | 15   | 21     | 7      | 0.3       | 3.3     | 1.12  | 84.8      | 21.5583 | 21.1079 |
| 2009 | 6     | 19  | 15   | 31     | 7      | 0.3       | 3.3     | 1.05  | 84.4      | 21.5812 | 19.87   |
| 2009 | 6     | 19  | 15   | 41     | 7      | 0.3       | 3.3     | 1.08  | 86.5      | 21.5126 | 20.434  |
| 2009 | 6     | 19  | 15   | 51     | 7      | 0.3       | 3.3     | 1.1   | 82.5      | 21.5126 | 20.6225 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 19  | 16   | 1      | 7      | 0.3       | 3.3     | 1.07  | 87.2      | 21.5126 | 20.3083 |
| 2009 | 6     | 19  | 16   | 11     | 7      | 0.3       | 3.3     | 1.09  | 88.8      | 21.5355 | 20.7077 |
| 2009 | 6     | 19  | 16   | 21     | 7      | 0.3       | 3.3     | 1.08  | 86.2      | 21.5355 | 20.3932 |
| 2009 | 6     | 19  | 16   | 31     | 7      | 0.3       | 3.3     | 1.09  | 83.8      | 21.5126 | 20.4968 |
| 2009 | 6     | 19  | 16   | 41     | 7      | 0.3       | 3.3     | 1.07  | 85.1      | 21.4897 | 20.0981 |
| 2009 | 6     | 19  | 16   | 51     | 7      | 0.3       | 3.3     | 1.05  | 83.9      | 21.5126 | 19.8058 |
| 2009 | 6     | 19  | 17   | 1      | 7      | 0.3       | 3.3     | 1.08  | 86        | 21.4897 | 20.3492 |
| 2009 | 6     | 19  | 17   | 11     | 7      | 0.3       | 3.3     | 1.05  | 85.1      | 21.5126 | 19.743  |
| 2009 | 6     | 19  | 17   | 21     | 7      | 0.3       | 3.3     | 1.07  | 84.7      | 21.4669 | 20.2018 |
| 2009 | 6     | 19  | 17   | 31     | 7      | 0.3       | 3.3     | 1.05  | 86.2      | 21.4897 | 19.7844 |
| 2009 | 6     | 19  | 17   | 41     | 7      | 0.3       | 3.3     | 1.08  | 87.1      | 21.4897 | 20.4747 |
| 2009 | 6     | 19  | 17   | 51     | 7      | 0.3       | 3.3     | 1.01  | 84.8      | 21.4897 | 18.9689 |
| 2009 | 6     | 19  | 18   | 1      | 7      | 0.3       | 3.3     | 1.1   | 85.9      | 21.444  | 20.6183 |
| 2009 | 6     | 19  | 18   | 11     | 7      | 0.3       | 3.3     | 1.04  | 86.7      | 21.4669 | 19.575  |
| 2009 | 6     | 19  | 18   | 21     | 7      | 0.3       | 3.3     | 1.05  | 85.5      | 21.444  | 19.679  |
| 2009 | 6     | 19  | 18   | 31     | 7      | 0.3       | 3.3     | 1.04  | 84.4      | 21.4669 | 19.4496 |
| 2009 | 6     | 19  | 18   | 41     | 7      | 0.3       | 3.3     | 1.04  | 85.6      | 21.444  | 19.4912 |
| 2009 | 6     | 19  | 18   | 51     | 7      | 0.3       | 3.3     | 1.04  | 83.7      | 21.4211 | 19.5326 |
| 2009 | 6     | 19  | 19   | 1      | 7      | 0.3       | 3.3     | 1.05  | 86.9      | 21.444  | 19.7416 |
| 2009 | 6     | 19  | 19   | 11     | 7      | 0.3       | 3.3     | 1.05  | 85.9      | 21.4211 | 19.6576 |
| 2009 | 6     | 19  | 19   | 21     | 7      | 0.3       | 3.3     | 1     | 83.8      | 21.3983 | 18.762  |
| 2009 | 6     | 19  | 19   | 31     | 7      | 0.3       | 3.3     | 1.08  | 83.9      | 21.3983 | 20.1986 |
| 2009 | 6     | 19  | 19   | 41     | 7      | 0.3       | 3.3     | 1.03  | 85.1      | 21.4211 | 19.4075 |
| 2009 | 6     | 19  | 19   | 51     | 7      | 0.3       | 3.3     | 1.06  | 85.9      | 21.3983 | 19.8237 |
| 2009 | 6     | 19  | 20   | 1      | 7      | 0.3       | 3.3     | 1.06  | 85.9      | 21.3983 | 19.8237 |
| 2009 | 6     | 19  | 20   | 11     | 7      | 0.3       | 3.3     | 1.05  | 86        | 21.3983 | 19.6363 |
| 2009 | 6     | 19  | 20   | 21     | 7      | 0.3       | 3.3     | 1.07  | 87.4      | 21.3983 | 20.1361 |
| 2009 | 6     | 19  | 20   | 31     | 7      | 0.3       | 3.3     | 1.07  | 87        | 21.4211 | 20.0955 |
| 2009 | 6     | 19  | 20   | 41     | 7      | 0.3       | 3.3     | 1.02  | 82.4      | 21.4211 | 19.0949 |
| 2009 | 6     | 19  | 20   | 51     | 7      | 0.3       | 3.3     | 1.08  | 86.2      | 21.4211 | 20.2206 |
| 2009 | 6     | 19  | 21   | 1      | 7      | 0.3       | 3.3     | 1.02  | 83.4      | 21.4211 | 19.0949 |
| 2009 | 6     | 19  | 21   | 11     | 7      | 0.3       | 3.3     | 1.07  | 87        | 21.3983 | 20.1986 |
| 2009 | 6     | 19  | 21   | 21     | 7      | 0.3       | 3.3     | 1.08  | 88.1      | 21.4211 | 20.4083 |
| 2009 | 6     | 19  | 21   | 31     | 7      | 0.3       | 3.3     | 1.04  | 85.3      | 21.4211 | 19.47   |
| 2009 | 6     | 19  | 21   | 41     | 7      | 0.3       | 3.3     | 1.03  | 86.4      | 21.4211 | 19.4075 |
| 2009 | 6     | 19  | 21   | 51     | 7      | 0.3       | 3.3     | 1.04  | 86.6      | 21.4211 | 19.5951 |
| 2009 | 6     | 19  | 22   | 1      | 7      | 0.3       | 3.3     | 1.04  | 84.7      | 21.4211 | 19.47   |
| 2009 | 6     | 19  | 22   | 11     | 7      | 0.3       | 3.3     | 1.04  | 86.9      | 21.4211 | 19.6576 |
| 2009 | 6     | 19  | 22   | 21     | 7      | 0.3       | 3.3     | 1.08  | 85.3      | 21.4211 | 20.2206 |
| 2009 | 6     | 19  | 22   | 31     | 7      | 0.3       | 3.3     | 1.05  | 87.3      | 21.4211 | 19.8453 |
| 2009 | 6     | 19  | 22   | 41     | 7      | 0.3       | 3.3     | 1     | 87.4      | 21.4211 | 18.7824 |
| 2009 | 6     | 19  | 22   | 51     | 7      | 0.3       | 3.3     | 1.05  | 87.7      | 21.4211 | 19.8453 |
| 2009 | 6     | 19  | 23   | 1      | 7      | 0.3       | 3.3     | 1.06  | 85.8      | 21.4211 | 19.9704 |
| 2009 | 6     | 19  | 23   | 11     | 7      | 0.3       | 3.3     | 1.04  | 86.4      | 21.4211 | 19.5326 |
| 2009 | 6     | 19  | 23   | 21     | 7      | 0.3       | 3.3     | 1.07  | 85.4      | 21.4211 | 20.0955 |
| 2009 | 6     | 19  | 23   | 31     | 7      | 0.3       | 3.3     | 1.02  | 84.1      | 21.4211 | 19.0949 |
| 2009 | 6     | 19  | 23   | 41     | 7      | 0.3       | 3.3     | 1.03  | 86.3      | 21.4211 | 19.345  |
| 2009 | 6     | 19  | 23   | 51     | 7      | 0.3       | 3.3     | 1.04  | 84.4      | 21.4211 | 19.5326 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 20  | 0    | 1      | 7      | 0.3       | 3.3     | 1.03  | 84.5      | 21.444  | 19.4286 |
| 2009 | 6     | 20  | 0    | 11     | 7      | 0.3       | 3.3     | 1.07  | 88.6      | 21.4211 | 20.158  |
| 2009 | 6     | 20  | 0    | 21     | 7      | 0.3       | 3.3     | 1.07  | 86.3      | 21.444  | 20.1799 |
| 2009 | 6     | 20  | 0    | 31     | 7      | 0.3       | 3.3     | 1.09  | 83.9      | 21.4211 | 20.3457 |
| 2009 | 6     | 20  | 0    | 41     | 7      | 0.3       | 3.3     | 1.1   | 87.6      | 21.4211 | 20.7211 |
| 2009 | 6     | 20  | 0    | 51     | 7      | 0.3       | 3.3     | 1.01  | 85.9      | 21.444  | 19.053  |
| 2009 | 6     | 20  | 1    | 1      | 7      | 0.3       | 3.3     | 1.07  | 86.5      | 21.444  | 20.1799 |
| 2009 | 6     | 20  | 1    | 11     | 7      | 0.3       | 3.3     | 1.03  | 87.6      | 21.444  | 19.366  |
| 2009 | 6     | 20  | 1    | 21     | 7      | 0.3       | 3.3     | 1.15  | 86.6      | 21.4211 | 21.5973 |
| 2009 | 6     | 20  | 1    | 31     | 7      | 0.3       | 3.3     | 1.06  | 86.6      | 21.444  | 19.9294 |
| 2009 | 6     | 20  | 1    | 41     | 7      | 0.3       | 3.3     | 1.05  | 86.4      | 21.444  | 19.679  |
| 2009 | 6     | 20  | 1    | 51     | 7      | 0.3       | 3.3     | 1.08  | 86.5      | 21.4669 | 20.3898 |
| 2009 | 6     | 20  | 2    | 1      | 7      | 0.3       | 3.3     | 1.06  | 86.8      | 21.4669 | 20.0764 |
| 2009 | 6     | 20  | 2    | 11     | 7      | 0.3       | 3.3     | 1.03  | 88.4      | 21.4669 | 19.5123 |
| 2009 | 6     | 20  | 2    | 21     | 7      | 0.3       | 3.3     | 1.05  | 85.4      | 21.444  | 19.8042 |
| 2009 | 6     | 20  | 2    | 31     | 7      | 0.3       | 3.3     | 1.01  | 85.5      | 21.444  | 19.053  |
| 2009 | 6     | 20  | 2    | 41     | 7      | 0.3       | 3.3     | 1.1   | 89        | 21.444  | 20.8062 |
| 2009 | 6     | 20  | 2    | 51     | 7      | 0.3       | 3.3     | 1.06  | 83.3      | 21.444  | 19.9294 |
| 2009 | 6     | 20  | 3    | 1      | 7      | 0.3       | 3.3     | 1.07  | 87.9      | 21.444  | 20.1799 |
| 2009 | 6     | 20  | 3    | 11     | 7      | 0.3       | 3.3     | 1.07  | 87        | 21.444  | 20.2425 |
| 2009 | 6     | 20  | 3    | 21     | 7      | 0.3       | 3.3     | 1.05  | 84.8      | 21.4669 | 19.7003 |
| 2009 | 6     | 20  | 3    | 31     | 7      | 0.3       | 3.3     | 1.1   | 85.9      | 21.4669 | 20.7034 |
| 2009 | 6     | 20  | 3    | 41     | 7      | 0.3       | 3.3     | 1.05  | 86.1      | 21.4669 | 19.8257 |
| 2009 | 6     | 20  | 3    | 51     | 7      | 0.3       | 3.3     | 1.1   | 86.2      | 21.4669 | 20.7034 |
| 2009 | 6     | 20  | 4    | 1      | 7      | 0.3       | 3.3     | 1.01  | 84.6      | 21.4669 | 18.9484 |
| 2009 | 6     | 20  | 4    | 11     | 7      | 0.3       | 3.3     | 1.03  | 87.8      | 21.4669 | 19.5123 |
| 2009 | 6     | 20  | 4    | 21     | 7      | 0.3       | 3.3     | 1.1   | 86.9      | 21.4669 | 20.7661 |
| 2009 | 6     | 20  | 4    | 31     | 7      | 0.3       | 3.3     | 1.09  | 84.8      | 21.4669 | 20.4525 |
| 2009 | 6     | 20  | 4    | 41     | 7      | 0.3       | 3.3     | 1.06  | 85.4      | 21.4669 | 20.0137 |
| 2009 | 6     | 20  | 4    | 51     | 7      | 0.3       | 3.3     | 1.1   | 88.1      | 21.4669 | 20.7034 |
| 2009 | 6     | 20  | 5    | 1      | 7      | 0.3       | 3.3     | 1.08  | 86.9      | 21.4669 | 20.3898 |
| 2009 | 6     | 20  | 5    | 11     | 7      | 0.3       | 3.3     | 1.05  | 85.7      | 21.4897 | 19.7844 |
| 2009 | 6     | 20  | 5    | 21     | 7      | 0.3       | 3.3     | 1.05  | 84.2      | 21.4897 | 19.6589 |
| 2009 | 6     | 20  | 5    | 31     | 7      | 0.3       | 3.3     | 1.09  | 87.2      | 21.4897 | 20.663  |
| 2009 | 6     | 20  | 5    | 41     | 7      | 0.3       | 3.3     | 1.06  | 84.7      | 21.4897 | 20.0354 |
| 2009 | 6     | 20  | 5    | 51     | 7      | 0.3       | 3.3     | 1.03  | 85.3      | 21.4897 | 19.408  |
| 2009 | 6     | 20  | 6    | 1      | 7      | 0.3       | 3.3     | 1.06  | 86.3      | 21.4897 | 20.0354 |
| 2009 | 6     | 20  | 6    | 11     | 7      | 0.3       | 3.3     | 1.07  | 88.8      | 21.4897 | 20.1609 |
| 2009 | 6     | 20  | 6    | 21     | 7      | 0.3       | 3.3     | 1.05  | 85.1      | 21.4897 | 19.7216 |
| 2009 | 6     | 20  | 6    | 31     | 7      | 0.3       | 3.3     | 1.07  | 87.5      | 21.4897 | 20.2236 |
| 2009 | 6     | 20  | 6    | 41     | 7      | 0.3       | 3.3     | 1.05  | 87        | 21.4897 | 19.8471 |
| 2009 | 6     | 20  | 6    | 51     | 7      | 0.3       | 3.3     | 1.1   | 89.3      | 21.4897 | 20.8513 |
| 2009 | 6     | 20  | 7    | 1      | 7      | 0.3       | 3.3     | 1.05  | 87.1      | 21.4897 | 19.9099 |
| 2009 | 6     | 20  | 7    | 11     | 7      | 0.3       | 3.3     | 1.05  | 86        | 21.4897 | 19.7216 |
| 2009 | 6     | 20  | 7    | 21     | 7      | 0.3       | 3.3     | 1.08  | 87.4      | 21.4897 | 20.4747 |
| 2009 | 6     | 20  | 7    | 31     | 7      | 0.3       | 3.3     | 1.05  | 87.7      | 21.4897 | 19.7844 |
| 2009 | 6     | 20  | 7    | 41     | 7      | 0.3       | 3.3     | 1.1   | 86.1      | 21.4897 | 20.7886 |
| 2009 | 6     | 20  | 7    | 51     | 7      | 0.3       | 3.3     | 1.05  | 87.1      | 21.4897 | 19.9099 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 20  | 8    | 1      | 7      | 0.3       | 3.3     | 1.03  | 85.3      | 21.4897 | 19.4707 |
| 2009 | 6     | 20  | 8    | 11     | 7      | 0.3       | 3.3     | 1.06  | 87.5      | 21.4897 | 19.9726 |
| 2009 | 6     | 20  | 8    | 21     | 7      | 0.3       | 3.3     | 1.08  | 87.1      | 21.4897 | 20.4747 |
| 2009 | 6     | 20  | 8    | 31     | 7      | 0.3       | 3.3     | 1.08  | 87.9      | 21.4897 | 20.4747 |
| 2009 | 6     | 20  | 8    | 41     | 7      | 0.3       | 3.3     | 1.06  | 84.3      | 21.4897 | 19.9099 |
| 2009 | 6     | 20  | 8    | 51     | 7      | 0.3       | 3.3     | 1.09  | 86.2      | 21.4897 | 20.5375 |
| 2009 | 6     | 20  | 9    | 1      | 7      | 0.3       | 3.3     | 1.07  | 88.4      | 21.4897 | 20.2236 |
| 2009 | 6     | 20  | 9    | 11     | 7      | 0.3       | 3.3     | 1.11  | 88.6      | 21.4897 | 21.0397 |
| 2009 | 6     | 20  | 9    | 21     | 7      | 0.3       | 3.3     | 1.06  | 84.8      | 21.4897 | 19.9099 |
| 2009 | 6     | 20  | 9    | 31     | 7      | 0.3       | 3.3     | 1.08  | 87.7      | 21.4669 | 20.3272 |
| 2009 | 6     | 20  | 9    | 41     | 7      | 0.3       | 3.3     | 1.06  | 88.9      | 21.4897 | 20.0981 |
| 2009 | 6     | 20  | 9    | 51     | 7      | 0.3       | 3.3     | 1.04  | 87.5      | 21.4897 | 19.5962 |
| 2009 | 6     | 20  | 10   | 1      | 7      | 0.3       | 3.3     | 1.08  | 86        | 21.4897 | 20.2864 |
| 2009 | 6     | 20  | 10   | 11     | 7      | 0.3       | 3.3     | 1.1   | 89        | 21.4669 | 20.7034 |
| 2009 | 6     | 20  | 10   | 21     | 7      | 0.3       | 3.3     | 1.06  | 87.2      | 21.4669 | 20.0137 |
| 2009 | 6     | 20  | 10   | 31     | 7      | 0.3       | 3.3     | 1.11  | 87.6      | 21.444  | 20.9315 |
| 2009 | 6     | 20  | 10   | 41     | 7      | 0.3       | 3.3     | 1.07  | 88.1      | 21.444  | 20.1173 |
| 2009 | 6     | 20  | 10   | 51     | 7      | 0.3       | 3.3     | 1.1   | 90.5      | 21.444  | 20.6809 |
| 2009 | 6     | 20  | 11   | 1      | 7      | 0.3       | 3.3     | 1.05  | 86.8      | 21.444  | 19.7416 |
| 2009 | 6     | 20  | 11   | 11     | 7      | 0.3       | 3.3     | 1.03  | 85.4      | 21.4211 | 19.4075 |
| 2009 | 6     | 20  | 11   | 21     | 7      | 0.3       | 3.3     | 1.09  | 89.3      | 21.3983 | 20.5736 |
| 2009 | 6     | 20  | 11   | 31     | 7      | 0.3       | 3.3     | 1.06  | 85.8      | 21.3983 | 19.9487 |
| 2009 | 6     | 20  | 11   | 41     | 7      | 0.3       | 3.3     | 1.07  | 87.2      | 21.3983 | 20.1361 |
| 2009 | 6     | 20  | 11   | 51     | 7      | 0.3       | 3.3     | 1.06  | 88.2      | 21.3754 | 19.9894 |
| 2009 | 6     | 20  | 12   | 1      | 7      | 0.3       | 3.3     | 1.08  | 87.7      | 21.3754 | 20.3015 |
| 2009 | 6     | 20  | 12   | 11     | 7      | 0.3       | 3.3     | 1.08  | 87.7      | 21.3754 | 20.2391 |
| 2009 | 6     | 20  | 12   | 21     | 7      | 0.3       | 3.3     | 1.07  | 86.8      | 21.3754 | 20.1767 |
| 2009 | 6     | 20  | 12   | 31     | 7      | 0.3       | 3.3     | 1.07  | 88.1      | 21.3754 | 20.1767 |
| 2009 | 6     | 20  | 12   | 41     | 7      | 0.3       | 3.3     | 1.08  | 84.3      | 21.3754 | 20.3015 |
| 2009 | 6     | 20  | 12   | 51     | 7      | 0.3       | 3.3     | 1.06  | 88.6      | 21.3754 | 19.927  |
| 2009 | 6     | 20  | 13   | 1      | 7      | 0.3       | 3.3     | 1.06  | 89.5      | 21.3754 | 19.8646 |
| 2009 | 6     | 20  | 13   | 11     | 7      | 0.3       | 3.3     | 1.04  | 86.9      | 21.3525 | 19.469  |
| 2009 | 6     | 20  | 13   | 21     | 7      | 0.3       | 3.3     | 1.08  | 87.9      | 21.3525 | 20.2794 |
| 2009 | 6     | 20  | 13   | 31     | 7      | 0.3       | 3.3     | 1.1   | 88.1      | 21.3525 | 20.6536 |
| 2009 | 6     | 20  | 13   | 41     | 7      | 0.3       | 3.3     | 1.05  | 84.8      | 21.3754 | 19.7398 |
| 2009 | 6     | 20  | 13   | 51     | 7      | 0.3       | 3.3     | 1.06  | 86.1      | 21.3525 | 19.843  |
| 2009 | 6     | 20  | 14   | 1      | 7      | 0.3       | 3.3     | 1.12  | 88.3      | 21.3525 | 21.0279 |
| 2009 | 6     | 20  | 14   | 11     | 7      | 0.3       | 3.3     | 1.06  | 86.8      | 21.3525 | 19.9053 |
| 2009 | 6     | 20  | 14   | 21     | 7      | 0.3       | 3.3     | 1.06  | 88.8      | 21.3754 | 19.927  |
| 2009 | 6     | 20  | 14   | 31     | 7      | 0.3       | 3.3     | 1.06  | 87.5      | 21.3525 | 19.9677 |
| 2009 | 6     | 20  | 14   | 41     | 7      | 0.3       | 3.3     | 1.06  | 85.2      | 21.3525 | 19.843  |
| 2009 | 6     | 20  | 14   | 51     | 7      | 0.3       | 3.3     | 1.07  | 87.5      | 21.3525 | 20.1547 |
| 2009 | 6     | 20  | 15   | 1      | 7      | 0.3       | 3.3     | 1.07  | 90.5      | 21.3525 | 20.0924 |
| 2009 | 6     | 20  | 15   | 11     | 7      | 0.3       | 3.3     | 1.07  | 86        | 21.3525 | 20.0924 |
| 2009 | 6     | 20  | 15   | 21     | 7      | 0.3       | 3.3     | 1.06  | 88.1      | 21.3525 | 19.9677 |
| 2009 | 6     | 20  | 15   | 31     | 7      | 0.3       | 3.3     | 1.02  | 85.2      | 21.3525 | 19.1574 |
| 2009 | 6     | 20  | 15   | 41     | 7      | 0.3       | 3.3     | 1.1   | 85.5      | 21.3296 | 20.5688 |
| 2009 | 6     | 20  | 15   | 51     | 7      | 0.3       | 3.3     | 1.07  | 87.7      | 21.3525 | 20.03   |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 20  | 16   | 1      | 7      | 0.3       | 3.3     | 1.03  | 84.3      | 21.3525 | 19.2197 |
| 2009 | 6     | 20  | 16   | 11     | 7      | 0.3       | 3.3     | 1.1   | 85.7      | 21.3296 | 20.6311 |
| 2009 | 6     | 20  | 16   | 21     | 7      | 0.3       | 3.3     | 1.02  | 87.1      | 21.3296 | 19.1365 |
| 2009 | 6     | 20  | 16   | 31     | 7      | 0.3       | 3.3     | 1.03  | 84.9      | 21.3296 | 19.3233 |
| 2009 | 6     | 20  | 16   | 41     | 7      | 0.3       | 3.3     | 1.03  | 84        | 21.3296 | 19.261  |
| 2009 | 6     | 20  | 16   | 51     | 7      | 0.3       | 3.3     | 1.01  | 85        | 21.3296 | 18.9498 |
| 2009 | 6     | 20  | 17   | 1      | 7      | 0.3       | 3.3     | 1.07  | 84.4      | 21.3067 | 19.9864 |
| 2009 | 6     | 20  | 17   | 11     | 7      | 0.3       | 3.3     | 1.07  | 87.4      | 21.3067 | 19.9864 |
| 2009 | 6     | 20  | 17   | 21     | 7      | 0.3       | 3.3     | 1.08  | 86        | 21.3296 | 20.1951 |
| 2009 | 6     | 20  | 17   | 31     | 7      | 0.3       | 3.3     | 1.07  | 85.4      | 21.3067 | 19.9242 |
| 2009 | 6     | 20  | 17   | 41     | 7      | 0.3       | 3.3     | 1.06  | 87.2      | 21.3067 | 19.7998 |
| 2009 | 6     | 20  | 17   | 51     | 7      | 0.3       | 3.3     | 1.05  | 87        | 21.3067 | 19.6754 |
| 2009 | 6     | 20  | 18   | 1      | 7      | 0.3       | 3.3     | 1.08  | 85        | 21.3067 | 20.2353 |
| 2009 | 6     | 20  | 18   | 11     | 7      | 0.3       | 3.3     | 1.06  | 87.3      | 21.3067 | 19.862  |
| 2009 | 6     | 20  | 18   | 21     | 7      | 0.3       | 3.3     | 1.04  | 85.7      | 21.2838 | 19.4675 |
| 2009 | 6     | 20  | 18   | 31     | 7      | 0.3       | 3.3     | 1.04  | 85.3      | 21.2838 | 19.4675 |
| 2009 | 6     | 20  | 18   | 41     | 7      | 0.3       | 3.3     | 1.09  | 87.8      | 21.2838 | 20.3375 |
| 2009 | 6     | 20  | 18   | 51     | 7      | 0.3       | 3.3     | 1.07  | 87        | 21.2838 | 19.9646 |
| 2009 | 6     | 20  | 19   | 1      | 7      | 0.3       | 3.3     | 1.03  | 85.8      | 21.2838 | 19.1569 |
| 2009 | 6     | 20  | 19   | 11     | 7      | 0.3       | 3.3     | 1.03  | 88.4      | 21.2838 | 19.2811 |
| 2009 | 6     | 20  | 19   | 21     | 7      | 0.3       | 3.3     | 1.07  | 86.7      | 21.2838 | 19.9646 |
| 2009 | 6     | 20  | 19   | 31     | 7      | 0.3       | 3.3     | 1.04  | 85.7      | 21.2838 | 19.4675 |
| 2009 | 6     | 20  | 19   | 41     | 7      | 0.3       | 3.3     | 1.03  | 84.7      | 21.2838 | 19.1569 |
| 2009 | 6     | 20  | 19   | 51     | 7      | 0.3       | 3.3     | 1.03  | 86.9      | 21.261  | 19.198  |
| 2009 | 6     | 20  | 20   | 1      | 7      | 0.3       | 3.3     | 1.05  | 84.6      | 21.261  | 19.5083 |
| 2009 | 6     | 20  | 20   | 11     | 7      | 0.3       | 3.3     | 1.02  | 85.2      | 21.261  | 19.0119 |
| 2009 | 6     | 20  | 20   | 21     | 7      | 0.3       | 3.3     | 1.06  | 85.9      | 21.2381 | 19.6729 |
| 2009 | 6     | 20  | 20   | 31     | 7      | 0.3       | 3.3     | 1.04  | 87.3      | 21.261  | 19.5083 |
| 2009 | 6     | 20  | 20   | 41     | 7      | 0.3       | 3.3     | 1.05  | 88.6      | 21.261  | 19.6945 |
| 2009 | 6     | 20  | 20   | 51     | 7      | 0.3       | 3.3     | 1.07  | 85.8      | 21.2381 | 19.9209 |
| 2009 | 6     | 20  | 21   | 1      | 7      | 0.3       | 3.3     | 1.07  | 87.7      | 21.261  | 20.0048 |
| 2009 | 6     | 20  | 21   | 11     | 7      | 0.3       | 3.3     | 1.06  | 86.8      | 21.2381 | 19.7969 |
| 2009 | 6     | 20  | 21   | 21     | 7      | 0.3       | 3.3     | 1.05  | 86.6      | 21.2381 | 19.4869 |
| 2009 | 6     | 20  | 21   | 31     | 7      | 0.3       | 3.3     | 1.09  | 87.1      | 21.2381 | 20.293  |
| 2009 | 6     | 20  | 21   | 41     | 7      | 0.3       | 3.3     | 1.03  | 90        | 21.2381 | 19.239  |
| 2009 | 6     | 20  | 21   | 51     | 7      | 0.3       | 3.3     | 1.08  | 87.2      | 21.261  | 20.129  |
| 2009 | 6     | 20  | 22   | 1      | 7      | 0.3       | 3.3     | 1.05  | 89.3      | 21.261  | 19.5703 |
| 2009 | 6     | 20  | 22   | 11     | 7      | 0.3       | 3.3     | 1.05  | 85.5      | 21.2381 | 19.5489 |
| 2009 | 6     | 20  | 22   | 21     | 7      | 0.3       | 3.3     | 1.04  | 87.1      | 21.2381 | 19.4869 |
| 2009 | 6     | 20  | 22   | 31     | 7      | 0.3       | 3.3     | 1.06  | 84.3      | 21.2381 | 19.6729 |
| 2009 | 6     | 20  | 22   | 41     | 7      | 0.3       | 3.3     | 1.06  | 85.9      | 21.2381 | 19.6729 |
| 2009 | 6     | 20  | 22   | 51     | 7      | 0.3       | 3.3     | 1.06  | 85.5      | 21.2152 | 19.6514 |
| 2009 | 6     | 20  | 23   | 1      | 7      | 0.3       | 3.3     | 1.05  | 86.1      | 21.2381 | 19.5489 |
| 2009 | 6     | 20  | 23   | 11     | 7      | 0.3       | 3.3     | 1.05  | 86.8      | 21.2381 | 19.6109 |
| 2009 | 6     | 20  | 23   | 21     | 7      | 0.3       | 3.3     | 1.06  | 87.7      | 21.2381 | 19.8589 |
| 2009 | 6     | 20  | 23   | 31     | 7      | 0.3       | 3.3     | 1.01  | 85.2      | 21.2152 | 18.8464 |
| 2009 | 6     | 20  | 23   | 41     | 7      | 0.3       | 3.3     | 1.06  | 88.4      | 21.2381 | 19.7349 |
| 2009 | 6     | 20  | 23   | 51     | 7      | 0.3       | 3.3     | 1.04  | 86.4      | 21.2381 | 19.3629 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 21  | 0    | 1      | 7      | 0.3       | 3.3     | 1.05  | 85.3      | 21.2152 | 19.4656 |
| 2009 | 6     | 21  | 0    | 11     | 7      | 0.3       | 3.3     | 1.06  | 87.2      | 21.2152 | 19.7752 |
| 2009 | 6     | 21  | 0    | 21     | 7      | 0.3       | 3.3     | 1.06  | 87.9      | 21.2152 | 19.7133 |
| 2009 | 6     | 21  | 0    | 31     | 7      | 0.3       | 3.3     | 1.04  | 86.8      | 21.2381 | 19.4249 |
| 2009 | 6     | 21  | 0    | 41     | 7      | 0.3       | 3.3     | 1.04  | 86.9      | 21.2381 | 19.3629 |
| 2009 | 6     | 21  | 0    | 51     | 7      | 0.3       | 3.3     | 1.05  | 85.2      | 21.2152 | 19.5894 |
| 2009 | 6     | 21  | 1    | 1      | 7      | 0.3       | 3.3     | 1.04  | 87.3      | 21.2152 | 19.3417 |
| 2009 | 6     | 21  | 1    | 11     | 7      | 0.3       | 3.3     | 1.02  | 85        | 21.2152 | 18.9702 |
| 2009 | 6     | 21  | 1    | 21     | 7      | 0.3       | 3.3     | 1.04  | 85.3      | 21.2152 | 19.3417 |
| 2009 | 6     | 21  | 1    | 31     | 7      | 0.3       | 3.3     | 1.01  | 84.6      | 21.2152 | 18.8464 |
| 2009 | 6     | 21  | 1    | 41     | 7      | 0.3       | 3.3     | 1.04  | 87.3      | 21.2152 | 19.4037 |
| 2009 | 6     | 21  | 1    | 51     | 7      | 0.3       | 3.3     | 1.08  | 86.7      | 21.2152 | 20.0849 |
| 2009 | 6     | 21  | 2    | 1      | 7      | 0.3       | 3.3     | 1.02  | 86.1      | 21.2381 | 18.991  |
| 2009 | 6     | 21  | 2    | 11     | 7      | 0.3       | 3.3     | 1.02  | 85        | 21.2152 | 18.9702 |
| 2009 | 6     | 21  | 2    | 21     | 7      | 0.3       | 3.3     | 1.03  | 85.4      | 21.2152 | 19.2179 |
| 2009 | 6     | 21  | 2    | 31     | 7      | 0.3       | 3.3     | 1.06  | 88.4      | 21.2152 | 19.8372 |
| 2009 | 6     | 21  | 2    | 41     | 7      | 0.3       | 3.3     | 0.99  | 85.8      | 21.2152 | 18.4751 |
| 2009 | 6     | 21  | 2    | 51     | 7      | 0.3       | 3.3     | 1.08  | 86.2      | 21.2152 | 20.023  |
| 2009 | 6     | 21  | 3    | 1      | 7      | 0.3       | 3.3     | 1.02  | 87.4      | 21.2152 | 18.9702 |
| 2009 | 6     | 21  | 3    | 11     | 7      | 0.3       | 3.3     | 1.02  | 84.9      | 21.2152 | 19.0322 |
| 2009 | 6     | 21  | 3    | 21     | 7      | 0.3       | 3.3     | 0.98  | 86.5      | 21.2152 | 18.2275 |
| 2009 | 6     | 21  | 3    | 31     | 7      | 0.3       | 3.3     | 1.05  | 83.2      | 21.2152 | 19.4037 |
| 2009 | 6     | 21  | 3    | 41     | 7      | 0.3       | 3.3     | 1.09  | 88.6      | 21.2152 | 20.3947 |
| 2009 | 6     | 21  | 3    | 51     | 7      | 0.3       | 3.3     | 1.04  | 84.2      | 21.2152 | 19.3417 |
| 2009 | 6     | 21  | 4    | 1      | 7      | 0.3       | 3.3     | 1.03  | 82.5      | 21.2152 | 19.0941 |
| 2009 | 6     | 21  | 4    | 11     | 7      | 0.3       | 3.3     | 1.01  | 84.2      | 21.2152 | 18.7845 |
| 2009 | 6     | 21  | 4    | 21     | 7      | 0.3       | 3.3     | 1.04  | 86.6      | 21.2152 | 19.3417 |
| 2009 | 6     | 21  | 4    | 31     | 7      | 0.3       | 3.3     | 1.04  | 86.4      | 21.2152 | 19.4037 |
| 2009 | 6     | 21  | 4    | 41     | 7      | 0.3       | 3.3     | 1.07  | 86.5      | 21.2152 | 19.8991 |
| 2009 | 6     | 21  | 4    | 51     | 7      | 0.3       | 3.3     | 1.02  | 83.9      | 21.2152 | 18.9702 |
| 2009 | 6     | 21  | 5    | 1      | 7      | 0.3       | 3.3     | 1     | 84.7      | 21.2152 | 18.5988 |
| 2009 | 6     | 21  | 5    | 11     | 7      | 0.3       | 3.3     | 1.05  | 83.7      | 21.2152 | 19.5275 |
| 2009 | 6     | 21  | 5    | 21     | 7      | 0.3       | 3.3     | 1.04  | 85.3      | 21.2152 | 19.3417 |
| 2009 | 6     | 21  | 5    | 31     | 7      | 0.3       | 3.3     | 1.07  | 86.3      | 21.2152 | 19.8372 |
| 2009 | 6     | 21  | 5    | 41     | 7      | 0.3       | 3.3     | 1.04  | 85.8      | 21.2152 | 19.2798 |
| 2009 | 6     | 21  | 5    | 51     | 7      | 0.3       | 3.3     | 1.06  | 87        | 21.2152 | 19.8372 |
| 2009 | 6     | 21  | 6    | 1      | 7      | 0.3       | 3.3     | 1.03  | 85.4      | 21.2152 | 19.156  |
| 2009 | 6     | 21  | 6    | 11     | 7      | 0.3       | 3.3     | 1.01  | 88.1      | 21.1923 | 18.8258 |
| 2009 | 6     | 21  | 6    | 21     | 7      | 0.3       | 3.3     | 1.01  | 85.7      | 21.1923 | 18.8258 |
| 2009 | 6     | 21  | 6    | 31     | 7      | 0.3       | 3.3     | 1.01  | 86.3      | 21.1923 | 18.8258 |
| 2009 | 6     | 21  | 6    | 41     | 7      | 0.3       | 3.3     | 1.04  | 86.5      | 21.2152 | 19.2798 |
| 2009 | 6     | 21  | 6    | 51     | 7      | 0.3       | 3.3     | 1.05  | 87        | 21.2152 | 19.5894 |
| 2009 | 6     | 21  | 7    | 1      | 7      | 0.3       | 3.3     | 1.02  | 85        | 21.1923 | 19.0113 |
| 2009 | 6     | 21  | 7    | 11     | 7      | 0.3       | 3.3     | 1.06  | 88.2      | 21.1923 | 19.8154 |
| 2009 | 6     | 21  | 7    | 21     | 7      | 0.3       | 3.3     | 1.04  | 86        | 21.1923 | 19.2587 |
| 2009 | 6     | 21  | 7    | 31     | 7      | 0.3       | 3.3     | 1.05  | 86.4      | 21.1923 | 19.4442 |
| 2009 | 6     | 21  | 7    | 41     | 7      | 0.3       | 3.3     | 1.01  | 86.8      | 21.1923 | 18.8258 |
| 2009 | 6     | 21  | 7    | 51     | 7      | 0.3       | 3.3     | 1.03  | 84.7      | 21.1923 | 19.1968 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 21  | 8    | 1      | 7      | 0.3       | 3.3     | 1.05  | 86.2      | 21.1923 | 19.5061 |
| 2009 | 6     | 21  | 8    | 11     | 7      | 0.3       | 3.3     | 0.99  | 83.2      | 21.1923 | 18.393  |
| 2009 | 6     | 21  | 8    | 21     | 7      | 0.3       | 3.3     | 1.03  | 84.5      | 21.1923 | 19.0113 |
| 2009 | 6     | 21  | 8    | 31     | 7      | 0.3       | 3.3     | 1.02  | 87.2      | 21.1923 | 19.0113 |
| 2009 | 6     | 21  | 8    | 41     | 7      | 0.3       | 3.3     | 1.03  | 88.5      | 21.1923 | 19.2587 |
| 2009 | 6     | 21  | 8    | 51     | 7      | 0.3       | 3.3     | 1.03  | 86        | 21.1923 | 19.0731 |
| 2009 | 6     | 21  | 9    | 1      | 7      | 0.3       | 3.3     | 1.05  | 87.9      | 21.1923 | 19.6298 |
| 2009 | 6     | 21  | 9    | 11     | 7      | 0.3       | 3.3     | 1.1   | 86.9      | 21.1923 | 20.4342 |
| 2009 | 6     | 21  | 9    | 21     | 7      | 0.3       | 3.3     | 1.02  | 87.6      | 21.1923 | 19.0731 |
| 2009 | 6     | 21  | 9    | 31     | 7      | 0.3       | 3.3     | 1.03  | 86.9      | 21.1923 | 19.2587 |
| 2009 | 6     | 21  | 9    | 41     | 7      | 0.3       | 3.3     | 1.05  | 86.6      | 21.1923 | 19.5061 |
| 2009 | 6     | 21  | 9    | 51     | 7      | 0.3       | 3.3     | 1.03  | 87.6      | 21.1923 | 19.1968 |
| 2009 | 6     | 21  | 10   | 1      | 7      | 0.3       | 3.3     | 1.04  | 87.7      | 21.1694 | 19.3611 |
| 2009 | 6     | 21  | 10   | 11     | 7      | 0.3       | 3.3     | 1.04  | 87.1      | 21.1923 | 19.3824 |
| 2009 | 6     | 21  | 10   | 21     | 7      | 0.3       | 3.3     | 1.03  | 86.1      | 21.1923 | 19.0731 |
| 2009 | 6     | 21  | 10   | 31     | 7      | 0.3       | 3.3     | 1.04  | 88.2      | 21.1694 | 19.3611 |
| 2009 | 6     | 21  | 10   | 41     | 7      | 0.3       | 3.3     | 1.03  | 86.1      | 21.1694 | 19.0522 |
| 2009 | 6     | 21  | 10   | 51     | 7      | 0.3       | 3.3     | 1.03  | 86        | 21.1694 | 19.0522 |
| 2009 | 6     | 21  | 11   | 1      | 7      | 0.3       | 3.3     | 1.02  | 84.6      | 21.1694 | 18.8669 |
| 2009 | 6     | 21  | 11   | 11     | 7      | 0.3       | 3.3     | 1.04  | 86.9      | 21.1465 | 19.3398 |
| 2009 | 6     | 21  | 11   | 21     | 7      | 0.3       | 3.3     | 1.02  | 86.9      | 21.1236 | 18.8254 |
| 2009 | 6     | 21  | 11   | 31     | 7      | 0.3       | 3.3     | 1.03  | 87.8      | 21.1236 | 19.1952 |
| 2009 | 6     | 21  | 11   | 41     | 7      | 0.3       | 3.3     | 1.02  | 86.5      | 21.1236 | 18.9487 |
| 2009 | 6     | 21  | 11   | 51     | 7      | 0.3       | 3.3     | 1.08  | 86        | 21.1007 | 19.9748 |
| 2009 | 6     | 21  | 12   | 1      | 7      | 0.3       | 3.3     | 1.02  | 86.1      | 21.1236 | 18.9487 |
| 2009 | 6     | 21  | 12   | 11     | 7      | 0.3       | 3.3     | 1.03  | 85.1      | 21.0778 | 18.9684 |
| 2009 | 6     | 21  | 12   | 21     | 7      | 0.3       | 3.3     | 1.06  | 88        | 21.0778 | 19.6451 |
| 2009 | 6     | 21  | 12   | 31     | 7      | 0.3       | 3.3     | 1.07  | 87.7      | 21.0778 | 19.8912 |
| 2009 | 6     | 21  | 12   | 41     | 7      | 0.3       | 3.3     | 1.07  | 85.9      | 21.0778 | 19.7066 |
| 2009 | 6     | 21  | 12   | 51     | 7      | 0.3       | 3.3     | 1.03  | 88.7      | 21.0549 | 19.0704 |
| 2009 | 6     | 21  | 13   | 1      | 7      | 0.3       | 3.3     | 1.08  | 87        | 21.0778 | 19.9528 |
| 2009 | 6     | 21  | 13   | 11     | 7      | 0.3       | 3.3     | 1.06  | 87.5      | 21.0778 | 19.6451 |
| 2009 | 6     | 21  | 13   | 21     | 7      | 0.3       | 3.3     | 1.05  | 86.1      | 21.0778 | 19.399  |
| 2009 | 6     | 21  | 13   | 31     | 7      | 0.3       | 3.3     | 1.03  | 89.3      | 21.0778 | 19.0299 |
| 2009 | 6     | 21  | 13   | 41     | 7      | 0.3       | 3.3     | 1.05  | 87.9      | 21.0549 | 19.5005 |
| 2009 | 6     | 21  | 13   | 51     | 7      | 0.3       | 3.3     | 1.06  | 88.2      | 21.0778 | 19.7066 |
| 2009 | 6     | 21  | 14   | 1      | 7      | 0.3       | 3.3     | 1.06  | 87.9      | 21.0549 | 19.562  |
| 2009 | 6     | 21  | 14   | 11     | 7      | 0.3       | 3.3     | 1.01  | 88.9      | 21.0549 | 18.7017 |
| 2009 | 6     | 21  | 14   | 21     | 7      | 0.3       | 3.3     | 1.03  | 88.4      | 21.0549 | 19.0704 |
| 2009 | 6     | 21  | 14   | 31     | 7      | 0.3       | 3.3     | 1.09  | 88.6      | 21.0549 | 20.1767 |
| 2009 | 6     | 21  | 14   | 41     | 7      | 0.3       | 3.3     | 1.03  | 87.4      | 21.0549 | 19.0704 |
| 2009 | 6     | 21  | 14   | 51     | 7      | 0.3       | 3.3     | 1.04  | 87.8      | 21.0549 | 19.3161 |
| 2009 | 6     | 21  | 15   | 1      | 7      | 0.3       | 3.3     | 1.05  | 86.8      | 21.0549 | 19.5005 |
| 2009 | 6     | 21  | 15   | 11     | 7      | 0.3       | 3.3     | 1.06  | 90.7      | 21.0549 | 19.6234 |
| 2009 | 6     | 21  | 15   | 21     | 7      | 0.3       | 3.3     | 1.05  | 89.8      | 21.0549 | 19.3776 |
| 2009 | 6     | 21  | 15   | 31     | 7      | 0.3       | 3.3     | 1.05  | 87.3      | 21.0549 | 19.3776 |
| 2009 | 6     | 21  | 15   | 41     | 7      | 0.3       | 3.3     | 1.05  | 87.7      | 21.032  | 19.3562 |
| 2009 | 6     | 21  | 15   | 51     | 7      | 0.3       | 3.3     | 1.07  | 88.4      | 21.032  | 19.8473 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 21  | 16   | 1      | 7      | 0.3       | 3.3     | 1.05  | 86.9      | 21.032  | 19.3562 |
| 2009 | 6     | 21  | 16   | 11     | 7      | 0.3       | 3.3     | 1     | 88.3      | 21.0549 | 18.4561 |
| 2009 | 6     | 21  | 16   | 21     | 7      | 0.3       | 3.3     | 1.02  | 84.6      | 21.0549 | 18.7632 |
| 2009 | 6     | 21  | 16   | 31     | 7      | 0.3       | 3.3     | 1.07  | 89.5      | 21.032  | 19.8473 |
| 2009 | 6     | 21  | 16   | 41     | 7      | 0.3       | 3.3     | 1.02  | 88        | 21.032  | 18.9265 |
| 2009 | 6     | 21  | 16   | 51     | 7      | 0.3       | 3.3     | 1.03  | 88.4      | 21.032  | 19.0493 |
| 2009 | 6     | 21  | 17   | 1      | 7      | 0.3       | 3.3     | 1.05  | 89.6      | 21.032  | 19.4789 |
| 2009 | 6     | 21  | 17   | 11     | 7      | 0.3       | 3.3     | 1.06  | 88        | 21.032  | 19.5403 |
| 2009 | 6     | 21  | 17   | 21     | 7      | 0.3       | 3.3     | 1.06  | 85        | 21.032  | 19.6017 |
| 2009 | 6     | 21  | 17   | 31     | 7      | 0.3       | 3.3     | 1.06  | 85.6      | 21.0091 | 19.58   |
| 2009 | 6     | 21  | 17   | 41     | 7      | 0.3       | 3.3     | 1.08  | 87.2      | 21.0091 | 20.0094 |
| 2009 | 6     | 21  | 17   | 51     | 7      | 0.3       | 3.3     | 1.03  | 88.9      | 21.0091 | 19.0895 |
| 2009 | 6     | 21  | 18   | 1      | 7      | 0.3       | 3.3     | 1.06  | 87.9      | 21.0091 | 19.5187 |
| 2009 | 6     | 21  | 18   | 11     | 7      | 0.3       | 3.3     | 1.05  | 86.6      | 21.0091 | 19.2734 |
| 2009 | 6     | 21  | 18   | 21     | 7      | 0.3       | 3.3     | 1.07  | 88.6      | 21.0091 | 19.8254 |
| 2009 | 6     | 21  | 18   | 31     | 7      | 0.3       | 3.3     | 1.01  | 83.6      | 21.0091 | 18.4765 |
| 2009 | 6     | 21  | 18   | 41     | 7      | 0.3       | 3.3     | 1.09  | 87.9      | 21.0091 | 20.0707 |
| 2009 | 6     | 21  | 18   | 51     | 7      | 0.3       | 3.3     | 1.07  | 85.9      | 21.0091 | 19.6414 |
| 2009 | 6     | 21  | 19   | 1      | 7      | 0.3       | 3.3     | 1.06  | 86.4      | 21.0091 | 19.4574 |
| 2009 | 6     | 21  | 19   | 11     | 7      | 0.3       | 3.3     | 1.05  | 89.5      | 21.0091 | 19.3961 |
| 2009 | 6     | 21  | 19   | 21     | 7      | 0.3       | 3.3     | 1.06  | 86.1      | 21.0091 | 19.4574 |
| 2009 | 6     | 21  | 19   | 31     | 7      | 0.3       | 3.3     | 1.02  | 84.7      | 21.0091 | 18.783  |
| 2009 | 6     | 21  | 19   | 41     | 7      | 0.3       | 3.3     | 1.03  | 87.5      | 20.9862 | 19.0683 |
| 2009 | 6     | 21  | 19   | 51     | 7      | 0.3       | 3.3     | 1.05  | 86.6      | 20.9862 | 19.4358 |
| 2009 | 6     | 21  | 20   | 1      | 7      | 0.3       | 3.3     | 1.04  | 88.9      | 21.0091 | 19.1508 |
| 2009 | 6     | 21  | 20   | 11     | 7      | 0.3       | 3.3     | 1.04  | 86.9      | 21.0091 | 19.1508 |
| 2009 | 6     | 21  | 20   | 21     | 7      | 0.3       | 3.3     | 1     | 87        | 21.0091 | 18.354  |
| 2009 | 6     | 21  | 20   | 31     | 7      | 0.3       | 3.3     | 1.02  | 88.7      | 20.9862 | 18.8846 |
| 2009 | 6     | 21  | 20   | 41     | 7      | 0.3       | 3.3     | 0.97  | 88.3      | 21.0091 | 17.8638 |
| 2009 | 6     | 21  | 20   | 51     | 7      | 0.3       | 3.3     | 1.06  | 86.8      | 21.0091 | 19.58   |
| 2009 | 6     | 21  | 21   | 1      | 7      | 0.3       | 3.3     | 1.01  | 85.9      | 21.0091 | 18.5991 |
| 2009 | 6     | 21  | 21   | 11     | 7      | 0.3       | 3.3     | 1.02  | 88.3      | 21.0091 | 18.783  |
| 2009 | 6     | 21  | 21   | 21     | 7      | 0.3       | 3.3     | 1.02  | 85.2      | 21.0091 | 18.8443 |
| 2009 | 6     | 21  | 21   | 31     | 7      | 0.3       | 3.3     | 1.06  | 86.6      | 20.9862 | 19.6196 |
| 2009 | 6     | 21  | 21   | 41     | 7      | 0.3       | 3.3     | 1.01  | 85.3      | 20.9862 | 18.5785 |
| 2009 | 6     | 21  | 21   | 51     | 7      | 0.3       | 3.3     | 1.03  | 88.4      | 20.9862 | 19.0071 |
| 2009 | 6     | 21  | 22   | 1      | 7      | 0.3       | 3.3     | 1.04  | 85.5      | 20.9862 | 19.1908 |
| 2009 | 6     | 21  | 22   | 11     | 7      | 0.3       | 3.3     | 1.01  | 85.9      | 20.9862 | 18.5785 |
| 2009 | 6     | 21  | 22   | 21     | 7      | 0.3       | 3.3     | 0.95  | 83        | 20.9862 | 17.2934 |
| 2009 | 6     | 21  | 22   | 31     | 7      | 0.3       | 3.3     | 1.03  | 86.9      | 20.9862 | 18.8846 |
| 2009 | 6     | 21  | 22   | 41     | 7      | 0.3       | 3.3     | 0.96  | 84.5      | 20.9862 | 17.5381 |
| 2009 | 6     | 21  | 22   | 51     | 7      | 0.3       | 3.3     | 1.03  | 86        | 20.9862 | 19.0071 |
| 2009 | 6     | 21  | 23   | 1      | 7      | 0.3       | 3.3     | 1.03  | 84.9      | 20.9862 | 19.0071 |
| 2009 | 6     | 21  | 23   | 11     | 7      | 0.3       | 3.3     | 0.99  | 82.8      | 20.9862 | 18.0888 |
| 2009 | 6     | 21  | 23   | 21     | 7      | 0.3       | 3.3     | 1     | 85.5      | 20.9862 | 18.3336 |
| 2009 | 6     | 21  | 23   | 31     | 7      | 0.3       | 3.3     | 1.03  | 85.8      | 20.9862 | 18.8846 |
| 2009 | 6     | 21  | 23   | 41     | 7      | 0.3       | 3.3     | 1.02  | 87.1      | 20.9862 | 18.8234 |
| 2009 | 6     | 21  | 23   | 51     | 7      | 0.3       | 3.3     | 1.01  | 85.2      | 20.9862 | 18.5785 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 22  | 0    | 1      | 7      | 0.3       | 3.3     | 1.03  | 86        | 20.9862 | 18.9459 |
| 2009 | 6     | 22  | 0    | 11     | 7      | 0.3       | 3.3     | 1.05  | 85.9      | 20.9862 | 19.2521 |
| 2009 | 6     | 22  | 0    | 21     | 7      | 0.3       | 3.3     | 1.01  | 85.9      | 20.9862 | 18.5173 |
| 2009 | 6     | 22  | 0    | 31     | 7      | 0.3       | 3.3     | 1     | 84.6      | 20.9862 | 18.3948 |
| 2009 | 6     | 22  | 0    | 41     | 7      | 0.3       | 3.3     | 1.01  | 84.2      | 20.9862 | 18.5173 |
| 2009 | 6     | 22  | 0    | 51     | 7      | 0.3       | 3.3     | 1.04  | 85.8      | 20.9862 | 19.0683 |
| 2009 | 6     | 22  | 1    | 1      | 7      | 0.3       | 3.3     | 0.99  | 83.9      | 20.9862 | 18.2112 |
| 2009 | 6     | 22  | 1    | 11     | 7      | 0.3       | 3.3     | 1     | 84.9      | 20.9862 | 18.4561 |
| 2009 | 6     | 22  | 1    | 21     | 7      | 0.3       | 3.3     | 0.97  | 83.2      | 20.9862 | 17.844  |
| 2009 | 6     | 22  | 1    | 31     | 7      | 0.3       | 3.3     | 1.02  | 88        | 20.9862 | 18.8234 |
| 2009 | 6     | 22  | 1    | 41     | 7      | 0.3       | 3.3     | 1.01  | 85.7      | 20.9862 | 18.5785 |
| 2009 | 6     | 22  | 1    | 51     | 7      | 0.3       | 3.3     | 1.06  | 86.3      | 20.9862 | 19.4358 |
| 2009 | 6     | 22  | 2    | 1      | 7      | 0.3       | 3.3     | 1.01  | 86.3      | 20.9862 | 18.5785 |
| 2009 | 6     | 22  | 2    | 11     | 7      | 0.3       | 3.3     | 0.97  | 86.5      | 20.9862 | 17.844  |
| 2009 | 6     | 22  | 2    | 21     | 7      | 0.3       | 3.3     | 0.99  | 86.6      | 20.9862 | 18.15   |
| 2009 | 6     | 22  | 2    | 31     | 7      | 0.3       | 3.3     | 1.01  | 85.2      | 20.9862 | 18.6397 |
| 2009 | 6     | 22  | 2    | 41     | 7      | 0.3       | 3.3     | 1.03  | 87.6      | 20.9862 | 19.0683 |
| 2009 | 6     | 22  | 2    | 51     | 7      | 0.3       | 3.3     | 1.03  | 86.9      | 20.9862 | 19.0071 |
| 2009 | 6     | 22  | 3    | 1      | 7      | 0.3       | 3.3     | 1.01  | 87.6      | 20.9862 | 18.6397 |
| 2009 | 6     | 22  | 3    | 11     | 7      | 0.3       | 3.3     | 1.05  | 85.4      | 20.9862 | 19.3746 |
| 2009 | 6     | 22  | 3    | 21     | 7      | 0.3       | 3.3     | 0.99  | 86.6      | 20.9862 | 18.15   |
| 2009 | 6     | 22  | 3    | 31     | 7      | 0.3       | 3.3     | 1.02  | 86.7      | 20.9862 | 18.7622 |
| 2009 | 6     | 22  | 3    | 41     | 7      | 0.3       | 3.3     | 1.05  | 90        | 20.9862 | 19.3746 |
| 2009 | 6     | 22  | 3    | 51     | 7      | 0.3       | 3.3     | 0.99  | 86.8      | 20.9862 | 18.2724 |
| 2009 | 6     | 22  | 4    | 1      | 7      | 0.3       | 3.3     | 1     | 84.9      | 20.9862 | 18.4561 |
| 2009 | 6     | 22  | 4    | 11     | 7      | 0.3       | 3.3     | 1.01  | 84        | 20.9862 | 18.5785 |
| 2009 | 6     | 22  | 4    | 21     | 7      | 0.3       | 3.3     | 1.05  | 85.7      | 20.9862 | 19.3133 |
| 2009 | 6     | 22  | 4    | 31     | 7      | 0.3       | 3.3     | 1.02  | 87.2      | 20.9862 | 18.8234 |
| 2009 | 6     | 22  | 4    | 41     | 7      | 0.3       | 3.3     | 1.02  | 84.3      | 20.9862 | 18.7622 |
| 2009 | 6     | 22  | 4    | 51     | 7      | 0.3       | 3.3     | 1.01  | 85.9      | 20.9862 | 18.5173 |
| 2009 | 6     | 22  | 5    | 1      | 7      | 0.3       | 3.3     | 1     | 88.5      | 20.9862 | 18.3948 |
| 2009 | 6     | 22  | 5    | 11     | 7      | 0.3       | 3.3     | 1     | 84.9      | 20.9862 | 18.3336 |
| 2009 | 6     | 22  | 5    | 21     | 7      | 0.3       | 3.3     | 1.01  | 87        | 20.9862 | 18.5173 |
| 2009 | 6     | 22  | 5    | 31     | 7      | 0.3       | 3.3     | 1.02  | 87.6      | 20.9862 | 18.8234 |
| 2009 | 6     | 22  | 5    | 41     | 7      | 0.3       | 3.3     | 0.99  | 87        | 20.9862 | 18.2112 |
| 2009 | 6     | 22  | 5    | 51     | 7      | 0.3       | 3.3     | 0.97  | 86.9      | 20.9862 | 17.9052 |
| 2009 | 6     | 22  | 6    | 1      | 7      | 0.3       | 3.3     | 1     | 85.1      | 20.9862 | 18.3948 |
| 2009 | 6     | 22  | 6    | 11     | 7      | 0.3       | 3.3     | 1.02  | 88.2      | 20.9862 | 18.8234 |
| 2009 | 6     | 22  | 6    | 21     | 7      | 0.3       | 3.3     | 1.02  | 85.2      | 20.9862 | 18.7622 |
| 2009 | 6     | 22  | 6    | 31     | 7      | 0.3       | 3.3     | 1.05  | 87.7      | 20.9862 | 19.3133 |
| 2009 | 6     | 22  | 6    | 41     | 7      | 0.3       | 3.3     | 1.01  | 85.9      | 20.9862 | 18.5785 |
| 2009 | 6     | 22  | 6    | 51     | 7      | 0.3       | 3.3     | 1.04  | 87.7      | 20.9862 | 19.1908 |
| 2009 | 6     | 22  | 7    | 1      | 7      | 0.3       | 3.3     | 1.03  | 86.9      | 20.9862 | 19.0683 |
| 2009 | 6     | 22  | 7    | 11     | 7      | 0.3       | 3.3     | 1.02  | 86.9      | 20.9862 | 18.7009 |
| 2009 | 6     | 22  | 7    | 21     | 7      | 0.3       | 3.3     | 1.01  | 85.9      | 20.9862 | 18.5173 |
| 2009 | 6     | 22  | 7    | 31     | 7      | 0.3       | 3.3     | 1.04  | 87.1      | 20.9862 | 19.1908 |
| 2009 | 6     | 22  | 7    | 42     | 15     | 0.3       | 3.3     | 1     | 85.5      | 20.9862 | 18.4561 |
| 2009 | 6     | 22  | 7    | 52     | 15     | 0.3       | 3.3     | 1.05  | 86.6      | 20.9862 | 19.2521 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 22  | 8    | 2      | 15     | 0.3       | 3.3     | 1.06  | 87.3      | 20.9862 | 19.4971 |
| 2009 | 6     | 22  | 8    | 12     | 15     | 0.3       | 3.3     | 1.04  | 84.8      | 20.9862 | 19.1908 |
| 2009 | 6     | 22  | 8    | 22     | 15     | 0.3       | 3.3     | 1.02  | 88        | 20.9862 | 18.8846 |
| 2009 | 6     | 22  | 8    | 32     | 15     | 0.3       | 3.3     | 1.01  | 86.8      | 20.9862 | 18.6397 |
| 2009 | 6     | 22  | 8    | 42     | 15     | 0.3       | 3.3     | 1.06  | 85.6      | 20.9862 | 19.4971 |
| 2009 | 6     | 22  | 8    | 52     | 15     | 0.3       | 3.3     | 1.05  | 85.2      | 20.9862 | 19.3746 |
| 2009 | 6     | 22  | 9    | 2      | 15     | 0.3       | 3.3     | 1.05  | 86.2      | 20.9862 | 19.2521 |
| 2009 | 6     | 22  | 9    | 12     | 15     | 0.3       | 3.3     | 1.02  | 85.2      | 20.9633 | 18.6802 |
| 2009 | 6     | 22  | 9    | 22     | 15     | 0.3       | 3.3     | 1.04  | 87.3      | 20.9633 | 19.1084 |
| 2009 | 6     | 22  | 9    | 32     | 15     | 0.3       | 3.3     | 1.03  | 84.9      | 20.9633 | 18.986  |
| 2009 | 6     | 22  | 9    | 42     | 15     | 0.3       | 3.3     | 1.06  | 87.9      | 20.9633 | 19.5978 |
| 2009 | 6     | 22  | 9    | 52     | 15     | 0.3       | 3.3     | 1.01  | 86.6      | 20.9633 | 18.4967 |
| 2009 | 6     | 22  | 10   | 2      | 15     | 0.3       | 3.3     | 1.05  | 88.9      | 20.9633 | 19.3531 |
| 2009 | 6     | 22  | 10   | 12     | 15     | 0.3       | 3.3     | 1.06  | 87.9      | 20.9633 | 19.5978 |
| 2009 | 6     | 22  | 10   | 22     | 15     | 0.3       | 3.3     | 1.03  | 85.1      | 20.9633 | 18.9249 |
| 2009 | 6     | 22  | 10   | 32     | 15     | 0.3       | 3.3     | 1     | 87.9      | 20.9633 | 18.3744 |
| 2009 | 6     | 22  | 10   | 42     | 15     | 0.3       | 3.3     | 1.03  | 88.2      | 20.9633 | 18.9249 |
| 2009 | 6     | 22  | 10   | 52     | 15     | 0.3       | 3.3     | 0.99  | 85.8      | 20.9633 | 18.2522 |
| 2009 | 6     | 22  | 11   | 2      | 15     | 0.3       | 3.3     | 1     | 83.8      | 20.9633 | 18.3133 |
| 2009 | 6     | 22  | 11   | 12     | 15     | 0.3       | 3.3     | 1.01  | 85.5      | 20.9633 | 18.4967 |
| 2009 | 6     | 22  | 11   | 22     | 15     | 0.3       | 3.3     | 1.05  | 86.2      | 20.9633 | 19.3531 |
| 2009 | 6     | 22  | 11   | 32     | 15     | 0.3       | 3.3     | 0.99  | 84.5      | 20.9633 | 18.191  |
| 2009 | 6     | 22  | 11   | 42     | 15     | 0.3       | 3.3     | 1.03  | 83.8      | 20.9633 | 18.8637 |
| 2009 | 6     | 22  | 11   | 52     | 15     | 0.3       | 3.3     | 1.03  | 84.9      | 20.9633 | 18.8637 |
| 2009 | 6     | 22  | 12   | 2      | 15     | 0.3       | 3.3     | 1     | 87.2      | 20.9862 | 18.3948 |
| 2009 | 6     | 22  | 12   | 12     | 15     | 0.3       | 3.3     | 1.05  | 85.3      | 20.9633 | 19.2919 |
| 2009 | 6     | 22  | 12   | 22     | 15     | 0.3       | 3.3     | 1.02  | 87.4      | 20.9862 | 18.8234 |
| 2009 | 6     | 22  | 12   | 32     | 15     | 0.3       | 3.3     | 1.02  | 85.4      | 20.9633 | 18.7414 |
| 2009 | 6     | 22  | 12   | 42     | 15     | 0.3       | 3.3     | 1.01  | 85.3      | 20.9633 | 18.5579 |
| 2009 | 6     | 22  | 12   | 52     | 15     | 0.3       | 3.3     | 1.01  | 86.6      | 20.9633 | 18.4967 |
| 2009 | 6     | 22  | 13   | 2      | 15     | 0.3       | 3.3     | 0.99  | 87.9      | 20.9633 | 18.191  |
| 2009 | 6     | 22  | 13   | 12     | 15     | 0.3       | 3.3     | 0.99  | 86.6      | 20.9633 | 18.1299 |
| 2009 | 6     | 22  | 13   | 22     | 15     | 0.3       | 3.3     | 1     | 86.6      | 20.9633 | 18.3744 |
| 2009 | 6     | 22  | 13   | 32     | 15     | 0.3       | 3.3     | 1.03  | 84.9      | 20.9633 | 18.986  |
| 2009 | 6     | 22  | 13   | 42     | 15     | 0.3       | 3.3     | 0.98  | 82.7      | 20.9633 | 17.8853 |
| 2009 | 6     | 22  | 13   | 52     | 15     | 0.3       | 3.3     | 1.02  | 87.8      | 20.9404 | 18.7816 |
| 2009 | 6     | 22  | 14   | 2      | 15     | 0.3       | 3.3     | 1.03  | 86.7      | 20.9404 | 18.9038 |
| 2009 | 6     | 22  | 14   | 12     | 15     | 0.3       | 3.3     | 0.98  | 84.8      | 20.9404 | 18.0487 |
| 2009 | 6     | 22  | 14   | 22     | 15     | 0.3       | 3.3     | 0.98  | 84.4      | 20.9175 | 17.9066 |
| 2009 | 6     | 22  | 14   | 32     | 15     | 0.3       | 3.3     | 1.03  | 87.6      | 20.9175 | 18.8828 |
| 2009 | 6     | 22  | 14   | 42     | 15     | 0.3       | 3.3     | 1.05  | 85.5      | 20.8945 | 19.2276 |
| 2009 | 6     | 22  | 14   | 52     | 15     | 0.3       | 3.3     | 1.03  | 85.8      | 20.8716 | 18.7799 |
| 2009 | 6     | 22  | 15   | 2      | 15     | 0.3       | 3.3     | 1.02  | 86        | 20.8716 | 18.719  |
| 2009 | 6     | 22  | 15   | 12     | 15     | 0.3       | 3.3     | 1.01  | 89.3      | 20.8716 | 18.5363 |
| 2009 | 6     | 22  | 15   | 22     | 15     | 0.3       | 3.3     | 1.01  | 87.6      | 20.8716 | 18.5972 |
| 2009 | 6     | 22  | 15   | 32     | 15     | 0.3       | 3.3     | 1.02  | 85.4      | 20.8716 | 18.5972 |
| 2009 | 6     | 22  | 15   | 42     | 15     | 0.3       | 3.3     | 1.05  | 88.4      | 20.8716 | 19.2671 |
| 2009 | 6     | 22  | 15   | 52     | 15     | 0.3       | 3.3     | 1.04  | 90.9      | 20.8945 | 19.1667 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 22  | 16   | 2      | 15     | 0.3       | 3.3     | 1.05  | 86.4      | 20.8716 | 19.1453 |
| 2009 | 6     | 22  | 16   | 12     | 15     | 0.3       | 3.3     | 0.95  | 85.3      | 20.8716 | 17.4408 |
| 2009 | 6     | 22  | 16   | 22     | 15     | 0.3       | 3.3     | 1.01  | 89.1      | 20.8487 | 18.5765 |
| 2009 | 6     | 22  | 16   | 32     | 15     | 0.3       | 3.3     | 1.04  | 89.3      | 20.8716 | 19.1453 |
| 2009 | 6     | 22  | 16   | 42     | 15     | 0.3       | 3       | 1.05  | 86.6      | 20.8258 | 19.1026 |
| 2009 | 6     | 22  | 16   | 52     | 15     | 0.3       | 3.3     | 1.04  | 86.6      | 20.8487 | 19.0631 |
| 2009 | 6     | 22  | 17   | 2      | 15     | 0.3       | 3.3     | 0.94  | 85.2      | 20.8487 | 17.239  |
| 2009 | 6     | 22  | 17   | 12     | 15     | 0.3       | 3.3     | 0.99  | 86.9      | 20.8716 | 18.0493 |
| 2009 | 6     | 22  | 17   | 22     | 15     | 0.3       | 3       | 0.97  | 83.2      | 20.8258 | 17.6447 |
| 2009 | 6     | 22  | 17   | 32     | 15     | 0.3       | 3       | 0.99  | 85.6      | 20.8258 | 18.0698 |
| 2009 | 6     | 22  | 17   | 42     | 15     | 0.3       | 3.3     | 1.04  | 88.2      | 20.8487 | 19.0023 |
| 2009 | 6     | 22  | 17   | 52     | 15     | 0.3       | 3       | 0.98  | 85        | 20.8258 | 17.8876 |
| 2009 | 6     | 22  | 18   | 2      | 15     | 0.3       | 3       | 1     | 87.6      | 20.8258 | 18.3735 |
| 2009 | 6     | 22  | 18   | 12     | 15     | 0.3       | 3       | 1.02  | 86.9      | 20.8029 | 18.6564 |
| 2009 | 6     | 22  | 18   | 22     | 15     | 0.3       | 3       | 0.96  | 84.7      | 20.8258 | 17.4626 |
| 2009 | 6     | 22  | 18   | 32     | 15     | 0.3       | 3       | 1.02  | 88.3      | 20.8258 | 18.6165 |
| 2009 | 6     | 22  | 18   | 42     | 15     | 0.3       | 3       | 1.01  | 88.3      | 20.8029 | 18.4743 |
| 2009 | 6     | 22  | 18   | 52     | 15     | 0.3       | 3       | 1.01  | 89.1      | 20.8029 | 18.4136 |
| 2009 | 6     | 22  | 19   | 2      | 15     | 0.3       | 3       | 1.04  | 86.8      | 20.8029 | 19.0205 |
| 2009 | 6     | 22  | 19   | 12     | 15     | 0.3       | 3       | 1.04  | 87.1      | 20.8029 | 19.0812 |
| 2009 | 6     | 22  | 19   | 22     | 15     | 0.3       | 3       | 1.05  | 86.8      | 20.8029 | 19.1419 |
| 2009 | 6     | 22  | 19   | 32     | 15     | 0.3       | 3       | 0.99  | 86        | 20.8029 | 17.9889 |
| 2009 | 6     | 22  | 19   | 42     | 15     | 0.3       | 3       | 0.99  | 86.2      | 20.8029 | 18.1103 |
| 2009 | 6     | 22  | 19   | 52     | 15     | 0.3       | 3       | 1     | 85.3      | 20.8029 | 18.2316 |
| 2009 | 6     | 22  | 20   | 2      | 15     | 0.3       | 3       | 1.02  | 85.6      | 20.8029 | 18.5957 |
| 2009 | 6     | 22  | 20   | 12     | 15     | 0.3       | 3       | 0.98  | 85.8      | 20.8029 | 17.9283 |
| 2009 | 6     | 22  | 20   | 22     | 15     | 0.3       | 3       | 0.99  | 87.1      | 20.8029 | 18.0496 |
| 2009 | 6     | 22  | 20   | 32     | 15     | 0.3       | 3       | 0.99  | 86.2      | 20.8029 | 18.1103 |
| 2009 | 6     | 22  | 20   | 42     | 15     | 0.3       | 3       | 0.99  | 83.7      | 20.78   | 17.9688 |
| 2009 | 6     | 22  | 20   | 52     | 15     | 0.3       | 3       | 1.02  | 86.5      | 20.8029 | 18.6564 |
| 2009 | 6     | 22  | 21   | 2      | 15     | 0.3       | 3       | 1.03  | 84.2      | 20.8029 | 18.7777 |
| 2009 | 6     | 22  | 21   | 12     | 15     | 0.3       | 3       | 1.06  | 84        | 20.8029 | 19.2633 |
| 2009 | 6     | 22  | 21   | 22     | 15     | 0.3       | 3       | 0.95  | 85.4      | 20.8029 | 17.3218 |
| 2009 | 6     | 22  | 21   | 32     | 15     | 0.3       | 3       | 1.02  | 86        | 20.8029 | 18.6564 |
| 2009 | 6     | 22  | 21   | 42     | 15     | 0.3       | 3       | 1.05  | 85.7      | 20.78   | 19.1205 |
| 2009 | 6     | 22  | 21   | 52     | 15     | 0.3       | 3       | 1     | 85.8      | 20.78   | 18.1506 |
| 2009 | 6     | 22  | 22   | 2      | 15     | 0.3       | 3       | 0.96  | 85.3      | 20.78   | 17.4235 |
| 2009 | 6     | 22  | 22   | 12     | 15     | 0.3       | 3       | 1.04  | 87.3      | 20.78   | 19.0599 |
| 2009 | 6     | 22  | 22   | 22     | 15     | 0.3       | 3       | 1.03  | 86        | 20.78   | 18.7567 |
| 2009 | 6     | 22  | 22   | 32     | 15     | 0.3       | 3       | 1.01  | 85.2      | 20.8029 | 18.4136 |
| 2009 | 6     | 22  | 22   | 42     | 15     | 0.3       | 3       | 1.03  | 85.1      | 20.8029 | 18.7777 |
| 2009 | 6     | 22  | 22   | 52     | 15     | 0.3       | 3       | 0.94  | 84.4      | 20.78   | 17.0601 |
| 2009 | 6     | 22  | 23   | 2      | 15     | 0.3       | 3       | 0.99  | 86.8      | 20.8029 | 18.0496 |
| 2009 | 6     | 22  | 23   | 12     | 15     | 0.3       | 3       | 0.99  | 85.4      | 20.78   | 18.0294 |
| 2009 | 6     | 22  | 23   | 22     | 15     | 0.3       | 3       | 0.97  | 84.9      | 20.8029 | 17.625  |
| 2009 | 6     | 22  | 23   | 32     | 15     | 0.3       | 3       | 1     | 86.2      | 20.8029 | 18.1709 |
| 2009 | 6     | 22  | 23   | 42     | 15     | 0.3       | 3       | 0.94  | 83        | 20.8029 | 17.0792 |
| 2009 | 6     | 22  | 23   | 52     | 15     | 0.3       | 3       | 1.02  | 86.5      | 20.8029 | 18.535  |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 23  | 0    | 2      | 15     | 0.3       | 3       | 0.97  | 85.5      | 20.8258 | 17.7054 |
| 2009 | 6     | 23  | 0    | 12     | 15     | 0.3       | 3       | 0.98  | 85.4      | 20.8029 | 17.9283 |
| 2009 | 6     | 23  | 0    | 22     | 15     | 0.3       | 3       | 1.01  | 84.4      | 20.8029 | 18.4136 |
| 2009 | 6     | 23  | 0    | 32     | 15     | 0.3       | 3       | 1.04  | 86.4      | 20.8029 | 18.8991 |
| 2009 | 6     | 23  | 0    | 42     | 15     | 0.3       | 3       | 1     | 83.2      | 20.8258 | 18.1305 |
| 2009 | 6     | 23  | 0    | 52     | 15     | 0.3       | 3       | 1.03  | 83.9      | 20.8258 | 18.6772 |
| 2009 | 6     | 23  | 1    | 2      | 15     | 0.3       | 3       | 1.01  | 86.6      | 20.8258 | 18.4342 |
| 2009 | 6     | 23  | 1    | 12     | 15     | 0.3       | 3       | 1.02  | 85.4      | 20.8258 | 18.6772 |
| 2009 | 6     | 23  | 1    | 22     | 15     | 0.3       | 3       | 0.96  | 86.1      | 20.8258 | 17.5233 |
| 2009 | 6     | 23  | 1    | 32     | 15     | 0.3       | 3       | 1.02  | 84.7      | 20.8258 | 18.6772 |
| 2009 | 6     | 23  | 1    | 42     | 15     | 0.3       | 3       | 1.03  | 86.9      | 20.8258 | 18.738  |
| 2009 | 6     | 23  | 1    | 52     | 15     | 0.3       | 3       | 0.99  | 85.8      | 20.8258 | 18.0698 |
| 2009 | 6     | 23  | 2    | 2      | 15     | 0.3       | 3.3     | 1.01  | 84.4      | 20.8487 | 18.394  |
| 2009 | 6     | 23  | 2    | 12     | 15     | 0.3       | 3.3     | 0.97  | 85.2      | 20.8487 | 17.7252 |
| 2009 | 6     | 23  | 2    | 22     | 15     | 0.3       | 3.3     | 1.02  | 85.6      | 20.8487 | 18.5765 |
| 2009 | 6     | 23  | 2    | 32     | 15     | 0.3       | 3.3     | 1     | 86.2      | 20.8487 | 18.3332 |
| 2009 | 6     | 23  | 2    | 42     | 15     | 0.3       | 3.3     | 0.99  | 85.8      | 20.8487 | 18.1508 |
| 2009 | 6     | 23  | 2    | 52     | 15     | 0.3       | 3.3     | 1.01  | 83.5      | 20.8716 | 18.3537 |
| 2009 | 6     | 23  | 3    | 2      | 15     | 0.3       | 3.3     | 1.01  | 84.8      | 20.8487 | 18.5157 |
| 2009 | 6     | 23  | 3    | 12     | 15     | 0.3       | 3.3     | 1.01  | 85.9      | 20.8487 | 18.394  |
| 2009 | 6     | 23  | 3    | 22     | 15     | 0.3       | 3.3     | 1.02  | 86.5      | 20.8487 | 18.5765 |
| 2009 | 6     | 23  | 3    | 32     | 15     | 0.3       | 3.3     | 1     | 85.3      | 20.8487 | 18.3332 |
| 2009 | 6     | 23  | 3    | 42     | 15     | 0.3       | 3.3     | 1.01  | 86.3      | 20.8716 | 18.5363 |
| 2009 | 6     | 23  | 3    | 52     | 15     | 0.3       | 3.3     | 1.02  | 87.2      | 20.8716 | 18.719  |
| 2009 | 6     | 23  | 4    | 2      | 15     | 0.3       | 3.3     | 1.02  | 84.1      | 20.8716 | 18.6581 |
| 2009 | 6     | 23  | 4    | 12     | 15     | 0.3       | 3.3     | 1.01  | 86.8      | 20.8716 | 18.4755 |
| 2009 | 6     | 23  | 4    | 22     | 15     | 0.3       | 3.3     | 1.03  | 87.6      | 20.8716 | 18.9017 |
| 2009 | 6     | 23  | 4    | 32     | 15     | 0.3       | 3.3     | 0.99  | 85        | 20.8716 | 18.0493 |
| 2009 | 6     | 23  | 4    | 42     | 15     | 0.3       | 3.3     | 1.01  | 88.5      | 20.8716 | 18.5363 |
| 2009 | 6     | 23  | 4    | 52     | 15     | 0.3       | 3.3     | 0.99  | 84.1      | 20.8716 | 17.9885 |
| 2009 | 6     | 23  | 5    | 2      | 15     | 0.3       | 3.3     | 0.98  | 85.8      | 20.8716 | 17.9276 |
| 2009 | 6     | 23  | 5    | 12     | 15     | 0.3       | 3.3     | 1.02  | 88.2      | 20.8716 | 18.7799 |
| 2009 | 6     | 23  | 5    | 22     | 15     | 0.3       | 3.3     | 1     | 85.5      | 20.8716 | 18.3537 |
| 2009 | 6     | 23  | 5    | 32     | 15     | 0.3       | 3.3     | 1     | 87        | 20.8945 | 18.3742 |
| 2009 | 6     | 23  | 5    | 42     | 15     | 0.3       | 3.3     | 1     | 85.7      | 20.8716 | 18.2928 |
| 2009 | 6     | 23  | 5    | 52     | 15     | 0.3       | 3.3     | 0.99  | 87.7      | 20.8716 | 18.1102 |
| 2009 | 6     | 23  | 6    | 2      | 15     | 0.3       | 3.3     | 0.97  | 85.3      | 20.8716 | 17.745  |
| 2009 | 6     | 23  | 6    | 12     | 15     | 0.3       | 3.3     | 0.97  | 86.3      | 20.8716 | 17.745  |
| 2009 | 6     | 23  | 6    | 22     | 15     | 0.3       | 3.3     | 1.02  | 88.2      | 20.8716 | 18.719  |
| 2009 | 6     | 23  | 6    | 32     | 15     | 0.3       | 3.3     | 1.02  | 86.9      | 20.8716 | 18.6581 |
| 2009 | 6     | 23  | 6    | 42     | 15     | 0.3       | 3.3     | 0.99  | 85.1      | 20.8945 | 18.1913 |
| 2009 | 6     | 23  | 6    | 52     | 15     | 0.3       | 3.3     | 1.03  | 84.5      | 20.8945 | 18.9228 |
| 2009 | 6     | 23  | 7    | 2      | 15     | 0.3       | 3.3     | 1.03  | 86.5      | 20.8716 | 18.8408 |
| 2009 | 6     | 23  | 7    | 12     | 15     | 0.3       | 3.3     | 1.01  | 83.1      | 20.8716 | 18.3537 |
| 2009 | 6     | 23  | 7    | 22     | 15     | 0.3       | 3.3     | 1     | 86.6      | 20.8945 | 18.2523 |
| 2009 | 6     | 23  | 7    | 32     | 15     | 0.3       | 3.3     | 0.98  | 84.6      | 20.8716 | 17.8667 |
| 2009 | 6     | 23  | 7    | 42     | 15     | 0.3       | 3.3     | 0.98  | 84.1      | 20.8716 | 17.9276 |
| 2009 | 6     | 23  | 7    | 52     | 15     | 0.3       | 3.3     | 1.04  | 86.8      | 20.8945 | 19.1057 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 23  | 8    | 2      | 15     | 0.3       | 3.3     | 1     | 87.4      | 20.8945 | 18.3742 |
| 2009 | 6     | 23  | 8    | 12     | 15     | 0.3       | 3.3     | 0.98  | 85        | 20.8945 | 18.0085 |
| 2009 | 6     | 23  | 8    | 22     | 15     | 0.3       | 3.3     | 1.02  | 87.8      | 20.8716 | 18.719  |
| 2009 | 6     | 23  | 8    | 32     | 15     | 0.3       | 3.3     | 1.01  | 87.6      | 20.8716 | 18.5972 |
| 2009 | 6     | 23  | 8    | 42     | 15     | 0.3       | 3.3     | 1.04  | 87.7      | 20.8716 | 19.0844 |
| 2009 | 6     | 23  | 8    | 52     | 15     | 0.3       | 3.3     | 0.98  | 86        | 20.8716 | 17.9276 |
| 2009 | 6     | 23  | 9    | 2      | 15     | 0.3       | 3.3     | 0.99  | 86.6      | 20.8716 | 18.1102 |
| 2009 | 6     | 23  | 9    | 12     | 15     | 0.3       | 3.3     | 1.01  | 86.3      | 20.8716 | 18.5363 |
| 2009 | 6     | 23  | 9    | 22     | 15     | 0.3       | 3.3     | 0.98  | 85.2      | 20.8716 | 17.9276 |
| 2009 | 6     | 23  | 9    | 32     | 15     | 0.3       | 3.3     | 0.97  | 88.2      | 20.8716 | 17.6842 |
| 2009 | 6     | 23  | 9    | 42     | 15     | 0.3       | 3.3     | 1.05  | 86.2      | 20.8716 | 19.2062 |
| 2009 | 6     | 23  | 9    | 52     | 15     | 0.3       | 3.3     | 0.96  | 87.4      | 20.8716 | 17.5016 |
| 2009 | 6     | 23  | 10   | 2      | 15     | 0.3       | 3.3     | 0.98  | 86.7      | 20.8716 | 17.9885 |
| 2009 | 6     | 23  | 10   | 12     | 15     | 0.3       | 3.3     | 0.99  | 85        | 20.8716 | 18.0493 |
| 2009 | 6     | 23  | 10   | 22     | 15     | 0.3       | 3.3     | 1.02  | 86.3      | 20.8716 | 18.5972 |
| 2009 | 6     | 23  | 10   | 32     | 15     | 0.3       | 3.3     | 0.99  | 86.2      | 20.8716 | 18.1102 |
| 2009 | 6     | 23  | 10   | 42     | 15     | 0.3       | 3.3     | 1.02  | 86.5      | 20.8487 | 18.6373 |
| 2009 | 6     | 23  | 10   | 52     | 15     | 0.3       | 3.3     | 1     | 85.9      | 20.8487 | 18.3332 |
| 2009 | 6     | 23  | 11   | 2      | 15     | 0.3       | 3.3     | 1.01  | 87.6      | 20.8487 | 18.4548 |
| 2009 | 6     | 23  | 11   | 12     | 15     | 0.3       | 3.3     | 1.03  | 86        | 20.8487 | 18.8198 |
| 2009 | 6     | 23  | 11   | 22     | 15     | 0.3       | 3       | 1.03  | 88        | 20.8258 | 18.8595 |
| 2009 | 6     | 23  | 11   | 32     | 15     | 0.3       | 3       | 1.02  | 90        | 20.8029 | 18.5957 |
| 2009 | 6     | 23  | 11   | 42     | 15     | 0.3       | 3       | 1.04  | 86.4      | 20.8029 | 18.8991 |
| 2009 | 6     | 23  | 11   | 52     | 15     | 0.3       | 3       | 1.02  | 85.8      | 20.8029 | 18.6564 |
| 2009 | 6     | 23  | 12   | 2      | 15     | 0.3       | 3       | 1.01  | 87.6      | 20.78   | 18.393  |
| 2009 | 6     | 23  | 12   | 12     | 15     | 0.3       | 3       | 1.02  | 86.5      | 20.78   | 18.5142 |
| 2009 | 6     | 23  | 12   | 22     | 15     | 0.3       | 3       | 1     | 86.4      | 20.8029 | 18.2316 |
| 2009 | 6     | 23  | 12   | 32     | 15     | 0.3       | 3       | 1     | 88.1      | 20.78   | 18.2112 |
| 2009 | 6     | 23  | 12   | 42     | 15     | 0.3       | 3       | 0.98  | 86.6      | 20.78   | 17.9082 |
| 2009 | 6     | 23  | 12   | 52     | 15     | 0.3       | 3       | 1     | 89.6      | 20.757  | 18.1908 |
| 2009 | 6     | 23  | 13   | 2      | 15     | 0.3       | 3       | 1.01  | 88.5      | 20.757  | 18.4329 |
| 2009 | 6     | 23  | 13   | 12     | 15     | 0.3       | 3       | 0.99  | 87.1      | 20.757  | 18.0092 |
| 2009 | 6     | 23  | 13   | 22     | 15     | 0.3       | 3       | 1.03  | 89.3      | 20.757  | 18.8568 |
| 2009 | 6     | 23  | 13   | 32     | 15     | 0.3       | 3       | 1.01  | 85        | 20.757  | 18.3118 |
| 2009 | 6     | 23  | 13   | 42     | 15     | 0.3       | 3       | 1     | 87.4      | 20.78   | 18.3324 |
| 2009 | 6     | 23  | 13   | 52     | 15     | 0.3       | 3       | 1.03  | 87.6      | 20.757  | 18.8568 |
| 2009 | 6     | 23  | 14   | 2      | 15     | 0.3       | 3       | 0.99  | 87.9      | 20.757  | 18.1302 |
| 2009 | 6     | 23  | 14   | 12     | 15     | 0.3       | 3       | 0.98  | 84.6      | 20.757  | 17.7066 |
| 2009 | 6     | 23  | 14   | 22     | 15     | 0.3       | 3       | 1     | 86.6      | 20.757  | 18.1302 |
| 2009 | 6     | 23  | 14   | 32     | 15     | 0.3       | 3       | 1.04  | 88.9      | 20.757  | 19.0385 |
| 2009 | 6     | 23  | 14   | 42     | 15     | 0.3       | 3       | 0.98  | 88.3      | 20.757  | 17.8276 |
| 2009 | 6     | 23  | 14   | 52     | 15     | 0.3       | 3       | 1.04  | 88.7      | 20.757  | 18.9174 |
| 2009 | 6     | 23  | 15   | 2      | 15     | 0.3       | 3       | 0.99  | 88.1      | 20.757  | 18.1302 |
| 2009 | 6     | 23  | 15   | 12     | 15     | 0.3       | 3       | 1.04  | 89.1      | 20.757  | 18.9779 |
| 2009 | 6     | 23  | 15   | 22     | 15     | 0.3       | 3       | 1     | 87.2      | 20.757  | 18.1302 |
| 2009 | 6     | 23  | 15   | 32     | 15     | 0.3       | 3       | 0.97  | 87.5      | 20.78   | 17.6053 |
| 2009 | 6     | 23  | 15   | 42     | 15     | 0.3       | 3       | 1.05  | 90.7      | 20.757  | 19.2202 |
| 2009 | 6     | 23  | 15   | 52     | 15     | 0.3       | 3       | 1.05  | 88.6      | 20.757  | 19.2202 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 23  | 16   | 2      | 15     | 0.3       | 3       | 1.03  | 87.6      | 20.757  | 18.7357 |
| 2009 | 6     | 23  | 16   | 12     | 15     | 0.3       | 3       | 1.02  | 88.3      | 20.7341 | 18.5332 |
| 2009 | 6     | 23  | 16   | 22     | 15     | 0.3       | 3       | 1.03  | 87.6      | 20.7341 | 18.8356 |
| 2009 | 6     | 23  | 16   | 32     | 15     | 0.3       | 3       | 1.02  | 88.3      | 20.757  | 18.6751 |
| 2009 | 6     | 23  | 16   | 42     | 15     | 0.3       | 3       | 1.05  | 88        | 20.7341 | 19.1381 |
| 2009 | 6     | 23  | 16   | 52     | 15     | 0.3       | 3       | 1.01  | 88.5      | 20.757  | 18.4329 |
| 2009 | 6     | 23  | 17   | 2      | 15     | 0.3       | 3       | 1.01  | 87.6      | 20.7341 | 18.3518 |
| 2009 | 6     | 23  | 17   | 12     | 15     | 0.3       | 3       | 0.99  | 85        | 20.7341 | 17.9285 |
| 2009 | 6     | 23  | 17   | 22     | 15     | 0.3       | 3       | 0.99  | 87.9      | 20.7341 | 18.0494 |
| 2009 | 6     | 23  | 17   | 32     | 15     | 0.3       | 3       | 1.01  | 88.7      | 20.7341 | 18.3518 |
| 2009 | 6     | 23  | 17   | 42     | 15     | 0.3       | 3       | 1.05  | 86.6      | 20.7341 | 19.1986 |
| 2009 | 6     | 23  | 17   | 52     | 15     | 0.3       | 3       | 1.02  | 87.6      | 20.7112 | 18.5728 |
| 2009 | 6     | 23  | 18   | 2      | 15     | 0.3       | 3       | 0.98  | 86.4      | 20.7341 | 17.8076 |
| 2009 | 6     | 23  | 18   | 12     | 15     | 0.3       | 3       | 1.03  | 86.9      | 20.7112 | 18.7541 |
| 2009 | 6     | 23  | 18   | 22     | 15     | 0.3       | 3       | 0.98  | 88.3      | 20.7341 | 17.8076 |
| 2009 | 6     | 23  | 18   | 32     | 15     | 0.3       | 3       | 1.04  | 85.3      | 20.7112 | 18.8749 |
| 2009 | 6     | 23  | 18   | 42     | 15     | 0.3       | 3       | 1     | 89.6      | 20.7112 | 18.2707 |
| 2009 | 6     | 23  | 18   | 52     | 15     | 0.3       | 3       | 1     | 85.8      | 20.7112 | 18.0895 |
| 2009 | 6     | 23  | 19   | 2      | 15     | 0.3       | 3       | 0.99  | 87.2      | 20.7112 | 18.0292 |
| 2009 | 6     | 23  | 19   | 12     | 15     | 0.3       | 3       | 1     | 87.9      | 20.7112 | 18.2103 |
| 2009 | 6     | 23  | 19   | 22     | 15     | 0.3       | 3       | 1     | 86.6      | 20.7112 | 18.1499 |
| 2009 | 6     | 23  | 19   | 32     | 15     | 0.3       | 3       | 1.01  | 89.6      | 20.6883 | 18.3105 |
| 2009 | 6     | 23  | 19   | 42     | 15     | 0.3       | 3       | 1.03  | 90.7      | 20.7112 | 18.6936 |
| 2009 | 6     | 23  | 19   | 52     | 15     | 0.3       | 3       | 0.96  | 85.3      | 20.6883 | 17.3454 |
| 2009 | 6     | 23  | 20   | 2      | 15     | 0.3       | 3       | 0.99  | 84.3      | 20.6883 | 17.8279 |
| 2009 | 6     | 23  | 20   | 12     | 15     | 0.3       | 3       | 1.02  | 87.6      | 20.6883 | 18.6123 |
| 2009 | 6     | 23  | 20   | 22     | 15     | 0.3       | 3       | 0.96  | 84.5      | 20.6883 | 17.4057 |
| 2009 | 6     | 23  | 20   | 32     | 15     | 0.3       | 3       | 0.99  | 87        | 20.6883 | 17.9485 |
| 2009 | 6     | 23  | 20   | 42     | 15     | 0.3       | 3       | 1.01  | 87.6      | 20.6883 | 18.3105 |
| 2009 | 6     | 23  | 20   | 52     | 15     | 0.3       | 3       | 0.97  | 86.5      | 20.6883 | 17.5263 |
| 2009 | 6     | 23  | 21   | 2      | 15     | 0.3       | 3       | 0.99  | 87.5      | 20.6883 | 18.0089 |
| 2009 | 6     | 23  | 21   | 12     | 15     | 0.3       | 3       | 0.96  | 84.5      | 20.6883 | 17.2851 |
| 2009 | 6     | 23  | 21   | 22     | 15     | 0.3       | 3       | 1     | 85.9      | 20.6883 | 18.1899 |
| 2009 | 6     | 23  | 21   | 32     | 15     | 0.3       | 3       | 1.01  | 87        | 20.6883 | 18.2502 |
| 2009 | 6     | 23  | 21   | 42     | 15     | 0.3       | 3       | 1     | 89.4      | 20.6883 | 18.2502 |
| 2009 | 6     | 23  | 21   | 52     | 15     | 0.3       | 3       | 0.99  | 84.5      | 20.6883 | 17.8279 |
| 2009 | 6     | 23  | 22   | 2      | 15     | 0.3       | 3       | 0.99  | 87.2      | 20.6883 | 18.0089 |
| 2009 | 6     | 23  | 22   | 12     | 15     | 0.3       | 3       | 1.03  | 87.4      | 20.6883 | 18.6726 |
| 2009 | 6     | 23  | 22   | 22     | 15     | 0.3       | 3       | 1.01  | 88.5      | 20.6883 | 18.3709 |
| 2009 | 6     | 23  | 22   | 32     | 15     | 0.3       | 3       | 0.98  | 88.3      | 20.6883 | 17.7676 |
| 2009 | 6     | 23  | 22   | 42     | 15     | 0.3       | 3       | 0.99  | 85.3      | 20.6883 | 18.0089 |
| 2009 | 6     | 23  | 22   | 52     | 15     | 0.3       | 3       | 0.99  | 86.4      | 20.6883 | 17.9485 |
| 2009 | 6     | 23  | 23   | 2      | 15     | 0.3       | 3       | 1.01  | 85.9      | 20.6883 | 18.3709 |
| 2009 | 6     | 23  | 23   | 12     | 15     | 0.3       | 3       | 0.96  | 82.9      | 20.6883 | 17.2851 |
| 2009 | 6     | 23  | 23   | 22     | 15     | 0.3       | 3       | 1.03  | 87.6      | 20.6883 | 18.6726 |
| 2009 | 6     | 23  | 23   | 32     | 15     | 0.3       | 3       | 1     | 86.6      | 20.6883 | 18.0692 |
| 2009 | 6     | 23  | 23   | 42     | 15     | 0.3       | 3       | 0.99  | 87.7      | 20.6883 | 17.8882 |
| 2009 | 6     | 23  | 23   | 52     | 15     | 0.3       | 3       | 0.98  | 84.4      | 20.6883 | 17.7676 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 24  | 0    | 2      | 15     | 0.3       | 3       | 0.99  | 85.1      | 20.6883 | 17.9485 |
| 2009 | 6     | 24  | 0    | 12     | 15     | 0.3       | 3       | 1.01  | 88        | 20.6883 | 18.3709 |
| 2009 | 6     | 24  | 0    | 22     | 15     | 0.3       | 3       | 0.95  | 84.3      | 20.6883 | 17.2248 |
| 2009 | 6     | 24  | 0    | 32     | 15     | 0.3       | 3       | 0.97  | 84        | 20.6883 | 17.5866 |
| 2009 | 6     | 24  | 0    | 42     | 15     | 0.3       | 3       | 1     | 85.1      | 20.6883 | 18.1295 |
| 2009 | 6     | 24  | 0    | 52     | 15     | 0.3       | 3       | 0.98  | 85.4      | 20.6883 | 17.8279 |
| 2009 | 6     | 24  | 1    | 2      | 15     | 0.3       | 3       | 0.98  | 85        | 20.6883 | 17.7676 |
| 2009 | 6     | 24  | 1    | 12     | 15     | 0.3       | 3       | 0.98  | 84.8      | 20.6883 | 17.8279 |
| 2009 | 6     | 24  | 1    | 22     | 15     | 0.3       | 3       | 1.02  | 86.1      | 20.6883 | 18.4312 |
| 2009 | 6     | 24  | 1    | 32     | 15     | 0.3       | 3       | 0.99  | 83        | 20.6883 | 17.9485 |
| 2009 | 6     | 24  | 1    | 42     | 15     | 0.3       | 3       | 0.94  | 85.6      | 20.6883 | 17.1042 |
| 2009 | 6     | 24  | 1    | 52     | 15     | 0.3       | 3       | 0.98  | 86.1      | 20.6883 | 17.7073 |
| 2009 | 6     | 24  | 2    | 2      | 15     | 0.3       | 3       | 1.03  | 87.6      | 20.6653 | 18.7119 |
| 2009 | 6     | 24  | 2    | 12     | 15     | 0.3       | 3       | 0.98  | 85.4      | 20.6883 | 17.8279 |
| 2009 | 6     | 24  | 2    | 22     | 15     | 0.3       | 3       | 0.96  | 86.7      | 20.6883 | 17.4057 |
| 2009 | 6     | 24  | 2    | 32     | 15     | 0.3       | 3       | 0.94  | 83.4      | 20.6883 | 16.9836 |
| 2009 | 6     | 24  | 2    | 42     | 15     | 0.3       | 3       | 0.97  | 84.2      | 20.6883 | 17.5866 |
| 2009 | 6     | 24  | 2    | 52     | 15     | 0.3       | 3       | 1.01  | 86.5      | 20.6883 | 18.3105 |
| 2009 | 6     | 24  | 3    | 2      | 15     | 0.3       | 3       | 0.99  | 87.2      | 20.6883 | 18.0089 |
| 2009 | 6     | 24  | 3    | 12     | 15     | 0.3       | 3       | 1.04  | 87.7      | 20.6883 | 18.9744 |
| 2009 | 6     | 24  | 3    | 22     | 15     | 0.3       | 3       | 0.98  | 86.7      | 20.6883 | 17.7073 |
| 2009 | 6     | 24  | 3    | 32     | 15     | 0.3       | 3       | 0.99  | 87.1      | 20.6883 | 17.9485 |
| 2009 | 6     | 24  | 3    | 42     | 15     | 0.3       | 3       | 0.95  | 85.6      | 20.6883 | 17.1645 |
| 2009 | 6     | 24  | 3    | 52     | 15     | 0.3       | 3       | 1.02  | 85.2      | 20.6883 | 18.4916 |
| 2009 | 6     | 24  | 4    | 2      | 15     | 0.3       | 3       | 0.99  | 86.4      | 20.6883 | 17.9485 |
| 2009 | 6     | 24  | 4    | 12     | 15     | 0.3       | 3       | 0.97  | 85.7      | 20.6883 | 17.6469 |
| 2009 | 6     | 24  | 4    | 22     | 15     | 0.3       | 3       | 0.97  | 87.5      | 20.6653 | 17.5066 |
| 2009 | 6     | 24  | 4    | 32     | 15     | 0.3       | 3       | 0.99  | 86        | 20.6653 | 17.9283 |
| 2009 | 6     | 24  | 4    | 42     | 15     | 0.3       | 3       | 1.02  | 85.2      | 20.6883 | 18.4916 |
| 2009 | 6     | 24  | 4    | 52     | 15     | 0.3       | 3       | 1.05  | 88        | 20.6883 | 19.0951 |
| 2009 | 6     | 24  | 5    | 2      | 15     | 0.3       | 3       | 0.97  | 85.3      | 20.6653 | 17.5668 |
| 2009 | 6     | 24  | 5    | 12     | 15     | 0.3       | 3       | 0.97  | 86.1      | 20.6883 | 17.6469 |
| 2009 | 6     | 24  | 5    | 22     | 15     | 0.3       | 3       | 1.01  | 85.1      | 20.6883 | 18.2502 |
| 2009 | 6     | 24  | 5    | 32     | 15     | 0.3       | 3       | 0.97  | 85.2      | 20.6883 | 17.6469 |
| 2009 | 6     | 24  | 5    | 42     | 15     | 0.3       | 3       | 0.95  | 84.9      | 20.6883 | 17.2248 |
| 2009 | 6     | 24  | 5    | 52     | 15     | 0.3       | 3       | 0.98  | 85.8      | 20.6653 | 17.7476 |
| 2009 | 6     | 24  | 6    | 2      | 15     | 0.3       | 3       | 0.97  | 85.3      | 20.6653 | 17.5066 |
| 2009 | 6     | 24  | 6    | 12     | 15     | 0.3       | 3       | 1     | 85.3      | 20.6653 | 18.1091 |
| 2009 | 6     | 24  | 6    | 22     | 15     | 0.3       | 3       | 0.98  | 83.6      | 20.6653 | 17.6271 |
| 2009 | 6     | 24  | 6    | 32     | 15     | 0.3       | 3       | 0.99  | 85.8      | 20.6653 | 17.9283 |
| 2009 | 6     | 24  | 6    | 42     | 15     | 0.3       | 3       | 1.03  | 89.8      | 20.6653 | 18.6516 |
| 2009 | 6     | 24  | 6    | 52     | 15     | 0.3       | 3       | 0.98  | 84.6      | 20.6653 | 17.6271 |
| 2009 | 6     | 24  | 7    | 2      | 15     | 0.3       | 3       | 0.97  | 84.2      | 20.6653 | 17.5066 |
| 2009 | 6     | 24  | 7    | 12     | 15     | 0.3       | 3       | 1.02  | 86.9      | 20.6883 | 18.4312 |
| 2009 | 6     | 24  | 7    | 22     | 15     | 0.3       | 3       | 1     | 85.7      | 20.6883 | 18.0692 |
| 2009 | 6     | 24  | 7    | 32     | 15     | 0.3       | 3       | 0.99  | 86.4      | 20.6653 | 17.8681 |
| 2009 | 6     | 24  | 7    | 42     | 15     | 0.3       | 3       | 0.98  | 85        | 20.6653 | 17.6873 |
| 2009 | 6     | 24  | 7    | 52     | 15     | 0.3       | 3       | 1.02  | 85.9      | 20.6653 | 18.4707 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 24  | 8    | 2      | 15     | 0.3       | 3       | 0.98  | 85.8      | 20.6653 | 17.7476 |
| 2009 | 6     | 24  | 8    | 12     | 15     | 0.3       | 3       | 0.99  | 84.1      | 20.6653 | 17.8681 |
| 2009 | 6     | 24  | 8    | 22     | 15     | 0.3       | 3       | 0.97  | 85.9      | 20.6883 | 17.5866 |
| 2009 | 6     | 24  | 8    | 32     | 15     | 0.3       | 3       | 0.99  | 85.5      | 20.6653 | 17.9886 |
| 2009 | 6     | 24  | 8    | 42     | 15     | 0.3       | 3       | 0.97  | 85.2      | 20.6653 | 17.6271 |
| 2009 | 6     | 24  | 8    | 52     | 15     | 0.3       | 3       | 0.95  | 90.8      | 20.6653 | 17.3259 |
| 2009 | 6     | 24  | 9    | 2      | 15     | 0.3       | 3       | 1.01  | 84        | 20.6653 | 18.1694 |
| 2009 | 6     | 24  | 9    | 12     | 15     | 0.3       | 3       | 1     | 88.3      | 20.6653 | 18.1091 |
| 2009 | 6     | 24  | 9    | 22     | 15     | 0.3       | 3       | 1.02  | 87.4      | 20.6653 | 18.4707 |
| 2009 | 6     | 24  | 9    | 32     | 15     | 0.3       | 3       | 0.98  | 82.5      | 20.6883 | 17.5866 |
| 2009 | 6     | 24  | 9    | 42     | 15     | 0.3       | 3       | 0.96  | 85.3      | 20.6883 | 17.4057 |
| 2009 | 6     | 24  | 9    | 52     | 15     | 0.3       | 3       | 1     | 85.1      | 20.6883 | 18.1295 |
| 2009 | 6     | 24  | 10   | 2      | 15     | 0.3       | 3       | 1.02  | 87.6      | 20.6883 | 18.6123 |
| 2009 | 6     | 24  | 10   | 12     | 15     | 0.3       | 3       | 1     | 87.2      | 20.6883 | 18.0692 |
| 2009 | 6     | 24  | 10   | 22     | 15     | 0.3       | 3       | 0.99  | 87        | 20.6883 | 17.9485 |
| 2009 | 6     | 24  | 10   | 32     | 15     | 0.3       | 3       | 0.93  | 85.1      | 20.6883 | 16.7425 |
| 2009 | 6     | 24  | 10   | 42     | 15     | 0.3       | 3       | 0.99  | 86        | 20.6883 | 17.9485 |
| 2009 | 6     | 24  | 10   | 52     | 15     | 0.3       | 3       | 1.01  | 85.1      | 20.6883 | 18.2502 |
| 2009 | 6     | 24  | 11   | 2      | 15     | 0.3       | 3       | 0.98  | 85.8      | 20.6883 | 17.7676 |
| 2009 | 6     | 24  | 11   | 12     | 15     | 0.3       | 3       | 1.02  | 86.9      | 20.6883 | 18.5519 |
| 2009 | 6     | 24  | 11   | 22     | 15     | 0.3       | 3       | 0.99  | 87.3      | 20.6883 | 17.9485 |
| 2009 | 6     | 24  | 11   | 32     | 15     | 0.3       | 3       | 0.97  | 87.3      | 20.6883 | 17.5263 |
| 2009 | 6     | 24  | 11   | 42     | 15     | 0.3       | 3       | 0.98  | 88.5      | 20.6883 | 17.7676 |
| 2009 | 6     | 24  | 11   | 52     | 15     | 0.3       | 3       | 0.98  | 85.8      | 20.6883 | 17.7073 |
| 2009 | 6     | 24  | 12   | 2      | 15     | 0.3       | 3       | 1.01  | 89.1      | 20.6883 | 18.4312 |
| 2009 | 6     | 24  | 12   | 12     | 15     | 0.3       | 3       | 0.99  | 90        | 20.6883 | 18.0089 |
| 2009 | 6     | 24  | 12   | 22     | 15     | 0.3       | 3       | 1.03  | 90        | 20.6653 | 18.7722 |
| 2009 | 6     | 24  | 12   | 32     | 15     | 0.3       | 3       | 1.02  | 89.4      | 20.6653 | 18.4707 |
| 2009 | 6     | 24  | 12   | 42     | 15     | 0.3       | 3       | 1.01  | 88.5      | 20.6653 | 18.3502 |
| 2009 | 6     | 24  | 12   | 52     | 15     | 0.3       | 3       | 0.96  | 89.2      | 20.6883 | 17.466  |
| 2009 | 6     | 24  | 13   | 2      | 15     | 0.3       | 3       | 1     | 87.9      | 20.6653 | 18.2297 |
| 2009 | 6     | 24  | 13   | 12     | 15     | 0.3       | 3       | 0.98  | 87.1      | 20.6653 | 17.8078 |
| 2009 | 6     | 24  | 13   | 22     | 15     | 0.3       | 3       | 1.02  | 86.9      | 20.6424 | 18.5101 |
| 2009 | 6     | 24  | 13   | 32     | 15     | 0.3       | 3       | 1.03  | 88.4      | 20.6653 | 18.6516 |
| 2009 | 6     | 24  | 13   | 42     | 15     | 0.3       | 3       | 1.01  | 86.8      | 20.6653 | 18.2899 |
| 2009 | 6     | 24  | 13   | 52     | 15     | 0.3       | 3       | 1.02  | 87.2      | 20.6195 | 18.4892 |
| 2009 | 6     | 24  | 14   | 2      | 15     | 0.3       | 3       | 1.01  | 87.8      | 20.6195 | 18.2487 |
| 2009 | 6     | 24  | 14   | 12     | 15     | 0.3       | 3       | 1     | 89.6      | 20.6653 | 18.1091 |
| 2009 | 6     | 24  | 14   | 22     | 15     | 0.3       | 3       | 0.95  | 88.2      | 20.6424 | 17.1259 |
| 2009 | 6     | 24  | 14   | 32     | 15     | 0.3       | 3       | 1.01  | 86.6      | 20.6424 | 18.2693 |
| 2009 | 6     | 24  | 14   | 42     | 15     | 0.3       | 3       | 0.99  | 88.5      | 20.5966 | 17.9278 |
| 2009 | 6     | 24  | 14   | 52     | 15     | 0.3       | 3       | 0.99  | 86.6      | 20.6195 | 17.948  |
| 2009 | 6     | 24  | 15   | 2      | 15     | 0.3       | 3       | 1.01  | 89.3      | 20.5966 | 18.3482 |
| 2009 | 6     | 24  | 15   | 12     | 15     | 0.3       | 3       | 0.98  | 87.9      | 20.5966 | 17.8076 |
| 2009 | 6     | 24  | 15   | 22     | 15     | 0.3       | 3       | 0.97  | 87.7      | 20.5736 | 17.5476 |
| 2009 | 6     | 24  | 15   | 32     | 15     | 0.3       | 3       | 0.98  | 87.9      | 20.5736 | 17.6076 |
| 2009 | 6     | 24  | 15   | 42     | 15     | 0.3       | 3       | 1.01  | 88.3      | 20.5966 | 18.2881 |
| 2009 | 6     | 24  | 15   | 52     | 15     | 0.3       | 3       | 1.01  | 88.5      | 20.5736 | 18.2675 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 24  | 16   | 2      | 15     | 0.3       | 3       | 1.01  | 85.2      | 20.5507 | 18.2468 |
| 2009 | 6     | 24  | 16   | 12     | 15     | 0.3       | 3       | 1.02  | 89.8      | 20.5736 | 18.5075 |
| 2009 | 6     | 24  | 16   | 22     | 15     | 0.3       | 3       | 0.95  | 85.5      | 20.5507 | 17.1683 |
| 2009 | 6     | 24  | 16   | 32     | 15     | 0.3       | 3       | 1     | 87.4      | 20.5736 | 17.9675 |
| 2009 | 6     | 24  | 16   | 42     | 15     | 0.3       | 3       | 1     | 85.8      | 20.5507 | 17.9471 |
| 2009 | 6     | 24  | 16   | 52     | 15     | 0.3       | 3       | 0.98  | 87.1      | 20.5736 | 17.7275 |
| 2009 | 6     | 24  | 17   | 2      | 15     | 0.3       | 3       | 0.97  | 86.9      | 20.5507 | 17.4678 |
| 2009 | 6     | 24  | 17   | 12     | 15     | 0.3       | 3       | 0.97  | 84.7      | 20.5507 | 17.348  |
| 2009 | 6     | 24  | 17   | 22     | 15     | 0.3       | 3       | 0.99  | 87.1      | 20.5507 | 17.8273 |
| 2009 | 6     | 24  | 17   | 32     | 15     | 0.3       | 3       | 0.97  | 86.5      | 20.5278 | 17.448  |
| 2009 | 6     | 24  | 17   | 42     | 15     | 0.3       | 3       | 0.96  | 87.7      | 20.5278 | 17.3283 |
| 2009 | 6     | 24  | 17   | 52     | 15     | 0.3       | 3       | 0.98  | 84.8      | 20.5278 | 17.5677 |
| 2009 | 6     | 24  | 18   | 2      | 15     | 0.3       | 3       | 0.95  | 84.6      | 20.5278 | 16.9694 |
| 2009 | 6     | 24  | 18   | 12     | 15     | 0.3       | 3       | 1     | 87        | 20.5048 | 18.026  |
| 2009 | 6     | 24  | 18   | 22     | 15     | 0.3       | 3       | 1.01  | 86.1      | 20.5278 | 18.2261 |
| 2009 | 6     | 24  | 18   | 32     | 15     | 0.3       | 3       | 0.99  | 87.3      | 20.5048 | 17.8466 |
| 2009 | 6     | 24  | 18   | 42     | 15     | 0.3       | 3       | 0.99  | 85.1      | 20.5048 | 17.8466 |
| 2009 | 6     | 24  | 18   | 52     | 15     | 0.3       | 3       | 1.01  | 85.7      | 20.5048 | 18.0858 |
| 2009 | 6     | 24  | 19   | 2      | 15     | 0.3       | 3       | 1     | 86.6      | 20.4819 | 18.0055 |
| 2009 | 6     | 24  | 19   | 12     | 15     | 0.3       | 3       | 0.98  | 87.5      | 20.5048 | 17.6075 |
| 2009 | 6     | 24  | 19   | 22     | 15     | 0.3       | 3       | 0.96  | 83.9      | 20.4819 | 17.1099 |
| 2009 | 6     | 24  | 19   | 32     | 15     | 0.3       | 3       | 1.02  | 86.1      | 20.5048 | 18.3848 |
| 2009 | 6     | 24  | 19   | 42     | 15     | 0.3       | 3       | 0.97  | 87.1      | 20.4819 | 17.3487 |
| 2009 | 6     | 24  | 19   | 52     | 15     | 0.3       | 3       | 0.98  | 86.7      | 20.4819 | 17.6472 |
| 2009 | 6     | 24  | 20   | 2      | 15     | 0.3       | 3       | 0.97  | 83        | 20.4819 | 17.3487 |
| 2009 | 6     | 24  | 20   | 12     | 15     | 0.3       | 3       | 0.97  | 84.6      | 20.4819 | 17.4084 |
| 2009 | 6     | 24  | 20   | 22     | 15     | 0.3       | 3       | 0.96  | 86.5      | 20.4819 | 17.1696 |
| 2009 | 6     | 24  | 20   | 32     | 15     | 0.3       | 3       | 1.02  | 86.5      | 20.4819 | 18.2444 |
| 2009 | 6     | 24  | 20   | 42     | 15     | 0.3       | 3       | 1     | 82.5      | 20.4819 | 17.8861 |
| 2009 | 6     | 24  | 20   | 52     | 15     | 0.3       | 3       | 0.97  | 87.1      | 20.4819 | 17.3487 |
| 2009 | 6     | 24  | 21   | 2      | 15     | 0.3       | 3       | 0.99  | 83.2      | 20.4819 | 17.7069 |
| 2009 | 6     | 24  | 21   | 12     | 15     | 0.3       | 3       | 0.97  | 84        | 20.4819 | 17.3487 |
| 2009 | 6     | 24  | 21   | 22     | 15     | 0.3       | 3       | 0.96  | 84.7      | 20.4819 | 17.1099 |
| 2009 | 6     | 24  | 21   | 32     | 15     | 0.3       | 3       | 0.96  | 86.7      | 20.4819 | 17.2293 |
| 2009 | 6     | 24  | 21   | 42     | 15     | 0.3       | 3       | 0.98  | 84.8      | 20.4819 | 17.6472 |
| 2009 | 6     | 24  | 21   | 52     | 15     | 0.3       | 3       | 0.97  | 82.3      | 20.4819 | 17.3487 |
| 2009 | 6     | 24  | 22   | 2      | 15     | 0.3       | 3       | 0.97  | 85.3      | 20.4819 | 17.3487 |
| 2009 | 6     | 24  | 22   | 12     | 15     | 0.3       | 3       | 0.98  | 86.4      | 20.4819 | 17.5875 |
| 2009 | 6     | 24  | 22   | 22     | 15     | 0.3       | 3       | 1     | 86.6      | 20.4819 | 17.8861 |
| 2009 | 6     | 24  | 22   | 32     | 15     | 0.3       | 3       | 0.95  | 84.7      | 20.4819 | 17.0502 |
| 2009 | 6     | 24  | 22   | 42     | 15     | 0.3       | 3       | 0.96  | 87.3      | 20.4819 | 17.289  |
| 2009 | 6     | 24  | 22   | 52     | 15     | 0.3       | 3       | 0.98  | 84.8      | 20.4819 | 17.5278 |
| 2009 | 6     | 24  | 23   | 2      | 15     | 0.3       | 3       | 0.94  | 85.4      | 20.4819 | 16.9309 |
| 2009 | 6     | 24  | 23   | 12     | 15     | 0.3       | 3       | 1     | 85.7      | 20.4819 | 17.8861 |
| 2009 | 6     | 24  | 23   | 22     | 15     | 0.3       | 3       | 0.94  | 85        | 20.4819 | 16.7518 |
| 2009 | 6     | 24  | 23   | 32     | 15     | 0.3       | 3       | 0.97  | 85        | 20.4819 | 17.4681 |
| 2009 | 6     | 24  | 23   | 42     | 15     | 0.3       | 3       | 1     | 86.4      | 20.4819 | 17.9458 |
| 2009 | 6     | 24  | 23   | 52     | 15     | 0.3       | 3       | 0.95  | 83.7      | 20.5048 | 17.0696 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 25  | 0    | 2      | 15     | 0.3       | 3       | 1     | 86.6      | 20.4819 | 17.9458 |
| 2009 | 6     | 25  | 0    | 12     | 15     | 0.3       | 3       | 1.01  | 85.3      | 20.5048 | 18.1456 |
| 2009 | 6     | 25  | 0    | 22     | 15     | 0.3       | 3       | 0.98  | 83.4      | 20.5048 | 17.488  |
| 2009 | 6     | 25  | 0    | 32     | 15     | 0.3       | 3       | 0.95  | 85.6      | 20.5048 | 17.0696 |
| 2009 | 6     | 25  | 0    | 42     | 15     | 0.3       | 3       | 1     | 85.7      | 20.5048 | 18.026  |
| 2009 | 6     | 25  | 0    | 52     | 15     | 0.3       | 3       | 0.97  | 86.1      | 20.5048 | 17.4282 |
| 2009 | 6     | 25  | 1    | 2      | 15     | 0.3       | 3       | 0.97  | 83.6      | 20.5048 | 17.4282 |
| 2009 | 6     | 25  | 1    | 12     | 15     | 0.3       | 3       | 0.99  | 85.6      | 20.5048 | 17.7271 |
| 2009 | 6     | 25  | 1    | 22     | 15     | 0.3       | 3       | 0.96  | 85.1      | 20.5278 | 17.3283 |
| 2009 | 6     | 25  | 1    | 32     | 15     | 0.3       | 3       | 0.96  | 85.1      | 20.5278 | 17.2685 |
| 2009 | 6     | 25  | 1    | 42     | 15     | 0.3       | 3       | 0.93  | 84.1      | 20.5048 | 16.5917 |
| 2009 | 6     | 25  | 1    | 52     | 15     | 0.3       | 3       | 1     | 84.7      | 20.5048 | 17.9064 |
| 2009 | 6     | 25  | 2    | 2      | 15     | 0.3       | 3       | 1     | 84.3      | 20.5048 | 17.9064 |
| 2009 | 6     | 25  | 2    | 12     | 15     | 0.3       | 3       | 0.97  | 85.9      | 20.5048 | 17.488  |
| 2009 | 6     | 25  | 2    | 22     | 15     | 0.3       | 3       | 0.96  | 86.1      | 20.5278 | 17.3283 |
| 2009 | 6     | 25  | 2    | 32     | 15     | 0.3       | 3       | 0.99  | 86.2      | 20.5278 | 17.8669 |
| 2009 | 6     | 25  | 2    | 42     | 15     | 0.3       | 3       | 1.01  | 85.5      | 20.5278 | 18.1662 |
| 2009 | 6     | 25  | 2    | 52     | 15     | 0.3       | 3       | 0.97  | 86.3      | 20.5278 | 17.3882 |
| 2009 | 6     | 25  | 3    | 2      | 15     | 0.3       | 3       | 0.96  | 85.7      | 20.5278 | 17.2685 |
| 2009 | 6     | 25  | 3    | 12     | 15     | 0.3       | 3       | 0.98  | 86.4      | 20.5278 | 17.6874 |
| 2009 | 6     | 25  | 3    | 22     | 15     | 0.3       | 3       | 0.98  | 86.7      | 20.5507 | 17.5876 |
| 2009 | 6     | 25  | 3    | 32     | 15     | 0.3       | 3       | 1     | 84.2      | 20.5507 | 17.9471 |
| 2009 | 6     | 25  | 3    | 42     | 15     | 0.3       | 3       | 0.97  | 83.2      | 20.5507 | 17.348  |
| 2009 | 6     | 25  | 3    | 52     | 15     | 0.3       | 3       | 1.01  | 84.4      | 20.5736 | 18.1475 |
| 2009 | 6     | 25  | 4    | 2      | 15     | 0.3       | 3       | 0.99  | 84.7      | 20.5736 | 17.8475 |
| 2009 | 6     | 25  | 4    | 12     | 15     | 0.3       | 3       | 0.97  | 84.8      | 20.5736 | 17.4876 |
| 2009 | 6     | 25  | 4    | 22     | 15     | 0.3       | 3       | 1.02  | 86.7      | 20.5966 | 18.4083 |
| 2009 | 6     | 25  | 4    | 32     | 15     | 0.3       | 3       | 0.97  | 83.6      | 20.5966 | 17.3873 |
| 2009 | 6     | 25  | 4    | 42     | 15     | 0.3       | 3       | 0.99  | 85.8      | 20.5966 | 17.9278 |
| 2009 | 6     | 25  | 4    | 52     | 15     | 0.3       | 3       | 0.99  | 88.3      | 20.5966 | 17.8677 |
| 2009 | 6     | 25  | 5    | 2      | 15     | 0.3       | 3       | 0.99  | 88.3      | 20.5966 | 17.8677 |
| 2009 | 6     | 25  | 5    | 12     | 15     | 0.3       | 3       | 0.95  | 81.7      | 20.6195 | 17.0464 |
| 2009 | 6     | 25  | 5    | 22     | 15     | 0.3       | 3       | 0.97  | 84.5      | 20.6195 | 17.407  |
| 2009 | 6     | 25  | 5    | 32     | 15     | 0.3       | 3       | 0.98  | 87.5      | 20.5966 | 17.7476 |
| 2009 | 6     | 25  | 5    | 42     | 15     | 0.3       | 3       | 1.03  | 88.4      | 20.6195 | 18.6095 |
| 2009 | 6     | 25  | 5    | 52     | 15     | 0.3       | 3       | 0.97  | 86.1      | 20.5966 | 17.5675 |
| 2009 | 6     | 25  | 6    | 2      | 15     | 0.3       | 3       | 1     | 87        | 20.6195 | 18.1284 |
| 2009 | 6     | 25  | 6    | 12     | 15     | 0.3       | 3       | 0.98  | 84.3      | 20.6195 | 17.7076 |
| 2009 | 6     | 25  | 6    | 22     | 15     | 0.3       | 3       | 1.01  | 85.9      | 20.6195 | 18.3088 |
| 2009 | 6     | 25  | 6    | 32     | 15     | 0.3       | 3       | 0.95  | 86        | 20.6195 | 17.1065 |
| 2009 | 6     | 25  | 6    | 42     | 15     | 0.3       | 3       | 0.96  | 83.2      | 20.6195 | 17.3469 |
| 2009 | 6     | 25  | 6    | 52     | 15     | 0.3       | 3       | 0.98  | 85.2      | 20.6195 | 17.7677 |
| 2009 | 6     | 25  | 7    | 2      | 15     | 0.3       | 3       | 0.95  | 84.5      | 20.6195 | 17.1666 |
| 2009 | 6     | 25  | 7    | 12     | 15     | 0.3       | 3       | 1.01  | 83.5      | 20.6195 | 18.2487 |
| 2009 | 6     | 25  | 7    | 22     | 15     | 0.3       | 3       | 0.98  | 87.1      | 20.6195 | 17.7677 |
| 2009 | 6     | 25  | 7    | 32     | 15     | 0.3       | 3       | 1     | 86.6      | 20.6195 | 18.0082 |
| 2009 | 6     | 25  | 7    | 42     | 15     | 0.3       | 3       | 0.97  | 86.7      | 20.6195 | 17.4671 |
| 2009 | 6     | 25  | 7    | 52     | 15     | 0.3       | 3       | 0.98  | 85        | 20.6195 | 17.7076 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 25  | 8    | 2      | 15     | 0.3       | 3       | 0.99  | 84.3      | 20.6195 | 17.7677 |
| 2009 | 6     | 25  | 8    | 12     | 15     | 0.3       | 3       | 0.95  | 85        | 20.6195 | 17.1065 |
| 2009 | 6     | 25  | 8    | 22     | 15     | 0.3       | 3       | 0.98  | 87.1      | 20.6195 | 17.7076 |
| 2009 | 6     | 25  | 8    | 32     | 15     | 0.3       | 3       | 0.96  | 86.5      | 20.6424 | 17.4267 |
| 2009 | 6     | 25  | 8    | 42     | 15     | 0.3       | 3       | 0.98  | 84.6      | 20.6424 | 17.6072 |
| 2009 | 6     | 25  | 8    | 52     | 15     | 0.3       | 3       | 0.95  | 85.7      | 20.6424 | 17.2462 |
| 2009 | 6     | 25  | 9    | 2      | 15     | 0.3       | 3       | 1.01  | 86.7      | 20.6424 | 18.3295 |
| 2009 | 6     | 25  | 9    | 12     | 15     | 0.3       | 3       | 0.97  | 85        | 20.6424 | 17.547  |
| 2009 | 6     | 25  | 9    | 22     | 15     | 0.3       | 3       | 1     | 86.2      | 20.6424 | 18.0887 |
| 2009 | 6     | 25  | 9    | 32     | 15     | 0.3       | 3       | 0.97  | 86.5      | 20.6424 | 17.6072 |
| 2009 | 6     | 25  | 9    | 42     | 15     | 0.3       | 3       | 0.97  | 86.7      | 20.6424 | 17.547  |
| 2009 | 6     | 25  | 9    | 52     | 15     | 0.3       | 3       | 1     | 87        | 20.6424 | 18.0887 |
| 2009 | 6     | 25  | 10   | 2      | 15     | 0.3       | 3       | 0.96  | 87.7      | 20.6424 | 17.4267 |
| 2009 | 6     | 25  | 10   | 12     | 15     | 0.3       | 3       | 0.96  | 87.8      | 20.6424 | 17.3063 |
| 2009 | 6     | 25  | 10   | 22     | 15     | 0.3       | 3       | 0.97  | 86.7      | 20.6424 | 17.547  |
| 2009 | 6     | 25  | 10   | 32     | 15     | 0.3       | 3       | 1     | 89.3      | 20.6424 | 18.2091 |
| 2009 | 6     | 25  | 10   | 42     | 15     | 0.3       | 3       | 1.01  | 88.3      | 20.6424 | 18.3897 |
| 2009 | 6     | 25  | 10   | 52     | 15     | 0.3       | 3       | 1.01  | 89.3      | 20.6424 | 18.3897 |
| 2009 | 6     | 25  | 11   | 2      | 15     | 0.3       | 3       | 0.98  | 86        | 20.6424 | 17.7878 |
| 2009 | 6     | 25  | 11   | 12     | 15     | 0.3       | 3       | 0.98  | 87.3      | 20.6424 | 17.7878 |
| 2009 | 6     | 25  | 11   | 22     | 15     | 0.3       | 3       | 1.01  | 87.8      | 20.6424 | 18.3295 |
| 2009 | 6     | 25  | 11   | 32     | 15     | 0.3       | 3       | 1     | 87.5      | 20.6424 | 18.0285 |
| 2009 | 6     | 25  | 11   | 42     | 15     | 0.3       | 3       | 1.02  | 88.2      | 20.6424 | 18.5704 |
| 2009 | 6     | 25  | 11   | 52     | 15     | 0.3       | 3       | 1     | 86.4      | 20.6195 | 18.0683 |
| 2009 | 6     | 25  | 12   | 2      | 15     | 0.3       | 3       | 1     | 86.4      | 20.6195 | 18.0683 |
| 2009 | 6     | 25  | 12   | 12     | 15     | 0.3       | 3       | 0.97  | 86.7      | 20.5966 | 17.5675 |
| 2009 | 6     | 25  | 12   | 22     | 15     | 0.3       | 3       | 1     | 89.1      | 20.5966 | 18.1079 |
| 2009 | 6     | 25  | 12   | 32     | 15     | 0.3       | 3       | 1.01  | 83.8      | 20.6195 | 18.1284 |
| 2009 | 6     | 25  | 12   | 42     | 15     | 0.3       | 3       | 1.03  | 85.6      | 20.6195 | 18.6697 |
| 2009 | 6     | 25  | 12   | 52     | 15     | 0.3       | 3       | 0.98  | 86.4      | 20.6195 | 17.7076 |
| 2009 | 6     | 25  | 13   | 2      | 15     | 0.3       | 3       | 1.01  | 84.4      | 20.6424 | 18.2693 |
| 2009 | 6     | 25  | 13   | 12     | 15     | 0.3       | 3       | 1.02  | 84.3      | 20.6195 | 18.4291 |
| 2009 | 6     | 25  | 13   | 22     | 15     | 0.3       | 3       | 0.96  | 84.3      | 20.6424 | 17.3665 |
| 2009 | 6     | 25  | 13   | 32     | 15     | 0.3       | 3       | 1.01  | 88.1      | 20.6195 | 18.2487 |
| 2009 | 6     | 25  | 13   | 42     | 15     | 0.3       | 3       | 0.98  | 87.1      | 20.5966 | 17.7476 |
| 2009 | 6     | 25  | 13   | 52     | 15     | 0.3       | 3       | 0.99  | 85        | 20.5966 | 17.8076 |
| 2009 | 6     | 25  | 14   | 2      | 15     | 0.3       | 3       | 1.03  | 85.1      | 20.5966 | 18.6486 |
| 2009 | 6     | 25  | 14   | 12     | 15     | 0.3       | 3       | 1     | 85.9      | 20.5736 | 18.0275 |
| 2009 | 6     | 25  | 14   | 22     | 15     | 0.3       | 3       | 1.02  | 87.2      | 20.5966 | 18.4684 |
| 2009 | 6     | 25  | 14   | 32     | 15     | 0.3       | 3       | 1.01  | 84.2      | 20.6424 | 18.2693 |
| 2009 | 6     | 25  | 14   | 42     | 15     | 0.3       | 3       | 0.95  | 84.4      | 20.6195 | 17.0464 |
| 2009 | 6     | 25  | 14   | 52     | 15     | 0.3       | 3       | 0.95  | 82.4      | 20.5966 | 16.9672 |
| 2009 | 6     | 25  | 15   | 2      | 15     | 0.3       | 3       | 1     | 86.2      | 20.5966 | 18.0479 |
| 2009 | 6     | 25  | 15   | 12     | 15     | 0.3       | 3       | 1.02  | 85.2      | 20.5507 | 18.3666 |
| 2009 | 6     | 25  | 15   | 22     | 15     | 0.3       | 3       | 1     | 87        | 20.5736 | 18.0875 |
| 2009 | 6     | 25  | 15   | 32     | 15     | 0.3       | 3       | 0.98  | 86.9      | 20.5507 | 17.5876 |
| 2009 | 6     | 25  | 15   | 42     | 15     | 0.3       | 3       | 1     | 86.2      | 20.5507 | 18.007  |
| 2009 | 6     | 25  | 15   | 52     | 15     | 0.3       | 3       | 0.99  | 87.5      | 20.5966 | 17.9278 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 25  | 16   | 2      | 15     | 0.3       | 3       | 1.01  | 85.2      | 20.5736 | 18.2074 |
| 2009 | 6     | 25  | 16   | 12     | 15     | 0.3       | 3       | 1     | 85.5      | 20.5278 | 18.0465 |
| 2009 | 6     | 25  | 16   | 22     | 15     | 0.3       | 3       | 0.98  | 86.6      | 20.5278 | 17.6874 |
| 2009 | 6     | 25  | 16   | 32     | 15     | 0.3       | 3       | 1.02  | 86.1      | 20.5736 | 18.3875 |
| 2009 | 6     | 25  | 16   | 42     | 15     | 0.3       | 3       | 0.98  | 87.1      | 20.5736 | 17.6675 |
| 2009 | 6     | 25  | 16   | 52     | 15     | 0.3       | 3       | 1.01  | 86.3      | 20.5278 | 18.1662 |
| 2009 | 6     | 25  | 17   | 2      | 15     | 0.3       | 3       | 0.99  | 83        | 20.5278 | 17.7472 |
| 2009 | 6     | 25  | 17   | 12     | 15     | 0.3       | 3       | 1     | 87.4      | 20.5507 | 18.067  |
| 2009 | 6     | 25  | 17   | 22     | 15     | 0.3       | 3       | 0.98  | 87.5      | 20.5278 | 17.6275 |
| 2009 | 6     | 25  | 17   | 32     | 15     | 0.3       | 3       | 1.01  | 85.5      | 20.5278 | 18.2261 |
| 2009 | 6     | 25  | 17   | 42     | 15     | 0.3       | 3       | 0.99  | 86.4      | 20.5507 | 17.7674 |
| 2009 | 6     | 25  | 17   | 52     | 15     | 0.3       | 3       | 0.97  | 87.1      | 20.5507 | 17.5277 |
| 2009 | 6     | 25  | 18   | 2      | 15     | 0.3       | 3       | 1.02  | 87        | 20.5278 | 18.3458 |
| 2009 | 6     | 25  | 18   | 12     | 15     | 0.3       | 3       | 0.99  | 88.7      | 20.5278 | 17.8669 |
| 2009 | 6     | 25  | 18   | 22     | 15     | 0.3       | 3       | 1.02  | 88.9      | 20.5278 | 18.4057 |
| 2009 | 6     | 25  | 18   | 32     | 15     | 0.3       | 3       | 1.03  | 86.3      | 20.5278 | 18.4656 |
| 2009 | 6     | 25  | 18   | 42     | 15     | 0.3       | 3       | 1.03  | 86.7      | 20.5278 | 18.4656 |
| 2009 | 6     | 25  | 18   | 52     | 15     | 0.3       | 3       | 0.97  | 86.3      | 20.5278 | 17.448  |
| 2009 | 6     | 25  | 19   | 2      | 15     | 0.3       | 3       | 0.99  | 85.4      | 20.5278 | 17.8071 |
| 2009 | 6     | 25  | 19   | 12     | 15     | 0.3       | 3       | 1.05  | 86.1      | 20.5048 | 18.9231 |
| 2009 | 6     | 25  | 19   | 22     | 15     | 0.3       | 3       | 1.01  | 87.4      | 20.5278 | 18.2261 |
| 2009 | 6     | 25  | 19   | 32     | 15     | 0.3       | 3       | 1     | 87.9      | 20.5278 | 18.0465 |
| 2009 | 6     | 25  | 19   | 42     | 15     | 0.3       | 3       | 0.99  | 86.4      | 20.5278 | 17.7472 |
| 2009 | 6     | 25  | 19   | 52     | 15     | 0.3       | 3       | 0.96  | 85.7      | 20.5278 | 17.2685 |
| 2009 | 6     | 25  | 20   | 2      | 15     | 0.3       | 3       | 0.96  | 84.1      | 20.5507 | 17.1683 |
| 2009 | 6     | 25  | 20   | 12     | 15     | 0.3       | 3       | 0.97  | 85.7      | 20.5507 | 17.4678 |
| 2009 | 6     | 25  | 20   | 22     | 15     | 0.3       | 3       | 0.99  | 84.9      | 20.5507 | 17.7674 |
| 2009 | 6     | 25  | 20   | 32     | 15     | 0.3       | 3       | 0.91  | 87.9      | 20.5507 | 16.3899 |
| 2009 | 6     | 25  | 20   | 42     | 15     | 0.3       | 3       | 0.98  | 83.9      | 20.5507 | 17.6475 |
| 2009 | 6     | 25  | 20   | 52     | 15     | 0.3       | 3       | 1     | 84.9      | 20.5736 | 18.0275 |
| 2009 | 6     | 25  | 21   | 2      | 15     | 0.3       | 3       | 0.98  | 84        | 20.5736 | 17.6076 |
| 2009 | 6     | 25  | 21   | 12     | 15     | 0.3       | 3       | 1.01  | 86.4      | 20.5966 | 18.168  |
| 2009 | 6     | 25  | 21   | 22     | 15     | 0.3       | 3       | 0.97  | 84.6      | 20.5966 | 17.5074 |
| 2009 | 6     | 25  | 21   | 32     | 15     | 0.3       | 3       | 1.01  | 86.1      | 20.6195 | 18.3088 |
| 2009 | 6     | 25  | 21   | 42     | 15     | 0.3       | 3       | 0.99  | 83.6      | 20.6195 | 17.8879 |
| 2009 | 6     | 25  | 21   | 52     | 15     | 0.3       | 3       | 0.97  | 84.8      | 20.6195 | 17.5272 |
| 2009 | 6     | 25  | 22   | 2      | 15     | 0.3       | 3       | 0.96  | 83.9      | 20.6195 | 17.2868 |
| 2009 | 6     | 25  | 22   | 12     | 15     | 0.3       | 3       | 0.94  | 82.2      | 20.6424 | 16.8852 |
| 2009 | 6     | 25  | 22   | 22     | 15     | 0.3       | 3       | 0.98  | 84.8      | 20.6424 | 17.7276 |
| 2009 | 6     | 25  | 22   | 32     | 15     | 0.3       | 3       | 0.97  | 85.3      | 20.6424 | 17.4869 |
| 2009 | 6     | 25  | 22   | 42     | 15     | 0.3       | 3       | 0.99  | 84.3      | 20.6424 | 17.8479 |
| 2009 | 6     | 25  | 22   | 52     | 15     | 0.3       | 3       | 0.98  | 86.9      | 20.6653 | 17.8078 |
| 2009 | 6     | 25  | 23   | 2      | 15     | 0.3       | 3       | 0.98  | 86.7      | 20.6653 | 17.6873 |
| 2009 | 6     | 25  | 23   | 12     | 15     | 0.3       | 3       | 0.99  | 84.9      | 20.6653 | 17.8681 |
| 2009 | 6     | 25  | 23   | 22     | 15     | 0.3       | 3       | 0.99  | 83.1      | 20.6653 | 17.8078 |
| 2009 | 6     | 25  | 23   | 32     | 15     | 0.3       | 3       | 1     | 85.8      | 20.6653 | 18.0489 |
| 2009 | 6     | 25  | 23   | 42     | 15     | 0.3       | 3       | 1     | 84.7      | 20.6653 | 17.9886 |
| 2009 | 6     | 25  | 23   | 52     | 15     | 0.3       | 3       | 1.01  | 86.1      | 20.6883 | 18.2502 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 26  | 0    | 2      | 15     | 0.3       | 3       | 0.98  | 82.9      | 20.6883 | 17.5866 |
| 2009 | 6     | 26  | 0    | 12     | 15     | 0.3       | 3       | 1     | 84.2      | 20.6883 | 18.1295 |
| 2009 | 6     | 26  | 0    | 22     | 15     | 0.3       | 3       | 1.03  | 87.3      | 20.6883 | 18.6726 |
| 2009 | 6     | 26  | 0    | 32     | 15     | 0.3       | 3       | 0.97  | 84.2      | 20.6883 | 17.5866 |
| 2009 | 6     | 26  | 0    | 42     | 15     | 0.3       | 3       | 1.02  | 87.4      | 20.6883 | 18.6123 |
| 2009 | 6     | 26  | 0    | 52     | 15     | 0.3       | 3       | 1     | 85.1      | 20.6883 | 18.1295 |
| 2009 | 6     | 26  | 1    | 2      | 15     | 0.3       | 3       | 0.96  | 83.2      | 20.6883 | 17.4057 |
| 2009 | 6     | 26  | 1    | 12     | 15     | 0.3       | 3       | 0.99  | 83.3      | 20.7112 | 17.9084 |
| 2009 | 6     | 26  | 1    | 22     | 15     | 0.3       | 3       | 1.02  | 82.6      | 20.7112 | 18.452  |
| 2009 | 6     | 26  | 1    | 32     | 15     | 0.3       | 3       | 0.98  | 86.7      | 20.7112 | 17.7272 |
| 2009 | 6     | 26  | 1    | 42     | 15     | 0.3       | 3       | 1.03  | 86        | 20.7112 | 18.6936 |
| 2009 | 6     | 26  | 1    | 52     | 15     | 0.3       | 3       | 1     | 86.6      | 20.7112 | 18.0895 |
| 2009 | 6     | 26  | 2    | 2      | 15     | 0.3       | 3       | 1.01  | 84.8      | 20.7112 | 18.3312 |
| 2009 | 6     | 26  | 2    | 12     | 15     | 0.3       | 3       | 0.97  | 84.8      | 20.7341 | 17.6262 |
| 2009 | 6     | 26  | 2    | 22     | 15     | 0.3       | 3       | 1     | 84.9      | 20.7341 | 18.2308 |
| 2009 | 6     | 26  | 2    | 32     | 15     | 0.3       | 3       | 0.98  | 83.1      | 20.7341 | 17.7471 |
| 2009 | 6     | 26  | 2    | 42     | 15     | 0.3       | 3       | 0.95  | 86.4      | 20.7341 | 17.2032 |
| 2009 | 6     | 26  | 2    | 52     | 15     | 0.3       | 3       | 0.99  | 85.6      | 20.7341 | 17.9285 |
| 2009 | 6     | 26  | 3    | 2      | 15     | 0.3       | 3       | 0.99  | 83.9      | 20.757  | 18.0092 |
| 2009 | 6     | 26  | 3    | 12     | 15     | 0.3       | 3       | 1     | 84.2      | 20.757  | 18.1302 |
| 2009 | 6     | 26  | 3    | 22     | 15     | 0.3       | 3       | 0.97  | 85.4      | 20.78   | 17.7264 |
| 2009 | 6     | 26  | 3    | 32     | 15     | 0.3       | 3       | 0.99  | 86        | 20.78   | 18.0294 |
| 2009 | 6     | 26  | 3    | 42     | 15     | 0.3       | 3       | 1.06  | 85.4      | 20.8029 | 19.2633 |
| 2009 | 6     | 26  | 3    | 52     | 15     | 0.3       | 3       | 1     | 86.8      | 20.8258 | 18.1913 |
| 2009 | 6     | 26  | 4    | 2      | 15     | 0.3       | 3.3     | 1.01  | 85.7      | 20.8487 | 18.394  |
| 2009 | 6     | 26  | 4    | 12     | 15     | 0.3       | 3.3     | 1.03  | 86        | 20.8487 | 18.7589 |
| 2009 | 6     | 26  | 4    | 22     | 15     | 0.3       | 3.3     | 1     | 84        | 20.8716 | 18.2928 |
| 2009 | 6     | 26  | 4    | 32     | 15     | 0.3       | 3.3     | 1.05  | 86.2      | 20.8716 | 19.2062 |
| 2009 | 6     | 26  | 4    | 42     | 15     | 0.3       | 3.3     | 1.02  | 83.7      | 20.8945 | 18.6789 |
| 2009 | 6     | 26  | 4    | 52     | 15     | 0.3       | 3.3     | 1     | 86.4      | 20.8945 | 18.3742 |
| 2009 | 6     | 26  | 5    | 2      | 15     | 0.3       | 3.3     | 0.99  | 83.5      | 20.9175 | 18.0286 |
| 2009 | 6     | 26  | 5    | 12     | 15     | 0.3       | 3.3     | 0.99  | 85.4      | 20.9175 | 18.1506 |
| 2009 | 6     | 26  | 5    | 22     | 15     | 0.3       | 3.3     | 1     | 84.3      | 20.9175 | 18.2726 |
| 2009 | 6     | 26  | 5    | 32     | 15     | 0.3       | 3.3     | 1.01  | 85.7      | 20.9175 | 18.4557 |
| 2009 | 6     | 26  | 5    | 42     | 15     | 0.3       | 3.3     | 1.01  | 86.8      | 20.9404 | 18.5984 |
| 2009 | 6     | 26  | 5    | 52     | 15     | 0.3       | 3.3     | 1.06  | 88.9      | 20.9175 | 19.4322 |
| 2009 | 6     | 26  | 6    | 2      | 15     | 0.3       | 3.3     | 1.03  | 86        | 20.9404 | 18.8427 |
| 2009 | 6     | 26  | 6    | 12     | 15     | 0.3       | 3.3     | 1.03  | 86        | 20.9404 | 18.9038 |
| 2009 | 6     | 26  | 6    | 22     | 15     | 0.3       | 3.3     | 1.04  | 85.5      | 20.9404 | 19.0871 |
| 2009 | 6     | 26  | 6    | 32     | 15     | 0.3       | 3.3     | 1.01  | 84.8      | 20.9404 | 18.5984 |
| 2009 | 6     | 26  | 6    | 42     | 15     | 0.3       | 3.3     | 1     | 85.7      | 20.9633 | 18.3744 |
| 2009 | 6     | 26  | 6    | 52     | 15     | 0.3       | 3.3     | 1.01  | 85.9      | 20.9633 | 18.5579 |
| 2009 | 6     | 26  | 7    | 2      | 15     | 0.3       | 3.3     | 0.99  | 87.5      | 20.9633 | 18.191  |
| 2009 | 6     | 26  | 7    | 12     | 15     | 0.3       | 3.3     | 0.99  | 84.1      | 20.9633 | 18.191  |
| 2009 | 6     | 26  | 7    | 22     | 15     | 0.3       | 3.3     | 0.98  | 85.8      | 20.9633 | 18.0687 |
| 2009 | 6     | 26  | 7    | 32     | 15     | 0.3       | 3.3     | 1.02  | 87        | 20.9862 | 18.7622 |
| 2009 | 6     | 26  | 7    | 42     | 15     | 0.3       | 3.3     | 1.04  | 86.9      | 20.9862 | 19.1908 |
| 2009 | 6     | 26  | 7    | 52     | 15     | 0.3       | 3.3     | 1.02  | 86.7      | 21.0091 | 18.7217 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 26  | 8    | 2      | 15     | 0.3       | 3.3     | 0.98  | 84.8      | 21.0091 | 18.0476 |
| 2009 | 6     | 26  | 8    | 12     | 15     | 0.3       | 3.3     | 1.03  | 86.5      | 21.032  | 18.9265 |
| 2009 | 6     | 26  | 8    | 22     | 15     | 0.3       | 3.3     | 1     | 87        | 21.0549 | 18.4561 |
| 2009 | 6     | 26  | 8    | 32     | 15     | 0.3       | 3.3     | 1     | 85.7      | 21.0549 | 18.4561 |
| 2009 | 6     | 26  | 8    | 42     | 15     | 0.3       | 3.3     | 1     | 84.9      | 21.0778 | 18.4765 |
| 2009 | 6     | 26  | 8    | 52     | 15     | 0.3       | 3.3     | 1.02  | 87.6      | 21.0778 | 18.9684 |
| 2009 | 6     | 26  | 9    | 2      | 15     | 0.3       | 3.3     | 1.04  | 86.5      | 21.1007 | 19.1741 |
| 2009 | 6     | 26  | 9    | 12     | 15     | 0.3       | 3.3     | 0.99  | 85.8      | 21.1236 | 18.2708 |
| 2009 | 6     | 26  | 9    | 22     | 15     | 0.3       | 3.3     | 1.03  | 86        | 21.1236 | 19.0103 |
| 2009 | 6     | 26  | 9    | 32     | 15     | 0.3       | 3.3     | 1.06  | 87.2      | 21.1236 | 19.6268 |
| 2009 | 6     | 26  | 9    | 42     | 15     | 0.3       | 3.3     | 1.02  | 86.9      | 21.1465 | 18.9078 |
| 2009 | 6     | 26  | 9    | 52     | 15     | 0.3       | 3.3     | 1.01  | 84.2      | 21.1465 | 18.7227 |
| 2009 | 6     | 26  | 10   | 2      | 15     | 0.3       | 3.3     | 1.04  | 85.3      | 21.1465 | 19.3398 |
| 2009 | 6     | 26  | 10   | 12     | 15     | 0.3       | 3.3     | 1.05  | 85.9      | 21.1694 | 19.4847 |
| 2009 | 6     | 26  | 10   | 22     | 15     | 0.3       | 3.3     | 1     | 84.3      | 21.1694 | 18.4963 |
| 2009 | 6     | 26  | 10   | 32     | 15     | 0.3       | 3.3     | 1.02  | 86.1      | 21.1694 | 18.8669 |
| 2009 | 6     | 26  | 10   | 42     | 15     | 0.3       | 3.3     | 1.01  | 87.2      | 21.1923 | 18.8258 |
| 2009 | 6     | 26  | 10   | 52     | 15     | 0.3       | 3.3     | 1.05  | 86.9      | 21.1923 | 19.5061 |
| 2009 | 6     | 26  | 11   | 2      | 15     | 0.3       | 3.3     | 1.02  | 86        | 21.1923 | 19.0113 |
| 2009 | 6     | 26  | 11   | 12     | 15     | 0.3       | 3.3     | 1.01  | 82.5      | 21.2152 | 18.6607 |
| 2009 | 6     | 26  | 11   | 22     | 15     | 0.3       | 3.3     | 1.04  | 86        | 21.2152 | 19.4037 |
| 2009 | 6     | 26  | 11   | 32     | 15     | 0.3       | 3.3     | 1     | 84.3      | 21.2152 | 18.4751 |
| 2009 | 6     | 26  | 11   | 42     | 15     | 0.3       | 3.3     | 1.03  | 85.1      | 21.2152 | 19.0941 |
| 2009 | 6     | 26  | 11   | 52     | 15     | 0.3       | 3.3     | 1.05  | 87.7      | 21.2152 | 19.6514 |
| 2009 | 6     | 26  | 12   | 2      | 15     | 0.3       | 3.3     | 1.05  | 86.6      | 21.2381 | 19.6729 |
| 2009 | 6     | 26  | 12   | 12     | 15     | 0.3       | 3.3     | 1.04  | 85.8      | 21.2381 | 19.301  |
| 2009 | 6     | 26  | 12   | 22     | 15     | 0.3       | 3.3     | 1.06  | 86.6      | 21.2381 | 19.7969 |
| 2009 | 6     | 26  | 12   | 32     | 15     | 0.3       | 3.3     | 1.02  | 84.3      | 21.2381 | 18.991  |
| 2009 | 6     | 26  | 12   | 42     | 15     | 0.3       | 3.3     | 1.01  | 86.3      | 21.261  | 18.8257 |
| 2009 | 6     | 26  | 12   | 52     | 15     | 0.3       | 3.3     | 1.05  | 87.8      | 21.261  | 19.5703 |
| 2009 | 6     | 26  | 13   | 2      | 15     | 0.3       | 3.3     | 1.03  | 86.2      | 21.261  | 19.198  |
| 2009 | 6     | 26  | 13   | 12     | 15     | 0.3       | 3.3     | 1.03  | 83.4      | 21.261  | 19.198  |
| 2009 | 6     | 26  | 13   | 22     | 15     | 0.3       | 3.3     | 1.09  | 86.2      | 21.2838 | 20.3996 |
| 2009 | 6     | 26  | 13   | 32     | 15     | 0.3       | 3.3     | 1.03  | 89.5      | 21.2838 | 19.219  |
| 2009 | 6     | 26  | 13   | 42     | 15     | 0.3       | 3.3     | 1.06  | 86.3      | 21.2838 | 19.716  |
| 2009 | 6     | 26  | 13   | 52     | 15     | 0.3       | 3.3     | 1.05  | 86.8      | 21.2838 | 19.716  |
| 2009 | 6     | 26  | 14   | 2      | 15     | 0.3       | 3.3     | 1.09  | 87.8      | 21.2838 | 20.3375 |
| 2009 | 6     | 26  | 14   | 12     | 15     | 0.3       | 3.3     | 1.05  | 86.1      | 21.2838 | 19.6539 |
| 2009 | 6     | 26  | 14   | 22     | 15     | 0.3       | 3.3     | 1.04  | 87.3      | 21.2838 | 19.4054 |
| 2009 | 6     | 26  | 14   | 32     | 15     | 0.3       | 3.3     | 1.06  | 82.9      | 21.3067 | 19.7376 |
| 2009 | 6     | 26  | 14   | 42     | 15     | 0.3       | 3.3     | 1.06  | 90        | 21.3067 | 19.7998 |
| 2009 | 6     | 26  | 14   | 52     | 15     | 0.3       | 3.3     | 1.05  | 88.2      | 21.3067 | 19.6132 |
| 2009 | 6     | 26  | 15   | 2      | 15     | 0.3       | 3.3     | 1.07  | 86.7      | 21.3067 | 19.9864 |
| 2009 | 6     | 26  | 15   | 12     | 15     | 0.3       | 3.3     | 1.07  | 88.4      | 21.3067 | 19.9864 |
| 2009 | 6     | 26  | 15   | 22     | 15     | 0.3       | 3.3     | 1.07  | 85.3      | 21.3067 | 19.9864 |
| 2009 | 6     | 26  | 15   | 32     | 15     | 0.3       | 3.3     | 1.06  | 87.9      | 21.3067 | 19.862  |
| 2009 | 6     | 26  | 15   | 42     | 15     | 0.3       | 3.3     | 1.07  | 89.3      | 21.3067 | 20.1108 |
| 2009 | 6     | 26  | 15   | 52     | 15     | 0.3       | 3.3     | 1     | 85.3      | 21.3296 | 18.7008 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 26  | 16   | 2      | 15     | 0.3       | 3.3     | 1.04  | 85.6      | 21.3296 | 19.3855 |
| 2009 | 6     | 26  | 16   | 12     | 15     | 0.3       | 3.3     | 1.04  | 86.2      | 21.3296 | 19.51   |
| 2009 | 6     | 26  | 16   | 22     | 15     | 0.3       | 3.3     | 1.03  | 85.6      | 21.3296 | 19.1987 |
| 2009 | 6     | 26  | 16   | 32     | 15     | 0.3       | 3.3     | 1.04  | 86.9      | 21.3296 | 19.5723 |
| 2009 | 6     | 26  | 16   | 42     | 15     | 0.3       | 3.3     | 0.99  | 87.1      | 21.3525 | 18.5343 |
| 2009 | 6     | 26  | 16   | 52     | 15     | 0.3       | 3.3     | 1.08  | 87.7      | 21.3296 | 20.1951 |
| 2009 | 6     | 26  | 17   | 2      | 15     | 0.3       | 3.3     | 1.02  | 85.6      | 21.3525 | 19.095  |
| 2009 | 6     | 26  | 17   | 12     | 15     | 0.3       | 3.3     | 1.07  | 86.1      | 21.3525 | 20.0924 |
| 2009 | 6     | 26  | 17   | 22     | 15     | 0.3       | 3.3     | 1.05  | 87.7      | 21.3525 | 19.7183 |
| 2009 | 6     | 26  | 17   | 32     | 15     | 0.3       | 3.3     | 1.07  | 87.7      | 21.3525 | 20.1547 |
| 2009 | 6     | 26  | 17   | 42     | 15     | 0.3       | 3.3     | 1.04  | 85.1      | 21.3525 | 19.5313 |
| 2009 | 6     | 26  | 17   | 52     | 15     | 0.3       | 3.3     | 1.1   | 84.5      | 21.3525 | 20.6536 |
| 2009 | 6     | 26  | 18   | 2      | 15     | 0.3       | 3.3     | 1.06  | 85.9      | 21.3754 | 19.8022 |
| 2009 | 6     | 26  | 18   | 12     | 15     | 0.3       | 3.3     | 1.05  | 85.3      | 21.3525 | 19.656  |
| 2009 | 6     | 26  | 18   | 22     | 15     | 0.3       | 3.3     | 1.08  | 87.1      | 21.3525 | 20.3418 |
| 2009 | 6     | 26  | 18   | 32     | 15     | 0.3       | 3.3     | 1.07  | 85.6      | 21.3754 | 20.1143 |
| 2009 | 6     | 26  | 18   | 42     | 15     | 0.3       | 3.3     | 1.07  | 87.2      | 21.3754 | 20.0518 |
| 2009 | 6     | 26  | 18   | 52     | 15     | 0.3       | 3.3     | 1.05  | 86.1      | 21.3983 | 19.6988 |
| 2009 | 6     | 26  | 19   | 2      | 15     | 0.3       | 3.3     | 1.08  | 86.7      | 21.4211 | 20.4083 |
| 2009 | 6     | 26  | 19   | 12     | 15     | 0.3       | 3.3     | 1.03  | 85.6      | 21.4211 | 19.345  |
| 2009 | 6     | 26  | 19   | 22     | 15     | 0.3       | 3.3     | 1.02  | 84.1      | 21.4211 | 19.0324 |
| 2009 | 6     | 26  | 19   | 32     | 15     | 0.3       | 3.3     | 1.09  | 85.7      | 21.444  | 20.5557 |
| 2009 | 6     | 26  | 19   | 42     | 15     | 0.3       | 3.3     | 1.06  | 86.8      | 21.4669 | 19.951  |
| 2009 | 6     | 26  | 19   | 52     | 15     | 0.3       | 3.3     | 1.04  | 86.7      | 21.4669 | 19.575  |
| 2009 | 6     | 26  | 20   | 2      | 15     | 0.3       | 3.3     | 1.1   | 87.1      | 21.4897 | 20.7886 |
| 2009 | 6     | 26  | 20   | 12     | 15     | 0.3       | 3.3     | 1.09  | 86.7      | 21.4897 | 20.5375 |
| 2009 | 6     | 26  | 20   | 22     | 15     | 0.3       | 3.3     | 1.08  | 85.5      | 21.5126 | 20.434  |
| 2009 | 6     | 26  | 20   | 32     | 15     | 0.3       | 3.3     | 1.07  | 84.6      | 21.5126 | 20.1827 |
| 2009 | 6     | 26  | 20   | 42     | 15     | 0.3       | 3.3     | 1.03  | 86.7      | 21.5126 | 19.429  |
| 2009 | 6     | 26  | 20   | 52     | 15     | 0.3       | 3.3     | 1.1   | 86.2      | 21.5355 | 20.7706 |
| 2009 | 6     | 26  | 21   | 2      | 15     | 0.3       | 3.3     | 1.04  | 86        | 21.5355 | 19.5757 |
| 2009 | 6     | 26  | 21   | 12     | 15     | 0.3       | 3.3     | 1.09  | 85.9      | 21.5355 | 20.5819 |
| 2009 | 6     | 26  | 21   | 22     | 15     | 0.3       | 3.3     | 1.05  | 86.1      | 21.5355 | 19.8901 |
| 2009 | 6     | 26  | 21   | 32     | 15     | 0.3       | 3.3     | 1.04  | 85.1      | 21.5355 | 19.6386 |
| 2009 | 6     | 26  | 21   | 42     | 15     | 0.3       | 3.3     | 1.08  | 83.4      | 21.5355 | 20.3303 |
| 2009 | 6     | 26  | 21   | 52     | 15     | 0.3       | 3.3     | 1.01  | 85.7      | 21.5583 | 19.0934 |
| 2009 | 6     | 26  | 22   | 2      | 15     | 0.3       | 3.3     | 1.07  | 84.7      | 21.5583 | 20.2893 |
| 2009 | 6     | 26  | 22   | 12     | 15     | 0.3       | 3.3     | 1.09  | 86.4      | 21.5583 | 20.6041 |
| 2009 | 6     | 26  | 22   | 22     | 15     | 0.3       | 3.3     | 1.07  | 85.8      | 21.5583 | 20.1633 |
| 2009 | 6     | 26  | 22   | 32     | 15     | 0.3       | 3.3     | 1.09  | 85.2      | 21.5583 | 20.5411 |
| 2009 | 6     | 26  | 22   | 42     | 15     | 0.3       | 3.3     | 1.07  | 86.3      | 21.5583 | 20.1633 |
| 2009 | 6     | 26  | 22   | 52     | 15     | 0.3       | 3.3     | 1.05  | 85.3      | 21.5583 | 19.8486 |
| 2009 | 6     | 26  | 23   | 2      | 15     | 0.3       | 3.3     | 1.14  | 85.2      | 21.5812 | 21.5091 |
| 2009 | 6     | 26  | 23   | 12     | 15     | 0.3       | 3.3     | 1.07  | 84.6      | 21.5812 | 20.2481 |
| 2009 | 6     | 26  | 23   | 22     | 15     | 0.3       | 3.3     | 1.02  | 84.8      | 21.5812 | 19.3029 |
| 2009 | 6     | 26  | 23   | 32     | 15     | 0.3       | 3.3     | 1.07  | 85.4      | 21.5812 | 20.3111 |
| 2009 | 6     | 26  | 23   | 42     | 15     | 0.3       | 3.3     | 1.06  | 85.4      | 21.6041 | 20.1437 |
| 2009 | 6     | 26  | 23   | 52     | 15     | 0.3       | 3.3     | 1.04  | 84.4      | 21.6041 | 19.7021 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 27  | 0    | 2      | 15     | 0.3       | 3.3     | 1.08  | 86.2      | 21.5812 | 20.3742 |
| 2009 | 6     | 27  | 0    | 12     | 15     | 0.3       | 3.3     | 1.06  | 87.5      | 21.6041 | 20.2068 |
| 2009 | 6     | 27  | 0    | 22     | 15     | 0.3       | 3.3     | 1.06  | 84.1      | 21.6041 | 20.0806 |
| 2009 | 6     | 27  | 0    | 32     | 15     | 0.3       | 3.3     | 1.02  | 85        | 21.6041 | 19.3868 |
| 2009 | 6     | 27  | 0    | 42     | 15     | 0.3       | 3.3     | 1.06  | 84.5      | 21.6498 | 20.0606 |
| 2009 | 6     | 27  | 0    | 52     | 15     | 0.3       | 3.3     | 1.1   | 87.1      | 21.6498 | 21.0092 |
| 2009 | 6     | 27  | 1    | 2      | 15     | 0.3       | 3.3     | 1.05  | 85.2      | 21.6726 | 19.9555 |
| 2009 | 6     | 27  | 1    | 12     | 15     | 0.3       | 3.3     | 1.1   | 86.1      | 21.6498 | 21.0092 |
| 2009 | 6     | 27  | 1    | 22     | 15     | 0.3       | 3.3     | 1.09  | 88.6      | 21.6955 | 20.8008 |
| 2009 | 6     | 27  | 1    | 32     | 15     | 0.3       | 3.3     | 1.04  | 84.8      | 21.7183 | 19.8084 |
| 2009 | 6     | 27  | 1    | 42     | 15     | 0.3       | 3.3     | 1.11  | 84.9      | 21.7412 | 21.2271 |
| 2009 | 6     | 27  | 1    | 52     | 15     | 0.3       | 3.3     | 1.08  | 87        | 21.7183 | 20.633  |
| 2009 | 6     | 27  | 2    | 2      | 15     | 0.3       | 3.3     | 1.03  | 84.3      | 21.7412 | 19.5125 |
| 2009 | 6     | 27  | 2    | 12     | 15     | 0.3       | 3.3     | 1.08  | 86.7      | 21.7412 | 20.6554 |
| 2009 | 6     | 27  | 2    | 22     | 15     | 0.3       | 3.3     | 1.08  | 85.1      | 21.7412 | 20.5284 |
| 2009 | 6     | 27  | 2    | 32     | 15     | 0.3       | 3.3     | 1.07  | 86.1      | 21.764  | 20.487  |
| 2009 | 6     | 27  | 2    | 42     | 15     | 0.3       | 3.3     | 1.05  | 83        | 21.764  | 20.042  |
| 2009 | 6     | 27  | 2    | 52     | 15     | 0.3       | 3.3     | 1.08  | 88.3      | 21.764  | 20.7413 |
| 2009 | 6     | 27  | 3    | 2      | 15     | 0.3       | 3.3     | 1.06  | 88        | 21.764  | 20.2327 |
| 2009 | 6     | 27  | 3    | 12     | 15     | 0.3       | 3.3     | 1.07  | 87        | 21.7869 | 20.5091 |
| 2009 | 6     | 27  | 3    | 22     | 15     | 0.3       | 3.3     | 1.09  | 85        | 21.7869 | 20.7637 |
| 2009 | 6     | 27  | 3    | 32     | 15     | 0.3       | 3.3     | 1.05  | 87        | 21.7869 | 20.191  |
| 2009 | 6     | 27  | 3    | 42     | 15     | 0.3       | 3.3     | 1.09  | 85.2      | 21.7869 | 20.7637 |
| 2009 | 6     | 27  | 3    | 52     | 15     | 0.3       | 3.3     | 1.07  | 83.8      | 21.7869 | 20.3819 |
| 2009 | 6     | 27  | 4    | 2      | 15     | 0.3       | 3.3     | 1.09  | 86.7      | 21.7869 | 20.891  |
| 2009 | 6     | 27  | 4    | 12     | 15     | 0.3       | 3.3     | 1.11  | 85.2      | 21.7869 | 21.1457 |
| 2009 | 6     | 27  | 4    | 22     | 15     | 0.3       | 3.3     | 1.08  | 83.2      | 21.7869 | 20.5091 |
| 2009 | 6     | 27  | 4    | 32     | 15     | 0.3       | 3.3     | 1.07  | 84.9      | 21.8097 | 20.4676 |
| 2009 | 6     | 27  | 4    | 42     | 15     | 0.3       | 3.3     | 1.07  | 86.3      | 21.8097 | 20.4039 |
| 2009 | 6     | 27  | 4    | 52     | 15     | 0.3       | 3.3     | 1.08  | 83.2      | 21.8097 | 20.6587 |
| 2009 | 6     | 27  | 5    | 2      | 15     | 0.3       | 3.3     | 1.1   | 87.1      | 21.8097 | 21.041  |
| 2009 | 6     | 27  | 5    | 12     | 15     | 0.3       | 3.3     | 1.07  | 85.4      | 21.8325 | 20.4259 |
| 2009 | 6     | 27  | 5    | 22     | 15     | 0.3       | 3.3     | 1.03  | 85.6      | 21.8325 | 19.6607 |
| 2009 | 6     | 27  | 5    | 32     | 15     | 0.3       | 3.3     | 1.14  | 83.5      | 21.8554 | 21.7252 |
| 2009 | 6     | 27  | 5    | 42     | 15     | 0.3       | 3.3     | 1.1   | 84.9      | 21.8554 | 21.0864 |
| 2009 | 6     | 27  | 5    | 52     | 15     | 0.3       | 3.3     | 1.09  | 86.9      | 21.8554 | 20.8948 |
| 2009 | 6     | 27  | 6    | 2      | 15     | 0.3       | 3.3     | 1.12  | 86.8      | 21.8782 | 21.4928 |
| 2009 | 6     | 27  | 6    | 12     | 15     | 0.3       | 3.3     | 1.08  | 87.6      | 21.901  | 20.8758 |
| 2009 | 6     | 27  | 6    | 22     | 15     | 0.3       | 3.3     | 1.11  | 83.9      | 21.901  | 21.3238 |
| 2009 | 6     | 27  | 6    | 32     | 15     | 0.3       | 3.3     | 1.08  | 85.8      | 21.9239 | 20.7701 |
| 2009 | 6     | 27  | 6    | 42     | 15     | 0.3       | 3.3     | 1.1   | 86.4      | 21.9467 | 21.1772 |
| 2009 | 6     | 27  | 6    | 52     | 15     | 0.3       | 3.3     | 1.04  | 87.1      | 21.9467 | 20.0871 |
| 2009 | 6     | 27  | 7    | 2      | 15     | 0.3       | 3.3     | 1.08  | 85.1      | 21.9695 | 20.7505 |
| 2009 | 6     | 27  | 7    | 12     | 15     | 0.3       | 3.3     | 1.08  | 87        | 21.9695 | 20.8147 |
| 2009 | 6     | 27  | 7    | 22     | 15     | 0.3       | 3.3     | 1.12  | 86.5      | 21.9695 | 21.7136 |
| 2009 | 6     | 27  | 7    | 32     | 15     | 0.3       | 3.3     | 1.11  | 86.1      | 21.9695 | 21.3925 |
| 2009 | 6     | 27  | 7    | 42     | 15     | 0.3       | 3.3     | 1.13  | 88.8      | 21.9923 | 21.9297 |
| 2009 | 6     | 27  | 7    | 52     | 15     | 0.3       | 3.3     | 1.12  | 87.1      | 21.9923 | 21.6083 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 27  | 8    | 2      | 15     | 0.3       | 3.3     | 1.1   | 86.3      | 21.9923 | 21.3511 |
| 2009 | 6     | 27  | 8    | 12     | 15     | 0.3       | 3.3     | 1.1   | 85.5      | 21.9923 | 21.1583 |
| 2009 | 6     | 27  | 8    | 22     | 15     | 0.3       | 3.3     | 1.11  | 85.2      | 21.9923 | 21.3511 |
| 2009 | 6     | 27  | 8    | 32     | 15     | 0.3       | 3.3     | 1.15  | 85.9      | 21.9923 | 22.187  |
| 2009 | 6     | 27  | 8    | 42     | 15     | 0.3       | 3.3     | 1.15  | 85.2      | 22.0152 | 22.1463 |
| 2009 | 6     | 27  | 8    | 52     | 15     | 0.3       | 3.3     | 1.12  | 84.3      | 22.0152 | 21.6313 |
| 2009 | 6     | 27  | 9    | 2      | 15     | 0.3       | 3.3     | 1.09  | 86.4      | 22.0152 | 21.1165 |
| 2009 | 6     | 27  | 9    | 12     | 15     | 0.3       | 3.3     | 1.1   | 86.6      | 22.0152 | 21.2452 |
| 2009 | 6     | 27  | 9    | 22     | 15     | 0.3       | 3.3     | 1.09  | 86.4      | 22.0152 | 21.0522 |
| 2009 | 6     | 27  | 9    | 32     | 15     | 0.3       | 3.3     | 1.12  | 85.1      | 22.038  | 21.7189 |
| 2009 | 6     | 27  | 9    | 42     | 15     | 0.3       | 3.3     | 1.09  | 87.2      | 22.038  | 21.1391 |
| 2009 | 6     | 27  | 9    | 52     | 15     | 0.3       | 3.3     | 1.13  | 89.8      | 22.038  | 21.9766 |
| 2009 | 6     | 27  | 10   | 2      | 15     | 0.3       | 3.3     | 1.11  | 82.7      | 22.038  | 21.3968 |
| 2009 | 6     | 27  | 10   | 12     | 15     | 0.3       | 3.3     | 1.07  | 85.3      | 22.038  | 20.6883 |
| 2009 | 6     | 27  | 10   | 22     | 15     | 0.3       | 3.3     | 1.1   | 85.9      | 22.0608 | 21.2261 |
| 2009 | 6     | 27  | 10   | 32     | 15     | 0.3       | 3.3     | 1.11  | 86.8      | 22.0608 | 21.4841 |
| 2009 | 6     | 27  | 10   | 42     | 15     | 0.3       | 3.3     | 1.11  | 84.4      | 22.0608 | 21.5485 |
| 2009 | 6     | 27  | 10   | 52     | 15     | 0.3       | 3.3     | 1.13  | 87.3      | 22.0608 | 22      |
| 2009 | 6     | 27  | 11   | 2      | 15     | 0.3       | 3.3     | 1.13  | 85.8      | 22.0608 | 21.9355 |
| 2009 | 6     | 27  | 11   | 12     | 15     | 0.3       | 3.3     | 1.17  | 85.8      | 22.0608 | 22.7098 |
| 2009 | 6     | 27  | 11   | 22     | 15     | 0.3       | 3.3     | 1.11  | 84.8      | 22.0608 | 21.5485 |
| 2009 | 6     | 27  | 11   | 32     | 15     | 0.3       | 3.3     | 1.09  | 86.4      | 22.0836 | 21.2487 |
| 2009 | 6     | 27  | 11   | 42     | 15     | 0.3       | 3.3     | 1.09  | 86.9      | 22.0836 | 21.2487 |
| 2009 | 6     | 27  | 11   | 52     | 15     | 0.3       | 3.3     | 1.16  | 87.9      | 22.0836 | 22.6047 |
| 2009 | 6     | 27  | 12   | 2      | 15     | 0.3       | 3.3     | 1.14  | 85.2      | 22.0836 | 22.1526 |
| 2009 | 6     | 27  | 12   | 12     | 15     | 0.3       | 3.3     | 1.13  | 87.2      | 22.0836 | 22.0235 |
| 2009 | 6     | 27  | 12   | 22     | 15     | 0.3       | 3.3     | 1.11  | 85.6      | 22.1064 | 21.5945 |
| 2009 | 6     | 27  | 12   | 32     | 15     | 0.3       | 3.3     | 1.11  | 85.6      | 22.0836 | 21.5069 |
| 2009 | 6     | 27  | 12   | 42     | 15     | 0.3       | 3.3     | 1.12  | 87.2      | 22.1064 | 21.853  |
| 2009 | 6     | 27  | 12   | 52     | 15     | 0.3       | 3.3     | 1.08  | 84.4      | 22.1064 | 21.0129 |
| 2009 | 6     | 27  | 13   | 2      | 15     | 0.3       | 3.3     | 1.07  | 85.6      | 22.1064 | 20.7545 |
| 2009 | 6     | 27  | 13   | 12     | 15     | 0.3       | 3.3     | 1.15  | 85.2      | 22.1064 | 22.3055 |
| 2009 | 6     | 27  | 13   | 22     | 15     | 0.3       | 3.3     | 1.13  | 87.2      | 22.1292 | 22.0056 |
| 2009 | 6     | 27  | 13   | 32     | 15     | 0.3       | 3.3     | 1.09  | 86.7      | 22.1292 | 21.2939 |
| 2009 | 6     | 27  | 13   | 42     | 15     | 0.3       | 3.3     | 1.14  | 86.2      | 22.1292 | 22.1998 |
| 2009 | 6     | 27  | 13   | 52     | 15     | 0.3       | 3.3     | 1.14  | 88        | 22.1292 | 22.2645 |
| 2009 | 6     | 27  | 14   | 2      | 15     | 0.3       | 3.3     | 1.13  | 83.5      | 22.1292 | 21.9409 |
| 2009 | 6     | 27  | 14   | 12     | 15     | 0.3       | 3.3     | 1.11  | 85.6      | 22.1292 | 21.488  |
| 2009 | 6     | 27  | 14   | 22     | 15     | 0.3       | 3.3     | 1.1   | 85.4      | 22.1292 | 21.4233 |
| 2009 | 6     | 27  | 14   | 32     | 15     | 0.3       | 3.3     | 1.09  | 83.9      | 22.1292 | 21.0352 |
| 2009 | 6     | 27  | 14   | 42     | 15     | 0.3       | 3.3     | 1.1   | 86.3      | 22.1292 | 21.488  |
| 2009 | 6     | 27  | 14   | 52     | 15     | 0.3       | 3.3     | 1.1   | 86.1      | 22.152  | 21.5108 |
| 2009 | 6     | 27  | 15   | 2      | 15     | 0.3       | 3.3     | 1.13  | 85.8      | 22.152  | 21.8994 |
| 2009 | 6     | 27  | 15   | 12     | 15     | 0.3       | 3.3     | 1.1   | 85.4      | 22.152  | 21.4461 |
| 2009 | 6     | 27  | 15   | 22     | 15     | 0.3       | 3.3     | 1.14  | 83.9      | 22.152  | 22.0938 |
| 2009 | 6     | 27  | 15   | 32     | 15     | 0.3       | 3.3     | 1.12  | 84.8      | 22.152  | 21.7699 |
| 2009 | 6     | 27  | 15   | 42     | 15     | 0.3       | 3.3     | 1.17  | 87.3      | 22.152  | 22.8065 |
| 2009 | 6     | 27  | 15   | 52     | 15     | 0.3       | 3.3     | 1.13  | 86        | 22.152  | 22.0938 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 27  | 16   | 2      | 15     | 0.3       | 3.3     | 1.1   | 84        | 22.152  | 21.2518 |
| 2009 | 6     | 27  | 16   | 12     | 15     | 0.3       | 3.3     | 1.15  | 86.2      | 22.152  | 22.4177 |
| 2009 | 6     | 27  | 16   | 22     | 15     | 0.3       | 3.3     | 1.14  | 86.7      | 22.152  | 22.2233 |
| 2009 | 6     | 27  | 16   | 32     | 15     | 0.3       | 3.3     | 1.14  | 85.7      | 22.1748 | 22.2469 |
| 2009 | 6     | 27  | 16   | 42     | 15     | 0.3       | 3.3     | 1.09  | 86        | 22.1748 | 21.2095 |
| 2009 | 6     | 27  | 16   | 52     | 15     | 0.3       | 3.3     | 1.09  | 84.5      | 22.1748 | 21.1447 |
| 2009 | 6     | 27  | 17   | 2      | 15     | 0.3       | 3.3     | 1.11  | 85.1      | 22.1748 | 21.6633 |
| 2009 | 6     | 27  | 17   | 12     | 15     | 0.3       | 3.3     | 1.12  | 86.2      | 22.1748 | 21.9227 |
| 2009 | 6     | 27  | 17   | 22     | 15     | 0.3       | 3.3     | 1.13  | 84.9      | 22.1748 | 22.0523 |
| 2009 | 6     | 27  | 17   | 32     | 15     | 0.3       | 3.3     | 1.13  | 86        | 22.1748 | 21.9875 |
| 2009 | 6     | 27  | 17   | 42     | 15     | 0.3       | 3.3     | 1.13  | 82.8      | 22.1748 | 21.9227 |
| 2009 | 6     | 27  | 17   | 52     | 15     | 0.3       | 3.3     | 1.15  | 87.5      | 22.1748 | 22.3766 |
| 2009 | 6     | 27  | 18   | 2      | 15     | 0.3       | 3.3     | 1.12  | 87.8      | 22.1976 | 21.881  |
| 2009 | 6     | 27  | 18   | 12     | 15     | 0.3       | 3.3     | 1.1   | 86.2      | 22.1976 | 21.4915 |
| 2009 | 6     | 27  | 18   | 22     | 15     | 0.3       | 3.3     | 1.14  | 84.1      | 22.1976 | 22.2705 |
| 2009 | 6     | 27  | 18   | 32     | 15     | 0.3       | 3.3     | 1.08  | 82.3      | 22.1976 | 20.9076 |
| 2009 | 6     | 27  | 18   | 42     | 15     | 0.3       | 3.3     | 1.13  | 86        | 22.2204 | 22.164  |
| 2009 | 6     | 27  | 18   | 52     | 15     | 0.3       | 3.3     | 1.14  | 85.7      | 22.2204 | 22.229  |
| 2009 | 6     | 27  | 19   | 2      | 15     | 0.3       | 3.3     | 1.06  | 83.6      | 22.1976 | 20.5832 |
| 2009 | 6     | 27  | 19   | 12     | 15     | 0.3       | 3.3     | 1.16  | 85.8      | 22.2204 | 22.684  |
| 2009 | 6     | 27  | 19   | 22     | 15     | 0.3       | 3.3     | 1.13  | 84.2      | 22.2432 | 21.9923 |
| 2009 | 6     | 27  | 19   | 32     | 15     | 0.3       | 3.3     | 1.1   | 85.9      | 22.2432 | 21.537  |
| 2009 | 6     | 27  | 19   | 42     | 15     | 0.3       | 3.3     | 1.11  | 86.9      | 22.266  | 21.69   |
| 2009 | 6     | 27  | 19   | 52     | 15     | 0.3       | 3.3     | 1.13  | 83.3      | 22.266  | 22.0806 |
| 2009 | 6     | 27  | 20   | 2      | 15     | 0.3       | 3.3     | 1.09  | 85.7      | 22.2888 | 21.387  |
| 2009 | 6     | 27  | 20   | 12     | 15     | 0.3       | 3.3     | 1.1   | 85.4      | 22.2888 | 21.4522 |
| 2009 | 6     | 27  | 20   | 22     | 15     | 0.3       | 3.3     | 1.12  | 84.4      | 22.2888 | 21.8432 |
| 2009 | 6     | 27  | 20   | 32     | 15     | 0.3       | 3.3     | 1.17  | 84.5      | 22.3116 | 22.9757 |
| 2009 | 6     | 27  | 20   | 42     | 15     | 0.3       | 3.3     | 1.12  | 83.3      | 22.3116 | 21.8009 |
| 2009 | 6     | 27  | 20   | 52     | 15     | 0.3       | 3.3     | 1.12  | 84.1      | 22.3344 | 21.8892 |
| 2009 | 6     | 27  | 21   | 2      | 15     | 0.3       | 3.3     | 1.15  | 83.9      | 22.3344 | 22.5425 |
| 2009 | 6     | 27  | 21   | 12     | 15     | 0.3       | 3.3     | 1.08  | 86        | 22.3344 | 21.2362 |
| 2009 | 6     | 27  | 21   | 22     | 15     | 0.3       | 3.3     | 1.16  | 84.5      | 22.3571 | 22.697  |
| 2009 | 6     | 27  | 21   | 32     | 15     | 0.3       | 3.3     | 1.12  | 86.3      | 22.3571 | 22.043  |
| 2009 | 6     | 27  | 21   | 42     | 15     | 0.3       | 3.3     | 1.13  | 87        | 22.3571 | 22.2392 |
| 2009 | 6     | 27  | 21   | 52     | 15     | 0.3       | 3.3     | 1.12  | 84.9      | 22.3571 | 21.9122 |
| 2009 | 6     | 27  | 22   | 2      | 15     | 0.3       | 3.3     | 1.12  | 83.6      | 22.3571 | 21.9776 |
| 2009 | 6     | 27  | 22   | 12     | 15     | 0.3       | 3.3     | 1.13  | 83.5      | 22.3571 | 22.043  |
| 2009 | 6     | 27  | 22   | 22     | 15     | 0.3       | 3.3     | 1.16  | 84.6      | 22.3571 | 22.7624 |
| 2009 | 6     | 27  | 22   | 32     | 15     | 0.3       | 3.3     | 1.14  | 85.9      | 22.3799 | 22.5244 |
| 2009 | 6     | 27  | 22   | 42     | 15     | 0.3       | 3.3     | 1.11  | 85.4      | 22.3799 | 21.7389 |
| 2009 | 6     | 27  | 22   | 52     | 15     | 0.3       | 3.3     | 1.16  | 87.1      | 22.3799 | 22.8518 |
| 2009 | 6     | 27  | 23   | 2      | 15     | 0.3       | 3.3     | 1.19  | 87.5      | 22.3799 | 23.5067 |
| 2009 | 6     | 27  | 23   | 12     | 15     | 0.3       | 3.3     | 1.14  | 85.4      | 22.3799 | 22.328  |
| 2009 | 6     | 27  | 23   | 22     | 15     | 0.3       | 3.3     | 1.17  | 86.3      | 22.3799 | 22.9827 |
| 2009 | 6     | 27  | 23   | 32     | 15     | 0.3       | 3.3     | 1.09  | 84.5      | 22.4027 | 21.4341 |
| 2009 | 6     | 27  | 23   | 42     | 15     | 0.3       | 3.3     | 1.13  | 85        | 22.4027 | 22.2203 |
| 2009 | 6     | 27  | 23   | 52     | 15     | 0.3       | 3.3     | 1.12  | 84.9      | 22.4027 | 21.9582 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 28  | 0    | 2      | 15     | 0.3       | 3.3     | 1.16  | 87.1      | 22.4027 | 22.8102 |
| 2009 | 6     | 28  | 0    | 12     | 15     | 0.3       | 3.3     | 1.11  | 84.9      | 22.4027 | 21.8272 |
| 2009 | 6     | 28  | 0    | 22     | 15     | 0.3       | 3.3     | 1.14  | 84.9      | 22.4027 | 22.3514 |
| 2009 | 6     | 28  | 0    | 32     | 15     | 0.3       | 3.3     | 1.14  | 84.7      | 22.4255 | 22.4404 |
| 2009 | 6     | 28  | 0    | 42     | 15     | 0.3       | 3.3     | 1.12  | 85        | 22.4255 | 22.1124 |
| 2009 | 6     | 28  | 0    | 52     | 15     | 0.3       | 3.3     | 1.1   | 84.7      | 22.4255 | 21.5877 |
| 2009 | 6     | 28  | 1    | 2      | 15     | 0.3       | 3.3     | 1.11  | 83.5      | 22.4255 | 21.7189 |
| 2009 | 6     | 28  | 1    | 12     | 15     | 0.3       | 3.3     | 1.14  | 86.4      | 22.4482 | 22.5295 |
| 2009 | 6     | 28  | 1    | 22     | 15     | 0.3       | 3.3     | 1.13  | 85        | 22.4482 | 22.3325 |
| 2009 | 6     | 28  | 1    | 32     | 15     | 0.3       | 3.3     | 1.16  | 86.9      | 22.471  | 23.0133 |
| 2009 | 6     | 28  | 1    | 42     | 15     | 0.3       | 3.3     | 1.12  | 85.3      | 22.471  | 22.0929 |
| 2009 | 6     | 28  | 1    | 52     | 15     | 0.3       | 3.3     | 1.14  | 84.7      | 22.471  | 22.4873 |
| 2009 | 6     | 28  | 2    | 2      | 15     | 0.3       | 3.3     | 1.16  | 87.1      | 22.5165 | 22.9955 |
| 2009 | 6     | 28  | 2    | 12     | 15     | 0.3       | 3.3     | 1.15  | 85.8      | 22.5165 | 22.8637 |
| 2009 | 6     | 28  | 2    | 22     | 15     | 0.3       | 3.3     | 1.14  | 84.5      | 22.5393 | 22.4918 |
| 2009 | 6     | 28  | 2    | 32     | 15     | 0.3       | 3.3     | 1.14  | 85.7      | 22.5165 | 22.5343 |
| 2009 | 6     | 28  | 2    | 42     | 15     | 0.3       | 3.3     | 1.1   | 84.2      | 22.5393 | 21.7665 |
| 2009 | 6     | 28  | 2    | 52     | 15     | 0.3       | 3.3     | 1.14  | 87.2      | 22.562  | 22.5812 |
| 2009 | 6     | 28  | 3    | 2      | 15     | 0.3       | 3.3     | 1.16  | 86.4      | 22.5848 | 23.0012 |
| 2009 | 6     | 28  | 3    | 12     | 15     | 0.3       | 3.3     | 1.11  | 84.9      | 22.5848 | 21.944  |
| 2009 | 6     | 28  | 3    | 22     | 15     | 0.3       | 3.3     | 1.18  | 88.6      | 22.5848 | 23.5301 |
| 2009 | 6     | 28  | 3    | 32     | 15     | 0.3       | 3.3     | 1.16  | 85.8      | 22.5848 | 23.0673 |
| 2009 | 6     | 28  | 3    | 42     | 15     | 0.3       | 3.3     | 1.19  | 85.4      | 22.6075 | 23.6869 |
| 2009 | 6     | 28  | 3    | 52     | 15     | 0.3       | 3.3     | 1.15  | 83.8      | 22.6075 | 22.8266 |
| 2009 | 6     | 28  | 4    | 2      | 15     | 0.3       | 3.3     | 1.14  | 86.4      | 22.6075 | 22.6943 |
| 2009 | 6     | 28  | 4    | 12     | 15     | 0.3       | 3.3     | 1.15  | 84.4      | 22.6075 | 22.8266 |
| 2009 | 6     | 28  | 4    | 22     | 15     | 0.3       | 3.3     | 1.14  | 85.9      | 22.6075 | 22.6943 |
| 2009 | 6     | 28  | 4    | 32     | 15     | 0.3       | 3.3     | 1.15  | 87.2      | 22.6075 | 22.8266 |
| 2009 | 6     | 28  | 4    | 42     | 15     | 0.3       | 3.3     | 1.15  | 83.9      | 22.6075 | 22.7605 |
| 2009 | 6     | 28  | 4    | 52     | 15     | 0.3       | 3.3     | 1.11  | 84.6      | 22.6303 | 22.0557 |
| 2009 | 6     | 28  | 5    | 2      | 15     | 0.3       | 3.3     | 1.14  | 87.7      | 22.6303 | 22.7178 |
| 2009 | 6     | 28  | 5    | 12     | 15     | 0.3       | 3.3     | 1.19  | 87.1      | 22.6303 | 23.6452 |
| 2009 | 6     | 28  | 5    | 22     | 15     | 0.3       | 3.3     | 1.13  | 84.8      | 22.6303 | 22.453  |
| 2009 | 6     | 28  | 5    | 32     | 15     | 0.3       | 3.3     | 1.16  | 84.8      | 22.6303 | 23.049  |
| 2009 | 6     | 28  | 5    | 42     | 15     | 0.3       | 3.3     | 1.12  | 86.6      | 22.6303 | 22.3205 |
| 2009 | 6     | 28  | 5    | 52     | 15     | 0.3       | 3.3     | 1.09  | 82.7      | 22.653  | 21.5485 |
| 2009 | 6     | 28  | 6    | 2      | 15     | 0.3       | 3.3     | 1.15  | 84.7      | 22.653  | 22.8076 |
| 2009 | 6     | 28  | 6    | 12     | 15     | 0.3       | 3.3     | 1.14  | 84.2      | 22.653  | 22.7414 |
| 2009 | 6     | 28  | 6    | 22     | 15     | 0.3       | 3.3     | 1.19  | 87.6      | 22.6758 | 23.6941 |
| 2009 | 6     | 28  | 6    | 32     | 15     | 0.3       | 3.3     | 1.18  | 85.4      | 22.6758 | 23.4286 |
| 2009 | 6     | 28  | 6    | 42     | 15     | 0.3       | 3.3     | 1.17  | 85.2      | 22.6985 | 23.3199 |
| 2009 | 6     | 28  | 6    | 52     | 15     | 0.3       | 3.3     | 1.21  | 86.3      | 22.7212 | 24.2088 |
| 2009 | 6     | 28  | 7    | 2      | 15     | 0.3       | 3.3     | 1.17  | 84.4      | 22.744  | 23.368  |
| 2009 | 6     | 28  | 7    | 12     | 15     | 0.3       | 3.3     | 1.15  | 85.1      | 22.744  | 23.0352 |
| 2009 | 6     | 28  | 7    | 22     | 15     | 0.3       | 3.3     | 1.17  | 86.1      | 22.744  | 23.368  |
| 2009 | 6     | 28  | 7    | 32     | 15     | 0.3       | 3.3     | 1.19  | 85.2      | 22.7667 | 23.792  |
| 2009 | 6     | 28  | 7    | 42     | 15     | 0.3       | 3.3     | 1.19  | 86.2      | 22.7894 | 23.8165 |
| 2009 | 6     | 28  | 7    | 52     | 15     | 0.3       | 3.3     | 1.16  | 86.6      | 22.7894 | 23.216  |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 28  | 8    | 2      | 15     | 0.3       | 3.3     | 1.13  | 85        | 22.7894 | 22.6157 |
| 2009 | 6     | 28  | 8    | 12     | 15     | 0.3       | 3.3     | 1.22  | 85.7      | 22.7894 | 24.4172 |
| 2009 | 6     | 28  | 8    | 22     | 15     | 0.3       | 3.3     | 1.17  | 88.7      | 22.8121 | 23.5738 |
| 2009 | 6     | 28  | 8    | 32     | 15     | 0.3       | 3.3     | 1.14  | 85.4      | 22.8121 | 22.8392 |
| 2009 | 6     | 28  | 8    | 42     | 15     | 0.3       | 3.3     | 1.2   | 86.1      | 22.8121 | 24.0414 |
| 2009 | 6     | 28  | 8    | 52     | 15     | 0.3       | 3.3     | 1.19  | 86.1      | 22.8121 | 23.9746 |
| 2009 | 6     | 28  | 9    | 2      | 15     | 0.3       | 3.3     | 1.17  | 86.5      | 22.8348 | 23.4643 |
| 2009 | 6     | 28  | 9    | 12     | 15     | 0.3       | 3.3     | 1.17  | 88.1      | 22.8348 | 23.598  |
| 2009 | 6     | 28  | 9    | 22     | 15     | 0.3       | 3.3     | 1.14  | 84.6      | 22.8348 | 22.8627 |
| 2009 | 6     | 28  | 9    | 32     | 15     | 0.3       | 3.3     | 1.21  | 89.2      | 22.8348 | 24.4005 |
| 2009 | 6     | 28  | 9    | 42     | 15     | 0.3       | 3.3     | 1.18  | 88.4      | 22.8348 | 23.7317 |
| 2009 | 6     | 28  | 9    | 52     | 15     | 0.3       | 3.3     | 1.2   | 87        | 22.8348 | 24.1329 |
| 2009 | 6     | 28  | 10   | 2      | 15     | 0.3       | 3.3     | 1.16  | 88.9      | 22.8576 | 23.4214 |
| 2009 | 6     | 28  | 10   | 12     | 15     | 0.3       | 3.3     | 1.16  | 86.9      | 22.8576 | 23.3545 |
| 2009 | 6     | 28  | 10   | 22     | 15     | 0.3       | 3.3     | 1.15  | 85.4      | 22.8576 | 23.0199 |
| 2009 | 6     | 28  | 10   | 32     | 15     | 0.3       | 3.3     | 1.16  | 87.4      | 22.8576 | 23.3545 |
| 2009 | 6     | 28  | 10   | 42     | 15     | 0.3       | 3.3     | 1.18  | 86        | 22.8576 | 23.6891 |
| 2009 | 6     | 28  | 10   | 52     | 15     | 0.3       | 3.3     | 1.2   | 86.1      | 22.8576 | 24.0907 |
| 2009 | 6     | 28  | 11   | 2      | 15     | 0.3       | 3.3     | 1.17  | 84.5      | 22.8576 | 23.5553 |
| 2009 | 6     | 28  | 11   | 12     | 15     | 0.3       | 3.3     | 1.2   | 87.6      | 22.8803 | 24.1154 |
| 2009 | 6     | 28  | 11   | 22     | 15     | 0.3       | 3.3     | 1.17  | 86.3      | 22.8803 | 23.5794 |
| 2009 | 6     | 28  | 11   | 32     | 15     | 0.3       | 3.3     | 1.17  | 85.2      | 22.8803 | 23.4454 |
| 2009 | 6     | 28  | 11   | 42     | 15     | 0.3       | 3.3     | 1.17  | 88.2      | 22.8803 | 23.6464 |
| 2009 | 6     | 28  | 11   | 52     | 15     | 0.3       | 3.3     | 1.17  | 85.7      | 22.8803 | 23.6464 |
| 2009 | 6     | 28  | 12   | 2      | 15     | 0.3       | 3.3     | 1.12  | 84.5      | 22.903  | 22.5308 |
| 2009 | 6     | 28  | 12   | 12     | 15     | 0.3       | 3.3     | 1.2   | 86.7      | 22.903  | 24.2742 |
| 2009 | 6     | 28  | 12   | 22     | 15     | 0.3       | 3.3     | 1.2   | 86.2      | 22.903  | 24.2071 |
| 2009 | 6     | 28  | 12   | 32     | 15     | 0.3       | 3.3     | 1.23  | 88.9      | 22.903  | 24.9452 |
| 2009 | 6     | 28  | 12   | 42     | 15     | 0.3       | 3.3     | 1.11  | 83.5      | 22.903  | 22.1957 |
| 2009 | 6     | 28  | 12   | 52     | 15     | 0.3       | 3.3     | 1.15  | 82.5      | 22.903  | 23.0671 |
| 2009 | 6     | 28  | 13   | 2      | 15     | 0.3       | 3.3     | 1.17  | 86.3      | 22.903  | 23.6706 |
| 2009 | 6     | 28  | 13   | 12     | 15     | 0.3       | 3.3     | 1.16  | 86.8      | 22.9257 | 23.4934 |
| 2009 | 6     | 28  | 13   | 22     | 15     | 0.3       | 3.3     | 1.18  | 85.2      | 22.9257 | 23.7619 |
| 2009 | 6     | 28  | 13   | 32     | 15     | 0.3       | 3.3     | 1.14  | 87.2      | 22.9257 | 23.0906 |
| 2009 | 6     | 28  | 13   | 42     | 15     | 0.3       | 3.3     | 1.18  | 84.6      | 22.9257 | 23.829  |
| 2009 | 6     | 28  | 13   | 52     | 15     | 0.3       | 3.3     | 1.19  | 85.9      | 22.9257 | 24.0304 |
| 2009 | 6     | 28  | 14   | 2      | 15     | 0.3       | 3.3     | 1.11  | 84.4      | 22.9257 | 22.2854 |
| 2009 | 6     | 28  | 14   | 12     | 15     | 0.3       | 3.3     | 1.15  | 88        | 22.9257 | 23.292  |
| 2009 | 6     | 28  | 14   | 22     | 15     | 0.3       | 3.3     | 1.16  | 85.3      | 22.9257 | 23.292  |
| 2009 | 6     | 28  | 14   | 32     | 15     | 0.3       | 3.3     | 1.13  | 84.9      | 22.9257 | 22.8222 |
| 2009 | 6     | 28  | 14   | 42     | 15     | 0.3       | 3.3     | 1.21  | 88.1      | 22.9484 | 24.5927 |
| 2009 | 6     | 28  | 14   | 52     | 15     | 0.3       | 3.3     | 1.17  | 85.8      | 22.9257 | 23.6276 |
| 2009 | 6     | 28  | 15   | 2      | 15     | 0.3       | 3.3     | 1.17  | 85.5      | 22.9484 | 23.5173 |
| 2009 | 6     | 28  | 15   | 12     | 15     | 0.3       | 3.3     | 1.11  | 84.9      | 22.9484 | 22.4425 |
| 2009 | 6     | 28  | 15   | 22     | 15     | 0.3       | 3.3     | 1.16  | 86.6      | 22.9257 | 23.4934 |
| 2009 | 6     | 28  | 15   | 32     | 15     | 0.3       | 3.3     | 1.18  | 87.3      | 22.9484 | 23.8533 |
| 2009 | 6     | 28  | 15   | 42     | 15     | 0.3       | 3.3     | 1.17  | 85        | 22.9484 | 23.5173 |
| 2009 | 6     | 28  | 15   | 52     | 15     | 0.3       | 3.3     | 1.21  | 86.7      | 22.9484 | 24.3911 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 28  | 16   | 2      | 15     | 0.3       | 3.3     | 1.16  | 85.3      | 22.9484 | 23.383  |
| 2009 | 6     | 28  | 16   | 12     | 15     | 0.3       | 3.3     | 1.22  | 86.1      | 22.9711 | 24.6851 |
| 2009 | 6     | 28  | 16   | 22     | 15     | 0.3       | 3.3     | 1.13  | 83.2      | 22.9484 | 22.7112 |
| 2009 | 6     | 28  | 16   | 32     | 15     | 0.3       | 3.3     | 1.21  | 88        | 22.9484 | 24.5255 |
| 2009 | 6     | 28  | 16   | 42     | 15     | 0.3       | 3.3     | 1.2   | 85.3      | 22.9484 | 24.1222 |
| 2009 | 6     | 28  | 16   | 52     | 15     | 0.3       | 3.3     | 1.16  | 86.6      | 22.9711 | 23.5413 |
| 2009 | 6     | 28  | 17   | 2      | 15     | 0.3       | 3.3     | 1.16  | 85.6      | 22.9711 | 23.4068 |
| 2009 | 6     | 28  | 17   | 12     | 15     | 0.3       | 3.3     | 1.21  | 85.5      | 22.9711 | 24.5505 |
| 2009 | 6     | 28  | 17   | 22     | 15     | 0.3       | 3.3     | 1.2   | 85.4      | 22.9711 | 24.2141 |
| 2009 | 6     | 28  | 17   | 32     | 15     | 0.3       | 3.3     | 1.17  | 86        | 22.9711 | 23.7431 |
| 2009 | 6     | 28  | 17   | 42     | 15     | 0.3       | 3.3     | 1.15  | 87        | 22.9711 | 23.205  |
| 2009 | 6     | 28  | 17   | 52     | 15     | 0.3       | 3.3     | 1.16  | 83.8      | 22.9711 | 23.4068 |
| 2009 | 6     | 28  | 18   | 2      | 15     | 0.3       | 3.3     | 1.17  | 85.3      | 22.9711 | 23.6759 |
| 2009 | 6     | 28  | 18   | 12     | 15     | 0.3       | 3.3     | 1.19  | 85.7      | 22.9711 | 24.0122 |
| 2009 | 6     | 28  | 18   | 22     | 15     | 0.3       | 3.3     | 1.2   | 85.3      | 22.9711 | 24.2813 |
| 2009 | 6     | 28  | 18   | 32     | 15     | 0.3       | 3.3     | 1.18  | 86.2      | 22.9711 | 23.8104 |
| 2009 | 6     | 28  | 18   | 42     | 15     | 0.3       | 3.3     | 1.15  | 85.3      | 22.9711 | 23.2723 |
| 2009 | 6     | 28  | 18   | 52     | 15     | 0.3       | 3.3     | 1.16  | 85.4      | 22.9711 | 23.3395 |
| 2009 | 6     | 28  | 19   | 2      | 15     | 0.3       | 3.3     | 1.16  | 85.8      | 22.9711 | 23.5413 |
| 2009 | 6     | 28  | 19   | 12     | 15     | 0.3       | 3.3     | 1.17  | 85.8      | 22.9711 | 23.6086 |
| 2009 | 6     | 28  | 19   | 22     | 15     | 0.3       | 3.3     | 1.15  | 87.9      | 22.9938 | 23.296  |
| 2009 | 6     | 28  | 19   | 32     | 15     | 0.3       | 3.3     | 1.12  | 84.8      | 22.9938 | 22.6902 |
| 2009 | 6     | 28  | 19   | 42     | 15     | 0.3       | 3.3     | 1.15  | 87.2      | 22.9711 | 23.3395 |
| 2009 | 6     | 28  | 19   | 52     | 15     | 0.3       | 3.3     | 1.14  | 86.4      | 22.9711 | 23.0705 |
| 2009 | 6     | 28  | 20   | 2      | 15     | 0.3       | 3.3     | 1.2   | 85.1      | 22.9938 | 24.3061 |
| 2009 | 6     | 28  | 20   | 12     | 15     | 0.3       | 3.3     | 1.16  | 86.8      | 22.9938 | 23.5653 |
| 2009 | 6     | 28  | 20   | 22     | 15     | 0.3       | 3.3     | 1.2   | 88.1      | 22.9938 | 24.3734 |
| 2009 | 6     | 28  | 20   | 32     | 15     | 0.3       | 3.3     | 1.19  | 85.2      | 22.9938 | 24.0367 |
| 2009 | 6     | 28  | 20   | 42     | 15     | 0.3       | 3.3     | 1.18  | 85.2      | 22.9938 | 23.902  |
| 2009 | 6     | 28  | 20   | 52     | 15     | 0.3       | 3.3     | 1.2   | 84.1      | 22.9938 | 24.3061 |
| 2009 | 6     | 28  | 21   | 2      | 15     | 0.3       | 3.3     | 1.16  | 83        | 22.9938 | 23.296  |
| 2009 | 6     | 28  | 21   | 12     | 15     | 0.3       | 3.3     | 1.14  | 83.9      | 23.0165 | 22.9828 |
| 2009 | 6     | 28  | 21   | 22     | 15     | 0.3       | 3.3     | 1.15  | 83.8      | 23.0165 | 23.1175 |
| 2009 | 6     | 28  | 21   | 32     | 15     | 0.3       | 3.3     | 1.17  | 85        | 23.0165 | 23.5893 |
| 2009 | 6     | 28  | 21   | 42     | 15     | 0.3       | 3.3     | 1.22  | 86.8      | 23.0165 | 24.8028 |
| 2009 | 6     | 28  | 21   | 52     | 15     | 0.3       | 3.3     | 1.23  | 86        | 23.0165 | 25.0051 |
| 2009 | 6     | 28  | 22   | 2      | 15     | 0.3       | 3.3     | 1.19  | 85.6      | 23.0392 | 24.2205 |
| 2009 | 6     | 28  | 22   | 12     | 15     | 0.3       | 3.3     | 1.14  | 85        | 23.0618 | 23.0295 |
| 2009 | 6     | 28  | 22   | 22     | 15     | 0.3       | 3.3     | 1.14  | 84.2      | 23.0392 | 23.0736 |
| 2009 | 6     | 28  | 22   | 32     | 15     | 0.3       | 3.3     | 1.17  | 86.6      | 23.0618 | 23.8398 |
| 2009 | 6     | 28  | 22   | 42     | 15     | 0.3       | 3.3     | 1.17  | 84.5      | 23.0618 | 23.7047 |
| 2009 | 6     | 28  | 22   | 52     | 15     | 0.3       | 3.3     | 1.21  | 86.6      | 23.0618 | 24.6505 |
| 2009 | 6     | 28  | 23   | 2      | 15     | 0.3       | 3.3     | 1.19  | 84.8      | 23.0845 | 24.2021 |
| 2009 | 6     | 28  | 23   | 12     | 15     | 0.3       | 3.3     | 1.17  | 86        | 23.0845 | 23.7964 |
| 2009 | 6     | 28  | 23   | 22     | 15     | 0.3       | 3.3     | 1.19  | 87.2      | 23.0845 | 24.2697 |
| 2009 | 6     | 28  | 23   | 32     | 15     | 0.3       | 3.3     | 1.21  | 87.2      | 23.1072 | 24.5651 |
| 2009 | 6     | 28  | 23   | 42     | 15     | 0.3       | 3.3     | 1.22  | 85.5      | 23.1072 | 24.8359 |
| 2009 | 6     | 28  | 23   | 52     | 15     | 0.3       | 3.6     | 1.19  | 86.7      | 23.1299 | 24.3189 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 29  | 0    | 2      | 15     | 0.3       | 3.6     | 1.24  | 85        | 23.1299 | 25.1321 |
| 2009 | 6     | 29  | 0    | 12     | 15     | 0.3       | 3.6     | 1.2   | 85.1      | 23.1525 | 24.4791 |
| 2009 | 6     | 29  | 0    | 22     | 15     | 0.3       | 3.6     | 1.18  | 86        | 23.1525 | 24.1399 |
| 2009 | 6     | 29  | 0    | 32     | 15     | 0.3       | 3.6     | 1.21  | 84.2      | 23.1525 | 24.5469 |
| 2009 | 6     | 29  | 0    | 42     | 15     | 0.3       | 3.6     | 1.18  | 85.1      | 23.1525 | 24.0043 |
| 2009 | 6     | 29  | 0    | 52     | 15     | 0.3       | 3.6     | 1.21  | 87.5      | 23.1752 | 24.7075 |
| 2009 | 6     | 29  | 1    | 2      | 15     | 0.3       | 3.6     | 1.18  | 85.7      | 23.1525 | 24.0721 |
| 2009 | 6     | 29  | 1    | 12     | 15     | 0.3       | 3.6     | 1.19  | 84        | 23.1752 | 24.2322 |
| 2009 | 6     | 29  | 1    | 22     | 15     | 0.3       | 3.6     | 1.18  | 85.2      | 23.1752 | 23.9607 |
| 2009 | 6     | 29  | 1    | 32     | 15     | 0.3       | 3.6     | 1.17  | 84        | 23.1752 | 23.757  |
| 2009 | 6     | 29  | 1    | 42     | 15     | 0.3       | 3.6     | 1.24  | 84.7      | 23.1752 | 25.1829 |
| 2009 | 6     | 29  | 1    | 52     | 15     | 0.3       | 3.6     | 1.19  | 87.5      | 23.1979 | 24.2566 |
| 2009 | 6     | 29  | 2    | 2      | 15     | 0.3       | 3.6     | 1.2   | 84.5      | 23.1752 | 24.5038 |
| 2009 | 6     | 29  | 2    | 12     | 15     | 0.3       | 3.6     | 1.22  | 86.3      | 23.1979 | 24.9363 |
| 2009 | 6     | 29  | 2    | 22     | 15     | 0.3       | 3.6     | 1.21  | 87.2      | 23.1979 | 24.7324 |
| 2009 | 6     | 29  | 2    | 32     | 15     | 0.3       | 3.6     | 1.16  | 84.2      | 23.1979 | 23.713  |
| 2009 | 6     | 29  | 2    | 42     | 15     | 0.3       | 3.6     | 1.17  | 86.8      | 23.1979 | 23.9848 |
| 2009 | 6     | 29  | 2    | 52     | 15     | 0.3       | 3.6     | 1.18  | 85.2      | 23.1979 | 23.9848 |
| 2009 | 6     | 29  | 3    | 2      | 15     | 0.3       | 3.6     | 1.21  | 88.1      | 23.1979 | 24.8684 |
| 2009 | 6     | 29  | 3    | 12     | 15     | 0.3       | 3.6     | 1.2   | 85        | 23.1979 | 24.5285 |
| 2009 | 6     | 29  | 3    | 22     | 15     | 0.3       | 3.6     | 1.21  | 85.5      | 23.1979 | 24.6644 |
| 2009 | 6     | 29  | 3    | 32     | 15     | 0.3       | 3.6     | 1.18  | 85.4      | 23.1979 | 24.1887 |
| 2009 | 6     | 29  | 3    | 42     | 15     | 0.3       | 3.6     | 1.2   | 86.2      | 23.1979 | 24.5965 |
| 2009 | 6     | 29  | 3    | 52     | 15     | 0.3       | 3.6     | 1.2   | 86.9      | 23.1979 | 24.5285 |
| 2009 | 6     | 29  | 4    | 2      | 15     | 0.3       | 3.6     | 1.19  | 84.9      | 23.1979 | 24.3246 |
| 2009 | 6     | 29  | 4    | 12     | 15     | 0.3       | 3.6     | 1.15  | 83.1      | 23.2205 | 23.4649 |
| 2009 | 6     | 29  | 4    | 22     | 15     | 0.3       | 3.6     | 1.18  | 85.9      | 23.2205 | 24.213  |
| 2009 | 6     | 29  | 4    | 32     | 15     | 0.3       | 3.6     | 1.22  | 85.4      | 23.2205 | 24.8934 |
| 2009 | 6     | 29  | 4    | 42     | 15     | 0.3       | 3.6     | 1.18  | 84.6      | 23.2205 | 24.077  |
| 2009 | 6     | 29  | 4    | 52     | 15     | 0.3       | 3.6     | 1.22  | 86.2      | 23.2205 | 25.0295 |
| 2009 | 6     | 29  | 5    | 2      | 15     | 0.3       | 3.6     | 1.18  | 85.9      | 23.2205 | 24.213  |
| 2009 | 6     | 29  | 5    | 12     | 15     | 0.3       | 3.6     | 1.18  | 85.4      | 23.2432 | 24.1693 |
| 2009 | 6     | 29  | 5    | 22     | 15     | 0.3       | 3.6     | 1.23  | 87.4      | 23.2432 | 25.2591 |
| 2009 | 6     | 29  | 5    | 32     | 15     | 0.3       | 3.6     | 1.19  | 85.4      | 23.2432 | 24.4417 |
| 2009 | 6     | 29  | 5    | 42     | 15     | 0.3       | 3.6     | 1.22  | 87.1      | 23.2432 | 24.9185 |
| 2009 | 6     | 29  | 5    | 52     | 15     | 0.3       | 3.6     | 1.15  | 84.9      | 23.2432 | 23.5566 |
| 2009 | 6     | 29  | 6    | 2      | 15     | 0.3       | 3.6     | 1.21  | 86.7      | 23.2432 | 24.8503 |
| 2009 | 6     | 29  | 6    | 12     | 15     | 0.3       | 3.6     | 1.18  | 83.9      | 23.2658 | 24.1254 |
| 2009 | 6     | 29  | 6    | 22     | 15     | 0.3       | 3.6     | 1.21  | 87.4      | 23.2885 | 24.832  |
| 2009 | 6     | 29  | 6    | 32     | 15     | 0.3       | 3.6     | 1.17  | 85        | 23.2658 | 23.8528 |
| 2009 | 6     | 29  | 6    | 42     | 15     | 0.3       | 3.6     | 1.2   | 84.7      | 23.2885 | 24.559  |
| 2009 | 6     | 29  | 6    | 52     | 15     | 0.3       | 3.6     | 1.19  | 82.7      | 23.2885 | 24.2179 |
| 2009 | 6     | 29  | 7    | 2      | 15     | 0.3       | 3.6     | 1.18  | 84.9      | 23.3338 | 24.1297 |
| 2009 | 6     | 29  | 7    | 12     | 15     | 0.3       | 3.6     | 1.23  | 85.4      | 23.3111 | 25.3352 |
| 2009 | 6     | 29  | 7    | 22     | 15     | 0.3       | 3.6     | 1.17  | 85.7      | 23.3338 | 24.1297 |
| 2009 | 6     | 29  | 7    | 32     | 15     | 0.3       | 3.6     | 1.19  | 87.1      | 23.3338 | 24.4032 |
| 2009 | 6     | 29  | 7    | 42     | 15     | 0.3       | 3.6     | 1.21  | 86.1      | 23.3338 | 24.8134 |
| 2009 | 6     | 29  | 7    | 52     | 15     | 0.3       | 3.6     | 1.22  | 85.1      | 23.3564 | 25.0436 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 29  | 8    | 2      | 15     | 0.3       | 3.6     | 1.18  | 87.8      | 23.3564 | 24.3591 |
| 2009 | 6     | 29  | 8    | 12     | 15     | 0.3       | 3.6     | 1.22  | 85.7      | 23.3564 | 25.1121 |
| 2009 | 6     | 29  | 8    | 22     | 15     | 0.3       | 3.6     | 1.21  | 86.1      | 23.3564 | 24.8382 |
| 2009 | 6     | 29  | 8    | 32     | 15     | 0.3       | 3.6     | 1.21  | 85.3      | 23.379  | 24.8631 |
| 2009 | 6     | 29  | 8    | 42     | 15     | 0.3       | 3.6     | 1.22  | 84.9      | 23.379  | 25.1372 |
| 2009 | 6     | 29  | 8    | 52     | 15     | 0.3       | 3.6     | 1.22  | 83.7      | 23.379  | 25.1372 |
| 2009 | 6     | 29  | 9    | 2      | 15     | 0.3       | 3.6     | 1.22  | 86.3      | 23.379  | 25.2057 |
| 2009 | 6     | 29  | 9    | 12     | 15     | 0.3       | 3.6     | 1.18  | 86.3      | 23.379  | 24.315  |
| 2009 | 6     | 29  | 9    | 22     | 15     | 0.3       | 3.6     | 1.25  | 87.1      | 23.379  | 25.8225 |
| 2009 | 6     | 29  | 9    | 32     | 15     | 0.3       | 3.6     | 1.28  | 86.9      | 23.379  | 26.371  |
| 2009 | 6     | 29  | 9    | 42     | 15     | 0.3       | 3.6     | 1.18  | 87.3      | 23.4017 | 24.3393 |
| 2009 | 6     | 29  | 9    | 52     | 15     | 0.3       | 3.6     | 1.21  | 86.6      | 23.4017 | 24.8879 |
| 2009 | 6     | 29  | 10   | 2      | 15     | 0.3       | 3.6     | 1.24  | 87        | 23.4017 | 25.5739 |
| 2009 | 6     | 29  | 10   | 12     | 15     | 0.3       | 3.6     | 1.23  | 86.3      | 23.4017 | 25.2994 |
| 2009 | 6     | 29  | 10   | 22     | 15     | 0.3       | 3.6     | 1.17  | 86        | 23.4017 | 24.2021 |
| 2009 | 6     | 29  | 10   | 32     | 15     | 0.3       | 3.6     | 1.19  | 84.6      | 23.4017 | 24.4078 |
| 2009 | 6     | 29  | 10   | 42     | 15     | 0.3       | 3.6     | 1.24  | 85.6      | 23.4017 | 25.5053 |
| 2009 | 6     | 29  | 10   | 52     | 15     | 0.3       | 3.6     | 1.21  | 82.5      | 23.4017 | 24.7507 |
| 2009 | 6     | 29  | 11   | 2      | 15     | 0.3       | 3.6     | 1.21  | 85.3      | 23.379  | 24.8631 |
| 2009 | 6     | 29  | 11   | 12     | 15     | 0.3       | 3.6     | 1.2   | 84.1      | 23.4017 | 24.7507 |
| 2009 | 6     | 29  | 11   | 22     | 15     | 0.3       | 3.6     | 1.22  | 85.4      | 23.379  | 25.0686 |
| 2009 | 6     | 29  | 11   | 32     | 15     | 0.3       | 3.6     | 1.21  | 88        | 23.4017 | 25.0937 |
| 2009 | 6     | 29  | 11   | 42     | 15     | 0.3       | 3.6     | 1.2   | 87.5      | 23.4017 | 24.7507 |
| 2009 | 6     | 29  | 11   | 52     | 15     | 0.3       | 3.6     | 1.21  | 85.8      | 23.379  | 25.0001 |
| 2009 | 6     | 29  | 12   | 2      | 15     | 0.3       | 3.6     | 1.23  | 87.2      | 23.4017 | 25.2994 |
| 2009 | 6     | 29  | 12   | 12     | 15     | 0.3       | 3.6     | 1.17  | 85.2      | 23.4017 | 23.9964 |
| 2009 | 6     | 29  | 12   | 22     | 15     | 0.3       | 3.6     | 1.17  | 83.9      | 23.4017 | 23.9964 |
| 2009 | 6     | 29  | 12   | 32     | 15     | 0.3       | 3.6     | 1.23  | 87.1      | 23.379  | 25.3428 |
| 2009 | 6     | 29  | 12   | 42     | 15     | 0.3       | 3.6     | 1.17  | 86.1      | 23.4017 | 24.065  |
| 2009 | 6     | 29  | 12   | 52     | 15     | 0.3       | 3.6     | 1.2   | 85.9      | 23.3564 | 24.6329 |
| 2009 | 6     | 29  | 13   | 2      | 15     | 0.3       | 3.6     | 1.19  | 84        | 23.379  | 24.452  |
| 2009 | 6     | 29  | 13   | 12     | 15     | 0.3       | 3.6     | 1.17  | 84.4      | 23.3564 | 24.0854 |
| 2009 | 6     | 29  | 13   | 22     | 15     | 0.3       | 3.6     | 1.22  | 85.2      | 23.379  | 25.0686 |
| 2009 | 6     | 29  | 13   | 32     | 15     | 0.3       | 3.6     | 1.18  | 83.1      | 23.3564 | 24.1538 |
| 2009 | 6     | 29  | 13   | 42     | 15     | 0.3       | 3.6     | 1.18  | 86        | 23.3564 | 24.3591 |
| 2009 | 6     | 29  | 13   | 52     | 15     | 0.3       | 3.6     | 1.13  | 84.5      | 23.3564 | 23.2645 |
| 2009 | 6     | 29  | 14   | 2      | 15     | 0.3       | 3.6     | 1.21  | 85.6      | 23.3564 | 24.8382 |
| 2009 | 6     | 29  | 14   | 12     | 15     | 0.3       | 3.6     | 1.19  | 83.9      | 23.3564 | 24.496  |
| 2009 | 6     | 29  | 14   | 22     | 15     | 0.3       | 3.6     | 1.18  | 83.8      | 23.3564 | 24.2907 |
| 2009 | 6     | 29  | 14   | 32     | 15     | 0.3       | 3.6     | 1.18  | 85.4      | 23.3564 | 24.2223 |
| 2009 | 6     | 29  | 14   | 42     | 15     | 0.3       | 3.6     | 1.19  | 84.6      | 23.3564 | 24.496  |
| 2009 | 6     | 29  | 14   | 52     | 15     | 0.3       | 3.6     | 1.2   | 86.1      | 23.3564 | 24.7698 |
| 2009 | 6     | 29  | 15   | 2      | 15     | 0.3       | 3.6     | 1.18  | 84.3      | 23.3564 | 24.2907 |
| 2009 | 6     | 29  | 15   | 12     | 15     | 0.3       | 3.6     | 1.17  | 85.2      | 23.3564 | 23.9486 |
| 2009 | 6     | 29  | 15   | 22     | 15     | 0.3       | 3.6     | 1.22  | 85.8      | 23.3564 | 25.0436 |
| 2009 | 6     | 29  | 15   | 32     | 15     | 0.3       | 3.6     | 1.18  | 86.5      | 23.3564 | 24.3591 |
| 2009 | 6     | 29  | 15   | 42     | 15     | 0.3       | 3.6     | 1.2   | 85.3      | 23.3564 | 24.7698 |
| 2009 | 6     | 29  | 15   | 52     | 15     | 0.3       | 3.6     | 1.22  | 83.8      | 23.3564 | 24.9752 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 29  | 16   | 2      | 15     | 0.3       | 3.6     | 1.19  | 84        | 23.379  | 24.452  |
| 2009 | 6     | 29  | 16   | 12     | 15     | 0.3       | 3.6     | 1.17  | 82.9      | 23.3564 | 23.9486 |
| 2009 | 6     | 29  | 16   | 22     | 15     | 0.3       | 3.6     | 1.16  | 84.5      | 23.3564 | 23.8117 |
| 2009 | 6     | 29  | 16   | 32     | 15     | 0.3       | 3.6     | 1.2   | 84        | 23.379  | 24.589  |
| 2009 | 6     | 29  | 16   | 42     | 15     | 0.3       | 3.6     | 1.19  | 86.2      | 23.379  | 24.589  |
| 2009 | 6     | 29  | 16   | 52     | 15     | 0.3       | 3.6     | 1.2   | 83.6      | 23.379  | 24.6575 |
| 2009 | 6     | 29  | 17   | 2      | 15     | 0.3       | 3.6     | 1.22  | 86.1      | 23.379  | 25.1372 |
| 2009 | 6     | 29  | 17   | 12     | 15     | 0.3       | 3.6     | 1.23  | 84.2      | 23.3564 | 25.3175 |
| 2009 | 6     | 29  | 17   | 22     | 15     | 0.3       | 3.6     | 1.22  | 84.4      | 23.3564 | 24.9752 |
| 2009 | 6     | 29  | 17   | 32     | 15     | 0.3       | 3.6     | 1.21  | 84.2      | 23.3564 | 24.7698 |
| 2009 | 6     | 29  | 17   | 42     | 15     | 0.3       | 3.6     | 1.25  | 85.5      | 23.379  | 25.6854 |
| 2009 | 6     | 29  | 17   | 52     | 15     | 0.3       | 3.6     | 1.25  | 84.9      | 23.379  | 25.6854 |
| 2009 | 6     | 29  | 18   | 2      | 15     | 0.3       | 3.6     | 1.15  | 82.3      | 23.4017 | 23.5851 |
| 2009 | 6     | 29  | 18   | 12     | 15     | 0.3       | 3.6     | 1.19  | 83.7      | 23.4017 | 24.4078 |
| 2009 | 6     | 29  | 18   | 22     | 15     | 0.3       | 3.6     | 1.22  | 85.5      | 23.4017 | 25.1622 |
| 2009 | 6     | 29  | 18   | 32     | 15     | 0.3       | 3.6     | 1.21  | 84.9      | 23.4017 | 24.9565 |
| 2009 | 6     | 29  | 18   | 42     | 15     | 0.3       | 3.6     | 1.18  | 84.2      | 23.4017 | 24.2021 |
| 2009 | 6     | 29  | 18   | 52     | 15     | 0.3       | 3.6     | 1.25  | 84.3      | 23.4017 | 25.7797 |
| 2009 | 6     | 29  | 19   | 2      | 15     | 0.3       | 3.6     | 1.15  | 84.8      | 23.4243 | 23.7459 |
| 2009 | 6     | 29  | 19   | 12     | 15     | 0.3       | 3.6     | 1.17  | 86        | 23.4243 | 24.2262 |
| 2009 | 6     | 29  | 19   | 22     | 15     | 0.3       | 3.6     | 1.19  | 85.7      | 23.4243 | 24.5008 |
| 2009 | 6     | 29  | 19   | 32     | 15     | 0.3       | 3.6     | 1.17  | 83.3      | 23.4243 | 24.089  |
| 2009 | 6     | 29  | 19   | 42     | 15     | 0.3       | 3.6     | 1.19  | 85.2      | 23.4243 | 24.4322 |
| 2009 | 6     | 29  | 19   | 52     | 15     | 0.3       | 3.6     | 1.22  | 86.5      | 23.4243 | 25.256  |
| 2009 | 6     | 29  | 20   | 2      | 15     | 0.3       | 3.6     | 1.18  | 85.1      | 23.4243 | 24.3635 |
| 2009 | 6     | 29  | 20   | 12     | 15     | 0.3       | 3.6     | 1.17  | 84.4      | 23.4243 | 24.1576 |
| 2009 | 6     | 29  | 20   | 22     | 15     | 0.3       | 3.6     | 1.18  | 84.6      | 23.4469 | 24.3878 |
| 2009 | 6     | 29  | 20   | 32     | 15     | 0.3       | 3.6     | 1.2   | 85.9      | 23.4243 | 24.7754 |
| 2009 | 6     | 29  | 20   | 42     | 15     | 0.3       | 3.6     | 1.19  | 82.6      | 23.4469 | 24.5252 |
| 2009 | 6     | 29  | 20   | 52     | 15     | 0.3       | 3.6     | 1.18  | 85.7      | 23.4469 | 24.4565 |
| 2009 | 6     | 29  | 21   | 2      | 15     | 0.3       | 3.6     | 1.18  | 83.9      | 23.4469 | 24.3191 |
| 2009 | 6     | 29  | 21   | 12     | 15     | 0.3       | 3.6     | 1.23  | 83.9      | 23.4469 | 25.4186 |
| 2009 | 6     | 29  | 21   | 22     | 15     | 0.3       | 3.6     | 1.22  | 85.2      | 23.4469 | 25.1437 |
| 2009 | 6     | 29  | 21   | 32     | 15     | 0.3       | 3.6     | 1.24  | 83        | 23.4469 | 25.4874 |
| 2009 | 6     | 29  | 21   | 42     | 15     | 0.3       | 3.6     | 1.16  | 84.3      | 23.4469 | 23.9756 |
| 2009 | 6     | 29  | 21   | 52     | 15     | 0.3       | 3.6     | 1.22  | 84.7      | 23.4469 | 25.075  |
| 2009 | 6     | 29  | 22   | 2      | 15     | 0.3       | 3.6     | 1.17  | 85.8      | 23.4696 | 24.137  |
| 2009 | 6     | 29  | 22   | 12     | 15     | 0.3       | 3.6     | 1.18  | 84.6      | 23.4469 | 24.2504 |
| 2009 | 6     | 29  | 22   | 22     | 15     | 0.3       | 3.6     | 1.23  | 84.9      | 23.4469 | 25.3499 |
| 2009 | 6     | 29  | 22   | 32     | 15     | 0.3       | 3.6     | 1.23  | 86.9      | 23.4696 | 25.3751 |
| 2009 | 6     | 29  | 22   | 42     | 15     | 0.3       | 3.6     | 1.22  | 83.8      | 23.4696 | 25.0999 |
| 2009 | 6     | 29  | 22   | 52     | 15     | 0.3       | 3.6     | 1.26  | 85.5      | 23.4696 | 26.1321 |
| 2009 | 6     | 29  | 23   | 2      | 15     | 0.3       | 3.6     | 1.17  | 85.2      | 23.4696 | 24.2057 |
| 2009 | 6     | 29  | 23   | 12     | 15     | 0.3       | 3.6     | 1.18  | 85.6      | 23.4696 | 24.4808 |
| 2009 | 6     | 29  | 23   | 22     | 15     | 0.3       | 3.6     | 1.22  | 87.5      | 23.4696 | 25.3063 |
| 2009 | 6     | 29  | 23   | 32     | 15     | 0.3       | 3.6     | 1.2   | 84.2      | 23.4696 | 24.756  |
| 2009 | 6     | 29  | 23   | 42     | 15     | 0.3       | 3.6     | 1.24  | 86.2      | 23.4696 | 25.5815 |
| 2009 | 6     | 29  | 23   | 52     | 15     | 0.3       | 3.6     | 1.23  | 85.1      | 23.4696 | 25.3751 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 30  | 0    | 2      | 15     | 0.3       | 3.6     | 1.2   | 84.2      | 23.4922 | 24.7117 |
| 2009 | 6     | 30  | 0    | 12     | 15     | 0.3       | 3.6     | 1.19  | 84.8      | 23.4696 | 24.4808 |
| 2009 | 6     | 30  | 0    | 22     | 15     | 0.3       | 3.6     | 1.18  | 84.3      | 23.4922 | 24.4363 |
| 2009 | 6     | 30  | 0    | 32     | 15     | 0.3       | 3.6     | 1.23  | 85.7      | 23.4696 | 25.5127 |
| 2009 | 6     | 30  | 0    | 42     | 15     | 0.3       | 3.6     | 1.18  | 83.6      | 23.4922 | 24.3675 |
| 2009 | 6     | 30  | 0    | 52     | 15     | 0.3       | 3.6     | 1.21  | 86.1      | 23.4922 | 25.056  |
| 2009 | 6     | 30  | 1    | 2      | 15     | 0.3       | 3.6     | 1.2   | 85        | 23.4922 | 24.7806 |
| 2009 | 6     | 30  | 1    | 12     | 15     | 0.3       | 3.6     | 1.25  | 84.7      | 23.4922 | 25.8825 |
| 2009 | 6     | 30  | 1    | 22     | 15     | 0.3       | 3.6     | 1.22  | 85.8      | 23.4922 | 25.3314 |
| 2009 | 6     | 30  | 1    | 32     | 15     | 0.3       | 3.6     | 1.22  | 84.4      | 23.4922 | 25.1937 |
| 2009 | 6     | 30  | 1    | 42     | 15     | 0.3       | 3.6     | 1.21  | 84.7      | 23.4922 | 25.056  |
| 2009 | 6     | 30  | 1    | 52     | 15     | 0.3       | 3.6     | 1.23  | 85.9      | 23.4922 | 25.4692 |
| 2009 | 6     | 30  | 2    | 2      | 15     | 0.3       | 3.6     | 1.22  | 85.5      | 23.4922 | 25.2626 |
| 2009 | 6     | 30  | 2    | 12     | 15     | 0.3       | 3.6     | 1.2   | 84.7      | 23.4922 | 24.7806 |
| 2009 | 6     | 30  | 2    | 22     | 15     | 0.3       | 3.6     | 1.23  | 86.5      | 23.4922 | 25.5381 |
| 2009 | 6     | 30  | 2    | 32     | 15     | 0.3       | 3.6     | 1.21  | 87.4      | 23.4922 | 25.1248 |
| 2009 | 6     | 30  | 2    | 42     | 15     | 0.3       | 3.6     | 1.21  | 84.4      | 23.4922 | 25.056  |
| 2009 | 6     | 30  | 2    | 52     | 15     | 0.3       | 3.6     | 1.22  | 84.7      | 23.4922 | 25.1248 |
| 2009 | 6     | 30  | 3    | 2      | 15     | 0.3       | 3.6     | 1.17  | 85        | 23.4922 | 24.161  |
| 2009 | 6     | 30  | 3    | 12     | 15     | 0.3       | 3.6     | 1.22  | 84.3      | 23.5148 | 25.1498 |
| 2009 | 6     | 30  | 3    | 22     | 15     | 0.3       | 3.6     | 1.2   | 86.9      | 23.5148 | 24.8741 |
| 2009 | 6     | 30  | 3    | 32     | 15     | 0.3       | 3.6     | 1.19  | 84.6      | 23.5148 | 24.5295 |
| 2009 | 6     | 30  | 3    | 42     | 15     | 0.3       | 3.6     | 1.25  | 83.7      | 23.5148 | 25.9082 |
| 2009 | 6     | 30  | 3    | 52     | 15     | 0.3       | 3.6     | 1.22  | 82.9      | 23.5148 | 25.2187 |
| 2009 | 6     | 30  | 4    | 2      | 15     | 0.3       | 3.6     | 1.21  | 85.5      | 23.5148 | 25.1498 |
| 2009 | 6     | 30  | 4    | 12     | 15     | 0.3       | 3.6     | 1.21  | 83.6      | 23.5148 | 24.8741 |
| 2009 | 6     | 30  | 4    | 22     | 15     | 0.3       | 3.6     | 1.23  | 86.5      | 23.5148 | 25.4945 |
| 2009 | 6     | 30  | 4    | 32     | 15     | 0.3       | 3.6     | 1.21  | 86        | 23.5374 | 25.1057 |
| 2009 | 6     | 30  | 4    | 42     | 15     | 0.3       | 3.6     | 1.2   | 83.3      | 23.5374 | 24.8297 |
| 2009 | 6     | 30  | 4    | 52     | 15     | 0.3       | 3.6     | 1.23  | 85.9      | 23.5374 | 25.5888 |
| 2009 | 6     | 30  | 5    | 2      | 15     | 0.3       | 3.6     | 1.19  | 83.6      | 23.5374 | 24.4848 |
| 2009 | 6     | 30  | 5    | 12     | 15     | 0.3       | 3.6     | 1.23  | 84.5      | 23.5374 | 25.5197 |
| 2009 | 6     | 30  | 5    | 22     | 15     | 0.3       | 3.6     | 1.22  | 86.1      | 23.5374 | 25.2437 |
| 2009 | 6     | 30  | 5    | 32     | 15     | 0.3       | 3.6     | 1.18  | 85.4      | 23.56   | 24.371  |
| 2009 | 6     | 30  | 5    | 42     | 15     | 0.3       | 3.6     | 1.18  | 84.1      | 23.5374 | 24.3469 |
| 2009 | 6     | 30  | 5    | 52     | 15     | 0.3       | 3.6     | 1.2   | 85.6      | 23.5826 | 24.948  |
| 2009 | 6     | 30  | 6    | 2      | 15     | 0.3       | 3.6     | 1.21  | 87.2      | 23.56   | 25.1306 |
| 2009 | 6     | 30  | 6    | 12     | 15     | 0.3       | 3.6     | 1.22  | 84.7      | 23.5826 | 25.2937 |
| 2009 | 6     | 30  | 6    | 22     | 15     | 0.3       | 3.6     | 1.2   | 85.3      | 23.6052 | 24.9035 |
| 2009 | 6     | 30  | 6    | 32     | 15     | 0.3       | 3.6     | 1.22  | 85.5      | 23.6052 | 25.3187 |
| 2009 | 6     | 30  | 6    | 42     | 15     | 0.3       | 3.6     | 1.22  | 86.9      | 23.6052 | 25.3187 |
| 2009 | 6     | 30  | 6    | 52     | 15     | 0.3       | 3.6     | 1.21  | 85.8      | 23.6052 | 25.2495 |
| 2009 | 6     | 30  | 7    | 2      | 15     | 0.3       | 3.6     | 1.19  | 84.8      | 23.6278 | 24.7203 |
| 2009 | 6     | 30  | 7    | 12     | 15     | 0.3       | 3.6     | 1.22  | 85.5      | 23.6278 | 25.413  |
| 2009 | 6     | 30  | 7    | 22     | 15     | 0.3       | 3.6     | 1.21  | 86.1      | 23.6278 | 25.2052 |
| 2009 | 6     | 30  | 7    | 32     | 15     | 0.3       | 3.6     | 1.23  | 84.9      | 23.6278 | 25.5515 |
| 2009 | 6     | 30  | 7    | 42     | 15     | 0.3       | 3.6     | 1.2   | 85.5      | 23.6504 | 25.022  |
| 2009 | 6     | 30  | 7    | 52     | 15     | 0.3       | 3.6     | 1.21  | 85.5      | 23.6504 | 25.2993 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 30  | 8    | 2      | 15     | 0.3       | 3.6     | 1.21  | 85        | 23.6278 | 25.2052 |
| 2009 | 6     | 30  | 8    | 12     | 15     | 0.3       | 3.6     | 1.24  | 87.7      | 23.6504 | 25.9235 |
| 2009 | 6     | 30  | 8    | 22     | 15     | 0.3       | 3.6     | 1.19  | 84.9      | 23.6504 | 24.814  |
| 2009 | 6     | 30  | 8    | 32     | 15     | 0.3       | 3.6     | 1.21  | 85.2      | 23.673  | 25.3243 |
| 2009 | 6     | 30  | 8    | 42     | 15     | 0.3       | 3.6     | 1.25  | 86.1      | 23.6504 | 25.9929 |
| 2009 | 6     | 30  | 8    | 52     | 15     | 0.3       | 3.6     | 1.18  | 85.7      | 23.6504 | 24.606  |
| 2009 | 6     | 30  | 9    | 2      | 15     | 0.3       | 3.6     | 1.24  | 87        | 23.673  | 25.949  |
| 2009 | 6     | 30  | 9    | 12     | 15     | 0.3       | 3.6     | 1.21  | 86.1      | 23.673  | 25.3243 |
| 2009 | 6     | 30  | 9    | 22     | 15     | 0.3       | 3.6     | 1.17  | 85        | 23.673  | 24.4221 |
| 2009 | 6     | 30  | 9    | 32     | 15     | 0.3       | 3.6     | 1.21  | 86.1      | 23.673  | 25.3243 |
| 2009 | 6     | 30  | 9    | 42     | 15     | 0.3       | 3.6     | 1.23  | 85.7      | 23.673  | 25.6019 |
| 2009 | 6     | 30  | 9    | 52     | 15     | 0.3       | 3.6     | 1.24  | 87.7      | 23.673  | 26.0185 |
| 2009 | 6     | 30  | 10   | 2      | 15     | 0.3       | 3.6     | 1.25  | 86.1      | 23.673  | 26.1573 |
| 2009 | 6     | 30  | 10   | 12     | 15     | 0.3       | 3.6     | 1.2   | 85.3      | 23.673  | 24.9772 |
| 2009 | 6     | 30  | 10   | 22     | 15     | 0.3       | 3.6     | 1.17  | 85.3      | 23.673  | 24.4221 |
| 2009 | 6     | 30  | 10   | 32     | 15     | 0.3       | 3.6     | 1.2   | 85.6      | 23.673  | 25.0466 |
| 2009 | 6     | 30  | 10   | 42     | 15     | 0.3       | 3.6     | 1.21  | 84.4      | 23.673  | 25.2549 |
| 2009 | 6     | 30  | 10   | 52     | 15     | 0.3       | 3.6     | 1.24  | 84.8      | 23.673  | 25.8102 |
| 2009 | 6     | 30  | 11   | 2      | 15     | 0.3       | 3.6     | 1.22  | 85.1      | 23.673  | 25.5325 |
| 2009 | 6     | 30  | 11   | 12     | 15     | 0.3       | 3.6     | 1.23  | 84.2      | 23.673  | 25.6713 |
| 2009 | 6     | 30  | 11   | 22     | 15     | 0.3       | 3.6     | 1.18  | 85.4      | 23.673  | 24.6303 |
| 2009 | 6     | 30  | 11   | 32     | 15     | 0.3       | 3.6     | 1.22  | 86.3      | 23.673  | 25.5325 |
| 2009 | 6     | 30  | 11   | 42     | 15     | 0.3       | 3.6     | 1.16  | 85.8      | 23.673  | 24.2834 |
| 2009 | 6     | 30  | 11   | 52     | 15     | 0.3       | 3.6     | 1.23  | 85.3      | 23.673  | 25.7408 |
| 2009 | 6     | 30  | 12   | 2      | 15     | 0.3       | 3.6     | 1.21  | 85.2      | 23.6504 | 25.23   |
| 2009 | 6     | 30  | 12   | 12     | 15     | 0.3       | 3.6     | 1.19  | 83.6      | 23.673  | 24.6303 |
| 2009 | 6     | 30  | 12   | 22     | 15     | 0.3       | 3.6     | 1.26  | 85.5      | 23.673  | 26.3656 |
| 2009 | 6     | 30  | 12   | 32     | 15     | 0.3       | 3.6     | 1.24  | 86.5      | 23.673  | 25.949  |
| 2009 | 6     | 30  | 12   | 42     | 15     | 0.3       | 3.6     | 1.23  | 84.5      | 23.6504 | 25.5074 |
| 2009 | 6     | 30  | 12   | 52     | 15     | 0.3       | 3.6     | 1.2   | 84.6      | 23.6504 | 24.8833 |
| 2009 | 6     | 30  | 13   | 2      | 15     | 0.3       | 3.6     | 1.24  | 85.4      | 23.6504 | 25.7848 |
| 2009 | 6     | 30  | 13   | 12     | 15     | 0.3       | 3.6     | 1.22  | 85.2      | 23.6504 | 25.3687 |
| 2009 | 6     | 30  | 13   | 22     | 15     | 0.3       | 3.6     | 1.23  | 88.2      | 23.6504 | 25.6461 |
| 2009 | 6     | 30  | 13   | 32     | 15     | 0.3       | 3.6     | 1.21  | 87.7      | 23.6278 | 25.2744 |
| 2009 | 6     | 30  | 13   | 42     | 15     | 0.3       | 3.6     | 1.24  | 88.5      | 23.6278 | 25.8287 |
| 2009 | 6     | 30  | 13   | 52     | 15     | 0.3       | 3.6     | 1.16  | 82.9      | 23.6278 | 24.0971 |
| 2009 | 6     | 30  | 14   | 2      | 15     | 0.3       | 3.6     | 1.22  | 86        | 23.6504 | 25.3687 |
| 2009 | 6     | 30  | 14   | 12     | 15     | 0.3       | 3.6     | 1.27  | 84.4      | 23.6504 | 26.4784 |
| 2009 | 6     | 30  | 14   | 22     | 15     | 0.3       | 3.6     | 1.24  | 87.4      | 23.6278 | 25.898  |
| 2009 | 6     | 30  | 14   | 32     | 15     | 0.3       | 3.6     | 1.23  | 84.9      | 23.6278 | 25.4823 |
| 2009 | 6     | 30  | 14   | 42     | 15     | 0.3       | 3.6     | 1.27  | 86.9      | 23.6278 | 26.591  |
| 2009 | 6     | 30  | 14   | 52     | 15     | 0.3       | 3.6     | 1.23  | 86        | 23.6278 | 25.6208 |
| 2009 | 6     | 30  | 15   | 2      | 15     | 0.3       | 3.6     | 1.25  | 87.8      | 23.6278 | 26.1751 |
| 2009 | 6     | 30  | 15   | 12     | 15     | 0.3       | 3.6     | 1.25  | 86.2      | 23.6278 | 26.0366 |
| 2009 | 6     | 30  | 15   | 22     | 15     | 0.3       | 3.6     | 1.21  | 85.9      | 23.6278 | 25.1359 |
| 2009 | 6     | 30  | 15   | 32     | 15     | 0.3       | 3.6     | 1.17  | 83.5      | 23.6278 | 24.1663 |
| 2009 | 6     | 30  | 15   | 42     | 15     | 0.3       | 3.6     | 1.25  | 84.9      | 23.6278 | 26.1059 |
| 2009 | 6     | 30  | 15   | 52     | 15     | 0.3       | 3.6     | 1.21  | 83.3      | 23.6504 | 25.0913 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 30  | 16   | 2      | 15     | 0.3       | 3.6     | 1.22  | 84.1      | 23.6504 | 25.3687 |
| 2009 | 6     | 30  | 16   | 12     | 15     | 0.3       | 3.6     | 1.24  | 83.3      | 23.6504 | 25.6461 |
| 2009 | 6     | 30  | 16   | 22     | 15     | 0.3       | 3.6     | 1.23  | 83.4      | 23.6504 | 25.438  |
| 2009 | 6     | 30  | 16   | 32     | 15     | 0.3       | 3.6     | 1.29  | 85.2      | 23.6504 | 26.9641 |
| 2009 | 6     | 30  | 16   | 42     | 15     | 0.3       | 3.6     | 1.24  | 84.7      | 23.6504 | 25.7154 |
| 2009 | 6     | 30  | 16   | 52     | 15     | 0.3       | 3.6     | 1.25  | 85.6      | 23.6504 | 25.9929 |
| 2009 | 6     | 30  | 17   | 2      | 15     | 0.3       | 3.6     | 1.25  | 85        | 23.6278 | 25.9673 |
| 2009 | 6     | 30  | 17   | 12     | 15     | 0.3       | 3.6     | 1.15  | 83.3      | 23.6504 | 23.8437 |
| 2009 | 6     | 30  | 17   | 22     | 15     | 0.3       | 3.6     | 1.28  | 86.2      | 23.6504 | 26.6172 |
| 2009 | 6     | 30  | 17   | 32     | 15     | 0.3       | 3.6     | 1.22  | 83.4      | 23.6504 | 25.2993 |
| 2009 | 6     | 30  | 17   | 42     | 15     | 0.3       | 3.6     | 1.23  | 84.9      | 23.6504 | 25.5074 |
| 2009 | 6     | 30  | 17   | 52     | 15     | 0.3       | 3.6     | 1.2   | 83.7      | 23.6504 | 24.8833 |
| 2009 | 6     | 30  | 18   | 2      | 15     | 0.3       | 3.6     | 1.25  | 85.3      | 23.673  | 26.0185 |
| 2009 | 6     | 30  | 18   | 12     | 15     | 0.3       | 3.6     | 1.23  | 85.4      | 23.673  | 25.6713 |
| 2009 | 6     | 30  | 18   | 22     | 15     | 0.3       | 3.6     | 1.21  | 84.7      | 23.6504 | 25.0913 |
| 2009 | 6     | 30  | 18   | 32     | 15     | 0.3       | 3.6     | 1.21  | 82.7      | 23.673  | 25.0466 |
| 2009 | 6     | 30  | 18   | 42     | 15     | 0.3       | 3.6     | 1.26  | 87.5      | 23.673  | 26.3656 |
| 2009 | 6     | 30  | 18   | 52     | 15     | 0.3       | 3.6     | 1.22  | 84.9      | 23.673  | 25.3243 |
| 2009 | 6     | 30  | 19   | 2      | 15     | 0.3       | 3.6     | 1.27  | 84.8      | 23.673  | 26.3656 |
| 2009 | 6     | 30  | 19   | 12     | 15     | 0.3       | 3.6     | 1.21  | 83.9      | 23.673  | 25.1855 |
| 2009 | 6     | 30  | 19   | 22     | 15     | 0.3       | 3.6     | 1.21  | 83.9      | 23.673  | 25.1855 |
| 2009 | 6     | 30  | 19   | 32     | 15     | 0.3       | 3.6     | 1.21  | 83.4      | 23.673  | 25.0466 |
| 2009 | 6     | 30  | 19   | 42     | 15     | 0.3       | 3.6     | 1.2   | 84.7      | 23.6955 | 25.0018 |
| 2009 | 6     | 30  | 19   | 52     | 15     | 0.3       | 3.6     | 1.23  | 84.8      | 23.6955 | 25.6271 |
| 2009 | 6     | 30  | 20   | 2      | 15     | 0.3       | 3.6     | 1.27  | 86.3      | 23.673  | 26.4351 |
| 2009 | 6     | 30  | 20   | 12     | 15     | 0.3       | 3.6     | 1.27  | 85.8      | 23.7181 | 26.4871 |
| 2009 | 6     | 30  | 20   | 22     | 15     | 0.3       | 3.6     | 1.19  | 85.2      | 23.6955 | 24.7934 |
| 2009 | 6     | 30  | 20   | 32     | 15     | 0.3       | 3.6     | 1.25  | 86.4      | 23.7181 | 26.0696 |
| 2009 | 6     | 30  | 20   | 42     | 15     | 0.3       | 3.6     | 1.25  | 85.2      | 23.7181 | 26.0696 |
| 2009 | 6     | 30  | 20   | 52     | 15     | 0.3       | 3.6     | 1.25  | 86.5      | 23.7181 | 26.0696 |
| 2009 | 6     | 30  | 21   | 2      | 15     | 0.3       | 3.6     | 1.23  | 86        | 23.7181 | 25.7914 |
| 2009 | 6     | 30  | 21   | 12     | 15     | 0.3       | 3.6     | 1.25  | 86.2      | 23.7181 | 26.1392 |
| 2009 | 6     | 30  | 21   | 22     | 15     | 0.3       | 3.6     | 1.21  | 85.2      | 23.7181 | 25.235  |
| 2009 | 6     | 30  | 21   | 32     | 15     | 0.3       | 3.6     | 1.24  | 86.2      | 23.7407 | 25.8863 |
| 2009 | 6     | 30  | 21   | 42     | 15     | 0.3       | 3.6     | 1.23  | 85.4      | 23.7407 | 25.7471 |
| 2009 | 6     | 30  | 21   | 52     | 15     | 0.3       | 3.6     | 1.22  | 86        | 23.7407 | 25.4686 |
| 2009 | 6     | 30  | 22   | 2      | 15     | 0.3       | 3.6     | 1.24  | 86.2      | 23.7407 | 25.956  |
| 2009 | 6     | 30  | 22   | 12     | 15     | 0.3       | 3.6     | 1.2   | 85.9      | 23.7407 | 25.051  |
| 2009 | 6     | 30  | 22   | 22     | 15     | 0.3       | 3.6     | 1.26  | 85.7      | 23.7407 | 26.4434 |
| 2009 | 6     | 30  | 22   | 32     | 15     | 0.3       | 3.6     | 1.22  | 87.2      | 23.7407 | 25.4686 |
| 2009 | 6     | 30  | 22   | 42     | 15     | 0.3       | 3.6     | 1.24  | 84.8      | 23.7633 | 25.9814 |
| 2009 | 6     | 30  | 22   | 52     | 15     | 0.3       | 3.6     | 1.23  | 85        | 23.7633 | 25.7723 |
| 2009 | 6     | 30  | 23   | 2      | 15     | 0.3       | 3.6     | 1.23  | 87.4      | 23.7407 | 25.7471 |
| 2009 | 6     | 30  | 23   | 12     | 15     | 0.3       | 3.6     | 1.18  | 84.6      | 23.7633 | 24.5879 |
| 2009 | 6     | 30  | 23   | 22     | 15     | 0.3       | 3.6     | 1.24  | 85.9      | 23.7633 | 25.9117 |
| 2009 | 6     | 30  | 23   | 32     | 15     | 0.3       | 3.6     | 1.23  | 86.6      | 23.7633 | 25.7723 |
| 2009 | 6     | 30  | 23   | 42     | 15     | 0.3       | 3.6     | 1.22  | 83.5      | 23.7633 | 25.5633 |
| 2009 | 6     | 30  | 23   | 52     | 15     | 0.3       | 3.6     | 1.21  | 86.3      | 23.7633 | 25.4239 |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 1   | 0    | 7      | 17     | 1.115     | -0.069    | 3.53  | 0.01      | 0.007     | 0         | 54.6 | 55   | 59.3 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 0    | 17     | 17     | 1.142     | -0.072    | 3.53  | 0.01      | 0.007     | 0         | 55   | 55   | 60.2 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 0    | 27     | 17     | 1.119     | -0.046    | 3.53  | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 58.9 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 0    | 37     | 17     | 1.106     | -0.016    | 3.53  | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 60.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 0    | 47     | 17     | 1.112     | -0.033    | 3.53  | 0.016     | 0.013     | 0         | 54.2 | 55   | 58.9 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 1   | 0    | 57     | 17     | 1.132     | -0.066    | 3.53  | 0.013     | 0.01      | 0         | 54.6 | 55   | 59.8 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 1    | 7      | 17     | 1.135     | -0.085    | 3.53  | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 59.8 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 1   | 1    | 17     | 17     | 1.132     | -0.056    | 3.53  | 0.016     | 0.016     | 0         | 54.6 | 54.2 | 59.3 | 157        | 158        | 0          | 30     | 32     |
| 2009 | 6     | 1   | 1    | 27     | 17     | 1.145     | -0.033    | 3.53  | 0.013     | 0.01      | 0         | 54.2 | 55   | 58   | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 1   | 1    | 37     | 17     | 1.148     | -0.066    | 3.53  | 0.016     | 0.013     | 0         | 54.6 | 55   | 59.3 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 1    | 47     | 17     | 1.165     | -0.056    | 3.53  | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 59.3 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 1    | 57     | 17     | 1.175     | -0.03     | 3.53  | 0.01      | 0.007     | 0         | 54.6 | 55   | 57.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 2    | 7      | 17     | 1.161     | -0.052    | 3.53  | 0.013     | 0.01      | 0         | 54.2 | 55   | 58.9 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 1   | 2    | 17     | 17     | 1.119     | -0.039    | 3.53  | 0.013     | 0.01      | 0         | 54.6 | 55   | 58.9 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 2    | 27     | 17     | 1.135     | -0.052    | 3.53  | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 58.5 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 2    | 37     | 17     | 1.129     | -0.062    | 3.53  | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 59.3 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 2    | 47     | 17     | 1.119     | -0.052    | 3.53  | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 58.5 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 2    | 57     | 17     | 1.142     | -0.046    | 3.533 | 0.013     | 0.01      | 0         | 54.6 | 55   | 58.9 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 3    | 7      | 17     | 1.145     | -0.043    | 3.533 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 57.6 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 1   | 3    | 17     | 17     | 1.122     | -0.069    | 3.533 | 0.01      | 0.007     | 0         | 54.2 | 55.5 | 58.5 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 3    | 27     | 17     | 1.165     | -0.049    | 3.533 | 0.013     | 0.01      | 0         | 54.6 | 55   | 57.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 3    | 37     | 17     | 1.155     | -0.03     | 3.533 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 57.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 3    | 47     | 17     | 1.138     | -0.075    | 3.533 | 0.01      | 0.007     | 0         | 54.2 | 55   | 58.5 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 1   | 3    | 57     | 17     | 1.129     | -0.043    | 3.533 | 0.01      | 0.007     | 0         | 54.6 | 55   | 58.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 4    | 7      | 17     | 1.135     | -0.046    | 3.537 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 57.6 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 4    | 17     | 17     | 1.142     | -0.072    | 3.537 | 0.013     | 0.01      | 0         | 54.2 | 55   | 58   | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 1   | 4    | 27     | 17     | 1.132     | -0.033    | 3.54  | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 58   | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 4    | 37     | 17     | 1.145     | -0.046    | 3.54  | 0.013     | 0.01      | 0         | 54.6 | 55   | 57.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 4    | 47     | 17     | 1.096     | -0.059    | 3.543 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 58.5 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 1   | 4    | 57     | 17     | 1.119     | -0.062    | 3.543 | 0.01      | 0.007     | 0         | 54.6 | 55   | 58   | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 5    | 7      | 17     | 1.135     | -0.052    | 3.54  | 0.013     | 0.01      | 0         | 54.6 | 55   | 57.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 5    | 17     | 17     | 1.119     | -0.043    | 3.54  | 0.013     | 0.01      | 0         | 55   | 55   | 58   | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 5    | 27     | 17     | 1.125     | -0.02     | 3.543 | 0.013     | 0.01      | 0         | 54.2 | 55   | 58   | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 1   | 5    | 37     | 17     | 1.125     | -0.023    | 3.543 | 0.016     | 0.013     | 0         | 54.6 | 55   | 58.5 | 158        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 1   | 5    | 47     | 17     | 1.138     | -0.036    | 3.543 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 58.9 | 158        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 5    | 57     | 17     | 1.138     | -0.026    | 3.543 | 0.013     | 0.01      | 0         | 54.6 | 55   | 57.6 | 158        | 160        | 0          | 31     | 32     |
| 2009 | 6     | 1   | 6    | 7      | 17     | 1.135     | -0.03     | 3.547 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 58.9 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 1   | 6    | 17     | 17     | 1.148     | -0.066    | 3.547 | 0.01      | 0.007     | 0         | 55   | 55.5 | 59.8 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 6    | 27     | 17     | 1.109     | -0.056    | 3.547 | 0.01      | 0.007     | 0         | 55.9 | 56.3 | 55.9 | 160        | 162        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 6    | 37     | 17     | 1.158     | -0.059    | 3.547 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 58   | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 6    | 47     | 17     | 1.148     | -0.043    | 3.547 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 58.5 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 1   | 6    | 57     | 17     | 1.165     | -0.069    | 3.547 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 58   | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 7    | 7      | 17     | 1.125     | -0.059    | 3.547 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 55.5 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 1   | 7    | 17     | 17     | 1.142     | -0.069    | 3.547 | 0.016     | 0.013     | 0         | 55   | 55.5 | 58.5 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 7    | 27     | 17     | 1.129     | -0.056    | 3.547 | 0.013     | 0.01      | 0         | 54.6 | 55   | 58.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 7    | 37     | 17     | 1.106     | -0.075    | 3.547 | 0.013     | 0.01      | 0         | 55   | 55.5 | 58.5 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 7    | 47     | 17     | 1.125     | -0.043    | 3.547 | 0.016     | 0.016     | 0         | 55   | 55   | 58.9 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 7    | 57     | 17     | 1.138     | -0.03     | 3.547 | 0.01      | 0.007     | 0         | 54.6 | 55   | 57.2 | 157        | 159        | 0          | 30     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 1   | 8    | 7      | 17     | 1.102     | -0.043    | 3.547 | 0.01      | 0.007     | 0         | 54.6 | 55   | 60.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 8    | 17     | 17     | 1.129     | -0.079    | 3.547 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 59.3 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 8    | 27     | 17     | 1.122     | -0.059    | 3.547 | 0.013     | 0.01      | 0         | 54.6 | 55   | 59.3 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 8    | 37     | 17     | 1.112     | -0.079    | 3.547 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 60.2 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 1   | 8    | 47     | 17     | 1.158     | -0.075    | 3.55  | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 59.3 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 8    | 57     | 17     | 1.168     | -0.052    | 3.547 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 58   | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 9    | 7      | 17     | 1.155     | -0.052    | 3.547 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 60.6 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 9    | 17     | 17     | 1.125     | -0.03     | 3.55  | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 58.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 9    | 27     | 17     | 1.152     | -0.046    | 3.547 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 58.5 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 9    | 37     | 17     | 1.171     | -0.026    | 3.547 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 58   | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 9    | 47     | 17     | 1.148     | -0.043    | 3.547 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 58.9 | 156        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 9    | 57     | 17     | 1.138     | -0.043    | 3.547 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 60.2 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 1   | 10   | 7      | 17     | 1.148     | -0.043    | 3.55  | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 58   | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 1   | 10   | 17     | 17     | 1.112     | -0.013    | 3.547 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 58.5 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 10   | 27     | 17     | 1.152     | -0.043    | 3.547 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 58   | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 10   | 37     | 17     | 1.145     | 0.01      | 3.547 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 55.9 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 10   | 47     | 17     | 1.142     | -0.013    | 3.547 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 58.9 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 10   | 57     | 17     | 1.155     | -0.016    | 3.547 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 57.2 | 155        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 11   | 7      | 17     | 1.115     | -0.056    | 3.543 | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 58.9 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 11   | 17     | 17     | 1.129     | -0.033    | 3.543 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 57.6 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 11   | 27     | 17     | 1.122     | -0.043    | 3.54  | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 58   | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 11   | 37     | 17     | 1.148     | -0.059    | 3.54  | 0.016     | 0.013     | 0         | 52.9 | 52.9 | 58.5 | 154        | 155        | 0          | 31     | 32     |
| 2009 | 6     | 1   | 11   | 47     | 17     | 1.148     | -0.049    | 3.54  | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 58.5 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 11   | 57     | 17     | 1.125     | -0.01     | 3.537 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 59.3 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 12   | 7      | 17     | 1.132     | -0.036    | 3.537 | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 58.5 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 12   | 17     | 17     | 1.125     | -0.039    | 3.537 | 0.016     | 0.013     | 0         | 52.9 | 53.8 | 58.5 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 1   | 12   | 27     | 17     | 1.125     | -0.013    | 3.537 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 57.6 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 12   | 37     | 17     | 1.138     | -0.003    | 3.537 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 58.9 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 12   | 47     | 17     | 1.102     | 0         | 3.537 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 58.5 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 1   | 12   | 57     | 17     | 1.086     | -0.033    | 3.537 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 58.9 | 154        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 13   | 7      | 17     | 1.129     | 0         | 3.537 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 58   | 154        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 1   | 13   | 17     | 17     | 1.145     | -0.016    | 3.537 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 59.3 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 13   | 27     | 17     | 1.119     | -0.059    | 3.537 | 0.016     | 0.016     | 0         | 52.9 | 53.8 | 60.6 | 153        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 13   | 37     | 17     | 1.158     | -0.043    | 3.537 | 0.013     | 0.01      | 0         | 53.8 | 53.3 | 59.8 | 154        | 155        | 0          | 29     | 31     |
| 2009 | 6     | 1   | 13   | 47     | 17     | 1.115     | -0.052    | 3.537 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 60.2 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 13   | 57     | 17     | 1.122     | -0.043    | 3.537 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 58.9 | 153        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 14   | 7      | 17     | 1.138     | -0.03     | 3.533 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 59.3 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 1   | 14   | 17     | 17     | 1.132     | -0.062    | 3.533 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 59.3 | 153        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 14   | 27     | 17     | 1.135     | -0.007    | 3.533 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 60.2 | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 14   | 37     | 17     | 1.135     | -0.046    | 3.537 | 0.016     | 0.016     | 0         | 52.9 | 53.3 | 61.5 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 14   | 47     | 17     | 1.089     | -0.02     | 3.533 | 0.016     | 0.016     | 0         | 52.9 | 53.3 | 60.2 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 14   | 57     | 17     | 1.119     | -0.046    | 3.537 | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 61.9 | 154        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 15   | 7      | 17     | 1.135     | 0         | 3.533 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 61.1 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 1   | 15   | 17     | 17     | 1.106     | -0.02     | 3.533 | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 61.9 | 154        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 15   | 27     | 17     | 1.155     | -0.072    | 3.533 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 60.6 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 15   | 37     | 17     | 1.119     | -0.026    | 3.533 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 60.6 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 15   | 47     | 17     | 1.145     | -0.066    | 3.533 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 60.6 | 154        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 15   | 57     | 17     | 1.122     | -0.026    | 3.533 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 61.9 | 154        | 156        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 1   | 16   | 7      | 17     | 1.148     | 0.003     | 3.533 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 58   | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 16   | 17     | 17     | 1.132     | -0.043    | 3.533 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 61.5 | 154        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 16   | 27     | 17     | 1.122     | -0.052    | 3.533 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 61.1 | 154        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 16   | 37     | 17     | 1.138     | -0.043    | 3.533 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 59.8 | 155        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 16   | 47     | 17     | 1.125     | -0.039    | 3.533 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 60.2 | 155        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 16   | 57     | 17     | 1.155     | -0.052    | 3.533 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 60.2 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 17   | 7      | 17     | 1.145     | -0.049    | 3.533 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 60.6 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 17   | 17     | 17     | 1.129     | -0.052    | 3.533 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 61.1 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 17   | 27     | 17     | 1.122     | -0.043    | 3.533 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 60.2 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 1   | 17   | 37     | 17     | 1.115     | -0.026    | 3.533 | 0.016     | 0.013     | 0         | 54.6 | 55   | 60.2 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 17   | 47     | 17     | 1.148     | -0.026    | 3.533 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 60.2 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 17   | 57     | 17     | 1.119     | -0.049    | 3.533 | 0.013     | 0.01      | 0         | 54.2 | 55   | 59.8 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 18   | 7      | 17     | 1.125     | -0.033    | 3.533 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 61.1 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 18   | 17     | 17     | 1.086     | -0.033    | 3.533 | 0.013     | 0.01      | 0         | 54.2 | 55   | 59.3 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 18   | 27     | 17     | 1.152     | -0.056    | 3.533 | 0.01      | 0.007     | 0         | 54.2 | 55   | 59.3 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 18   | 37     | 17     | 1.112     | -0.056    | 3.533 | 0.013     | 0.01      | 0         | 53.8 | 55   | 58.5 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 18   | 47     | 17     | 1.129     | -0.039    | 3.533 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 60.2 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 18   | 57     | 17     | 1.138     | -0.023    | 3.533 | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 59.8 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 19   | 7      | 17     | 1.138     | -0.056    | 3.533 | 0.013     | 0.01      | 0         | 54.2 | 55   | 60.6 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 19   | 17     | 17     | 1.152     | -0.052    | 3.533 | 0.013     | 0.01      | 0         | 54.2 | 55   | 58.5 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 19   | 27     | 17     | 1.119     | -0.089    | 3.533 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 58.9 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 19   | 37     | 17     | 1.122     | -0.056    | 3.53  | 0.016     | 0.013     | 0         | 54.6 | 55   | 59.3 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 19   | 47     | 17     | 1.122     | -0.026    | 3.533 | 0.01      | 0.007     | 0         | 54.2 | 55   | 57.6 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 1   | 19   | 57     | 17     | 1.155     | -0.039    | 3.533 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 60.2 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 20   | 7      | 17     | 1.135     | -0.03     | 3.53  | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 59.8 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 20   | 17     | 17     | 1.109     | -0.036    | 3.53  | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 59.3 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 20   | 27     | 17     | 1.125     | -0.043    | 3.533 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 59.8 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 20   | 37     | 17     | 1.102     | -0.016    | 3.533 | 0.01      | 0.007     | 0         | 54.6 | 55   | 59.3 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 20   | 47     | 17     | 1.152     | -0.049    | 3.53  | 0.01      | 0.007     | 0         | 54.6 | 55   | 59.8 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 20   | 57     | 17     | 1.138     | -0.026    | 3.533 | 0.016     | 0.013     | 0         | 54.6 | 55   | 60.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 21   | 7      | 17     | 1.122     | -0.046    | 3.533 | 0.016     | 0.016     | 0         | 55   | 55.5 | 58.9 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 21   | 17     | 17     | 1.142     | -0.013    | 3.53  | 0.016     | 0.016     | 0         | 54.6 | 55   | 58.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 21   | 27     | 17     | 1.158     | -0.046    | 3.533 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 59.3 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 21   | 37     | 17     | 1.132     | -0.052    | 3.533 | 0.016     | 0.013     | 0         | 54.2 | 55   | 60.2 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 1   | 21   | 47     | 17     | 1.135     | -0.052    | 3.533 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 58.9 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 21   | 57     | 17     | 1.165     | -0.049    | 3.533 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 58.9 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 22   | 7      | 17     | 1.129     | -0.066    | 3.533 | 0.013     | 0.01      | 0         | 54.2 | 55   | 59.3 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 1   | 22   | 17     | 17     | 1.135     | -0.03     | 3.533 | 0.016     | 0.013     | 0         | 54.2 | 55   | 58   | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 1   | 22   | 27     | 17     | 1.132     | -0.052    | 3.533 | 0.013     | 0.01      | 0         | 54.2 | 55   | 58.9 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 1   | 22   | 37     | 17     | 1.122     | -0.043    | 3.533 | 0.013     | 0.01      | 0         | 54.6 | 55   | 59.3 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 22   | 47     | 17     | 1.122     | -0.03     | 3.533 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 58.9 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 22   | 57     | 17     | 1.142     | -0.036    | 3.533 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 58   | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 23   | 7      | 17     | 1.083     | -0.089    | 3.533 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 57.6 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 23   | 17     | 17     | 1.112     | -0.049    | 3.533 | 0.01      | 0.007     | 0         | 54.6 | 55   | 58   | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 23   | 27     | 17     | 1.119     | -0.056    | 3.533 | 0.013     | 0.01      | 0         | 54.6 | 55   | 58   | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 1   | 23   | 37     | 17     | 1.165     | -0.075    | 3.533 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 57.2 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 1   | 23   | 47     | 17     | 1.135     | -0.033    | 3.533 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 58.5 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 23   | 57     | 17     | 1.119     | -0.072    | 3.537 | 0.013     | 0.01      | 0         | 54.2 | 55   | 57.2 | 157        | 158        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 2   | 0    | 7      | 17     | 1.171     | -0.049    | 3.537 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 58.5 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 0    | 17     | 17     | 1.119     | -0.036    | 3.537 | 0.01      | 0.007     | 0         | 54.6 | 55   | 57.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 0    | 27     | 17     | 1.102     | -0.075    | 3.537 | 0.02      | 0.016     | 0         | 54.2 | 54.6 | 57.6 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 0    | 37     | 17     | 1.142     | -0.069    | 3.537 | 0.016     | 0.013     | 0         | 54.2 | 55   | 57.2 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 0    | 47     | 17     | 1.093     | -0.007    | 3.537 | 0.016     | 0.013     | 0         | 54.6 | 55   | 58   | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 0    | 57     | 17     | 1.135     | -0.043    | 3.537 | 0.016     | 0.013     | 0         | 54.6 | 55   | 57.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 1    | 7      | 17     | 1.175     | 0         | 3.54  | 0.01      | 0.007     | 0         | 54.2 | 55   | 57.2 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 1    | 17     | 17     | 1.115     | -0.049    | 3.54  | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 57.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 1    | 27     | 17     | 1.119     | -0.059    | 3.543 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 58   | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 1    | 37     | 17     | 1.155     | -0.056    | 3.543 | 0.01      | 0.007     | 0         | 54.6 | 55   | 57.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 1    | 47     | 17     | 1.119     | -0.026    | 3.547 | 0.01      | 0.007     | 0         | 54.6 | 55   | 57.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 1    | 57     | 17     | 1.158     | -0.039    | 3.547 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 58.5 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 2    | 7      | 17     | 1.135     | -0.03     | 3.547 | 0.013     | 0.01      | 0         | 54.6 | 55   | 58   | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 2    | 17     | 17     | 1.106     | -0.023    | 3.547 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 57.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 2    | 27     | 17     | 1.138     | -0.026    | 3.547 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 57.6 | 158        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 2    | 37     | 17     | 1.089     | -0.043    | 3.547 | 0.016     | 0.013     | 0         | 54.6 | 55   | 56.8 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 2    | 47     | 17     | 1.125     | -0.046    | 3.547 | 0.016     | 0.013     | 0         | 54.6 | 55   | 58.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 2    | 57     | 17     | 1.106     | -0.013    | 3.547 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 59.3 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 3    | 7      | 17     | 1.106     | -0.043    | 3.547 | 0.016     | 0.013     | 0         | 54.6 | 55   | 58.9 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 3    | 17     | 17     | 1.125     | -0.046    | 3.55  | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 58.9 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 3    | 27     | 17     | 1.138     | -0.033    | 3.55  | 0.013     | 0.01      | 0         | 54.2 | 55   | 59.3 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 3    | 37     | 17     | 1.112     | -0.056    | 3.55  | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 58.9 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 3    | 47     | 17     | 1.148     | -0.043    | 3.55  | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 60.2 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 3    | 57     | 17     | 1.145     | -0.043    | 3.55  | 0.016     | 0.013     | 0         | 54.6 | 55   | 58.9 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 4    | 7      | 17     | 1.135     | -0.098    | 3.55  | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 60.2 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 4    | 17     | 17     | 1.135     | -0.062    | 3.55  | 0.01      | 0.007     | 0         | 54.6 | 55   | 59.8 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 4    | 27     | 17     | 1.165     | -0.075    | 3.55  | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 60.2 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 4    | 37     | 17     | 1.132     | -0.049    | 3.55  | 0.016     | 0.013     | 0         | 54.2 | 55   | 59.8 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 4    | 47     | 17     | 1.119     | -0.062    | 3.55  | 0.016     | 0.013     | 0         | 54.6 | 55   | 60.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 4    | 57     | 17     | 1.129     | -0.062    | 3.55  | 0.016     | 0.013     | 0         | 54.6 | 55   | 61.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 5    | 7      | 17     | 1.142     | -0.059    | 3.55  | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 5    | 17     | 17     | 1.148     | -0.039    | 3.553 | 0.016     | 0.013     | 0         | 55   | 55.9 | 59.8 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 5    | 27     | 17     | 1.148     | -0.03     | 3.55  | 0.016     | 0.013     | 0         | 55   | 55.5 | 59.8 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 5    | 37     | 17     | 1.132     | -0.043    | 3.553 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 60.6 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 5    | 47     | 17     | 1.161     | -0.062    | 3.553 | 0.01      | 0.007     | 0         | 54.6 | 55   | 60.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 5    | 57     | 17     | 1.152     | -0.069    | 3.553 | 0.013     | 0.01      | 0         | 54.6 | 55   | 60.2 | 158        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 6    | 7      | 17     | 1.158     | -0.039    | 3.553 | 0.01      | 0.007     | 0         | 54.2 | 55   | 59.8 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 6    | 17     | 17     | 1.135     | -0.036    | 3.553 | 0.01      | 0.007     | 0         | 55   | 55   | 60.6 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 6    | 27     | 17     | 1.129     | -0.03     | 3.553 | 0.016     | 0.013     | 0         | 54.2 | 55   | 61.1 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 6    | 37     | 17     | 1.135     | -0.013    | 3.553 | 0.016     | 0.013     | 0         | 54.6 | 55   | 60.2 | 158        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 6    | 47     | 17     | 1.145     | -0.03     | 3.553 | 0.016     | 0.013     | 0         | 55   | 55.5 | 59.3 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 6    | 57     | 17     | 1.135     | -0.007    | 3.553 | 0.016     | 0.013     | 0         | 55   | 55.9 | 60.2 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 7    | 7      | 17     | 1.125     | -0.056    | 3.553 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 60.2 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 7    | 17     | 17     | 1.132     | -0.059    | 3.553 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 61.9 | 157        | 159        | 0          | 31     | 32     |
| 2009 | 6     | 2   | 7    | 27     | 17     | 1.138     | -0.056    | 3.553 | 0.013     | 0.01      | 0         | 54.2 | 55   | 61.5 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 7    | 37     | 17     | 1.161     | -0.052    | 3.553 | 0.013     | 0.01      | 0         | 54.2 | 55   | 60.6 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 7    | 47     | 17     | 1.115     | -0.049    | 3.553 | 0.013     | 0.01      | 0         | 54.2 | 55   | 60.6 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 7    | 57     | 17     | 1.132     | -0.023    | 3.553 | 0.01      | 0.007     | 0         | 54.2 | 55   | 60.6 | 157        | 159        | 0          | 31     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 2   | 8    | 7      | 17     | 1.142     | -0.016    | 3.553 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 60.6 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 8    | 17     | 17     | 1.135     | -0.062    | 3.553 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 60.2 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 8    | 27     | 17     | 1.125     | -0.056    | 3.553 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 61.5 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 8    | 37     | 17     | 1.148     | -0.059    | 3.556 | 0.016     | 0.013     | 0         | 54.6 | 55   | 61.5 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 8    | 47     | 17     | 1.135     | -0.043    | 3.556 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 61.1 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 8    | 57     | 17     | 1.152     | -0.062    | 3.556 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 61.5 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 9    | 7      | 17     | 1.135     | -0.036    | 3.556 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 61.1 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 9    | 17     | 17     | 1.125     | -0.056    | 3.556 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 60.2 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 9    | 27     | 17     | 1.165     | -0.049    | 3.556 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 60.6 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 9    | 37     | 17     | 1.138     | -0.059    | 3.556 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 60.2 | 156        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 9    | 47     | 17     | 1.161     | -0.072    | 3.556 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 60.2 | 155        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 9    | 57     | 17     | 1.125     | -0.023    | 3.556 | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 61.9 | 155        | 157        | 0          | 32     | 31     |
| 2009 | 6     | 2   | 10   | 7      | 17     | 1.155     | -0.059    | 3.556 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 61.1 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 10   | 17     | 17     | 1.135     | -0.036    | 3.556 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 62.4 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 10   | 27     | 17     | 1.125     | -0.046    | 3.556 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 61.5 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 10   | 37     | 17     | 1.135     | -0.03     | 3.56  | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 59.3 | 155        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 10   | 47     | 17     | 1.145     | -0.02     | 3.56  | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 60.2 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 10   | 57     | 17     | 1.135     | -0.03     | 3.56  | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 61.1 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 11   | 7      | 17     | 1.145     | -0.023    | 3.56  | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 60.2 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 11   | 17     | 17     | 1.145     | -0.023    | 3.56  | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 60.2 | 155        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 11   | 27     | 17     | 1.135     | -0.046    | 3.56  | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 60.2 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 11   | 37     | 17     | 1.129     | -0.023    | 3.56  | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 58.5 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 11   | 47     | 17     | 1.138     | -0.02     | 3.56  | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 58.5 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 11   | 57     | 17     | 1.175     | -0.02     | 3.56  | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 60.6 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 12   | 7      | 17     | 1.135     | -0.007    | 3.56  | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 57.6 | 155        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 12   | 17     | 17     | 1.155     | -0.016    | 3.56  | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 60.6 | 154        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 12   | 27     | 17     | 1.142     | 0.01      | 3.56  | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 59.3 | 154        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 12   | 37     | 17     | 1.178     | -0.01     | 3.56  | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 61.5 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 12   | 47     | 17     | 1.096     | -0.056    | 3.56  | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 59.3 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 12   | 57     | 17     | 1.148     | -0.01     | 3.56  | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 57.6 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 13   | 7      | 17     | 1.168     | 0         | 3.56  | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 59.3 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 13   | 17     | 17     | 1.168     | -0.039    | 3.56  | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 58.9 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 13   | 27     | 17     | 1.155     | -0.043    | 3.563 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 57.6 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 13   | 37     | 17     | 1.145     | -0.007    | 3.563 | 0.016     | 0.016     | 0         | 52.9 | 54.2 | 59.3 | 154        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 13   | 47     | 17     | 1.142     | -0.023    | 3.56  | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 57.6 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 13   | 57     | 17     | 1.148     | -0.036    | 3.56  | 0.016     | 0.016     | 0         | 52.9 | 54.2 | 56.8 | 154        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 14   | 7      | 17     | 1.161     | -0.039    | 3.56  | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 55.5 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 14   | 17     | 17     | 1.132     | -0.026    | 3.563 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 54.6 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 14   | 27     | 17     | 1.155     | -0.03     | 3.56  | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 56.8 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 14   | 37     | 17     | 1.125     | -0.016    | 3.563 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 57.2 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 14   | 47     | 17     | 1.145     | -0.023    | 3.563 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 55.9 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 14   | 57     | 17     | 1.142     | -0.02     | 3.563 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 58.5 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 15   | 7      | 17     | 1.138     | 0.003     | 3.563 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 57.2 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 15   | 17     | 17     | 1.142     | -0.01     | 3.563 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 59.8 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 15   | 27     | 17     | 1.129     | 0         | 3.563 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 57.2 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 15   | 37     | 17     | 1.138     | -0.026    | 3.563 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 55.9 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 15   | 47     | 17     | 1.115     | 0.013     | 3.563 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 58   | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 15   | 57     | 17     | 1.132     | -0.036    | 3.563 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 59.8 | 155        | 157        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 2   | 16   | 7      | 17     | 1.155     | 0         | 3.563 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 58.5 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 16   | 17     | 17     | 1.158     | -0.02     | 3.563 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 53.8 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 16   | 27     | 17     | 1.138     | -0.013    | 3.563 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 58.5 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 16   | 37     | 17     | 1.129     | -0.052    | 3.563 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 58.5 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 16   | 47     | 17     | 1.155     | -0.013    | 3.563 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 59.8 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 16   | 57     | 17     | 1.155     | -0.007    | 3.563 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 58   | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 17   | 7      | 17     | 1.148     | -0.046    | 3.563 | 0.016     | 0.016     | 0         | 54.2 | 55   | 54.6 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 17   | 17     | 17     | 1.148     | -0.02     | 3.563 | 0.016     | 0.013     | 0         | 53.8 | 55   | 58   | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 17   | 27     | 17     | 1.115     | -0.036    | 3.563 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 55.5 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 17   | 37     | 17     | 1.191     | -0.013    | 3.563 | 0.01      | 0.007     | 0         | 54.2 | 55   | 58   | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 17   | 47     | 17     | 1.138     | -0.033    | 3.563 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 60.2 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 17   | 57     | 17     | 1.138     | -0.075    | 3.563 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 57.6 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 18   | 7      | 17     | 1.125     | -0.02     | 3.563 | 0.01      | 0.007     | 0         | 55   | 55   | 59.8 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 18   | 17     | 17     | 1.161     | -0.026    | 3.563 | 0.013     | 0.01      | 0         | 55   | 55.5 | 60.6 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 18   | 27     | 17     | 1.125     | -0.033    | 3.563 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 58.9 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 18   | 37     | 17     | 1.152     | -0.043    | 3.563 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 59.8 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 18   | 47     | 17     | 1.135     | -0.013    | 3.563 | 0.01      | 0.007     | 0         | 54.6 | 55   | 60.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 18   | 57     | 17     | 1.155     | -0.066    | 3.566 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 59.8 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 19   | 7      | 17     | 1.138     | -0.003    | 3.563 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 60.2 | 158        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 19   | 17     | 17     | 1.152     | -0.026    | 3.566 | 0.01      | 0.007     | 0         | 54.6 | 55   | 60.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 19   | 27     | 17     | 1.165     | -0.013    | 3.566 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 58   | 157        | 159        | 0          | 30     | 32     |
| 2009 | 6     | 2   | 19   | 37     | 17     | 1.119     | -0.066    | 3.566 | 0.013     | 0.01      | 0         | 55   | 55.5 | 58.5 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 19   | 47     | 17     | 1.135     | 0         | 3.566 | 0.016     | 0.016     | 0         | 54.6 | 55   | 57.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 19   | 57     | 17     | 1.161     | -0.033    | 3.566 | 0.013     | 0.01      | 0         | 55   | 55   | 58.5 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 20   | 7      | 17     | 1.145     | -0.026    | 3.566 | 0.013     | 0.01      | 0         | 55   | 55.5 | 58   | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 20   | 17     | 17     | 1.106     | -0.003    | 3.566 | 0.013     | 0.01      | 0         | 54.6 | 55   | 58.9 | 158        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 20   | 27     | 17     | 1.152     | -0.03     | 3.566 | 0.01      | 0.007     | 0         | 55   | 55.5 | 59.8 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 20   | 37     | 17     | 1.132     | -0.046    | 3.566 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 58.9 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 20   | 47     | 17     | 1.132     | -0.062    | 3.566 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 59.8 | 158        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 20   | 57     | 17     | 1.152     | -0.036    | 3.566 | 0.016     | 0.016     | 0         | 55   | 55.9 | 58   | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 21   | 7      | 17     | 1.165     | -0.039    | 3.566 | 0.013     | 0.01      | 0         | 54.6 | 55   | 56.8 | 158        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 21   | 17     | 17     | 1.152     | -0.03     | 3.566 | 0.01      | 0.007     | 0         | 55   | 55.5 | 55.9 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 21   | 27     | 17     | 1.161     | -0.036    | 3.566 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 56.8 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 21   | 37     | 17     | 1.148     | -0.003    | 3.566 | 0.013     | 0.01      | 0         | 55   | 55.9 | 56.8 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 21   | 47     | 17     | 1.135     | -0.003    | 3.566 | 0.01      | 0.007     | 0         | 55   | 55.5 | 54.2 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 21   | 57     | 17     | 1.175     | 0         | 3.566 | 0.016     | 0.013     | 0         | 55   | 55.9 | 54.6 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 22   | 7      | 17     | 1.191     | -0.007    | 3.566 | 0.01      | 0.007     | 0         | 55   | 55.5 | 56.8 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 22   | 17     | 17     | 1.204     | -0.036    | 3.57  | 0.01      | 0.007     | 0         | 55   | 55   | 58   | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 22   | 27     | 17     | 1.175     | -0.02     | 3.57  | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 56.8 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 2   | 22   | 37     | 17     | 1.168     | -0.046    | 3.57  | 0.016     | 0.016     | 0         | 54.6 | 55   | 54.6 | 158        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 2   | 22   | 47     | 17     | 1.138     | -0.016    | 3.57  | 0.016     | 0.013     | 0         | 55   | 55   | 55   | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 22   | 57     | 17     | 1.152     | -0.043    | 3.57  | 0.013     | 0.01      | 0         | 54.6 | 55   | 55.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 23   | 7      | 17     | 1.135     | -0.013    | 3.57  | 0.013     | 0.01      | 0         | 55   | 55   | 55.9 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 23   | 17     | 17     | 1.138     | -0.026    | 3.573 | 0.016     | 0.013     | 0         | 55   | 55.5 | 55   | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 23   | 27     | 17     | 1.161     | -0.016    | 3.57  | 0.013     | 0.01      | 0         | 55   | 55   | 55.9 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 23   | 37     | 17     | 1.165     | -0.049    | 3.573 | 0.016     | 0.013     | 0         | 55   | 55   | 55.9 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 23   | 47     | 17     | 1.138     | -0.056    | 3.573 | 0.01      | 0.007     | 0         | 55   | 55   | 57.2 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 2   | 23   | 57     | 17     | 1.152     | -0.02     | 3.573 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 55.5 | 158        | 160        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 3   | 0    | 7      | 17     | 1.148     | -0.059    | 3.573 | 0.016     | 0.013     | 0         | 55   | 55   | 55.5 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 0    | 17     | 17     | 1.158     | -0.043    | 3.576 | 0.013     | 0.01      | 0         | 54.6 | 55   | 55.9 | 158        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 0    | 27     | 17     | 1.184     | -0.039    | 3.579 | 0.01      | 0.007     | 0         | 54.6 | 55   | 55.5 | 158        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 0    | 37     | 17     | 1.158     | -0.066    | 3.579 | 0.013     | 0.01      | 0         | 54.6 | 55   | 56.3 | 158        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 0    | 47     | 17     | 1.175     | -0.033    | 3.579 | 0.013     | 0.01      | 0         | 55   | 55   | 55.9 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 0    | 57     | 17     | 1.158     | -0.043    | 3.583 | 0.016     | 0.013     | 0         | 55   | 55.9 | 55.5 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 1    | 7      | 17     | 1.168     | -0.069    | 3.586 | 0.01      | 0.007     | 0         | 54.6 | 55   | 57.6 | 158        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 1    | 17     | 17     | 1.171     | -0.01     | 3.583 | 0.01      | 0.007     | 0         | 55   | 55.5 | 56.8 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 1    | 27     | 17     | 1.142     | -0.056    | 3.586 | 0.016     | 0.016     | 0         | 54.6 | 55   | 56.3 | 158        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 1    | 37     | 17     | 1.168     | -0.023    | 3.586 | 0.016     | 0.013     | 0         | 55   | 55.5 | 57.6 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 1    | 47     | 17     | 1.165     | -0.026    | 3.586 | 0.013     | 0.01      | 0         | 55   | 55.5 | 55.5 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 1    | 57     | 17     | 1.155     | -0.023    | 3.586 | 0.013     | 0.01      | 0         | 55   | 55.9 | 56.8 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 2    | 7      | 17     | 1.148     | -0.069    | 3.586 | 0.013     | 0.01      | 0         | 54.6 | 55   | 56.3 | 158        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 2    | 17     | 17     | 1.171     | -0.052    | 3.589 | 0.016     | 0.013     | 0         | 55   | 55.5 | 56.3 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 2    | 27     | 17     | 1.155     | -0.036    | 3.589 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 55.9 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 2    | 37     | 17     | 1.175     | -0.007    | 3.589 | 0.016     | 0.013     | 0         | 55   | 55.9 | 56.3 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 2    | 47     | 17     | 1.168     | 0.013     | 3.589 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 55.9 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 2    | 57     | 17     | 1.152     | -0.003    | 3.593 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 58   | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 3    | 7      | 17     | 1.148     | -0.03     | 3.593 | 0.013     | 0.01      | 0         | 55   | 55.9 | 56.8 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 3    | 17     | 17     | 1.152     | -0.049    | 3.593 | 0.016     | 0.013     | 0         | 55   | 55.5 | 58   | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 3    | 27     | 17     | 1.158     | -0.033    | 3.593 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 58.5 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 3    | 37     | 17     | 1.181     | -0.02     | 3.593 | 0.013     | 0.01      | 0         | 55   | 55.5 | 57.2 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 3    | 47     | 17     | 1.152     | -0.043    | 3.593 | 0.013     | 0.01      | 0         | 55   | 55   | 57.2 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 3    | 57     | 17     | 1.152     | -0.036    | 3.593 | 0.013     | 0.01      | 0         | 55   | 55   | 58   | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 4    | 7      | 17     | 1.178     | -0.023    | 3.593 | 0.016     | 0.016     | 0         | 54.2 | 55   | 58   | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 4    | 17     | 17     | 1.152     | -0.026    | 3.593 | 0.016     | 0.013     | 0         | 54.2 | 55   | 60.2 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 4    | 27     | 17     | 1.178     | -0.016    | 3.593 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 57.2 | 158        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 4    | 37     | 17     | 1.184     | -0.023    | 3.593 | 0.013     | 0.01      | 0         | 54.6 | 55   | 57.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 4    | 47     | 17     | 1.158     | 0         | 3.593 | 0.013     | 0.01      | 0         | 54.6 | 55   | 57.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 4    | 57     | 17     | 1.175     | -0.013    | 3.593 | 0.013     | 0.01      | 0         | 54.6 | 55   | 58.5 | 158        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 5    | 7      | 17     | 1.165     | -0.026    | 3.593 | 0.01      | 0.007     | 0         | 54.2 | 55   | 56.8 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 5    | 17     | 17     | 1.165     | -0.036    | 3.596 | 0.01      | 0.007     | 0         | 55   | 55   | 56.8 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 5    | 27     | 17     | 1.171     | -0.062    | 3.596 | 0.016     | 0.013     | 0         | 54.6 | 55   | 58   | 158        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 5    | 37     | 17     | 1.152     | -0.059    | 3.596 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 58.9 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 5    | 47     | 17     | 1.175     | -0.026    | 3.596 | 0.016     | 0.013     | 0         | 55   | 55.5 | 58.5 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 5    | 57     | 17     | 1.165     | -0.003    | 3.596 | 0.016     | 0.013     | 0         | 55   | 55.5 | 55.9 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 6    | 7      | 17     | 1.158     | -0.043    | 3.596 | 0.01      | 0.007     | 0         | 55   | 55.5 | 58   | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 6    | 17     | 17     | 1.165     | -0.013    | 3.596 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 56.3 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 6    | 27     | 17     | 1.138     | -0.056    | 3.596 | 0.013     | 0.01      | 0         | 55   | 55.5 | 56.8 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 6    | 37     | 17     | 1.201     | -0.036    | 3.599 | 0.013     | 0.01      | 0         | 55   | 55.9 | 57.2 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 6    | 47     | 17     | 1.171     | -0.043    | 3.599 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 57.6 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 6    | 57     | 17     | 1.171     | -0.01     | 3.599 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 55.9 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 7    | 7      | 17     | 1.152     | -0.033    | 3.599 | 0.013     | 0.01      | 0         | 55   | 55.5 | 55.9 | 159        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 7    | 17     | 17     | 1.175     | -0.036    | 3.602 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 55.5 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 7    | 27     | 17     | 1.161     | -0.023    | 3.602 | 0.013     | 0.01      | 0         | 55   | 55.5 | 55.9 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 7    | 37     | 17     | 1.181     | -0.056    | 3.602 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 57.6 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 7    | 47     | 17     | 1.161     | -0.043    | 3.602 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 56.3 | 158        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 7    | 57     | 17     | 1.161     | -0.033    | 3.609 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 55   | 157        | 159        | 0          | 31     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 3   | 8    | 7      | 17     | 1.175     | -0.046    | 3.606 | 0.016     | 0.016     | 0         | 54.2 | 55   | 56.3 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 8    | 17     | 17     | 1.178     | -0.007    | 3.609 | 0.016     | 0.013     | 0         | 54.2 | 55   | 56.3 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 8    | 27     | 17     | 1.161     | -0.026    | 3.612 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 56.8 | 157        | 159        | 0          | 31     | 32     |
| 2009 | 6     | 3   | 8    | 37     | 17     | 1.181     | -0.072    | 3.612 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 57.2 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 8    | 47     | 17     | 1.161     | -0.007    | 3.615 | 0.013     | 0.01      | 0         | 54.6 | 55   | 57.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 8    | 57     | 17     | 1.158     | 0         | 3.612 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 55.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 9    | 7      | 17     | 1.155     | -0.066    | 3.615 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 56.8 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 9    | 17     | 17     | 1.181     | -0.026    | 3.612 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 54.6 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 9    | 27     | 17     | 1.198     | -0.039    | 3.615 | 0.016     | 0.013     | 0         | 54.2 | 55   | 57.2 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 9    | 37     | 17     | 1.204     | -0.039    | 3.619 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 58.9 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 9    | 47     | 17     | 1.201     | -0.036    | 3.619 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 58.9 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 9    | 57     | 17     | 1.152     | -0.066    | 3.619 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 58.9 | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 3   | 10   | 7      | 17     | 1.175     | -0.056    | 3.619 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 59.8 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 10   | 17     | 17     | 1.175     | -0.056    | 3.622 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 60.2 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 10   | 27     | 17     | 1.204     | -0.052    | 3.622 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 58.9 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 10   | 37     | 17     | 1.204     | -0.043    | 3.622 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 58   | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 10   | 47     | 17     | 1.204     | -0.085    | 3.622 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 60.2 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 10   | 57     | 17     | 1.155     | -0.026    | 3.622 | 0.013     | 0.01      | 0         | 54.2 | 55   | 57.6 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 11   | 7      | 17     | 1.201     | -0.062    | 3.622 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 58.9 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 11   | 17     | 17     | 1.175     | -0.066    | 3.622 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 58.5 | 156        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 11   | 27     | 17     | 1.148     | -0.03     | 3.622 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 58.9 | 156        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 11   | 37     | 17     | 1.211     | -0.066    | 3.622 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 61.1 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 11   | 47     | 17     | 1.152     | -0.033    | 3.622 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 60.2 | 155        | 157        | 0          | 31     | 32     |
| 2009 | 6     | 3   | 11   | 57     | 17     | 1.175     | -0.052    | 3.625 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 60.6 | 155        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 12   | 7      | 17     | 1.184     | -0.056    | 3.622 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 60.6 | 155        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 12   | 17     | 17     | 1.184     | -0.049    | 3.625 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 60.6 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 12   | 27     | 17     | 1.158     | -0.069    | 3.625 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 61.5 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 12   | 37     | 17     | 1.194     | -0.059    | 3.625 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 61.5 | 155        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 12   | 47     | 17     | 1.198     | -0.082    | 3.625 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 60.6 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 12   | 57     | 17     | 1.198     | -0.046    | 3.625 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 61.9 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 13   | 7      | 17     | 1.165     | -0.036    | 3.625 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 61.5 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 13   | 17     | 17     | 1.148     | -0.062    | 3.625 | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 61.9 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 13   | 27     | 17     | 1.198     | -0.03     | 3.625 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 61.1 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 13   | 37     | 17     | 1.188     | -0.039    | 3.625 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 58.5 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 13   | 47     | 17     | 1.175     | -0.036    | 3.625 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 58   | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 13   | 57     | 17     | 1.204     | -0.066    | 3.625 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 56.8 | 155        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 14   | 7      | 17     | 1.184     | -0.039    | 3.625 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 50.7 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 14   | 17     | 17     | 1.201     | -0.066    | 3.625 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 49   | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 14   | 27     | 17     | 1.204     | -0.007    | 3.629 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 55   | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 14   | 37     | 17     | 1.22      | -0.026    | 3.629 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 59.8 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 14   | 47     | 17     | 1.161     | -0.039    | 3.629 | 0.016     | 0.016     | 0         | 53.8 | 54.2 | 59.3 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 14   | 57     | 17     | 1.211     | -0.016    | 3.629 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 52.5 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 15   | 7      | 17     | 1.207     | -0.02     | 3.629 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 57.6 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 15   | 17     | 17     | 1.181     | -0.056    | 3.629 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 58   | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 15   | 27     | 17     | 1.184     | -0.043    | 3.629 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 59.3 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 15   | 37     | 17     | 1.204     | -0.043    | 3.629 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 57.6 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 15   | 47     | 17     | 1.194     | 0.01      | 3.629 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 58.9 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 15   | 57     | 17     | 1.168     | -0.033    | 3.629 | 0.013     | 0.01      | 0         | 54.6 | 55   | 58   | 157        | 159        | 0          | 30     | 31     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 3   | 16   | 7      | 17     | 1.194     | -0.026    | 3.629 | 0.013     | 0.01      | 0         | 55   | 55   | 55.9 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 16   | 17     | 17     | 1.194     | -0.007    | 3.632 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 55.9 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 16   | 27     | 17     | 1.181     | -0.046    | 3.632 | 0.013     | 0.01      | 0         | 55   | 55.9 | 57.6 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 16   | 37     | 17     | 1.204     | -0.023    | 3.632 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 56.3 | 160        | 162        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 16   | 47     | 17     | 1.165     | -0.03     | 3.632 | 0.013     | 0.01      | 0         | 56.3 | 56.8 | 53.3 | 161        | 163        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 16   | 57     | 17     | 1.171     | -0.033    | 3.635 | 0.016     | 0.016     | 0         | 57.2 | 57.6 | 53.3 | 163        | 165        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 17   | 7      | 17     | 1.214     | 0.007     | 3.642 | 0.013     | 0.01      | 0         | 57.2 | 58   | 51.2 | 164        | 166        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 17   | 17     | 17     | 1.161     | -0.013    | 3.648 | 0.01      | 0.007     | 0         | 56.3 | 57.2 | 55.5 | 162        | 164        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 17   | 27     | 17     | 1.194     | -0.03     | 3.648 | 0.013     | 0.01      | 0         | 56.8 | 57.2 | 54.6 | 162        | 164        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 17   | 37     | 17     | 1.191     | 0.01      | 3.652 | 0.013     | 0.01      | 0         | 56.3 | 57.2 | 55.5 | 162        | 164        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 17   | 47     | 17     | 1.165     | -0.033    | 3.655 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 58   | 161        | 163        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 17   | 57     | 17     | 1.194     | -0.01     | 3.655 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 57.6 | 161        | 163        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 18   | 7      | 17     | 1.181     | -0.039    | 3.655 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 57.2 | 161        | 163        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 18   | 17     | 17     | 1.184     | -0.03     | 3.655 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 58.9 | 160        | 162        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 18   | 27     | 17     | 1.211     | -0.052    | 3.655 | 0.01      | 0.007     | 0         | 55.9 | 56.3 | 58   | 160        | 162        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 18   | 37     | 17     | 1.188     | -0.033    | 3.655 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 58.9 | 160        | 162        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 18   | 47     | 17     | 1.198     | -0.059    | 3.658 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 59.3 | 160        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 18   | 57     | 17     | 1.184     | -0.046    | 3.658 | 0.013     | 0.01      | 0         | 55   | 55.9 | 58.9 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 19   | 7      | 17     | 1.204     | -0.026    | 3.658 | 0.01      | 0.007     | 0         | 55   | 55.5 | 59.3 | 159        | 161        | 0          | 31     | 32     |
| 2009 | 6     | 3   | 19   | 17     | 17     | 1.161     | -0.046    | 3.658 | 0.013     | 0.01      | 0         | 55   | 55.9 | 58.9 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 19   | 27     | 17     | 1.198     | -0.007    | 3.658 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 59.8 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 19   | 37     | 17     | 1.214     | -0.01     | 3.658 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 59.8 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 19   | 47     | 17     | 1.175     | -0.026    | 3.658 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 58.5 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 3   | 19   | 57     | 17     | 1.198     | -0.069    | 3.658 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 59.3 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 20   | 7      | 17     | 1.201     | -0.023    | 3.658 | 0.013     | 0.01      | 0         | 55   | 55   | 60.2 | 158        | 160        | 0          | 30     | 32     |
| 2009 | 6     | 3   | 20   | 17     | 17     | 1.198     | -0.023    | 3.658 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 60.6 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 20   | 27     | 17     | 1.188     | -0.026    | 3.658 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 60.2 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 20   | 37     | 17     | 1.165     | -0.069    | 3.658 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 59.8 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 20   | 47     | 17     | 1.198     | -0.023    | 3.658 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 60.2 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 20   | 57     | 17     | 1.191     | -0.026    | 3.661 | 0.02      | 0.016     | 0         | 54.6 | 55.5 | 59.8 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 21   | 7      | 17     | 1.207     | -0.052    | 3.658 | 0.013     | 0.01      | 0         | 54.6 | 55   | 58.9 | 158        | 160        | 0          | 31     | 32     |
| 2009 | 6     | 3   | 21   | 17     | 17     | 1.214     | -0.052    | 3.661 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 60.6 | 157        | 159        | 0          | 30     | 32     |
| 2009 | 6     | 3   | 21   | 27     | 17     | 1.207     | -0.049    | 3.661 | 0.013     | 0.01      | 0         | 54.6 | 55   | 59.8 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 21   | 37     | 17     | 1.214     | -0.039    | 3.661 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 60.6 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 21   | 47     | 17     | 1.194     | -0.046    | 3.661 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 60.2 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 21   | 57     | 17     | 1.207     | -0.095    | 3.661 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 58.9 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 22   | 7      | 17     | 1.198     | -0.082    | 3.661 | 0.013     | 0.01      | 0         | 54.6 | 55   | 58.9 | 158        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 22   | 17     | 17     | 1.211     | -0.036    | 3.661 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 59.8 | 158        | 159        | 0          | 31     | 32     |
| 2009 | 6     | 3   | 22   | 27     | 17     | 1.201     | -0.049    | 3.661 | 0.016     | 0.013     | 0         | 54.2 | 55   | 58.5 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 22   | 37     | 17     | 1.181     | -0.059    | 3.661 | 0.016     | 0.016     | 0         | 54.2 | 55   | 59.3 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 22   | 47     | 17     | 1.211     | -0.013    | 3.661 | 0.01      | 0.007     | 0         | 54.2 | 55   | 58.9 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 22   | 57     | 17     | 1.23      | -0.02     | 3.661 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 59.3 | 157        | 159        | 0          | 31     | 32     |
| 2009 | 6     | 3   | 23   | 7      | 17     | 1.198     | -0.069    | 3.661 | 0.01      | 0.007     | 0         | 54.2 | 55   | 59.3 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 23   | 17     | 17     | 1.201     | -0.066    | 3.661 | 0.016     | 0.013     | 0         | 54.2 | 55   | 59.3 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 23   | 27     | 17     | 1.194     | -0.03     | 3.665 | 0.016     | 0.013     | 0         | 54.2 | 55   | 57.6 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 3   | 23   | 37     | 17     | 1.224     | -0.013    | 3.665 | 0.013     | 0.01      | 0         | 54.6 | 55   | 59.3 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 3   | 23   | 47     | 17     | 1.204     | -0.036    | 3.665 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 58.9 | 157        | 159        | 0          | 31     | 32     |
| 2009 | 6     | 3   | 23   | 57     | 17     | 1.207     | -0.033    | 3.665 | 0.013     | 0.01      | 0         | 54.2 | 55   | 57.6 | 157        | 159        | 0          | 31     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 4   | 0    | 7      | 17     | 1.217     | -0.059    | 3.665 | 0.013     | 0.01      | 0         | 54.6 | 55   | 57.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 4   | 0    | 17     | 17     | 1.184     | -0.023    | 3.665 | 0.013     | 0.01      | 0         | 54.2 | 55   | 56.8 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 0    | 27     | 17     | 1.201     | -0.033    | 3.668 | 0.016     | 0.013     | 0         | 54.2 | 55   | 57.6 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 0    | 37     | 17     | 1.198     | -0.046    | 3.668 | 0.016     | 0.013     | 0         | 54.2 | 55   | 57.2 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 0    | 47     | 17     | 1.191     | -0.043    | 3.668 | 0.013     | 0.01      | 0         | 54.2 | 55   | 56.8 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 0    | 57     | 17     | 1.181     | 0         | 3.668 | 0.013     | 0.01      | 0         | 54.2 | 55   | 56.8 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 1    | 7      | 17     | 1.191     | -0.01     | 3.671 | 0.01      | 0.007     | 0         | 54.6 | 55   | 55.9 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 4   | 1    | 17     | 17     | 1.227     | -0.007    | 3.671 | 0.016     | 0.013     | 0         | 54.2 | 55   | 55.9 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 1    | 27     | 17     | 1.201     | -0.026    | 3.675 | 0.013     | 0.01      | 0         | 54.2 | 55   | 55.9 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 1    | 37     | 17     | 1.234     | -0.079    | 3.678 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 55   | 157        | 159        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 1    | 47     | 17     | 1.211     | -0.023    | 3.678 | 0.01      | 0.007     | 0         | 54.2 | 55   | 56.3 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 1    | 57     | 17     | 1.227     | -0.016    | 3.681 | 0.016     | 0.013     | 0         | 54.2 | 55   | 56.8 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 2    | 7      | 17     | 1.257     | -0.036    | 3.681 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 56.8 | 157        | 159        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 2    | 17     | 17     | 1.217     | -0.039    | 3.684 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 57.2 | 157        | 159        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 2    | 27     | 17     | 1.194     | -0.023    | 3.684 | 0.013     | 0.01      | 0         | 54.2 | 55   | 58   | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 2    | 37     | 17     | 1.211     | -0.049    | 3.684 | 0.01      | 0.007     | 0         | 54.6 | 55   | 58.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 4   | 2    | 47     | 17     | 1.201     | -0.056    | 3.684 | 0.016     | 0.013     | 0         | 54.2 | 55   | 58   | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 2    | 57     | 17     | 1.23      | -0.046    | 3.684 | 0.013     | 0.01      | 0         | 54.2 | 55   | 58.9 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 3    | 7      | 17     | 1.253     | -0.046    | 3.684 | 0.013     | 0.01      | 0         | 54.2 | 55   | 58.9 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 3    | 17     | 17     | 1.247     | -0.033    | 3.688 | 0.013     | 0.01      | 0         | 54.2 | 55   | 59.3 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 3    | 27     | 17     | 1.24      | -0.052    | 3.688 | 0.01      | 0.007     | 0         | 54.2 | 55   | 58.5 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 3    | 37     | 17     | 1.247     | -0.039    | 3.688 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 58   | 157        | 159        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 3    | 47     | 17     | 1.234     | -0.056    | 3.688 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 58.5 | 157        | 159        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 3    | 57     | 17     | 1.214     | -0.046    | 3.688 | 0.016     | 0.013     | 0         | 54.2 | 55   | 58.5 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 4    | 7      | 17     | 1.22      | -0.043    | 3.688 | 0.01      | 0.007     | 0         | 54.6 | 55   | 60.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 4   | 4    | 17     | 17     | 1.211     | -0.066    | 3.688 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 59.8 | 157        | 159        | 0          | 30     | 32     |
| 2009 | 6     | 4   | 4    | 27     | 17     | 1.234     | -0.036    | 3.691 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 58.5 | 157        | 158        | 0          | 32     | 32     |
| 2009 | 6     | 4   | 4    | 37     | 17     | 1.224     | -0.056    | 3.688 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 60.2 | 157        | 159        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 4    | 47     | 17     | 1.211     | -0.052    | 3.691 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 59.3 | 157        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 4    | 57     | 17     | 1.211     | -0.052    | 3.688 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 58.9 | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 5    | 7      | 17     | 1.234     | -0.049    | 3.691 | 0.013     | 0.01      | 0         | 54.2 | 55   | 58.5 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 5    | 17     | 17     | 1.207     | -0.046    | 3.691 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 58.9 | 157        | 159        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 5    | 27     | 17     | 1.207     | -0.056    | 3.691 | 0.01      | 0.007     | 0         | 53.8 | 55   | 59.3 | 157        | 159        | 0          | 32     | 31     |
| 2009 | 6     | 4   | 5    | 37     | 17     | 1.224     | -0.043    | 3.691 | 0.016     | 0.013     | 0         | 54.2 | 55   | 58.5 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 5    | 47     | 17     | 1.23      | -0.043    | 3.691 | 0.016     | 0.013     | 0         | 54.2 | 55   | 55.9 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 5    | 57     | 17     | 1.207     | -0.043    | 3.691 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 58   | 157        | 159        | 0          | 32     | 32     |
| 2009 | 6     | 4   | 6    | 7      | 17     | 1.23      | -0.026    | 3.691 | 0.016     | 0.013     | 0         | 54.2 | 55   | 58   | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 6    | 17     | 17     | 1.227     | -0.03     | 3.694 | 0.016     | 0.016     | 0         | 54.2 | 55   | 57.6 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 6    | 27     | 17     | 1.234     | -0.049    | 3.694 | 0.01      | 0.007     | 0         | 54.2 | 55   | 57.6 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 6    | 37     | 17     | 1.214     | -0.052    | 3.694 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 57.6 | 157        | 159        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 6    | 47     | 17     | 1.23      | -0.069    | 3.694 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 55.9 | 157        | 159        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 6    | 57     | 17     | 1.243     | -0.039    | 3.694 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 56.3 | 157        | 159        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 7    | 7      | 17     | 1.23      | -0.072    | 3.698 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 58   | 157        | 159        | 0          | 32     | 32     |
| 2009 | 6     | 4   | 7    | 17     | 17     | 1.227     | -0.056    | 3.698 | 0.013     | 0.01      | 0         | 53.8 | 55   | 57.6 | 157        | 159        | 0          | 32     | 31     |
| 2009 | 6     | 4   | 7    | 27     | 17     | 1.204     | -0.105    | 3.701 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 56.8 | 157        | 159        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 7    | 37     | 17     | 1.214     | -0.036    | 3.704 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 56.3 | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 7    | 47     | 17     | 1.247     | -0.049    | 3.704 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 55.5 | 156        | 158        | 0          | 32     | 31     |
| 2009 | 6     | 4   | 7    | 57     | 17     | 1.23      | -0.033    | 3.707 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 58   | 156        | 159        | 0          | 31     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 4   | 8    | 7      | 17     | 1.22      | -0.036    | 3.707 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 55.9 | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 8    | 17     | 17     | 1.23      | -0.043    | 3.711 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 56.8 | 156        | 159        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 8    | 27     | 17     | 1.227     | -0.056    | 3.711 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 57.2 | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 8    | 37     | 17     | 1.257     | -0.043    | 3.714 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 56.3 | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 8    | 47     | 17     | 1.257     | -0.026    | 3.714 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 57.2 | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 8    | 57     | 17     | 1.247     | -0.043    | 3.714 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 56.3 | 156        | 157        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 9    | 7      | 17     | 1.253     | -0.056    | 3.717 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 57.2 | 155        | 157        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 9    | 17     | 17     | 1.257     | -0.023    | 3.717 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 58.5 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 9    | 27     | 17     | 1.257     | -0.049    | 3.717 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 56.8 | 156        | 158        | 0          | 30     | 32     |
| 2009 | 6     | 4   | 9    | 37     | 17     | 1.224     | -0.033    | 3.72  | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 58.5 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 9    | 47     | 17     | 1.22      | -0.03     | 3.72  | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 57.2 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 9    | 57     | 17     | 1.257     | -0.026    | 3.72  | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 57.2 | 155        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 10   | 7      | 17     | 1.263     | -0.039    | 3.72  | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 57.6 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 10   | 17     | 17     | 1.289     | -0.049    | 3.724 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 58   | 154        | 156        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 10   | 27     | 17     | 1.257     | -0.052    | 3.724 | 0.016     | 0.013     | 0         | 52.9 | 53.8 | 59.3 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 10   | 37     | 17     | 1.207     | -0.062    | 3.724 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 58.9 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 10   | 47     | 17     | 1.234     | -0.046    | 3.724 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 59.8 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 10   | 57     | 17     | 1.23      | -0.007    | 3.727 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 58.5 | 154        | 156        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 11   | 7      | 17     | 1.25      | -0.036    | 3.727 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 58.5 | 154        | 155        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 11   | 17     | 17     | 1.253     | -0.007    | 3.727 | 0.016     | 0.013     | 0         | 52.5 | 53.3 | 60.6 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 11   | 27     | 17     | 1.23      | -0.026    | 3.727 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 59.3 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 11   | 37     | 17     | 1.24      | -0.01     | 3.73  | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 58.9 | 154        | 155        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 11   | 47     | 17     | 1.286     | -0.049    | 3.73  | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 58   | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 11   | 57     | 17     | 1.234     | -0.036    | 3.73  | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 57.6 | 153        | 155        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 12   | 7      | 17     | 1.25      | -0.02     | 3.73  | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 55.9 | 153        | 155        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 12   | 17     | 17     | 1.227     | -0.079    | 3.734 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 57.6 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 12   | 27     | 17     | 1.26      | -0.023    | 3.734 | 0.016     | 0.013     | 0         | 52.9 | 52.9 | 56.8 | 153        | 155        | 0          | 30     | 32     |
| 2009 | 6     | 4   | 12   | 37     | 17     | 1.257     | 0         | 3.734 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 57.2 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 12   | 47     | 17     | 1.263     | -0.036    | 3.734 | 0.016     | 0.016     | 0         | 52.9 | 53.3 | 58   | 154        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 12   | 57     | 17     | 1.25      | -0.026    | 3.737 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 55   | 153        | 156        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 13   | 7      | 17     | 1.217     | -0.013    | 3.737 | 0.016     | 0.013     | 0         | 52.9 | 53.8 | 58   | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 13   | 17     | 17     | 1.24      | -0.023    | 3.737 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 57.2 | 153        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 13   | 27     | 17     | 1.243     | -0.026    | 3.737 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 58   | 154        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 13   | 37     | 17     | 1.28      | -0.02     | 3.737 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 55.9 | 154        | 155        | 0          | 32     | 32     |
| 2009 | 6     | 4   | 13   | 47     | 17     | 1.276     | -0.066    | 3.74  | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 53.3 | 154        | 156        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 13   | 57     | 17     | 1.243     | 0         | 3.74  | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 54.6 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 14   | 7      | 17     | 1.26      | -0.039    | 3.74  | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 56.8 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 14   | 17     | 17     | 1.263     | -0.02     | 3.74  | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 52.9 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 14   | 27     | 17     | 1.27      | -0.026    | 3.74  | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 54.2 | 154        | 156        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 14   | 37     | 17     | 1.25      | -0.033    | 3.743 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 51.6 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 14   | 47     | 17     | 1.263     | -0.052    | 3.743 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 52.5 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 4   | 14   | 57     | 17     | 1.27      | -0.049    | 3.743 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 54.6 | 155        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 15   | 7      | 17     | 1.26      | -0.016    | 3.743 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 53.3 | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 15   | 17     | 17     | 1.237     | -0.01     | 3.747 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 52.5 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 15   | 27     | 17     | 1.247     | -0.043    | 3.747 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 51.2 | 156        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 15   | 37     | 17     | 1.263     | -0.052    | 3.747 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 54.2 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 15   | 47     | 17     | 1.26      | -0.03     | 3.747 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 52.9 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 15   | 57     | 17     | 1.266     | -0.023    | 3.747 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 55   | 155        | 157        | 0          | 30     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 4   | 16   | 7      | 17     | 1.266     | -0.007    | 3.75  | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 53.3 | 156        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 16   | 17     | 17     | 1.302     | -0.039    | 3.75  | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 52.9 | 156        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 16   | 27     | 17     | 1.276     | -0.016    | 3.75  | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 54.6 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 16   | 37     | 17     | 1.234     | -0.046    | 3.753 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 52   | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 4   | 16   | 47     | 17     | 1.22      | -0.03     | 3.757 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 52   | 156        | 157        | 0          | 32     | 31     |
| 2009 | 6     | 4   | 16   | 57     | 17     | 1.257     | -0.046    | 3.76  | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 52   | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 17   | 7      | 17     | 1.257     | -0.026    | 3.763 | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 50.3 | 156        | 157        | 0          | 30     | 32     |
| 2009 | 6     | 4   | 17   | 17     | 17     | 1.286     | -0.046    | 3.763 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 49.9 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 17   | 27     | 17     | 1.257     | -0.039    | 3.766 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 51.6 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 17   | 37     | 17     | 1.276     | 0.016     | 3.766 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 50.3 | 156        | 158        | 0          | 32     | 31     |
| 2009 | 6     | 4   | 17   | 47     | 17     | 1.283     | -0.023    | 3.77  | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 54.6 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 17   | 57     | 17     | 1.27      | -0.046    | 3.773 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 55.5 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 18   | 7      | 17     | 1.24      | -0.026    | 3.773 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 51.6 | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 18   | 17     | 17     | 1.266     | -0.033    | 3.773 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 52   | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 18   | 27     | 17     | 1.283     | -0.049    | 3.773 | 0.013     | 0.01      | 0         | 53.8 | 55   | 51.2 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 18   | 37     | 17     | 1.283     | -0.026    | 3.776 | 0.01      | 0.007     | 0         | 54.2 | 55   | 53.8 | 156        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 4   | 18   | 47     | 17     | 1.25      | -0.043    | 3.776 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 54.6 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 18   | 57     | 17     | 1.289     | -0.01     | 3.776 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 56.3 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 4   | 19   | 7      | 17     | 1.306     | -0.016    | 3.776 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 52.5 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 19   | 17     | 17     | 1.273     | -0.046    | 3.78  | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 55   | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 19   | 27     | 17     | 1.26      | -0.033    | 3.78  | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 54.2 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 4   | 19   | 37     | 17     | 1.322     | -0.033    | 3.78  | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 55.5 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 19   | 47     | 17     | 1.263     | -0.023    | 3.78  | 0.013     | 0.01      | 0         | 53.8 | 55   | 55.9 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 19   | 57     | 17     | 1.276     | -0.033    | 3.783 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 55   | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 20   | 7      | 17     | 1.289     | -0.026    | 3.783 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 55   | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 20   | 17     | 17     | 1.28      | -0.016    | 3.783 | 0.013     | 0.01      | 0         | 53.8 | 55   | 55   | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 20   | 27     | 17     | 1.325     | -0.02     | 3.786 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 54.6 | 156        | 158        | 0          | 30     | 32     |
| 2009 | 6     | 4   | 20   | 37     | 17     | 1.266     | -0.026    | 3.786 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 53.8 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 20   | 47     | 17     | 1.293     | -0.036    | 3.793 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 55   | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 4   | 20   | 57     | 17     | 1.243     | -0.033    | 3.793 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 54.2 | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 21   | 7      | 17     | 1.319     | -0.013    | 3.799 | 0.013     | 0.01      | 0         | 54.2 | 55   | 53.8 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 21   | 17     | 17     | 1.306     | -0.023    | 3.799 | 0.01      | 0.007     | 0         | 54.2 | 55   | 54.6 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 21   | 27     | 17     | 1.28      | -0.023    | 3.802 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 56.8 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 21   | 37     | 17     | 1.293     | -0.013    | 3.802 | 0.01      | 0.007     | 0         | 54.6 | 55   | 56.3 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 4   | 21   | 47     | 17     | 1.257     | -0.02     | 3.806 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 56.3 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 21   | 57     | 17     | 1.306     | -0.066    | 3.806 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 57.6 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 22   | 7      | 17     | 1.329     | -0.046    | 3.809 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 58   | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 22   | 17     | 17     | 1.306     | -0.059    | 3.809 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 58   | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 22   | 27     | 17     | 1.299     | -0.062    | 3.809 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 56.8 | 156        | 158        | 0          | 30     | 32     |
| 2009 | 6     | 4   | 22   | 37     | 17     | 1.286     | -0.023    | 3.809 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 56.3 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 22   | 47     | 17     | 1.316     | -0.013    | 3.809 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 55   | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 22   | 57     | 17     | 1.302     | -0.039    | 3.812 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 54.6 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 23   | 7      | 17     | 1.266     | -0.026    | 3.812 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 56.3 | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 4   | 23   | 17     | 17     | 1.306     | -0.016    | 3.812 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 55.9 | 156        | 158        | 0          | 30     | 32     |
| 2009 | 6     | 4   | 23   | 27     | 17     | 1.293     | -0.039    | 3.812 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 55   | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 23   | 37     | 17     | 1.299     | -0.026    | 3.812 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 55.5 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 4   | 23   | 47     | 17     | 1.325     | -0.016    | 3.816 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 56.3 | 156        | 158        | 0          | 32     | 31     |
| 2009 | 6     | 4   | 23   | 57     | 17     | 1.316     | -0.043    | 3.816 | 0.016     | 0.016     | 0         | 53.8 | 54.6 | 55.9 | 156        | 158        | 0          | 31     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 5   | 0    | 7      | 17     | 1.319     | -0.03     | 3.816 | 0.01      | 0.007     | 0         | 53.3 | 55   | 55.9 | 156        | 159        | 0          | 32     | 31     |
| 2009 | 6     | 5   | 0    | 17     | 17     | 1.302     | -0.016    | 3.819 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 54.6 | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 0    | 27     | 17     | 1.316     | 0         | 3.819 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 54.2 | 156        | 158        | 0          | 30     | 32     |
| 2009 | 6     | 5   | 0    | 37     | 17     | 1.286     | -0.023    | 3.822 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 54.2 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 0    | 47     | 17     | 1.299     | -0.023    | 3.822 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 54.6 | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 0    | 57     | 17     | 1.342     | -0.043    | 3.825 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 54.6 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 1    | 7      | 17     | 1.266     | -0.036    | 3.832 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 54.6 | 156        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 1    | 17     | 17     | 1.306     | -0.043    | 3.835 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 54.6 | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 1    | 27     | 17     | 1.293     | -0.079    | 3.835 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 55   | 156        | 157        | 0          | 32     | 31     |
| 2009 | 6     | 5   | 1    | 37     | 17     | 1.296     | -0.069    | 3.839 | 0.013     | 0.01      | 0         | 54.2 | 55   | 52.9 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 1    | 47     | 17     | 1.319     | -0.013    | 3.842 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 55.5 | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 1    | 57     | 17     | 1.312     | -0.01     | 3.842 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 55.9 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 2    | 7      | 17     | 1.329     | -0.062    | 3.842 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 55.5 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 5   | 2    | 17     | 17     | 1.302     | -0.03     | 3.845 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 54.2 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 2    | 27     | 17     | 1.322     | -0.046    | 3.845 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 54.6 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 2    | 37     | 17     | 1.329     | -0.02     | 3.845 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 56.3 | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 2    | 47     | 17     | 1.325     | -0.007    | 3.845 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 54.6 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 5   | 2    | 57     | 17     | 1.332     | -0.03     | 3.848 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 52.5 | 155        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 3    | 7      | 17     | 1.316     | -0.023    | 3.848 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 52.5 | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 3    | 17     | 17     | 1.296     | -0.072    | 3.848 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 55.5 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 3    | 27     | 17     | 1.276     | -0.052    | 3.852 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 55   | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 3    | 37     | 17     | 1.296     | -0.059    | 3.852 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 55.5 | 156        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 3    | 47     | 17     | 1.325     | -0.01     | 3.852 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 52   | 156        | 158        | 0          | 32     | 32     |
| 2009 | 6     | 5   | 3    | 57     | 17     | 1.332     | -0.026    | 3.852 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 55   | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 4    | 7      | 17     | 1.329     | -0.095    | 3.855 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 55.9 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 4    | 17     | 17     | 1.325     | -0.089    | 3.855 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 57.2 | 155        | 157        | 0          | 30     | 32     |
| 2009 | 6     | 5   | 4    | 27     | 17     | 1.342     | -0.039    | 3.855 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 56.3 | 155        | 157        | 0          | 32     | 31     |
| 2009 | 6     | 5   | 4    | 37     | 17     | 1.339     | -0.03     | 3.862 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 53.8 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 4    | 47     | 17     | 1.345     | -0.036    | 3.862 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 55   | 155        | 157        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 4    | 57     | 17     | 1.339     | -0.01     | 3.868 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 54.6 | 155        | 157        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 5    | 7      | 17     | 1.342     | -0.046    | 3.868 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 55.5 | 155        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 5    | 17     | 17     | 1.322     | -0.039    | 3.871 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 55.5 | 155        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 5    | 27     | 17     | 1.348     | -0.036    | 3.871 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 55   | 156        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 5    | 37     | 17     | 1.342     | -0.039    | 3.875 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 56.8 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 5    | 47     | 17     | 1.345     | -0.059    | 3.875 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 56.3 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 5    | 57     | 17     | 1.332     | -0.089    | 3.878 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 57.6 | 155        | 157        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 6    | 7      | 17     | 1.329     | -0.039    | 3.878 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 57.2 | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 6    | 17     | 17     | 1.312     | -0.03     | 3.881 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 55.9 | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 6    | 27     | 17     | 1.332     | -0.03     | 3.878 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 55   | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 6    | 37     | 17     | 1.342     | -0.02     | 3.881 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 53.8 | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 6    | 47     | 17     | 1.355     | -0.049    | 3.881 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 56.8 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 6    | 57     | 17     | 1.345     | -0.052    | 3.881 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 55.9 | 155        | 157        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 7    | 7      | 17     | 1.325     | -0.039    | 3.885 | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 53.3 | 156        | 157        | 0          | 30     | 32     |
| 2009 | 6     | 5   | 7    | 17     | 17     | 1.312     | -0.046    | 3.885 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 55.5 | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 7    | 27     | 17     | 1.335     | -0.069    | 3.885 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 57.2 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 7    | 37     | 17     | 1.365     | -0.036    | 3.885 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 54.6 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 7    | 47     | 17     | 1.342     | -0.026    | 3.888 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 55.5 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 7    | 57     | 17     | 1.312     | -0.075    | 3.888 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 56.8 | 155        | 157        | 0          | 31     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 5   | 8    | 7      | 17     | 1.355     | -0.049    | 3.888 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 56.3 | 155        | 157        | 0          | 30     | 32     |
| 2009 | 6     | 5   | 8    | 17     | 17     | 1.371     | -0.026    | 3.888 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 56.3 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 8    | 27     | 17     | 1.352     | -0.079    | 3.891 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 57.2 | 155        | 157        | 0          | 32     | 31     |
| 2009 | 6     | 5   | 8    | 37     | 17     | 1.348     | -0.072    | 3.894 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 56.8 | 154        | 156        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 8    | 47     | 17     | 1.322     | -0.056    | 3.894 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 55   | 154        | 156        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 8    | 57     | 17     | 1.381     | -0.069    | 3.894 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 54.6 | 155        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 9    | 7      | 17     | 1.339     | -0.062    | 3.894 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 55.9 | 154        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 9    | 17     | 17     | 1.342     | -0.056    | 3.898 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 55   | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 9    | 27     | 17     | 1.358     | -0.072    | 3.901 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 55.9 | 154        | 156        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 9    | 37     | 17     | 1.358     | -0.072    | 3.904 | 0.016     | 0.013     | 0         | 52.9 | 53.8 | 56.8 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 9    | 47     | 17     | 1.306     | -0.026    | 3.907 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 56.8 | 154        | 156        | 0          | 32     | 32     |
| 2009 | 6     | 5   | 9    | 57     | 17     | 1.358     | -0.066    | 3.911 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 56.3 | 153        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 10   | 7      | 17     | 1.365     | -0.082    | 3.911 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 57.2 | 153        | 156        | 0          | 30     | 32     |
| 2009 | 6     | 5   | 10   | 17     | 17     | 1.345     | -0.082    | 3.911 | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 54.6 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 5   | 10   | 27     | 17     | 1.388     | -0.079    | 3.914 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 57.6 | 153        | 155        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 10   | 37     | 17     | 1.348     | -0.033    | 3.917 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 57.2 | 153        | 155        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 10   | 47     | 17     | 1.362     | -0.072    | 3.917 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 57.2 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 5   | 10   | 57     | 17     | 1.345     | -0.049    | 3.921 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 58   | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 11   | 7      | 17     | 1.358     | 0.01      | 3.921 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 57.2 | 154        | 156        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 11   | 17     | 17     | 1.352     | -0.03     | 3.921 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 58   | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 11   | 27     | 17     | 1.368     | -0.049    | 3.924 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 57.6 | 153        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 11   | 37     | 17     | 1.394     | -0.072    | 3.924 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 59.8 | 153        | 155        | 0          | 30     | 32     |
| 2009 | 6     | 5   | 11   | 47     | 17     | 1.342     | -0.043    | 3.924 | 0.016     | 0.013     | 0         | 52.9 | 53.8 | 58.9 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 11   | 57     | 17     | 1.371     | -0.075    | 3.927 | 0.016     | 0.013     | 0         | 52.9 | 53.3 | 59.3 | 154        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 12   | 7      | 17     | 1.345     | -0.049    | 3.927 | 0.016     | 0.013     | 0         | 52.5 | 53.3 | 58   | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 12   | 17     | 17     | 1.355     | -0.026    | 3.927 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 58.5 | 154        | 156        | 0          | 30     | 32     |
| 2009 | 6     | 5   | 12   | 27     | 17     | 1.381     | -0.062    | 3.927 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 58.9 | 154        | 156        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 12   | 37     | 17     | 1.345     | -0.046    | 3.93  | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 58.5 | 153        | 156        | 0          | 30     | 32     |
| 2009 | 6     | 5   | 12   | 47     | 17     | 1.365     | -0.01     | 3.93  | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 58   | 153        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 12   | 57     | 17     | 1.332     | -0.059    | 3.93  | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 59.3 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 13   | 7      | 17     | 1.371     | -0.082    | 3.93  | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 58.5 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 13   | 17     | 17     | 1.362     | -0.023    | 3.93  | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 57.2 | 153        | 155        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 13   | 27     | 17     | 1.391     | -0.026    | 3.93  | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 58.5 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 13   | 37     | 17     | 1.391     | -0.026    | 3.934 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 58.5 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 13   | 47     | 17     | 1.348     | 0.003     | 3.934 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 57.2 | 153        | 155        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 13   | 57     | 17     | 1.365     | -0.059    | 3.934 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 57.6 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 5   | 14   | 7      | 17     | 1.388     | -0.033    | 3.937 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 56.8 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 5   | 14   | 17     | 17     | 1.404     | -0.036    | 3.937 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 56.3 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 14   | 27     | 17     | 1.368     | -0.066    | 3.937 | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 58.9 | 154        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 14   | 37     | 17     | 1.348     | -0.01     | 3.937 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 57.2 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 14   | 47     | 17     | 1.332     | -0.036    | 3.94  | 0.016     | 0.013     | 0         | 52.9 | 52.9 | 55.5 | 154        | 155        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 14   | 57     | 17     | 1.401     | -0.049    | 3.94  | 0.013     | 0.01      | 0         | 54.6 | 55   | 57.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 5   | 15   | 7      | 17     | 1.355     | -0.026    | 3.94  | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 56.3 | 155        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 15   | 17     | 17     | 1.394     | -0.01     | 3.944 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 55.5 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 15   | 27     | 17     | 1.342     | -0.02     | 3.944 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 55   | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 5   | 15   | 37     | 17     | 1.385     | -0.056    | 3.944 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 55.5 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 15   | 47     | 17     | 1.365     | -0.03     | 3.947 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 55   | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 15   | 57     | 17     | 1.375     | -0.036    | 3.947 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 54.2 | 155        | 157        | 0          | 30     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 5   | 16   | 7      | 17     | 1.388     | -0.036    | 3.95  | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 55.5 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 16   | 17     | 17     | 1.365     | -0.049    | 3.95  | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 55   | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 16   | 27     | 17     | 1.381     | -0.062    | 3.957 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 56.8 | 154        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 16   | 37     | 17     | 1.375     | -0.062    | 3.957 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 55.5 | 154        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 16   | 47     | 17     | 1.365     | -0.036    | 3.957 | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 54.2 | 155        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 16   | 57     | 17     | 1.368     | -0.016    | 3.96  | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 54.6 | 154        | 156        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 17   | 7      | 17     | 1.385     | -0.082    | 3.96  | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 55.9 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 17   | 17     | 17     | 1.394     | -0.039    | 3.967 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 56.8 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 17   | 27     | 17     | 1.391     | -0.039    | 3.967 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 57.2 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 17   | 37     | 17     | 1.345     | -0.059    | 3.967 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 58   | 155        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 17   | 47     | 17     | 1.401     | -0.062    | 3.97  | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 56.8 | 154        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 17   | 57     | 17     | 1.404     | -0.039    | 3.97  | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 56.8 | 155        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 18   | 7      | 17     | 1.362     | -0.052    | 3.97  | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 58   | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 5   | 18   | 17     | 17     | 1.368     | -0.056    | 3.973 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 57.6 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 5   | 18   | 27     | 17     | 1.368     | -0.098    | 3.973 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 58   | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 18   | 37     | 17     | 1.365     | -0.079    | 3.973 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 58.9 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 5   | 18   | 47     | 17     | 1.378     | -0.043    | 3.973 | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 58.9 | 155        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 18   | 57     | 17     | 1.378     | -0.092    | 3.973 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 57.6 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 5   | 19   | 7      | 17     | 1.378     | -0.02     | 3.973 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 57.6 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 5   | 19   | 17     | 17     | 1.401     | -0.066    | 3.973 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 57.2 | 155        | 157        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 19   | 27     | 17     | 1.414     | -0.082    | 3.976 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 58   | 155        | 157        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 19   | 37     | 17     | 1.401     | -0.079    | 3.976 | 0.02      | 0.016     | 0         | 53.8 | 54.2 | 57.2 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 5   | 19   | 47     | 17     | 1.365     | -0.066    | 3.976 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 57.6 | 155        | 157        | 0          | 30     | 32     |
| 2009 | 6     | 5   | 19   | 57     | 17     | 1.385     | -0.072    | 3.976 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 57.6 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 20   | 7      | 17     | 1.404     | -0.046    | 3.976 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 57.2 | 155        | 157        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 20   | 17     | 17     | 1.381     | -0.049    | 3.98  | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 56.8 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 20   | 27     | 17     | 1.378     | -0.052    | 3.98  | 0.013     | 0.01      | 0         | 54.2 | 55   | 55.5 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 20   | 37     | 17     | 1.365     | -0.052    | 3.98  | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 55.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 5   | 20   | 47     | 17     | 1.417     | -0.043    | 3.98  | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 53.8 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 20   | 57     | 17     | 1.388     | -0.062    | 3.983 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 53.8 | 156        | 157        | 0          | 32     | 32     |
| 2009 | 6     | 5   | 21   | 7      | 17     | 1.355     | -0.069    | 3.983 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 54.6 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 5   | 21   | 17     | 17     | 1.407     | -0.033    | 3.986 | 0.016     | 0.013     | 0         | 54.2 | 53.8 | 52   | 156        | 157        | 0          | 30     | 32     |
| 2009 | 6     | 5   | 21   | 27     | 17     | 1.414     | -0.036    | 3.99  | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 52.9 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 21   | 37     | 17     | 1.388     | -0.036    | 3.99  | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 52.5 | 156        | 157        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 21   | 47     | 17     | 1.375     | -0.023    | 3.996 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 52.9 | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 21   | 57     | 17     | 1.401     | -0.033    | 3.996 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 53.3 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 5   | 22   | 7      | 17     | 1.375     | -0.036    | 3.999 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 55   | 156        | 157        | 0          | 31     | 32     |
| 2009 | 6     | 5   | 22   | 17     | 17     | 1.394     | 0.003     | 3.999 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 55.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 5   | 22   | 27     | 17     | 1.388     | -0.049    | 4.003 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 55   | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 5   | 22   | 37     | 17     | 1.362     | -0.062    | 4.003 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 54.6 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 22   | 47     | 17     | 1.381     | -0.049    | 4.006 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 57.2 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 22   | 57     | 17     | 1.381     | -0.079    | 4.006 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 55.9 | 155        | 158        | 0          | 30     | 32     |
| 2009 | 6     | 5   | 23   | 7      | 17     | 1.391     | -0.062    | 4.006 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 58   | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 23   | 17     | 17     | 1.394     | -0.049    | 4.006 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 56.8 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 23   | 27     | 17     | 1.388     | -0.082    | 4.006 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 56.3 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 23   | 37     | 17     | 1.368     | -0.049    | 4.006 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 56.8 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 23   | 47     | 17     | 1.401     | -0.052    | 4.009 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 57.2 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 5   | 23   | 57     | 17     | 1.414     | -0.049    | 4.009 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 57.2 | 155        | 157        | 0          | 31     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 6   | 0    | 7      | 17     | 1.401     | -0.039    | 4.009 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 56.8 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 0    | 17     | 17     | 1.434     | -0.036    | 4.009 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 55.9 | 155        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 0    | 27     | 17     | 1.391     | -0.039    | 4.009 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 57.2 | 156        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 0    | 37     | 17     | 1.401     | -0.023    | 4.009 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 57.6 | 156        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 0    | 47     | 17     | 1.368     | -0.039    | 4.009 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 57.6 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 0    | 57     | 17     | 1.414     | -0.036    | 4.009 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 56.8 | 155        | 157        | 0          | 31     | 32     |
| 2009 | 6     | 6   | 1    | 7      | 17     | 1.421     | -0.03     | 4.012 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 56.8 | 156        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 1    | 17     | 17     | 1.407     | -0.052    | 4.012 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 57.2 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 1    | 27     | 17     | 1.411     | -0.043    | 4.012 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 57.2 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 1    | 37     | 17     | 1.427     | -0.043    | 4.012 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 56.3 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 1    | 47     | 17     | 1.378     | -0.046    | 4.012 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 56.8 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 1    | 57     | 17     | 1.427     | -0.062    | 4.012 | 0.016     | 0.016     | 0         | 53.3 | 54.2 | 55.9 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 2    | 7      | 17     | 1.417     | -0.062    | 4.012 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 56.8 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 2    | 17     | 17     | 1.407     | -0.069    | 4.016 | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 55.9 | 155        | 157        | 0          | 31     | 32     |
| 2009 | 6     | 6   | 2    | 27     | 17     | 1.401     | -0.079    | 4.016 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 55.9 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 2    | 37     | 17     | 1.411     | -0.075    | 4.016 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 55.9 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 2    | 47     | 17     | 1.371     | -0.062    | 4.016 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 57.2 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 2    | 57     | 17     | 1.404     | -0.062    | 4.016 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 55.5 | 155        | 157        | 0          | 31     | 32     |
| 2009 | 6     | 6   | 3    | 7      | 17     | 1.411     | -0.079    | 4.016 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 55.9 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 3    | 17     | 17     | 1.388     | -0.082    | 4.019 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 55.9 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 3    | 27     | 17     | 1.398     | -0.056    | 4.019 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 55.9 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 3    | 37     | 17     | 1.375     | -0.085    | 4.022 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 54.6 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 3    | 47     | 17     | 1.381     | -0.079    | 4.022 | 0.016     | 0.016     | 0         | 53.3 | 53.8 | 55.5 | 155        | 157        | 0          | 31     | 32     |
| 2009 | 6     | 6   | 3    | 57     | 17     | 1.407     | -0.052    | 4.026 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 55.9 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 4    | 7      | 17     | 1.407     | -0.059    | 4.026 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 55.5 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 4    | 17     | 17     | 1.401     | -0.059    | 4.029 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 54.2 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 4    | 27     | 17     | 1.427     | -0.059    | 4.032 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 56.3 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 4    | 37     | 17     | 1.388     | -0.046    | 4.032 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 55.9 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 4    | 47     | 17     | 1.365     | -0.059    | 4.035 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 57.6 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 4    | 57     | 17     | 1.401     | -0.052    | 4.032 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 55.9 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 5    | 7      | 17     | 1.375     | -0.075    | 4.035 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 55   | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 5    | 17     | 17     | 1.414     | -0.072    | 4.035 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 56.8 | 155        | 157        | 0          | 31     | 32     |
| 2009 | 6     | 6   | 5    | 27     | 17     | 1.411     | -0.049    | 4.035 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 56.8 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 5    | 37     | 17     | 1.411     | -0.085    | 4.039 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 56.8 | 155        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 5    | 47     | 17     | 1.401     | -0.075    | 4.039 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 56.3 | 155        | 157        | 0          | 31     | 32     |
| 2009 | 6     | 6   | 5    | 57     | 17     | 1.398     | -0.039    | 4.039 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 58   | 155        | 157        | 0          | 30     | 32     |
| 2009 | 6     | 6   | 6    | 7      | 17     | 1.411     | -0.085    | 4.039 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 56.8 | 155        | 157        | 0          | 31     | 32     |
| 2009 | 6     | 6   | 6    | 17     | 17     | 1.44      | -0.033    | 4.039 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 58.5 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 6    | 27     | 17     | 1.404     | -0.085    | 4.039 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 57.2 | 155        | 157        | 0          | 32     | 32     |
| 2009 | 6     | 6   | 6    | 37     | 17     | 1.414     | -0.026    | 4.039 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 56.8 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 6    | 47     | 17     | 1.414     | -0.082    | 4.039 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 58.5 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 6    | 57     | 17     | 1.404     | -0.089    | 4.042 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 58   | 155        | 157        | 0          | 31     | 32     |
| 2009 | 6     | 6   | 7    | 7      | 17     | 1.411     | -0.072    | 4.042 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 58   | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 7    | 17     | 17     | 1.414     | -0.052    | 4.042 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 56.8 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 7    | 27     | 17     | 1.378     | -0.059    | 4.042 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 56.8 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 7    | 37     | 17     | 1.401     | -0.062    | 4.042 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 57.2 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 7    | 47     | 17     | 1.411     | -0.049    | 4.042 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 58.5 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 7    | 57     | 17     | 1.424     | -0.052    | 4.042 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 56.8 | 155        | 157        | 0          | 30     | 31     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 6   | 8    | 7      | 17     | 1.388     | -0.036    | 4.042 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 57.6 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 8    | 17     | 17     | 1.421     | -0.085    | 4.042 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 57.6 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 8    | 27     | 17     | 1.398     | -0.075    | 4.045 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 57.6 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 8    | 37     | 17     | 1.407     | -0.082    | 4.045 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 57.6 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 8    | 47     | 17     | 1.411     | -0.043    | 4.045 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 55.9 | 154        | 156        | 0          | 31     | 32     |
| 2009 | 6     | 6   | 8    | 57     | 17     | 1.404     | -0.036    | 4.045 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 56.3 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 9    | 7      | 17     | 1.421     | -0.072    | 4.045 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 55.9 | 154        | 156        | 0          | 31     | 32     |
| 2009 | 6     | 6   | 9    | 17     | 17     | 1.427     | -0.056    | 4.045 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 57.6 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 9    | 27     | 17     | 1.404     | -0.046    | 4.045 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 56.8 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 9    | 37     | 17     | 1.404     | -0.036    | 4.045 | 0.016     | 0.013     | 0         | 52.9 | 53.8 | 55.9 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 9    | 47     | 17     | 1.417     | -0.072    | 4.045 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 57.2 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 9    | 57     | 17     | 1.404     | -0.069    | 4.045 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 56.8 | 154        | 155        | 0          | 31     | 32     |
| 2009 | 6     | 6   | 10   | 7      | 17     | 1.401     | -0.066    | 4.049 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 56.8 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 10   | 17     | 17     | 1.45      | -0.036    | 4.049 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 57.6 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 10   | 27     | 17     | 1.407     | -0.046    | 4.049 | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 57.2 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 10   | 37     | 17     | 1.407     | -0.046    | 4.049 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 57.6 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 10   | 47     | 17     | 1.411     | -0.075    | 4.049 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 57.2 | 153        | 155        | 0          | 31     | 32     |
| 2009 | 6     | 6   | 10   | 57     | 17     | 1.457     | -0.062    | 4.049 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 55.9 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 11   | 7      | 17     | 1.407     | -0.049    | 4.049 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 57.2 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 11   | 17     | 17     | 1.447     | -0.033    | 4.052 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 55.5 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 11   | 27     | 17     | 1.421     | -0.01     | 4.052 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 55.9 | 153        | 155        | 0          | 31     | 32     |
| 2009 | 6     | 6   | 11   | 37     | 17     | 1.437     | -0.033    | 4.052 | 0.01      | 0.007     | 0         | 52   | 52.9 | 57.2 | 152        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 11   | 47     | 17     | 1.44      | -0.036    | 4.052 | 0.013     | 0.01      | 0         | 52   | 52.9 | 56.3 | 152        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 11   | 57     | 17     | 1.447     | -0.007    | 4.055 | 0.01      | 0.007     | 0         | 52   | 52.5 | 54.6 | 152        | 154        | 0          | 31     | 32     |
| 2009 | 6     | 6   | 12   | 7      | 17     | 1.401     | -0.079    | 4.052 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 56.8 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 12   | 17     | 17     | 1.414     | -0.062    | 4.055 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 54.2 | 153        | 155        | 0          | 31     | 32     |
| 2009 | 6     | 6   | 12   | 27     | 17     | 1.424     | -0.033    | 4.055 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 55   | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 12   | 37     | 17     | 1.391     | -0.052    | 4.055 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 56.8 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 12   | 47     | 17     | 1.421     | -0.039    | 4.055 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 55.9 | 153        | 155        | 0          | 29     | 31     |
| 2009 | 6     | 6   | 12   | 57     | 17     | 1.437     | -0.023    | 4.055 | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 55.5 | 153        | 154        | 0          | 31     | 32     |
| 2009 | 6     | 6   | 13   | 7      | 17     | 1.414     | -0.075    | 4.055 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 55.5 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 13   | 17     | 17     | 1.447     | -0.023    | 4.058 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 56.8 | 153        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 13   | 27     | 17     | 1.427     | -0.039    | 4.058 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 56.8 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 13   | 37     | 17     | 1.434     | -0.043    | 4.058 | 0.016     | 0.013     | 0         | 52.9 | 53.3 | 54.6 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 13   | 47     | 17     | 1.417     | -0.03     | 4.058 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 55   | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 13   | 57     | 17     | 1.434     | -0.036    | 4.058 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 56.8 | 153        | 155        | 0          | 31     | 32     |
| 2009 | 6     | 6   | 14   | 7      | 17     | 1.43      | -0.02     | 4.058 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 55   | 153        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 14   | 17     | 17     | 1.44      | -0.072    | 4.062 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 54.2 | 153        | 155        | 0          | 31     | 32     |
| 2009 | 6     | 6   | 14   | 27     | 17     | 1.404     | -0.023    | 4.062 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 55   | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 14   | 37     | 17     | 1.404     | -0.016    | 4.062 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 53.8 | 154        | 155        | 0          | 31     | 32     |
| 2009 | 6     | 6   | 14   | 47     | 17     | 1.407     | -0.052    | 4.062 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 55.9 | 154        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 14   | 57     | 17     | 1.407     | -0.066    | 4.062 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 54.6 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 15   | 7      | 17     | 1.434     | -0.026    | 4.065 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 53.3 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 15   | 17     | 17     | 1.437     | -0.056    | 4.065 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 54.6 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 15   | 27     | 17     | 1.467     | -0.023    | 4.065 | 0.016     | 0.016     | 0         | 52.5 | 53.3 | 55.5 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 15   | 37     | 17     | 1.391     | -0.066    | 4.065 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 54.2 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 15   | 47     | 17     | 1.43      | -0.052    | 4.065 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 55.5 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 15   | 57     | 17     | 1.424     | -0.072    | 4.065 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 54.6 | 153        | 155        | 0          | 30     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 6   | 16   | 7      | 17     | 1.414     | -0.079    | 4.065 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 54.2 | 154        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 16   | 17     | 17     | 1.404     | -0.089    | 4.068 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 54.2 | 153        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 16   | 27     | 17     | 1.424     | -0.016    | 4.068 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 50.7 | 154        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 16   | 37     | 17     | 1.44      | -0.033    | 4.068 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 52.5 | 154        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 16   | 47     | 17     | 1.434     | -0.036    | 4.068 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 52.5 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 16   | 57     | 17     | 1.47      | -0.023    | 4.068 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 51.6 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 17   | 7      | 17     | 1.46      | -0.01     | 4.068 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 50.7 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 17   | 17     | 17     | 1.444     | -0.059    | 4.068 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 53.8 | 155        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 17   | 27     | 17     | 1.427     | -0.023    | 4.072 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 52.5 | 154        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 17   | 37     | 17     | 1.434     | 0         | 4.072 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 52   | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 17   | 47     | 17     | 1.434     | -0.02     | 4.068 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 53.3 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 17   | 57     | 17     | 1.447     | -0.049    | 4.068 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 53.3 | 155        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 18   | 7      | 17     | 1.46      | -0.02     | 4.072 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 52.5 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 18   | 17     | 17     | 1.424     | -0.079    | 4.068 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 54.2 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 18   | 27     | 17     | 1.424     | -0.059    | 4.075 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 52.9 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 18   | 37     | 17     | 1.447     | 0         | 4.075 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 54.2 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 18   | 47     | 17     | 1.414     | -0.033    | 4.075 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 54.6 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 18   | 57     | 17     | 1.427     | -0.03     | 4.075 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 52.9 | 155        | 157        | 0          | 30     | 32     |
| 2009 | 6     | 6   | 19   | 7      | 17     | 1.457     | -0.046    | 4.078 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 53.8 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 19   | 17     | 17     | 1.444     | -0.049    | 4.075 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 53.8 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 19   | 27     | 17     | 1.444     | -0.013    | 4.078 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 54.2 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 19   | 37     | 17     | 1.434     | -0.023    | 4.081 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 54.2 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 19   | 47     | 17     | 1.447     | -0.046    | 4.081 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 55.5 | 156        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 19   | 57     | 17     | 1.421     | -0.059    | 4.081 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 55   | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 20   | 7      | 17     | 1.444     | -0.02     | 4.081 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 55   | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 6   | 20   | 17     | 17     | 1.43      | -0.072    | 4.081 | 0.013     | 0.01      | 0         | 54.2 | 55   | 53.8 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 20   | 27     | 17     | 1.447     | -0.072    | 4.081 | 0.013     | 0.01      | 0         | 54.2 | 55   | 53.8 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 20   | 37     | 17     | 1.43      | -0.026    | 4.081 | 0.01      | 0.007     | 0         | 54.2 | 55   | 54.6 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 20   | 47     | 17     | 1.437     | -0.059    | 4.085 | 0.016     | 0.013     | 0         | 54.2 | 55   | 54.2 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 20   | 57     | 17     | 1.476     | -0.046    | 4.081 | 0.01      | 0.007     | 0         | 54.6 | 54.2 | 54.6 | 157        | 158        | 0          | 30     | 32     |
| 2009 | 6     | 6   | 21   | 7      | 17     | 1.447     | -0.046    | 4.085 | 0.01      | 0.007     | 0         | 54.6 | 55   | 55   | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 21   | 17     | 17     | 1.421     | -0.066    | 4.085 | 0.01      | 0.007     | 0         | 54.2 | 55   | 54.6 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 21   | 27     | 17     | 1.447     | -0.023    | 4.085 | 0.013     | 0.01      | 0         | 54.2 | 55   | 55.9 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 21   | 37     | 17     | 1.483     | -0.036    | 4.085 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 53.8 | 157        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 6   | 21   | 47     | 17     | 1.457     | -0.082    | 4.085 | 0.01      | 0.007     | 0         | 54.6 | 55   | 56.8 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 21   | 57     | 17     | 1.437     | -0.046    | 4.085 | 0.013     | 0.01      | 0         | 54.2 | 55   | 55.5 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 22   | 7      | 17     | 1.45      | -0.026    | 4.085 | 0.01      | 0.007     | 0         | 54.6 | 55   | 55.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 22   | 17     | 17     | 1.437     | -0.072    | 4.088 | 0.013     | 0.01      | 0         | 54.6 | 55   | 55   | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 22   | 27     | 17     | 1.457     | -0.079    | 4.085 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 56.3 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 22   | 37     | 17     | 1.401     | -0.075    | 4.088 | 0.016     | 0.013     | 0         | 54.2 | 55   | 55.5 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 22   | 47     | 17     | 1.417     | -0.066    | 4.088 | 0.01      | 0.007     | 0         | 54.6 | 55   | 57.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 22   | 57     | 17     | 1.457     | -0.023    | 4.088 | 0.016     | 0.013     | 0         | 54.6 | 55   | 55.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 23   | 7      | 17     | 1.421     | -0.036    | 4.088 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 57.2 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 23   | 17     | 17     | 1.47      | -0.059    | 4.088 | 0.013     | 0.01      | 0         | 54.2 | 55   | 55.5 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 23   | 27     | 17     | 1.424     | -0.033    | 4.088 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 56.8 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 23   | 37     | 17     | 1.427     | -0.036    | 4.088 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 54.6 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 6   | 23   | 47     | 17     | 1.447     | -0.026    | 4.088 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 55.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 6   | 23   | 57     | 17     | 1.43      | -0.079    | 4.088 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 56.8 | 157        | 158        | 0          | 30     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 7   | 0    | 7      | 17     | 1.414     | -0.036    | 4.091 | 0.01      | 0.007     | 0         | 54.6 | 55   | 56.3 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 0    | 17     | 17     | 1.43      | -0.023    | 4.091 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 54.2 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 0    | 27     | 17     | 1.457     | -0.043    | 4.091 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 56.3 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 0    | 37     | 17     | 1.434     | -0.033    | 4.091 | 0.013     | 0.01      | 0         | 54.2 | 55   | 55.9 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 0    | 47     | 17     | 1.444     | -0.036    | 4.091 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 55.9 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 0    | 57     | 17     | 1.421     | -0.046    | 4.091 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 55.9 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 1    | 7      | 17     | 1.43      | -0.052    | 4.091 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 55   | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 1    | 17     | 17     | 1.424     | -0.043    | 4.091 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 56.3 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 1    | 27     | 17     | 1.46      | -0.049    | 4.091 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 55.5 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 1    | 37     | 17     | 1.411     | -0.056    | 4.091 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 55.9 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 1    | 47     | 17     | 1.404     | -0.059    | 4.091 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 55.9 | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 7   | 1    | 57     | 17     | 1.45      | 0         | 4.091 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 55.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 2    | 7      | 17     | 1.444     | -0.089    | 4.091 | 0.01      | 0.007     | 0         | 53.8 | 55   | 56.3 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 2    | 17     | 17     | 1.414     | -0.052    | 4.091 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 56.3 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 2    | 27     | 17     | 1.48      | -0.072    | 4.091 | 0.01      | 0.007     | 0         | 53.8 | 55   | 55.5 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 2    | 37     | 17     | 1.398     | -0.079    | 4.091 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 55.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 2    | 47     | 17     | 1.421     | -0.072    | 4.091 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 55   | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 2    | 57     | 17     | 1.467     | -0.026    | 4.091 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 55.9 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 3    | 7      | 17     | 1.486     | -0.046    | 4.091 | 0.013     | 0.01      | 0         | 54.2 | 55   | 56.3 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 3    | 17     | 17     | 1.467     | -0.046    | 4.091 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 57.2 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 3    | 27     | 17     | 1.447     | -0.013    | 4.091 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 55.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 3    | 37     | 17     | 1.424     | -0.085    | 4.094 | 0.01      | 0.007     | 0         | 53.8 | 55   | 55.9 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 3    | 47     | 17     | 1.453     | -0.052    | 4.091 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 55.5 | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 7   | 3    | 57     | 17     | 1.46      | -0.062    | 4.091 | 0.01      | 0.007     | 0         | 53.8 | 55   | 56.3 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 4    | 7      | 17     | 1.45      | -0.052    | 4.091 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 53.3 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 4    | 17     | 17     | 1.473     | -0.043    | 4.091 | 0.01      | 0.007     | 0         | 54.6 | 55   | 55.5 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 4    | 27     | 17     | 1.414     | -0.062    | 4.091 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 55   | 157        | 158        | 0          | 30     | 32     |
| 2009 | 6     | 7   | 4    | 37     | 17     | 1.444     | -0.036    | 4.091 | 0.016     | 0.016     | 0         | 53.8 | 54.6 | 55   | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 4    | 47     | 17     | 1.43      | -0.046    | 4.091 | 0.01      | 0.007     | 0         | 54.2 | 55   | 55.5 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 4    | 57     | 17     | 1.473     | -0.049    | 4.091 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 54.2 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 5    | 7      | 17     | 1.424     | -0.062    | 4.091 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 54.6 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 5    | 17     | 17     | 1.414     | -0.082    | 4.091 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 55   | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 5    | 27     | 17     | 1.467     | -0.049    | 4.094 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 55   | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 5    | 37     | 17     | 1.447     | -0.052    | 4.094 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 55   | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 5    | 47     | 17     | 1.427     | -0.033    | 4.094 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 54.6 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 5    | 57     | 17     | 1.46      | -0.033    | 4.094 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 54.2 | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 7   | 6    | 7      | 17     | 1.467     | -0.03     | 4.094 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 54.6 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 6    | 17     | 17     | 1.417     | -0.023    | 4.094 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 53.3 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 6    | 27     | 17     | 1.427     | -0.059    | 4.094 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 53.8 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 6    | 37     | 17     | 1.447     | -0.069    | 4.094 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 55.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 6    | 47     | 17     | 1.48      | -0.043    | 4.094 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 54.2 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 6    | 57     | 17     | 1.407     | -0.085    | 4.094 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 54.2 | 156        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 7    | 7      | 17     | 1.394     | -0.069    | 4.094 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 55   | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 7    | 17     | 17     | 1.447     | -0.049    | 4.094 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 54.2 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 7    | 27     | 17     | 1.467     | -0.089    | 4.094 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 54.2 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 7    | 37     | 17     | 1.457     | -0.062    | 4.098 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 55   | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 7    | 47     | 17     | 1.421     | -0.052    | 4.098 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 53.8 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 7    | 57     | 17     | 1.417     | -0.059    | 4.098 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 53.8 | 155        | 157        | 0          | 31     | 32     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 7   | 8    | 7      | 17     | 1.44      | -0.049    | 4.098 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 54.2 | 155        | 157        | 0          | 30     | 32     |
| 2009 | 6     | 7   | 8    | 17     | 17     | 1.437     | -0.049    | 4.098 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 53.3 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 8    | 27     | 17     | 1.43      | -0.036    | 4.098 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 53.8 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 8    | 37     | 17     | 1.444     | -0.066    | 4.098 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 53.8 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 8    | 47     | 17     | 1.457     | -0.082    | 4.101 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 54.2 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 8    | 57     | 17     | 1.453     | -0.036    | 4.098 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 55   | 155        | 156        | 0          | 31     | 32     |
| 2009 | 6     | 7   | 9    | 7      | 17     | 1.463     | -0.033    | 4.098 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 54.6 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 9    | 17     | 17     | 1.467     | 0.01      | 4.101 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 53.8 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 9    | 27     | 17     | 1.47      | -0.046    | 4.098 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 54.6 | 154        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 9    | 37     | 17     | 1.421     | -0.046    | 4.098 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 54.6 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 9    | 47     | 17     | 1.407     | -0.052    | 4.098 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 55   | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 9    | 57     | 17     | 1.447     | -0.062    | 4.101 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 54.2 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 10   | 7      | 17     | 1.437     | -0.079    | 4.098 | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 55.9 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 10   | 17     | 17     | 1.437     | -0.059    | 4.098 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 55   | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 10   | 27     | 17     | 1.43      | -0.059    | 4.101 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 53.8 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 10   | 37     | 17     | 1.473     | -0.036    | 4.098 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 56.3 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 10   | 47     | 17     | 1.45      | -0.062    | 4.101 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 55.5 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 10   | 57     | 17     | 1.463     | -0.023    | 4.101 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 55.5 | 153        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 11   | 7      | 17     | 1.444     | -0.046    | 4.098 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 55.5 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 11   | 17     | 17     | 1.447     | -0.036    | 4.101 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 54.6 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 11   | 27     | 17     | 1.457     | -0.036    | 4.098 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 55.9 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 11   | 37     | 17     | 1.444     | -0.082    | 4.098 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 54.2 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 11   | 47     | 17     | 1.44      | -0.023    | 4.101 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 54.2 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 11   | 57     | 17     | 1.463     | -0.013    | 4.101 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 55   | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 12   | 7      | 17     | 1.48      | -0.01     | 4.101 | 0.016     | 0.013     | 0         | 52.9 | 53.3 | 55.5 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 12   | 17     | 17     | 1.45      | -0.007    | 4.101 | 0.016     | 0.013     | 0         | 52.9 | 52.9 | 55.9 | 153        | 155        | 0          | 30     | 32     |
| 2009 | 6     | 7   | 12   | 27     | 17     | 1.437     | -0.03     | 4.101 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 55.5 | 154        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 12   | 37     | 17     | 1.444     | -0.039    | 4.101 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 55.9 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 12   | 47     | 17     | 1.467     | -0.026    | 4.101 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 54.6 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 12   | 57     | 17     | 1.463     | -0.046    | 4.101 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 56.3 | 153        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 13   | 7      | 17     | 1.467     | -0.036    | 4.101 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 57.2 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 13   | 17     | 17     | 1.43      | -0.016    | 4.101 | 0.016     | 0.013     | 0         | 52.5 | 53.3 | 55.5 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 13   | 27     | 17     | 1.444     | -0.02     | 4.101 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 55.9 | 153        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 13   | 37     | 17     | 1.457     | -0.036    | 4.101 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 55.5 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 13   | 47     | 17     | 1.46      | -0.03     | 4.101 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 55   | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 13   | 57     | 17     | 1.437     | -0.007    | 4.101 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 56.8 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 14   | 7      | 17     | 1.437     | -0.026    | 4.101 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 55.9 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 14   | 17     | 17     | 1.447     | -0.007    | 4.101 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 55   | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 14   | 27     | 17     | 1.453     | -0.016    | 4.101 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 56.8 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 14   | 37     | 17     | 1.453     | -0.059    | 4.101 | 0.016     | 0.013     | 0         | 52.5 | 53.3 | 55.5 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 14   | 47     | 17     | 1.45      | -0.066    | 4.101 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 57.6 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 14   | 57     | 17     | 1.444     | -0.049    | 4.101 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 55.5 | 153        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 15   | 7      | 17     | 1.447     | 0.016     | 4.101 | 0.016     | 0.013     | 0         | 52.9 | 53.3 | 54.2 | 154        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 15   | 17     | 17     | 1.447     | 0         | 4.101 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 54.6 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 15   | 27     | 17     | 1.493     | -0.02     | 4.104 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 56.3 | 153        | 155        | 0          | 31     | 32     |
| 2009 | 6     | 7   | 15   | 37     | 17     | 1.447     | 0         | 4.101 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 55.5 | 154        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 15   | 47     | 17     | 1.467     | -0.036    | 4.101 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 55.5 | 154        | 155        | 0          | 31     | 32     |
| 2009 | 6     | 7   | 15   | 57     | 17     | 1.47      | -0.039    | 4.101 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 55.9 | 153        | 155        | 0          | 30     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 7   | 16   | 7      | 17     | 1.463     | -0.043    | 4.101 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 57.6 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 16   | 17     | 17     | 1.437     | -0.062    | 4.101 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 57.6 | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 16   | 27     | 17     | 1.49      | -0.023    | 4.101 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 55   | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 16   | 37     | 17     | 1.47      | -0.023    | 4.101 | 0.016     | 0.013     | 0         | 52.9 | 53.8 | 56.8 | 153        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 16   | 47     | 17     | 1.45      | -0.01     | 4.101 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 56.3 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 16   | 57     | 17     | 1.47      | 0.007     | 4.101 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 56.8 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 17   | 7      | 17     | 1.434     | -0.052    | 4.101 | 0.016     | 0.013     | 0         | 52   | 52.5 | 55.9 | 152        | 154        | 0          | 31     | 32     |
| 2009 | 6     | 7   | 17   | 17     | 17     | 1.434     | -0.036    | 4.101 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 54.2 | 153        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 17   | 27     | 17     | 1.407     | -0.039    | 4.101 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 57.2 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 17   | 37     | 17     | 1.45      | -0.049    | 4.101 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 55.5 | 153        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 17   | 47     | 17     | 1.444     | -0.023    | 4.101 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 57.6 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 17   | 57     | 17     | 1.473     | -0.01     | 4.101 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 55.5 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 18   | 7      | 17     | 1.453     | -0.007    | 4.101 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 55   | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 18   | 17     | 17     | 1.476     | -0.003    | 4.098 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 56.3 | 153        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 18   | 27     | 17     | 1.457     | -0.03     | 4.098 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 55.5 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 18   | 37     | 17     | 1.467     | -0.03     | 4.098 | 0.016     | 0.013     | 0         | 52.9 | 53.8 | 55   | 153        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 18   | 47     | 17     | 1.473     | -0.049    | 4.098 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 55   | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 18   | 57     | 17     | 1.45      | 0.003     | 4.098 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 55.5 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 19   | 7      | 17     | 1.46      | -0.023    | 4.098 | 0.016     | 0.013     | 0         | 52.5 | 53.3 | 54.6 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 19   | 17     | 17     | 1.45      | -0.049    | 4.098 | 0.016     | 0.016     | 0         | 52.5 | 53.3 | 55   | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 19   | 27     | 17     | 1.467     | -0.023    | 4.098 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 55   | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 19   | 37     | 17     | 1.43      | -0.023    | 4.098 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 57.6 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 19   | 47     | 17     | 1.45      | -0.02     | 4.098 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 54.2 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 19   | 57     | 17     | 1.463     | -0.036    | 4.098 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 56.3 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 20   | 7      | 17     | 1.447     | -0.036    | 4.098 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 55.5 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 20   | 17     | 17     | 1.457     | -0.039    | 4.098 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 56.8 | 154        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 20   | 27     | 17     | 1.453     | -0.003    | 4.098 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 56.3 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 20   | 37     | 17     | 1.46      | -0.023    | 4.098 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 56.3 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 20   | 47     | 17     | 1.437     | -0.033    | 4.098 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 58   | 154        | 155        | 0          | 31     | 32     |
| 2009 | 6     | 7   | 20   | 57     | 17     | 1.453     | -0.03     | 4.098 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 56.8 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 21   | 7      | 17     | 1.457     | -0.049    | 4.098 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 57.2 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 21   | 17     | 17     | 1.45      | -0.023    | 4.098 | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 56.3 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 21   | 27     | 17     | 1.434     | -0.036    | 4.098 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 56.3 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 21   | 37     | 17     | 1.424     | -0.023    | 4.098 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 56.8 | 154        | 156        | 0          | 30     | 32     |
| 2009 | 6     | 7   | 21   | 47     | 17     | 1.45      | -0.039    | 4.098 | 0.016     | 0.016     | 0         | 53.3 | 54.2 | 56.8 | 154        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 21   | 57     | 17     | 1.437     | -0.023    | 4.098 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 56.3 | 154        | 156        | 0          | 31     | 32     |
| 2009 | 6     | 7   | 22   | 7      | 17     | 1.437     | -0.023    | 4.098 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 55.9 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 22   | 17     | 17     | 1.48      | -0.033    | 4.098 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 56.8 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 22   | 27     | 17     | 1.457     | -0.043    | 4.094 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 57.6 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 22   | 37     | 17     | 1.421     | -0.007    | 4.094 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 56.8 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 22   | 47     | 17     | 1.444     | -0.043    | 4.094 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 56.8 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 22   | 57     | 17     | 1.394     | -0.069    | 4.098 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 55.9 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 7   | 23   | 7      | 17     | 1.43      | -0.036    | 4.098 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 55.5 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 23   | 17     | 17     | 1.46      | -0.013    | 4.098 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 57.2 | 154        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 23   | 27     | 17     | 1.447     | -0.036    | 4.094 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 58.9 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 23   | 37     | 17     | 1.434     | -0.102    | 4.098 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 58   | 154        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 7   | 23   | 47     | 17     | 1.453     | -0.095    | 4.094 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 58   | 154        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 7   | 23   | 57     | 17     | 1.45      | -0.049    | 4.094 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 55.9 | 154        | 156        | 0          | 30     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 8   | 0    | 7      | 17     | 1.453     | -0.049    | 4.098 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 58   | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 0    | 17     | 17     | 1.46      | -0.072    | 4.098 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 56.3 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 0    | 27     | 17     | 1.434     | -0.046    | 4.098 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 58   | 154        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 0    | 37     | 17     | 1.453     | -0.059    | 4.098 | 0.016     | 0.013     | 0         | 52.5 | 52.9 | 58   | 153        | 155        | 0          | 31     | 32     |
| 2009 | 6     | 8   | 0    | 47     | 17     | 1.44      | -0.043    | 4.094 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 56.8 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 0    | 57     | 17     | 1.453     | -0.049    | 4.094 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 57.2 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 1    | 7      | 17     | 1.43      | -0.039    | 4.094 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 56.8 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 1    | 17     | 17     | 1.47      | -0.03     | 4.094 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 57.2 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 1    | 27     | 17     | 1.437     | -0.069    | 4.094 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 56.3 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 1    | 37     | 17     | 1.457     | -0.026    | 4.094 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 57.6 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 1    | 47     | 17     | 1.45      | -0.049    | 4.094 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 56.3 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 1    | 57     | 17     | 1.453     | -0.056    | 4.094 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 56.3 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 2    | 7      | 17     | 1.437     | -0.033    | 4.094 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 57.6 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 2    | 17     | 17     | 1.44      | -0.052    | 4.091 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 58.5 | 154        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 2    | 27     | 17     | 1.437     | -0.056    | 4.091 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 58.9 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 2    | 37     | 17     | 1.473     | -0.052    | 4.091 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 56.3 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 2    | 47     | 17     | 1.421     | -0.059    | 4.091 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 58.5 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 2    | 57     | 17     | 1.414     | -0.03     | 4.091 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 58   | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 3    | 7      | 17     | 1.414     | -0.052    | 4.091 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 57.6 | 154        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 3    | 17     | 17     | 1.424     | -0.052    | 4.091 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 57.6 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 3    | 27     | 17     | 1.457     | -0.072    | 4.091 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 56.8 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 3    | 37     | 17     | 1.457     | -0.062    | 4.091 | 0.016     | 0.013     | 0         | 52.9 | 53.3 | 56.3 | 154        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 3    | 47     | 17     | 1.486     | -0.036    | 4.088 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 57.2 | 153        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 3    | 57     | 17     | 1.434     | -0.052    | 4.088 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 56.8 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 4    | 7      | 17     | 1.437     | -0.049    | 4.088 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 58   | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 4    | 17     | 17     | 1.427     | -0.066    | 4.088 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 57.6 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 4    | 27     | 17     | 1.43      | -0.079    | 4.088 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 57.2 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 4    | 37     | 17     | 1.43      | -0.023    | 4.088 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 57.2 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 4    | 47     | 17     | 1.473     | -0.046    | 4.088 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 58.5 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 4    | 57     | 17     | 1.437     | -0.046    | 4.088 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 55.5 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 5    | 7      | 17     | 1.427     | -0.013    | 4.088 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 56.8 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 5    | 17     | 17     | 1.463     | -0.039    | 4.088 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 57.2 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 5    | 27     | 17     | 1.444     | -0.046    | 4.088 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 57.6 | 154        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 5    | 37     | 17     | 1.43      | -0.023    | 4.088 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 55   | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 5    | 47     | 17     | 1.43      | -0.085    | 4.085 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 56.8 | 154        | 156        | 0          | 31     | 32     |
| 2009 | 6     | 8   | 5    | 57     | 17     | 1.444     | -0.023    | 4.088 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 56.8 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 6    | 7      | 17     | 1.496     | -0.033    | 4.085 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 55.5 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 6    | 17     | 17     | 1.496     | -0.052    | 4.085 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 55.9 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 6    | 27     | 17     | 1.453     | -0.016    | 4.085 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 56.8 | 155        | 157        | 0          | 31     | 32     |
| 2009 | 6     | 8   | 6    | 37     | 17     | 1.437     | -0.046    | 4.085 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 55.9 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 6    | 47     | 17     | 1.45      | -0.036    | 4.085 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 57.2 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 6    | 57     | 17     | 1.437     | -0.03     | 4.085 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 55.9 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 7    | 7      | 17     | 1.486     | -0.01     | 4.081 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 56.8 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 7    | 17     | 17     | 1.427     | -0.085    | 4.085 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 55.5 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 7    | 27     | 17     | 1.453     | -0.046    | 4.081 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 55.5 | 154        | 156        | 0          | 30     | 32     |
| 2009 | 6     | 8   | 7    | 37     | 17     | 1.45      | -0.052    | 4.081 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 54.6 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 7    | 47     | 17     | 1.398     | -0.052    | 4.081 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 56.8 | 154        | 156        | 0          | 30     | 32     |
| 2009 | 6     | 8   | 7    | 57     | 17     | 1.434     | -0.072    | 4.081 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 56.8 | 154        | 156        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 8   | 8    | 7      | 17     | 1.45      | -0.059    | 4.081 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 54.6 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 8    | 17     | 17     | 1.44      | -0.052    | 4.081 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 56.3 | 154        | 156        | 0          | 31     | 32     |
| 2009 | 6     | 8   | 8    | 27     | 17     | 1.447     | -0.046    | 4.078 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 55   | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 8    | 37     | 17     | 1.45      | -0.062    | 4.078 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 54.6 | 154        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 8    | 47     | 17     | 1.457     | -0.039    | 4.078 | 0.016     | 0.013     | 0         | 52.9 | 53.3 | 55   | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 8    | 57     | 17     | 1.45      | 0         | 4.078 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 55   | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 9    | 7      | 17     | 1.444     | -0.036    | 4.078 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 53.3 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 9    | 17     | 17     | 1.44      | -0.049    | 4.078 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 55.9 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 9    | 27     | 17     | 1.43      | -0.026    | 4.072 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 55   | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 9    | 37     | 17     | 1.457     | -0.026    | 4.072 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 54.6 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 9    | 47     | 17     | 1.44      | -0.043    | 4.068 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 55   | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 9    | 57     | 17     | 1.43      | -0.033    | 4.072 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 55   | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 10   | 7      | 17     | 1.421     | -0.02     | 4.072 | 0.016     | 0.013     | 0         | 52.5 | 52.9 | 54.6 | 153        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 10   | 17     | 17     | 1.424     | -0.069    | 4.072 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 55.5 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 10   | 27     | 17     | 1.46      | -0.003    | 4.068 | 0.013     | 0.01      | 0         | 52   | 52.9 | 54.2 | 152        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 10   | 37     | 17     | 1.417     | -0.046    | 4.068 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 55   | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 10   | 47     | 17     | 1.404     | -0.052    | 4.068 | 0.013     | 0.01      | 0         | 52   | 52.9 | 55   | 152        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 10   | 57     | 17     | 1.427     | -0.056    | 4.065 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 55   | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 11   | 7      | 17     | 1.434     | 0         | 4.065 | 0.013     | 0.01      | 0         | 52   | 52.9 | 54.2 | 152        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 11   | 17     | 17     | 1.437     | -0.046    | 4.065 | 0.013     | 0.01      | 0         | 52   | 52.9 | 56.3 | 152        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 11   | 27     | 17     | 1.467     | -0.033    | 4.065 | 0.01      | 0.007     | 0         | 52   | 52.5 | 55.5 | 152        | 154        | 0          | 31     | 32     |
| 2009 | 6     | 8   | 11   | 37     | 17     | 1.417     | -0.036    | 4.065 | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 55.9 | 152        | 153        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 11   | 47     | 17     | 1.447     | -0.043    | 4.065 | 0.013     | 0.01      | 0         | 52.5 | 52.5 | 56.3 | 152        | 153        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 11   | 57     | 17     | 1.457     | -0.023    | 4.065 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 55.5 | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 12   | 7      | 17     | 1.414     | -0.013    | 4.065 | 0.01      | 0.007     | 0         | 51.6 | 52   | 56.3 | 151        | 153        | 0          | 31     | 32     |
| 2009 | 6     | 8   | 12   | 17     | 17     | 1.463     | -0.023    | 4.065 | 0.016     | 0.016     | 0         | 52   | 52.5 | 55.9 | 151        | 153        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 12   | 27     | 17     | 1.434     | -0.049    | 4.065 | 0.01      | 0.007     | 0         | 52   | 52.5 | 56.3 | 151        | 153        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 12   | 37     | 17     | 1.453     | -0.016    | 4.062 | 0.013     | 0.01      | 0         | 52   | 52   | 56.3 | 151        | 153        | 0          | 30     | 32     |
| 2009 | 6     | 8   | 12   | 47     | 17     | 1.44      | -0.039    | 4.062 | 0.013     | 0.01      | 0         | 52   | 52.5 | 56.8 | 152        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 12   | 57     | 17     | 1.45      | 0.003     | 4.062 | 0.016     | 0.016     | 0         | 52.5 | 52.5 | 54.6 | 152        | 153        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 13   | 7      | 17     | 1.404     | -0.003    | 4.062 | 0.013     | 0.01      | 0         | 52   | 52.5 | 56.8 | 152        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 13   | 17     | 17     | 1.421     | -0.049    | 4.062 | 0.016     | 0.013     | 0         | 52.5 | 52.5 | 57.6 | 152        | 153        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 13   | 27     | 17     | 1.421     | -0.039    | 4.062 | 0.01      | 0.007     | 0         | 52.5 | 52   | 57.6 | 152        | 153        | 0          | 30     | 32     |
| 2009 | 6     | 8   | 13   | 37     | 17     | 1.417     | -0.043    | 4.062 | 0.013     | 0.01      | 0         | 52   | 52.5 | 56.3 | 151        | 153        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 13   | 47     | 17     | 1.46      | -0.023    | 4.062 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 56.3 | 152        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 13   | 57     | 17     | 1.424     | -0.023    | 4.062 | 0.016     | 0.013     | 0         | 52   | 52.5 | 55.5 | 151        | 153        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 14   | 7      | 17     | 1.417     | -0.016    | 4.062 | 0.013     | 0.01      | 0         | 52.5 | 52.5 | 55.5 | 152        | 153        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 14   | 17     | 17     | 1.45      | -0.049    | 4.062 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 55.9 | 152        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 14   | 27     | 17     | 1.444     | -0.01     | 4.058 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 55   | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 14   | 37     | 17     | 1.404     | -0.072    | 4.058 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 52.9 | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 14   | 47     | 17     | 1.434     | -0.026    | 4.058 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 52.9 | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 14   | 57     | 17     | 1.404     | -0.036    | 4.058 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 55   | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 15   | 7      | 17     | 1.427     | -0.023    | 4.055 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 52   | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 15   | 17     | 17     | 1.391     | -0.043    | 4.055 | 0.016     | 0.013     | 0         | 52.5 | 52.9 | 52.5 | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 15   | 27     | 17     | 1.434     | -0.007    | 4.055 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 54.2 | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 15   | 37     | 17     | 1.417     | -0.036    | 4.052 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 53.8 | 152        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 15   | 47     | 17     | 1.401     | 0         | 4.052 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 53.8 | 152        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 15   | 57     | 17     | 1.46      | -0.01     | 4.052 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 55   | 152        | 153        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 8   | 16   | 7      | 17     | 1.447     | -0.003    | 4.049 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 52.5 | 152        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 16   | 17     | 17     | 1.44      | -0.049    | 4.049 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 52.5 | 153        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 16   | 27     | 17     | 1.417     | -0.059    | 4.045 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 50.7 | 152        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 16   | 37     | 17     | 1.417     | -0.043    | 4.042 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 53.8 | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 16   | 47     | 17     | 1.434     | -0.016    | 4.042 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 52.5 | 153        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 16   | 57     | 17     | 1.385     | -0.062    | 4.042 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 52   | 153        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 17   | 7      | 17     | 1.417     | -0.01     | 4.042 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 52.5 | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 17   | 17     | 17     | 1.381     | -0.043    | 4.039 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 52   | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 17   | 27     | 17     | 1.43      | -0.013    | 4.039 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 52.9 | 153        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 17   | 37     | 17     | 1.43      | 0         | 4.039 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 52   | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 17   | 47     | 17     | 1.417     | -0.023    | 4.039 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 51.6 | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 17   | 57     | 17     | 1.427     | -0.033    | 4.035 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 55.5 | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 18   | 7      | 17     | 1.43      | -0.036    | 4.035 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 53.3 | 153        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 18   | 17     | 17     | 1.421     | -0.03     | 4.032 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 54.2 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 18   | 27     | 17     | 1.411     | -0.023    | 4.032 | 0.013     | 0.01      | 0         | 52   | 52.9 | 52.9 | 152        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 18   | 37     | 17     | 1.407     | -0.043    | 4.032 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 53.8 | 153        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 18   | 47     | 17     | 1.414     | 0         | 4.032 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 52   | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 18   | 57     | 17     | 1.411     | 0.003     | 4.032 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 53.8 | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 19   | 7      | 17     | 1.427     | -0.03     | 4.032 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 54.6 | 153        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 19   | 17     | 17     | 1.444     | -0.026    | 4.032 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 55   | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 19   | 27     | 17     | 1.43      | -0.003    | 4.029 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 53.8 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 19   | 37     | 17     | 1.401     | -0.059    | 4.029 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 51.6 | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 19   | 47     | 17     | 1.437     | -0.013    | 4.029 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 53.3 | 153        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 19   | 57     | 17     | 1.421     | -0.023    | 4.029 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 53.8 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 20   | 7      | 17     | 1.414     | -0.003    | 4.026 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 57.2 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 20   | 17     | 17     | 1.404     | -0.01     | 4.026 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 56.8 | 153        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 20   | 27     | 17     | 1.411     | -0.02     | 4.026 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 56.8 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 20   | 37     | 17     | 1.398     | -0.075    | 4.026 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 57.2 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 20   | 47     | 17     | 1.388     | -0.039    | 4.026 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 57.2 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 20   | 57     | 17     | 1.391     | -0.075    | 4.026 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 58   | 153        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 21   | 7      | 17     | 1.411     | -0.033    | 4.022 | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 58   | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 21   | 17     | 17     | 1.398     | -0.049    | 4.022 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 57.6 | 154        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 21   | 27     | 17     | 1.394     | -0.039    | 4.022 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 58.9 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 21   | 37     | 17     | 1.404     | -0.039    | 4.022 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 58.5 | 153        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 21   | 47     | 17     | 1.401     | -0.062    | 4.022 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 60.2 | 153        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 21   | 57     | 17     | 1.404     | -0.062    | 4.022 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 58   | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 22   | 7      | 17     | 1.407     | -0.033    | 4.022 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 58.9 | 153        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 22   | 17     | 17     | 1.417     | -0.069    | 4.022 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 58.5 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 22   | 27     | 17     | 1.407     | -0.062    | 4.022 | 0.016     | 0.013     | 0         | 52.9 | 53.8 | 58   | 153        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 22   | 37     | 17     | 1.388     | -0.056    | 4.022 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 58   | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 22   | 47     | 17     | 1.444     | -0.069    | 4.022 | 0.016     | 0.013     | 0         | 52   | 53.3 | 58.5 | 152        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 22   | 57     | 17     | 1.404     | -0.089    | 4.019 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 57.6 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 23   | 7      | 17     | 1.407     | -0.079    | 4.019 | 0.013     | 0.01      | 0         | 52   | 52.9 | 58.9 | 152        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 23   | 17     | 17     | 1.335     | -0.079    | 4.019 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 58   | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 8   | 23   | 27     | 17     | 1.388     | -0.082    | 4.019 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 57.6 | 153        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 23   | 37     | 17     | 1.394     | -0.056    | 4.016 | 0.01      | 0.007     | 0         | 52   | 53.3 | 55   | 152        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 8   | 23   | 47     | 17     | 1.391     | -0.049    | 4.016 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 57.6 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 8   | 23   | 57     | 17     | 1.404     | -0.03     | 4.016 | 0.01      | 0.007     | 0         | 52   | 52.9 | 56.3 | 152        | 154        | 0          | 31     | 31     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 9   | 0    | 7      | 17     | 1.411     | -0.023    | 4.016 | 0.013     | 0.01      | 0         | 52   | 52.9 | 57.2 | 152        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 0    | 17     | 17     | 1.43      | -0.049    | 4.012 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 55.9 | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 0    | 27     | 17     | 1.398     | -0.003    | 4.012 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 55.9 | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 0    | 37     | 17     | 1.411     | -0.036    | 4.012 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 56.3 | 153        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 0    | 47     | 17     | 1.391     | -0.049    | 4.009 | 0.016     | 0.013     | 0         | 52.5 | 52.9 | 56.3 | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 0    | 57     | 17     | 1.407     | -0.016    | 4.006 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 55   | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 1    | 7      | 17     | 1.404     | -0.03     | 4.006 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 55.5 | 153        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 1    | 17     | 17     | 1.407     | -0.036    | 4.003 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 54.2 | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 1    | 27     | 17     | 1.381     | -0.026    | 4.003 | 0.016     | 0.013     | 0         | 52.5 | 52.5 | 55   | 153        | 154        | 0          | 31     | 32     |
| 2009 | 6     | 9   | 1    | 37     | 17     | 1.371     | -0.075    | 3.999 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 55   | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 1    | 47     | 17     | 1.385     | -0.036    | 3.999 | 0.01      | 0.007     | 0         | 52   | 52.9 | 54.6 | 152        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 1    | 57     | 17     | 1.404     | -0.056    | 3.996 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 56.8 | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 2    | 7      | 17     | 1.434     | -0.036    | 3.996 | 0.016     | 0.013     | 0         | 52.5 | 53.8 | 55.9 | 153        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 2    | 17     | 17     | 1.378     | -0.036    | 3.996 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 55.5 | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 2    | 27     | 17     | 1.368     | -0.056    | 3.993 | 0.013     | 0.01      | 0         | 52   | 52.9 | 56.3 | 152        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 2    | 37     | 17     | 1.424     | -0.075    | 3.993 | 0.016     | 0.013     | 0         | 52   | 52.9 | 56.8 | 152        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 2    | 47     | 17     | 1.391     | -0.089    | 3.993 | 0.016     | 0.013     | 0         | 52   | 52.9 | 56.8 | 152        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 2    | 57     | 17     | 1.398     | -0.075    | 3.993 | 0.01      | 0.007     | 0         | 52   | 52.9 | 56.3 | 152        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 3    | 7      | 17     | 1.365     | -0.043    | 3.99  | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 56.3 | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 3    | 17     | 17     | 1.427     | -0.043    | 3.99  | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 57.2 | 153        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 3    | 27     | 17     | 1.391     | -0.036    | 3.99  | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 57.6 | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 3    | 37     | 17     | 1.411     | -0.036    | 3.99  | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 57.2 | 153        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 3    | 47     | 17     | 1.401     | -0.069    | 3.986 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 57.2 | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 3    | 57     | 17     | 1.378     | -0.036    | 3.99  | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 57.2 | 153        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 4    | 7      | 17     | 1.391     | -0.056    | 3.986 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 56.8 | 153        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 4    | 17     | 17     | 1.394     | -0.043    | 3.986 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 56.8 | 153        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 4    | 27     | 17     | 1.378     | -0.02     | 3.986 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 57.2 | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 4    | 37     | 17     | 1.401     | -0.075    | 3.986 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 56.3 | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 4    | 47     | 17     | 1.362     | -0.079    | 3.986 | 0.016     | 0.013     | 0         | 52.9 | 52.9 | 58   | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 4    | 57     | 17     | 1.352     | -0.059    | 3.986 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 57.6 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 5    | 7      | 17     | 1.378     | -0.036    | 3.983 | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 57.2 | 153        | 154        | 0          | 31     | 32     |
| 2009 | 6     | 9   | 5    | 17     | 17     | 1.378     | -0.069    | 3.983 | 0.01      | 0.007     | 0         | 52   | 52.9 | 56.8 | 152        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 5    | 27     | 17     | 1.401     | -0.043    | 3.983 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 55.9 | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 5    | 37     | 17     | 1.411     | -0.036    | 3.983 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 56.8 | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 5    | 47     | 17     | 1.407     | -0.049    | 3.983 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 56.3 | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 5    | 57     | 17     | 1.388     | -0.026    | 3.983 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 58.5 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 6    | 7      | 17     | 1.381     | -0.03     | 3.983 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 58.5 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 6    | 17     | 17     | 1.385     | -0.049    | 3.98  | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 57.2 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 6    | 27     | 17     | 1.385     | -0.062    | 3.98  | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 57.2 | 153        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 6    | 37     | 17     | 1.404     | -0.069    | 3.98  | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 58   | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 6    | 47     | 17     | 1.421     | -0.016    | 3.98  | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 56.3 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 6    | 57     | 17     | 1.414     | -0.026    | 3.98  | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 58.5 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 7    | 7      | 17     | 1.394     | -0.089    | 3.98  | 0.016     | 0.013     | 0         | 52.5 | 53.3 | 58.5 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 7    | 17     | 17     | 1.355     | -0.072    | 3.98  | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 58.9 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 7    | 27     | 17     | 1.378     | -0.049    | 3.98  | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 58.5 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 7    | 37     | 17     | 1.348     | -0.056    | 3.976 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 58.9 | 153        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 7    | 47     | 17     | 1.385     | -0.039    | 3.976 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 59.8 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 7    | 57     | 17     | 1.362     | -0.043    | 3.976 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 58.9 | 153        | 155        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 9   | 8    | 7      | 17     | 1.385     | -0.056    | 3.976 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 58.9 | 153        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 8    | 17     | 17     | 1.355     | -0.089    | 3.976 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 58.5 | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 8    | 27     | 17     | 1.385     | -0.062    | 3.976 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 58.9 | 153        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 8    | 37     | 17     | 1.421     | -0.059    | 3.976 | 0.013     | 0.01      | 0         | 52   | 52.9 | 58.9 | 152        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 8    | 47     | 17     | 1.407     | -0.102    | 3.976 | 0.01      | 0.007     | 0         | 52   | 53.8 | 58   | 152        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 8    | 57     | 17     | 1.371     | -0.115    | 3.973 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 58.9 | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 9    | 7      | 17     | 1.388     | -0.046    | 3.973 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 59.3 | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 9    | 17     | 17     | 1.385     | -0.026    | 3.973 | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 57.6 | 152        | 154        | 0          | 30     | 32     |
| 2009 | 6     | 9   | 9    | 27     | 17     | 1.388     | -0.036    | 3.973 | 0.01      | 0.007     | 0         | 52   | 53.3 | 56.3 | 153        | 155        | 0          | 32     | 31     |
| 2009 | 6     | 9   | 9    | 37     | 17     | 1.381     | -0.02     | 3.97  | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 55.5 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 9    | 47     | 17     | 1.371     | -0.013    | 3.97  | 0.01      | 0.007     | 0         | 52   | 53.3 | 57.2 | 152        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 9    | 57     | 17     | 1.368     | -0.033    | 3.97  | 0.013     | 0.01      | 0         | 52   | 52.9 | 55.9 | 152        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 10   | 7      | 17     | 1.414     | -0.049    | 3.97  | 0.013     | 0.01      | 0         | 52.9 | 52.5 | 54.2 | 153        | 154        | 0          | 30     | 32     |
| 2009 | 6     | 9   | 10   | 17     | 17     | 1.407     | -0.01     | 3.967 | 0.013     | 0.01      | 0         | 52   | 52.9 | 55   | 152        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 10   | 27     | 17     | 1.368     | -0.043    | 3.967 | 0.013     | 0.01      | 0         | 51.6 | 52.5 | 55.9 | 152        | 153        | 0          | 32     | 31     |
| 2009 | 6     | 9   | 10   | 37     | 17     | 1.368     | -0.033    | 3.963 | 0.013     | 0.01      | 0         | 52   | 52.9 | 55.5 | 152        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 10   | 47     | 17     | 1.371     | -0.03     | 3.96  | 0.013     | 0.01      | 0         | 52   | 53.3 | 55   | 152        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 10   | 57     | 17     | 1.368     | -0.049    | 3.957 | 0.013     | 0.01      | 0         | 52   | 52.5 | 55.9 | 151        | 153        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 11   | 7      | 17     | 1.342     | -0.066    | 3.957 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 55.9 | 152        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 11   | 17     | 17     | 1.391     | -0.026    | 3.953 | 0.013     | 0.01      | 0         | 52   | 52.9 | 55.5 | 152        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 11   | 27     | 17     | 1.385     | -0.043    | 3.953 | 0.016     | 0.013     | 0         | 52   | 52.5 | 56.3 | 151        | 153        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 11   | 37     | 17     | 1.375     | -0.023    | 3.953 | 0.01      | 0.007     | 0         | 52   | 52   | 56.3 | 151        | 152        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 11   | 47     | 17     | 1.385     | -0.003    | 3.953 | 0.01      | 0.007     | 0         | 52   | 52.5 | 57.6 | 151        | 153        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 11   | 57     | 17     | 1.368     | -0.062    | 3.953 | 0.013     | 0.01      | 0         | 51.6 | 52.5 | 57.6 | 151        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 12   | 7      | 17     | 1.398     | -0.023    | 3.95  | 0.01      | 0.007     | 0         | 52.5 | 52.5 | 57.2 | 152        | 153        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 12   | 17     | 17     | 1.332     | -0.039    | 3.95  | 0.013     | 0.01      | 0         | 52   | 52.9 | 57.6 | 151        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 12   | 27     | 17     | 1.378     | -0.013    | 3.95  | 0.013     | 0.01      | 0         | 52   | 52.5 | 58.5 | 151        | 153        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 12   | 37     | 17     | 1.378     | -0.052    | 3.95  | 0.01      | 0.007     | 0         | 51.6 | 52.9 | 58.5 | 151        | 153        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 12   | 47     | 17     | 1.404     | -0.036    | 3.95  | 0.016     | 0.013     | 0         | 52   | 52.9 | 58   | 151        | 153        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 12   | 57     | 17     | 1.355     | 0.01      | 3.95  | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 51.6 | 152        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 13   | 7      | 17     | 1.375     | -0.003    | 3.947 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 49   | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 13   | 17     | 17     | 1.388     | -0.043    | 3.947 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 53.3 | 154        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 13   | 27     | 17     | 1.371     | 0         | 3.947 | 0.016     | 0.016     | 0         | 53.3 | 53.3 | 53.8 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 13   | 37     | 17     | 1.394     | -0.01     | 3.947 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 55   | 154        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 13   | 47     | 17     | 1.332     | -0.003    | 3.944 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 52.9 | 153        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 13   | 57     | 17     | 1.394     | -0.023    | 3.944 | 0.016     | 0.013     | 0         | 52.9 | 53.3 | 55   | 153        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 14   | 7      | 17     | 1.358     | 0.003     | 3.944 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 53.8 | 153        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 14   | 17     | 17     | 1.355     | -0.01     | 3.944 | 0.016     | 0.013     | 0         | 52.5 | 52.9 | 55   | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 14   | 27     | 17     | 1.332     | -0.02     | 3.94  | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 54.2 | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 14   | 37     | 17     | 1.332     | -0.003    | 3.94  | 0.01      | 0.007     | 0         | 52   | 52.9 | 54.6 | 152        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 14   | 47     | 17     | 1.368     | -0.003    | 3.937 | 0.013     | 0.01      | 0         | 52   | 52.5 | 54.6 | 152        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 14   | 57     | 17     | 1.355     | -0.043    | 3.937 | 0.02      | 0.016     | 0         | 52.5 | 53.3 | 53.8 | 152        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 15   | 7      | 17     | 1.319     | -0.026    | 3.93  | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 53.8 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 15   | 17     | 17     | 1.358     | -0.023    | 3.93  | 0.016     | 0.013     | 0         | 52.5 | 52.9 | 53.8 | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 15   | 27     | 17     | 1.316     | -0.026    | 3.927 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 55.5 | 152        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 15   | 37     | 17     | 1.329     | -0.033    | 3.927 | 0.01      | 0.007     | 0         | 52   | 53.3 | 54.6 | 152        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 15   | 47     | 17     | 1.358     | -0.016    | 3.924 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 54.6 | 152        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 15   | 57     | 17     | 1.358     | 0         | 3.924 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 54.2 | 152        | 154        | 0          | 30     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 9   | 16   | 7      | 17     | 1.358     | -0.062    | 3.924 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 55   | 152        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 16   | 17     | 17     | 1.342     | -0.023    | 3.921 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 55.5 | 152        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 16   | 27     | 17     | 1.362     | -0.026    | 3.921 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 55   | 152        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 16   | 37     | 17     | 1.319     | -0.016    | 3.921 | 0.016     | 0.013     | 0         | 52   | 52.9 | 56.8 | 152        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 16   | 47     | 17     | 1.342     | -0.039    | 3.917 | 0.013     | 0.01      | 0         | 52   | 53.3 | 55.9 | 152        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 16   | 57     | 17     | 1.368     | -0.036    | 3.917 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 57.2 | 152        | 154        | 0          | 29     | 31     |
| 2009 | 6     | 9   | 17   | 7      | 17     | 1.365     | -0.01     | 3.917 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 57.6 | 152        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 17   | 17     | 17     | 1.335     | 0         | 3.914 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 56.3 | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 17   | 27     | 17     | 1.342     | 0.003     | 3.917 | 0.016     | 0.013     | 0         | 52   | 52.9 | 57.6 | 152        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 17   | 37     | 17     | 1.345     | -0.059    | 3.914 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 58   | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 17   | 47     | 17     | 1.329     | 0         | 3.914 | 0.01      | 0.007     | 0         | 52   | 52.9 | 58   | 152        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 17   | 57     | 17     | 1.348     | -0.03     | 3.914 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 57.2 | 153        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 18   | 7      | 17     | 1.352     | -0.013    | 3.911 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 55.9 | 152        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 18   | 17     | 17     | 1.355     | -0.007    | 3.911 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 58   | 153        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 18   | 27     | 17     | 1.339     | 0         | 3.911 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 57.6 | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 18   | 37     | 17     | 1.365     | -0.007    | 3.911 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 58   | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 18   | 47     | 17     | 1.352     | -0.003    | 3.911 | 0.013     | 0.01      | 0         | 52   | 52.9 | 59.3 | 152        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 18   | 57     | 17     | 1.352     | -0.049    | 3.911 | 0.013     | 0.01      | 0         | 52   | 52.9 | 59.8 | 152        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 19   | 7      | 17     | 1.332     | -0.082    | 3.907 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 59.3 | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 19   | 17     | 17     | 1.339     | -0.003    | 3.907 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 58   | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 19   | 27     | 17     | 1.375     | 0         | 3.907 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 58.9 | 153        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 19   | 37     | 17     | 1.365     | -0.039    | 3.904 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 57.6 | 153        | 155        | 0          | 29     | 30     |
| 2009 | 6     | 9   | 19   | 47     | 17     | 1.339     | -0.013    | 3.904 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 57.6 | 153        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 19   | 57     | 17     | 1.322     | -0.013    | 3.904 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 58   | 153        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 20   | 7      | 17     | 1.342     | -0.046    | 3.904 | 0.016     | 0.013     | 0         | 52.9 | 53.3 | 58.5 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 20   | 17     | 17     | 1.371     | -0.069    | 3.904 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 56.8 | 154        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 20   | 27     | 17     | 1.329     | -0.052    | 3.901 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 57.6 | 154        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 20   | 37     | 17     | 1.325     | -0.066    | 3.901 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 56.3 | 154        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 20   | 47     | 17     | 1.335     | -0.062    | 3.901 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 57.6 | 154        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 20   | 57     | 17     | 1.362     | -0.069    | 3.898 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 55.9 | 154        | 156        | 0          | 30     | 32     |
| 2009 | 6     | 9   | 21   | 7      | 17     | 1.362     | -0.052    | 3.894 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 55.9 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 21   | 17     | 17     | 1.329     | -0.033    | 3.894 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 55.5 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 21   | 27     | 17     | 1.345     | -0.036    | 3.891 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 56.3 | 154        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 21   | 37     | 17     | 1.316     | -0.023    | 3.888 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 55.9 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 21   | 47     | 17     | 1.322     | -0.056    | 3.885 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 55.9 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 21   | 57     | 17     | 1.322     | -0.085    | 3.885 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 53.8 | 154        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 9   | 22   | 7      | 17     | 1.325     | -0.026    | 3.885 | 0.016     | 0.016     | 0         | 53.3 | 54.2 | 56.3 | 154        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 9   | 22   | 17     | 17     | 1.329     | -0.026    | 3.881 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 55.9 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 22   | 27     | 17     | 1.319     | -0.049    | 3.881 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 56.8 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 22   | 37     | 17     | 1.358     | -0.03     | 3.878 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 56.3 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 22   | 47     | 17     | 1.332     | -0.056    | 3.878 | 0.01      | 0.007     | 0         | 52.9 | 54.6 | 57.2 | 154        | 156        | 0          | 31     | 29     |
| 2009 | 6     | 9   | 22   | 57     | 17     | 1.348     | -0.052    | 3.878 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 56.8 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 23   | 7      | 17     | 1.339     | -0.023    | 3.878 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 57.2 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 23   | 17     | 17     | 1.293     | -0.013    | 3.875 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 55.9 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 23   | 27     | 17     | 1.312     | -0.033    | 3.875 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 57.6 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 23   | 37     | 17     | 1.342     | -0.03     | 3.875 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 57.6 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 9   | 23   | 47     | 17     | 1.316     | -0.056    | 3.875 | 0.016     | 0.013     | 0         | 53.3 | 53.3 | 58.5 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 9   | 23   | 57     | 17     | 1.332     | -0.03     | 3.875 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 57.2 | 154        | 156        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 10  | 0    | 7      | 17     | 1.348     | -0.039    | 3.875 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 58.9 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 0    | 17     | 17     | 1.335     | -0.039    | 3.875 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 57.6 | 155        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 0    | 27     | 17     | 1.309     | -0.072    | 3.871 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 58.5 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 0    | 37     | 17     | 1.339     | -0.043    | 3.871 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 57.2 | 155        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 0    | 47     | 17     | 1.335     | -0.043    | 3.871 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 58   | 153        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 0    | 57     | 17     | 1.312     | -0.043    | 3.871 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 58.5 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 1    | 7      | 17     | 1.299     | -0.056    | 3.871 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 58   | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 1    | 17     | 17     | 1.322     | -0.049    | 3.871 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 58   | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 1    | 27     | 17     | 1.319     | -0.039    | 3.868 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 58.9 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 1    | 37     | 17     | 1.332     | -0.059    | 3.868 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 59.8 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 1    | 47     | 17     | 1.335     | -0.039    | 3.868 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 58   | 154        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 1    | 57     | 17     | 1.322     | -0.026    | 3.868 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 58   | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 2    | 7      | 17     | 1.306     | -0.043    | 3.868 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 58   | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 2    | 17     | 17     | 1.332     | -0.036    | 3.868 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 58   | 154        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 2    | 27     | 17     | 1.306     | -0.052    | 3.865 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 59.3 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 2    | 37     | 17     | 1.322     | -0.052    | 3.865 | 0.016     | 0.013     | 0         | 52.5 | 53.3 | 58.5 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 2    | 47     | 17     | 1.368     | -0.036    | 3.865 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 59.3 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 2    | 57     | 17     | 1.342     | -0.046    | 3.865 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 58.9 | 154        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 3    | 7      | 17     | 1.355     | 0.013     | 3.865 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 59.3 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 3    | 17     | 17     | 1.316     | -0.033    | 3.862 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 58.5 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 3    | 27     | 17     | 1.319     | -0.013    | 3.862 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 59.3 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 3    | 37     | 17     | 1.296     | -0.075    | 3.862 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 58.9 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 3    | 47     | 17     | 1.332     | 0         | 3.862 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 58.5 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 3    | 57     | 17     | 1.296     | -0.043    | 3.862 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 58.5 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 4    | 7      | 17     | 1.339     | -0.062    | 3.862 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 57.6 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 4    | 17     | 17     | 1.296     | -0.052    | 3.858 | 0.016     | 0.013     | 0         | 52.9 | 53.3 | 59.3 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 4    | 27     | 17     | 1.316     | -0.075    | 3.858 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 58   | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 4    | 37     | 17     | 1.339     | -0.023    | 3.858 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 58   | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 4    | 47     | 17     | 1.316     | -0.056    | 3.858 | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 58   | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 4    | 57     | 17     | 1.286     | -0.092    | 3.858 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 58   | 155        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 5    | 7      | 17     | 1.293     | -0.066    | 3.855 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 56.8 | 154        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 5    | 17     | 17     | 1.316     | -0.049    | 3.855 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 58   | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 5    | 27     | 17     | 1.332     | -0.033    | 3.855 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 56.3 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 5    | 37     | 17     | 1.283     | -0.052    | 3.855 | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 58   | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 5    | 47     | 17     | 1.335     | -0.066    | 3.855 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 57.6 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 5    | 57     | 17     | 1.322     | -0.013    | 3.855 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 56.3 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 6    | 7      | 17     | 1.296     | -0.033    | 3.855 | 0.016     | 0.013     | 0         | 53.3 | 53.3 | 57.2 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 6    | 17     | 17     | 1.332     | -0.059    | 3.852 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 55.9 | 154        | 156        | 0          | 31     | 32     |
| 2009 | 6     | 10  | 6    | 27     | 17     | 1.306     | -0.079    | 3.852 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 57.6 | 155        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 6    | 37     | 17     | 1.312     | -0.039    | 3.852 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 55.9 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 6    | 47     | 17     | 1.316     | -0.052    | 3.848 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 55.9 | 155        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 6    | 57     | 17     | 1.335     | -0.079    | 3.848 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 55.9 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 7    | 7      | 17     | 1.345     | -0.062    | 3.845 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 56.3 | 155        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 7    | 17     | 17     | 1.335     | -0.062    | 3.848 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 55.9 | 155        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 7    | 27     | 17     | 1.28      | -0.069    | 3.845 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 56.3 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 7    | 37     | 17     | 1.322     | -0.052    | 3.842 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 58.5 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 7    | 47     | 17     | 1.296     | -0.033    | 3.839 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 56.3 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 7    | 57     | 17     | 1.296     | -0.01     | 3.835 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 56.3 | 154        | 156        | 0          | 31     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 10  | 8    | 7      | 17     | 1.348     | -0.023    | 3.835 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 55.9 | 154        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 8    | 17     | 17     | 1.289     | -0.043    | 3.835 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 55.5 | 154        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 8    | 27     | 17     | 1.312     | -0.066    | 3.835 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 57.6 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 8    | 37     | 17     | 1.335     | -0.026    | 3.832 | 0.01      | 0.007     | 0         | 53.3 | 52.9 | 56.8 | 154        | 155        | 0          | 30     | 32     |
| 2009 | 6     | 10  | 8    | 47     | 17     | 1.306     | -0.066    | 3.832 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 57.2 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 8    | 57     | 17     | 1.283     | -0.092    | 3.832 | 0.016     | 0.013     | 0         | 52.9 | 53.8 | 56.8 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 9    | 7      | 17     | 1.293     | -0.046    | 3.832 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 58.5 | 153        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 9    | 17     | 17     | 1.299     | -0.039    | 3.829 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 58   | 154        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 9    | 27     | 17     | 1.286     | -0.026    | 3.832 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 58   | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 9    | 37     | 17     | 1.316     | -0.066    | 3.829 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 59.3 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 9    | 47     | 17     | 1.312     | -0.062    | 3.829 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 58.5 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 9    | 57     | 17     | 1.309     | -0.026    | 3.829 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 58.9 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 10   | 7      | 17     | 1.293     | -0.052    | 3.829 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 59.8 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 10   | 17     | 17     | 1.312     | -0.039    | 3.829 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 59.8 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 10   | 27     | 17     | 1.263     | -0.026    | 3.829 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 60.2 | 153        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 10   | 37     | 17     | 1.319     | 0         | 3.829 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 58.5 | 153        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 10   | 47     | 17     | 1.289     | -0.023    | 3.829 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 59.3 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 10   | 57     | 17     | 1.299     | -0.036    | 3.825 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 60.2 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 11   | 7      | 17     | 1.329     | -0.026    | 3.825 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 59.8 | 153        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 11   | 17     | 17     | 1.276     | -0.079    | 3.825 | 0.016     | 0.013     | 0         | 52.5 | 52.9 | 61.1 | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 11   | 27     | 17     | 1.316     | -0.01     | 3.825 | 0.016     | 0.013     | 0         | 52.5 | 52.9 | 59.8 | 153        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 11   | 37     | 17     | 1.302     | -0.023    | 3.825 | 0.016     | 0.013     | 0         | 52   | 53.3 | 59.8 | 152        | 154        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 11   | 47     | 17     | 1.309     | -0.079    | 3.825 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 57.6 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 11   | 57     | 17     | 1.266     | -0.066    | 3.822 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 58.5 | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 12   | 7      | 17     | 1.299     | -0.023    | 3.822 | 0.013     | 0.01      | 0         | 52   | 52.9 | 56.8 | 152        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 12   | 17     | 17     | 1.283     | -0.03     | 3.822 | 0.01      | 0.007     | 0         | 52   | 52.9 | 56.8 | 152        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 12   | 27     | 17     | 1.299     | -0.036    | 3.822 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 55.5 | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 12   | 37     | 17     | 1.309     | -0.052    | 3.822 | 0.01      | 0.007     | 0         | 52   | 52.9 | 57.6 | 152        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 12   | 47     | 17     | 1.27      | -0.03     | 3.819 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 55   | 152        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 12   | 57     | 17     | 1.306     | 0         | 3.816 | 0.013     | 0.01      | 0         | 52   | 52.9 | 57.2 | 152        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 13   | 7      | 17     | 1.27      | -0.056    | 3.809 | 0.01      | 0.007     | 0         | 52   | 52.9 | 55.9 | 152        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 13   | 17     | 17     | 1.289     | -0.046    | 3.809 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 56.3 | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 13   | 27     | 17     | 1.289     | -0.036    | 3.806 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 56.3 | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 13   | 37     | 17     | 1.26      | -0.036    | 3.806 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 55.9 | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 13   | 47     | 17     | 1.316     | -0.052    | 3.806 | 0.016     | 0.016     | 0         | 52   | 52.5 | 55.9 | 152        | 153        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 13   | 55     | 45     | 1.296     | 0.013     | 3.802 | 0.016     | 0.013     | 0         | 52.5 | 52.5 | 52.9 | 152        | 153        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 14   | 5      | 45     | 1.325     | -0.026    | 3.802 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 52   | 152        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 14   | 15     | 45     | 1.296     | -0.039    | 3.802 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 52.5 | 153        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 14   | 25     | 45     | 1.289     | -0.033    | 3.799 | 0.013     | 0.01      | 0         | 52   | 52.9 | 55.5 | 152        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 14   | 35     | 45     | 1.299     | 0         | 3.799 | 0.016     | 0.013     | 0         | 52.5 | 53.3 | 54.6 | 152        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 14   | 45     | 45     | 1.283     | -0.016    | 3.799 | 0.016     | 0.013     | 0         | 52.9 | 53.3 | 58   | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 14   | 55     | 45     | 1.312     | -0.039    | 3.799 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 55.9 | 153        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 15   | 5      | 45     | 1.283     | -0.023    | 3.799 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 55.5 | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 15   | 15     | 45     | 1.299     | -0.023    | 3.799 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 58   | 153        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 15   | 25     | 45     | 1.283     | -0.039    | 3.796 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 58.9 | 153        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 15   | 35     | 45     | 1.296     | -0.013    | 3.796 | 0.016     | 0.013     | 0         | 52.5 | 52.9 | 58.9 | 152        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 15   | 45     | 45     | 1.26      | -0.013    | 3.796 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 56.3 | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 15   | 55     | 45     | 1.293     | 0         | 3.796 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 58.5 | 153        | 154        | 0          | 30     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 10  | 16   | 5      | 45     | 1.299     | -0.033    | 3.796 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 57.6 | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 16   | 15     | 45     | 1.289     | -0.013    | 3.796 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 56.8 | 153        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 16   | 25     | 45     | 1.306     | -0.03     | 3.793 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 56.8 | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 16   | 35     | 45     | 1.293     | -0.039    | 3.793 | 0.013     | 0.01      | 0         | 52.5 | 53.8 | 55.5 | 153        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 16   | 45     | 45     | 1.276     | -0.003    | 3.793 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 56.8 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 16   | 55     | 45     | 1.28      | -0.052    | 3.793 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 58   | 153        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 17   | 5      | 45     | 1.322     | 0         | 3.789 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 55.9 | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 17   | 15     | 45     | 1.306     | 0.01      | 3.789 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 57.6 | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 17   | 25     | 45     | 1.28      | -0.01     | 3.789 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 57.6 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 17   | 35     | 45     | 1.316     | -0.023    | 3.786 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 56.8 | 153        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 17   | 45     | 45     | 1.302     | -0.033    | 3.786 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 57.2 | 153        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 17   | 55     | 45     | 1.286     | -0.023    | 3.786 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 57.2 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 18   | 5      | 45     | 1.283     | -0.023    | 3.783 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 56.8 | 153        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 18   | 15     | 45     | 1.293     | -0.023    | 3.783 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 57.6 | 153        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 18   | 25     | 45     | 1.28      | -0.02     | 3.783 | 0.01      | 0.007     | 0         | 52.5 | 52.9 | 55.5 | 153        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 18   | 35     | 45     | 1.26      | -0.01     | 3.78  | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 56.3 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 18   | 45     | 45     | 1.27      | -0.013    | 3.78  | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 57.6 | 154        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 18   | 55     | 45     | 1.299     | -0.03     | 3.776 | 0.016     | 0.016     | 0         | 53.3 | 53.3 | 57.2 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 19   | 5      | 45     | 1.293     | -0.033    | 3.773 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 56.8 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 19   | 15     | 45     | 1.299     | -0.052    | 3.77  | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 56.3 | 154        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 19   | 25     | 45     | 1.27      | -0.036    | 3.766 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 57.6 | 154        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 19   | 35     | 45     | 1.28      | -0.02     | 3.766 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 56.8 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 19   | 45     | 45     | 1.306     | -0.02     | 3.766 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 56.8 | 154        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 19   | 55     | 45     | 1.309     | -0.043    | 3.766 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 56.3 | 154        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 20   | 5      | 45     | 1.257     | -0.069    | 3.763 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 57.2 | 154        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 20   | 15     | 45     | 1.266     | -0.033    | 3.763 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 57.2 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 20   | 25     | 45     | 1.299     | -0.046    | 3.763 | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 57.6 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 20   | 35     | 45     | 1.243     | -0.033    | 3.763 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 58   | 154        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 20   | 45     | 45     | 1.237     | -0.036    | 3.76  | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 57.6 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 20   | 55     | 45     | 1.253     | -0.056    | 3.76  | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 56.3 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 21   | 5      | 45     | 1.283     | -0.023    | 3.76  | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 58   | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 21   | 15     | 45     | 1.257     | -0.052    | 3.76  | 0.016     | 0.013     | 0         | 52.9 | 53.8 | 58.9 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 21   | 25     | 45     | 1.283     | -0.039    | 3.76  | 0.016     | 0.016     | 0         | 52.9 | 53.8 | 59.3 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 21   | 35     | 45     | 1.253     | -0.039    | 3.757 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 59.3 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 21   | 45     | 45     | 1.27      | -0.036    | 3.757 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 59.3 | 154        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 21   | 55     | 45     | 1.296     | -0.026    | 3.757 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 58.9 | 154        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 22   | 5      | 45     | 1.283     | -0.082    | 3.757 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 59.3 | 154        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 22   | 15     | 45     | 1.289     | -0.036    | 3.757 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 59.8 | 154        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 10  | 22   | 25     | 45     | 1.296     | -0.016    | 3.753 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 59.3 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 22   | 35     | 45     | 1.283     | -0.039    | 3.753 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 59.3 | 153        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 22   | 45     | 45     | 1.24      | -0.052    | 3.753 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 60.6 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 22   | 55     | 45     | 1.276     | -0.059    | 3.753 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 58.9 | 154        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 23   | 5      | 45     | 1.27      | -0.056    | 3.753 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 59.3 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 23   | 15     | 45     | 1.306     | -0.046    | 3.753 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 59.3 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 23   | 25     | 45     | 1.247     | -0.069    | 3.753 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 61.1 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 10  | 23   | 35     | 45     | 1.266     | -0.039    | 3.753 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 59.8 | 154        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 23   | 45     | 45     | 1.257     | -0.033    | 3.753 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 61.1 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 10  | 23   | 55     | 45     | 1.26      | -0.052    | 3.75  | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 59.8 | 153        | 155        | 0          | 30     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 11  | 0    | 5      | 45     | 1.263     | -0.056    | 3.75  | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 59.8 | 154        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 0    | 15     | 45     | 1.302     | -0.049    | 3.75  | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 60.2 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 0    | 25     | 45     | 1.25      | -0.059    | 3.75  | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 58.9 | 154        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 0    | 35     | 45     | 1.253     | -0.039    | 3.75  | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 59.8 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 0    | 45     | 45     | 1.24      | -0.066    | 3.747 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 59.3 | 154        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 0    | 55     | 45     | 1.247     | -0.079    | 3.747 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 58.9 | 154        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 1    | 5      | 45     | 1.289     | -0.056    | 3.747 | 0.016     | 0.016     | 0         | 53.3 | 53.8 | 57.6 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 1    | 15     | 45     | 1.27      | -0.043    | 3.747 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 59.8 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 1    | 25     | 45     | 1.23      | -0.036    | 3.743 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 58.5 | 154        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 1    | 35     | 45     | 1.266     | -0.056    | 3.743 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 59.8 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 1    | 45     | 45     | 1.253     | -0.033    | 3.743 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 58   | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 1    | 55     | 45     | 1.234     | -0.079    | 3.743 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 58.5 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 2    | 5      | 45     | 1.24      | -0.036    | 3.74  | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 56.3 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 2    | 15     | 45     | 1.227     | -0.013    | 3.74  | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 57.2 | 154        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 2    | 25     | 45     | 1.253     | -0.023    | 3.74  | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 55.9 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 2    | 35     | 45     | 1.26      | -0.059    | 3.74  | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 57.2 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 2    | 45     | 45     | 1.25      | -0.02     | 3.737 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 56.8 | 154        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 2    | 55     | 45     | 1.237     | -0.02     | 3.734 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 56.3 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 3    | 5      | 45     | 1.211     | -0.033    | 3.734 | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 56.8 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 3    | 15     | 45     | 1.286     | 0         | 3.734 | 0.016     | 0.016     | 0         | 53.3 | 53.8 | 54.6 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 3    | 25     | 45     | 1.27      | -0.039    | 3.73  | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 55   | 154        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 3    | 35     | 45     | 1.27      | -0.033    | 3.73  | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 55.9 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 3    | 45     | 45     | 1.276     | -0.075    | 3.727 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 55   | 154        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 3    | 55     | 45     | 1.217     | -0.033    | 3.724 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 57.2 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 4    | 5      | 45     | 1.24      | -0.013    | 3.724 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 57.2 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 4    | 15     | 45     | 1.24      | -0.039    | 3.724 | 0.01      | 0.007     | 0         | 53.3 | 53.3 | 56.3 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 4    | 25     | 45     | 1.257     | -0.01     | 3.72  | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 57.2 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 4    | 35     | 45     | 1.247     | -0.026    | 3.72  | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 56.3 | 154        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 4    | 45     | 45     | 1.263     | -0.066    | 3.72  | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 57.2 | 154        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 4    | 55     | 45     | 1.25      | -0.052    | 3.72  | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 58   | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 5    | 5      | 45     | 1.26      | -0.023    | 3.717 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 57.6 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 5    | 15     | 45     | 1.23      | -0.026    | 3.717 | 0.016     | 0.013     | 0         | 53.8 | 53.3 | 58   | 155        | 156        | 0          | 30     | 32     |
| 2009 | 6     | 11  | 5    | 25     | 45     | 1.243     | -0.069    | 3.717 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 56.8 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 5    | 35     | 45     | 1.25      | -0.02     | 3.717 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 58.5 | 155        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 5    | 45     | 45     | 1.23      | -0.026    | 3.714 | 0.01      | 0.007     | 0         | 53.8 | 53.8 | 56.8 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 5    | 55     | 45     | 1.26      | -0.046    | 3.714 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 58   | 155        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 6    | 5      | 45     | 1.22      | -0.043    | 3.714 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 59.3 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 6    | 15     | 45     | 1.253     | -0.059    | 3.714 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 58.5 | 155        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 6    | 25     | 45     | 1.247     | -0.085    | 3.711 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 58.9 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 6    | 35     | 45     | 1.247     | -0.026    | 3.711 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 58   | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 6    | 45     | 45     | 1.237     | -0.066    | 3.711 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 59.3 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 6    | 55     | 45     | 1.257     | -0.033    | 3.711 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 58.9 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 7    | 5      | 45     | 1.24      | -0.069    | 3.711 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 58.9 | 155        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 7    | 15     | 45     | 1.23      | -0.049    | 3.711 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 59.3 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 7    | 25     | 45     | 1.237     | -0.033    | 3.707 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 59.3 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 7    | 35     | 45     | 1.25      | -0.036    | 3.707 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 60.2 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 7    | 45     | 45     | 1.243     | -0.039    | 3.707 | 0.016     | 0.016     | 0         | 53.3 | 54.6 | 59.3 | 155        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 7    | 55     | 45     | 1.23      | -0.079    | 3.707 | 0.016     | 0.016     | 0         | 53.8 | 54.2 | 60.6 | 155        | 157        | 0          | 30     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 11  | 8    | 5      | 45     | 1.257     | -0.036    | 3.707 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 59.8 | 155        | 157        | 0          | 31     | 32     |
| 2009 | 6     | 11  | 8    | 15     | 45     | 1.224     | -0.052    | 3.707 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 60.6 | 155        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 8    | 25     | 45     | 1.22      | -0.039    | 3.707 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 60.6 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 8    | 35     | 45     | 1.27      | -0.075    | 3.707 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 60.6 | 155        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 8    | 45     | 45     | 1.234     | -0.052    | 3.704 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 61.1 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 8    | 55     | 45     | 1.201     | -0.075    | 3.704 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 59.8 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 9    | 5      | 45     | 1.211     | -0.043    | 3.704 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 58.9 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 9    | 15     | 45     | 1.234     | -0.062    | 3.704 | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 60.2 | 154        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 9    | 25     | 45     | 1.23      | -0.003    | 3.701 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 59.3 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 9    | 35     | 45     | 1.237     | -0.039    | 3.701 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 58.5 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 9    | 45     | 45     | 1.224     | -0.052    | 3.698 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 57.6 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 9    | 55     | 45     | 1.24      | -0.036    | 3.698 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 57.2 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 10   | 5      | 45     | 1.234     | -0.026    | 3.691 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 55.5 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 10   | 15     | 45     | 1.201     | -0.013    | 3.688 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 56.3 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 10   | 25     | 45     | 1.227     | 0         | 3.684 | 0.01      | 0.007     | 0         | 53.3 | 53.8 | 58   | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 10   | 35     | 45     | 1.234     | -0.046    | 3.684 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 56.3 | 153        | 155        | 0          | 30     | 32     |
| 2009 | 6     | 11  | 10   | 45     | 45     | 1.25      | -0.026    | 3.681 | 0.016     | 0.013     | 0         | 52.9 | 53.8 | 56.8 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 10   | 55     | 45     | 1.224     | -0.013    | 3.681 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 58.9 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 11   | 5      | 45     | 1.253     | -0.026    | 3.681 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 59.8 | 153        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 11   | 15     | 45     | 1.24      | -0.039    | 3.678 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 59.8 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 11   | 25     | 45     | 1.204     | -0.046    | 3.678 | 0.016     | 0.013     | 0         | 52.5 | 53.3 | 58.9 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 11   | 35     | 45     | 1.25      | -0.039    | 3.678 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 58   | 153        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 11   | 45     | 45     | 1.23      | -0.052    | 3.678 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 60.6 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 11   | 55     | 45     | 1.23      | -0.026    | 3.678 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 57.2 | 153        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 12   | 5      | 45     | 1.194     | -0.026    | 3.678 | 0.01      | 0.007     | 0         | 52.5 | 53.3 | 59.3 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 12   | 15     | 45     | 1.243     | -0.013    | 3.675 | 0.016     | 0.013     | 0         | 52.9 | 53.3 | 59.3 | 153        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 12   | 25     | 45     | 1.191     | -0.007    | 3.675 | 0.013     | 0.01      | 0         | 52.9 | 52.9 | 60.2 | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 12   | 35     | 45     | 1.204     | 0.01      | 3.675 | 0.01      | 0.007     | 0         | 52.5 | 53.8 | 60.2 | 153        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 12   | 45     | 45     | 1.23      | -0.056    | 3.675 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 60.6 | 153        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 12   | 55     | 45     | 1.22      | -0.02     | 3.675 | 0.013     | 0.01      | 0         | 52.5 | 53.3 | 58.9 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 13   | 5      | 45     | 1.184     | -0.036    | 3.671 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 59.8 | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 13   | 15     | 45     | 1.217     | -0.026    | 3.668 | 0.016     | 0.013     | 0         | 52.9 | 52.9 | 57.2 | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 13   | 25     | 45     | 1.266     | -0.016    | 3.668 | 0.013     | 0.01      | 0         | 52.5 | 52.9 | 56.8 | 153        | 154        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 13   | 35     | 45     | 1.234     | -0.043    | 3.665 | 0.01      | 0.007     | 0         | 52.9 | 52.9 | 56.8 | 153        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 13   | 45     | 45     | 1.191     | -0.016    | 3.665 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 54.6 | 153        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 13   | 55     | 45     | 1.207     | -0.013    | 3.658 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 55.5 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 14   | 5      | 45     | 1.234     | -0.026    | 3.655 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 53.8 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 14   | 15     | 45     | 1.191     | -0.01     | 3.655 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 55   | 154        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 14   | 25     | 45     | 1.22      | -0.026    | 3.652 | 0.01      | 0.007     | 0         | 52.9 | 53.3 | 54.2 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 14   | 35     | 45     | 1.211     | 0.003     | 3.652 | 0.01      | 0.007     | 0         | 52.9 | 54.2 | 55   | 154        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 14   | 45     | 45     | 1.234     | 0.02      | 3.648 | 0.016     | 0.016     | 0         | 53.3 | 54.2 | 53.3 | 154        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 14   | 55     | 45     | 1.217     | 0         | 3.648 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 56.3 | 153        | 155        | 0          | 29     | 30     |
| 2009 | 6     | 11  | 15   | 5      | 45     | 1.211     | -0.01     | 3.648 | 0.016     | 0.013     | 0         | 52.5 | 53.3 | 53.3 | 153        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 15   | 15     | 45     | 1.194     | -0.02     | 3.645 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 56.3 | 153        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 15   | 25     | 45     | 1.217     | -0.036    | 3.645 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 56.3 | 153        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 15   | 35     | 45     | 1.198     | -0.01     | 3.645 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 58   | 154        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 15   | 45     | 45     | 1.181     | -0.026    | 3.645 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 54.6 | 154        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 15   | 55     | 45     | 1.181     | -0.043    | 3.642 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 55   | 154        | 155        | 0          | 30     | 31     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 11  | 16   | 5      | 45     | 1.181     | -0.007    | 3.642 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 55.5 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 16   | 15     | 45     | 1.214     | -0.026    | 3.642 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 56.8 | 154        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 16   | 25     | 45     | 1.217     | -0.046    | 3.642 | 0.013     | 0.01      | 0         | 52.9 | 53.3 | 58   | 154        | 155        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 16   | 35     | 45     | 1.204     | 0         | 3.638 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 58.5 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 16   | 45     | 45     | 1.204     | 0         | 3.638 | 0.016     | 0.016     | 0         | 52.9 | 53.8 | 58.5 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 16   | 55     | 45     | 1.204     | 0.01      | 3.635 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 57.2 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 17   | 5      | 45     | 1.194     | -0.023    | 3.635 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 56.8 | 154        | 155        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 17   | 15     | 45     | 1.194     | -0.003    | 3.635 | 0.016     | 0.013     | 0         | 52.9 | 52.9 | 55.5 | 154        | 155        | 0          | 31     | 32     |
| 2009 | 6     | 11  | 17   | 25     | 45     | 1.22      | -0.026    | 3.632 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 56.8 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 17   | 35     | 45     | 1.201     | -0.043    | 3.632 | 0.013     | 0.01      | 0         | 53.3 | 53.3 | 57.2 | 154        | 155        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 17   | 45     | 45     | 1.171     | -0.007    | 3.629 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 55.5 | 154        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 17   | 55     | 45     | 1.175     | -0.03     | 3.625 | 0.016     | 0.016     | 0         | 53.3 | 53.8 | 55.5 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 18   | 5      | 45     | 1.194     | -0.036    | 3.622 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 56.8 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 18   | 15     | 45     | 1.161     | -0.033    | 3.622 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 56.3 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 18   | 25     | 45     | 1.194     | 0.036     | 3.619 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 56.3 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 18   | 35     | 45     | 1.217     | 0.01      | 3.615 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 56.3 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 18   | 45     | 45     | 1.194     | 0         | 3.612 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 58   | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 18   | 55     | 45     | 1.191     | -0.046    | 3.612 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 58   | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 19   | 5      | 45     | 1.161     | -0.023    | 3.609 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 57.2 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 19   | 15     | 45     | 1.201     | 0.003     | 3.609 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 58   | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 19   | 25     | 45     | 1.211     | -0.046    | 3.606 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 56.8 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 19   | 35     | 45     | 1.198     | -0.016    | 3.606 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 58   | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 19   | 45     | 45     | 1.204     | -0.01     | 3.606 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 58.5 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 19   | 55     | 45     | 1.161     | -0.036    | 3.606 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 58.5 | 156        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 20   | 5      | 45     | 1.161     | -0.043    | 3.602 | 0.01      | 0.007     | 0         | 61.1 | 61.5 | 51.2 | 172        | 173        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 20   | 15     | 45     | 1.207     | -0.043    | 3.602 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 58.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 20   | 25     | 45     | 1.171     | -0.033    | 3.602 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 58.9 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 20   | 35     | 45     | 1.191     | -0.013    | 3.602 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 58   | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 20   | 45     | 45     | 1.148     | -0.03     | 3.599 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 59.3 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 20   | 55     | 45     | 1.165     | -0.039    | 3.599 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 59.8 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 21   | 5      | 45     | 1.188     | -0.023    | 3.599 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 60.2 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 21   | 15     | 45     | 1.175     | -0.016    | 3.599 | 0.013     | 0.01      | 0         | 53.8 | 55   | 60.6 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 11  | 21   | 25     | 45     | 1.201     | -0.01     | 3.596 | 0.013     | 0.01      | 0         | 54.2 | 55   | 58.9 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 21   | 35     | 45     | 1.165     | -0.007    | 3.596 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 58.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 21   | 45     | 45     | 1.158     | -0.056    | 3.596 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 58.5 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 21   | 55     | 45     | 1.201     | -0.03     | 3.596 | 0.016     | 0.013     | 0         | 54.2 | 55   | 58.9 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 22   | 5      | 45     | 1.184     | -0.026    | 3.593 | 0.016     | 0.016     | 0         | 53.8 | 54.6 | 59.8 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 22   | 15     | 45     | 1.181     | -0.007    | 3.593 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 58.9 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 22   | 25     | 45     | 1.188     | 0         | 3.593 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 58   | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 22   | 35     | 45     | 1.175     | -0.003    | 3.593 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 58.5 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 22   | 45     | 45     | 1.161     | -0.013    | 3.589 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 57.6 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 22   | 55     | 45     | 1.155     | -0.039    | 3.589 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 55.5 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 23   | 5      | 45     | 1.168     | -0.03     | 3.586 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 55.9 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 23   | 15     | 45     | 1.188     | -0.03     | 3.586 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 56.8 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 23   | 25     | 45     | 1.161     | -0.02     | 3.586 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 57.2 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 23   | 35     | 45     | 1.178     | 0.02      | 3.583 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 56.3 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 11  | 23   | 45     | 45     | 1.181     | 0         | 3.579 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 55.9 | 156        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 11  | 23   | 55     | 45     | 1.175     | -0.023    | 3.579 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 55.9 | 156        | 158        | 0          | 31     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 12  | 0    | 5      | 45     | 1.168     | -0.003    | 3.573 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 55.9 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 0    | 15     | 45     | 1.178     | -0.013    | 3.573 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 57.2 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 0    | 25     | 45     | 1.181     | -0.007    | 3.57  | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 56.3 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 0    | 35     | 45     | 1.178     | -0.013    | 3.57  | 0.016     | 0.016     | 0         | 53.8 | 54.2 | 56.3 | 156        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 0    | 45     | 45     | 1.194     | -0.03     | 3.57  | 0.013     | 0.01      | 0         | 54.2 | 55   | 57.2 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 0    | 55     | 45     | 1.135     | -0.026    | 3.566 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 57.6 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 1    | 5      | 45     | 1.161     | -0.03     | 3.566 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 57.2 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 1    | 15     | 45     | 1.152     | 0         | 3.566 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 58.5 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 1    | 25     | 45     | 1.171     | -0.02     | 3.566 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 58   | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 1    | 35     | 45     | 1.178     | -0.013    | 3.563 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 57.6 | 156        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 1    | 45     | 45     | 1.165     | -0.023    | 3.563 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 58.5 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 1    | 55     | 45     | 1.129     | -0.016    | 3.563 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 58.5 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 2    | 5      | 45     | 1.138     | -0.016    | 3.563 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 57.6 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 2    | 15     | 45     | 1.161     | -0.01     | 3.563 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 58.5 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 2    | 25     | 45     | 1.142     | -0.003    | 3.563 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 58   | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 2    | 35     | 45     | 1.175     | -0.01     | 3.56  | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 58.9 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 2    | 45     | 45     | 1.142     | -0.016    | 3.56  | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 58.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 2    | 55     | 45     | 1.175     | -0.033    | 3.56  | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 59.3 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 3    | 5      | 45     | 1.148     | -0.023    | 3.56  | 0.016     | 0.013     | 0         | 54.2 | 55   | 57.6 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 3    | 15     | 45     | 1.138     | 0         | 3.556 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 59.3 | 156        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 3    | 25     | 45     | 1.171     | -0.03     | 3.556 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 58.5 | 155        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 3    | 35     | 45     | 1.194     | -0.013    | 3.556 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 58.5 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 3    | 45     | 45     | 1.112     | -0.03     | 3.556 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 60.2 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 3    | 55     | 45     | 1.168     | 0         | 3.556 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 60.6 | 155        | 157        | 0          | 31     | 32     |
| 2009 | 6     | 12  | 4    | 5      | 45     | 1.138     | -0.013    | 3.556 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 60.6 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 4    | 15     | 45     | 1.171     | -0.043    | 3.556 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 59.3 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 4    | 25     | 45     | 1.161     | -0.003    | 3.553 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 58.9 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 4    | 35     | 45     | 1.148     | -0.039    | 3.553 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 59.8 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 4    | 45     | 45     | 1.184     | -0.043    | 3.553 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 60.6 | 156        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 4    | 55     | 45     | 1.155     | -0.062    | 3.553 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 60.6 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 5    | 5      | 45     | 1.152     | -0.043    | 3.553 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 61.9 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 5    | 15     | 45     | 1.132     | -0.007    | 3.553 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 59.3 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 5    | 25     | 45     | 1.155     | -0.046    | 3.553 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 60.2 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 5    | 35     | 45     | 1.152     | -0.043    | 3.55  | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 59.8 | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 12  | 5    | 45     | 45     | 1.135     | -0.016    | 3.55  | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 61.5 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 5    | 55     | 45     | 1.145     | 0.003     | 3.55  | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 59.3 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 6    | 5      | 45     | 1.161     | -0.03     | 3.55  | 0.013     | 0.01      | 0         | 54.2 | 55   | 60.2 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 6    | 15     | 45     | 1.145     | -0.03     | 3.55  | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 60.6 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 6    | 25     | 45     | 1.188     | -0.046    | 3.547 | 0.013     | 0.01      | 0         | 53.8 | 55   | 60.2 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 6    | 35     | 45     | 1.165     | -0.039    | 3.547 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 61.5 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 6    | 45     | 45     | 1.152     | -0.007    | 3.547 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 61.1 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 6    | 55     | 45     | 1.115     | -0.026    | 3.547 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 58.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 7    | 5      | 45     | 1.158     | -0.026    | 3.547 | 0.016     | 0.013     | 0         | 54.2 | 53.8 | 60.6 | 156        | 157        | 0          | 30     | 32     |
| 2009 | 6     | 12  | 7    | 15     | 45     | 1.161     | -0.026    | 3.543 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 57.6 | 156        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 7    | 25     | 45     | 1.132     | -0.013    | 3.543 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 59.3 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 7    | 35     | 45     | 1.125     | -0.049    | 3.543 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 58.5 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 7    | 45     | 45     | 1.112     | -0.052    | 3.543 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 58.5 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 7    | 55     | 45     | 1.158     | -0.059    | 3.54  | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 57.6 | 155        | 157        | 0          | 31     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 12  | 8    | 5      | 45     | 1.138     | -0.013    | 3.54  | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 58   | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 8    | 15     | 45     | 1.161     | -0.043    | 3.537 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 57.6 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 8    | 25     | 45     | 1.198     | -0.026    | 3.537 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 58.5 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 8    | 35     | 45     | 1.161     | -0.052    | 3.53  | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 55.5 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 8    | 45     | 45     | 1.158     | -0.016    | 3.527 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 57.2 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 8    | 55     | 45     | 1.161     | 0.003     | 3.527 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 56.8 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 9    | 5      | 45     | 1.175     | 0.01      | 3.527 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 57.2 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 9    | 15     | 45     | 1.142     | -0.033    | 3.524 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 58.5 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 9    | 25     | 45     | 1.129     | -0.036    | 3.524 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 58.5 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 9    | 35     | 45     | 1.168     | -0.026    | 3.524 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 58.5 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 9    | 45     | 45     | 1.165     | -0.013    | 3.524 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 58   | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 9    | 55     | 45     | 1.132     | -0.007    | 3.52  | 0.016     | 0.013     | 0         | 54.2 | 53.8 | 58.5 | 156        | 157        | 0          | 30     | 32     |
| 2009 | 6     | 12  | 10   | 5      | 45     | 1.158     | 0         | 3.52  | 0.016     | 0.016     | 0         | 53.8 | 54.6 | 58   | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 10   | 15     | 45     | 1.106     | -0.043    | 3.52  | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 58.5 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 10   | 25     | 45     | 1.138     | 0.013     | 3.52  | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 60.2 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 10   | 35     | 45     | 1.138     | -0.043    | 3.52  | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 59.8 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 10   | 45     | 45     | 1.129     | -0.043    | 3.52  | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 58   | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 10   | 55     | 45     | 1.096     | -0.066    | 3.52  | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 60.6 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 11   | 5      | 45     | 1.129     | -0.049    | 3.52  | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 58.9 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 11   | 15     | 45     | 1.158     | 0.003     | 3.52  | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 59.3 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 11   | 25     | 45     | 1.122     | -0.016    | 3.52  | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 59.8 | 155        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 11   | 35     | 45     | 1.122     | 0.007     | 3.517 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 59.3 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 11   | 45     | 45     | 1.142     | -0.02     | 3.517 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 60.2 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 11   | 55     | 45     | 1.142     | 0.003     | 3.517 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 58.5 | 155        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 12   | 5      | 45     | 1.142     | -0.03     | 3.517 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 59.3 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 12   | 15     | 45     | 1.109     | -0.01     | 3.514 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 58   | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 12   | 25     | 45     | 1.145     | 0         | 3.514 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 55.5 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 12   | 35     | 45     | 1.093     | -0.01     | 3.51  | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 57.6 | 155        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 12   | 45     | 45     | 1.155     | 0         | 3.51  | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 56.8 | 155        | 156        | 0          | 29     | 31     |
| 2009 | 6     | 12  | 12   | 55     | 45     | 1.125     | -0.013    | 3.507 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 53.3 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 13   | 5      | 45     | 1.102     | -0.007    | 3.504 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 57.2 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 13   | 15     | 45     | 1.089     | -0.013    | 3.501 | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 56.3 | 155        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 13   | 25     | 45     | 1.142     | -0.01     | 3.501 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 52.5 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 13   | 35     | 45     | 1.129     | -0.023    | 3.497 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 54.6 | 155        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 13   | 45     | 45     | 1.106     | -0.013    | 3.497 | 0.016     | 0.016     | 0         | 53.8 | 54.2 | 53.3 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 13   | 55     | 45     | 1.129     | 0         | 3.494 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 51.6 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 14   | 5      | 45     | 1.079     | -0.023    | 3.494 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 50.3 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 14   | 15     | 45     | 1.125     | -0.013    | 3.494 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 52.5 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 14   | 25     | 45     | 1.125     | -0.016    | 3.491 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 46   | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 14   | 35     | 45     | 1.089     | 0.003     | 3.491 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 49.9 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 14   | 45     | 45     | 1.135     | 0.01      | 3.494 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 45.2 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 14   | 55     | 45     | 1.079     | 0.003     | 3.491 | 0.013     | 0.01      | 0         | 54.2 | 55   | 52.5 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 15   | 5      | 45     | 1.109     | -0.013    | 3.491 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 50.3 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 15   | 15     | 45     | 1.129     | 0.007     | 3.488 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 53.3 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 15   | 25     | 45     | 1.112     | -0.02     | 3.488 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 47.3 | 156        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 15   | 35     | 45     | 1.122     | -0.023    | 3.488 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 50.7 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 15   | 45     | 45     | 1.119     | -0.007    | 3.488 | 0.016     | 0.016     | 0         | 54.2 | 54.2 | 54.2 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 15   | 55     | 45     | 1.119     | -0.013    | 3.484 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 46.4 | 155        | 157        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 12  | 16   | 5      | 45     | 1.119     | -0.013    | 3.484 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 52.5 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 16   | 15     | 45     | 1.122     | -0.02     | 3.484 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 52.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 16   | 25     | 45     | 1.099     | -0.026    | 3.481 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 50.7 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 16   | 35     | 45     | 1.079     | -0.01     | 3.481 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 47.3 | 156        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 16   | 45     | 45     | 1.099     | -0.036    | 3.478 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 45.2 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 16   | 55     | 45     | 1.135     | -0.003    | 3.474 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 45.2 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 17   | 5      | 45     | 1.096     | -0.023    | 3.478 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 45.2 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 17   | 15     | 45     | 1.125     | -0.046    | 3.478 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 51.2 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 17   | 25     | 45     | 1.102     | -0.03     | 3.478 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 52.9 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 17   | 35     | 45     | 1.119     | -0.007    | 3.478 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 53.3 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 17   | 45     | 45     | 1.089     | -0.026    | 3.474 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 49.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 17   | 55     | 45     | 1.086     | 0         | 3.474 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 53.8 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 18   | 5      | 45     | 1.093     | -0.052    | 3.474 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 53.8 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 18   | 15     | 45     | 1.122     | -0.043    | 3.471 | 0.016     | 0.013     | 0         | 54.2 | 55   | 52   | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 18   | 25     | 45     | 1.07      | -0.023    | 3.471 | 0.016     | 0.016     | 0         | 53.8 | 54.6 | 52.5 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 18   | 35     | 45     | 1.125     | -0.003    | 3.471 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 55   | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 18   | 45     | 45     | 1.109     | -0.01     | 3.471 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 54.6 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 18   | 55     | 45     | 1.083     | 0.003     | 3.468 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 53.3 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 19   | 5      | 45     | 1.079     | -0.033    | 3.465 | 0.016     | 0.013     | 0         | 54.2 | 55   | 53.8 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 19   | 15     | 45     | 1.099     | 0.007     | 3.465 | 0.016     | 0.016     | 0         | 54.2 | 55   | 52.9 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 19   | 25     | 45     | 1.089     | -0.016    | 3.465 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 55.9 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 19   | 35     | 45     | 1.125     | -0.01     | 3.461 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 54.2 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 19   | 45     | 45     | 1.102     | -0.02     | 3.461 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 53.8 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 19   | 55     | 45     | 1.076     | -0.03     | 3.458 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 53.3 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 20   | 5      | 45     | 1.102     | -0.003    | 3.458 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 55   | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 20   | 15     | 45     | 1.115     | 0         | 3.455 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 52.9 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 20   | 25     | 45     | 1.079     | -0.013    | 3.455 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 56.3 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 20   | 35     | 45     | 1.089     | -0.033    | 3.455 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 53.8 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 20   | 45     | 45     | 1.089     | -0.016    | 3.451 | 0.02      | 0.016     | 0         | 54.2 | 55   | 52   | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 20   | 55     | 45     | 1.096     | -0.026    | 3.451 | 0.016     | 0.016     | 0         | 54.2 | 55   | 55.5 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 21   | 5      | 45     | 1.093     | -0.036    | 3.448 | 0.013     | 0.01      | 0         | 54.2 | 55   | 56.8 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 21   | 15     | 45     | 1.125     | -0.036    | 3.448 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 55.9 | 157        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 12  | 21   | 25     | 45     | 1.07      | -0.026    | 3.448 | 0.016     | 0.013     | 0         | 54.2 | 55   | 56.8 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 21   | 35     | 45     | 1.073     | -0.007    | 3.448 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 58   | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 21   | 45     | 45     | 1.086     | -0.056    | 3.448 | 0.016     | 0.016     | 0         | 54.2 | 55.5 | 56.3 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 12  | 21   | 55     | 45     | 1.122     | -0.03     | 3.448 | 0.016     | 0.013     | 0         | 54.2 | 55   | 58.5 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 22   | 5      | 45     | 1.096     | -0.033    | 3.448 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 55.5 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 22   | 15     | 45     | 1.07      | -0.01     | 3.445 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 57.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 22   | 25     | 45     | 1.07      | -0.016    | 3.445 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 58.5 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 22   | 35     | 45     | 1.086     | 0.003     | 3.445 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 57.6 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 22   | 45     | 45     | 1.079     | -0.013    | 3.445 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 57.2 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 22   | 55     | 45     | 1.086     | -0.043    | 3.445 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 57.2 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 23   | 5      | 45     | 1.089     | -0.013    | 3.445 | 0.013     | 0.01      | 0         | 54.2 | 55   | 59.8 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 23   | 15     | 45     | 1.102     | -0.013    | 3.445 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 60.2 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 23   | 25     | 45     | 1.073     | -0.03     | 3.442 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 60.2 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 23   | 35     | 45     | 1.096     | 0.003     | 3.445 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 58.5 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 12  | 23   | 45     | 45     | 1.109     | -0.003    | 3.442 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 61.1 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 12  | 23   | 55     | 45     | 1.073     | -0.03     | 3.442 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 58.9 | 156        | 158        | 0          | 31     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 13  | 0    | 5      | 45     | 1.083     | -0.059    | 3.442 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 61.1 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 0    | 15     | 45     | 1.096     | -0.026    | 3.442 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 60.6 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 0    | 25     | 45     | 1.125     | -0.03     | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 61.1 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 0    | 35     | 45     | 1.109     | -0.036    | 3.442 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 60.2 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 0    | 45     | 45     | 1.112     | -0.036    | 3.442 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 59.8 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 0    | 55     | 45     | 1.129     | -0.03     | 3.442 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 61.1 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 1    | 5      | 45     | 1.053     | -0.036    | 3.442 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 61.9 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 1    | 15     | 45     | 1.063     | 0         | 3.442 | 0.016     | 0.013     | 0         | 54.2 | 55   | 60.6 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 1    | 25     | 45     | 1.079     | -0.039    | 3.442 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 60.6 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 1    | 35     | 45     | 1.093     | -0.03     | 3.438 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 61.1 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 1    | 45     | 45     | 1.076     | -0.043    | 3.438 | 0.013     | 0.01      | 0         | 54.2 | 55   | 61.1 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 1    | 55     | 45     | 1.102     | -0.01     | 3.438 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 61.5 | 156        | 158        | 0          | 30     | 32     |
| 2009 | 6     | 13  | 2    | 5      | 45     | 1.056     | -0.023    | 3.438 | 0.013     | 0.01      | 0         | 54.2 | 55   | 60.2 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 2    | 15     | 45     | 1.083     | -0.03     | 3.438 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 61.5 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 2    | 25     | 45     | 1.076     | -0.003    | 3.438 | 0.01      | 0.007     | 0         | 54.2 | 55   | 60.2 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 2    | 35     | 45     | 1.093     | 0         | 3.438 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 60.2 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 2    | 45     | 45     | 1.093     | -0.052    | 3.438 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 60.6 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 2    | 55     | 45     | 1.079     | -0.016    | 3.438 | 0.016     | 0.013     | 0         | 54.6 | 55   | 60.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 3    | 5      | 45     | 1.089     | -0.016    | 3.438 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 61.5 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 3    | 15     | 45     | 1.03      | -0.043    | 3.438 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 62.4 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 3    | 25     | 45     | 1.109     | -0.013    | 3.438 | 0.016     | 0.016     | 0         | 53.8 | 54.6 | 61.1 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 3    | 35     | 45     | 1.06      | -0.01     | 3.435 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 61.1 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 3    | 45     | 45     | 1.066     | -0.043    | 3.435 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 59.8 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 3    | 55     | 45     | 1.07      | -0.01     | 3.435 | 0.013     | 0.01      | 0         | 54.2 | 55   | 60.2 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 4    | 5      | 45     | 1.083     | -0.033    | 3.435 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 62.8 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 4    | 15     | 45     | 1.066     | -0.02     | 3.435 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 60.2 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 4    | 25     | 45     | 1.053     | -0.003    | 3.435 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 60.2 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 4    | 35     | 45     | 1.033     | -0.052    | 3.435 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 62.4 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 4    | 45     | 45     | 1.033     | -0.036    | 3.435 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 61.9 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 4    | 55     | 45     | 1.119     | -0.03     | 3.435 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 61.1 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 5    | 5      | 45     | 1.063     | 0.013     | 3.435 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 60.6 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 5    | 15     | 45     | 1.076     | -0.036    | 3.435 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 62.4 | 156        | 158        | 0          | 30     | 32     |
| 2009 | 6     | 13  | 5    | 25     | 45     | 1.066     | -0.033    | 3.435 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.1 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 5    | 35     | 45     | 1.06      | -0.02     | 3.432 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 61.1 | 157        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 13  | 5    | 45     | 45     | 1.099     | -0.049    | 3.432 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 61.1 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 5    | 55     | 45     | 1.086     | -0.026    | 3.432 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 61.5 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 6    | 5      | 45     | 1.076     | -0.049    | 3.432 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 60.6 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 6    | 15     | 45     | 1.033     | -0.016    | 3.432 | 0.016     | 0.013     | 0         | 54.2 | 55   | 61.5 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 6    | 25     | 45     | 1.073     | -0.043    | 3.432 | 0.016     | 0.013     | 0         | 54.6 | 55   | 62.4 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 6    | 35     | 45     | 1.053     | -0.01     | 3.432 | 0.013     | 0.01      | 0         | 54.2 | 55   | 60.2 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 6    | 45     | 45     | 1.096     | -0.072    | 3.432 | 0.01      | 0.007     | 0         | 54.2 | 55   | 61.5 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 6    | 55     | 45     | 1.109     | -0.016    | 3.432 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 61.5 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 7    | 5      | 45     | 1.086     | -0.046    | 3.432 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 62.8 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 7    | 15     | 45     | 1.063     | -0.062    | 3.432 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 61.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 7    | 25     | 45     | 1.066     | -0.016    | 3.432 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 61.1 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 7    | 35     | 45     | 1.02      | -0.059    | 3.432 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 61.9 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 7    | 45     | 45     | 1.109     | -0.039    | 3.432 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 61.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 7    | 55     | 45     | 1.037     | -0.043    | 3.432 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 61.9 | 156        | 157        | 0          | 31     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 13  | 8    | 5      | 45     | 1.07      | -0.043    | 3.432 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 61.5 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 8    | 15     | 45     | 1.096     | -0.062    | 3.428 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 61.5 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 8    | 25     | 45     | 1.102     | -0.066    | 3.428 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 61.9 | 156        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 8    | 35     | 45     | 1.086     | -0.043    | 3.428 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 61.1 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 8    | 45     | 45     | 1.06      | -0.033    | 3.428 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 61.5 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 8    | 55     | 45     | 1.073     | -0.02     | 3.428 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 61.5 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 9    | 5      | 45     | 1.086     | -0.03     | 3.428 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 60.6 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 9    | 15     | 45     | 1.06      | -0.036    | 3.428 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 61.1 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 9    | 25     | 45     | 1.066     | -0.049    | 3.428 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 59.8 | 155        | 157        | 0          | 30     | 32     |
| 2009 | 6     | 13  | 9    | 35     | 45     | 1.083     | -0.039    | 3.428 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 60.6 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 9    | 45     | 45     | 1.093     | -0.03     | 3.428 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 61.9 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 9    | 55     | 45     | 1.07      | -0.026    | 3.425 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 58.9 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 10   | 5      | 45     | 1.086     | 0         | 3.425 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 58.5 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 10   | 15     | 45     | 1.083     | -0.013    | 3.425 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 59.3 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 10   | 25     | 45     | 1.073     | -0.023    | 3.422 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 58.5 | 155        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 10   | 35     | 45     | 1.06      | -0.036    | 3.422 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 57.6 | 155        | 157        | 0          | 30     | 32     |
| 2009 | 6     | 13  | 10   | 45     | 45     | 1.07      | -0.072    | 3.419 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 58   | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 10   | 55     | 45     | 1.04      | -0.016    | 3.419 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 59.3 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 11   | 5      | 45     | 1.066     | -0.01     | 3.415 | 0.016     | 0.016     | 0         | 53.3 | 54.2 | 58.5 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 11   | 15     | 45     | 1.066     | -0.033    | 3.415 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 58   | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 11   | 25     | 45     | 1.063     | 0         | 3.412 | 0.016     | 0.016     | 0         | 53.3 | 54.2 | 58.9 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 11   | 35     | 45     | 1.073     | -0.033    | 3.412 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 58.9 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 11   | 45     | 45     | 1.083     | -0.036    | 3.412 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 59.3 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 11   | 55     | 45     | 1.07      | -0.01     | 3.412 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 57.6 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 12   | 5      | 45     | 1.06      | -0.03     | 3.412 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 58   | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 12   | 15     | 45     | 1.056     | -0.016    | 3.409 | 0.016     | 0.016     | 0         | 53.3 | 54.2 | 58.9 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 12   | 25     | 45     | 1.089     | -0.016    | 3.409 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 58.9 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 12   | 35     | 45     | 1.056     | -0.013    | 3.409 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 59.8 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 12   | 45     | 45     | 1.093     | -0.03     | 3.409 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 60.2 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 12   | 55     | 45     | 1.079     | -0.039    | 3.409 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 59.3 | 154        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 13   | 5      | 45     | 1.043     | -0.01     | 3.409 | 0.016     | 0.016     | 0         | 53.3 | 54.6 | 59.3 | 155        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 13   | 15     | 45     | 1.076     | -0.03     | 3.409 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 60.6 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 13   | 25     | 45     | 1.053     | -0.007    | 3.409 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 59.8 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 13   | 35     | 45     | 1.047     | -0.03     | 3.409 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 59.8 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 13   | 45     | 45     | 1.089     | -0.033    | 3.409 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 61.1 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 13   | 55     | 45     | 1.083     | 0         | 3.409 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 60.6 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 14   | 5      | 45     | 1.063     | -0.023    | 3.406 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 60.6 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 14   | 15     | 45     | 1.06      | 0.003     | 3.406 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 59.8 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 14   | 25     | 45     | 1.03      | -0.016    | 3.406 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 55   | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 14   | 35     | 45     | 1.063     | -0.007    | 3.406 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 58.5 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 14   | 45     | 45     | 1.063     | -0.013    | 3.406 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 53.3 | 156        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 14   | 55     | 45     | 1.066     | -0.03     | 3.406 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 54.2 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 15   | 5      | 45     | 1.04      | -0.036    | 3.406 | 0.016     | 0.013     | 0         | 54.2 | 55   | 56.3 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 15   | 15     | 45     | 1.06      | -0.007    | 3.406 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 55.5 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 15   | 25     | 45     | 1.056     | -0.03     | 3.406 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 58   | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 15   | 35     | 45     | 1.063     | -0.039    | 3.406 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 58   | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 15   | 45     | 45     | 1.014     | -0.026    | 3.402 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 61.1 | 156        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 15   | 55     | 45     | 1.043     | -0.033    | 3.402 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 58   | 155        | 157        | 0          | 30     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 13  | 16   | 5      | 45     | 1.066     | -0.01     | 3.402 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 58.5 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 16   | 15     | 45     | 1.06      | 0         | 3.402 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 58.5 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 16   | 25     | 45     | 1.03      | -0.013    | 3.402 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 59.3 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 16   | 35     | 45     | 1.066     | -0.02     | 3.402 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 59.3 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 16   | 45     | 45     | 1.04      | 0         | 3.402 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 58.9 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 16   | 55     | 45     | 1.07      | -0.007    | 3.402 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 61.5 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 17   | 5      | 45     | 1.079     | -0.033    | 3.402 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 60.2 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 17   | 15     | 45     | 1.063     | -0.043    | 3.402 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 60.2 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 17   | 25     | 45     | 1.07      | -0.039    | 3.402 | 0.016     | 0.013     | 0         | 54.2 | 55   | 61.5 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 17   | 35     | 45     | 1.066     | -0.01     | 3.399 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 61.5 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 17   | 45     | 45     | 1.066     | -0.02     | 3.399 | 0.016     | 0.016     | 0         | 53.8 | 54.2 | 61.1 | 156        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 17   | 55     | 45     | 1.073     | -0.036    | 3.399 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 61.1 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 18   | 5      | 45     | 1.047     | 0         | 3.399 | 0.013     | 0.01      | 0         | 54.2 | 55   | 59.8 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 18   | 15     | 45     | 1.056     | 0.003     | 3.399 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 60.2 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 18   | 25     | 45     | 1.033     | 0.026     | 3.399 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 60.2 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 18   | 35     | 45     | 1.073     | 0.026     | 3.399 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 61.1 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 18   | 45     | 45     | 1.043     | -0.023    | 3.399 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 61.5 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 18   | 55     | 45     | 1.076     | -0.046    | 3.399 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 61.1 | 155        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 19   | 5      | 45     | 1.033     | -0.043    | 3.399 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 59.3 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 19   | 15     | 45     | 1.047     | -0.023    | 3.399 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 61.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 19   | 25     | 45     | 1.096     | -0.033    | 3.396 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 61.1 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 19   | 35     | 45     | 1.056     | -0.007    | 3.396 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 60.2 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 19   | 45     | 45     | 1.027     | -0.026    | 3.396 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 60.2 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 19   | 55     | 45     | 1.07      | -0.036    | 3.396 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 59.8 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 20   | 5      | 45     | 1.07      | -0.066    | 3.396 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 59.8 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 20   | 15     | 45     | 1.093     | -0.036    | 3.396 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 59.3 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 20   | 25     | 45     | 1.037     | -0.023    | 3.396 | 0.013     | 0.01      | 0         | 54.6 | 55   | 60.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 20   | 35     | 45     | 1.043     | -0.043    | 3.396 | 0.013     | 0.01      | 0         | 54.6 | 55   | 59.8 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 20   | 45     | 45     | 1.083     | -0.03     | 3.396 | 0.01      | 0.007     | 0         | 54.2 | 55   | 60.2 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 20   | 55     | 45     | 1.004     | -0.059    | 3.392 | 0.013     | 0.01      | 0         | 55   | 55   | 59.3 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 21   | 5      | 45     | 1.053     | -0.082    | 3.396 | 0.013     | 0.01      | 0         | 54.6 | 55   | 59.3 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 21   | 15     | 45     | 1.043     | -0.052    | 3.392 | 0.016     | 0.013     | 0         | 55   | 55.5 | 60.2 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 21   | 25     | 45     | 1.05      | -0.039    | 3.392 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 59.3 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 21   | 35     | 45     | 1.024     | -0.046    | 3.392 | 0.016     | 0.013     | 0         | 54.6 | 55   | 60.2 | 158        | 160        | 0          | 31     | 32     |
| 2009 | 6     | 13  | 21   | 45     | 45     | 1.056     | -0.023    | 3.392 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 59.3 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 21   | 55     | 45     | 1.04      | -0.043    | 3.392 | 0.016     | 0.013     | 0         | 54.6 | 55   | 59.8 | 158        | 160        | 0          | 31     | 32     |
| 2009 | 6     | 13  | 22   | 5      | 45     | 1.07      | -0.079    | 3.392 | 0.016     | 0.013     | 0         | 55   | 55.5 | 60.6 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 22   | 15     | 45     | 1.076     | -0.056    | 3.392 | 0.013     | 0.01      | 0         | 55   | 55   | 61.5 | 158        | 160        | 0          | 30     | 32     |
| 2009 | 6     | 13  | 22   | 25     | 45     | 1.05      | -0.03     | 3.392 | 0.016     | 0.013     | 0         | 55   | 55.5 | 60.2 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 22   | 35     | 45     | 1.06      | -0.069    | 3.392 | 0.016     | 0.013     | 0         | 55   | 55.5 | 61.5 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 22   | 45     | 45     | 1.024     | -0.03     | 3.392 | 0.016     | 0.016     | 0         | 54.2 | 55   | 61.1 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 22   | 55     | 45     | 1.03      | -0.039    | 3.392 | 0.016     | 0.013     | 0         | 54.2 | 55   | 60.2 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 23   | 5      | 45     | 1.03      | -0.066    | 3.392 | 0.016     | 0.013     | 0         | 54.6 | 55   | 60.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 23   | 15     | 45     | 1.073     | -0.03     | 3.389 | 0.016     | 0.013     | 0         | 54.6 | 55   | 60.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 23   | 25     | 45     | 1.04      | -0.043    | 3.389 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 60.2 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 13  | 23   | 35     | 45     | 1.043     | -0.03     | 3.389 | 0.013     | 0.01      | 0         | 54.2 | 55   | 59.8 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 13  | 23   | 45     | 45     | 1.033     | -0.013    | 3.389 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.1 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 13  | 23   | 55     | 45     | 1.043     | -0.03     | 3.389 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 60.2 | 157        | 159        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 14  | 0    | 5      | 45     | 1.047     | -0.066    | 3.389 | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 61.1 | 157        | 159        | 0          | 30     | 32     |
| 2009 | 6     | 14  | 0    | 15     | 45     | 1.047     | -0.072    | 3.389 | 0.016     | 0.013     | 0         | 54.6 | 55   | 59.8 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 0    | 25     | 45     | 1.02      | -0.013    | 3.389 | 0.013     | 0.01      | 0         | 54.2 | 55   | 61.1 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 0    | 35     | 45     | 1.043     | -0.036    | 3.386 | 0.01      | 0.007     | 0         | 54.2 | 55.5 | 58.9 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 0    | 45     | 45     | 1.024     | -0.039    | 3.389 | 0.016     | 0.013     | 0         | 54.2 | 55   | 60.2 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 0    | 55     | 45     | 1.073     | -0.043    | 3.389 | 0.013     | 0.01      | 0         | 54.2 | 55   | 60.2 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 1    | 5      | 45     | 1.024     | -0.023    | 3.386 | 0.016     | 0.013     | 0         | 54.2 | 55   | 60.2 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 1    | 15     | 45     | 1.047     | -0.062    | 3.389 | 0.016     | 0.013     | 0         | 54.2 | 55   | 61.5 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 1    | 25     | 45     | 1.043     | -0.059    | 3.386 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 58   | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 1    | 35     | 45     | 1.017     | -0.062    | 3.386 | 0.016     | 0.013     | 0         | 54.2 | 55   | 59.3 | 157        | 160        | 0          | 31     | 32     |
| 2009 | 6     | 14  | 1    | 45     | 45     | 1.096     | -0.052    | 3.389 | 0.016     | 0.013     | 0         | 55   | 55.5 | 60.2 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 1    | 55     | 45     | 1.089     | -0.046    | 3.389 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 60.2 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 2    | 5      | 45     | 1.056     | -0.039    | 3.386 | 0.016     | 0.013     | 0         | 54.2 | 55   | 60.2 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 2    | 15     | 45     | 1.04      | -0.049    | 3.389 | 0.013     | 0.01      | 0         | 54.2 | 55   | 61.1 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 2    | 25     | 45     | 1.04      | -0.049    | 3.386 | 0.013     | 0.01      | 0         | 54.6 | 55   | 59.8 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 2    | 35     | 45     | 1.07      | -0.046    | 3.386 | 0.013     | 0.01      | 0         | 54.2 | 55   | 59.3 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 2    | 45     | 45     | 1.07      | -0.085    | 3.386 | 0.013     | 0.01      | 0         | 54.2 | 55   | 60.6 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 2    | 55     | 45     | 1.05      | -0.039    | 3.386 | 0.016     | 0.013     | 0         | 54.2 | 55   | 59.8 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 3    | 5      | 45     | 1.079     | -0.043    | 3.386 | 0.016     | 0.013     | 0         | 54.2 | 55   | 59.8 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 3    | 15     | 45     | 1.03      | -0.052    | 3.386 | 0.01      | 0.007     | 0         | 54.2 | 55   | 61.1 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 3    | 25     | 45     | 1.027     | -0.043    | 3.386 | 0.016     | 0.016     | 0         | 54.2 | 55   | 61.1 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 3    | 35     | 45     | 1.043     | -0.049    | 3.386 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 61.1 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 3    | 45     | 45     | 1.03      | -0.046    | 3.386 | 0.013     | 0.01      | 0         | 54.2 | 55   | 61.5 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 3    | 55     | 45     | 1.017     | -0.089    | 3.386 | 0.016     | 0.013     | 0         | 54.2 | 55   | 61.1 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 4    | 5      | 45     | 1.04      | -0.046    | 3.386 | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 61.5 | 157        | 159        | 0          | 30     | 32     |
| 2009 | 6     | 14  | 4    | 15     | 45     | 1.063     | -0.072    | 3.386 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 61.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 4    | 25     | 45     | 1.056     | -0.043    | 3.386 | 0.013     | 0.01      | 0         | 54.2 | 55   | 60.6 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 4    | 35     | 45     | 1.066     | -0.056    | 3.386 | 0.016     | 0.013     | 0         | 54.2 | 55   | 61.5 | 156        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 4    | 45     | 45     | 1.04      | -0.066    | 3.386 | 0.01      | 0.007     | 0         | 54.2 | 55   | 61.1 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 4    | 55     | 45     | 1.066     | -0.039    | 3.386 | 0.016     | 0.013     | 0         | 54.2 | 55   | 61.5 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 5    | 5      | 45     | 1.027     | -0.056    | 3.386 | 0.016     | 0.013     | 0         | 54.2 | 55   | 60.2 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 5    | 15     | 45     | 1.01      | -0.062    | 3.386 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 61.9 | 157        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 5    | 25     | 45     | 1.056     | -0.02     | 3.386 | 0.01      | 0.007     | 0         | 54.2 | 55.5 | 59.8 | 158        | 160        | 0          | 32     | 31     |
| 2009 | 6     | 14  | 5    | 35     | 45     | 1.05      | -0.033    | 3.386 | 0.013     | 0.01      | 0         | 54.2 | 55   | 60.6 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 5    | 45     | 45     | 1.02      | -0.059    | 3.386 | 0.013     | 0.01      | 0         | 54.6 | 55   | 60.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 5    | 55     | 45     | 1.037     | -0.03     | 3.386 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 62.4 | 157        | 159        | 0          | 30     | 32     |
| 2009 | 6     | 14  | 6    | 5      | 45     | 1.05      | -0.059    | 3.386 | 0.016     | 0.013     | 0         | 54.2 | 55   | 60.2 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 6    | 15     | 45     | 1.063     | -0.052    | 3.386 | 0.01      | 0.007     | 0         | 54.2 | 55   | 59.8 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 6    | 25     | 45     | 1.037     | -0.072    | 3.386 | 0.016     | 0.016     | 0         | 54.6 | 55   | 62.4 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 6    | 35     | 45     | 1.037     | -0.049    | 3.386 | 0.013     | 0.01      | 0         | 54.2 | 55   | 62.4 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 6    | 45     | 45     | 1.02      | -0.033    | 3.386 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.1 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 6    | 55     | 45     | 1.076     | -0.066    | 3.386 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.9 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 7    | 5      | 45     | 1.027     | -0.033    | 3.386 | 0.013     | 0.01      | 0         | 54.2 | 55   | 61.5 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 7    | 15     | 45     | 1.056     | -0.056    | 3.386 | 0.01      | 0.007     | 0         | 54.6 | 55   | 62.4 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 7    | 25     | 45     | 1.06      | -0.072    | 3.386 | 0.016     | 0.013     | 0         | 54.2 | 55   | 61.1 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 7    | 35     | 45     | 1.073     | -0.036    | 3.386 | 0.013     | 0.01      | 0         | 53.8 | 55   | 61.9 | 157        | 159        | 0          | 32     | 31     |
| 2009 | 6     | 14  | 7    | 45     | 45     | 1.056     | -0.036    | 3.386 | 0.016     | 0.013     | 0         | 53.8 | 55   | 62.4 | 156        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 7    | 55     | 45     | 1.089     | -0.072    | 3.386 | 0.01      | 0.007     | 0         | 54.2 | 55   | 61.1 | 157        | 159        | 0          | 31     | 31     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 14  | 8    | 5      | 45     | 1.066     | -0.01     | 3.386 | 0.013     | 0.01      | 0         | 53.8 | 55   | 61.1 | 156        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 8    | 15     | 45     | 1.037     | 0         | 3.386 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 61.9 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 8    | 25     | 45     | 1.033     | -0.056    | 3.386 | 0.013     | 0.01      | 0         | 54.2 | 55   | 60.6 | 156        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 8    | 35     | 45     | 1.079     | -0.039    | 3.386 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 61.5 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 8    | 45     | 45     | 1.04      | -0.046    | 3.386 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 61.5 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 8    | 55     | 45     | 1.05      | -0.033    | 3.386 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 61.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 9    | 5      | 45     | 1.014     | -0.043    | 3.386 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 61.1 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 9    | 15     | 45     | 1.027     | -0.016    | 3.386 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 61.5 | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 14  | 9    | 25     | 45     | 1.033     | -0.066    | 3.383 | 0.016     | 0.016     | 0         | 53.3 | 54.6 | 61.1 | 155        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 9    | 35     | 45     | 1.024     | -0.046    | 3.383 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 59.3 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 9    | 45     | 45     | 1.056     | -0.043    | 3.383 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 60.6 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 9    | 55     | 45     | 1.033     | -0.039    | 3.383 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 59.8 | 155        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 10   | 5      | 45     | 1.05      | -0.007    | 3.383 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 60.6 | 155        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 10   | 15     | 45     | 1.06      | 0.016     | 3.383 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 60.2 | 155        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 10   | 25     | 45     | 1.056     | -0.043    | 3.383 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 58.5 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 10   | 35     | 45     | 1.053     | -0.026    | 3.383 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 56.8 | 155        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 10   | 45     | 45     | 1.033     | -0.056    | 3.379 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 59.3 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 10   | 55     | 45     | 1.047     | -0.003    | 3.383 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 58.5 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 11   | 5      | 45     | 1.047     | -0.03     | 3.379 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 58   | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 11   | 15     | 45     | 1.037     | -0.036    | 3.376 | 0.016     | 0.016     | 0         | 53.8 | 54.6 | 58   | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 11   | 25     | 45     | 1.02      | 0.01      | 3.376 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 56.8 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 11   | 35     | 45     | 1.017     | -0.003    | 3.373 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 58.5 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 11   | 45     | 45     | 1.053     | -0.026    | 3.373 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 57.6 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 11   | 55     | 45     | 1.037     | -0.02     | 3.373 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 59.3 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 12   | 5      | 45     | 1.056     | -0.03     | 3.369 | 0.016     | 0.016     | 0         | 53.3 | 54.2 | 60.2 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 12   | 15     | 45     | 1.037     | -0.023    | 3.369 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 59.3 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 12   | 25     | 45     | 1.073     | -0.016    | 3.369 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 59.8 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 12   | 35     | 45     | 1.027     | -0.072    | 3.369 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 60.6 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 12   | 45     | 45     | 1.03      | -0.043    | 3.369 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 58   | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 12   | 55     | 45     | 1.063     | -0.043    | 3.369 | 0.02      | 0.016     | 0         | 54.2 | 55   | 60.6 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 13   | 5      | 45     | 1.076     | -0.026    | 3.369 | 0.016     | 0.016     | 0         | 53.8 | 54.2 | 60.2 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 13   | 15     | 45     | 1.056     | -0.016    | 3.369 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 60.6 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 13   | 25     | 45     | 1.033     | -0.02     | 3.369 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 60.6 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 13   | 35     | 45     | 1.037     | -0.023    | 3.369 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 59.3 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 13   | 45     | 45     | 1.04      | -0.01     | 3.369 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 61.5 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 13   | 55     | 45     | 1.03      | -0.007    | 3.369 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 61.1 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 14   | 5      | 45     | 1.03      | -0.007    | 3.369 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 61.9 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 14   | 15     | 45     | 1.03      | 0         | 3.369 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 61.9 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 14   | 25     | 45     | 1.027     | -0.023    | 3.369 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 61.9 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 14   | 35     | 45     | 1.033     | -0.016    | 3.369 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 62.4 | 155        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 14   | 45     | 45     | 1.047     | -0.02     | 3.369 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 62.4 | 155        | 157        | 0          | 31     | 32     |
| 2009 | 6     | 14  | 14   | 55     | 45     | 1.027     | -0.007    | 3.369 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 61.5 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 15   | 5      | 45     | 1.033     | -0.013    | 3.369 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 60.6 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 15   | 15     | 45     | 1.073     | -0.003    | 3.369 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 60.6 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 15   | 25     | 45     | 1.024     | -0.03     | 3.369 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 61.5 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 15   | 35     | 45     | 1.07      | -0.039    | 3.369 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 61.1 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 15   | 45     | 45     | 1.053     | -0.03     | 3.369 | 0.013     | 0.01      | 0         | 54.2 | 55   | 61.5 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 15   | 55     | 45     | 1.066     | -0.016    | 3.369 | 0.016     | 0.016     | 0         | 53.8 | 54.2 | 61.1 | 156        | 157        | 0          | 31     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 14  | 16   | 5      | 45     | 1.053     | -0.03     | 3.369 | 0.016     | 0.016     | 0         | 54.2 | 54.2 | 62.8 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 16   | 15     | 45     | 1.066     | -0.007    | 3.369 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 58.5 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 16   | 25     | 45     | 1.043     | 0         | 3.369 | 0.016     | 0.016     | 0         | 54.2 | 55   | 61.9 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 16   | 35     | 45     | 1.093     | -0.023    | 3.369 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 60.6 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 16   | 45     | 45     | 1.027     | -0.016    | 3.366 | 0.016     | 0.016     | 0         | 54.2 | 55   | 61.9 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 16   | 55     | 45     | 1.03      | 0.003     | 3.366 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 60.2 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 17   | 5      | 45     | 1.063     | 0.026     | 3.366 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 59.3 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 17   | 15     | 45     | 1.04      | 0         | 3.366 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 62.4 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 17   | 25     | 45     | 1.063     | 0.02      | 3.366 | 0.013     | 0.01      | 0         | 53.8 | 55   | 60.6 | 156        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 17   | 35     | 45     | 1.033     | 0.013     | 3.366 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.9 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 17   | 45     | 45     | 1.076     | -0.039    | 3.366 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 17   | 55     | 45     | 1.047     | -0.013    | 3.366 | 0.02      | 0.016     | 0         | 54.6 | 54.6 | 61.9 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 18   | 5      | 45     | 1.05      | -0.013    | 3.366 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 62.8 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 18   | 15     | 45     | 1.03      | -0.03     | 3.366 | 0.01      | 0.007     | 0         | 54.6 | 55   | 62.8 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 18   | 25     | 45     | 1.03      | 0.01      | 3.366 | 0.016     | 0.013     | 0         | 54.6 | 55   | 59.8 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 18   | 35     | 45     | 1.086     | -0.016    | 3.366 | 0.01      | 0.007     | 0         | 54.6 | 55   | 61.9 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 18   | 45     | 45     | 1.056     | -0.03     | 3.366 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 59.8 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 18   | 55     | 45     | 1.053     | -0.049    | 3.366 | 0.016     | 0.013     | 0         | 54.6 | 55   | 61.1 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 19   | 5      | 45     | 1.047     | -0.039    | 3.366 | 0.013     | 0.01      | 0         | 54.2 | 55   | 61.1 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 19   | 15     | 45     | 1.03      | 0.007     | 3.366 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.9 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 19   | 25     | 45     | 1.037     | -0.049    | 3.366 | 0.01      | 0.007     | 0         | 54.2 | 55   | 62.4 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 19   | 35     | 45     | 1.043     | -0.02     | 3.366 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 61.5 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 19   | 45     | 45     | 1.07      | -0.03     | 3.366 | 0.013     | 0.01      | 0         | 54.2 | 55   | 63.2 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 19   | 55     | 45     | 1.024     | -0.046    | 3.363 | 0.016     | 0.013     | 0         | 54.2 | 55   | 63.6 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 20   | 5      | 45     | 1.017     | -0.013    | 3.366 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.9 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 20   | 15     | 45     | 1.063     | -0.049    | 3.363 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 20   | 25     | 45     | 1.024     | -0.003    | 3.366 | 0.013     | 0.01      | 0         | 54.2 | 55   | 61.5 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 20   | 35     | 45     | 1.053     | 0.01      | 3.366 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 60.6 | 158        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 20   | 45     | 45     | 1.04      | 0.003     | 3.363 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.5 | 158        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 20   | 55     | 45     | 1.027     | 0         | 3.363 | 0.016     | 0.013     | 0         | 55   | 55   | 61.5 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 21   | 5      | 45     | 1.063     | -0.072    | 3.366 | 0.016     | 0.013     | 0         | 55   | 55   | 60.2 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 21   | 15     | 45     | 1.033     | -0.056    | 3.363 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 61.1 | 157        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 21   | 25     | 45     | 1.04      | -0.049    | 3.363 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.1 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 21   | 35     | 45     | 1.063     | 0.01      | 3.363 | 0.016     | 0.013     | 0         | 55   | 55.5 | 60.6 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 21   | 45     | 45     | 1.027     | -0.016    | 3.363 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 61.9 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 21   | 55     | 45     | 1.043     | -0.052    | 3.366 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.1 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 22   | 5      | 45     | 1.063     | -0.016    | 3.363 | 0.013     | 0.01      | 0         | 54.2 | 55   | 62.4 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 22   | 15     | 45     | 1.04      | -0.03     | 3.363 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 22   | 25     | 45     | 1.083     | -0.02     | 3.363 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 61.9 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 14  | 22   | 35     | 45     | 1.02      | -0.056    | 3.363 | 0.016     | 0.016     | 0         | 54.6 | 55   | 62.8 | 158        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 22   | 45     | 45     | 1.06      | -0.03     | 3.363 | 0.013     | 0.01      | 0         | 54.6 | 55   | 63.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 22   | 55     | 45     | 1.047     | -0.016    | 3.363 | 0.016     | 0.013     | 0         | 54.6 | 55   | 62.8 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 23   | 5      | 45     | 1.03      | -0.033    | 3.363 | 0.02      | 0.016     | 0         | 54.6 | 55.5 | 61.1 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 23   | 15     | 45     | 1.05      | 0.003     | 3.363 | 0.016     | 0.016     | 0         | 54.6 | 55   | 62.4 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 23   | 25     | 45     | 1.024     | -0.03     | 3.363 | 0.016     | 0.013     | 0         | 54.2 | 55   | 61.5 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 23   | 35     | 45     | 1.053     | -0.023    | 3.363 | 0.013     | 0.01      | 0         | 54.6 | 55   | 62.8 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 14  | 23   | 45     | 45     | 1.076     | -0.046    | 3.363 | 0.01      | 0.007     | 0         | 54.2 | 55   | 61.1 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 14  | 23   | 55     | 45     | 1.07      | 0         | 3.363 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 61.1 | 157        | 160        | 0          | 30     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 15  | 0    | 5      | 45     | 1.053     | -0.075    | 3.366 | 0.016     | 0.016     | 0         | 54.2 | 55   | 63.2 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 0    | 15     | 45     | 1.053     | -0.049    | 3.363 | 0.016     | 0.013     | 0         | 54.6 | 55   | 62.4 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 0    | 25     | 45     | 1.05      | -0.043    | 3.363 | 0.013     | 0.01      | 0         | 54.2 | 55   | 61.9 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 0    | 35     | 45     | 1.01      | -0.013    | 3.366 | 0.013     | 0.01      | 0         | 54.6 | 55   | 60.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 0    | 45     | 45     | 1.02      | -0.049    | 3.366 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 61.5 | 157        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 0    | 55     | 45     | 1.02      | 0.01      | 3.366 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 60.6 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 1    | 5      | 45     | 1.07      | -0.033    | 3.366 | 0.016     | 0.013     | 0         | 54.2 | 55   | 62.4 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 1    | 15     | 45     | 1.03      | -0.033    | 3.366 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 61.9 | 157        | 159        | 0          | 30     | 32     |
| 2009 | 6     | 15  | 1    | 25     | 45     | 1.07      | -0.062    | 3.366 | 0.016     | 0.013     | 0         | 54.6 | 55   | 61.9 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 1    | 35     | 45     | 1.06      | -0.026    | 3.366 | 0.013     | 0.01      | 0         | 54.2 | 55.9 | 62.4 | 157        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 1    | 45     | 45     | 1.047     | -0.007    | 3.366 | 0.013     | 0.01      | 0         | 55   | 55.5 | 61.5 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 1    | 55     | 45     | 1.053     | -0.036    | 3.366 | 0.013     | 0.01      | 0         | 55   | 55.5 | 62.4 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 2    | 5      | 45     | 1.01      | -0.039    | 3.366 | 0.013     | 0.01      | 0         | 55   | 55.5 | 61.5 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 2    | 15     | 45     | 1.03      | -0.016    | 3.366 | 0.016     | 0.013     | 0         | 54.2 | 55   | 61.1 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 2    | 25     | 45     | 1.07      | -0.043    | 3.366 | 0.016     | 0.016     | 0         | 54.6 | 55   | 61.9 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 2    | 35     | 45     | 1.04      | -0.056    | 3.366 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 62.8 | 158        | 160        | 0          | 32     | 31     |
| 2009 | 6     | 15  | 2    | 45     | 45     | 1.047     | -0.033    | 3.366 | 0.016     | 0.013     | 0         | 55   | 55.5 | 62.4 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 2    | 55     | 45     | 1.04      | -0.033    | 3.366 | 0.016     | 0.013     | 0         | 54.6 | 55   | 60.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 3    | 5      | 45     | 1.043     | -0.052    | 3.366 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 61.5 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 3    | 15     | 45     | 1.037     | -0.052    | 3.366 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.9 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 3    | 25     | 45     | 1.024     | -0.007    | 3.366 | 0.013     | 0.01      | 0         | 54.6 | 55   | 60.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 3    | 35     | 45     | 1.03      | -0.016    | 3.366 | 0.013     | 0.01      | 0         | 55   | 55.9 | 60.6 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 3    | 45     | 45     | 1.037     | -0.039    | 3.366 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 3    | 55     | 45     | 1.053     | -0.02     | 3.366 | 0.013     | 0.01      | 0         | 54.2 | 55   | 61.5 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 4    | 5      | 45     | 1.037     | -0.036    | 3.366 | 0.016     | 0.013     | 0         | 54.2 | 55   | 61.5 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 4    | 15     | 45     | 1.02      | -0.023    | 3.366 | 0.016     | 0.013     | 0         | 54.6 | 55   | 60.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 4    | 25     | 45     | 1.027     | -0.069    | 3.366 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 60.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 4    | 35     | 45     | 1.027     | -0.003    | 3.366 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 59.8 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 4    | 45     | 45     | 1.047     | 0         | 3.366 | 0.016     | 0.016     | 0         | 55   | 55.5 | 60.6 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 4    | 55     | 45     | 1.004     | -0.01     | 3.366 | 0.016     | 0.013     | 0         | 54.6 | 55   | 61.9 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 5    | 5      | 45     | 1.056     | -0.007    | 3.366 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 60.2 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 5    | 15     | 45     | 1.03      | -0.036    | 3.366 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 60.6 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 5    | 25     | 45     | 1.024     | -0.007    | 3.366 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 59.3 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 5    | 35     | 45     | 1.043     | -0.02     | 3.366 | 0.016     | 0.016     | 0         | 55   | 55.9 | 59.8 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 5    | 45     | 45     | 1.063     | -0.043    | 3.366 | 0.016     | 0.013     | 0         | 55   | 55.9 | 59.3 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 5    | 55     | 45     | 1.017     | -0.033    | 3.366 | 0.013     | 0.01      | 0         | 55   | 55.9 | 59.3 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 6    | 5      | 45     | 1.037     | -0.043    | 3.366 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 59.8 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 6    | 15     | 45     | 0.997     | -0.033    | 3.366 | 0.013     | 0.01      | 0         | 55   | 55.9 | 58.5 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 6    | 25     | 45     | 1.014     | -0.069    | 3.366 | 0.016     | 0.013     | 0         | 55   | 55.9 | 59.3 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 6    | 35     | 45     | 1.056     | -0.026    | 3.366 | 0.016     | 0.013     | 0         | 55   | 55.9 | 59.3 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 6    | 45     | 45     | 1.024     | -0.03     | 3.366 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 60.2 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 6    | 55     | 45     | 1.03      | -0.023    | 3.366 | 0.016     | 0.013     | 0         | 55   | 55.5 | 58.9 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 7    | 5      | 45     | 1.033     | -0.03     | 3.366 | 0.013     | 0.01      | 0         | 55   | 55.9 | 58.5 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 7    | 15     | 45     | 1.056     | -0.049    | 3.366 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 59.3 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 7    | 25     | 45     | 1.056     | -0.056    | 3.366 | 0.016     | 0.016     | 0         | 54.6 | 55.9 | 59.3 | 158        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 7    | 35     | 45     | 1.024     | -0.049    | 3.366 | 0.016     | 0.016     | 0         | 54.2 | 55.5 | 58.5 | 157        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 7    | 45     | 45     | 1.027     | -0.052    | 3.366 | 0.016     | 0.013     | 0         | 54.6 | 55   | 60.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 7    | 55     | 45     | 1.053     | -0.046    | 3.366 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 60.2 | 157        | 160        | 0          | 31     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 15  | 8    | 5      | 45     | 1.056     | -0.046    | 3.366 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 59.8 | 157        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 8    | 15     | 45     | 1.033     | -0.03     | 3.366 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 60.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 8    | 25     | 45     | 1.027     | -0.066    | 3.366 | 0.013     | 0.01      | 0         | 54.2 | 55   | 60.2 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 8    | 35     | 45     | 1.024     | -0.03     | 3.366 | 0.016     | 0.016     | 0         | 54.2 | 55   | 59.8 | 157        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 8    | 45     | 45     | 1.056     | -0.043    | 3.366 | 0.016     | 0.013     | 0         | 54.2 | 55   | 60.6 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 8    | 55     | 45     | 1.014     | -0.052    | 3.366 | 0.016     | 0.013     | 0         | 54.2 | 55   | 61.1 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 9    | 5      | 45     | 1.033     | -0.056    | 3.366 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 60.2 | 157        | 159        | 0          | 31     | 32     |
| 2009 | 6     | 15  | 9    | 15     | 45     | 1.056     | -0.066    | 3.366 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 61.1 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 9    | 25     | 45     | 1.043     | -0.016    | 3.366 | 0.016     | 0.013     | 0         | 54.6 | 55   | 61.1 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 9    | 35     | 45     | 1.047     | -0.033    | 3.366 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 61.1 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 9    | 45     | 45     | 1.06      | -0.072    | 3.366 | 0.016     | 0.013     | 0         | 54.2 | 55.9 | 60.6 | 157        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 9    | 55     | 45     | 1.04      | -0.033    | 3.366 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 60.6 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 10   | 5      | 45     | 1.01      | -0.013    | 3.366 | 0.016     | 0.013     | 0         | 53.8 | 55   | 61.9 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 10   | 15     | 45     | 1.063     | -0.033    | 3.366 | 0.013     | 0.01      | 0         | 54.6 | 55   | 60.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 10   | 25     | 45     | 1.05      | -0.013    | 3.366 | 0.016     | 0.013     | 0         | 53.8 | 55   | 61.9 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 10   | 35     | 45     | 1.037     | -0.049    | 3.366 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 61.5 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 10   | 45     | 45     | 1.01      | -0.003    | 3.363 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 61.9 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 10   | 55     | 45     | 1.06      | 0         | 3.366 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 61.9 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 11   | 5      | 45     | 1.047     | -0.03     | 3.366 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 62.4 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 11   | 15     | 45     | 1.004     | -0.033    | 3.366 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 61.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 11   | 25     | 45     | 1.05      | -0.026    | 3.366 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 61.5 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 11   | 35     | 45     | 1.056     | -0.066    | 3.366 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 63.2 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 11   | 45     | 45     | 1.04      | -0.01     | 3.366 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 61.1 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 11   | 55     | 45     | 1.043     | -0.016    | 3.366 | 0.016     | 0.013     | 0         | 53.8 | 55   | 60.6 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 12   | 5      | 45     | 1.024     | -0.026    | 3.366 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 61.9 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 12   | 15     | 45     | 1.014     | -0.03     | 3.363 | 0.016     | 0.013     | 0         | 53.3 | 55   | 59.8 | 155        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 12   | 25     | 45     | 1.02      | -0.013    | 3.366 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 60.6 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 12   | 35     | 45     | 1.05      | 0.003     | 3.366 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 60.2 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 12   | 45     | 45     | 1.033     | -0.01     | 3.363 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 61.1 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 12   | 55     | 45     | 1.004     | 0.007     | 3.363 | 0.016     | 0.013     | 0         | 54.2 | 55   | 57.2 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 13   | 5      | 45     | 1.047     | 0.003     | 3.363 | 0.013     | 0.01      | 0         | 54.2 | 55   | 60.6 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 13   | 15     | 45     | 1.014     | -0.026    | 3.363 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 58   | 156        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 13   | 25     | 45     | 1.027     | -0.013    | 3.36  | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 55   | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 13   | 35     | 45     | 1.05      | -0.033    | 3.36  | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 59.3 | 155        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 13   | 45     | 45     | 1.037     | 0         | 3.36  | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 54.6 | 155        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 13   | 55     | 45     | 0.994     | -0.03     | 3.36  | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 54.6 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 14   | 5      | 45     | 1.03      | -0.02     | 3.36  | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 57.2 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 14   | 15     | 45     | 1.03      | 0         | 3.36  | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 56.3 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 14   | 25     | 45     | 1.066     | -0.033    | 3.356 | 0.013     | 0.01      | 0         | 53.8 | 55   | 52.5 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 14   | 35     | 45     | 1.037     | -0.02     | 3.356 | 0.02      | 0.016     | 0         | 54.2 | 54.2 | 55.9 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 14   | 45     | 45     | 1.033     | 0.007     | 3.353 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 55   | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 14   | 55     | 45     | 1.027     | -0.013    | 3.353 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 54.6 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 15   | 5      | 45     | 1.05      | -0.016    | 3.353 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 52.9 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 15   | 15     | 45     | 1.03      | 0.01      | 3.353 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 46.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 15   | 25     | 45     | 1.033     | -0.033    | 3.35  | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 45.6 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 15   | 35     | 45     | 1.03      | -0.062    | 3.35  | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 56.8 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 15   | 45     | 45     | 1.01      | -0.039    | 3.35  | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 53.3 | 156        | 158        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 15   | 55     | 45     | 0.997     | 0.007     | 3.346 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 53.3 | 156        | 157        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 15  | 16   | 5      | 45     | 1.04      | -0.023    | 3.346 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 57.6 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 16   | 15     | 45     | 1.053     | -0.02     | 3.346 | 0.016     | 0.013     | 0         | 54.6 | 55   | 52   | 156        | 158        | 0          | 29     | 30     |
| 2009 | 6     | 15  | 16   | 25     | 45     | 1.024     | -0.013    | 3.343 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 54.2 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 16   | 35     | 45     | 1.014     | -0.01     | 3.343 | 0.016     | 0.013     | 0         | 54.2 | 55   | 53.8 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 16   | 45     | 45     | 0.994     | -0.036    | 3.343 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 53.3 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 16   | 55     | 45     | 1.04      | -0.039    | 3.343 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 46.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 17   | 5      | 45     | 1.03      | -0.013    | 3.343 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 53.3 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 17   | 15     | 45     | 1.017     | -0.039    | 3.34  | 0.013     | 0.01      | 0         | 54.2 | 55   | 44.7 | 156        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 17   | 25     | 45     | 1.01      | -0.026    | 3.343 | 0.013     | 0.01      | 0         | 54.6 | 55   | 45.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 17   | 35     | 45     | 1.037     | -0.003    | 3.34  | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 51.2 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 17   | 45     | 45     | 1.014     | -0.013    | 3.34  | 0.016     | 0.016     | 0         | 54.6 | 55   | 44.7 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 17   | 55     | 45     | 1.001     | -0.023    | 3.34  | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 53.3 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 18   | 5      | 45     | 0.981     | -0.03     | 3.337 | 0.013     | 0.01      | 0         | 54.2 | 55   | 54.2 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 18   | 15     | 45     | 1.024     | -0.043    | 3.337 | 0.02      | 0.016     | 0         | 54.2 | 54.6 | 53.3 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 18   | 25     | 45     | 1.05      | -0.007    | 3.34  | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 56.3 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 18   | 35     | 45     | 1.05      | -0.033    | 3.337 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 58   | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 18   | 45     | 45     | 0.997     | -0.01     | 3.337 | 0.016     | 0.013     | 0         | 53.8 | 55   | 58.5 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 18   | 55     | 45     | 0.997     | -0.013    | 3.337 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 58.5 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 19   | 5      | 45     | 1.03      | -0.062    | 3.337 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 58.9 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 19   | 15     | 45     | 1.02      | -0.016    | 3.337 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 58.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 19   | 25     | 45     | 1.02      | -0.033    | 3.337 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 58.9 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 19   | 35     | 45     | 1.027     | -0.013    | 3.337 | 0.013     | 0.01      | 0         | 54.2 | 55   | 57.2 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 19   | 45     | 45     | 1.014     | -0.052    | 3.337 | 0.016     | 0.013     | 0         | 54.2 | 55   | 59.3 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 19   | 55     | 45     | 1.04      | -0.003    | 3.333 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 60.6 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 20   | 5      | 45     | 1.04      | -0.003    | 3.333 | 0.016     | 0.013     | 0         | 54.2 | 55   | 60.6 | 157        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 20   | 15     | 45     | 1.024     | -0.043    | 3.333 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 61.1 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 20   | 25     | 45     | 1.014     | -0.069    | 3.337 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 60.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 20   | 35     | 45     | 1.014     | -0.059    | 3.333 | 0.013     | 0.01      | 0         | 54.6 | 55   | 59.8 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 20   | 45     | 45     | 1.02      | -0.049    | 3.333 | 0.016     | 0.013     | 0         | 55   | 55.9 | 57.6 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 20   | 55     | 45     | 1.037     | -0.03     | 3.333 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 58.5 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 21   | 5      | 45     | 1.01      | -0.059    | 3.333 | 0.013     | 0.01      | 0         | 55   | 55.9 | 59.8 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 21   | 15     | 45     | 1.014     | -0.056    | 3.333 | 0.013     | 0.01      | 0         | 55   | 55.9 | 60.6 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 21   | 25     | 45     | 1.043     | -0.059    | 3.333 | 0.013     | 0.01      | 0         | 55   | 55.9 | 59.8 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 21   | 35     | 45     | 0.984     | -0.039    | 3.333 | 0.016     | 0.013     | 0         | 55   | 55.5 | 60.2 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 21   | 45     | 45     | 0.997     | -0.043    | 3.333 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 58.5 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 21   | 55     | 45     | 1.027     | -0.043    | 3.333 | 0.013     | 0.01      | 0         | 55   | 55.5 | 60.2 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 22   | 5      | 45     | 1.014     | -0.043    | 3.333 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 59.8 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 22   | 15     | 45     | 1.014     | -0.059    | 3.333 | 0.02      | 0.016     | 0         | 54.6 | 55.5 | 57.6 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 22   | 25     | 45     | 1.053     | -0.049    | 3.333 | 0.016     | 0.016     | 0         | 55   | 55.9 | 59.8 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 22   | 35     | 45     | 1.073     | -0.046    | 3.33  | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 61.5 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 15  | 22   | 45     | 45     | 1.024     | -0.03     | 3.33  | 0.01      | 0.007     | 0         | 55   | 55   | 59.8 | 158        | 160        | 0          | 30     | 32     |
| 2009 | 6     | 15  | 22   | 55     | 45     | 1.033     | -0.026    | 3.33  | 0.016     | 0.013     | 0         | 55   | 55.5 | 60.2 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 23   | 5      | 45     | 1.03      | -0.02     | 3.33  | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 60.2 | 157        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 23   | 15     | 45     | 1.004     | -0.033    | 3.33  | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 60.2 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 23   | 25     | 45     | 1.004     | -0.049    | 3.33  | 0.016     | 0.013     | 0         | 55   | 55   | 60.6 | 157        | 159        | 0          | 29     | 31     |
| 2009 | 6     | 15  | 23   | 35     | 45     | 1.014     | -0.046    | 3.33  | 0.01      | 0.007     | 0         | 54.6 | 55   | 60.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 15  | 23   | 45     | 45     | 1.033     | -0.052    | 3.33  | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 59.8 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 15  | 23   | 55     | 45     | 0.991     | -0.089    | 3.33  | 0.02      | 0.016     | 0         | 54.6 | 55   | 60.6 | 157        | 159        | 0          | 30     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 16  | 0    | 5      | 45     | 1.007     | -0.062    | 3.33  | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 60.2 | 157        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 0    | 15     | 45     | 1.024     | -0.043    | 3.33  | 0.016     | 0.013     | 0         | 54.6 | 55   | 60.6 | 158        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 0    | 25     | 45     | 1.047     | -0.049    | 3.33  | 0.016     | 0.013     | 0         | 54.2 | 55   | 60.2 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 0    | 35     | 45     | 1.001     | -0.079    | 3.33  | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.1 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 0    | 45     | 45     | 1.001     | -0.016    | 3.33  | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 60.6 | 157        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 0    | 55     | 45     | 1.043     | -0.02     | 3.33  | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 61.5 | 157        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 1    | 5      | 45     | 1.014     | -0.03     | 3.33  | 0.013     | 0.01      | 0         | 54.2 | 55.9 | 62.4 | 157        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 1    | 15     | 45     | 0.994     | -0.016    | 3.33  | 0.016     | 0.013     | 0         | 55   | 55.5 | 61.9 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 1    | 25     | 45     | 1.047     | -0.059    | 3.327 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 59.8 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 1    | 35     | 45     | 1.01      | -0.066    | 3.33  | 0.016     | 0.013     | 0         | 54.2 | 55   | 60.2 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 1    | 45     | 45     | 1.004     | -0.043    | 3.327 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 59.8 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 1    | 55     | 45     | 1.01      | -0.026    | 3.327 | 0.016     | 0.013     | 0         | 54.6 | 55   | 59.3 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 2    | 5      | 45     | 0.978     | -0.046    | 3.327 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 59.8 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 2    | 15     | 45     | 1.014     | -0.013    | 3.327 | 0.013     | 0.01      | 0         | 55   | 55.9 | 59.8 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 2    | 25     | 45     | 1.056     | -0.075    | 3.33  | 0.013     | 0.01      | 0         | 55   | 55.9 | 61.5 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 2    | 35     | 45     | 1.01      | -0.079    | 3.327 | 0.016     | 0.013     | 0         | 55   | 55.5 | 60.6 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 2    | 45     | 45     | 1.001     | -0.03     | 3.327 | 0.013     | 0.01      | 0         | 55   | 55.5 | 59.3 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 2    | 55     | 45     | 1.024     | -0.062    | 3.327 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 61.5 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 3    | 5      | 45     | 1.007     | -0.043    | 3.327 | 0.013     | 0.01      | 0         | 55   | 55.5 | 60.6 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 3    | 15     | 45     | 1.033     | -0.046    | 3.327 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.5 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 3    | 25     | 45     | 0.971     | -0.049    | 3.327 | 0.016     | 0.013     | 0         | 55   | 55.9 | 61.5 | 158        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 3    | 35     | 45     | 1.02      | -0.059    | 3.327 | 0.016     | 0.013     | 0         | 55   | 55.5 | 61.5 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 3    | 45     | 45     | 0.974     | -0.026    | 3.327 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 61.5 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 3    | 55     | 45     | 1.04      | -0.072    | 3.327 | 0.016     | 0.016     | 0         | 55   | 56.3 | 61.1 | 159        | 161        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 4    | 5      | 45     | 0.994     | -0.03     | 3.327 | 0.013     | 0.01      | 0         | 55   | 55.9 | 62.8 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 4    | 15     | 45     | 1.004     | -0.02     | 3.327 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 61.5 | 158        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 4    | 25     | 45     | 1.02      | -0.007    | 3.327 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 61.5 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 4    | 35     | 45     | 1.014     | -0.066    | 3.327 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 61.5 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 4    | 45     | 45     | 1.07      | -0.03     | 3.327 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.5 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 4    | 55     | 45     | 1.004     | -0.03     | 3.327 | 0.013     | 0.01      | 0         | 55   | 55.9 | 60.6 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 5    | 5      | 45     | 0.994     | -0.023    | 3.327 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 61.1 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 5    | 15     | 45     | 1.014     | -0.023    | 3.327 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 59.3 | 159        | 161        | 0          | 30     | 32     |
| 2009 | 6     | 16  | 5    | 25     | 45     | 1.033     | -0.052    | 3.33  | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 59.8 | 159        | 162        | 0          | 30     | 32     |
| 2009 | 6     | 16  | 5    | 35     | 45     | 0.991     | -0.043    | 3.33  | 0.016     | 0.013     | 0         | 55   | 55.9 | 60.6 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 5    | 45     | 45     | 0.988     | -0.056    | 3.33  | 0.016     | 0.013     | 0         | 55   | 55.9 | 60.2 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 5    | 55     | 45     | 1.02      | -0.03     | 3.33  | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 59.8 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 6    | 5      | 45     | 1.03      | -0.033    | 3.33  | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 59.8 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 6    | 15     | 45     | 1.02      | -0.069    | 3.33  | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 59.8 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 6    | 25     | 45     | 1.02      | -0.03     | 3.327 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 59.8 | 159        | 161        | 0          | 30     | 32     |
| 2009 | 6     | 16  | 6    | 35     | 45     | 1.01      | -0.046    | 3.33  | 0.016     | 0.013     | 0         | 54.6 | 55   | 59.3 | 158        | 160        | 0          | 31     | 32     |
| 2009 | 6     | 16  | 6    | 45     | 45     | 1.04      | 0         | 3.327 | 0.01      | 0.007     | 0         | 55   | 55.9 | 59.3 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 6    | 55     | 45     | 1.017     | -0.033    | 3.327 | 0.013     | 0.01      | 0         | 55   | 55.9 | 59.8 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 7    | 5      | 45     | 1.017     | -0.056    | 3.327 | 0.016     | 0.016     | 0         | 54.6 | 55   | 60.6 | 158        | 160        | 0          | 31     | 32     |
| 2009 | 6     | 16  | 7    | 15     | 45     | 0.981     | -0.056    | 3.327 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 59.3 | 158        | 160        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 7    | 25     | 45     | 0.991     | -0.013    | 3.327 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.1 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 7    | 35     | 45     | 0.994     | -0.013    | 3.327 | 0.016     | 0.013     | 0         | 54.2 | 55   | 60.2 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 7    | 45     | 45     | 1.004     | -0.079    | 3.327 | 0.016     | 0.013     | 0         | 54.6 | 55   | 60.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 7    | 55     | 45     | 0.997     | -0.075    | 3.327 | 0.016     | 0.013     | 0         | 54.6 | 55   | 61.1 | 157        | 159        | 0          | 30     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 16  | 8    | 5      | 45     | 1.017     | -0.03     | 3.327 | 0.01      | 0.007     | 0         | 53.8 | 55   | 61.5 | 156        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 8    | 15     | 45     | 1.014     | -0.059    | 3.327 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 60.2 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 8    | 25     | 45     | 1.007     | -0.049    | 3.33  | 0.016     | 0.016     | 0         | 53.8 | 54.6 | 60.6 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 8    | 35     | 45     | 1.047     | -0.03     | 3.327 | 0.016     | 0.013     | 0         | 53.8 | 55   | 61.5 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 8    | 45     | 45     | 0.978     | -0.03     | 3.327 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 60.6 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 8    | 55     | 45     | 1.014     | -0.03     | 3.327 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 59.8 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 9    | 5      | 45     | 1.017     | -0.062    | 3.327 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 61.5 | 155        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 9    | 15     | 45     | 1.007     | -0.072    | 3.327 | 0.016     | 0.016     | 0         | 53.3 | 54.2 | 61.5 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 9    | 25     | 45     | 1.004     | -0.043    | 3.327 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 60.6 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 9    | 35     | 45     | 1.007     | -0.039    | 3.327 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 61.1 | 155        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 9    | 45     | 45     | 0.997     | -0.056    | 3.327 | 0.016     | 0.016     | 0         | 53.8 | 55   | 62.8 | 155        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 9    | 55     | 45     | 1.027     | -0.01     | 3.327 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 61.1 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 10   | 5      | 45     | 1.02      | -0.043    | 3.327 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 60.6 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 10   | 15     | 45     | 1.017     | -0.013    | 3.327 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 61.1 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 10   | 25     | 45     | 1.001     | -0.03     | 3.327 | 0.013     | 0.01      | 0         | 53.3 | 55   | 58.9 | 155        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 10   | 35     | 45     | 0.994     | -0.052    | 3.327 | 0.016     | 0.016     | 0         | 53.3 | 54.2 | 61.1 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 10   | 45     | 45     | 1.01      | -0.059    | 3.327 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 60.6 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 10   | 55     | 45     | 1.007     | -0.066    | 3.327 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 60.6 | 155        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 11   | 5      | 45     | 1.014     | -0.039    | 3.327 | 0.01      | 0.007     | 0         | 53.3 | 54.6 | 61.5 | 155        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 11   | 15     | 45     | 0.991     | -0.059    | 3.327 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 60.6 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 11   | 25     | 45     | 1.047     | -0.072    | 3.327 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 60.2 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 11   | 35     | 45     | 1.004     | -0.023    | 3.327 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 62.4 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 11   | 45     | 45     | 1.001     | -0.059    | 3.327 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 62.4 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 11   | 55     | 45     | 0.984     | -0.013    | 3.327 | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 62.4 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 12   | 5      | 45     | 0.978     | -0.013    | 3.327 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 61.5 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 12   | 15     | 45     | 0.991     | 0         | 3.327 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 61.1 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 12   | 25     | 45     | 1.017     | -0.036    | 3.327 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 62.4 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 12   | 35     | 45     | 1.033     | -0.036    | 3.327 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 62.4 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 12   | 45     | 45     | 1.027     | -0.03     | 3.327 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 62.4 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 12   | 55     | 45     | 0.997     | -0.033    | 3.327 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 62.4 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 13   | 5      | 45     | 0.997     | -0.016    | 3.327 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 63.6 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 13   | 15     | 45     | 1.014     | -0.03     | 3.327 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 62.8 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 13   | 25     | 45     | 0.988     | -0.023    | 3.327 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 62.8 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 13   | 35     | 45     | 1.014     | -0.013    | 3.327 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 63.2 | 155        | 157        | 0          | 29     | 31     |
| 2009 | 6     | 16  | 13   | 45     | 45     | 1.01      | -0.033    | 3.327 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 62.4 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 13   | 55     | 45     | 1.001     | -0.03     | 3.327 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 63.2 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 14   | 5      | 45     | 1.001     | -0.039    | 3.327 | 0.01      | 0.007     | 0         | 52.9 | 53.8 | 63.2 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 14   | 15     | 45     | 1.007     | -0.026    | 3.327 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 64.5 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 14   | 25     | 45     | 1.004     | -0.072    | 3.327 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 63.2 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 14   | 35     | 45     | 0.965     | -0.036    | 3.327 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 64.1 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 14   | 45     | 45     | 1.01      | -0.056    | 3.327 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 64.1 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 14   | 55     | 45     | 1.02      | -0.013    | 3.327 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 60.6 | 155        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 15   | 5      | 45     | 0.991     | -0.026    | 3.327 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 63.6 | 155        | 157        | 0          | 30     | 32     |
| 2009 | 6     | 16  | 15   | 15     | 45     | 0.994     | 0         | 3.327 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 61.9 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 15   | 25     | 45     | 1.037     | -0.036    | 3.327 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 61.9 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 15   | 35     | 45     | 1.01      | 0         | 3.323 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 61.9 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 15   | 45     | 45     | 1.007     | -0.033    | 3.323 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 62.4 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 15   | 55     | 45     | 1.01      | -0.01     | 3.323 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 62.8 | 155        | 157        | 0          | 31     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 16  | 16   | 5      | 45     | 1.02      | -0.026    | 3.323 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 62.8 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 16   | 15     | 45     | 1.027     | -0.033    | 3.323 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 61.5 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 16   | 25     | 45     | 1.014     | -0.01     | 3.323 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 60.6 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 16   | 35     | 45     | 1.017     | -0.007    | 3.32  | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 59.3 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 16   | 45     | 45     | 1.017     | -0.016    | 3.32  | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 58   | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 16   | 55     | 45     | 1.024     | -0.03     | 3.32  | 0.013     | 0.01      | 0         | 54.2 | 55   | 56.3 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 17   | 5      | 45     | 1.007     | -0.007    | 3.32  | 0.016     | 0.013     | 0         | 53.8 | 55   | 60.2 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 17   | 15     | 45     | 1.001     | -0.066    | 3.32  | 0.016     | 0.013     | 0         | 53.8 | 55   | 59.3 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 17   | 25     | 45     | 1.017     | -0.059    | 3.32  | 0.013     | 0.01      | 0         | 54.2 | 55   | 59.3 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 17   | 35     | 45     | 1.001     | -0.016    | 3.317 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 59.3 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 17   | 45     | 45     | 0.997     | 0.01      | 3.317 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 59.8 | 155        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 17   | 55     | 45     | 1.024     | -0.023    | 3.317 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 60.2 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 18   | 5      | 45     | 1.024     | -0.036    | 3.314 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 61.1 | 155        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 18   | 15     | 45     | 0.991     | -0.016    | 3.314 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 59.3 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 18   | 25     | 45     | 0.978     | -0.02     | 3.314 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 58.9 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 18   | 35     | 45     | 1.014     | 0.01      | 3.31  | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 61.1 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 18   | 45     | 45     | 0.991     | -0.059    | 3.31  | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 60.2 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 18   | 55     | 45     | 0.984     | -0.007    | 3.31  | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 59.8 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 19   | 5      | 45     | 1.017     | -0.066    | 3.314 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 58.9 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 19   | 15     | 45     | 0.978     | -0.01     | 3.31  | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 58   | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 19   | 25     | 45     | 1.001     | -0.075    | 3.31  | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 59.8 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 19   | 35     | 45     | 0.978     | -0.033    | 3.31  | 0.016     | 0.016     | 0         | 53.8 | 54.2 | 58.9 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 19   | 45     | 45     | 1.001     | -0.013    | 3.31  | 0.013     | 0.01      | 0         | 53.8 | 55   | 56.3 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 16  | 19   | 55     | 45     | 0.994     | 0.007     | 3.31  | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 59.3 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 20   | 5      | 45     | 1.027     | -0.056    | 3.31  | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 58.5 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 20   | 15     | 45     | 1.02      | -0.039    | 3.31  | 0.016     | 0.016     | 0         | 53.8 | 54.6 | 59.8 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 20   | 25     | 45     | 1.007     | -0.016    | 3.31  | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 59.8 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 20   | 35     | 45     | 0.971     | -0.01     | 3.31  | 0.016     | 0.013     | 0         | 53.8 | 55   | 60.2 | 155        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 20   | 45     | 45     | 0.981     | -0.02     | 3.31  | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 59.8 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 20   | 55     | 45     | 0.991     | -0.003    | 3.31  | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 58.9 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 21   | 5      | 45     | 1.017     | -0.026    | 3.31  | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 60.2 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 21   | 15     | 45     | 0.991     | -0.062    | 3.31  | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 59.8 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 21   | 25     | 45     | 1.03      | 0.007     | 3.31  | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 57.2 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 21   | 35     | 45     | 0.965     | -0.046    | 3.31  | 0.013     | 0.01      | 0         | 54.2 | 55   | 59.8 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 21   | 45     | 45     | 0.994     | -0.043    | 3.31  | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 58.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 21   | 55     | 45     | 1.014     | -0.059    | 3.31  | 0.016     | 0.016     | 0         | 53.8 | 54.6 | 57.6 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 22   | 5      | 45     | 0.994     | -0.033    | 3.31  | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 58.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 22   | 15     | 45     | 0.994     | -0.023    | 3.31  | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 58   | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 22   | 25     | 45     | 1.007     | -0.003    | 3.31  | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 58   | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 22   | 35     | 45     | 1.001     | -0.016    | 3.31  | 0.016     | 0.016     | 0         | 53.3 | 54.6 | 58.9 | 155        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 22   | 45     | 45     | 1.04      | 0         | 3.31  | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 59.3 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 22   | 55     | 45     | 0.997     | -0.043    | 3.31  | 0.016     | 0.013     | 0         | 54.2 | 55   | 58.5 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 23   | 5      | 45     | 0.997     | 0         | 3.31  | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 60.2 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 23   | 15     | 45     | 0.997     | -0.02     | 3.31  | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 59.8 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 23   | 25     | 45     | 1.017     | -0.043    | 3.31  | 0.016     | 0.016     | 0         | 53.8 | 54.6 | 60.6 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 23   | 35     | 45     | 1.001     | -0.016    | 3.31  | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 60.2 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 16  | 23   | 45     | 45     | 0.981     | -0.03     | 3.31  | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 59.8 | 156        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 16  | 23   | 55     | 45     | 0.994     | -0.039    | 3.31  | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 61.1 | 156        | 158        | 0          | 30     | 31     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 17  | 0    | 5      | 45     | 0.974     | 0.003     | 3.31  | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 59.8 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 0    | 15     | 45     | 1.047     | -0.049    | 3.31  | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 59.8 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 0    | 25     | 45     | 1.014     | -0.007    | 3.31  | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 59.8 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 0    | 35     | 45     | 0.955     | -0.059    | 3.31  | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 60.2 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 0    | 45     | 45     | 1.014     | -0.066    | 3.307 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 60.2 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 0    | 55     | 45     | 1.001     | -0.043    | 3.31  | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 59.8 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 1    | 5      | 45     | 0.978     | -0.049    | 3.31  | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 60.6 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 1    | 15     | 45     | 1.02      | -0.056    | 3.31  | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 59.3 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 1    | 25     | 45     | 0.981     | -0.062    | 3.31  | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 60.2 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 1    | 35     | 45     | 0.981     | -0.023    | 3.31  | 0.016     | 0.016     | 0         | 53.8 | 54.6 | 59.3 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 1    | 45     | 45     | 0.994     | -0.036    | 3.31  | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 61.1 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 1    | 55     | 45     | 0.981     | -0.043    | 3.31  | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 59.8 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 2    | 5      | 45     | 0.994     | -0.049    | 3.31  | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 61.1 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 2    | 15     | 45     | 0.974     | -0.03     | 3.31  | 0.013     | 0.01      | 0         | 54.2 | 55   | 61.1 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 2    | 25     | 45     | 1.01      | -0.043    | 3.31  | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 59.3 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 2    | 35     | 45     | 1.014     | -0.039    | 3.31  | 0.013     | 0.01      | 0         | 54.2 | 55   | 59.8 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 2    | 45     | 45     | 0.965     | -0.023    | 3.31  | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 60.6 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 2    | 55     | 45     | 0.955     | -0.039    | 3.31  | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 60.6 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 3    | 5      | 45     | 1.004     | 0         | 3.314 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 60.2 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 3    | 15     | 45     | 0.942     | -0.02     | 3.31  | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 61.1 | 156        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 3    | 25     | 45     | 1.014     | -0.049    | 3.314 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 61.1 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 3    | 35     | 45     | 0.955     | 0         | 3.314 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 60.2 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 3    | 45     | 45     | 0.978     | -0.052    | 3.314 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 61.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 3    | 55     | 45     | 1.02      | -0.03     | 3.314 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 60.6 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 4    | 5      | 45     | 1.007     | -0.039    | 3.314 | 0.016     | 0.016     | 0         | 53.8 | 54.6 | 61.5 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 4    | 15     | 45     | 0.974     | -0.01     | 3.314 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 61.5 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 4    | 25     | 45     | 0.994     | -0.062    | 3.314 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 62.4 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 4    | 35     | 45     | 1.001     | -0.02     | 3.314 | 0.02      | 0.016     | 0         | 54.2 | 54.6 | 61.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 4    | 45     | 45     | 0.991     | -0.033    | 3.314 | 0.016     | 0.016     | 0         | 53.8 | 54.6 | 60.6 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 4    | 55     | 45     | 1.027     | -0.043    | 3.314 | 0.016     | 0.016     | 0         | 54.2 | 55   | 61.1 | 156        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 5    | 5      | 45     | 0.984     | -0.052    | 3.314 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 62.8 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 5    | 15     | 45     | 0.955     | -0.059    | 3.314 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 61.5 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 5    | 25     | 45     | 1.017     | -0.03     | 3.314 | 0.016     | 0.013     | 0         | 54.6 | 55   | 61.9 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 5    | 35     | 45     | 1.007     | -0.043    | 3.314 | 0.016     | 0.013     | 0         | 54.2 | 55   | 62.4 | 156        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 5    | 45     | 45     | 0.984     | -0.03     | 3.314 | 0.016     | 0.013     | 0         | 54.2 | 55   | 60.6 | 156        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 5    | 55     | 45     | 0.981     | -0.043    | 3.314 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 61.5 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 6    | 5      | 45     | 0.978     | -0.052    | 3.314 | 0.016     | 0.013     | 0         | 54.6 | 55   | 61.9 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 6    | 15     | 45     | 1.007     | -0.007    | 3.314 | 0.016     | 0.013     | 0         | 54.2 | 55   | 60.2 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 6    | 25     | 45     | 1.017     | -0.039    | 3.314 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.9 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 6    | 35     | 45     | 0.981     | -0.059    | 3.314 | 0.013     | 0.01      | 0         | 53.8 | 55   | 63.2 | 156        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 6    | 45     | 45     | 1.001     | -0.02     | 3.314 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 61.9 | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 17  | 6    | 55     | 45     | 0.965     | -0.033    | 3.314 | 0.013     | 0.01      | 0         | 53.8 | 55.5 | 62.8 | 156        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 7    | 5      | 45     | 0.997     | -0.007    | 3.314 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 63.2 | 156        | 159        | 0          | 30     | 32     |
| 2009 | 6     | 17  | 7    | 15     | 45     | 1.001     | -0.043    | 3.314 | 0.016     | 0.013     | 0         | 54.2 | 55   | 62.4 | 156        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 7    | 25     | 45     | 0.997     | -0.062    | 3.314 | 0.013     | 0.01      | 0         | 54.2 | 55   | 60.6 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 7    | 35     | 45     | 1.001     | -0.039    | 3.314 | 0.016     | 0.013     | 0         | 53.8 | 55   | 62.4 | 156        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 7    | 45     | 45     | 1.001     | -0.043    | 3.314 | 0.016     | 0.013     | 0         | 54.2 | 55   | 63.2 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 7    | 55     | 45     | 0.971     | -0.075    | 3.314 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 63.6 | 156        | 158        | 0          | 31     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 17  | 8    | 5      | 45     | 0.974     | -0.039    | 3.317 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 63.6 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 8    | 15     | 45     | 0.968     | -0.089    | 3.317 | 0.016     | 0.016     | 0         | 53.3 | 54.6 | 63.2 | 155        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 8    | 25     | 45     | 0.951     | -0.085    | 3.314 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 63.2 | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 17  | 8    | 35     | 45     | 0.978     | -0.059    | 3.317 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 63.2 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 8    | 45     | 45     | 0.994     | -0.059    | 3.314 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 62.8 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 8    | 55     | 45     | 0.994     | -0.085    | 3.317 | 0.013     | 0.01      | 0         | 53.8 | 55   | 63.2 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 9    | 5      | 45     | 0.994     | -0.03     | 3.317 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 62.8 | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 17  | 9    | 15     | 45     | 0.994     | -0.03     | 3.317 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 61.5 | 155        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 9    | 25     | 45     | 0.988     | -0.046    | 3.317 | 0.016     | 0.013     | 0         | 53.3 | 55   | 62.8 | 155        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 9    | 35     | 45     | 0.974     | -0.072    | 3.317 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 63.6 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 9    | 45     | 45     | 0.981     | -0.043    | 3.317 | 0.01      | 0.007     | 0         | 53.3 | 55   | 63.2 | 155        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 9    | 55     | 45     | 0.991     | -0.033    | 3.317 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 63.6 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 10   | 5      | 45     | 0.991     | -0.085    | 3.317 | 0.016     | 0.016     | 0         | 53.8 | 54.2 | 62.8 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 10   | 15     | 45     | 1.004     | -0.046    | 3.317 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 63.6 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 10   | 25     | 45     | 1.01      | -0.026    | 3.317 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 62.4 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 10   | 35     | 45     | 0.984     | -0.046    | 3.317 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 62.8 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 10   | 45     | 45     | 0.994     | -0.026    | 3.317 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 62.4 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 10   | 55     | 45     | 1.007     | -0.046    | 3.317 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 63.2 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 11   | 5      | 45     | 0.968     | -0.052    | 3.317 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 61.5 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 11   | 15     | 45     | 0.991     | -0.043    | 3.317 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 62.4 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 11   | 25     | 45     | 0.997     | -0.016    | 3.317 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 60.2 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 11   | 35     | 45     | 1.024     | -0.03     | 3.317 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 62.4 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 11   | 45     | 45     | 1.024     | -0.01     | 3.317 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 60.6 | 154        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 11   | 55     | 45     | 0.988     | -0.043    | 3.317 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 61.1 | 154        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 12   | 5      | 45     | 0.984     | -0.02     | 3.317 | 0.016     | 0.016     | 0         | 53.3 | 54.2 | 61.5 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 12   | 15     | 45     | 0.994     | -0.016    | 3.317 | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 59.8 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 12   | 25     | 45     | 0.994     | -0.023    | 3.317 | 0.016     | 0.016     | 0         | 53.3 | 53.8 | 60.2 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 12   | 35     | 45     | 0.988     | -0.036    | 3.317 | 0.016     | 0.013     | 0         | 52.9 | 54.2 | 60.2 | 154        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 12   | 45     | 45     | 1.007     | -0.01     | 3.314 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 59.3 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 12   | 55     | 45     | 0.997     | -0.043    | 3.314 | 0.016     | 0.013     | 0         | 52.9 | 53.8 | 59.8 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 13   | 5      | 45     | 1.017     | -0.066    | 3.31  | 0.02      | 0.016     | 0         | 53.3 | 54.2 | 58.5 | 154        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 13   | 15     | 45     | 1.007     | 0.01      | 3.307 | 0.016     | 0.013     | 0         | 53.3 | 53.8 | 57.6 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 13   | 25     | 45     | 1.001     | -0.059    | 3.307 | 0.013     | 0.01      | 0         | 52.9 | 54.2 | 58.5 | 154        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 13   | 35     | 45     | 1.027     | -0.059    | 3.307 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 60.2 | 154        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 13   | 45     | 45     | 1.01      | -0.043    | 3.307 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 60.2 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 13   | 55     | 45     | 1.047     | -0.026    | 3.307 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 58.9 | 154        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 14   | 5      | 45     | 1.007     | -0.056    | 3.307 | 0.016     | 0.016     | 0         | 53.3 | 54.2 | 60.2 | 154        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 14   | 15     | 45     | 0.968     | -0.056    | 3.304 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 59.8 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 14   | 25     | 45     | 1.004     | -0.036    | 3.307 | 0.016     | 0.016     | 0         | 53.3 | 54.2 | 58.9 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 14   | 35     | 45     | 1.01      | -0.052    | 3.304 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 59.3 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 14   | 45     | 45     | 1.004     | -0.036    | 3.304 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 59.3 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 14   | 55     | 45     | 1.027     | -0.039    | 3.304 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 59.3 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 15   | 5      | 45     | 0.981     | -0.007    | 3.307 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 58.9 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 15   | 15     | 45     | 1.007     | -0.007    | 3.304 | 0.016     | 0.016     | 0         | 53.8 | 54.6 | 59.3 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 15   | 25     | 45     | 0.988     | 0         | 3.304 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 58.9 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 15   | 35     | 45     | 0.988     | -0.036    | 3.304 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 58.9 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 15   | 45     | 45     | 1.014     | -0.016    | 3.307 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 60.6 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 15   | 55     | 45     | 1.043     | -0.039    | 3.304 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 57.6 | 155        | 157        | 0          | 30     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 17  | 16   | 5      | 45     | 0.945     | -0.02     | 3.307 | 0.016     | 0.016     | 0         | 53.3 | 54.2 | 60.6 | 155        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 16   | 15     | 45     | 0.968     | -0.01     | 3.307 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 60.6 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 16   | 25     | 45     | 1.004     | -0.036    | 3.307 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 61.1 | 155        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 16   | 35     | 45     | 0.991     | -0.043    | 3.307 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 59.3 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 16   | 45     | 45     | 0.984     | -0.007    | 3.307 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 58.9 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 16   | 55     | 45     | 0.968     | -0.043    | 3.307 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 59.8 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 17   | 5      | 45     | 0.974     | -0.039    | 3.307 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 59.3 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 17   | 15     | 45     | 1.01      | -0.039    | 3.307 | 0.016     | 0.016     | 0         | 54.2 | 55   | 58.9 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 17   | 25     | 45     | 1.027     | -0.013    | 3.304 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 61.1 | 156        | 157        | 0          | 31     | 32     |
| 2009 | 6     | 17  | 17   | 35     | 45     | 1.017     | 0.007     | 3.307 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 58.9 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 17   | 45     | 45     | 1.004     | -0.02     | 3.307 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 59.3 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 17   | 55     | 45     | 0.978     | -0.03     | 3.307 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 59.3 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 18   | 5      | 45     | 1.007     | 0.007     | 3.31  | 0.016     | 0.013     | 0         | 54.2 | 55   | 59.8 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 18   | 15     | 45     | 0.991     | -0.066    | 3.307 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 59.8 | 156        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 18   | 25     | 45     | 1.024     | -0.02     | 3.31  | 0.016     | 0.013     | 0         | 54.2 | 55   | 59.3 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 18   | 35     | 45     | 1.024     | -0.023    | 3.31  | 0.013     | 0.01      | 0         | 54.2 | 55   | 58.9 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 18   | 45     | 45     | 1.027     | -0.066    | 3.31  | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 58.5 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 18   | 55     | 45     | 1.02      | -0.043    | 3.314 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 58.9 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 19   | 5      | 45     | 1.03      | -0.036    | 3.314 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 59.3 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 19   | 15     | 45     | 1.027     | -0.016    | 3.314 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 58   | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 19   | 25     | 45     | 1.001     | -0.016    | 3.317 | 0.013     | 0.01      | 0         | 53.8 | 55   | 58.5 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 19   | 35     | 45     | 1.007     | -0.043    | 3.314 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 55   | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 19   | 45     | 45     | 1.007     | -0.043    | 3.314 | 0.013     | 0.01      | 0         | 54.6 | 55   | 57.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 19   | 55     | 45     | 1.007     | -0.039    | 3.317 | 0.016     | 0.013     | 0         | 54.6 | 55   | 59.3 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 20   | 5      | 45     | 1.03      | -0.02     | 3.314 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 57.2 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 20   | 15     | 45     | 1.014     | -0.02     | 3.317 | 0.013     | 0.01      | 0         | 55   | 55.5 | 58.9 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 20   | 25     | 45     | 1.02      | -0.049    | 3.317 | 0.013     | 0.01      | 0         | 54.6 | 55   | 59.3 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 20   | 35     | 45     | 1.03      | -0.036    | 3.32  | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 58   | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 20   | 45     | 45     | 1.017     | 0         | 3.32  | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 60.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 20   | 55     | 45     | 1.01      | -0.013    | 3.32  | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 58   | 160        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 21   | 5      | 45     | 1.007     | -0.026    | 3.32  | 0.016     | 0.013     | 0         | 54.6 | 55   | 58.5 | 158        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 21   | 15     | 45     | 0.994     | -0.056    | 3.317 | 0.016     | 0.013     | 0         | 54.6 | 55   | 56.8 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 21   | 25     | 45     | 1.02      | -0.072    | 3.32  | 0.016     | 0.016     | 0         | 55   | 55.9 | 57.6 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 21   | 35     | 45     | 0.968     | -0.016    | 3.32  | 0.016     | 0.013     | 0         | 55   | 55.5 | 58.5 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 21   | 45     | 45     | 0.984     | -0.072    | 3.32  | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 56.3 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 21   | 55     | 45     | 1.004     | -0.062    | 3.323 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 58.9 | 158        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 22   | 5      | 45     | 1.004     | -0.062    | 3.323 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 59.8 | 158        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 22   | 15     | 45     | 0.978     | -0.03     | 3.32  | 0.01      | 0.007     | 0         | 55   | 55   | 58.9 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 22   | 25     | 45     | 1.017     | -0.033    | 3.323 | 0.016     | 0.013     | 0         | 54.6 | 55   | 60.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 22   | 35     | 45     | 1.007     | -0.036    | 3.323 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 60.6 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 17  | 22   | 45     | 45     | 1.014     | -0.046    | 3.323 | 0.013     | 0.01      | 0         | 54.6 | 55   | 60.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 22   | 55     | 45     | 1.02      | -0.062    | 3.323 | 0.013     | 0.01      | 0         | 54.6 | 55   | 58.9 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 23   | 5      | 45     | 1.02      | -0.059    | 3.323 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 58.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 17  | 23   | 15     | 45     | 0.984     | -0.039    | 3.323 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 58.9 | 156        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 23   | 25     | 45     | 1.04      | -0.02     | 3.323 | 0.013     | 0.01      | 0         | 54.2 | 55   | 58.5 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 23   | 35     | 45     | 1.01      | -0.049    | 3.323 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.1 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 17  | 23   | 45     | 45     | 0.991     | -0.03     | 3.327 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 61.1 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 17  | 23   | 55     | 45     | 1.037     | -0.056    | 3.327 | 0.013     | 0.01      | 0         | 54.6 | 55   | 62.8 | 157        | 159        | 0          | 30     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 18  | 0    | 5      | 45     | 1.014     | -0.043    | 3.327 | 0.01      | 0.007     | 0         | 54.6 | 55   | 60.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 0    | 15     | 45     | 1.037     | -0.013    | 3.327 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.5 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 0    | 25     | 45     | 1.033     | -0.046    | 3.327 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.1 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 0    | 35     | 45     | 1.004     | -0.075    | 3.327 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 61.5 | 156        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 0    | 45     | 45     | 0.991     | -0.03     | 3.327 | 0.016     | 0.013     | 0         | 54.6 | 55   | 62.4 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 0    | 55     | 45     | 1.017     | -0.049    | 3.327 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.9 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 1    | 5      | 45     | 1.001     | -0.033    | 3.327 | 0.016     | 0.013     | 0         | 54.2 | 55   | 61.9 | 156        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 1    | 15     | 45     | 1.014     | -0.043    | 3.327 | 0.016     | 0.016     | 0         | 54.6 | 55   | 62.4 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 1    | 25     | 45     | 1.027     | -0.059    | 3.327 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.9 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 1    | 35     | 45     | 1.027     | -0.033    | 3.327 | 0.016     | 0.013     | 0         | 54.2 | 55   | 60.6 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 18  | 1    | 45     | 45     | 1.024     | -0.036    | 3.327 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 61.5 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 1    | 55     | 45     | 0.974     | -0.056    | 3.327 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.5 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 2    | 5      | 45     | 1.02      | -0.056    | 3.327 | 0.016     | 0.013     | 0         | 53.8 | 55   | 61.1 | 156        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 18  | 2    | 15     | 45     | 1.03      | -0.059    | 3.327 | 0.013     | 0.01      | 0         | 54.2 | 55   | 60.2 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 18  | 2    | 25     | 45     | 1.01      | -0.082    | 3.327 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.1 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 2    | 35     | 45     | 1.037     | -0.059    | 3.327 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 60.2 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 18  | 2    | 45     | 45     | 1.037     | -0.043    | 3.33  | 0.016     | 0.013     | 0         | 54.6 | 55   | 61.1 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 2    | 55     | 45     | 1.027     | -0.043    | 3.327 | 0.016     | 0.013     | 0         | 54.6 | 55   | 60.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 3    | 5      | 45     | 0.994     | -0.033    | 3.327 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 60.6 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 3    | 15     | 45     | 1.03      | -0.072    | 3.33  | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 3    | 25     | 45     | 1.033     | -0.052    | 3.33  | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 61.5 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 3    | 35     | 45     | 1.037     | -0.075    | 3.327 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 59.8 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 18  | 3    | 45     | 45     | 1.027     | -0.03     | 3.33  | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 58.9 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 3    | 55     | 45     | 1.004     | -0.066    | 3.33  | 0.016     | 0.016     | 0         | 54.2 | 55.5 | 61.5 | 156        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 4    | 5      | 45     | 1.01      | -0.03     | 3.33  | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 61.5 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 4    | 15     | 45     | 0.991     | -0.052    | 3.33  | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 61.9 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 18  | 4    | 25     | 45     | 1.007     | -0.016    | 3.33  | 0.013     | 0.01      | 0         | 53.8 | 55   | 61.9 | 156        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 18  | 4    | 35     | 45     | 1.02      | -0.016    | 3.33  | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 62.4 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 18  | 4    | 45     | 45     | 1.03      | -0.056    | 3.33  | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 62.4 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 18  | 4    | 55     | 45     | 1.024     | -0.043    | 3.33  | 0.016     | 0.016     | 0         | 53.8 | 55   | 61.1 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 5    | 5      | 45     | 1.043     | -0.039    | 3.33  | 0.013     | 0.01      | 0         | 53.8 | 55   | 59.8 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 5    | 15     | 45     | 0.997     | -0.043    | 3.33  | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 60.6 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 5    | 25     | 45     | 0.994     | -0.072    | 3.33  | 0.016     | 0.016     | 0         | 54.2 | 55   | 59.3 | 156        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 5    | 35     | 45     | 1.004     | -0.066    | 3.33  | 0.016     | 0.013     | 0         | 54.2 | 55   | 58.5 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 18  | 5    | 45     | 45     | 1.024     | -0.072    | 3.33  | 0.013     | 0.01      | 0         | 54.6 | 55   | 60.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 5    | 55     | 45     | 1.017     | -0.036    | 3.33  | 0.016     | 0.013     | 0         | 54.6 | 55   | 58.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 6    | 5      | 45     | 0.984     | -0.066    | 3.33  | 0.013     | 0.01      | 0         | 54.2 | 55   | 60.2 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 18  | 6    | 15     | 45     | 1.033     | -0.043    | 3.33  | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 61.1 | 157        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 18  | 6    | 25     | 45     | 1.001     | -0.02     | 3.33  | 0.013     | 0.01      | 0         | 55   | 55.5 | 61.9 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 6    | 35     | 45     | 1.024     | -0.043    | 3.33  | 0.013     | 0.01      | 0         | 54.2 | 55   | 60.6 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 18  | 6    | 45     | 45     | 0.991     | -0.043    | 3.33  | 0.016     | 0.016     | 0         | 54.2 | 55   | 60.6 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 18  | 6    | 55     | 45     | 1.001     | -0.036    | 3.33  | 0.013     | 0.01      | 0         | 54.2 | 55   | 60.2 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 18  | 7    | 5      | 45     | 1.001     | -0.052    | 3.33  | 0.016     | 0.013     | 0         | 54.2 | 55   | 60.2 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 18  | 7    | 15     | 45     | 1.014     | -0.092    | 3.333 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 59.3 | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 18  | 7    | 25     | 45     | 1.024     | -0.052    | 3.333 | 0.013     | 0.01      | 0         | 53.8 | 55   | 60.2 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 7    | 35     | 45     | 1.01      | -0.03     | 3.333 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 60.2 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 18  | 7    | 45     | 45     | 1.001     | -0.023    | 3.333 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 60.6 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 7    | 55     | 45     | 1.027     | -0.043    | 3.333 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 60.2 | 156        | 158        | 0          | 31     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 18  | 8    | 5      | 45     | 1.01      | -0.039    | 3.333 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 60.2 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 8    | 15     | 45     | 1.03      | -0.066    | 3.333 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 59.8 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 8    | 25     | 45     | 1.033     | -0.043    | 3.333 | 0.013     | 0.01      | 0         | 54.2 | 55   | 60.6 | 156        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 8    | 35     | 45     | 1.043     | -0.059    | 3.333 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 59.8 | 156        | 158        | 0          | 30     | 32     |
| 2009 | 6     | 18  | 8    | 45     | 45     | 1.007     | -0.052    | 3.333 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 61.1 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 8    | 55     | 45     | 1.024     | -0.03     | 3.333 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 60.6 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 18  | 9    | 5      | 45     | 1.014     | -0.062    | 3.333 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 60.6 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 9    | 15     | 45     | 1.033     | -0.069    | 3.333 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 60.6 | 155        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 9    | 25     | 45     | 1.007     | -0.02     | 3.333 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 60.6 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 9    | 35     | 45     | 1.033     | -0.056    | 3.337 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 61.1 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 18  | 9    | 45     | 45     | 1.017     | -0.026    | 3.333 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 62.8 | 156        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 18  | 9    | 55     | 45     | 1.04      | -0.03     | 3.333 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 62.4 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 10   | 5      | 45     | 1.033     | -0.036    | 3.333 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 61.9 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 18  | 10   | 15     | 45     | 1.014     | -0.036    | 3.333 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 61.5 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 10   | 25     | 45     | 1.02      | -0.062    | 3.333 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 61.9 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 10   | 35     | 45     | 1.056     | -0.043    | 3.333 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 61.9 | 156        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 18  | 10   | 45     | 45     | 1.017     | -0.049    | 3.333 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 61.1 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 18  | 10   | 55     | 45     | 1.027     | -0.059    | 3.333 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 61.9 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 11   | 5      | 45     | 1.007     | -0.043    | 3.333 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 61.9 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 11   | 15     | 45     | 1.037     | -0.052    | 3.333 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 61.9 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 11   | 25     | 45     | 1.004     | -0.069    | 3.337 | 0.016     | 0.016     | 0         | 53.8 | 54.6 | 63.6 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 11   | 35     | 45     | 1.017     | -0.007    | 3.333 | 0.016     | 0.016     | 0         | 53.8 | 54.6 | 63.2 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 11   | 45     | 45     | 1.014     | -0.059    | 3.337 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 62.8 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 11   | 55     | 45     | 1.014     | -0.016    | 3.337 | 0.016     | 0.016     | 0         | 53.8 | 54.6 | 62.4 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 12   | 5      | 45     | 0.984     | -0.02     | 3.333 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 61.9 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 12   | 15     | 45     | 1.004     | -0.003    | 3.337 | 0.02      | 0.016     | 0         | 53.8 | 53.8 | 61.5 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 12   | 25     | 45     | 1.014     | -0.039    | 3.337 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 63.2 | 155        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 12   | 35     | 45     | 1.037     | -0.043    | 3.337 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 62.8 | 154        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 12   | 45     | 45     | 0.994     | -0.043    | 3.337 | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 64.1 | 154        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 12   | 55     | 45     | 1.014     | -0.049    | 3.337 | 0.016     | 0.016     | 0         | 53.8 | 54.2 | 62.8 | 155        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 13   | 5      | 45     | 1.01      | -0.03     | 3.337 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 63.2 | 154        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 13   | 15     | 45     | 1.014     | -0.016    | 3.337 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 63.2 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 13   | 25     | 45     | 0.991     | -0.056    | 3.337 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 61.9 | 155        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 13   | 35     | 45     | 1.001     | 0.026     | 3.337 | 0.013     | 0.01      | 0         | 53.8 | 53.8 | 61.1 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 13   | 45     | 45     | 0.994     | -0.02     | 3.333 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 61.9 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 13   | 55     | 45     | 1.037     | -0.039    | 3.333 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 60.6 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 14   | 5      | 45     | 1.017     | -0.036    | 3.333 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 61.5 | 155        | 156        | 0          | 29     | 30     |
| 2009 | 6     | 18  | 14   | 15     | 45     | 1.01      | -0.059    | 3.333 | 0.016     | 0.016     | 0         | 53.8 | 53.8 | 61.1 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 14   | 25     | 45     | 0.994     | -0.049    | 3.333 | 0.013     | 0.01      | 0         | 53.3 | 53.8 | 61.5 | 155        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 18  | 14   | 35     | 45     | 1.01      | -0.046    | 3.333 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 61.5 | 155        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 14   | 45     | 45     | 1.033     | 0.003     | 3.333 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 58.9 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 14   | 55     | 45     | 0.997     | -0.02     | 3.33  | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 60.2 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 15   | 5      | 45     | 0.968     | -0.02     | 3.333 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 59.8 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 15   | 15     | 45     | 1.014     | 0.007     | 3.33  | 0.016     | 0.016     | 0         | 53.8 | 54.2 | 60.2 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 15   | 25     | 45     | 1.033     | 0         | 3.33  | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 59.3 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 15   | 35     | 45     | 1.001     | -0.049    | 3.33  | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 59.3 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 15   | 45     | 45     | 1.001     | -0.003    | 3.327 | 0.016     | 0.016     | 0         | 53.8 | 54.6 | 57.6 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 15   | 55     | 45     | 1.001     | -0.007    | 3.327 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 58   | 155        | 157        | 0          | 30     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 18  | 16   | 5      | 45     | 0.984     | -0.036    | 3.323 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 58.9 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 16   | 15     | 45     | 1.001     | -0.013    | 3.323 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 58.9 | 155        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 16   | 25     | 45     | 1.03      | -0.013    | 3.323 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 59.8 | 155        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 16   | 35     | 45     | 0.997     | -0.046    | 3.323 | 0.016     | 0.016     | 0         | 53.8 | 54.2 | 59.3 | 155        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 16   | 45     | 45     | 1.037     | -0.039    | 3.32  | 0.016     | 0.013     | 0         | 53.3 | 54.2 | 59.3 | 154        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 16   | 55     | 45     | 1.001     | -0.036    | 3.32  | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 60.2 | 155        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 17   | 5      | 45     | 1.014     | -0.023    | 3.32  | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 57.6 | 155        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 17   | 15     | 45     | 0.981     | -0.036    | 3.32  | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 58.5 | 155        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 17   | 25     | 45     | 1.001     | -0.036    | 3.317 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 60.2 | 155        | 156        | 0          | 29     | 30     |
| 2009 | 6     | 18  | 17   | 35     | 45     | 1.014     | -0.016    | 3.317 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 58.9 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 17   | 45     | 45     | 0.978     | -0.023    | 3.317 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 59.3 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 17   | 55     | 45     | 0.997     | -0.046    | 3.317 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 58.5 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 18   | 5      | 45     | 1.02      | -0.023    | 3.317 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 58.5 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 18   | 15     | 45     | 1.033     | -0.02     | 3.317 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 59.8 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 18   | 25     | 45     | 1.001     | -0.013    | 3.317 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 59.3 | 156        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 18  | 18   | 35     | 45     | 1.004     | -0.03     | 3.317 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 59.8 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 18   | 45     | 45     | 1.024     | -0.01     | 3.317 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 59.8 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 18   | 55     | 45     | 1.027     | -0.026    | 3.317 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 58   | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 19   | 5      | 45     | 0.988     | -0.023    | 3.317 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 58.5 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 19   | 15     | 45     | 1.024     | 0         | 3.317 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 59.8 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 19   | 25     | 45     | 1.027     | -0.069    | 3.317 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 58.5 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 19   | 35     | 45     | 1.004     | -0.046    | 3.317 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 58.9 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 19   | 45     | 45     | 1.027     | -0.03     | 3.317 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 58.5 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 19   | 55     | 45     | 1.017     | -0.02     | 3.317 | 0.016     | 0.013     | 0         | 54.6 | 55   | 59.3 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 20   | 5      | 45     | 1.037     | -0.033    | 3.317 | 0.016     | 0.013     | 0         | 54.6 | 55   | 58.5 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 20   | 15     | 45     | 1.007     | -0.03     | 3.317 | 0.013     | 0.01      | 0         | 54.2 | 55   | 58.9 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 20   | 25     | 45     | 0.994     | -0.03     | 3.317 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 59.3 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 20   | 35     | 45     | 0.994     | -0.072    | 3.317 | 0.013     | 0.01      | 0         | 54.2 | 55   | 60.2 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 20   | 45     | 45     | 1.02      | -0.016    | 3.32  | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 57.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 20   | 55     | 45     | 1.024     | -0.046    | 3.317 | 0.013     | 0.01      | 0         | 54.6 | 55   | 58.9 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 21   | 5      | 45     | 0.981     | -0.049    | 3.32  | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 58.9 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 21   | 15     | 45     | 1.01      | -0.043    | 3.317 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 58.9 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 21   | 25     | 45     | 1.001     | 0.003     | 3.317 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 57.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 21   | 35     | 45     | 1.024     | -0.023    | 3.32  | 0.016     | 0.013     | 0         | 54.6 | 55   | 59.8 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 21   | 45     | 45     | 1.02      | -0.046    | 3.32  | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 59.3 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 18  | 21   | 55     | 45     | 0.978     | -0.007    | 3.32  | 0.016     | 0.016     | 0         | 54.6 | 55   | 57.2 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 22   | 5      | 45     | 0.981     | -0.03     | 3.323 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 57.6 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 18  | 22   | 15     | 45     | 0.994     | -0.026    | 3.32  | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 58   | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 22   | 25     | 45     | 1.037     | 0         | 3.323 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 59.3 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 22   | 35     | 45     | 0.978     | -0.043    | 3.323 | 0.013     | 0.01      | 0         | 54.2 | 55   | 58.9 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 22   | 45     | 45     | 1.027     | -0.013    | 3.323 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 58.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 22   | 55     | 45     | 1.007     | -0.046    | 3.323 | 0.013     | 0.01      | 0         | 54.6 | 55   | 58.5 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 23   | 5      | 45     | 1.014     | -0.033    | 3.323 | 0.016     | 0.016     | 0         | 54.6 | 55   | 59.3 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 23   | 15     | 45     | 1.01      | -0.043    | 3.323 | 0.01      | 0.007     | 0         | 55   | 55   | 59.8 | 157        | 158        | 0          | 29     | 30     |
| 2009 | 6     | 18  | 23   | 25     | 45     | 1.004     | -0.03     | 3.327 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 58.5 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 18  | 23   | 35     | 45     | 0.997     | -0.039    | 3.323 | 0.01      | 0.007     | 0         | 54.6 | 55   | 59.8 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 23   | 45     | 45     | 0.994     | -0.033    | 3.323 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 58.9 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 23   | 55     | 45     | 1.01      | -0.03     | 3.323 | 0.016     | 0.013     | 0         | 54.6 | 55   | 58.9 | 157        | 158        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 19  | 0    | 5      | 45     | 1.027     | -0.043    | 3.323 | 0.013     | 0.01      | 0         | 54.6 | 55   | 55.9 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 0    | 15     | 45     | 1.007     | -0.026    | 3.327 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 57.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 0    | 25     | 45     | 0.984     | -0.01     | 3.327 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 59.8 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 0    | 35     | 45     | 1.017     | -0.062    | 3.327 | 0.013     | 0.01      | 0         | 54.6 | 55   | 58.9 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 0    | 45     | 45     | 1.014     | -0.049    | 3.327 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 58.9 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 0    | 55     | 45     | 1.001     | -0.059    | 3.327 | 0.013     | 0.01      | 0         | 54.6 | 55   | 59.8 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 1    | 5      | 45     | 0.991     | -0.033    | 3.327 | 0.016     | 0.016     | 0         | 54.2 | 55.5 | 58.9 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 19  | 1    | 15     | 45     | 1.014     | -0.066    | 3.327 | 0.016     | 0.013     | 0         | 55   | 55   | 59.3 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 1    | 25     | 45     | 0.997     | -0.016    | 3.327 | 0.016     | 0.013     | 0         | 55   | 55.5 | 59.8 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 1    | 35     | 45     | 1.056     | -0.046    | 3.327 | 0.016     | 0.016     | 0         | 54.6 | 55   | 58.9 | 158        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 19  | 1    | 45     | 45     | 0.994     | -0.033    | 3.33  | 0.013     | 0.01      | 0         | 55   | 55.5 | 60.2 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 1    | 55     | 45     | 1.047     | -0.049    | 3.33  | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.1 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 2    | 5      | 45     | 1.01      | -0.01     | 3.33  | 0.013     | 0.01      | 0         | 55   | 55.5 | 60.2 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 2    | 15     | 45     | 1.004     | -0.026    | 3.33  | 0.016     | 0.013     | 0         | 55   | 55.9 | 60.2 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 2    | 25     | 45     | 0.984     | -0.033    | 3.33  | 0.016     | 0.013     | 0         | 55   | 55.9 | 59.8 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 2    | 35     | 45     | 1.024     | -0.016    | 3.33  | 0.016     | 0.013     | 0         | 55   | 55.9 | 60.6 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 2    | 45     | 45     | 1.014     | 0.007     | 3.33  | 0.013     | 0.01      | 0         | 55   | 55.5 | 61.1 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 2    | 55     | 45     | 1.027     | -0.052    | 3.33  | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 60.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 3    | 5      | 45     | 1.033     | -0.01     | 3.33  | 0.016     | 0.013     | 0         | 55   | 55.5 | 59.8 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 3    | 15     | 45     | 0.974     | -0.039    | 3.33  | 0.016     | 0.013     | 0         | 55   | 55   | 61.1 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 3    | 25     | 45     | 0.984     | -0.036    | 3.33  | 0.016     | 0.016     | 0         | 55   | 55   | 60.2 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 3    | 35     | 45     | 1.004     | 0.007     | 3.33  | 0.013     | 0.01      | 0         | 55   | 55.5 | 60.6 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 3    | 45     | 45     | 1.017     | 0.003     | 3.33  | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.1 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 19  | 3    | 55     | 45     | 1.007     | -0.056    | 3.33  | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 61.1 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 19  | 4    | 5      | 45     | 1.017     | -0.007    | 3.33  | 0.013     | 0.01      | 0         | 55   | 55.5 | 59.3 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 4    | 15     | 45     | 1.033     | 0         | 3.33  | 0.013     | 0.01      | 0         | 55   | 55.9 | 62.4 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 4    | 25     | 45     | 0.971     | -0.059    | 3.33  | 0.013     | 0.01      | 0         | 55   | 55.5 | 62.4 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 4    | 35     | 45     | 1.03      | -0.049    | 3.33  | 0.016     | 0.016     | 0         | 55   | 55   | 61.9 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 4    | 45     | 45     | 1.014     | -0.036    | 3.333 | 0.016     | 0.013     | 0         | 55   | 55   | 61.9 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 4    | 55     | 45     | 1.03      | -0.01     | 3.33  | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 61.5 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 19  | 5    | 5      | 45     | 0.997     | -0.033    | 3.33  | 0.013     | 0.01      | 0         | 55   | 55.9 | 60.6 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 5    | 15     | 45     | 1.004     | -0.026    | 3.33  | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.9 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 19  | 5    | 25     | 45     | 1.01      | -0.043    | 3.333 | 0.013     | 0.01      | 0         | 55   | 55.5 | 61.9 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 5    | 35     | 45     | 1.014     | -0.043    | 3.333 | 0.016     | 0.013     | 0         | 55   | 55.9 | 62.8 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 5    | 45     | 45     | 0.997     | 0         | 3.33  | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 62.4 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 19  | 5    | 55     | 45     | 1.01      | -0.066    | 3.333 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 61.9 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 6    | 5      | 45     | 1.04      | -0.049    | 3.33  | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 61.5 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 19  | 6    | 15     | 45     | 1.037     | -0.013    | 3.33  | 0.013     | 0.01      | 0         | 54.6 | 56.3 | 61.1 | 158        | 161        | 0          | 31     | 30     |
| 2009 | 6     | 19  | 6    | 25     | 45     | 1.03      | -0.01     | 3.33  | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 61.9 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 19  | 6    | 35     | 45     | 1.014     | -0.02     | 3.333 | 0.01      | 0.007     | 0         | 55   | 55.5 | 61.5 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 6    | 45     | 45     | 0.997     | -0.01     | 3.333 | 0.013     | 0.01      | 0         | 55   | 55.5 | 61.1 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 6    | 55     | 45     | 1.043     | -0.043    | 3.333 | 0.016     | 0.013     | 0         | 55   | 55.5 | 61.9 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 7    | 5      | 45     | 1.004     | -0.02     | 3.333 | 0.016     | 0.013     | 0         | 55   | 55   | 62.8 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 7    | 15     | 45     | 0.988     | 0.003     | 3.333 | 0.016     | 0.013     | 0         | 55   | 55   | 62.4 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 7    | 25     | 45     | 1.01      | -0.026    | 3.333 | 0.013     | 0.01      | 0         | 55   | 55.5 | 61.9 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 7    | 35     | 45     | 1.02      | -0.02     | 3.333 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 60.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 7    | 45     | 45     | 0.965     | -0.075    | 3.333 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 61.9 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 7    | 55     | 45     | 1.01      | -0.033    | 3.333 | 0.013     | 0.01      | 0         | 55   | 55   | 61.9 | 158        | 159        | 0          | 30     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 19  | 8    | 5      | 45     | 0.997     | -0.03     | 3.333 | 0.016     | 0.013     | 0         | 55   | 55   | 61.9 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 8    | 15     | 45     | 0.997     | 0.016     | 3.333 | 0.013     | 0.01      | 0         | 55   | 55.5 | 60.6 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 8    | 25     | 45     | 1.027     | -0.043    | 3.333 | 0.01      | 0.007     | 0         | 55   | 55   | 60.6 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 8    | 35     | 45     | 0.994     | -0.046    | 3.333 | 0.016     | 0.013     | 0         | 55   | 55.9 | 61.9 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 8    | 45     | 45     | 1.027     | -0.043    | 3.333 | 0.016     | 0.013     | 0         | 54.2 | 55   | 62.8 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 19  | 8    | 55     | 45     | 1.01      | -0.046    | 3.333 | 0.01      | 0.007     | 0         | 54.6 | 55   | 62.4 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 9    | 5      | 45     | 1.001     | -0.03     | 3.333 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 62.4 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 9    | 15     | 45     | 1.014     | -0.026    | 3.333 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 61.5 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 9    | 25     | 45     | 1.024     | -0.033    | 3.333 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 62.8 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 9    | 35     | 45     | 0.974     | -0.039    | 3.333 | 0.016     | 0.013     | 0         | 54.6 | 55   | 62.4 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 9    | 45     | 45     | 0.997     | -0.043    | 3.333 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 62.4 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 9    | 55     | 45     | 1.014     | -0.013    | 3.333 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 62.4 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 10   | 5      | 45     | 1.001     | -0.03     | 3.333 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 61.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 10   | 15     | 45     | 1.004     | -0.007    | 3.333 | 0.013     | 0.01      | 0         | 54.2 | 55   | 61.5 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 10   | 25     | 45     | 0.997     | -0.007    | 3.333 | 0.016     | 0.013     | 0         | 54.2 | 55   | 61.9 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 10   | 35     | 45     | 1.033     | -0.013    | 3.333 | 0.013     | 0.01      | 0         | 54.2 | 55   | 60.6 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 10   | 45     | 45     | 1.001     | -0.052    | 3.333 | 0.013     | 0.01      | 0         | 54.2 | 55   | 60.2 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 10   | 55     | 45     | 1.007     | -0.036    | 3.333 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 57.6 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 19  | 11   | 5      | 45     | 0.981     | -0.016    | 3.333 | 0.016     | 0.013     | 0         | 54.6 | 55   | 58.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 11   | 15     | 45     | 0.997     | 0         | 3.333 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 59.3 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 11   | 25     | 45     | 0.981     | -0.007    | 3.33  | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 55.9 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 11   | 35     | 45     | 1.027     | -0.026    | 3.33  | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 55.9 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 11   | 45     | 45     | 1.03      | -0.007    | 3.33  | 0.016     | 0.013     | 0         | 55.5 | 55   | 57.2 | 158        | 159        | 0          | 29     | 31     |
| 2009 | 6     | 19  | 11   | 55     | 45     | 1.01      | -0.003    | 3.327 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 53.3 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 12   | 5      | 45     | 1.043     | -0.03     | 3.323 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 55   | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 12   | 15     | 45     | 1.027     | -0.007    | 3.323 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 55   | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 12   | 25     | 45     | 0.997     | 0         | 3.323 | 0.016     | 0.013     | 0         | 55   | 55   | 55.5 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 12   | 35     | 45     | 1.033     | 0.003     | 3.323 | 0.01      | 0.007     | 0         | 55.5 | 55.5 | 53.3 | 158        | 159        | 0          | 29     | 30     |
| 2009 | 6     | 19  | 12   | 45     | 45     | 1.033     | 0.026     | 3.323 | 0.013     | 0.01      | 0         | 55   | 55.9 | 46   | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 12   | 55     | 45     | 0.994     | 0.016     | 3.32  | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 48.2 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 13   | 5      | 45     | 0.991     | -0.033    | 3.32  | 0.016     | 0.013     | 0         | 55   | 55.9 | 46.9 | 159        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 19  | 13   | 15     | 45     | 1.007     | 0.003     | 3.317 | 0.013     | 0.01      | 0         | 56.3 | 56.3 | 54.6 | 160        | 161        | 0          | 29     | 30     |
| 2009 | 6     | 19  | 13   | 25     | 45     | 0.978     | 0.016     | 3.317 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 52.9 | 159        | 161        | 0          | 29     | 31     |
| 2009 | 6     | 19  | 13   | 35     | 45     | 1.007     | -0.003    | 3.317 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 52   | 160        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 13   | 45     | 45     | 0.997     | 0.026     | 3.314 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 46.4 | 160        | 161        | 0          | 31     | 30     |
| 2009 | 6     | 19  | 13   | 55     | 45     | 1.02      | -0.007    | 3.317 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 48.2 | 160        | 162        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 14   | 5      | 45     | 0.997     | -0.02     | 3.317 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 43   | 160        | 162        | 0          | 31     | 31     |
| 2009 | 6     | 19  | 14   | 15     | 45     | 0.988     | 0         | 3.314 | 0.016     | 0.013     | 0         | 56.3 | 57.2 | 43   | 161        | 163        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 14   | 25     | 45     | 0.974     | 0.01      | 3.314 | 0.013     | 0.01      | 0         | 56.8 | 57.2 | 43.9 | 162        | 163        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 14   | 35     | 45     | 1.024     | 0.013     | 3.314 | 0.016     | 0.013     | 0         | 56.8 | 57.2 | 44.7 | 162        | 163        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 14   | 45     | 45     | 1.017     | 0.013     | 3.314 | 0.016     | 0.016     | 0         | 56.8 | 57.2 | 50.3 | 162        | 163        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 14   | 55     | 45     | 1.017     | 0.023     | 3.31  | 0.01      | 0.007     | 0         | 56.3 | 56.8 | 56.8 | 161        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 15   | 5      | 45     | 1.004     | 0         | 3.314 | 0.016     | 0.016     | 0         | 56.3 | 56.8 | 55   | 161        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 15   | 15     | 45     | 1.004     | -0.01     | 3.314 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 58.5 | 160        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 15   | 25     | 45     | 0.994     | 0.033     | 3.31  | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 56.3 | 160        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 15   | 35     | 45     | 1.014     | 0.003     | 3.31  | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 57.6 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 15   | 45     | 45     | 0.997     | 0.02      | 3.31  | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 58.5 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 15   | 55     | 45     | 1.03      | -0.013    | 3.31  | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 58.9 | 159        | 160        | 0          | 30     | 30     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 19  | 16   | 5      | 45     | 1.024     | -0.013    | 3.31  | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 58   | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 16   | 15     | 45     | 1.001     | -0.016    | 3.31  | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 59.3 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 16   | 25     | 45     | 0.974     | -0.046    | 3.31  | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 59.3 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 16   | 35     | 45     | 0.978     | -0.007    | 3.31  | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 57.2 | 159        | 160        | 0          | 29     | 30     |
| 2009 | 6     | 19  | 16   | 45     | 45     | 0.984     | -0.046    | 3.31  | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 58.5 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 16   | 55     | 45     | 0.971     | -0.033    | 3.31  | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 57.6 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 17   | 5      | 45     | 1.007     | -0.01     | 3.31  | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 58   | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 17   | 15     | 45     | 1.027     | -0.016    | 3.31  | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 57.6 | 159        | 161        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 17   | 25     | 45     | 1.004     | -0.013    | 3.31  | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 58.5 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 17   | 35     | 45     | 0.974     | -0.026    | 3.307 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 59.3 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 17   | 45     | 45     | 1.017     | -0.03     | 3.307 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 58   | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 17   | 55     | 45     | 0.991     | -0.033    | 3.307 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 59.8 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 18   | 5      | 45     | 1.01      | -0.03     | 3.307 | 0.013     | 0.01      | 0         | 55   | 55.5 | 59.8 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 18   | 15     | 45     | 0.997     | -0.036    | 3.307 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 61.1 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 18   | 25     | 45     | 0.981     | -0.052    | 3.307 | 0.013     | 0.01      | 0         | 54.6 | 55   | 60.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 18   | 35     | 45     | 1.01      | -0.046    | 3.307 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 61.5 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 18   | 45     | 45     | 0.971     | 0.007     | 3.307 | 0.013     | 0.01      | 0         | 55   | 55.5 | 62.8 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 18   | 55     | 45     | 0.988     | -0.03     | 3.307 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.9 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 19   | 5      | 45     | 1.017     | 0.007     | 3.307 | 0.016     | 0.013     | 0         | 55   | 55.5 | 61.9 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 19   | 15     | 45     | 1.001     | -0.026    | 3.307 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 58   | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 19   | 25     | 45     | 1.007     | -0.02     | 3.307 | 0.013     | 0.01      | 0         | 55   | 55.5 | 62.4 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 19   | 35     | 45     | 0.991     | -0.036    | 3.307 | 0.016     | 0.013     | 0         | 55   | 55.5 | 61.1 | 157        | 159        | 0          | 29     | 30     |
| 2009 | 6     | 19  | 19   | 45     | 45     | 0.994     | -0.056    | 3.307 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 62.4 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 19   | 55     | 45     | 0.988     | -0.039    | 3.307 | 0.01      | 0.007     | 0         | 54.6 | 55   | 63.2 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 20   | 5      | 45     | 0.997     | -0.033    | 3.307 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 61.9 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 20   | 15     | 45     | 0.997     | -0.013    | 3.307 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 62.8 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 20   | 25     | 45     | 0.951     | -0.046    | 3.304 | 0.016     | 0.013     | 0         | 55   | 55.5 | 61.5 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 20   | 35     | 45     | 1.01      | -0.023    | 3.307 | 0.016     | 0.016     | 0         | 55   | 55.5 | 60.6 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 20   | 45     | 45     | 1.004     | -0.023    | 3.307 | 0.016     | 0.013     | 0         | 55   | 55.5 | 61.9 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 20   | 55     | 45     | 1.024     | 0.013     | 3.304 | 0.013     | 0.01      | 0         | 55   | 55.5 | 60.2 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 21   | 5      | 45     | 1.01      | -0.013    | 3.307 | 0.016     | 0.013     | 0         | 55   | 55.9 | 61.9 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 21   | 15     | 45     | 0.997     | -0.026    | 3.304 | 0.013     | 0.01      | 0         | 55   | 55.9 | 61.9 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 21   | 25     | 45     | 0.984     | -0.059    | 3.307 | 0.016     | 0.013     | 0         | 55   | 55.9 | 61.1 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 21   | 35     | 45     | 0.965     | -0.02     | 3.304 | 0.013     | 0.01      | 0         | 55   | 55.5 | 60.2 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 21   | 45     | 45     | 0.997     | 0         | 3.304 | 0.016     | 0.013     | 0         | 55.5 | 55   | 61.9 | 158        | 159        | 0          | 29     | 31     |
| 2009 | 6     | 19  | 21   | 55     | 45     | 0.997     | -0.036    | 3.304 | 0.013     | 0.01      | 0         | 54.6 | 55   | 58   | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 22   | 5      | 45     | 0.981     | -0.016    | 3.304 | 0.016     | 0.013     | 0         | 54.6 | 55   | 61.1 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 22   | 15     | 45     | 1.017     | -0.013    | 3.304 | 0.02      | 0.016     | 0         | 54.6 | 55   | 61.1 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 22   | 25     | 45     | 1.001     | -0.03     | 3.307 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.1 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 22   | 35     | 45     | 0.997     | -0.036    | 3.304 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 61.5 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 19  | 22   | 45     | 45     | 0.984     | -0.052    | 3.304 | 0.016     | 0.016     | 0         | 54.6 | 55   | 61.9 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 22   | 55     | 45     | 0.994     | -0.056    | 3.307 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 61.9 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 23   | 5      | 45     | 0.981     | -0.026    | 3.304 | 0.013     | 0.01      | 0         | 54.6 | 55   | 62.8 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 23   | 15     | 45     | 1.001     | -0.03     | 3.307 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 61.5 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 23   | 25     | 45     | 0.981     | -0.066    | 3.304 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 62.4 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 23   | 35     | 45     | 1.017     | -0.003    | 3.304 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 19  | 23   | 45     | 45     | 1.007     | -0.036    | 3.304 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 60.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 19  | 23   | 55     | 45     | 1.03      | -0.056    | 3.307 | 0.016     | 0.013     | 0         | 54.6 | 55   | 62.4 | 157        | 159        | 0          | 30     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 20  | 0    | 5      | 45     | 0.997     | -0.046    | 3.304 | 0.016     | 0.013     | 0         | 54.6 | 55   | 60.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 20  | 0    | 15     | 45     | 0.958     | -0.026    | 3.304 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 62.4 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 0    | 25     | 45     | 0.994     | -0.036    | 3.304 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.1 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 0    | 35     | 45     | 0.997     | -0.049    | 3.304 | 0.01      | 0.007     | 0         | 54.6 | 55   | 62.8 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 0    | 45     | 45     | 0.981     | -0.049    | 3.304 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 60.2 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 0    | 55     | 45     | 0.994     | -0.046    | 3.304 | 0.013     | 0.01      | 0         | 54.6 | 55   | 60.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 20  | 1    | 5      | 45     | 0.994     | -0.069    | 3.304 | 0.016     | 0.016     | 0         | 55   | 55.5 | 62.4 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 1    | 15     | 45     | 0.965     | -0.052    | 3.304 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.5 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 1    | 25     | 45     | 1.024     | -0.036    | 3.304 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.5 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 1    | 35     | 45     | 0.981     | -0.023    | 3.304 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 61.5 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 1    | 45     | 45     | 0.984     | -0.026    | 3.304 | 0.01      | 0.007     | 0         | 54.2 | 55   | 62.4 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 20  | 1    | 55     | 45     | 1.014     | -0.03     | 3.304 | 0.013     | 0.01      | 0         | 54.6 | 55   | 60.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 20  | 2    | 5      | 45     | 1.004     | -0.046    | 3.304 | 0.016     | 0.013     | 0         | 54.6 | 55   | 60.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 20  | 2    | 15     | 45     | 0.978     | -0.036    | 3.304 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 61.5 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 2    | 25     | 45     | 0.994     | -0.049    | 3.304 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 60.6 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 20  | 2    | 35     | 45     | 1.024     | -0.026    | 3.304 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.1 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 2    | 45     | 45     | 0.961     | -0.043    | 3.304 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.1 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 2    | 55     | 45     | 1.017     | -0.013    | 3.304 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 60.2 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 3    | 5      | 45     | 0.958     | -0.043    | 3.304 | 0.016     | 0.013     | 0         | 54.6 | 55   | 61.9 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 3    | 15     | 45     | 1.017     | -0.043    | 3.304 | 0.016     | 0.013     | 0         | 54.6 | 55   | 61.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 20  | 3    | 25     | 45     | 0.974     | -0.062    | 3.304 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 60.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 3    | 35     | 45     | 0.988     | 0         | 3.304 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 62.4 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 3    | 45     | 45     | 1.017     | -0.01     | 3.304 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 61.9 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 3    | 55     | 45     | 0.971     | -0.033    | 3.304 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.9 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 4    | 5      | 45     | 0.978     | -0.049    | 3.304 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 62.4 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 4    | 15     | 45     | 0.984     | -0.026    | 3.304 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 61.9 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 4    | 25     | 45     | 0.965     | -0.062    | 3.304 | 0.013     | 0.01      | 0         | 54.6 | 55   | 60.6 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 4    | 35     | 45     | 0.971     | -0.033    | 3.304 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 61.5 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 4    | 45     | 45     | 1.01      | -0.026    | 3.304 | 0.016     | 0.013     | 0         | 54.6 | 55   | 59.8 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 20  | 4    | 55     | 45     | 1.004     | -0.089    | 3.304 | 0.013     | 0.01      | 0         | 55   | 55.5 | 61.1 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 20  | 5    | 5      | 45     | 1.027     | -0.02     | 3.304 | 0.013     | 0.01      | 0         | 55   | 55.9 | 59.8 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 5    | 15     | 45     | 0.988     | -0.033    | 3.304 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 60.2 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 5    | 25     | 45     | 1.001     | -0.046    | 3.304 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 59.3 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 5    | 35     | 45     | 0.988     | -0.039    | 3.304 | 0.016     | 0.016     | 0         | 54.6 | 55   | 60.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 20  | 5    | 45     | 45     | 1.03      | 0         | 3.304 | 0.013     | 0.01      | 0         | 55   | 55.5 | 60.6 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 20  | 5    | 55     | 45     | 1.001     | -0.046    | 3.304 | 0.016     | 0.016     | 0         | 54.6 | 55.9 | 59.8 | 158        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 20  | 6    | 5      | 45     | 0.994     | -0.02     | 3.304 | 0.016     | 0.016     | 0         | 55   | 55.5 | 60.2 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 20  | 6    | 15     | 45     | 1.02      | -0.01     | 3.304 | 0.02      | 0.016     | 0         | 55   | 55.9 | 59.3 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 6    | 25     | 45     | 1.017     | -0.033    | 3.304 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 61.1 | 157        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 6    | 35     | 45     | 1.007     | -0.049    | 3.304 | 0.013     | 0.01      | 0         | 55   | 55.9 | 59.3 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 6    | 45     | 45     | 0.991     | -0.049    | 3.304 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 59.8 | 157        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 20  | 6    | 55     | 45     | 0.991     | -0.039    | 3.304 | 0.013     | 0.01      | 0         | 54.6 | 55   | 59.3 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 20  | 7    | 5      | 45     | 1.001     | -0.033    | 3.304 | 0.016     | 0.016     | 0         | 55   | 55.5 | 58   | 157        | 160        | 0          | 29     | 31     |
| 2009 | 6     | 20  | 7    | 15     | 45     | 1.037     | -0.036    | 3.304 | 0.016     | 0.013     | 0         | 54.6 | 55   | 59.8 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 20  | 7    | 25     | 45     | 1.004     | -0.003    | 3.304 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 59.3 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 7    | 35     | 45     | 0.997     | -0.043    | 3.304 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 59.8 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 7    | 45     | 45     | 0.974     | -0.039    | 3.304 | 0.01      | 0.007     | 0         | 54.6 | 55   | 60.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 20  | 7    | 55     | 45     | 0.981     | -0.023    | 3.304 | 0.016     | 0.016     | 0         | 53.8 | 55   | 59.3 | 156        | 158        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 20  | 8    | 5      | 45     | 0.997     | -0.003    | 3.304 | 0.016     | 0.016     | 0         | 53.8 | 55   | 59.3 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 8    | 15     | 45     | 0.968     | -0.059    | 3.304 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 59.3 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 8    | 25     | 45     | 1.02      | -0.036    | 3.304 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 59.3 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 20  | 8    | 35     | 45     | 0.991     | -0.03     | 3.304 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 61.1 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 20  | 8    | 45     | 45     | 0.968     | -0.03     | 3.304 | 0.013     | 0.01      | 0         | 54.2 | 55   | 61.1 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 8    | 55     | 45     | 0.984     | -0.016    | 3.304 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 61.1 | 156        | 158        | 0          | 29     | 32     |
| 2009 | 6     | 20  | 9    | 5      | 45     | 0.991     | -0.033    | 3.304 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 59.8 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 9    | 15     | 45     | 1.027     | -0.046    | 3.304 | 0.016     | 0.013     | 0         | 54.6 | 55   | 58.9 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 20  | 9    | 25     | 45     | 1.017     | -0.046    | 3.304 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 59.3 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 9    | 35     | 45     | 1.02      | -0.036    | 3.304 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 60.6 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 9    | 45     | 45     | 0.984     | -0.02     | 3.304 | 0.013     | 0.01      | 0         | 54.2 | 55   | 61.5 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 9    | 55     | 45     | 0.994     | -0.026    | 3.304 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 61.5 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 20  | 10   | 5      | 45     | 1.001     | -0.062    | 3.304 | 0.016     | 0.016     | 0         | 54.2 | 55   | 61.9 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 10   | 15     | 45     | 0.984     | -0.02     | 3.304 | 0.013     | 0.01      | 0         | 54.2 | 55   | 61.5 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 10   | 25     | 45     | 0.994     | -0.026    | 3.304 | 0.016     | 0.013     | 0         | 53.8 | 55   | 61.9 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 10   | 35     | 45     | 0.984     | -0.003    | 3.304 | 0.016     | 0.013     | 0         | 54.2 | 55   | 60.6 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 10   | 45     | 45     | 1.001     | -0.043    | 3.304 | 0.013     | 0.01      | 0         | 54.2 | 55   | 62.4 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 10   | 55     | 45     | 0.974     | -0.02     | 3.304 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 61.9 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 11   | 5      | 45     | 0.997     | -0.072    | 3.304 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 61.9 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 20  | 11   | 15     | 45     | 1.01      | 0.01      | 3.304 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 61.5 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 20  | 11   | 25     | 45     | 0.994     | -0.079    | 3.304 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 62.8 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 11   | 35     | 45     | 1.004     | -0.046    | 3.304 | 0.016     | 0.016     | 0         | 53.8 | 54.6 | 61.9 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 11   | 45     | 45     | 1.01      | -0.003    | 3.304 | 0.013     | 0.01      | 0         | 54.2 | 54.2 | 61.9 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 20  | 11   | 55     | 45     | 0.994     | -0.033    | 3.304 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 62.4 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 20  | 12   | 5      | 45     | 0.997     | -0.036    | 3.304 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 61.1 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 20  | 12   | 15     | 45     | 0.961     | -0.023    | 3.304 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 62.8 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 12   | 25     | 45     | 1.014     | -0.013    | 3.304 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 60.6 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 12   | 35     | 45     | 1.001     | -0.013    | 3.304 | 0.016     | 0.016     | 0         | 53.8 | 54.2 | 62.4 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 20  | 12   | 45     | 45     | 0.997     | -0.026    | 3.304 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 62.8 | 155        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 12   | 55     | 45     | 1.004     | -0.016    | 3.304 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 63.2 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 13   | 5      | 45     | 1.004     | -0.039    | 3.301 | 0.013     | 0.01      | 0         | 52.9 | 53.8 | 61.9 | 154        | 156        | 0          | 31     | 31     |
| 2009 | 6     | 20  | 13   | 15     | 45     | 1.01      | -0.023    | 3.301 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 61.5 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 20  | 13   | 25     | 45     | 1.004     | -0.02     | 3.301 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 61.1 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 13   | 35     | 45     | 0.974     | 0         | 3.301 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 60.2 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 13   | 45     | 45     | 0.981     | -0.026    | 3.301 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 61.1 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 13   | 55     | 45     | 0.997     | -0.046    | 3.301 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 60.2 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 14   | 5      | 45     | 0.988     | 0         | 3.297 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 59.8 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 14   | 15     | 45     | 0.978     | -0.013    | 3.297 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 58.9 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 14   | 25     | 45     | 0.974     | -0.033    | 3.297 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 60.6 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 14   | 35     | 45     | 1.001     | -0.007    | 3.297 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 60.2 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 14   | 45     | 45     | 1.017     | 0         | 3.294 | 0.013     | 0.01      | 0         | 54.2 | 55   | 58.9 | 156        | 157        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 14   | 55     | 45     | 0.994     | -0.062    | 3.294 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 57.2 | 155        | 157        | 0          | 29     | 30     |
| 2009 | 6     | 20  | 15   | 5      | 45     | 0.968     | -0.013    | 3.287 | 0.016     | 0.013     | 0         | 53.8 | 53.8 | 57.6 | 155        | 156        | 0          | 30     | 31     |
| 2009 | 6     | 20  | 15   | 15     | 45     | 1.02      | -0.026    | 3.287 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 59.3 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 15   | 25     | 45     | 0.997     | -0.026    | 3.287 | 0.013     | 0.01      | 0         | 53.3 | 54.6 | 59.3 | 155        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 15   | 35     | 45     | 0.984     | -0.03     | 3.284 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 58.9 | 155        | 157        | 0          | 29     | 30     |
| 2009 | 6     | 20  | 15   | 45     | 45     | 0.997     | -0.033    | 3.284 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 58.9 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 15   | 55     | 45     | 0.997     | -0.01     | 3.284 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 60.2 | 155        | 157        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 20  | 16   | 5      | 45     | 0.978     | -0.043    | 3.281 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 60.6 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 16   | 15     | 45     | 0.955     | -0.033    | 3.281 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 60.2 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 16   | 25     | 45     | 0.988     | -0.075    | 3.281 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 61.9 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 16   | 35     | 45     | 1.01      | -0.016    | 3.281 | 0.016     | 0.013     | 0         | 54.2 | 55   | 60.6 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 16   | 45     | 45     | 0.978     | -0.046    | 3.281 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 60.6 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 16   | 55     | 45     | 1.004     | -0.03     | 3.281 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 60.6 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 17   | 5      | 45     | 0.997     | -0.046    | 3.281 | 0.016     | 0.013     | 0         | 53.8 | 55   | 61.1 | 155        | 157        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 17   | 15     | 45     | 0.994     | -0.039    | 3.281 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 61.1 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 17   | 25     | 45     | 0.978     | -0.007    | 3.278 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 61.5 | 155        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 17   | 35     | 45     | 0.988     | -0.059    | 3.278 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 62.4 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 17   | 45     | 45     | 0.981     | -0.046    | 3.278 | 0.016     | 0.016     | 0         | 53.8 | 54.2 | 61.1 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 20  | 17   | 55     | 45     | 0.988     | -0.026    | 3.278 | 0.016     | 0.016     | 0         | 53.8 | 54.6 | 61.1 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 18   | 5      | 45     | 0.978     | 0         | 3.278 | 0.013     | 0.01      | 0         | 54.6 | 55   | 58.5 | 156        | 158        | 0          | 29     | 30     |
| 2009 | 6     | 20  | 18   | 15     | 45     | 0.991     | -0.02     | 3.278 | 0.016     | 0.013     | 0         | 53.8 | 55   | 60.2 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 18   | 25     | 45     | 0.974     | -0.049    | 3.278 | 0.013     | 0.01      | 0         | 54.2 | 55   | 60.6 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 18   | 35     | 45     | 0.994     | 0         | 3.278 | 0.016     | 0.013     | 0         | 54.6 | 55   | 59.3 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 18   | 45     | 45     | 0.974     | -0.026    | 3.278 | 0.013     | 0.01      | 0         | 54.2 | 55   | 59.8 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 18   | 55     | 45     | 0.984     | 0         | 3.274 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 61.5 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 19   | 5      | 45     | 1.007     | -0.02     | 3.278 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 60.6 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 19   | 15     | 45     | 0.997     | -0.059    | 3.274 | 0.016     | 0.013     | 0         | 54.6 | 55   | 61.1 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 19   | 25     | 45     | 0.991     | -0.013    | 3.274 | 0.016     | 0.013     | 0         | 54.6 | 55   | 60.6 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 19   | 35     | 45     | 0.968     | -0.016    | 3.274 | 0.013     | 0.01      | 0         | 54.2 | 55   | 55.9 | 157        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 19   | 45     | 45     | 0.991     | -0.036    | 3.274 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 61.1 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 19   | 55     | 45     | 0.994     | -0.039    | 3.274 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 59.8 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 20   | 5      | 45     | 0.981     | -0.036    | 3.274 | 0.016     | 0.013     | 0         | 55   | 55.5 | 60.2 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 20   | 15     | 45     | 0.955     | -0.007    | 3.271 | 0.01      | 0.007     | 0         | 55   | 55.5 | 60.2 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 20   | 25     | 45     | 0.991     | -0.013    | 3.271 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 59.3 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 20   | 35     | 45     | 0.945     | -0.03     | 3.274 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 60.2 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 20   | 45     | 45     | 0.974     | 0         | 3.271 | 0.016     | 0.013     | 0         | 55   | 55.5 | 60.6 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 20   | 55     | 45     | 1.001     | -0.043    | 3.271 | 0.016     | 0.016     | 0         | 55   | 55.5 | 59.8 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 21   | 5      | 45     | 0.912     | -0.013    | 3.271 | 0.02      | 0.016     | 0         | 55   | 55.5 | 61.1 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 21   | 15     | 45     | 0.981     | -0.026    | 3.271 | 0.013     | 0.01      | 0         | 55   | 55.5 | 60.2 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 21   | 25     | 45     | 0.981     | -0.013    | 3.271 | 0.016     | 0.013     | 0         | 55   | 55   | 60.6 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 20  | 21   | 35     | 45     | 0.938     | -0.056    | 3.271 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 61.9 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 21   | 45     | 45     | 0.991     | -0.036    | 3.271 | 0.01      | 0.007     | 0         | 55   | 55.5 | 59.3 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 21   | 55     | 45     | 0.938     | 0         | 3.271 | 0.013     | 0.01      | 0         | 55   | 55   | 60.2 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 20  | 22   | 5      | 45     | 0.955     | -0.033    | 3.271 | 0.016     | 0.013     | 0         | 55   | 55.5 | 60.6 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 22   | 15     | 45     | 0.984     | -0.036    | 3.271 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.9 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 22   | 25     | 45     | 0.945     | -0.046    | 3.271 | 0.013     | 0.01      | 0         | 55   | 55.5 | 60.6 | 157        | 159        | 0          | 29     | 30     |
| 2009 | 6     | 20  | 22   | 35     | 45     | 0.978     | -0.007    | 3.271 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 61.1 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 22   | 45     | 45     | 0.991     | -0.059    | 3.271 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 61.5 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 22   | 55     | 45     | 0.971     | 0.007     | 3.271 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 20  | 23   | 5      | 45     | 1.001     | -0.046    | 3.268 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.5 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 23   | 15     | 45     | 1.001     | -0.062    | 3.268 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 61.1 | 158        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 20  | 23   | 25     | 45     | 0.981     | -0.033    | 3.268 | 0.013     | 0.01      | 0         | 55   | 55   | 61.1 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 20  | 23   | 35     | 45     | 0.955     | -0.023    | 3.268 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.9 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 23   | 45     | 45     | 0.971     | -0.049    | 3.268 | 0.013     | 0.01      | 0         | 54.6 | 55   | 60.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 20  | 23   | 55     | 45     | 0.984     | -0.013    | 3.268 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 61.5 | 157        | 159        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 21  | 0    | 5      | 45     | 0.981     | -0.039    | 3.268 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.1 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 0    | 15     | 45     | 0.951     | -0.036    | 3.268 | 0.013     | 0.01      | 0         | 55   | 55   | 61.1 | 157        | 159        | 0          | 29     | 31     |
| 2009 | 6     | 21  | 0    | 25     | 45     | 0.951     | -0.036    | 3.268 | 0.013     | 0.01      | 0         | 54.2 | 55   | 62.4 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 21  | 0    | 35     | 45     | 0.974     | -0.043    | 3.268 | 0.016     | 0.013     | 0         | 54.6 | 55   | 61.1 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 0    | 45     | 45     | 0.928     | -0.023    | 3.268 | 0.013     | 0.01      | 0         | 53.3 | 55   | 61.9 | 154        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 0    | 55     | 45     | 0.981     | -0.046    | 3.268 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 61.5 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 1    | 5      | 45     | 0.991     | -0.039    | 3.268 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 60.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 1    | 15     | 45     | 0.978     | -0.013    | 3.268 | 0.016     | 0.016     | 0         | 54.2 | 55.5 | 61.9 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 1    | 25     | 45     | 0.971     | -0.023    | 3.268 | 0.013     | 0.01      | 0         | 54.2 | 55   | 61.1 | 157        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 1    | 35     | 45     | 0.981     | -0.066    | 3.268 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.1 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 1    | 45     | 45     | 0.945     | -0.043    | 3.268 | 0.013     | 0.01      | 0         | 54.2 | 55   | 61.9 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 21  | 1    | 55     | 45     | 0.935     | -0.079    | 3.268 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.9 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 2    | 5      | 45     | 0.974     | -0.033    | 3.268 | 0.016     | 0.016     | 0         | 54.6 | 55   | 61.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 2    | 15     | 45     | 0.984     | -0.026    | 3.268 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 60.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 2    | 25     | 45     | 0.958     | -0.033    | 3.268 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 61.5 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 2    | 35     | 45     | 0.968     | -0.079    | 3.268 | 0.016     | 0.013     | 0         | 54.6 | 55   | 61.1 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 2    | 45     | 45     | 0.974     | -0.02     | 3.268 | 0.01      | 0.007     | 0         | 54.6 | 55   | 62.4 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 2    | 55     | 45     | 0.974     | -0.039    | 3.268 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 61.1 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 3    | 5      | 45     | 0.984     | -0.026    | 3.268 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 61.1 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 3    | 15     | 45     | 0.958     | -0.036    | 3.264 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.9 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 3    | 25     | 45     | 0.981     | -0.049    | 3.264 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 61.1 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 3    | 35     | 45     | 0.955     | -0.036    | 3.264 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 61.1 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 3    | 45     | 45     | 0.948     | -0.007    | 3.264 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 3    | 55     | 45     | 0.958     | -0.026    | 3.264 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 62.4 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 4    | 5      | 45     | 0.997     | -0.016    | 3.264 | 0.01      | 0.007     | 0         | 54.6 | 55   | 60.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 4    | 15     | 45     | 0.978     | -0.02     | 3.264 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.5 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 4    | 25     | 45     | 0.971     | -0.036    | 3.264 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 60.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 4    | 35     | 45     | 0.971     | -0.043    | 3.264 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.1 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 4    | 45     | 45     | 0.951     | -0.059    | 3.264 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 60.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 4    | 55     | 45     | 0.978     | -0.079    | 3.264 | 0.013     | 0.01      | 0         | 54.2 | 55   | 60.2 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 21  | 5    | 5      | 45     | 1.004     | -0.026    | 3.264 | 0.016     | 0.013     | 0         | 54.6 | 55   | 61.1 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 5    | 15     | 45     | 0.955     | -0.046    | 3.264 | 0.016     | 0.013     | 0         | 55   | 55   | 60.2 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 5    | 25     | 45     | 0.978     | -0.03     | 3.264 | 0.013     | 0.01      | 0         | 54.6 | 55   | 60.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 5    | 35     | 45     | 0.988     | -0.043    | 3.264 | 0.016     | 0.013     | 0         | 54.2 | 55   | 58.9 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 21  | 5    | 45     | 45     | 0.948     | -0.062    | 3.264 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 60.2 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 5    | 55     | 45     | 0.991     | -0.039    | 3.264 | 0.016     | 0.013     | 0         | 55   | 55.5 | 59.3 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 6    | 5      | 45     | 0.958     | -0.039    | 3.264 | 0.013     | 0.01      | 0         | 55   | 55   | 58.5 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 6    | 15     | 45     | 0.981     | -0.046    | 3.264 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 59.8 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 6    | 25     | 45     | 1.007     | -0.039    | 3.264 | 0.02      | 0.016     | 0         | 54.6 | 55.5 | 60.6 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 21  | 6    | 35     | 45     | 0.988     | -0.046    | 3.264 | 0.013     | 0.01      | 0         | 55   | 55.5 | 59.3 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 6    | 45     | 45     | 0.994     | -0.066    | 3.264 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 58   | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 21  | 6    | 55     | 45     | 0.971     | -0.062    | 3.264 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 59.8 | 158        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 7    | 5      | 45     | 0.961     | -0.043    | 3.264 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 58.9 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 21  | 7    | 15     | 45     | 0.958     | -0.062    | 3.264 | 0.016     | 0.016     | 0         | 55   | 55.9 | 59.8 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 7    | 25     | 45     | 0.988     | -0.079    | 3.264 | 0.016     | 0.016     | 0         | 55   | 55.9 | 59.8 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 7    | 35     | 45     | 0.942     | -0.033    | 3.264 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 60.2 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 7    | 45     | 45     | 0.968     | -0.039    | 3.264 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 60.2 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 21  | 7    | 55     | 45     | 0.968     | -0.049    | 3.264 | 0.016     | 0.013     | 0         | 54.6 | 55   | 59.3 | 157        | 159        | 0          | 30     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 21  | 8    | 5      | 45     | 0.945     | -0.043    | 3.264 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 59.8 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 8    | 15     | 45     | 0.974     | -0.03     | 3.261 | 0.016     | 0.013     | 0         | 55   | 55.5 | 59.8 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 8    | 25     | 45     | 0.974     | -0.056    | 3.261 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 60.2 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 8    | 35     | 45     | 0.971     | -0.046    | 3.261 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 60.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 8    | 45     | 45     | 0.974     | -0.072    | 3.264 | 0.02      | 0.016     | 0         | 55   | 55   | 60.2 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 8    | 55     | 45     | 0.945     | -0.043    | 3.264 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 60.6 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 9    | 5      | 45     | 0.978     | -0.066    | 3.261 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 60.6 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 9    | 15     | 45     | 0.997     | -0.043    | 3.261 | 0.016     | 0.013     | 0         | 53.8 | 55   | 60.6 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 9    | 25     | 45     | 0.942     | -0.062    | 3.261 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 61.9 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 21  | 9    | 35     | 45     | 0.984     | -0.03     | 3.261 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 60.6 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 9    | 45     | 45     | 0.968     | -0.049    | 3.261 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 60.6 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 21  | 9    | 55     | 45     | 0.958     | -0.023    | 3.261 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 61.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 10   | 5      | 45     | 0.935     | -0.046    | 3.261 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 61.9 | 156        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 21  | 10   | 15     | 45     | 0.968     | -0.059    | 3.261 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 62.4 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 10   | 25     | 45     | 0.981     | -0.02     | 3.261 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 60.6 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 10   | 35     | 45     | 0.961     | -0.059    | 3.261 | 0.016     | 0.013     | 0         | 53.3 | 54.6 | 62.4 | 155        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 10   | 45     | 45     | 0.981     | -0.062    | 3.261 | 0.016     | 0.016     | 0         | 53.3 | 54.2 | 61.9 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 21  | 10   | 55     | 45     | 0.942     | -0.03     | 3.261 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 61.9 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 21  | 11   | 5      | 45     | 0.951     | -0.016    | 3.261 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 63.2 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 11   | 15     | 45     | 0.948     | -0.043    | 3.261 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 60.6 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 21  | 11   | 25     | 45     | 0.965     | -0.016    | 3.261 | 0.013     | 0.01      | 0         | 53.8 | 54.2 | 62.4 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 11   | 35     | 45     | 0.984     | -0.013    | 3.261 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 63.2 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 11   | 45     | 45     | 0.932     | -0.023    | 3.261 | 0.02      | 0.016     | 0         | 54.2 | 54.6 | 61.1 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 11   | 55     | 45     | 0.968     | 0.026     | 3.261 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 61.5 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 12   | 5      | 45     | 0.965     | -0.016    | 3.261 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 61.5 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 12   | 15     | 45     | 0.971     | 0.007     | 3.261 | 0.013     | 0.01      | 0         | 53.3 | 54.2 | 61.5 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 21  | 12   | 25     | 45     | 0.955     | -0.03     | 3.261 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 62.4 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 12   | 35     | 45     | 0.968     | 0         | 3.261 | 0.01      | 0.007     | 0         | 53.3 | 54.2 | 61.1 | 155        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 12   | 45     | 45     | 0.981     | -0.016    | 3.261 | 0.016     | 0.016     | 0         | 52.9 | 54.2 | 61.9 | 154        | 156        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 12   | 55     | 45     | 0.988     | -0.033    | 3.261 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 62.4 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 13   | 5      | 45     | 0.981     | -0.013    | 3.261 | 0.016     | 0.016     | 0         | 53.3 | 54.2 | 60.6 | 155        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 21  | 13   | 15     | 45     | 0.961     | 0         | 3.258 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 61.1 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 13   | 25     | 45     | 0.981     | -0.013    | 3.258 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 59.8 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 13   | 35     | 45     | 0.978     | 0         | 3.258 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 61.5 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 13   | 45     | 45     | 0.978     | -0.007    | 3.258 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 57.6 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 13   | 55     | 45     | 0.988     | -0.033    | 3.258 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 59.8 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 14   | 5      | 45     | 0.968     | 0.007     | 3.258 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 59.8 | 156        | 157        | 0          | 31     | 31     |
| 2009 | 6     | 21  | 14   | 15     | 45     | 0.971     | -0.016    | 3.255 | 0.016     | 0.013     | 0         | 54.6 | 54.2 | 59.3 | 156        | 157        | 0          | 29     | 31     |
| 2009 | 6     | 21  | 14   | 25     | 45     | 0.958     | -0.026    | 3.255 | 0.016     | 0.013     | 0         | 54.2 | 55   | 58   | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 14   | 35     | 45     | 0.955     | -0.013    | 3.255 | 0.013     | 0.01      | 0         | 54.2 | 55   | 59.3 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 14   | 45     | 45     | 0.955     | 0.02      | 3.255 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 58   | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 14   | 55     | 45     | 0.951     | -0.003    | 3.251 | 0.016     | 0.016     | 0         | 54.2 | 52.9 | 55.9 | 156        | 154        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 15   | 5      | 45     | 0.971     | -0.013    | 3.251 | 0.016     | 0.013     | 0         | 54.2 | 53.3 | 58   | 156        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 15   | 15     | 45     | 0.951     | 0.016     | 3.251 | 0.016     | 0.013     | 0         | 54.2 | 53.3 | 56.8 | 156        | 154        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 15   | 25     | 45     | 0.948     | -0.052    | 3.251 | 0.016     | 0.013     | 0         | 54.2 | 53.8 | 57.6 | 156        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 15   | 35     | 45     | 0.965     | -0.026    | 3.245 | 0.016     | 0.016     | 0         | 54.6 | 53.8 | 55.5 | 156        | 156        | 0          | 29     | 31     |
| 2009 | 6     | 21  | 15   | 45     | 45     | 0.984     | -0.043    | 3.245 | 0.016     | 0.013     | 0         | 54.2 | 53.8 | 58   | 156        | 155        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 15   | 55     | 45     | 0.951     | 0         | 3.245 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 57.6 | 156        | 156        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 21  | 16   | 5      | 45     | 0.981     | -0.01     | 3.241 | 0.016     | 0.016     | 0         | 54.2 | 54.2 | 57.6 | 156        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 16   | 15     | 45     | 0.938     | -0.007    | 3.241 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 58.9 | 156        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 16   | 25     | 45     | 0.961     | 0.013     | 3.241 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 58.9 | 156        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 16   | 35     | 45     | 0.945     | -0.033    | 3.241 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 59.3 | 156        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 16   | 45     | 45     | 0.984     | -0.03     | 3.238 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 58.9 | 156        | 156        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 16   | 55     | 45     | 0.978     | 0.013     | 3.241 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 60.2 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 17   | 5      | 45     | 0.997     | -0.003    | 3.238 | 0.013     | 0.01      | 0         | 54.2 | 55   | 58.5 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 17   | 15     | 45     | 0.968     | -0.013    | 3.238 | 0.013     | 0.01      | 0         | 54.6 | 54.2 | 58.5 | 157        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 17   | 25     | 45     | 0.965     | -0.02     | 3.238 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 58.5 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 21  | 17   | 35     | 45     | 0.968     | 0.003     | 3.238 | 0.016     | 0.013     | 0         | 54.6 | 55   | 59.3 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 17   | 45     | 45     | 0.981     | -0.016    | 3.238 | 0.016     | 0.016     | 0         | 55   | 55.5 | 58   | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 17   | 55     | 45     | 0.981     | -0.026    | 3.238 | 0.016     | 0.013     | 0         | 54.6 | 55   | 57.6 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 18   | 5      | 45     | 0.978     | -0.013    | 3.238 | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 57.6 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 18   | 15     | 45     | 0.925     | 0         | 3.238 | 0.013     | 0.01      | 0         | 54.2 | 55   | 58.9 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 18   | 25     | 45     | 0.994     | 0.007     | 3.238 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 59.3 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 18   | 35     | 45     | 0.974     | -0.013    | 3.235 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 58   | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 18   | 45     | 45     | 0.961     | -0.023    | 3.235 | 0.016     | 0.016     | 0         | 54.6 | 55   | 58.5 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 18   | 55     | 45     | 0.978     | -0.007    | 3.235 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 58.9 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 19   | 5      | 45     | 0.938     | -0.013    | 3.235 | 0.013     | 0.01      | 0         | 54.6 | 55   | 58.9 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 19   | 15     | 45     | 0.961     | -0.02     | 3.235 | 0.016     | 0.013     | 0         | 54.6 | 55   | 58.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 19   | 25     | 45     | 0.958     | 0.003     | 3.235 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 58.5 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 19   | 35     | 45     | 0.945     | 0.003     | 3.235 | 0.016     | 0.013     | 0         | 54.2 | 55   | 59.8 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 19   | 45     | 45     | 0.971     | -0.033    | 3.235 | 0.016     | 0.013     | 0         | 54.6 | 55   | 58   | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 19   | 55     | 45     | 0.965     | -0.023    | 3.235 | 0.016     | 0.013     | 0         | 54.6 | 55   | 58.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 20   | 5      | 45     | 0.961     | -0.03     | 3.235 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 58.5 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 20   | 15     | 45     | 0.961     | -0.026    | 3.235 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 58   | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 20   | 25     | 45     | 0.909     | -0.026    | 3.235 | 0.016     | 0.013     | 0         | 54.6 | 55   | 58.9 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 20   | 35     | 45     | 0.971     | -0.033    | 3.238 | 0.016     | 0.013     | 0         | 54.6 | 55   | 58.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 20   | 45     | 45     | 0.951     | -0.016    | 3.238 | 0.016     | 0.013     | 0         | 55   | 55.5 | 56.3 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 20   | 55     | 45     | 0.955     | -0.046    | 3.238 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 57.6 | 158        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 21   | 5      | 45     | 0.935     | -0.046    | 3.235 | 0.016     | 0.013     | 0         | 55   | 55.5 | 57.2 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 21   | 15     | 45     | 0.938     | -0.023    | 3.238 | 0.016     | 0.013     | 0         | 55   | 55.5 | 58.5 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 21   | 25     | 45     | 0.915     | -0.023    | 3.238 | 0.016     | 0.013     | 0         | 55   | 55.9 | 56.8 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 21   | 35     | 45     | 0.968     | -0.02     | 3.238 | 0.013     | 0.01      | 0         | 55   | 55.9 | 57.6 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 21   | 45     | 45     | 0.971     | 0         | 3.238 | 0.013     | 0.01      | 0         | 55   | 55.9 | 58   | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 21   | 55     | 45     | 0.935     | -0.046    | 3.241 | 0.016     | 0.013     | 0         | 55   | 55.9 | 58   | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 22   | 5      | 45     | 0.955     | -0.056    | 3.238 | 0.016     | 0.016     | 0         | 55   | 55.5 | 58.5 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 22   | 15     | 45     | 0.974     | -0.01     | 3.238 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 56.3 | 158        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 22   | 25     | 45     | 0.892     | 0.03      | 3.238 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 56.8 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 22   | 35     | 45     | 0.928     | 0.003     | 3.238 | 0.013     | 0.01      | 0         | 55   | 55.5 | 57.6 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 22   | 45     | 45     | 0.922     | -0.016    | 3.238 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 57.6 | 158        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 22   | 55     | 45     | 0.961     | -0.036    | 3.241 | 0.013     | 0.01      | 0         | 55   | 55.5 | 58.5 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 21  | 23   | 5      | 45     | 0.945     | -0.036    | 3.238 | 0.013     | 0.01      | 0         | 55   | 55   | 58   | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 23   | 15     | 45     | 0.938     | -0.039    | 3.241 | 0.016     | 0.013     | 0         | 54.6 | 55   | 58.9 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 23   | 25     | 45     | 0.955     | -0.059    | 3.241 | 0.016     | 0.016     | 0         | 54.6 | 55   | 58   | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 23   | 35     | 45     | 0.922     | -0.026    | 3.241 | 0.016     | 0.016     | 0         | 54.6 | 55   | 58.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 21  | 23   | 45     | 45     | 0.955     | -0.03     | 3.241 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 58   | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 21  | 23   | 55     | 45     | 0.968     | -0.046    | 3.241 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 59.3 | 158        | 160        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 22  | 0    | 5      | 45     | 0.938     | -0.066    | 3.241 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 58.9 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 0    | 15     | 45     | 0.971     | -0.03     | 3.245 | 0.016     | 0.013     | 0         | 55   | 55   | 59.3 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 0    | 25     | 45     | 0.968     | -0.059    | 3.245 | 0.016     | 0.013     | 0         | 55   | 55   | 59.3 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 0    | 35     | 45     | 0.945     | -0.095    | 3.241 | 0.013     | 0.01      | 0         | 54.6 | 55   | 59.3 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 0    | 45     | 45     | 0.955     | -0.046    | 3.245 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 59.8 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 0    | 55     | 45     | 0.965     | -0.039    | 3.245 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 59.8 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 1    | 5      | 45     | 0.955     | -0.023    | 3.245 | 0.013     | 0.01      | 0         | 54.6 | 55   | 60.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 1    | 15     | 45     | 0.955     | -0.03     | 3.245 | 0.016     | 0.016     | 0         | 54.6 | 55   | 59.8 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 1    | 25     | 45     | 0.951     | -0.026    | 3.245 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 59.8 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 1    | 35     | 45     | 0.912     | -0.085    | 3.245 | 0.016     | 0.013     | 0         | 54.6 | 55   | 61.1 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 1    | 45     | 45     | 0.981     | -0.03     | 3.245 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 60.2 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 1    | 55     | 45     | 0.922     | -0.052    | 3.245 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.1 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 2    | 5      | 45     | 0.951     | -0.039    | 3.245 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 61.1 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 2    | 15     | 45     | 0.951     | -0.062    | 3.245 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 60.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 2    | 25     | 45     | 0.951     | -0.043    | 3.245 | 0.013     | 0.01      | 0         | 54.6 | 55   | 60.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 2    | 35     | 45     | 0.935     | -0.039    | 3.245 | 0.016     | 0.016     | 0         | 54.6 | 55   | 61.1 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 2    | 45     | 45     | 0.978     | -0.036    | 3.248 | 0.016     | 0.013     | 0         | 54.6 | 55   | 60.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 2    | 55     | 45     | 0.958     | -0.056    | 3.248 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 59.3 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 3    | 5      | 45     | 0.935     | -0.056    | 3.248 | 0.013     | 0.01      | 0         | 54.6 | 55   | 60.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 3    | 15     | 45     | 0.978     | -0.049    | 3.248 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 60.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 3    | 25     | 45     | 0.938     | -0.03     | 3.248 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.1 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 3    | 35     | 45     | 0.935     | -0.049    | 3.248 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 60.6 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 3    | 45     | 45     | 0.965     | -0.052    | 3.248 | 0.013     | 0.01      | 0         | 54.6 | 55   | 60.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 3    | 55     | 45     | 0.948     | -0.059    | 3.248 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 61.5 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 4    | 5      | 45     | 0.951     | -0.049    | 3.248 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 62.4 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 22  | 4    | 15     | 45     | 0.942     | -0.056    | 3.248 | 0.016     | 0.013     | 0         | 54.2 | 55   | 61.9 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 4    | 25     | 45     | 0.988     | -0.046    | 3.248 | 0.016     | 0.016     | 0         | 53.8 | 54.6 | 63.2 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 22  | 4    | 35     | 45     | 0.968     | -0.033    | 3.248 | 0.01      | 0.007     | 0         | 54.2 | 55.5 | 61.5 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 4    | 45     | 45     | 0.938     | -0.059    | 3.248 | 0.013     | 0.01      | 0         | 54.2 | 55   | 61.9 | 157        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 4    | 55     | 45     | 0.958     | -0.062    | 3.248 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 61.5 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 22  | 5    | 5      | 45     | 0.928     | -0.052    | 3.248 | 0.016     | 0.016     | 0         | 54.2 | 55.5 | 62.4 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 5    | 15     | 45     | 0.912     | -0.03     | 3.248 | 0.016     | 0.016     | 0         | 54.6 | 55   | 61.9 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 5    | 25     | 45     | 0.958     | -0.056    | 3.248 | 0.016     | 0.016     | 0         | 54.2 | 55.5 | 61.9 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 5    | 35     | 45     | 0.971     | -0.01     | 3.248 | 0.016     | 0.013     | 0         | 54.2 | 55   | 61.9 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 22  | 5    | 45     | 45     | 0.925     | -0.066    | 3.248 | 0.016     | 0.013     | 0         | 54.2 | 55   | 62.8 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 22  | 5    | 55     | 45     | 0.955     | -0.072    | 3.248 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 62.8 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 6    | 5      | 45     | 0.942     | -0.052    | 3.248 | 0.016     | 0.013     | 0         | 54.6 | 55   | 61.9 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 6    | 15     | 45     | 0.955     | -0.059    | 3.248 | 0.016     | 0.013     | 0         | 54.6 | 55   | 63.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 6    | 25     | 45     | 0.984     | -0.049    | 3.248 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 62.8 | 156        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 6    | 35     | 45     | 0.951     | -0.079    | 3.248 | 0.016     | 0.013     | 0         | 54.6 | 55   | 61.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 6    | 45     | 45     | 0.951     | -0.023    | 3.248 | 0.02      | 0.016     | 0         | 54.6 | 55   | 61.9 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 6    | 55     | 45     | 0.938     | -0.056    | 3.248 | 0.016     | 0.013     | 0         | 53.8 | 54.2 | 61.9 | 156        | 158        | 0          | 31     | 32     |
| 2009 | 6     | 22  | 7    | 5      | 45     | 1.001     | -0.069    | 3.248 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 62.8 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 7    | 15     | 45     | 0.922     | -0.072    | 3.248 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 62.8 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 7    | 25     | 45     | 0.922     | -0.043    | 3.248 | 0.016     | 0.013     | 0         | 54.2 | 55   | 62.4 | 156        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 7    | 40     | 50     | 0.955     | -0.066    | 3.248 | 0.016     | 0.016     | 0         | 55   | 55.9 | 62.4 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 22  | 7    | 50     | 50     | 0.942     | -0.03     | 3.248 | 0.013     | 0.01      | 0         | 55   | 55.5 | 61.5 | 159        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 22  | 8    | 0      | 50     | 0.971     | -0.043    | 3.248 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 62.8 | 158        | 161        | 0          | 31     | 31     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 22  | 8    | 10     | 50     | 0.928     | -0.072    | 3.248 | 0.016     | 0.016     | 0         | 55   | 55.5 | 60.6 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 8    | 20     | 50     | 0.968     | -0.066    | 3.248 | 0.013     | 0.01      | 0         | 55   | 55.5 | 61.1 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 8    | 30     | 50     | 0.961     | -0.03     | 3.245 | 0.016     | 0.016     | 0         | 55   | 55.9 | 60.6 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 22  | 8    | 40     | 50     | 0.955     | -0.01     | 3.245 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 61.5 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 8    | 50     | 50     | 0.961     | -0.03     | 3.248 | 0.016     | 0.016     | 0         | 55   | 56.3 | 62.8 | 159        | 161        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 9    | 0      | 50     | 0.978     | 0         | 3.245 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 62.8 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 9    | 10     | 50     | 0.951     | -0.023    | 3.245 | 0.016     | 0.016     | 0         | 54.6 | 55.9 | 62.8 | 158        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 22  | 9    | 20     | 50     | 0.958     | -0.03     | 3.245 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 62.4 | 159        | 161        | 0          | 30     | 32     |
| 2009 | 6     | 22  | 9    | 30     | 50     | 0.971     | -0.059    | 3.245 | 0.016     | 0.013     | 0         | 55   | 55.9 | 61.9 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 22  | 9    | 40     | 50     | 0.928     | -0.049    | 3.245 | 0.016     | 0.013     | 0         | 55   | 55.5 | 62.8 | 159        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 22  | 9    | 50     | 50     | 0.958     | -0.033    | 3.245 | 0.013     | 0.01      | 0         | 55   | 55.9 | 62.8 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 22  | 10   | 0      | 50     | 0.955     | -0.03     | 3.245 | 0.013     | 0.01      | 0         | 55   | 55.9 | 61.9 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 22  | 10   | 10     | 50     | 0.945     | 0         | 3.245 | 0.016     | 0.016     | 0         | 55   | 55.9 | 61.1 | 158        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 10   | 20     | 50     | 0.951     | -0.03     | 3.245 | 0.016     | 0.013     | 0         | 55   | 55.9 | 61.5 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 10   | 30     | 50     | 0.958     | -0.043    | 3.245 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 62.4 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 10   | 40     | 50     | 0.942     | -0.023    | 3.245 | 0.016     | 0.013     | 0         | 55   | 55.9 | 61.5 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 22  | 10   | 50     | 50     | 0.942     | -0.033    | 3.245 | 0.016     | 0.013     | 0         | 55   | 56.3 | 61.1 | 159        | 161        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 11   | 0      | 50     | 0.942     | 0         | 3.245 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 61.5 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 11   | 10     | 50     | 0.958     | -0.049    | 3.245 | 0.016     | 0.013     | 0         | 55   | 55.5 | 61.5 | 159        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 22  | 11   | 20     | 50     | 0.942     | -0.043    | 3.241 | 0.013     | 0.01      | 0         | 55   | 55.9 | 61.5 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 22  | 11   | 30     | 50     | 0.951     | -0.026    | 3.241 | 0.016     | 0.016     | 0         | 54.6 | 55.9 | 58   | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 11   | 40     | 50     | 0.955     | -0.026    | 3.238 | 0.016     | 0.013     | 0         | 55   | 56.3 | 60.2 | 159        | 161        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 11   | 50     | 50     | 0.961     | -0.02     | 3.238 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 58.5 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 12   | 0      | 50     | 0.961     | -0.052    | 3.235 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 60.6 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 22  | 12   | 10     | 50     | 0.955     | -0.01     | 3.232 | 0.016     | 0.013     | 0         | 55   | 55.9 | 61.1 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 22  | 12   | 20     | 50     | 0.942     | -0.033    | 3.232 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 61.1 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 12   | 30     | 50     | 0.938     | -0.023    | 3.232 | 0.016     | 0.013     | 0         | 55   | 55.5 | 60.6 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 12   | 40     | 50     | 0.955     | 0         | 3.232 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 61.1 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 12   | 50     | 50     | 0.965     | -0.03     | 3.228 | 0.013     | 0.01      | 0         | 55   | 55.9 | 61.1 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 13   | 0      | 50     | 0.942     | -0.033    | 3.228 | 0.016     | 0.013     | 0         | 55   | 55.9 | 61.5 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 13   | 10     | 50     | 0.935     | -0.026    | 3.232 | 0.016     | 0.016     | 0         | 58   | 58.5 | 60.2 | 165        | 166        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 13   | 20     | 50     | 0.928     | -0.033    | 3.228 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 61.5 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 13   | 30     | 50     | 0.942     | -0.085    | 3.228 | 0.013     | 0.01      | 0         | 55   | 55.9 | 61.1 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 13   | 40     | 50     | 0.932     | -0.016    | 3.228 | 0.016     | 0.013     | 0         | 55   | 55.9 | 61.5 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 13   | 50     | 50     | 0.935     | -0.043    | 3.228 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 63.2 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 14   | 0      | 50     | 0.938     | -0.016    | 3.228 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 61.9 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 14   | 10     | 50     | 0.928     | -0.023    | 3.228 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 62.4 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 14   | 20     | 50     | 0.958     | -0.075    | 3.228 | 0.013     | 0.01      | 0         | 54.6 | 55   | 63.2 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 14   | 30     | 50     | 0.942     | -0.026    | 3.228 | 0.013     | 0.01      | 0         | 54.6 | 55   | 62.8 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 14   | 40     | 50     | 0.951     | -0.033    | 3.228 | 0.016     | 0.013     | 0         | 54.2 | 55   | 62.8 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 14   | 50     | 50     | 0.951     | 0         | 3.228 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 62.4 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 15   | 0      | 50     | 0.935     | -0.026    | 3.225 | 0.016     | 0.016     | 0         | 54.6 | 55   | 62.8 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 15   | 10     | 50     | 0.925     | -0.052    | 3.228 | 0.016     | 0.013     | 0         | 54.6 | 55   | 62.8 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 15   | 20     | 50     | 0.974     | -0.02     | 3.225 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 63.2 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 15   | 30     | 50     | 0.945     | -0.016    | 3.225 | 0.016     | 0.013     | 0         | 54.6 | 55   | 61.9 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 15   | 40     | 50     | 0.935     | -0.01     | 3.225 | 0.016     | 0.016     | 0         | 53.3 | 55   | 61.9 | 157        | 158        | 0          | 33     | 30     |
| 2009 | 6     | 22  | 15   | 50     | 50     | 0.945     | -0.007    | 3.225 | 0.016     | 0.013     | 0         | 55   | 54.6 | 60.6 | 157        | 158        | 0          | 29     | 31     |
| 2009 | 6     | 22  | 16   | 0      | 50     | 0.942     | -0.02     | 3.225 | 0.016     | 0.013     | 0         | 54.6 | 55   | 61.1 | 157        | 158        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 22  | 16   | 10     | 50     | 0.925     | -0.046    | 3.225 | 0.016     | 0.013     | 0         | 53.8 | 55   | 61.5 | 157        | 158        | 0          | 32     | 30     |
| 2009 | 6     | 22  | 16   | 20     | 50     | 0.978     | -0.007    | 3.225 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 62.8 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 22  | 16   | 30     | 50     | 0.935     | 0.036     | 3.225 | 0.016     | 0.016     | 0         | 54.2 | 55   | 61.5 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 16   | 40     | 50     | 0.958     | -0.02     | 3.225 | 0.013     | 0.01      | 0         | 54.6 | 55   | 60.2 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 16   | 50     | 50     | 0.922     | -0.013    | 3.225 | 0.016     | 0.013     | 0         | 54.6 | 55   | 59.3 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 17   | 0      | 50     | 0.945     | -0.023    | 3.225 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 61.9 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 17   | 10     | 50     | 0.955     | -0.03     | 3.225 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 61.9 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 17   | 20     | 50     | 0.935     | -0.039    | 3.225 | 0.02      | 0.016     | 0         | 54.2 | 54.6 | 62.8 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 17   | 30     | 50     | 0.948     | -0.01     | 3.225 | 0.013     | 0.01      | 0         | 54.2 | 55   | 63.2 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 17   | 40     | 50     | 0.938     | 0         | 3.222 | 0.01      | 0.007     | 0         | 54.6 | 55   | 58.9 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 17   | 50     | 50     | 0.948     | 0         | 3.222 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.9 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 18   | 0      | 50     | 0.965     | -0.023    | 3.222 | 0.02      | 0.016     | 0         | 54.6 | 55.5 | 61.5 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 18   | 10     | 50     | 0.942     | -0.02     | 3.222 | 0.013     | 0.01      | 0         | 53.8 | 55   | 63.6 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 18   | 20     | 50     | 0.932     | -0.02     | 3.222 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.9 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 18   | 30     | 50     | 0.945     | -0.033    | 3.222 | 0.016     | 0.013     | 0         | 54.6 | 55   | 62.4 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 18   | 40     | 50     | 0.922     | -0.03     | 3.222 | 0.016     | 0.016     | 0         | 54.6 | 55   | 64.1 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 18   | 50     | 50     | 0.958     | 0.003     | 3.222 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 63.2 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 19   | 0      | 50     | 0.912     | 0         | 3.222 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 64.5 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 22  | 19   | 10     | 50     | 0.942     | -0.033    | 3.222 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 63.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 19   | 20     | 50     | 0.925     | -0.046    | 3.222 | 0.013     | 0.01      | 0         | 54.2 | 55   | 63.6 | 157        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 19   | 30     | 50     | 0.971     | -0.023    | 3.222 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 64.1 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 19   | 40     | 50     | 0.928     | -0.039    | 3.222 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 64.5 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 19   | 50     | 50     | 0.938     | -0.03     | 3.222 | 0.016     | 0.013     | 0         | 54.6 | 55   | 64.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 20   | 0      | 50     | 0.909     | -0.02     | 3.219 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 64.1 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 20   | 10     | 50     | 0.942     | -0.069    | 3.219 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 64.1 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 20   | 20     | 50     | 0.955     | -0.069    | 3.219 | 0.016     | 0.016     | 0         | 54.6 | 55   | 63.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 20   | 30     | 50     | 0.971     | -0.049    | 3.219 | 0.016     | 0.013     | 0         | 54.6 | 55   | 63.6 | 158        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 22  | 20   | 40     | 50     | 0.922     | -0.046    | 3.219 | 0.016     | 0.013     | 0         | 55.5 | 55   | 63.6 | 158        | 159        | 0          | 29     | 31     |
| 2009 | 6     | 22  | 20   | 50     | 50     | 0.971     | -0.043    | 3.219 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 63.2 | 158        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 21   | 0      | 50     | 0.915     | -0.039    | 3.219 | 0.01      | 0.007     | 0         | 55   | 55.5 | 63.2 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 21   | 10     | 50     | 0.958     | -0.007    | 3.219 | 0.013     | 0.01      | 0         | 55   | 55.9 | 64.1 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 21   | 20     | 50     | 0.928     | 0         | 3.219 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 62.8 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 21   | 30     | 50     | 0.919     | -0.01     | 3.219 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 63.6 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 21   | 40     | 50     | 0.925     | -0.003    | 3.219 | 0.016     | 0.013     | 0         | 55   | 55.5 | 62.8 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 21   | 50     | 50     | 0.928     | -0.003    | 3.219 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 64.1 | 158        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 22  | 22   | 0      | 50     | 0.938     | -0.039    | 3.219 | 0.016     | 0.013     | 0         | 54.6 | 55   | 64.1 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 22   | 10     | 50     | 0.919     | -0.013    | 3.219 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 63.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 22   | 20     | 50     | 0.932     | -0.062    | 3.219 | 0.016     | 0.013     | 0         | 54.6 | 55   | 64.1 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 22   | 30     | 50     | 0.945     | -0.02     | 3.219 | 0.013     | 0.01      | 0         | 54.6 | 55   | 64.1 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 22   | 40     | 50     | 0.945     | -0.052    | 3.219 | 0.013     | 0.01      | 0         | 54.6 | 55   | 63.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 22   | 50     | 50     | 0.925     | -0.03     | 3.219 | 0.016     | 0.013     | 0         | 54.6 | 55   | 64.1 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 23   | 0      | 50     | 0.948     | -0.043    | 3.219 | 0.016     | 0.016     | 0         | 54.6 | 55   | 63.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 23   | 10     | 50     | 0.912     | -0.046    | 3.219 | 0.016     | 0.016     | 0         | 54.6 | 55   | 63.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 23   | 20     | 50     | 0.951     | -0.036    | 3.219 | 0.016     | 0.013     | 0         | 54.6 | 55   | 62.8 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 22  | 23   | 30     | 50     | 0.942     | -0.03     | 3.219 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 63.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 23   | 40     | 50     | 0.951     | -0.026    | 3.219 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 63.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 23   | 50     | 50     | 0.899     | -0.013    | 3.219 | 0.013     | 0.01      | 0         | 54.6 | 55   | 63.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 0    | 0      | 50     | 0.915     | -0.039    | 3.219 | 0.013     | 0.01      | 0         | 54.2 | 55   | 64.5 | 157        | 159        | 0          | 31     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 23  | 0    | 10     | 50     | 0.938     | -0.013    | 3.219 | 0.016     | 0.013     | 0         | 54.6 | 55   | 64.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 0    | 20     | 50     | 0.919     | -0.016    | 3.219 | 0.013     | 0.01      | 0         | 54.2 | 55   | 63.6 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 0    | 30     | 50     | 0.955     | -0.026    | 3.219 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 63.2 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 0    | 40     | 50     | 0.961     | -0.075    | 3.219 | 0.016     | 0.013     | 0         | 54.6 | 55   | 62.8 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 0    | 50     | 50     | 0.942     | -0.043    | 3.219 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 63.2 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 1    | 0      | 50     | 0.951     | -0.049    | 3.215 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 63.2 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 1    | 10     | 50     | 0.945     | -0.02     | 3.219 | 0.016     | 0.013     | 0         | 54.6 | 55   | 63.6 | 158        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 1    | 20     | 50     | 0.958     | -0.049    | 3.215 | 0.02      | 0.016     | 0         | 54.2 | 55.5 | 64.1 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 1    | 30     | 50     | 0.958     | -0.098    | 3.219 | 0.013     | 0.01      | 0         | 54.6 | 55   | 63.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 1    | 40     | 50     | 0.951     | -0.016    | 3.215 | 0.013     | 0.01      | 0         | 54.6 | 55   | 63.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 1    | 50     | 50     | 0.925     | -0.03     | 3.219 | 0.016     | 0.016     | 0         | 54.6 | 55   | 63.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 2    | 0      | 50     | 0.935     | -0.049    | 3.215 | 0.01      | 0.007     | 0         | 55   | 55.9 | 63.2 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 2    | 10     | 50     | 0.922     | 0         | 3.219 | 0.013     | 0.01      | 0         | 54.6 | 55   | 62.4 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 2    | 20     | 50     | 0.935     | -0.023    | 3.215 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 63.2 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 2    | 30     | 50     | 0.925     | -0.033    | 3.215 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 62.8 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 2    | 40     | 50     | 0.932     | -0.062    | 3.215 | 0.016     | 0.013     | 0         | 54.2 | 55   | 63.6 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 2    | 50     | 50     | 0.958     | -0.02     | 3.219 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 62.8 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 3    | 0      | 50     | 0.942     | -0.062    | 3.215 | 0.013     | 0.01      | 0         | 54.6 | 55   | 62.4 | 158        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 3    | 10     | 50     | 0.915     | -0.043    | 3.215 | 0.013     | 0.01      | 0         | 55   | 55.5 | 62.4 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 3    | 20     | 50     | 0.925     | -0.062    | 3.215 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 63.2 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 3    | 30     | 50     | 0.922     | -0.043    | 3.215 | 0.016     | 0.016     | 0         | 55   | 55.9 | 61.9 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 3    | 40     | 50     | 0.971     | -0.036    | 3.219 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.5 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 3    | 50     | 50     | 0.955     | -0.062    | 3.215 | 0.01      | 0.007     | 0         | 54.6 | 55   | 62.4 | 158        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 4    | 0      | 50     | 0.965     | -0.02     | 3.219 | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 61.9 | 158        | 159        | 0          | 31     | 32     |
| 2009 | 6     | 23  | 4    | 10     | 50     | 0.938     | -0.046    | 3.215 | 0.016     | 0.016     | 0         | 55   | 55.5 | 61.9 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 4    | 20     | 50     | 0.951     | -0.039    | 3.215 | 0.013     | 0.01      | 0         | 55   | 55   | 62.4 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 4    | 30     | 50     | 0.951     | -0.039    | 3.219 | 0.016     | 0.013     | 0         | 55   | 55   | 62.4 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 4    | 40     | 50     | 0.971     | -0.013    | 3.219 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 61.5 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 4    | 50     | 50     | 0.922     | -0.043    | 3.215 | 0.016     | 0.013     | 0         | 55   | 55.9 | 61.9 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 5    | 0      | 50     | 0.968     | -0.072    | 3.215 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 60.2 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 5    | 10     | 50     | 0.906     | -0.03     | 3.215 | 0.013     | 0.01      | 0         | 55   | 55.5 | 61.5 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 5    | 20     | 50     | 0.951     | -0.043    | 3.219 | 0.016     | 0.013     | 0         | 54.6 | 56.3 | 60.2 | 158        | 161        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 5    | 30     | 50     | 0.922     | -0.007    | 3.219 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 60.6 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 5    | 40     | 50     | 0.935     | -0.03     | 3.219 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 60.6 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 5    | 50     | 50     | 0.938     | -0.059    | 3.219 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 61.9 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 6    | 0      | 50     | 0.955     | -0.03     | 3.219 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 60.2 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 6    | 10     | 50     | 0.932     | -0.03     | 3.219 | 0.016     | 0.013     | 0         | 55   | 55.9 | 60.2 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 6    | 20     | 50     | 0.935     | -0.036    | 3.219 | 0.016     | 0.013     | 0         | 55   | 55.9 | 59.8 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 6    | 30     | 50     | 0.942     | -0.046    | 3.219 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 61.1 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 6    | 40     | 50     | 0.955     | -0.056    | 3.219 | 0.016     | 0.013     | 0         | 55   | 55.5 | 59.8 | 159        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 6    | 50     | 50     | 0.951     | -0.046    | 3.219 | 0.01      | 0.007     | 0         | 55   | 55.9 | 60.2 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 7    | 0      | 50     | 0.925     | -0.026    | 3.219 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 60.2 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 7    | 10     | 50     | 0.938     | -0.043    | 3.219 | 0.016     | 0.013     | 0         | 54.6 | 55   | 60.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 7    | 20     | 50     | 0.961     | -0.049    | 3.219 | 0.013     | 0.01      | 0         | 55   | 55.9 | 60.2 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 7    | 30     | 50     | 0.928     | -0.049    | 3.219 | 0.016     | 0.016     | 0         | 54.6 | 55.9 | 59.8 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 7    | 40     | 50     | 0.942     | -0.036    | 3.219 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 59.8 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 7    | 50     | 50     | 0.915     | -0.046    | 3.219 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 61.1 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 8    | 0      | 50     | 0.948     | -0.043    | 3.219 | 0.016     | 0.013     | 0         | 54.2 | 55   | 60.6 | 157        | 159        | 0          | 31     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 23  | 8    | 10     | 50     | 0.991     | -0.039    | 3.219 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 60.6 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 8    | 20     | 50     | 0.945     | -0.043    | 3.219 | 0.01      | 0.007     | 0         | 54.2 | 55   | 61.1 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 8    | 30     | 50     | 0.932     | -0.046    | 3.219 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 60.6 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 8    | 40     | 50     | 0.935     | -0.046    | 3.219 | 0.016     | 0.013     | 0         | 53.8 | 55   | 60.6 | 156        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 8    | 50     | 50     | 0.928     | -0.072    | 3.219 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 61.1 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 9    | 0      | 50     | 0.978     | -0.033    | 3.219 | 0.016     | 0.016     | 0         | 53.8 | 55   | 61.1 | 156        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 9    | 10     | 50     | 0.945     | -0.039    | 3.219 | 0.02      | 0.016     | 0         | 54.6 | 55   | 61.1 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 9    | 20     | 50     | 0.935     | -0.079    | 3.219 | 0.016     | 0.013     | 0         | 53.8 | 54.6 | 61.5 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 9    | 30     | 50     | 0.928     | -0.03     | 3.219 | 0.013     | 0.01      | 0         | 54.2 | 55   | 61.9 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 9    | 40     | 50     | 0.925     | -0.059    | 3.215 | 0.016     | 0.013     | 0         | 54.2 | 55   | 62.8 | 156        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 9    | 50     | 50     | 0.945     | -0.072    | 3.219 | 0.016     | 0.016     | 0         | 54.2 | 55   | 61.1 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 10   | 0      | 50     | 0.948     | -0.026    | 3.215 | 0.013     | 0.01      | 0         | 54.2 | 55   | 62.4 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 10   | 10     | 50     | 0.942     | -0.03     | 3.215 | 0.016     | 0.016     | 0         | 53.8 | 55   | 62.8 | 156        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 10   | 20     | 50     | 0.968     | -0.056    | 3.215 | 0.016     | 0.013     | 0         | 54.2 | 55   | 62.8 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 10   | 30     | 50     | 0.948     | -0.036    | 3.215 | 0.016     | 0.013     | 0         | 54.2 | 55   | 62.8 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 10   | 40     | 50     | 0.942     | -0.023    | 3.215 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 62.8 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 10   | 50     | 50     | 0.945     | -0.033    | 3.215 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 63.2 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 11   | 0      | 50     | 0.988     | -0.049    | 3.215 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 62.8 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 11   | 10     | 50     | 0.915     | -0.03     | 3.219 | 0.016     | 0.013     | 0         | 54.6 | 55   | 63.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 11   | 20     | 50     | 0.951     | -0.016    | 3.215 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 63.2 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 11   | 30     | 50     | 0.961     | -0.033    | 3.215 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 63.6 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 11   | 40     | 50     | 0.912     | -0.075    | 3.215 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 64.1 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 11   | 50     | 50     | 0.938     | -0.02     | 3.215 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 63.6 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 12   | 0      | 50     | 0.945     | -0.026    | 3.215 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 63.2 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 12   | 10     | 50     | 0.925     | -0.023    | 3.219 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 62.8 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 12   | 20     | 50     | 0.965     | -0.03     | 3.215 | 0.016     | 0.013     | 0         | 54.2 | 55   | 61.5 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 12   | 30     | 50     | 0.958     | -0.03     | 3.215 | 0.01      | 0.007     | 0         | 54.2 | 55   | 63.2 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 12   | 40     | 50     | 0.958     | -0.03     | 3.215 | 0.016     | 0.013     | 0         | 54.2 | 55   | 61.9 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 12   | 50     | 50     | 0.948     | -0.03     | 3.215 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.5 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 13   | 0      | 50     | 0.951     | -0.046    | 3.215 | 0.01      | 0.007     | 0         | 54.6 | 55   | 63.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 13   | 10     | 50     | 0.928     | -0.003    | 3.215 | 0.016     | 0.013     | 0         | 54.2 | 55   | 61.9 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 13   | 20     | 50     | 0.945     | -0.01     | 3.215 | 0.016     | 0.013     | 0         | 54.6 | 55   | 60.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 13   | 30     | 50     | 0.925     | -0.036    | 3.215 | 0.016     | 0.016     | 0         | 53.8 | 55   | 62.4 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 13   | 40     | 50     | 0.968     | -0.016    | 3.215 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 61.9 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 13   | 50     | 50     | 0.928     | -0.026    | 3.215 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 62.4 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 14   | 0      | 50     | 0.938     | 0         | 3.215 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 58.5 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 14   | 10     | 50     | 0.958     | -0.02     | 3.215 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.1 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 14   | 20     | 50     | 0.935     | -0.026    | 3.212 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 60.2 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 14   | 30     | 50     | 0.955     | -0.039    | 3.212 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 60.2 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 14   | 40     | 50     | 0.945     | 0         | 3.212 | 0.016     | 0.013     | 0         | 54.2 | 55   | 58.9 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 14   | 50     | 50     | 0.919     | -0.01     | 3.209 | 0.02      | 0.016     | 0         | 54.6 | 55   | 57.6 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 15   | 0      | 50     | 0.965     | 0         | 3.205 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 49.9 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 15   | 10     | 50     | 0.919     | -0.013    | 3.205 | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 56.3 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 15   | 20     | 50     | 0.971     | -0.033    | 3.205 | 0.013     | 0.01      | 0         | 54.6 | 55   | 57.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 15   | 30     | 50     | 0.928     | -0.03     | 3.202 | 0.016     | 0.013     | 0         | 55   | 55   | 54.6 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 15   | 40     | 50     | 0.945     | -0.016    | 3.202 | 0.016     | 0.013     | 0         | 54.6 | 55   | 56.3 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 15   | 50     | 50     | 0.932     | -0.003    | 3.202 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 58   | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 16   | 0      | 50     | 0.922     | -0.039    | 3.199 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 59.3 | 157        | 159        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 23  | 16   | 10     | 50     | 0.968     | -0.003    | 3.199 | 0.016     | 0.013     | 0         | 54.6 | 55   | 57.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 16   | 20     | 50     | 0.935     | -0.013    | 3.199 | 0.013     | 0.01      | 0         | 55   | 55   | 56.8 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 16   | 30     | 50     | 0.922     | -0.046    | 3.196 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 56.3 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 16   | 40     | 50     | 0.928     | 0.007     | 3.199 | 0.013     | 0.01      | 0         | 54.6 | 55   | 57.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 16   | 50     | 50     | 0.928     | -0.013    | 3.199 | 0.016     | 0.013     | 0         | 55   | 55.5 | 52.5 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 17   | 0      | 50     | 0.938     | 0         | 3.196 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 55.5 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 17   | 10     | 50     | 0.915     | -0.01     | 3.196 | 0.016     | 0.013     | 0         | 55   | 55.9 | 51.6 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 17   | 20     | 50     | 0.906     | -0.033    | 3.196 | 0.013     | 0.01      | 0         | 55   | 55.9 | 57.2 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 17   | 30     | 50     | 0.958     | -0.016    | 3.196 | 0.016     | 0.013     | 0         | 55   | 55.9 | 59.3 | 159        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 17   | 40     | 50     | 0.886     | -0.016    | 3.196 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 55.9 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 17   | 50     | 50     | 0.948     | -0.02     | 3.196 | 0.016     | 0.016     | 0         | 55.9 | 55.5 | 59.8 | 159        | 160        | 0          | 29     | 31     |
| 2009 | 6     | 23  | 18   | 0      | 50     | 0.902     | -0.016    | 3.192 | 0.016     | 0.016     | 0         | 55   | 55.9 | 54.6 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 18   | 10     | 50     | 0.896     | -0.016    | 3.192 | 0.013     | 0.01      | 0         | 55   | 55.5 | 59.3 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 18   | 20     | 50     | 0.912     | -0.039    | 3.192 | 0.016     | 0.016     | 0         | 55   | 55.9 | 57.6 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 18   | 30     | 50     | 0.919     | -0.026    | 3.192 | 0.016     | 0.016     | 0         | 55   | 55.5 | 60.2 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 18   | 40     | 50     | 0.942     | 0         | 3.192 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 58   | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 18   | 50     | 50     | 0.915     | -0.016    | 3.192 | 0.016     | 0.016     | 0         | 55   | 55.5 | 60.2 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 19   | 0      | 50     | 0.899     | -0.046    | 3.192 | 0.016     | 0.016     | 0         | 55   | 55.9 | 59.8 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 19   | 10     | 50     | 0.879     | 0.007     | 3.192 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 58   | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 19   | 20     | 50     | 0.909     | -0.003    | 3.192 | 0.013     | 0.01      | 0         | 55   | 55.5 | 60.2 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 19   | 30     | 50     | 0.906     | -0.023    | 3.192 | 0.016     | 0.016     | 0         | 55   | 55.9 | 60.2 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 19   | 40     | 50     | 0.932     | -0.023    | 3.192 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 59.8 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 19   | 50     | 50     | 0.932     | -0.007    | 3.189 | 0.016     | 0.013     | 0         | 55   | 55.5 | 59.8 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 20   | 0      | 50     | 0.955     | 0         | 3.192 | 0.016     | 0.013     | 0         | 55   | 55.9 | 60.6 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 20   | 10     | 50     | 0.948     | 0         | 3.192 | 0.016     | 0.013     | 0         | 55   | 55.5 | 60.6 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 20   | 20     | 50     | 0.965     | -0.03     | 3.189 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 58.9 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 20   | 30     | 50     | 0.912     | -0.01     | 3.189 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 60.6 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 20   | 40     | 50     | 0.935     | -0.026    | 3.189 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 59.3 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 20   | 50     | 50     | 0.909     | 0.013     | 3.189 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 57.6 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 21   | 0      | 50     | 0.906     | -0.023    | 3.189 | 0.02      | 0.016     | 0         | 55.5 | 55.9 | 58.9 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 21   | 10     | 50     | 0.925     | -0.033    | 3.189 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 58.5 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 21   | 20     | 50     | 0.925     | -0.023    | 3.189 | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 58   | 159        | 161        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 21   | 30     | 50     | 0.935     | -0.039    | 3.192 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 59.8 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 21   | 40     | 50     | 0.915     | -0.013    | 3.189 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 59.3 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 21   | 50     | 50     | 0.922     | 0.01      | 3.189 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 57.6 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 22   | 0      | 50     | 0.925     | -0.03     | 3.189 | 0.013     | 0.01      | 0         | 55   | 56.3 | 58.5 | 159        | 161        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 22   | 10     | 50     | 0.935     | 0.02      | 3.189 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 58.9 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 22   | 20     | 50     | 0.932     | -0.023    | 3.189 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 60.2 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 22   | 30     | 50     | 0.958     | -0.039    | 3.189 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 59.8 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 23  | 22   | 40     | 50     | 0.932     | -0.046    | 3.189 | 0.016     | 0.016     | 0         | 55   | 55.9 | 60.6 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 22   | 50     | 50     | 0.942     | -0.007    | 3.189 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 60.6 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 23  | 23   | 0      | 50     | 0.919     | -0.03     | 3.189 | 0.013     | 0.01      | 0         | 55   | 55.9 | 61.5 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 23   | 10     | 50     | 0.886     | -0.03     | 3.189 | 0.016     | 0.016     | 0         | 55   | 55.5 | 60.6 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 23   | 20     | 50     | 0.948     | -0.023    | 3.192 | 0.016     | 0.013     | 0         | 55   | 55.9 | 61.5 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 23  | 23   | 30     | 50     | 0.938     | -0.036    | 3.189 | 0.016     | 0.013     | 0         | 55   | 55.5 | 61.1 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 23   | 40     | 50     | 0.935     | -0.013    | 3.189 | 0.016     | 0.013     | 0         | 55   | 55   | 60.2 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 23  | 23   | 50     | 50     | 0.925     | -0.023    | 3.189 | 0.016     | 0.016     | 0         | 55   | 55.5 | 61.1 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 0    | 0      | 50     | 0.938     | -0.01     | 3.189 | 0.016     | 0.016     | 0         | 55   | 55.9 | 60.2 | 158        | 160        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 24  | 0    | 10     | 50     | 0.925     | -0.013    | 3.192 | 0.016     | 0.013     | 0         | 55   | 55.5 | 60.6 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 0    | 20     | 50     | 0.935     | -0.039    | 3.192 | 0.016     | 0.013     | 0         | 55   | 55.5 | 60.6 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 0    | 30     | 50     | 0.935     | -0.062    | 3.192 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 60.6 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 0    | 40     | 50     | 0.935     | -0.049    | 3.192 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 60.6 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 24  | 0    | 50     | 50     | 0.928     | -0.026    | 3.192 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 60.6 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 1    | 0      | 50     | 0.919     | -0.01     | 3.192 | 0.016     | 0.013     | 0         | 55   | 55.9 | 60.6 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 1    | 10     | 50     | 0.915     | -0.062    | 3.192 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 60.2 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 24  | 1    | 20     | 50     | 0.925     | -0.039    | 3.192 | 0.016     | 0.013     | 0         | 55   | 55.9 | 60.2 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 1    | 30     | 50     | 0.928     | -0.02     | 3.192 | 0.016     | 0.013     | 0         | 55   | 55.5 | 60.6 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 1    | 40     | 50     | 0.922     | -0.046    | 3.192 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 60.2 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 1    | 50     | 50     | 0.938     | -0.075    | 3.196 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 60.6 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 2    | 0      | 50     | 0.955     | -0.016    | 3.196 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 60.2 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 24  | 2    | 10     | 50     | 0.942     | -0.043    | 3.199 | 0.013     | 0.01      | 0         | 55   | 55.5 | 59.8 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 2    | 20     | 50     | 0.906     | -0.052    | 3.199 | 0.016     | 0.016     | 0         | 55   | 55   | 61.1 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 2    | 30     | 50     | 0.919     | 0.023     | 3.199 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 60.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 2    | 40     | 50     | 0.912     | -0.062    | 3.199 | 0.016     | 0.016     | 0         | 55   | 55   | 61.1 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 2    | 50     | 50     | 0.922     | -0.01     | 3.199 | 0.016     | 0.013     | 0         | 55   | 55.5 | 60.6 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 3    | 0      | 50     | 0.942     | -0.03     | 3.199 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 60.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 3    | 10     | 50     | 0.961     | -0.043    | 3.202 | 0.016     | 0.016     | 0         | 54.6 | 55   | 60.2 | 158        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 24  | 3    | 20     | 50     | 0.942     | -0.016    | 3.199 | 0.016     | 0.016     | 0         | 54.6 | 55   | 61.1 | 158        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 24  | 3    | 30     | 50     | 0.938     | -0.03     | 3.202 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 61.1 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 24  | 3    | 40     | 50     | 0.942     | -0.023    | 3.202 | 0.016     | 0.013     | 0         | 55   | 55.9 | 61.9 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 3    | 50     | 50     | 0.971     | -0.046    | 3.202 | 0.016     | 0.013     | 0         | 55   | 55   | 61.5 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 4    | 0      | 50     | 0.935     | -0.072    | 3.202 | 0.016     | 0.013     | 0         | 55   | 55.5 | 61.1 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 4    | 10     | 50     | 0.938     | -0.03     | 3.202 | 0.016     | 0.016     | 0         | 55   | 55.5 | 61.1 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 4    | 20     | 50     | 0.928     | -0.062    | 3.202 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 61.9 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 24  | 4    | 30     | 50     | 0.906     | -0.043    | 3.202 | 0.016     | 0.016     | 0         | 55   | 55.9 | 61.5 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 4    | 40     | 50     | 0.912     | -0.039    | 3.202 | 0.016     | 0.013     | 0         | 55   | 55.9 | 62.4 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 24  | 4    | 50     | 50     | 0.925     | -0.03     | 3.202 | 0.013     | 0.01      | 0         | 55   | 55.5 | 61.5 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 5    | 0      | 50     | 0.925     | -0.03     | 3.202 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 61.9 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 5    | 10     | 50     | 0.915     | -0.059    | 3.202 | 0.016     | 0.013     | 0         | 55   | 55.9 | 61.5 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 24  | 5    | 20     | 50     | 0.958     | -0.03     | 3.202 | 0.016     | 0.013     | 0         | 55   | 55.9 | 61.5 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 24  | 5    | 30     | 50     | 0.922     | -0.043    | 3.202 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 61.9 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 5    | 40     | 50     | 0.922     | -0.023    | 3.202 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 63.2 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 24  | 5    | 50     | 50     | 0.928     | -0.039    | 3.202 | 0.013     | 0.01      | 0         | 55   | 55.5 | 63.2 | 159        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 24  | 6    | 0      | 50     | 0.899     | -0.003    | 3.202 | 0.01      | 0.007     | 0         | 55   | 55.9 | 64.1 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 6    | 10     | 50     | 0.935     | -0.039    | 3.202 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 62.8 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 6    | 20     | 50     | 0.899     | -0.036    | 3.202 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.1 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 24  | 6    | 30     | 50     | 0.928     | -0.03     | 3.205 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 63.6 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 24  | 6    | 40     | 50     | 0.945     | -0.049    | 3.202 | 0.016     | 0.013     | 0         | 54.6 | 55   | 63.6 | 158        | 160        | 0          | 31     | 32     |
| 2009 | 6     | 24  | 6    | 50     | 50     | 0.948     | -0.01     | 3.202 | 0.016     | 0.013     | 0         | 55   | 55.5 | 64.1 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 7    | 0      | 50     | 0.902     | -0.03     | 3.202 | 0.016     | 0.016     | 0         | 55   | 55.5 | 63.2 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 7    | 10     | 50     | 0.912     | -0.049    | 3.202 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 63.2 | 157        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 7    | 20     | 50     | 0.951     | -0.023    | 3.202 | 0.013     | 0.01      | 0         | 54.2 | 55   | 64.1 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 24  | 7    | 30     | 50     | 0.922     | -0.03     | 3.202 | 0.013     | 0.01      | 0         | 54.6 | 55   | 63.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 7    | 40     | 50     | 0.942     | -0.026    | 3.205 | 0.013     | 0.01      | 0         | 54.2 | 55   | 64.1 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 24  | 7    | 50     | 50     | 0.919     | -0.049    | 3.202 | 0.016     | 0.013     | 0         | 54.6 | 55   | 64.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 8    | 0      | 50     | 0.919     | -0.056    | 3.205 | 0.013     | 0.01      | 0         | 54.6 | 55   | 63.2 | 157        | 159        | 0          | 30     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 24  | 8    | 10     | 50     | 0.938     | -0.049    | 3.202 | 0.016     | 0.016     | 0         | 54.2 | 55   | 64.1 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 24  | 8    | 20     | 50     | 0.932     | -0.075    | 3.202 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 62.8 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 8    | 30     | 50     | 0.919     | -0.062    | 3.205 | 0.016     | 0.013     | 0         | 54.2 | 55   | 64.1 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 24  | 8    | 40     | 50     | 0.915     | -0.046    | 3.205 | 0.013     | 0.01      | 0         | 54.2 | 55   | 65.8 | 156        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 8    | 50     | 50     | 0.935     | -0.062    | 3.205 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 65.4 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 9    | 0      | 50     | 0.919     | -0.016    | 3.202 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 63.6 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 9    | 10     | 50     | 0.906     | -0.033    | 3.205 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 64.1 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 24  | 9    | 20     | 50     | 0.938     | -0.03     | 3.205 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 63.6 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 9    | 30     | 50     | 0.935     | -0.023    | 3.205 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 64.1 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 24  | 9    | 40     | 50     | 0.925     | -0.079    | 3.205 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 9    | 50     | 50     | 0.925     | -0.052    | 3.202 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 64.1 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 24  | 10   | 0      | 50     | 0.951     | -0.03     | 3.202 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 63.6 | 155        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 10   | 10     | 50     | 0.909     | -0.026    | 3.202 | 0.016     | 0.013     | 0         | 53.3 | 55   | 61.5 | 155        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 10   | 20     | 50     | 0.915     | -0.052    | 3.202 | 0.01      | 0.007     | 0         | 53.8 | 54.6 | 62.8 | 156        | 157        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 10   | 30     | 50     | 0.958     | 0         | 3.202 | 0.01      | 0.007     | 0         | 53.8 | 54.2 | 62.8 | 155        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 10   | 40     | 50     | 0.899     | -0.046    | 3.202 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 62.4 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 10   | 50     | 50     | 0.906     | -0.016    | 3.202 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 61.9 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 11   | 0      | 50     | 0.899     | -0.026    | 3.199 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 60.2 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 24  | 11   | 10     | 50     | 0.928     | -0.052    | 3.196 | 0.013     | 0.01      | 0         | 54.6 | 55   | 59.8 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 11   | 20     | 50     | 0.909     | -0.013    | 3.196 | 0.016     | 0.013     | 0         | 54.6 | 55   | 58   | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 11   | 30     | 50     | 0.928     | -0.052    | 3.192 | 0.02      | 0.016     | 0         | 54.2 | 55.5 | 57.2 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 11   | 40     | 50     | 0.928     | -0.013    | 3.189 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 58.5 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 11   | 50     | 50     | 0.938     | -0.01     | 3.189 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 52.5 | 156        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 24  | 12   | 0      | 50     | 0.948     | -0.016    | 3.189 | 0.016     | 0.016     | 0         | 54.2 | 55   | 57.2 | 157        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 12   | 10     | 50     | 0.928     | -0.02     | 3.189 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 60.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 12   | 20     | 50     | 0.876     | 0         | 3.189 | 0.016     | 0.013     | 0         | 54.2 | 55   | 59.8 | 157        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 12   | 30     | 50     | 0.925     | -0.039    | 3.186 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 59.8 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 12   | 40     | 50     | 0.935     | 0.01      | 3.186 | 0.016     | 0.016     | 0         | 54.2 | 55   | 61.5 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 24  | 12   | 50     | 50     | 0.925     | -0.023    | 3.189 | 0.016     | 0.016     | 0         | 57.2 | 57.6 | 51.2 | 163        | 165        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 13   | 0      | 50     | 0.919     | -0.036    | 3.186 | 0.016     | 0.013     | 0         | 54.2 | 55   | 61.9 | 156        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 13   | 10     | 50     | 0.879     | 0         | 3.186 | 0.013     | 0.01      | 0         | 53.8 | 55   | 59.8 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 13   | 20     | 50     | 0.919     | -0.046    | 3.186 | 0.016     | 0.016     | 0         | 53.8 | 55   | 63.6 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 13   | 30     | 50     | 0.922     | -0.03     | 3.186 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 54.6 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 13   | 40     | 50     | 0.935     | -0.059    | 3.186 | 0.02      | 0.016     | 0         | 54.2 | 55   | 46.4 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 13   | 50     | 50     | 0.899     | -0.062    | 3.186 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 56.3 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 14   | 0      | 50     | 0.886     | -0.016    | 3.186 | 0.016     | 0.016     | 0         | 54.6 | 55   | 60.2 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 14   | 10     | 50     | 0.892     | 0.01      | 3.186 | 0.02      | 0.016     | 0         | 54.6 | 55   | 48.2 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 14   | 20     | 50     | 0.906     | 0.007     | 3.186 | 0.02      | 0.016     | 0         | 55   | 55   | 48.6 | 157        | 159        | 0          | 29     | 31     |
| 2009 | 6     | 24  | 14   | 30     | 50     | 0.906     | -0.033    | 3.186 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 49.5 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 14   | 40     | 50     | 0.932     | 0         | 3.186 | 0.02      | 0.016     | 0         | 54.2 | 55   | 47.7 | 157        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 14   | 50     | 50     | 0.902     | 0         | 3.182 | 0.016     | 0.016     | 0         | 55   | 55.5 | 48.6 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 15   | 0      | 50     | 0.892     | -0.043    | 3.182 | 0.016     | 0.016     | 0         | 55   | 55.5 | 44.3 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 15   | 10     | 50     | 0.909     | -0.026    | 3.182 | 0.016     | 0.013     | 0         | 55   | 55.5 | 47.3 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 15   | 20     | 50     | 0.919     | 0.013     | 3.182 | 0.016     | 0.016     | 0         | 55   | 55   | 52.5 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 15   | 30     | 50     | 0.932     | -0.036    | 3.182 | 0.016     | 0.013     | 0         | 55   | 55.5 | 48.6 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 15   | 40     | 50     | 0.925     | -0.043    | 3.182 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 47.7 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 24  | 15   | 50     | 50     | 0.915     | 0         | 3.182 | 0.016     | 0.013     | 0         | 55   | 55.9 | 52.9 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 16   | 0      | 50     | 0.912     | 0.016     | 3.182 | 0.016     | 0.016     | 0         | 55   | 55.9 | 58.5 | 158        | 160        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 24  | 16   | 10     | 50     | 0.925     | 0.026     | 3.182 | 0.016     | 0.016     | 0         | 55   | 55   | 54.2 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 16   | 20     | 50     | 0.889     | -0.016    | 3.179 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 49   | 158        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 16   | 30     | 50     | 0.942     | -0.01     | 3.176 | 0.016     | 0.016     | 0         | 55   | 55.5 | 44.7 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 16   | 40     | 50     | 0.928     | 0.013     | 3.176 | 0.016     | 0.013     | 0         | 55   | 55.5 | 47.7 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 16   | 50     | 50     | 0.955     | -0.033    | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 46.9 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 17   | 0      | 50     | 0.902     | -0.02     | 3.176 | 0.016     | 0.013     | 0         | 55   | 55.5 | 46.4 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 17   | 10     | 50     | 0.909     | -0.003    | 3.179 | 0.016     | 0.013     | 0         | 55   | 55.9 | 47.7 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 17   | 20     | 50     | 0.899     | -0.033    | 3.176 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 45.2 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 17   | 30     | 50     | 0.938     | -0.016    | 3.179 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 58.9 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 17   | 40     | 50     | 0.919     | -0.003    | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 52   | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 17   | 50     | 50     | 0.906     | -0.049    | 3.176 | 0.016     | 0.016     | 0         | 55   | 55.9 | 51.2 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 18   | 0      | 50     | 0.879     | -0.013    | 3.176 | 0.016     | 0.013     | 0         | 55   | 55.9 | 54.6 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 18   | 10     | 50     | 0.892     | -0.003    | 3.176 | 0.016     | 0.013     | 0         | 55   | 55.9 | 56.8 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 18   | 20     | 50     | 0.919     | 0         | 3.176 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 53.8 | 159        | 160        | 0          | 29     | 30     |
| 2009 | 6     | 24  | 18   | 30     | 50     | 0.919     | -0.02     | 3.176 | 0.016     | 0.016     | 0         | 55   | 55.9 | 58.9 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 18   | 40     | 50     | 0.922     | 0         | 3.176 | 0.013     | 0.01      | 0         | 55   | 55.9 | 58.5 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 18   | 50     | 50     | 0.915     | -0.007    | 3.176 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 59.3 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 24  | 19   | 0      | 50     | 0.879     | -0.013    | 3.176 | 0.016     | 0.013     | 0         | 55   | 55.5 | 61.9 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 19   | 10     | 50     | 0.889     | 0.016     | 3.176 | 0.013     | 0.01      | 0         | 55   | 55.9 | 59.3 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 19   | 20     | 50     | 0.899     | 0         | 3.176 | 0.016     | 0.013     | 0         | 55   | 55.9 | 61.5 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 19   | 30     | 50     | 0.896     | -0.023    | 3.176 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 60.6 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 19   | 40     | 50     | 0.922     | 0.007     | 3.176 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 63.2 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 19   | 50     | 50     | 0.925     | -0.013    | 3.176 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 62.4 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 20   | 0      | 50     | 0.909     | -0.007    | 3.176 | 0.013     | 0.01      | 0         | 55   | 55.5 | 63.6 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 20   | 10     | 50     | 0.935     | 0.01      | 3.176 | 0.02      | 0.016     | 0         | 55   | 55.5 | 64.1 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 20   | 20     | 50     | 0.935     | -0.01     | 3.176 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 62.8 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 20   | 30     | 50     | 0.899     | -0.056    | 3.176 | 0.013     | 0.01      | 0         | 55   | 55.9 | 63.6 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 20   | 40     | 50     | 0.899     | -0.062    | 3.176 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 64.1 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 20   | 50     | 50     | 0.938     | 0         | 3.176 | 0.013     | 0.01      | 0         | 55   | 55.5 | 62.8 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 21   | 0      | 50     | 0.876     | -0.046    | 3.176 | 0.016     | 0.013     | 0         | 55   | 55.5 | 63.6 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 21   | 10     | 50     | 0.922     | -0.016    | 3.176 | 0.013     | 0.01      | 0         | 55   | 55.5 | 62.8 | 159        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 24  | 21   | 20     | 50     | 0.902     | -0.01     | 3.176 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 63.2 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 21   | 30     | 50     | 0.922     | -0.007    | 3.176 | 0.016     | 0.016     | 0         | 55   | 55.9 | 64.5 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 21   | 40     | 50     | 0.928     | -0.036    | 3.176 | 0.016     | 0.013     | 0         | 55   | 55.5 | 64.1 | 159        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 24  | 21   | 50     | 50     | 0.915     | -0.075    | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 64.1 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 22   | 0      | 50     | 0.883     | -0.03     | 3.176 | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 64.5 | 159        | 160        | 0          | 29     | 30     |
| 2009 | 6     | 24  | 22   | 10     | 50     | 0.919     | -0.036    | 3.176 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 63.6 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 22   | 20     | 50     | 0.896     | -0.03     | 3.176 | 0.016     | 0.016     | 0         | 55   | 55.9 | 64.1 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 22   | 30     | 50     | 0.883     | 0         | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 64.1 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 22   | 40     | 50     | 0.909     | -0.046    | 3.176 | 0.016     | 0.016     | 0         | 55   | 55.9 | 64.1 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 22   | 50     | 50     | 0.889     | -0.03     | 3.176 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 64.5 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 24  | 23   | 0      | 50     | 0.925     | -0.03     | 3.176 | 0.016     | 0.013     | 0         | 55   | 55.5 | 64.5 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 23   | 10     | 50     | 0.896     | -0.052    | 3.176 | 0.016     | 0.013     | 0         | 55   | 55.9 | 63.2 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 23   | 20     | 50     | 0.915     | -0.016    | 3.176 | 0.016     | 0.016     | 0         | 55.9 | 56.3 | 63.2 | 160        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 24  | 23   | 30     | 50     | 0.919     | -0.046    | 3.176 | 0.02      | 0.016     | 0         | 55   | 55.5 | 64.5 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 24  | 23   | 40     | 50     | 0.928     | -0.026    | 3.176 | 0.016     | 0.016     | 0         | 55   | 55.5 | 64.1 | 159        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 24  | 23   | 50     | 50     | 0.889     | -0.062    | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 64.1 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 0    | 0      | 50     | 0.922     | -0.036    | 3.176 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 63.6 | 158        | 160        | 0          | 31     | 31     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 25  | 0    | 10     | 50     | 0.902     | -0.02     | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 63.2 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 0    | 20     | 50     | 0.948     | -0.066    | 3.176 | 0.016     | 0.013     | 0         | 55   | 55.5 | 64.1 | 159        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 25  | 0    | 30     | 50     | 0.906     | -0.03     | 3.176 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 63.2 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 0    | 40     | 50     | 0.899     | -0.023    | 3.176 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 64.1 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 0    | 50     | 50     | 0.919     | -0.003    | 3.176 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 63.2 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 1    | 0      | 50     | 0.889     | -0.046    | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 63.6 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 1    | 10     | 50     | 0.915     | -0.036    | 3.176 | 0.016     | 0.013     | 0         | 55   | 55.5 | 63.2 | 159        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 25  | 1    | 20     | 50     | 0.876     | -0.049    | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 63.6 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 1    | 30     | 50     | 0.922     | -0.013    | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 63.2 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 1    | 40     | 50     | 0.935     | -0.033    | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 63.6 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 1    | 50     | 50     | 0.942     | -0.033    | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 63.2 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 2    | 0      | 50     | 0.922     | -0.013    | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 64.5 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 2    | 10     | 50     | 0.919     | -0.03     | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 64.1 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 2    | 20     | 50     | 0.919     | -0.046    | 3.176 | 0.02      | 0.016     | 0         | 55.5 | 55.9 | 63.2 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 2    | 30     | 50     | 0.932     | -0.003    | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 62.8 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 2    | 40     | 50     | 0.938     | -0.043    | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 63.6 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 2    | 50     | 50     | 0.906     | -0.03     | 3.176 | 0.016     | 0.016     | 0         | 56.3 | 57.2 | 61.9 | 161        | 163        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 3    | 0      | 50     | 0.889     | -0.016    | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 63.2 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 3    | 10     | 50     | 0.942     | -0.03     | 3.176 | 0.016     | 0.016     | 0         | 55   | 55.9 | 62.8 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 25  | 3    | 20     | 50     | 0.925     | -0.039    | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 62.8 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 3    | 30     | 50     | 0.892     | -0.056    | 3.176 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 63.6 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 3    | 40     | 50     | 0.912     | -0.043    | 3.176 | 0.013     | 0.01      | 0         | 55   | 55.9 | 62.8 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 25  | 3    | 50     | 50     | 0.886     | -0.007    | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 64.1 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 4    | 0      | 50     | 0.912     | -0.043    | 3.176 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 62.8 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 4    | 10     | 50     | 0.915     | -0.036    | 3.176 | 0.016     | 0.013     | 0         | 55   | 55.9 | 62.8 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 4    | 20     | 50     | 0.942     | -0.03     | 3.179 | 0.016     | 0.013     | 0         | 55   | 55.5 | 62.4 | 159        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 25  | 4    | 30     | 50     | 0.925     | -0.062    | 3.176 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 63.2 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 4    | 40     | 50     | 0.892     | -0.062    | 3.176 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 61.9 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 4    | 50     | 50     | 0.889     | -0.016    | 3.179 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 61.9 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 5    | 0      | 50     | 0.925     | -0.003    | 3.179 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 61.5 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 5    | 10     | 50     | 0.896     | -0.013    | 3.179 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 61.5 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 5    | 20     | 50     | 0.906     | -0.02     | 3.179 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 61.9 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 5    | 30     | 50     | 0.892     | -0.03     | 3.179 | 0.013     | 0.01      | 0         | 56.3 | 56.3 | 61.5 | 161        | 162        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 5    | 40     | 50     | 0.906     | -0.062    | 3.179 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 61.1 | 160        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 5    | 50     | 50     | 0.951     | -0.072    | 3.179 | 0.016     | 0.016     | 0         | 55   | 56.3 | 61.1 | 159        | 161        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 6    | 0      | 50     | 0.902     | -0.016    | 3.179 | 0.016     | 0.013     | 0         | 55   | 55.5 | 61.1 | 159        | 161        | 0          | 31     | 32     |
| 2009 | 6     | 25  | 6    | 10     | 50     | 0.912     | -0.082    | 3.179 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 61.5 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 6    | 20     | 50     | 0.915     | -0.03     | 3.179 | 0.016     | 0.013     | 0         | 55   | 56.3 | 61.1 | 159        | 161        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 6    | 30     | 50     | 0.906     | -0.062    | 3.182 | 0.013     | 0.01      | 0         | 55   | 55.9 | 61.5 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 25  | 6    | 40     | 50     | 0.942     | -0.02     | 3.182 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 61.1 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 6    | 50     | 50     | 0.948     | -0.03     | 3.182 | 0.016     | 0.013     | 0         | 55   | 56.3 | 60.6 | 159        | 161        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 7    | 0      | 50     | 0.915     | -0.043    | 3.182 | 0.016     | 0.016     | 0         | 55   | 55.9 | 61.5 | 158        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 7    | 10     | 50     | 0.935     | -0.049    | 3.182 | 0.016     | 0.016     | 0         | 55   | 55.5 | 60.6 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 7    | 20     | 50     | 0.883     | -0.02     | 3.182 | 0.016     | 0.016     | 0         | 55   | 55.9 | 59.8 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 7    | 30     | 50     | 0.899     | -0.026    | 3.186 | 0.016     | 0.013     | 0         | 54.6 | 56.3 | 60.6 | 158        | 161        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 7    | 40     | 50     | 0.909     | -0.043    | 3.186 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.1 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 25  | 7    | 50     | 50     | 0.919     | -0.075    | 3.186 | 0.016     | 0.013     | 0         | 55   | 55.5 | 60.6 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 8    | 0      | 50     | 0.906     | -0.016    | 3.186 | 0.016     | 0.016     | 0         | 54.6 | 55.9 | 61.1 | 158        | 160        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 25  | 8    | 10     | 50     | 0.919     | -0.03     | 3.186 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 61.1 | 157        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 25  | 8    | 20     | 50     | 0.922     | -0.046    | 3.189 | 0.016     | 0.013     | 0         | 54.6 | 55   | 61.1 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 8    | 30     | 50     | 0.899     | -0.046    | 3.189 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 61.5 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 25  | 8    | 40     | 50     | 0.892     | -0.02     | 3.186 | 0.016     | 0.013     | 0         | 54.6 | 55   | 61.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 8    | 50     | 50     | 0.915     | -0.059    | 3.186 | 0.02      | 0.016     | 0         | 54.6 | 55   | 61.1 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 9    | 0      | 50     | 0.945     | -0.043    | 3.186 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.1 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 9    | 10     | 50     | 0.922     | -0.036    | 3.189 | 0.013     | 0.01      | 0         | 54.6 | 55   | 60.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 9    | 20     | 50     | 0.922     | -0.016    | 3.186 | 0.016     | 0.013     | 0         | 54.6 | 55   | 61.9 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 9    | 30     | 50     | 0.909     | -0.066    | 3.186 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 60.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 9    | 40     | 50     | 0.892     | -0.052    | 3.186 | 0.016     | 0.013     | 0         | 54.2 | 55   | 60.6 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 25  | 9    | 50     | 50     | 0.886     | -0.043    | 3.182 | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 61.5 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 10   | 0      | 50     | 0.902     | -0.046    | 3.186 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 61.5 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 10   | 10     | 50     | 0.912     | -0.02     | 3.182 | 0.016     | 0.013     | 0         | 54.2 | 55   | 60.2 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 10   | 20     | 50     | 0.925     | -0.03     | 3.182 | 0.016     | 0.016     | 0         | 54.6 | 55   | 60.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 10   | 30     | 50     | 0.909     | -0.013    | 3.182 | 0.016     | 0.016     | 0         | 53.8 | 55   | 61.1 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 10   | 40     | 50     | 0.899     | -0.043    | 3.182 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 61.1 | 157        | 158        | 0          | 31     | 31     |
| 2009 | 6     | 25  | 10   | 50     | 50     | 0.925     | -0.016    | 3.182 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 59.8 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 11   | 0      | 50     | 0.928     | -0.03     | 3.182 | 0.013     | 0.01      | 0         | 54.6 | 55   | 59.3 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 11   | 10     | 50     | 0.902     | -0.01     | 3.182 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 52.5 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 25  | 11   | 20     | 50     | 0.938     | -0.01     | 3.182 | 0.013     | 0.01      | 0         | 55   | 55.5 | 52.9 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 11   | 30     | 50     | 0.906     | 0.01      | 3.182 | 0.02      | 0.016     | 0         | 55   | 55.9 | 50.3 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 11   | 40     | 50     | 0.935     | -0.013    | 3.182 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 48.6 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 11   | 50     | 50     | 0.883     | 0         | 3.182 | 0.013     | 0.01      | 0         | 55   | 55.9 | 52   | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 25  | 12   | 0      | 50     | 0.906     | 0         | 3.182 | 0.016     | 0.013     | 0         | 55   | 56.3 | 54.6 | 159        | 161        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 12   | 10     | 50     | 0.892     | 0.013     | 3.182 | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 45.2 | 160        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 12   | 20     | 50     | 0.876     | 0.03      | 3.182 | 0.01      | 0.007     | 0         | 55.9 | 56.3 | 55.9 | 160        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 12   | 30     | 50     | 0.906     | 0.007     | 3.182 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 44.3 | 160        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 25  | 12   | 40     | 50     | 0.899     | -0.056    | 3.182 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 45.6 | 160        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 12   | 50     | 50     | 0.899     | 0         | 3.186 | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 45.2 | 161        | 162        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 13   | 0      | 50     | 0.925     | 0.03      | 3.186 | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 45.2 | 161        | 162        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 13   | 10     | 50     | 0.915     | 0.049     | 3.182 | 0.013     | 0.01      | 0         | 56.3 | 56.8 | 45.6 | 161        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 13   | 20     | 50     | 0.925     | 0.026     | 3.182 | 0.016     | 0.016     | 0         | 56.3 | 56.8 | 44.7 | 161        | 163        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 13   | 30     | 50     | 0.945     | 0.007     | 3.182 | 0.016     | 0.013     | 0         | 56.3 | 57.2 | 43.4 | 161        | 163        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 13   | 40     | 50     | 0.932     | -0.016    | 3.182 | 0.01      | 0.007     | 0         | 56.8 | 57.2 | 46   | 162        | 163        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 13   | 50     | 50     | 0.922     | 0         | 3.182 | 0.013     | 0.01      | 0         | 56.8 | 57.6 | 45.6 | 162        | 164        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 14   | 0      | 50     | 0.925     | -0.033    | 3.179 | 0.013     | 0.01      | 0         | 56.8 | 57.2 | 45.6 | 162        | 163        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 14   | 10     | 50     | 0.915     | 0.03      | 3.179 | 0.02      | 0.016     | 0         | 56.8 | 56.8 | 45.2 | 162        | 163        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 14   | 20     | 50     | 0.909     | 0         | 3.179 | 0.016     | 0.013     | 0         | 56.8 | 57.2 | 43   | 162        | 163        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 14   | 30     | 50     | 0.906     | 0.013     | 3.182 | 0.016     | 0.013     | 0         | 56.8 | 57.2 | 45.2 | 162        | 163        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 14   | 40     | 50     | 0.902     | 0.013     | 3.179 | 0.013     | 0.01      | 0         | 56.8 | 57.2 | 43.9 | 162        | 163        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 14   | 50     | 50     | 0.915     | 0.003     | 3.176 | 0.013     | 0.01      | 0         | 56.8 | 57.2 | 44.7 | 162        | 163        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 15   | 0      | 50     | 0.899     | 0.01      | 3.179 | 0.016     | 0.016     | 0         | 55.9 | 57.2 | 42.1 | 161        | 163        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 15   | 10     | 50     | 0.919     | -0.003    | 3.179 | 0.016     | 0.013     | 0         | 56.3 | 57.2 | 47.3 | 161        | 163        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 15   | 20     | 50     | 0.935     | 0.013     | 3.179 | 0.016     | 0.016     | 0         | 56.8 | 56.8 | 44.3 | 162        | 163        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 15   | 30     | 50     | 0.928     | 0         | 3.179 | 0.016     | 0.013     | 0         | 56.8 | 57.2 | 46   | 161        | 163        | 0          | 29     | 30     |
| 2009 | 6     | 25  | 15   | 40     | 50     | 0.902     | -0.02     | 3.179 | 0.013     | 0.01      | 0         | 56.3 | 56.8 | 45.2 | 161        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 15   | 50     | 50     | 0.906     | -0.007    | 3.179 | 0.016     | 0.013     | 0         | 56.3 | 57.2 | 46   | 161        | 163        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 16   | 0      | 50     | 0.932     | -0.007    | 3.179 | 0.016     | 0.013     | 0         | 56.3 | 57.2 | 46.4 | 161        | 163        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 25  | 16   | 10     | 50     | 0.902     | 0         | 3.179 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 57.6 | 161        | 162        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 16   | 20     | 50     | 0.886     | 0.023     | 3.179 | 0.013     | 0.01      | 0         | 56.3 | 56.3 | 55.9 | 161        | 162        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 16   | 30     | 50     | 0.902     | 0         | 3.179 | 0.016     | 0.016     | 0         | 56.3 | 57.6 | 44.7 | 161        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 16   | 40     | 50     | 0.902     | -0.01     | 3.176 | 0.016     | 0.016     | 0         | 56.3 | 57.2 | 44.7 | 161        | 163        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 16   | 50     | 50     | 0.889     | 0.007     | 3.179 | 0.016     | 0.013     | 0         | 56.8 | 57.2 | 55.5 | 161        | 163        | 0          | 29     | 30     |
| 2009 | 6     | 25  | 17   | 0      | 50     | 0.902     | -0.023    | 3.179 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 57.2 | 160        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 17   | 10     | 50     | 0.919     | 0.023     | 3.179 | 0.016     | 0.016     | 0         | 55.9 | 56.3 | 58.5 | 160        | 162        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 17   | 20     | 50     | 0.876     | 0.01      | 3.179 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 52   | 160        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 17   | 30     | 50     | 0.915     | 0.003     | 3.179 | 0.016     | 0.016     | 0         | 55.9 | 56.3 | 52   | 160        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 17   | 40     | 50     | 0.902     | -0.02     | 3.176 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 47.7 | 160        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 17   | 50     | 50     | 0.886     | -0.01     | 3.179 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 49   | 160        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 18   | 0      | 50     | 0.892     | 0.03      | 3.179 | 0.016     | 0.016     | 0         | 55.5 | 56.8 | 58   | 160        | 162        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 18   | 10     | 50     | 0.915     | 0.03      | 3.179 | 0.016     | 0.013     | 0         | 55.9 | 57.2 | 58   | 160        | 162        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 18   | 20     | 50     | 0.912     | -0.016    | 3.179 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 56.3 | 160        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 18   | 30     | 50     | 0.915     | -0.007    | 3.179 | 0.016     | 0.016     | 0         | 55.9 | 56.8 | 59.3 | 160        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 18   | 40     | 50     | 0.928     | 0.03      | 3.179 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 60.6 | 160        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 18   | 50     | 50     | 0.948     | 0         | 3.182 | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 61.9 | 160        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 19   | 0      | 50     | 0.899     | 0         | 3.179 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 62.8 | 160        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 19   | 10     | 50     | 0.899     | -0.016    | 3.179 | 0.016     | 0.016     | 0         | 55.9 | 56.8 | 63.6 | 160        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 19   | 20     | 50     | 0.896     | -0.069    | 3.179 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 62.8 | 160        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 19   | 30     | 50     | 0.928     | -0.02     | 3.179 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 63.2 | 160        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 25  | 19   | 40     | 50     | 0.932     | -0.007    | 3.182 | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 62.8 | 161        | 162        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 19   | 50     | 50     | 0.892     | -0.023    | 3.182 | 0.013     | 0.01      | 0         | 56.3 | 56.3 | 61.9 | 161        | 162        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 20   | 0      | 50     | 0.912     | -0.026    | 3.179 | 0.016     | 0.016     | 0         | 55.9 | 56.3 | 62.8 | 160        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 20   | 10     | 50     | 0.942     | -0.039    | 3.179 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 63.2 | 160        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 20   | 20     | 50     | 0.945     | -0.01     | 3.179 | 0.016     | 0.016     | 0         | 55.9 | 56.8 | 62.8 | 160        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 20   | 30     | 50     | 0.912     | -0.036    | 3.182 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 63.2 | 160        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 20   | 40     | 50     | 0.938     | -0.03     | 3.182 | 0.016     | 0.016     | 0         | 55.9 | 56.8 | 63.2 | 160        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 20   | 50     | 50     | 0.938     | -0.046    | 3.182 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 62.8 | 160        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 21   | 0      | 50     | 0.915     | -0.03     | 3.182 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 62.4 | 160        | 162        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 21   | 10     | 50     | 0.925     | -0.033    | 3.182 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 62.4 | 160        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 21   | 20     | 50     | 0.942     | 0.007     | 3.182 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 62.4 | 160        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 21   | 30     | 50     | 0.902     | 0         | 3.182 | 0.02      | 0.016     | 0         | 55.9 | 56.3 | 62.4 | 160        | 162        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 21   | 40     | 50     | 0.919     | -0.059    | 3.182 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 62.4 | 160        | 162        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 21   | 50     | 50     | 0.925     | -0.046    | 3.182 | 0.016     | 0.016     | 0         | 55.9 | 56.8 | 62.4 | 160        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 22   | 0      | 50     | 0.906     | -0.039    | 3.182 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 62.8 | 160        | 162        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 22   | 10     | 50     | 0.906     | -0.052    | 3.182 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 61.9 | 160        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 22   | 20     | 50     | 0.935     | -0.03     | 3.182 | 0.016     | 0.016     | 0         | 55.9 | 56.3 | 61.5 | 160        | 162        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 22   | 30     | 50     | 0.932     | -0.03     | 3.182 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 61.9 | 160        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 22   | 40     | 50     | 0.922     | -0.03     | 3.186 | 0.016     | 0.016     | 0         | 55.5 | 56.8 | 60.6 | 160        | 162        | 0          | 31     | 30     |
| 2009 | 6     | 25  | 22   | 50     | 50     | 0.955     | -0.026    | 3.186 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 61.5 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 23   | 0      | 50     | 0.889     | -0.023    | 3.186 | 0.016     | 0.016     | 0         | 55.9 | 56.8 | 59.8 | 160        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 23   | 10     | 50     | 0.932     | 0         | 3.186 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 58.5 | 161        | 162        | 0          | 31     | 31     |
| 2009 | 6     | 25  | 23   | 20     | 50     | 0.938     | -0.059    | 3.189 | 0.016     | 0.013     | 0         | 56.3 | 56.8 | 58.5 | 161        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 23   | 30     | 50     | 0.948     | 0.013     | 3.189 | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 57.6 | 161        | 162        | 0          | 30     | 31     |
| 2009 | 6     | 25  | 23   | 40     | 50     | 0.922     | -0.013    | 3.189 | 0.016     | 0.016     | 0         | 56.3 | 57.2 | 59.3 | 161        | 163        | 0          | 30     | 30     |
| 2009 | 6     | 25  | 23   | 50     | 50     | 0.922     | -0.052    | 3.189 | 0.016     | 0.016     | 0         | 56.3 | 56.8 | 59.3 | 161        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 0    | 0      | 50     | 0.919     | -0.036    | 3.192 | 0.016     | 0.016     | 0         | 56.3 | 56.8 | 58   | 161        | 162        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 26  | 0    | 10     | 50     | 0.955     | -0.036    | 3.192 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 59.8 | 161        | 162        | 0          | 31     | 31     |
| 2009 | 6     | 26  | 0    | 20     | 50     | 0.912     | -0.016    | 3.196 | 0.016     | 0.016     | 0         | 55.9 | 56.3 | 59.3 | 161        | 162        | 0          | 31     | 31     |
| 2009 | 6     | 26  | 0    | 30     | 50     | 0.932     | -0.049    | 3.199 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 60.2 | 160        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 0    | 40     | 50     | 0.902     | -0.03     | 3.199 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 60.6 | 160        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 26  | 0    | 50     | 50     | 0.925     | -0.013    | 3.202 | 0.016     | 0.016     | 0         | 55.9 | 56.3 | 59.3 | 160        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 1    | 0      | 50     | 0.968     | -0.03     | 3.202 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 60.6 | 160        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 26  | 1    | 10     | 50     | 0.912     | -0.036    | 3.205 | 0.016     | 0.016     | 0         | 55.9 | 56.3 | 61.5 | 160        | 162        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 1    | 20     | 50     | 0.902     | -0.007    | 3.205 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 61.5 | 160        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 1    | 30     | 50     | 0.925     | -0.016    | 3.205 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 60.6 | 160        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 26  | 1    | 40     | 50     | 0.932     | -0.013    | 3.209 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 61.1 | 160        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 1    | 50     | 50     | 0.942     | -0.016    | 3.209 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 61.9 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 2    | 0      | 50     | 0.909     | 0         | 3.209 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 61.5 | 160        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 2    | 10     | 50     | 0.886     | -0.033    | 3.212 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 61.5 | 160        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 26  | 2    | 20     | 50     | 0.925     | -0.075    | 3.212 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 61.9 | 160        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 2    | 30     | 50     | 0.948     | -0.03     | 3.212 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 62.4 | 160        | 162        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 2    | 40     | 50     | 0.919     | -0.016    | 3.212 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 62.4 | 160        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 2    | 50     | 50     | 0.932     | -0.03     | 3.212 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 62.4 | 160        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 3    | 0      | 50     | 0.974     | -0.013    | 3.212 | 0.016     | 0.013     | 0         | 55.9 | 55.9 | 62.4 | 160        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 3    | 10     | 50     | 0.928     | -0.062    | 3.215 | 0.02      | 0.016     | 0         | 55.9 | 56.3 | 61.1 | 160        | 162        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 3    | 20     | 50     | 0.942     | -0.016    | 3.215 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 62.8 | 161        | 163        | 0          | 31     | 31     |
| 2009 | 6     | 26  | 3    | 30     | 50     | 0.958     | -0.049    | 3.215 | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 62.4 | 160        | 162        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 3    | 40     | 50     | 0.909     | -0.062    | 3.215 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 61.5 | 160        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 3    | 50     | 50     | 0.958     | -0.039    | 3.215 | 0.016     | 0.016     | 0         | 55.5 | 56.8 | 61.1 | 160        | 162        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 4    | 0      | 50     | 0.922     | -0.059    | 3.215 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 62.4 | 160        | 162        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 4    | 10     | 50     | 0.928     | 0.026     | 3.219 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 61.9 | 160        | 162        | 0          | 31     | 31     |
| 2009 | 6     | 26  | 4    | 20     | 50     | 0.942     | -0.007    | 3.219 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 60.6 | 161        | 162        | 0          | 31     | 31     |
| 2009 | 6     | 26  | 4    | 30     | 50     | 0.958     | -0.007    | 3.219 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 61.1 | 160        | 162        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 4    | 40     | 50     | 0.945     | -0.03     | 3.219 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 60.2 | 160        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 4    | 50     | 50     | 0.938     | -0.03     | 3.219 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 60.6 | 161        | 162        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 5    | 0      | 50     | 0.948     | -0.046    | 3.222 | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 59.8 | 161        | 162        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 5    | 10     | 50     | 0.935     | -0.016    | 3.222 | 0.016     | 0.013     | 0         | 56.3 | 57.2 | 58.5 | 161        | 163        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 5    | 20     | 50     | 0.938     | 0.02      | 3.225 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 59.3 | 161        | 163        | 0          | 31     | 31     |
| 2009 | 6     | 26  | 5    | 30     | 50     | 0.951     | -0.039    | 3.228 | 0.016     | 0.016     | 0         | 56.8 | 56.8 | 58.9 | 162        | 163        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 5    | 40     | 50     | 0.932     | -0.026    | 3.235 | 0.016     | 0.013     | 0         | 55.9 | 57.2 | 59.3 | 161        | 163        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 5    | 50     | 50     | 0.971     | 0.01      | 3.238 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 58.9 | 161        | 163        | 0          | 31     | 31     |
| 2009 | 6     | 26  | 6    | 0      | 50     | 0.935     | -0.049    | 3.238 | 0.013     | 0.01      | 0         | 56.3 | 56.3 | 60.2 | 161        | 162        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 6    | 10     | 50     | 0.958     | 0.003     | 3.238 | 0.016     | 0.013     | 0         | 56.3 | 56.8 | 60.6 | 161        | 163        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 6    | 20     | 50     | 0.948     | -0.026    | 3.241 | 0.016     | 0.016     | 0         | 56.3 | 56.8 | 59.8 | 161        | 163        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 6    | 30     | 50     | 0.938     | 0         | 3.241 | 0.016     | 0.016     | 0         | 56.3 | 56.8 | 61.9 | 161        | 163        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 6    | 40     | 50     | 0.951     | -0.016    | 3.241 | 0.016     | 0.013     | 0         | 56.3 | 56.8 | 62.4 | 161        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 6    | 50     | 50     | 0.942     | 0         | 3.245 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 61.1 | 161        | 163        | 0          | 31     | 31     |
| 2009 | 6     | 26  | 7    | 0      | 50     | 0.922     | -0.013    | 3.245 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 61.9 | 161        | 162        | 0          | 31     | 31     |
| 2009 | 6     | 26  | 7    | 10     | 50     | 0.942     | -0.043    | 3.245 | 0.016     | 0.016     | 0         | 55.9 | 56.8 | 62.4 | 160        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 7    | 20     | 50     | 0.942     | -0.046    | 3.245 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 62.8 | 160        | 162        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 7    | 30     | 50     | 0.948     | -0.036    | 3.248 | 0.01      | 0.007     | 0         | 55.5 | 56.8 | 62.4 | 159        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 7    | 40     | 50     | 0.951     | -0.052    | 3.248 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 61.5 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 7    | 50     | 50     | 0.922     | -0.013    | 3.248 | 0.016     | 0.016     | 0         | 55   | 55.9 | 61.9 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 26  | 8    | 0      | 50     | 0.919     | -0.039    | 3.248 | 0.016     | 0.013     | 0         | 55   | 56.3 | 61.9 | 159        | 161        | 0          | 31     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 26  | 8    | 10     | 50     | 0.951     | -0.016    | 3.248 | 0.016     | 0.013     | 0         | 55   | 56.3 | 61.9 | 159        | 161        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 8    | 20     | 50     | 0.935     | -0.016    | 3.248 | 0.013     | 0.01      | 0         | 55   | 55.9 | 62.4 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 26  | 8    | 30     | 50     | 0.945     | -0.072    | 3.251 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 61.5 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 8    | 40     | 50     | 0.942     | -0.059    | 3.251 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 61.9 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 8    | 50     | 50     | 0.994     | -0.043    | 3.251 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 61.9 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 9    | 0      | 50     | 0.955     | -0.026    | 3.255 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.9 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 26  | 9    | 10     | 50     | 0.948     | 0.01      | 3.255 | 0.01      | 0.007     | 0         | 55   | 55.9 | 61.5 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 26  | 9    | 20     | 50     | 0.971     | -0.016    | 3.255 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 61.5 | 158        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 26  | 9    | 30     | 50     | 0.965     | -0.03     | 3.255 | 0.013     | 0.01      | 0         | 55   | 55.5 | 61.5 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 9    | 40     | 50     | 0.965     | -0.02     | 3.255 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 59.8 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 9    | 50     | 50     | 0.968     | -0.023    | 3.258 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 61.1 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 10   | 0      | 50     | 0.974     | -0.013    | 3.258 | 0.016     | 0.013     | 0         | 55   | 55.5 | 61.5 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 10   | 10     | 50     | 0.974     | -0.033    | 3.258 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 61.1 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 10   | 20     | 50     | 0.955     | -0.036    | 3.258 | 0.013     | 0.01      | 0         | 55   | 55.5 | 61.1 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 10   | 30     | 50     | 0.965     | -0.02     | 3.261 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 61.1 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 26  | 10   | 40     | 50     | 0.978     | -0.049    | 3.261 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 60.6 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 10   | 50     | 50     | 0.968     | -0.049    | 3.261 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 60.2 | 158        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 11   | 0      | 50     | 0.991     | -0.023    | 3.264 | 0.02      | 0.016     | 0         | 55   | 55.5 | 61.1 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 11   | 10     | 50     | 0.984     | -0.023    | 3.264 | 0.013     | 0.01      | 0         | 55   | 55.5 | 61.5 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 11   | 20     | 50     | 0.951     | 0.026     | 3.264 | 0.013     | 0.01      | 0         | 55   | 55   | 59.8 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 11   | 30     | 50     | 1.024     | -0.023    | 3.264 | 0.016     | 0.013     | 0         | 55   | 55   | 60.6 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 11   | 40     | 50     | 0.945     | -0.013    | 3.268 | 0.013     | 0.01      | 0         | 55   | 55.5 | 59.8 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 11   | 50     | 50     | 0.981     | -0.016    | 3.268 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 59.8 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 12   | 0      | 50     | 0.961     | -0.046    | 3.268 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 58.9 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 12   | 10     | 50     | 0.942     | 0.01      | 3.268 | 0.013     | 0.01      | 0         | 54.6 | 55   | 59.3 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 12   | 20     | 50     | 0.971     | -0.007    | 3.268 | 0.016     | 0.013     | 0         | 54.6 | 55   | 61.1 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 12   | 30     | 50     | 0.994     | -0.033    | 3.271 | 0.016     | 0.016     | 0         | 54.2 | 55   | 59.3 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 26  | 12   | 40     | 50     | 0.978     | -0.003    | 3.271 | 0.016     | 0.013     | 0         | 55   | 55   | 59.8 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 12   | 50     | 50     | 0.974     | -0.01     | 3.271 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 59.3 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 13   | 0      | 50     | 0.974     | -0.02     | 3.274 | 0.016     | 0.013     | 0         | 55   | 55.9 | 59.3 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 13   | 10     | 50     | 1.001     | -0.01     | 3.274 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 60.2 | 158        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 13   | 20     | 50     | 0.971     | -0.016    | 3.274 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 58.5 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 13   | 30     | 50     | 1.007     | -0.016    | 3.274 | 0.016     | 0.013     | 0         | 55   | 55.5 | 59.3 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 13   | 40     | 50     | 0.974     | 0.03      | 3.274 | 0.016     | 0.013     | 0         | 55   | 55.5 | 59.8 | 157        | 159        | 0          | 29     | 30     |
| 2009 | 6     | 26  | 13   | 50     | 50     | 0.978     | 0.01      | 3.278 | 0.016     | 0.013     | 0         | 55   | 55.5 | 58.5 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 14   | 0      | 50     | 0.968     | -0.036    | 3.278 | 0.013     | 0.01      | 0         | 55   | 55.5 | 60.2 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 14   | 10     | 50     | 0.981     | -0.02     | 3.281 | 0.016     | 0.016     | 0         | 54.6 | 55   | 58.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 14   | 20     | 50     | 0.994     | -0.03     | 3.281 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 58.5 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 14   | 30     | 50     | 0.981     | -0.016    | 3.281 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 58.9 | 158        | 159        | 0          | 29     | 30     |
| 2009 | 6     | 26  | 14   | 40     | 50     | 0.978     | -0.013    | 3.284 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 59.8 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 14   | 50     | 50     | 0.978     | -0.007    | 3.281 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 58   | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 15   | 0      | 50     | 1.014     | 0         | 3.284 | 0.013     | 0.01      | 0         | 54.6 | 55   | 58.9 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 15   | 10     | 50     | 0.974     | -0.026    | 3.287 | 0.013     | 0.01      | 0         | 54.6 | 55   | 58   | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 15   | 20     | 50     | 0.984     | -0.007    | 3.287 | 0.016     | 0.016     | 0         | 54.2 | 55.5 | 59.3 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 15   | 30     | 50     | 1.01      | -0.016    | 3.291 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 58.5 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 15   | 40     | 50     | 0.984     | -0.033    | 3.291 | 0.016     | 0.013     | 0         | 54.6 | 55   | 59.8 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 15   | 50     | 50     | 0.974     | -0.02     | 3.291 | 0.016     | 0.013     | 0         | 54.6 | 55   | 60.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 16   | 0      | 50     | 0.961     | -0.016    | 3.291 | 0.016     | 0.013     | 0         | 55   | 55.5 | 58   | 158        | 159        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 26  | 16   | 10     | 50     | 0.974     | -0.02     | 3.294 | 0.013     | 0.01      | 0         | 55   | 55.5 | 59.8 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 16   | 20     | 50     | 0.997     | -0.003    | 3.294 | 0.016     | 0.013     | 0         | 55   | 55.5 | 59.3 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 16   | 30     | 50     | 0.984     | -0.01     | 3.294 | 0.013     | 0.01      | 0         | 55   | 55.5 | 60.2 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 16   | 40     | 50     | 0.981     | -0.013    | 3.297 | 0.016     | 0.013     | 0         | 54.6 | 55   | 60.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 16   | 50     | 50     | 0.965     | -0.003    | 3.297 | 0.016     | 0.013     | 0         | 54.6 | 55   | 61.1 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 17   | 0      | 50     | 0.978     | -0.03     | 3.297 | 0.016     | 0.013     | 0         | 54.2 | 55   | 60.2 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 17   | 10     | 50     | 1.01      | -0.016    | 3.297 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 60.6 | 156        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 17   | 20     | 50     | 0.981     | 0.016     | 3.301 | 0.013     | 0.01      | 0         | 54.2 | 55   | 61.9 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 17   | 30     | 50     | 0.968     | 0         | 3.301 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.1 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 17   | 40     | 50     | 0.994     | -0.023    | 3.301 | 0.016     | 0.013     | 0         | 54.6 | 55   | 61.9 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 17   | 50     | 50     | 0.981     | -0.016    | 3.301 | 0.013     | 0.01      | 0         | 54.6 | 55   | 62.4 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 18   | 0      | 50     | 0.988     | -0.03     | 3.301 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.9 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 18   | 10     | 50     | 0.974     | -0.02     | 3.301 | 0.016     | 0.013     | 0         | 53.8 | 55   | 63.2 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 18   | 20     | 50     | 1.007     | -0.046    | 3.301 | 0.016     | 0.013     | 0         | 54.6 | 54.6 | 62.4 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 18   | 30     | 50     | 0.991     | -0.046    | 3.301 | 0.01      | 0.007     | 0         | 54.6 | 55   | 62.8 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 18   | 40     | 50     | 0.984     | -0.013    | 3.304 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.9 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 18   | 50     | 50     | 1.014     | -0.023    | 3.304 | 0.016     | 0.013     | 0         | 55   | 55.5 | 62.8 | 157        | 159        | 0          | 29     | 30     |
| 2009 | 6     | 26  | 19   | 0      | 50     | 0.978     | -0.03     | 3.304 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 62.4 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 19   | 10     | 50     | 1.001     | -0.013    | 3.304 | 0.01      | 0.007     | 0         | 55   | 55.5 | 62.8 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 19   | 20     | 50     | 1.03      | -0.033    | 3.304 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 62.4 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 19   | 30     | 50     | 1.01      | -0.02     | 3.304 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.5 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 19   | 40     | 50     | 0.988     | -0.016    | 3.304 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.5 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 19   | 50     | 50     | 1.017     | -0.043    | 3.304 | 0.02      | 0.016     | 0         | 54.6 | 55   | 62.4 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 20   | 0      | 50     | 1.024     | 0         | 3.307 | 0.016     | 0.013     | 0         | 55.5 | 55   | 61.1 | 158        | 159        | 0          | 29     | 31     |
| 2009 | 6     | 26  | 20   | 10     | 50     | 1.007     | -0.03     | 3.307 | 0.016     | 0.013     | 0         | 55   | 55.5 | 61.9 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 20   | 20     | 50     | 0.974     | -0.026    | 3.307 | 0.016     | 0.013     | 0         | 55   | 55.9 | 60.2 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 20   | 30     | 50     | 0.997     | -0.039    | 3.307 | 0.016     | 0.013     | 0         | 55   | 55.9 | 60.6 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 20   | 40     | 50     | 1.007     | -0.023    | 3.307 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 58.9 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 20   | 50     | 50     | 0.994     | -0.02     | 3.31  | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 59.8 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 21   | 0      | 50     | 1.027     | -0.01     | 3.31  | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 58.5 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 21   | 10     | 50     | 1.02      | -0.039    | 3.31  | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 58.9 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 21   | 20     | 50     | 1.02      | -0.013    | 3.314 | 0.016     | 0.016     | 0         | 55.5 | 55.5 | 58.5 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 21   | 30     | 50     | 1.01      | -0.052    | 3.314 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 58.9 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 21   | 40     | 50     | 0.988     | -0.003    | 3.32  | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 58   | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 21   | 50     | 50     | 1.004     | -0.023    | 3.32  | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 58.9 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 22   | 0      | 50     | 1.043     | -0.043    | 3.327 | 0.016     | 0.013     | 0         | 55   | 55.9 | 58.5 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 22   | 10     | 50     | 1.017     | -0.013    | 3.327 | 0.016     | 0.013     | 0         | 55   | 55.9 | 61.1 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 22   | 20     | 50     | 1.02      | -0.059    | 3.327 | 0.016     | 0.016     | 0         | 55   | 55.5 | 61.5 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 22   | 30     | 50     | 0.991     | -0.059    | 3.33  | 0.016     | 0.013     | 0         | 55   | 55.5 | 60.6 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 22   | 40     | 50     | 1.03      | -0.007    | 3.33  | 0.016     | 0.013     | 0         | 55   | 55.9 | 60.2 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 22   | 50     | 50     | 0.978     | -0.052    | 3.33  | 0.01      | 0.007     | 0         | 55   | 55.5 | 61.1 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 23   | 0      | 50     | 1.027     | 0.013     | 3.33  | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 61.5 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 26  | 23   | 10     | 50     | 1.007     | -0.03     | 3.333 | 0.013     | 0.01      | 0         | 55   | 55.5 | 62.4 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 23   | 20     | 50     | 1.027     | 0         | 3.333 | 0.01      | 0.007     | 0         | 55   | 55.5 | 61.9 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 23   | 30     | 50     | 1.014     | -0.013    | 3.333 | 0.013     | 0.01      | 0         | 55   | 55.9 | 62.4 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 26  | 23   | 40     | 50     | 1.004     | -0.069    | 3.333 | 0.013     | 0.01      | 0         | 55   | 55.5 | 62.4 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 26  | 23   | 50     | 50     | 1.017     | -0.03     | 3.337 | 0.013     | 0.01      | 0         | 55   | 55.5 | 62.4 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 0    | 0      | 50     | 1.01      | -0.016    | 3.333 | 0.016     | 0.016     | 0         | 55   | 55.5 | 61.9 | 158        | 160        | 0          | 30     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 27  | 0    | 10     | 50     | 1.004     | -0.043    | 3.337 | 0.01      | 0.007     | 0         | 55   | 55.9 | 61.1 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 0    | 20     | 50     | 1.001     | -0.013    | 3.337 | 0.016     | 0.013     | 0         | 55   | 55.5 | 61.5 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 0    | 30     | 50     | 1.024     | -0.033    | 3.337 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 61.5 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 0    | 40     | 50     | 0.994     | -0.036    | 3.337 | 0.013     | 0.01      | 0         | 55   | 55.9 | 61.9 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 0    | 50     | 50     | 0.978     | -0.052    | 3.337 | 0.016     | 0.013     | 0         | 55   | 55.5 | 60.6 | 159        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 27  | 1    | 0      | 50     | 1.02      | -0.043    | 3.337 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 60.6 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 1    | 10     | 50     | 1.03      | 0         | 3.34  | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 61.5 | 158        | 160        | 0          | 29     | 30     |
| 2009 | 6     | 27  | 1    | 20     | 50     | 1.047     | -0.036    | 3.34  | 0.013     | 0.01      | 0         | 55   | 55.9 | 61.1 | 159        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 27  | 1    | 30     | 50     | 0.997     | -0.023    | 3.34  | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 61.1 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 1    | 40     | 50     | 1.014     | -0.03     | 3.34  | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 60.2 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 1    | 50     | 50     | 1.014     | -0.023    | 3.34  | 0.01      | 0.007     | 0         | 55   | 55.5 | 61.5 | 159        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 27  | 2    | 0      | 50     | 1.053     | -0.013    | 3.34  | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 60.2 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 2    | 10     | 50     | 1.014     | -0.03     | 3.343 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 60.6 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 2    | 20     | 50     | 1.01      | -0.03     | 3.343 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 59.8 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 2    | 30     | 50     | 1.01      | -0.03     | 3.343 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 58.9 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 2    | 40     | 50     | 0.997     | -0.026    | 3.346 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 59.3 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 2    | 50     | 50     | 1.04      | -0.016    | 3.346 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 57.6 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 3    | 0      | 50     | 1.043     | -0.033    | 3.35  | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 58.5 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 3    | 10     | 50     | 1.063     | -0.043    | 3.353 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 59.3 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 3    | 20     | 50     | 1.043     | -0.023    | 3.356 | 0.01      | 0.007     | 0         | 55.5 | 55.5 | 58.9 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 3    | 30     | 50     | 1.043     | -0.043    | 3.356 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 59.3 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 3    | 40     | 50     | 1.02      | -0.043    | 3.36  | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 58.9 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 3    | 50     | 50     | 1.03      | -0.059    | 3.363 | 0.013     | 0.01      | 0         | 55   | 55.5 | 60.2 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 4    | 0      | 50     | 1.024     | -0.056    | 3.363 | 0.01      | 0.007     | 0         | 55.5 | 55.5 | 61.5 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 4    | 10     | 50     | 1.014     | 0         | 3.363 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 61.1 | 158        | 160        | 0          | 29     | 30     |
| 2009 | 6     | 27  | 4    | 20     | 50     | 0.994     | -0.056    | 3.363 | 0.016     | 0.013     | 0         | 55   | 55.5 | 60.6 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 4    | 30     | 50     | 1.027     | -0.049    | 3.366 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 61.9 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 4    | 40     | 50     | 0.991     | -0.036    | 3.366 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 61.1 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 4    | 50     | 50     | 1.027     | -0.049    | 3.366 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 61.9 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 5    | 0      | 50     | 1.017     | -0.013    | 3.366 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 61.5 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 5    | 10     | 50     | 1.007     | -0.02     | 3.366 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 60.6 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 5    | 20     | 50     | 1.03      | -0.075    | 3.366 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 61.5 | 160        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 27  | 5    | 30     | 50     | 1.017     | -0.039    | 3.366 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 61.5 | 160        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 27  | 5    | 40     | 50     | 1.053     | -0.023    | 3.369 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 60.6 | 160        | 161        | 0          | 30     | 32     |
| 2009 | 6     | 27  | 5    | 50     | 50     | 1.037     | 0         | 3.369 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 60.2 | 160        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 6    | 0      | 50     | 1.024     | -0.036    | 3.369 | 0.016     | 0.016     | 0         | 55.9 | 56.8 | 59.3 | 160        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 6    | 10     | 50     | 1.03      | -0.039    | 3.369 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 61.5 | 160        | 162        | 0          | 31     | 31     |
| 2009 | 6     | 27  | 6    | 20     | 50     | 1.017     | -0.036    | 3.369 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 60.2 | 160        | 162        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 6    | 30     | 50     | 1.03      | -0.043    | 3.369 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 59.8 | 160        | 162        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 6    | 40     | 50     | 1.024     | -0.02     | 3.373 | 0.016     | 0.016     | 0         | 55.5 | 56.8 | 58.9 | 160        | 162        | 0          | 31     | 30     |
| 2009 | 6     | 27  | 6    | 50     | 50     | 1.07      | -0.039    | 3.373 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 59.8 | 160        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 27  | 7    | 0      | 50     | 1.05      | -0.003    | 3.373 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 58.9 | 160        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 7    | 10     | 50     | 1.06      | -0.02     | 3.373 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 59.8 | 160        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 7    | 20     | 50     | 1.053     | -0.075    | 3.376 | 0.016     | 0.013     | 0         | 55   | 56.3 | 58.5 | 159        | 161        | 0          | 31     | 30     |
| 2009 | 6     | 27  | 7    | 30     | 50     | 1.047     | -0.036    | 3.376 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 59.3 | 159        | 161        | 0          | 30     | 32     |
| 2009 | 6     | 27  | 7    | 40     | 50     | 1.014     | -0.043    | 3.376 | 0.013     | 0.01      | 0         | 55   | 56.3 | 58   | 159        | 161        | 0          | 31     | 30     |
| 2009 | 6     | 27  | 7    | 50     | 50     | 1.024     | -0.013    | 3.379 | 0.016     | 0.013     | 0         | 55   | 55.9 | 58   | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 27  | 8    | 0      | 50     | 1.056     | -0.03     | 3.379 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 57.6 | 159        | 161        | 0          | 30     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 27  | 8    | 10     | 50     | 1.06      | -0.046    | 3.383 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 58   | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 8    | 20     | 50     | 1.03      | -0.049    | 3.386 | 0.016     | 0.016     | 0         | 55   | 55.9 | 58.9 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 8    | 30     | 50     | 1.079     | -0.033    | 3.386 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 58.5 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 27  | 8    | 40     | 50     | 1.02      | 0         | 3.389 | 0.016     | 0.013     | 0         | 55   | 55.5 | 58   | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 8    | 50     | 50     | 1.037     | -0.072    | 3.389 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 58.5 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 9    | 0      | 50     | 1.083     | 0         | 3.392 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 57.6 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 27  | 9    | 10     | 50     | 1.047     | -0.013    | 3.392 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 56.8 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 27  | 9    | 20     | 50     | 1.063     | -0.039    | 3.392 | 0.01      | 0.007     | 0         | 55.5 | 55.5 | 58   | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 9    | 30     | 50     | 1.033     | -0.046    | 3.392 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 58.5 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 27  | 9    | 40     | 50     | 1.056     | -0.026    | 3.396 | 0.013     | 0.01      | 0         | 54.2 | 55.5 | 58.9 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 27  | 9    | 50     | 50     | 1.056     | -0.02     | 3.396 | 0.013     | 0.01      | 0         | 54.6 | 55   | 59.3 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 10   | 0      | 50     | 1.05      | -0.03     | 3.396 | 0.016     | 0.013     | 0         | 54.6 | 55   | 59.8 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 10   | 10     | 50     | 1.05      | -0.02     | 3.396 | 0.01      | 0.007     | 0         | 54.2 | 55   | 60.2 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 27  | 10   | 20     | 50     | 1.027     | -0.056    | 3.396 | 0.016     | 0.013     | 0         | 54.6 | 55   | 60.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 10   | 30     | 50     | 1.053     | -0.033    | 3.399 | 0.013     | 0.01      | 0         | 54.6 | 55   | 60.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 10   | 40     | 50     | 1.076     | -0.059    | 3.399 | 0.013     | 0.01      | 0         | 54.6 | 55   | 59.3 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 10   | 50     | 50     | 1.066     | -0.056    | 3.399 | 0.013     | 0.01      | 0         | 54.6 | 55   | 60.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 11   | 0      | 50     | 1.033     | -0.016    | 3.399 | 0.013     | 0.01      | 0         | 55   | 55   | 59.8 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 11   | 10     | 50     | 1.033     | -0.03     | 3.402 | 0.016     | 0.013     | 0         | 55   | 55.5 | 61.1 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 11   | 20     | 50     | 1.02      | -0.052    | 3.402 | 0.016     | 0.013     | 0         | 54.2 | 55   | 60.2 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 27  | 11   | 30     | 50     | 1.05      | -0.049    | 3.399 | 0.016     | 0.013     | 0         | 54.6 | 55   | 59.3 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 11   | 40     | 50     | 1.043     | -0.023    | 3.402 | 0.013     | 0.01      | 0         | 54.6 | 55   | 60.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 11   | 50     | 50     | 1.053     | -0.02     | 3.402 | 0.016     | 0.013     | 0         | 54.2 | 55   | 59.8 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 27  | 12   | 0      | 50     | 1.093     | -0.016    | 3.402 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 59.8 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 12   | 10     | 50     | 1.043     | -0.043    | 3.402 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 59.8 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 12   | 20     | 50     | 1.037     | -0.02     | 3.406 | 0.016     | 0.013     | 0         | 54.6 | 55   | 61.1 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 12   | 30     | 50     | 1.043     | -0.013    | 3.406 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 59.3 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 12   | 40     | 50     | 1.047     | -0.049    | 3.406 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 59.8 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 12   | 50     | 50     | 1.037     | -0.026    | 3.406 | 0.013     | 0.01      | 0         | 54.6 | 55   | 59.3 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 13   | 0      | 50     | 1.089     | -0.016    | 3.406 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 58.9 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 13   | 10     | 50     | 1.07      | 0.007     | 3.409 | 0.013     | 0.01      | 0         | 55   | 55   | 60.2 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 13   | 20     | 50     | 1.047     | 0         | 3.406 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 59.8 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 13   | 30     | 50     | 1.056     | -0.023    | 3.409 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 59.8 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 13   | 40     | 50     | 1.066     | -0.003    | 3.409 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 60.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 13   | 50     | 50     | 1.073     | -0.023    | 3.409 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 59.8 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 14   | 0      | 50     | 1.053     | 0         | 3.409 | 0.016     | 0.013     | 0         | 55   | 55.5 | 59.3 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 14   | 10     | 50     | 1.047     | -0.03     | 3.409 | 0.016     | 0.013     | 0         | 54.6 | 55   | 60.6 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 14   | 20     | 50     | 1.024     | -0.003    | 3.409 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 58.9 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 14   | 30     | 50     | 1.07      | -0.007    | 3.409 | 0.016     | 0.013     | 0         | 54.6 | 55   | 59.8 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 14   | 40     | 50     | 1.07      | -0.013    | 3.409 | 0.013     | 0.01      | 0         | 54.6 | 55   | 60.2 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 14   | 50     | 50     | 1.03      | -0.01     | 3.412 | 0.016     | 0.013     | 0         | 54.6 | 55   | 60.2 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 15   | 0      | 50     | 1.096     | -0.013    | 3.412 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 58.9 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 15   | 10     | 50     | 1.063     | -0.046    | 3.412 | 0.016     | 0.013     | 0         | 54.6 | 55   | 61.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 15   | 20     | 50     | 1.056     | 0         | 3.412 | 0.016     | 0.013     | 0         | 54.6 | 55   | 60.6 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 15   | 30     | 50     | 1.037     | -0.007    | 3.412 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 60.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 15   | 40     | 50     | 1.024     | 0         | 3.412 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 60.6 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 15   | 50     | 50     | 1.076     | -0.059    | 3.415 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.1 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 16   | 0      | 50     | 1.03      | -0.033    | 3.415 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 60.2 | 157        | 159        | 0          | 30     | 30     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 27  | 16   | 10     | 50     | 1.066     | -0.02     | 3.415 | 0.016     | 0.016     | 0         | 54.2 | 55.5 | 60.6 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 27  | 16   | 20     | 50     | 1.053     | -0.039    | 3.415 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 62.8 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 16   | 30     | 50     | 1.063     | -0.023    | 3.415 | 0.02      | 0.016     | 0         | 54.6 | 54.6 | 61.1 | 157        | 159        | 0          | 30     | 32     |
| 2009 | 6     | 27  | 16   | 40     | 50     | 1.066     | -0.01     | 3.419 | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.9 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 16   | 50     | 50     | 1.063     | 0         | 3.415 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 61.5 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 17   | 0      | 50     | 1.066     | -0.043    | 3.419 | 0.013     | 0.01      | 0         | 55   | 55.5 | 62.8 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 17   | 10     | 50     | 1.083     | -0.046    | 3.419 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 62.4 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 17   | 20     | 50     | 1.076     | -0.016    | 3.419 | 0.013     | 0.01      | 0         | 55   | 55   | 61.9 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 17   | 30     | 50     | 1.063     | -0.013    | 3.419 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 61.5 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 17   | 40     | 50     | 1.076     | -0.02     | 3.419 | 0.016     | 0.016     | 0         | 54.6 | 55   | 62.4 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 17   | 50     | 50     | 1.076     | -0.059    | 3.419 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 61.5 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 18   | 0      | 50     | 1.07      | -0.033    | 3.419 | 0.016     | 0.013     | 0         | 55   | 55.5 | 61.5 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 18   | 10     | 50     | 1.033     | -0.03     | 3.422 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 62.4 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 18   | 20     | 50     | 1.112     | -0.056    | 3.422 | 0.016     | 0.013     | 0         | 55   | 55.5 | 61.9 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 18   | 30     | 50     | 1.106     | -0.023    | 3.422 | 0.016     | 0.013     | 0         | 55.5 | 55   | 61.9 | 158        | 159        | 0          | 29     | 31     |
| 2009 | 6     | 27  | 18   | 40     | 50     | 1.086     | -0.03     | 3.422 | 0.016     | 0.013     | 0         | 55   | 55.5 | 61.5 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 18   | 50     | 50     | 1.053     | -0.033    | 3.422 | 0.016     | 0.013     | 0         | 55   | 55.5 | 61.1 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 19   | 0      | 50     | 1.056     | -0.052    | 3.422 | 0.013     | 0.01      | 0         | 55   | 55.5 | 62.4 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 19   | 10     | 50     | 1.027     | -0.026    | 3.422 | 0.016     | 0.013     | 0         | 55   | 55.5 | 62.8 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 19   | 20     | 50     | 1.106     | -0.023    | 3.422 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 61.5 | 158        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 27  | 19   | 30     | 50     | 1.056     | -0.013    | 3.422 | 0.016     | 0.013     | 0         | 55   | 55.9 | 61.5 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 19   | 40     | 50     | 1.053     | 0         | 3.422 | 0.016     | 0.013     | 0         | 55   | 55.9 | 60.6 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 19   | 50     | 50     | 1.053     | -0.059    | 3.422 | 0.016     | 0.013     | 0         | 55   | 55.9 | 60.6 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 20   | 0      | 50     | 1.056     | -0.026    | 3.422 | 0.013     | 0.01      | 0         | 55   | 55.9 | 60.2 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 20   | 10     | 50     | 1.063     | -0.023    | 3.425 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 60.2 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 20   | 20     | 50     | 1.096     | -0.007    | 3.425 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 60.2 | 158        | 160        | 0          | 29     | 30     |
| 2009 | 6     | 27  | 20   | 30     | 50     | 1.06      | -0.046    | 3.425 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 61.1 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 20   | 40     | 50     | 1.083     | -0.02     | 3.425 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 59.8 | 160        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 20   | 50     | 50     | 1.096     | -0.046    | 3.425 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 60.2 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 21   | 0      | 50     | 1.076     | -0.02     | 3.425 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 59.3 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 21   | 10     | 50     | 1.04      | -0.043    | 3.428 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 58.9 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 21   | 20     | 50     | 1.06      | -0.052    | 3.428 | 0.013     | 0.01      | 0         | 55   | 55.5 | 58.5 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 21   | 30     | 50     | 1.089     | -0.03     | 3.428 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 59.3 | 158        | 160        | 0          | 29     | 30     |
| 2009 | 6     | 27  | 21   | 40     | 50     | 1.07      | -0.039    | 3.428 | 0.016     | 0.013     | 0         | 55   | 55.9 | 59.3 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 21   | 50     | 50     | 1.083     | -0.026    | 3.428 | 0.01      | 0.007     | 0         | 55   | 55.9 | 58   | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 22   | 0      | 50     | 1.06      | -0.01     | 3.428 | 0.016     | 0.013     | 0         | 55   | 55.9 | 59.3 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 22   | 10     | 50     | 1.043     | -0.036    | 3.432 | 0.016     | 0.013     | 0         | 55   | 55   | 58   | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 22   | 20     | 50     | 1.115     | -0.03     | 3.435 | 0.016     | 0.013     | 0         | 55   | 55.9 | 57.2 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 22   | 30     | 50     | 1.096     | -0.023    | 3.438 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 58.5 | 158        | 159        | 0          | 29     | 30     |
| 2009 | 6     | 27  | 22   | 40     | 50     | 1.086     | -0.036    | 3.438 | 0.01      | 0.007     | 0         | 55   | 55.5 | 57.2 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 22   | 50     | 50     | 1.063     | -0.049    | 3.442 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 57.6 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 23   | 0      | 50     | 1.099     | 0         | 3.442 | 0.016     | 0.016     | 0         | 55   | 55.9 | 57.6 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 23   | 10     | 50     | 1.099     | -0.023    | 3.445 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 60.2 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 23   | 20     | 50     | 1.063     | -0.016    | 3.448 | 0.016     | 0.013     | 0         | 55   | 55.5 | 58.5 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 23   | 30     | 50     | 1.093     | -0.036    | 3.448 | 0.016     | 0.013     | 0         | 55   | 55.5 | 59.8 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 27  | 23   | 40     | 50     | 1.053     | -0.056    | 3.448 | 0.016     | 0.013     | 0         | 55   | 55   | 59.8 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 27  | 23   | 50     | 50     | 1.083     | -0.01     | 3.448 | 0.013     | 0.01      | 0         | 55   | 55.5 | 60.2 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 0    | 0      | 50     | 1.099     | -0.036    | 3.451 | 0.013     | 0.01      | 0         | 55   | 55.5 | 59.8 | 158        | 159        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 28  | 0    | 10     | 50     | 1.083     | -0.016    | 3.451 | 0.016     | 0.013     | 0         | 55   | 55.5 | 60.6 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 0    | 20     | 50     | 1.07      | -0.046    | 3.451 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 61.9 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 28  | 0    | 30     | 50     | 1.05      | -0.062    | 3.451 | 0.016     | 0.013     | 0         | 55   | 55.5 | 61.9 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 0    | 40     | 50     | 1.079     | -0.049    | 3.455 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 61.1 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 28  | 0    | 50     | 50     | 1.083     | -0.023    | 3.455 | 0.013     | 0.01      | 0         | 55   | 55.5 | 61.5 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 1    | 0      | 50     | 1.083     | -0.036    | 3.455 | 0.016     | 0.013     | 0         | 55   | 55.9 | 61.1 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 1    | 10     | 50     | 1.083     | -0.046    | 3.455 | 0.01      | 0.007     | 0         | 55   | 55.5 | 61.5 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 1    | 20     | 50     | 1.109     | -0.039    | 3.455 | 0.013     | 0.01      | 0         | 55   | 55.9 | 61.1 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 1    | 30     | 50     | 1.079     | -0.02     | 3.455 | 0.013     | 0.01      | 0         | 55   | 55.5 | 60.6 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 1    | 40     | 50     | 1.089     | -0.072    | 3.455 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 61.5 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 28  | 1    | 50     | 50     | 1.079     | -0.013    | 3.458 | 0.016     | 0.013     | 0         | 55   | 55.5 | 61.1 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 2    | 0      | 50     | 1.096     | -0.046    | 3.458 | 0.016     | 0.016     | 0         | 55   | 55.9 | 60.6 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 2    | 10     | 50     | 1.112     | -0.02     | 3.458 | 0.013     | 0.01      | 0         | 55   | 55.9 | 60.6 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 2    | 20     | 50     | 1.086     | 0.013     | 3.458 | 0.016     | 0.016     | 0         | 55   | 55.9 | 59.8 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 2    | 30     | 50     | 1.066     | -0.049    | 3.458 | 0.013     | 0.01      | 0         | 55   | 55.5 | 58.9 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 2    | 40     | 50     | 1.079     | -0.03     | 3.461 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 59.8 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 2    | 50     | 50     | 1.129     | -0.036    | 3.461 | 0.01      | 0.007     | 0         | 55   | 55.5 | 58.9 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 3    | 0      | 50     | 1.076     | -0.026    | 3.461 | 0.013     | 0.01      | 0         | 55   | 55.9 | 59.8 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 3    | 10     | 50     | 1.083     | -0.03     | 3.461 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 59.8 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 28  | 3    | 20     | 50     | 1.109     | -0.016    | 3.461 | 0.013     | 0.01      | 0         | 55   | 55.9 | 59.3 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 3    | 30     | 50     | 1.093     | 0         | 3.461 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 58.9 | 158        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 28  | 3    | 40     | 50     | 1.076     | -0.046    | 3.465 | 0.013     | 0.01      | 0         | 55   | 55.5 | 58   | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 3    | 50     | 50     | 1.089     | -0.059    | 3.465 | 0.013     | 0.01      | 0         | 55   | 55.9 | 58   | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 4    | 0      | 50     | 1.089     | -0.046    | 3.468 | 0.01      | 0.007     | 0         | 55   | 55.9 | 57.6 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 4    | 10     | 50     | 1.096     | -0.013    | 3.471 | 0.013     | 0.01      | 0         | 55   | 55.9 | 56.3 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 4    | 20     | 50     | 1.096     | -0.03     | 3.474 | 0.013     | 0.01      | 0         | 55   | 55.9 | 57.6 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 4    | 30     | 50     | 1.096     | 0         | 3.478 | 0.01      | 0.007     | 0         | 55   | 55.9 | 56.8 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 4    | 40     | 50     | 1.102     | -0.03     | 3.478 | 0.01      | 0.007     | 0         | 55   | 55.9 | 58.9 | 159        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 28  | 4    | 50     | 50     | 1.073     | -0.033    | 3.481 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 58.9 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 5    | 0      | 50     | 1.102     | -0.023    | 3.481 | 0.013     | 0.01      | 0         | 55   | 55.9 | 58.9 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 28  | 5    | 10     | 50     | 1.102     | -0.03     | 3.481 | 0.016     | 0.013     | 0         | 55   | 56.3 | 59.8 | 159        | 161        | 0          | 31     | 30     |
| 2009 | 6     | 28  | 5    | 20     | 50     | 1.07      | -0.069    | 3.484 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 60.6 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 5    | 30     | 50     | 1.079     | -0.046    | 3.484 | 0.016     | 0.016     | 0         | 55.9 | 55.9 | 58.9 | 160        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 5    | 40     | 50     | 1.073     | -0.072    | 3.484 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 60.2 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 5    | 50     | 50     | 1.079     | -0.013    | 3.488 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 60.6 | 160        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 6    | 0      | 50     | 1.102     | -0.056    | 3.488 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 60.2 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 6    | 10     | 50     | 1.099     | -0.043    | 3.488 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 59.3 | 160        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 6    | 20     | 50     | 1.099     | -0.039    | 3.488 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 59.8 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 6    | 30     | 50     | 1.106     | -0.046    | 3.488 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 59.8 | 160        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 6    | 40     | 50     | 1.125     | -0.03     | 3.488 | 0.013     | 0.01      | 0         | 55.5 | 56.8 | 59.8 | 160        | 161        | 0          | 31     | 29     |
| 2009 | 6     | 28  | 6    | 50     | 50     | 1.089     | -0.013    | 3.488 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 60.2 | 160        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 7    | 0      | 50     | 1.132     | -0.046    | 3.491 | 0.013     | 0.01      | 0         | 55   | 55.9 | 59.3 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 28  | 7    | 10     | 50     | 1.112     | -0.036    | 3.491 | 0.016     | 0.013     | 0         | 55   | 56.3 | 59.8 | 159        | 161        | 0          | 31     | 30     |
| 2009 | 6     | 28  | 7    | 20     | 50     | 1.073     | -0.043    | 3.491 | 0.013     | 0.01      | 0         | 55   | 55.9 | 60.6 | 159        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 28  | 7    | 30     | 50     | 1.152     | -0.039    | 3.491 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 59.3 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 7    | 40     | 50     | 1.096     | -0.036    | 3.491 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 59.8 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 7    | 50     | 50     | 1.076     | -0.066    | 3.491 | 0.016     | 0.013     | 0         | 55   | 55.9 | 60.2 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 28  | 8    | 0      | 50     | 1.102     | -0.023    | 3.494 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 58.5 | 159        | 161        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 28  | 8    | 10     | 50     | 1.138     | -0.026    | 3.494 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 58.5 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 8    | 20     | 50     | 1.112     | -0.007    | 3.494 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 58.9 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 8    | 30     | 50     | 1.119     | -0.043    | 3.494 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 58.5 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 8    | 40     | 50     | 1.109     | -0.049    | 3.497 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 58.9 | 158        | 160        | 0          | 31     | 31     |
| 2009 | 6     | 28  | 8    | 50     | 50     | 1.135     | -0.043    | 3.497 | 0.013     | 0.01      | 0         | 55   | 55.9 | 59.3 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 9    | 0      | 50     | 1.106     | -0.03     | 3.497 | 0.01      | 0.007     | 0         | 55   | 55.5 | 58   | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 9    | 10     | 50     | 1.135     | -0.066    | 3.497 | 0.013     | 0.01      | 0         | 55   | 55.5 | 58   | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 9    | 20     | 50     | 1.161     | -0.039    | 3.497 | 0.01      | 0.007     | 0         | 55   | 55.9 | 57.2 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 9    | 30     | 50     | 1.102     | -0.066    | 3.497 | 0.016     | 0.013     | 0         | 55   | 55.9 | 58.5 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 9    | 40     | 50     | 1.096     | -0.056    | 3.501 | 0.016     | 0.013     | 0         | 55   | 55.5 | 58   | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 9    | 50     | 50     | 1.119     | 0         | 3.501 | 0.016     | 0.013     | 0         | 55   | 55.9 | 58.5 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 10   | 0      | 50     | 1.125     | -0.043    | 3.501 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 59.8 | 158        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 28  | 10   | 10     | 50     | 1.122     | -0.036    | 3.501 | 0.01      | 0.007     | 0         | 55   | 55.5 | 58   | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 10   | 20     | 50     | 1.119     | -0.049    | 3.501 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 58.9 | 158        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 28  | 10   | 30     | 50     | 1.115     | -0.033    | 3.501 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 58.9 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 10   | 40     | 50     | 1.119     | -0.026    | 3.501 | 0.016     | 0.013     | 0         | 54.6 | 55   | 59.8 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 10   | 50     | 50     | 1.122     | -0.072    | 3.504 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 58.9 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 28  | 11   | 0      | 50     | 1.129     | -0.043    | 3.504 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 58.5 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 11   | 10     | 50     | 1.096     | -0.062    | 3.504 | 0.013     | 0.01      | 0         | 54.2 | 55   | 59.3 | 157        | 159        | 0          | 31     | 31     |
| 2009 | 6     | 28  | 11   | 20     | 50     | 1.129     | -0.01     | 3.504 | 0.01      | 0.007     | 0         | 54.6 | 55   | 58.5 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 11   | 30     | 50     | 1.129     | -0.062    | 3.504 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 59.8 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 11   | 40     | 50     | 1.145     | -0.052    | 3.507 | 0.016     | 0.013     | 0         | 54.2 | 55.5 | 57.2 | 157        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 28  | 11   | 50     | 50     | 1.112     | -0.03     | 3.507 | 0.016     | 0.013     | 0         | 54.6 | 55   | 58.9 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 12   | 0      | 50     | 1.125     | -0.03     | 3.507 | 0.013     | 0.01      | 0         | 54.6 | 55   | 57.6 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 12   | 10     | 50     | 1.083     | -0.036    | 3.507 | 0.01      | 0.007     | 0         | 54.6 | 55   | 58.9 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 12   | 20     | 50     | 1.112     | -0.013    | 3.507 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 58.9 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 12   | 30     | 50     | 1.129     | 0.003     | 3.507 | 0.016     | 0.013     | 0         | 54.6 | 55   | 57.2 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 12   | 40     | 50     | 1.115     | -0.013    | 3.507 | 0.013     | 0.01      | 0         | 54.6 | 55   | 59.3 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 12   | 50     | 50     | 1.115     | -0.007    | 3.507 | 0.013     | 0.01      | 0         | 54.6 | 55   | 58.9 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 13   | 0      | 50     | 1.109     | -0.062    | 3.507 | 0.016     | 0.013     | 0         | 54.6 | 55   | 57.6 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 13   | 10     | 50     | 1.138     | -0.033    | 3.51  | 0.013     | 0.01      | 0         | 54.6 | 55   | 58.5 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 13   | 20     | 50     | 1.122     | -0.023    | 3.51  | 0.01      | 0.007     | 0         | 54.6 | 55   | 59.3 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 13   | 30     | 50     | 1.145     | -0.023    | 3.51  | 0.013     | 0.01      | 0         | 54.2 | 55   | 59.3 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 13   | 40     | 50     | 1.119     | -0.059    | 3.51  | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 57.2 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 13   | 50     | 50     | 1.158     | 0.003     | 3.51  | 0.01      | 0.007     | 0         | 54.6 | 55   | 58.9 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 14   | 0      | 50     | 1.109     | -0.069    | 3.51  | 0.013     | 0.01      | 0         | 54.6 | 55   | 58.9 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 14   | 10     | 50     | 1.152     | 0.003     | 3.51  | 0.016     | 0.013     | 0         | 54.6 | 55   | 57.6 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 14   | 20     | 50     | 1.135     | -0.03     | 3.514 | 0.016     | 0.016     | 0         | 55   | 55.5 | 59.3 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 14   | 30     | 50     | 1.148     | -0.003    | 3.514 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 59.8 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 14   | 40     | 50     | 1.132     | -0.03     | 3.514 | 0.016     | 0.013     | 0         | 55   | 55.5 | 58.9 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 14   | 50     | 50     | 1.142     | -0.026    | 3.514 | 0.01      | 0.007     | 0         | 54.6 | 54.6 | 58.9 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 15   | 0      | 50     | 1.125     | -0.036    | 3.514 | 0.013     | 0.01      | 0         | 54.2 | 55   | 59.3 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 15   | 10     | 50     | 1.165     | -0.003    | 3.514 | 0.016     | 0.016     | 0         | 54.6 | 55   | 57.2 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 15   | 20     | 50     | 1.152     | -0.075    | 3.514 | 0.01      | 0.007     | 0         | 54.6 | 55   | 57.6 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 15   | 30     | 50     | 1.106     | -0.02     | 3.514 | 0.013     | 0.01      | 0         | 54.6 | 55   | 57.2 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 15   | 40     | 50     | 1.096     | -0.056    | 3.514 | 0.016     | 0.013     | 0         | 54.2 | 55   | 59.3 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 15   | 50     | 50     | 1.135     | -0.013    | 3.514 | 0.016     | 0.013     | 0         | 54.2 | 55   | 58   | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 16   | 0      | 50     | 1.096     | -0.007    | 3.514 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 58.9 | 156        | 157        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 28  | 16   | 10     | 50     | 1.129     | -0.049    | 3.514 | 0.016     | 0.013     | 0         | 54.6 | 55   | 57.2 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 16   | 20     | 50     | 1.125     | -0.016    | 3.517 | 0.013     | 0.01      | 0         | 54.6 | 55   | 57.6 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 16   | 30     | 50     | 1.138     | 0.003     | 3.517 | 0.016     | 0.016     | 0         | 54.6 | 54.6 | 56.8 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 16   | 40     | 50     | 1.129     | -0.03     | 3.517 | 0.013     | 0.01      | 0         | 54.6 | 55   | 57.6 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 16   | 50     | 50     | 1.138     | 0.01      | 3.52  | 0.016     | 0.013     | 0         | 54.2 | 55   | 58   | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 17   | 0      | 50     | 1.135     | -0.013    | 3.52  | 0.016     | 0.013     | 0         | 54.6 | 55   | 57.6 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 17   | 10     | 50     | 1.125     | -0.066    | 3.524 | 0.013     | 0.01      | 0         | 54.6 | 55   | 58.9 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 17   | 20     | 50     | 1.125     | -0.026    | 3.52  | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 57.2 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 17   | 30     | 50     | 1.099     | -0.036    | 3.524 | 0.013     | 0.01      | 0         | 54.2 | 55   | 58   | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 17   | 40     | 50     | 1.125     | -0.046    | 3.524 | 0.013     | 0.01      | 0         | 53.8 | 55   | 57.2 | 156        | 158        | 0          | 31     | 30     |
| 2009 | 6     | 28  | 17   | 50     | 50     | 1.138     | -0.03     | 3.527 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 58.5 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 18   | 0      | 50     | 1.112     | -0.033    | 3.527 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 58.5 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 18   | 10     | 50     | 1.135     | -0.079    | 3.53  | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 58.5 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 18   | 20     | 50     | 1.129     | -0.007    | 3.527 | 0.016     | 0.013     | 0         | 54.2 | 55   | 58.9 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 18   | 30     | 50     | 1.135     | -0.016    | 3.53  | 0.01      | 0.007     | 0         | 54.2 | 55   | 58.5 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 18   | 40     | 50     | 1.106     | -0.03     | 3.527 | 0.013     | 0.01      | 0         | 57.2 | 58   | 50.3 | 163        | 165        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 18   | 50     | 50     | 1.112     | -0.039    | 3.53  | 0.016     | 0.013     | 0         | 54.2 | 55   | 58.5 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 19   | 0      | 50     | 1.125     | -0.01     | 3.533 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 60.2 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 19   | 10     | 50     | 1.122     | -0.016    | 3.533 | 0.01      | 0.007     | 0         | 54.2 | 55   | 61.1 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 19   | 20     | 50     | 1.112     | -0.03     | 3.533 | 0.01      | 0.007     | 0         | 54.2 | 55.5 | 60.6 | 156        | 158        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 19   | 30     | 50     | 1.122     | -0.023    | 3.533 | 0.01      | 0.007     | 0         | 55   | 55   | 59.3 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 19   | 40     | 50     | 1.142     | 0.01      | 3.533 | 0.013     | 0.01      | 0         | 54.6 | 55   | 58.9 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 19   | 50     | 50     | 1.138     | -0.026    | 3.533 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 60.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 20   | 0      | 50     | 1.138     | -0.016    | 3.533 | 0.013     | 0.01      | 0         | 54.6 | 55   | 60.6 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 20   | 10     | 50     | 1.135     | -0.052    | 3.537 | 0.01      | 0.007     | 0         | 54.6 | 55   | 61.1 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 20   | 20     | 50     | 1.135     | -0.026    | 3.537 | 0.016     | 0.016     | 0         | 54.6 | 55.5 | 60.2 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 20   | 30     | 50     | 1.132     | -0.043    | 3.537 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 60.2 | 157        | 159        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 20   | 40     | 50     | 1.132     | -0.02     | 3.537 | 0.013     | 0.01      | 0         | 55   | 55   | 61.1 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 20   | 50     | 50     | 1.119     | -0.02     | 3.537 | 0.016     | 0.013     | 0         | 55.5 | 55   | 61.5 | 158        | 159        | 0          | 29     | 31     |
| 2009 | 6     | 28  | 21   | 0      | 50     | 1.109     | -0.046    | 3.537 | 0.016     | 0.013     | 0         | 55   | 55.5 | 60.6 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 21   | 10     | 50     | 1.112     | -0.046    | 3.537 | 0.013     | 0.01      | 0         | 55   | 55.5 | 61.1 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 21   | 20     | 50     | 1.122     | -0.039    | 3.537 | 0.013     | 0.01      | 0         | 55   | 55.5 | 61.1 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 21   | 30     | 50     | 1.106     | -0.043    | 3.537 | 0.013     | 0.01      | 0         | 55   | 55.5 | 59.8 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 21   | 40     | 50     | 1.142     | -0.046    | 3.54  | 0.01      | 0.007     | 0         | 55   | 55.5 | 61.5 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 21   | 50     | 50     | 1.125     | -0.036    | 3.54  | 0.013     | 0.01      | 0         | 55   | 55.5 | 59.3 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 22   | 0      | 50     | 1.135     | -0.052    | 3.54  | 0.016     | 0.013     | 0         | 55   | 55.5 | 61.1 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 22   | 10     | 50     | 1.171     | -0.016    | 3.54  | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 59.3 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 22   | 20     | 50     | 1.168     | -0.036    | 3.54  | 0.013     | 0.01      | 0         | 54.6 | 55   | 61.1 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 22   | 30     | 50     | 1.109     | -0.036    | 3.54  | 0.016     | 0.013     | 0         | 55   | 55.5 | 60.6 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 22   | 40     | 50     | 1.158     | -0.026    | 3.54  | 0.013     | 0.01      | 0         | 55   | 55.5 | 58.5 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 22   | 50     | 50     | 1.132     | -0.043    | 3.54  | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 60.6 | 157        | 159        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 23   | 0      | 50     | 1.152     | -0.03     | 3.54  | 0.013     | 0.01      | 0         | 55   | 55.5 | 60.2 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 23   | 10     | 50     | 1.171     | -0.039    | 3.54  | 0.013     | 0.01      | 0         | 54.6 | 55   | 59.3 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 28  | 23   | 20     | 50     | 1.158     | -0.03     | 3.543 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 59.8 | 158        | 160        | 0          | 29     | 30     |
| 2009 | 6     | 28  | 23   | 30     | 50     | 1.125     | 0         | 3.54  | 0.013     | 0.01      | 0         | 55   | 55.5 | 59.3 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 23   | 40     | 50     | 1.125     | -0.046    | 3.543 | 0.01      | 0.007     | 0         | 55   | 55.5 | 59.8 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 28  | 23   | 50     | 50     | 1.112     | -0.072    | 3.543 | 0.016     | 0.013     | 0         | 55   | 55   | 58.9 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 29  | 0    | 0      | 50     | 1.132     | -0.02     | 3.543 | 0.01      | 0.007     | 0         | 55   | 55.9 | 58.5 | 158        | 160        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 29  | 0    | 10     | 50     | 1.122     | -0.026    | 3.543 | 0.013     | 0.01      | 0         | 55   | 55.9 | 59.8 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 0    | 20     | 50     | 1.129     | 0.007     | 3.543 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 58.5 | 158        | 160        | 0          | 29     | 30     |
| 2009 | 6     | 29  | 0    | 30     | 50     | 1.175     | -0.03     | 3.543 | 0.016     | 0.013     | 0         | 55   | 55.9 | 58.5 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 0    | 40     | 50     | 1.106     | -0.023    | 3.543 | 0.01      | 0.007     | 0         | 55   | 55.5 | 58.9 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 29  | 0    | 50     | 50     | 1.119     | -0.023    | 3.547 | 0.02      | 0.016     | 0         | 55   | 55.5 | 57.2 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 29  | 1    | 0      | 50     | 1.158     | -0.02     | 3.547 | 0.01      | 0.007     | 0         | 55   | 55.9 | 58   | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 1    | 10     | 50     | 1.142     | -0.026    | 3.547 | 0.016     | 0.013     | 0         | 55   | 55.9 | 57.6 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 1    | 20     | 50     | 1.175     | 0         | 3.547 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 57.2 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 1    | 30     | 50     | 1.109     | -0.043    | 3.55  | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 57.2 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 1    | 40     | 50     | 1.145     | -0.056    | 3.55  | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 56.8 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 1    | 50     | 50     | 1.145     | -0.026    | 3.55  | 0.016     | 0.013     | 0         | 55   | 55.9 | 56.8 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 2    | 0      | 50     | 1.161     | -0.026    | 3.553 | 0.013     | 0.01      | 0         | 55   | 55.9 | 56.8 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 2    | 10     | 50     | 1.145     | -0.03     | 3.556 | 0.01      | 0.007     | 0         | 55   | 55.9 | 56.8 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 2    | 20     | 50     | 1.165     | -0.056    | 3.556 | 0.016     | 0.013     | 0         | 55   | 55.9 | 55.9 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 2    | 30     | 50     | 1.129     | -0.03     | 3.556 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 55.9 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 2    | 40     | 50     | 1.178     | -0.01     | 3.56  | 0.013     | 0.01      | 0         | 55   | 55.9 | 56.8 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 2    | 50     | 50     | 1.132     | -0.007    | 3.56  | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 57.2 | 158        | 160        | 0          | 29     | 30     |
| 2009 | 6     | 29  | 3    | 0      | 50     | 1.152     | -0.03     | 3.56  | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 56.8 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 3    | 10     | 50     | 1.178     | -0.043    | 3.563 | 0.016     | 0.016     | 0         | 55   | 56.3 | 58.5 | 159        | 161        | 0          | 31     | 30     |
| 2009 | 6     | 29  | 3    | 20     | 50     | 1.161     | -0.046    | 3.563 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 56.8 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 29  | 3    | 30     | 50     | 1.142     | -0.016    | 3.566 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 56.8 | 159        | 161        | 0          | 29     | 31     |
| 2009 | 6     | 29  | 3    | 40     | 50     | 1.125     | -0.007    | 3.566 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 56.3 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 29  | 3    | 50     | 50     | 1.135     | -0.02     | 3.566 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 58.9 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 4    | 0      | 50     | 1.158     | -0.016    | 3.566 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 58.5 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 4    | 10     | 50     | 1.158     | -0.059    | 3.566 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 59.8 | 159        | 161        | 0          | 29     | 31     |
| 2009 | 6     | 29  | 4    | 20     | 50     | 1.135     | -0.026    | 3.57  | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 58.9 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 4    | 30     | 50     | 1.175     | 0         | 3.57  | 0.016     | 0.016     | 0         | 55   | 55.9 | 58.9 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 4    | 40     | 50     | 1.142     | -0.007    | 3.57  | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 59.3 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 4    | 50     | 50     | 1.148     | -0.033    | 3.57  | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 59.8 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 5    | 0      | 50     | 1.178     | -0.056    | 3.57  | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 58.5 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 5    | 10     | 50     | 1.155     | -0.052    | 3.57  | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 58.9 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 29  | 5    | 20     | 50     | 1.184     | -0.026    | 3.57  | 0.01      | 0.007     | 0         | 55   | 55.9 | 61.1 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 29  | 5    | 30     | 50     | 1.155     | -0.02     | 3.57  | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 59.8 | 160        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 5    | 40     | 50     | 1.178     | -0.03     | 3.57  | 0.01      | 0.007     | 0         | 56.3 | 56.8 | 59.3 | 161        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 5    | 50     | 50     | 1.125     | -0.007    | 3.57  | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 58.5 | 160        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 6    | 0      | 50     | 1.168     | -0.049    | 3.57  | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 58   | 160        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 6    | 10     | 50     | 1.125     | -0.066    | 3.573 | 0.01      | 0.007     | 0         | 55.9 | 56.8 | 59.8 | 160        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 6    | 20     | 50     | 1.191     | -0.039    | 3.573 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 58.9 | 160        | 162        | 0          | 31     | 31     |
| 2009 | 6     | 29  | 6    | 30     | 50     | 1.178     | -0.043    | 3.573 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 58   | 160        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 6    | 40     | 50     | 1.168     | -0.026    | 3.573 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 58   | 160        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 6    | 50     | 50     | 1.161     | -0.052    | 3.573 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 58.9 | 160        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 7    | 0      | 50     | 1.161     | -0.056    | 3.573 | 0.013     | 0.01      | 0         | 56.3 | 56.3 | 58   | 160        | 162        | 0          | 29     | 31     |
| 2009 | 6     | 29  | 7    | 10     | 50     | 1.168     | -0.033    | 3.573 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 58.5 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 7    | 20     | 50     | 1.165     | -0.03     | 3.573 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 58.5 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 7    | 30     | 50     | 1.181     | -0.043    | 3.573 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 58.5 | 160        | 161        | 0          | 31     | 30     |
| 2009 | 6     | 29  | 7    | 40     | 50     | 1.119     | -0.059    | 3.576 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 58.9 | 160        | 162        | 0          | 30     | 31     |
| 2009 | 6     | 29  | 7    | 50     | 50     | 1.122     | -0.043    | 3.576 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 58.9 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 29  | 8    | 0      | 50     | 1.132     | -0.072    | 3.576 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 57.6 | 159        | 161        | 0          | 30     | 31     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 29  | 8    | 10     | 50     | 1.155     | -0.046    | 3.576 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 58.9 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 8    | 20     | 50     | 1.168     | -0.033    | 3.576 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 58   | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 8    | 30     | 50     | 1.135     | -0.052    | 3.576 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 58.9 | 160        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 8    | 40     | 50     | 1.138     | -0.026    | 3.576 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 57.6 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 8    | 50     | 50     | 1.175     | -0.013    | 3.576 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 57.6 | 160        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 9    | 0      | 50     | 1.148     | -0.043    | 3.579 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 57.6 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 9    | 10     | 50     | 1.158     | -0.033    | 3.576 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 57.2 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 9    | 20     | 50     | 1.165     | -0.036    | 3.579 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 58.5 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 9    | 30     | 50     | 1.158     | -0.016    | 3.579 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 59.8 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 9    | 40     | 50     | 1.138     | -0.056    | 3.579 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 57.6 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 9    | 50     | 50     | 1.175     | -0.007    | 3.579 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 58   | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 29  | 10   | 0      | 50     | 1.175     | -0.033    | 3.579 | 0.01      | 0.007     | 0         | 55.5 | 55   | 57.2 | 159        | 160        | 0          | 30     | 32     |
| 2009 | 6     | 29  | 10   | 10     | 50     | 1.165     | -0.013    | 3.579 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 59.3 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 10   | 20     | 50     | 1.148     | -0.023    | 3.579 | 0.013     | 0.01      | 0         | 55   | 55.9 | 58.9 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 10   | 30     | 50     | 1.129     | -0.049    | 3.579 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 57.6 | 158        | 160        | 0          | 29     | 31     |
| 2009 | 6     | 29  | 10   | 40     | 50     | 1.168     | -0.046    | 3.579 | 0.016     | 0.013     | 0         | 55   | 55.9 | 58.5 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 10   | 50     | 50     | 1.165     | -0.023    | 3.579 | 0.013     | 0.01      | 0         | 55   | 55.9 | 58.5 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 11   | 0      | 50     | 1.155     | -0.013    | 3.579 | 0.013     | 0.01      | 0         | 55   | 55.9 | 58.9 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 11   | 10     | 50     | 1.145     | -0.043    | 3.579 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 59.3 | 158        | 159        | 0          | 31     | 30     |
| 2009 | 6     | 29  | 11   | 20     | 50     | 1.161     | -0.026    | 3.579 | 0.013     | 0.01      | 0         | 55   | 55.5 | 58.5 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 11   | 30     | 50     | 1.145     | -0.033    | 3.579 | 0.013     | 0.01      | 0         | 55   | 55.9 | 56.8 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 11   | 40     | 50     | 1.145     | -0.013    | 3.583 | 0.01      | 0.007     | 0         | 55   | 55.9 | 57.2 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 11   | 50     | 50     | 1.145     | -0.02     | 3.583 | 0.013     | 0.01      | 0         | 55   | 55.9 | 58.5 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 12   | 0      | 50     | 1.155     | 0.026     | 3.583 | 0.013     | 0.01      | 0         | 55   | 55.9 | 58   | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 12   | 10     | 50     | 1.178     | -0.003    | 3.579 | 0.013     | 0.01      | 0         | 55   | 55.9 | 57.6 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 12   | 20     | 50     | 1.175     | -0.036    | 3.583 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 58.5 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 12   | 30     | 50     | 1.171     | -0.026    | 3.583 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 59.8 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 12   | 40     | 50     | 1.211     | -0.013    | 3.583 | 0.016     | 0.016     | 0         | 55   | 55   | 59.8 | 157        | 158        | 0          | 29     | 30     |
| 2009 | 6     | 29  | 12   | 50     | 50     | 1.138     | -0.059    | 3.583 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 58   | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 13   | 0      | 50     | 1.178     | -0.023    | 3.583 | 0.016     | 0.013     | 0         | 54.6 | 55   | 60.6 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 13   | 10     | 50     | 1.168     | -0.056    | 3.583 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 58.9 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 13   | 20     | 50     | 1.155     | -0.026    | 3.583 | 0.013     | 0.01      | 0         | 55   | 55.5 | 58.9 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 13   | 30     | 50     | 1.158     | -0.033    | 3.583 | 0.01      | 0.007     | 0         | 55   | 55.5 | 58.9 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 13   | 40     | 50     | 1.125     | -0.033    | 3.583 | 0.013     | 0.01      | 0         | 55   | 55.5 | 59.3 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 13   | 50     | 50     | 1.178     | 0         | 3.583 | 0.013     | 0.01      | 0         | 55   | 55.5 | 61.1 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 14   | 0      | 50     | 1.148     | -0.026    | 3.583 | 0.01      | 0.007     | 0         | 55   | 55.5 | 60.2 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 14   | 10     | 50     | 1.165     | -0.02     | 3.583 | 0.016     | 0.013     | 0         | 55   | 55.5 | 59.3 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 14   | 20     | 50     | 1.148     | -0.046    | 3.583 | 0.016     | 0.013     | 0         | 55   | 55.5 | 60.2 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 14   | 30     | 50     | 1.175     | -0.01     | 3.583 | 0.016     | 0.013     | 0         | 54.6 | 55   | 59.3 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 29  | 14   | 40     | 50     | 1.152     | 0         | 3.583 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 59.3 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 14   | 50     | 50     | 1.168     | -0.039    | 3.583 | 0.01      | 0.007     | 0         | 55   | 55.5 | 60.6 | 157        | 159        | 0          | 29     | 30     |
| 2009 | 6     | 29  | 15   | 0      | 50     | 1.168     | -0.056    | 3.583 | 0.013     | 0.01      | 0         | 55   | 55   | 60.6 | 157        | 158        | 0          | 29     | 30     |
| 2009 | 6     | 29  | 15   | 10     | 50     | 1.152     | -0.007    | 3.583 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 58   | 157        | 158        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 15   | 20     | 50     | 1.145     | -0.013    | 3.583 | 0.013     | 0.01      | 0         | 54.6 | 54.6 | 59.3 | 157        | 158        | 0          | 30     | 31     |
| 2009 | 6     | 29  | 15   | 30     | 50     | 1.155     | -0.01     | 3.583 | 0.01      | 0.007     | 0         | 54.2 | 55   | 60.6 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 15   | 40     | 50     | 1.175     | -0.013    | 3.583 | 0.013     | 0.01      | 0         | 54.6 | 55   | 58   | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 15   | 50     | 50     | 1.138     | -0.03     | 3.583 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 61.1 | 157        | 158        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 16   | 0      | 50     | 1.158     | -0.062    | 3.583 | 0.013     | 0.01      | 0         | 54.6 | 55   | 59.8 | 157        | 158        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 29  | 16   | 10     | 50     | 1.175     | -0.013    | 3.583 | 0.016     | 0.013     | 0         | 54.6 | 55   | 60.6 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 29  | 16   | 20     | 50     | 1.155     | -0.046    | 3.583 | 0.013     | 0.01      | 0         | 54.6 | 55   | 59.3 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 16   | 30     | 50     | 1.152     | -0.033    | 3.583 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 61.1 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 16   | 40     | 50     | 1.168     | -0.026    | 3.583 | 0.01      | 0.007     | 0         | 54.6 | 55   | 59.3 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 16   | 50     | 50     | 1.168     | -0.033    | 3.583 | 0.02      | 0.016     | 0         | 54.6 | 55   | 59.8 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 29  | 17   | 0      | 50     | 1.142     | -0.043    | 3.583 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 58.9 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 17   | 10     | 50     | 1.171     | -0.082    | 3.583 | 0.016     | 0.013     | 0         | 54.6 | 55   | 60.2 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 29  | 17   | 20     | 50     | 1.165     | -0.03     | 3.583 | 0.016     | 0.013     | 0         | 55   | 55.5 | 59.8 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 17   | 30     | 50     | 1.165     | -0.026    | 3.583 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 60.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 17   | 40     | 50     | 1.181     | -0.036    | 3.583 | 0.016     | 0.013     | 0         | 54.6 | 55   | 60.6 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 17   | 50     | 50     | 1.171     | 0         | 3.583 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 59.8 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 18   | 0      | 50     | 1.135     | -0.039    | 3.586 | 0.02      | 0.016     | 0         | 54.6 | 55.5 | 59.3 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 18   | 10     | 50     | 1.168     | -0.043    | 3.586 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 59.8 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 18   | 20     | 50     | 1.152     | -0.023    | 3.583 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 59.3 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 18   | 30     | 50     | 1.155     | -0.013    | 3.586 | 0.013     | 0.01      | 0         | 55   | 55.9 | 59.3 | 157        | 159        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 18   | 40     | 50     | 1.168     | -0.033    | 3.586 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 58.9 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 18   | 50     | 50     | 1.132     | -0.01     | 3.586 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 60.2 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 19   | 0      | 50     | 1.204     | -0.007    | 3.586 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 60.2 | 157        | 159        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 19   | 10     | 50     | 1.152     | -0.023    | 3.586 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 60.6 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 19   | 20     | 50     | 1.171     | -0.023    | 3.586 | 0.01      | 0.007     | 0         | 55.5 | 55.5 | 59.3 | 158        | 159        | 0          | 29     | 30     |
| 2009 | 6     | 29  | 19   | 30     | 50     | 1.148     | -0.046    | 3.586 | 0.013     | 0.01      | 0         | 54.6 | 55.9 | 59.8 | 157        | 159        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 19   | 40     | 50     | 1.168     | -0.062    | 3.586 | 0.01      | 0.007     | 0         | 55   | 55   | 58.9 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 29  | 19   | 50     | 50     | 1.138     | -0.016    | 3.586 | 0.013     | 0.01      | 0         | 55   | 55.5 | 58   | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 20   | 0      | 50     | 1.152     | -0.036    | 3.586 | 0.01      | 0.007     | 0         | 55.5 | 55.5 | 58   | 158        | 159        | 0          | 29     | 30     |
| 2009 | 6     | 29  | 20   | 10     | 50     | 1.158     | -0.003    | 3.586 | 0.016     | 0.013     | 0         | 55   | 55.9 | 59.3 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 20   | 20     | 50     | 1.148     | -0.02     | 3.586 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 58   | 159        | 160        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 20   | 30     | 50     | 1.135     | -0.056    | 3.586 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 58.5 | 159        | 160        | 0          | 29     | 30     |
| 2009 | 6     | 29  | 20   | 40     | 50     | 1.155     | -0.033    | 3.586 | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 58.5 | 161        | 162        | 0          | 30     | 31     |
| 2009 | 6     | 29  | 20   | 50     | 50     | 1.198     | -0.033    | 3.586 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 58.9 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 29  | 21   | 0      | 50     | 1.171     | -0.016    | 3.586 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 58   | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 21   | 10     | 50     | 1.171     | -0.039    | 3.586 | 0.01      | 0.007     | 0         | 55   | 55.9 | 57.2 | 159        | 160        | 0          | 31     | 30     |
| 2009 | 6     | 29  | 21   | 20     | 50     | 1.155     | -0.026    | 3.589 | 0.016     | 0.013     | 0         | 55   | 55.5 | 57.6 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 29  | 21   | 30     | 50     | 1.155     | -0.007    | 3.586 | 0.013     | 0.01      | 0         | 55   | 55.9 | 58.5 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 21   | 40     | 50     | 1.142     | -0.003    | 3.586 | 0.01      | 0.007     | 0         | 55   | 55.9 | 58   | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 21   | 50     | 50     | 1.194     | -0.036    | 3.586 | 0.013     | 0.01      | 0         | 55   | 55.9 | 57.2 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 22   | 0      | 50     | 1.178     | -0.033    | 3.589 | 0.013     | 0.01      | 0         | 55   | 55.9 | 57.6 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 22   | 10     | 50     | 1.181     | -0.02     | 3.589 | 0.013     | 0.01      | 0         | 55   | 55.9 | 57.6 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 22   | 20     | 50     | 1.138     | -0.036    | 3.589 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 57.6 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 22   | 30     | 50     | 1.211     | -0.007    | 3.589 | 0.013     | 0.01      | 0         | 55   | 55.9 | 58   | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 22   | 40     | 50     | 1.158     | -0.026    | 3.589 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 56.8 | 158        | 160        | 0          | 29     | 30     |
| 2009 | 6     | 29  | 22   | 50     | 50     | 1.171     | -0.026    | 3.589 | 0.01      | 0.007     | 0         | 55   | 55.9 | 57.6 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 23   | 0      | 50     | 1.152     | -0.016    | 3.589 | 0.016     | 0.013     | 0         | 55.9 | 56.3 | 58.5 | 159        | 160        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 23   | 10     | 50     | 1.135     | -0.03     | 3.589 | 0.013     | 0.01      | 0         | 55   | 55.9 | 57.2 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 23   | 20     | 50     | 1.175     | -0.013    | 3.589 | 0.016     | 0.013     | 0         | 55.9 | 55.5 | 56.8 | 159        | 160        | 0          | 29     | 31     |
| 2009 | 6     | 29  | 23   | 30     | 50     | 1.181     | -0.026    | 3.589 | 0.02      | 0.016     | 0         | 55   | 55.9 | 56.3 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 23   | 40     | 50     | 1.145     | -0.023    | 3.593 | 0.016     | 0.016     | 0         | 55.5 | 55.9 | 56.8 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 29  | 23   | 50     | 50     | 1.168     | -0.023    | 3.593 | 0.01      | 0.007     | 0         | 55   | 55.9 | 55.5 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 0    | 0      | 50     | 1.125     | -0.03     | 3.593 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 56.8 | 159        | 160        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 30  | 0    | 10     | 50     | 1.194     | -0.016    | 3.593 | 0.016     | 0.013     | 0         | 55   | 55.9 | 55.9 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 0    | 20     | 50     | 1.165     | -0.059    | 3.596 | 0.01      | 0.007     | 0         | 55   | 55.9 | 55   | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 0    | 30     | 50     | 1.161     | -0.082    | 3.596 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 55.9 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 0    | 40     | 50     | 1.161     | -0.069    | 3.599 | 0.016     | 0.013     | 0         | 55   | 55.9 | 56.8 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 0    | 50     | 50     | 1.191     | -0.039    | 3.599 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 57.2 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 1    | 0      | 50     | 1.188     | -0.039    | 3.602 | 0.016     | 0.016     | 0         | 55   | 55.9 | 56.3 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 1    | 10     | 50     | 1.181     | -0.023    | 3.602 | 0.016     | 0.013     | 0         | 55   | 55.9 | 56.3 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 1    | 20     | 50     | 1.171     | -0.007    | 3.602 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 57.2 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 1    | 30     | 50     | 1.194     | -0.052    | 3.606 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 57.2 | 159        | 160        | 0          | 29     | 30     |
| 2009 | 6     | 30  | 1    | 40     | 50     | 1.148     | -0.046    | 3.606 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 55.9 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 1    | 50     | 50     | 1.171     | -0.043    | 3.606 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 58.5 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 2    | 0      | 50     | 1.158     | -0.02     | 3.606 | 0.016     | 0.013     | 0         | 55   | 55.5 | 56.3 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 30  | 2    | 10     | 50     | 1.145     | -0.016    | 3.609 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 58.5 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 2    | 20     | 50     | 1.191     | -0.052    | 3.609 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 58   | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 2    | 30     | 50     | 1.135     | -0.036    | 3.609 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 58.5 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 2    | 40     | 50     | 1.191     | -0.02     | 3.609 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 58.5 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 2    | 50     | 50     | 1.165     | -0.039    | 3.609 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 58   | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 30  | 3    | 0      | 50     | 1.168     | -0.059    | 3.609 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 57.2 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 30  | 3    | 10     | 50     | 1.161     | -0.02     | 3.609 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 58.5 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 3    | 20     | 50     | 1.171     | -0.039    | 3.609 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 58   | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 3    | 30     | 50     | 1.155     | -0.049    | 3.609 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 58.9 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 3    | 40     | 50     | 1.188     | -0.013    | 3.612 | 0.016     | 0.013     | 0         | 56.3 | 56.3 | 59.3 | 160        | 161        | 0          | 29     | 30     |
| 2009 | 6     | 30  | 3    | 50     | 50     | 1.171     | -0.043    | 3.612 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 59.3 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 4    | 0      | 50     | 1.188     | -0.036    | 3.612 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 58.9 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 4    | 10     | 50     | 1.155     | -0.056    | 3.612 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 59.3 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 4    | 20     | 50     | 1.161     | -0.03     | 3.612 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 59.8 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 4    | 30     | 50     | 1.145     | -0.043    | 3.612 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 58.9 | 159        | 160        | 0          | 29     | 30     |
| 2009 | 6     | 30  | 4    | 40     | 50     | 1.155     | -0.033    | 3.612 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 59.8 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 4    | 50     | 50     | 1.158     | -0.023    | 3.612 | 0.016     | 0.013     | 0         | 55.5 | 56.8 | 59.3 | 159        | 161        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 5    | 0      | 50     | 1.155     | -0.03     | 3.612 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 59.8 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 5    | 10     | 50     | 1.181     | -0.043    | 3.612 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 58.5 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 5    | 20     | 50     | 1.204     | -0.01     | 3.612 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 58.9 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 5    | 30     | 50     | 1.175     | -0.023    | 3.615 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 58.9 | 160        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 5    | 40     | 50     | 1.155     | -0.072    | 3.615 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 59.3 | 160        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 30  | 5    | 50     | 50     | 1.158     | -0.016    | 3.615 | 0.01      | 0.007     | 0         | 55.9 | 56.3 | 57.2 | 160        | 162        | 0          | 30     | 31     |
| 2009 | 6     | 30  | 6    | 0      | 50     | 1.152     | -0.043    | 3.615 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 59.3 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 6    | 10     | 50     | 1.201     | -0.026    | 3.615 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 59.3 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 30  | 6    | 20     | 50     | 1.184     | -0.026    | 3.615 | 0.016     | 0.013     | 0         | 55.9 | 56.8 | 58.5 | 160        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 6    | 30     | 50     | 1.171     | -0.033    | 3.615 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 57.6 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 6    | 40     | 50     | 1.161     | -0.059    | 3.615 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 58.5 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 6    | 50     | 50     | 1.181     | -0.033    | 3.615 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 58   | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 30  | 7    | 0      | 50     | 1.158     | -0.043    | 3.615 | 0.013     | 0.01      | 0         | 55.9 | 56.8 | 60.2 | 160        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 7    | 10     | 50     | 1.181     | -0.043    | 3.615 | 0.01      | 0.007     | 0         | 55   | 55.9 | 58.9 | 159        | 161        | 0          | 31     | 31     |
| 2009 | 6     | 30  | 7    | 20     | 50     | 1.161     | -0.046    | 3.615 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 58.5 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 7    | 30     | 50     | 1.191     | -0.026    | 3.615 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 58   | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 7    | 40     | 50     | 1.188     | -0.026    | 3.615 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 59.3 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 7    | 50     | 50     | 1.184     | -0.02     | 3.615 | 0.01      | 0.007     | 0         | 55   | 56.3 | 58.5 | 159        | 161        | 0          | 31     | 30     |
| 2009 | 6     | 30  | 8    | 0      | 50     | 1.165     | -0.066    | 3.619 | 0.01      | 0.007     | 0         | 55   | 55.9 | 59.8 | 158        | 160        | 0          | 30     | 30     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 30  | 8    | 10     | 50     | 1.171     | -0.033    | 3.619 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 58.5 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 30  | 8    | 20     | 50     | 1.155     | 0         | 3.619 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 57.6 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 30  | 8    | 30     | 50     | 1.178     | -0.043    | 3.619 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 58   | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 8    | 40     | 50     | 1.181     | -0.03     | 3.619 | 0.013     | 0.01      | 0         | 55   | 55.9 | 59.8 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 8    | 50     | 50     | 1.201     | -0.016    | 3.619 | 0.01      | 0.007     | 0         | 55   | 55.9 | 57.6 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 9    | 0      | 50     | 1.175     | 0.016     | 3.619 | 0.016     | 0.016     | 0         | 55   | 55.5 | 59.3 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 30  | 9    | 10     | 50     | 1.155     | -0.013    | 3.619 | 0.013     | 0.01      | 0         | 55   | 55.9 | 58   | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 9    | 20     | 50     | 1.181     | -0.023    | 3.619 | 0.013     | 0.01      | 0         | 55   | 55.5 | 57.6 | 158        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 30  | 9    | 30     | 50     | 1.165     | -0.023    | 3.619 | 0.013     | 0.01      | 0         | 55   | 55.9 | 58.5 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 9    | 40     | 50     | 1.175     | 0         | 3.622 | 0.016     | 0.013     | 0         | 55   | 55   | 57.6 | 158        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 30  | 9    | 50     | 50     | 1.171     | -0.039    | 3.622 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 59.3 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 10   | 0      | 50     | 1.171     | -0.013    | 3.622 | 0.016     | 0.013     | 0         | 55   | 55.5 | 58.5 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 10   | 10     | 50     | 1.214     | -0.049    | 3.619 | 0.016     | 0.013     | 0         | 54.6 | 55   | 58   | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 30  | 10   | 20     | 50     | 1.165     | -0.013    | 3.622 | 0.01      | 0.007     | 0         | 55   | 55.5 | 59.3 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 10   | 30     | 50     | 1.188     | -0.046    | 3.619 | 0.016     | 0.013     | 0         | 55.5 | 55.5 | 58.9 | 158        | 159        | 0          | 29     | 30     |
| 2009 | 6     | 30  | 10   | 40     | 50     | 1.181     | -0.043    | 3.622 | 0.013     | 0.01      | 0         | 55   | 55.5 | 59.8 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 10   | 50     | 50     | 1.201     | 0.003     | 3.619 | 0.013     | 0.01      | 0         | 54.6 | 55   | 59.3 | 157        | 159        | 0          | 30     | 31     |
| 2009 | 6     | 30  | 11   | 0      | 50     | 1.175     | -0.039    | 3.619 | 0.016     | 0.013     | 0         | 55   | 55.5 | 59.3 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 11   | 10     | 50     | 1.168     | -0.036    | 3.622 | 0.016     | 0.013     | 0         | 54.6 | 55.5 | 59.8 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 11   | 20     | 50     | 1.175     | -0.026    | 3.622 | 0.01      | 0.007     | 0         | 54.6 | 55   | 59.3 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 11   | 30     | 50     | 1.201     | -0.052    | 3.622 | 0.016     | 0.013     | 0         | 54.6 | 55.9 | 59.3 | 157        | 159        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 11   | 40     | 50     | 1.165     | -0.02     | 3.622 | 0.016     | 0.013     | 0         | 55   | 55.5 | 59.3 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 11   | 50     | 50     | 1.217     | -0.03     | 3.622 | 0.013     | 0.01      | 0         | 54.6 | 55.5 | 58.9 | 157        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 12   | 0      | 50     | 1.194     | -0.049    | 3.622 | 0.01      | 0.007     | 0         | 54.6 | 55   | 59.3 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 12   | 10     | 50     | 1.211     | -0.062    | 3.622 | 0.013     | 0.01      | 0         | 54.2 | 55   | 58.9 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 12   | 20     | 50     | 1.171     | -0.033    | 3.622 | 0.013     | 0.01      | 0         | 54.6 | 55   | 60.6 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 12   | 30     | 50     | 1.168     | -0.052    | 3.622 | 0.016     | 0.013     | 0         | 54.2 | 54.2 | 58.9 | 156        | 158        | 0          | 30     | 32     |
| 2009 | 6     | 30  | 12   | 40     | 50     | 1.198     | 0.003     | 3.622 | 0.016     | 0.016     | 0         | 54.6 | 55   | 58.5 | 157        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 12   | 50     | 50     | 1.207     | -0.043    | 3.622 | 0.016     | 0.013     | 0         | 54.2 | 55   | 59.3 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 13   | 0      | 50     | 1.168     | -0.013    | 3.622 | 0.013     | 0.01      | 0         | 54.2 | 55   | 60.2 | 156        | 157        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 13   | 10     | 50     | 1.198     | 0.003     | 3.622 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 59.8 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 13   | 20     | 50     | 1.188     | -0.013    | 3.625 | 0.013     | 0.01      | 0         | 54.2 | 55   | 59.8 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 13   | 30     | 50     | 1.22      | 0         | 3.625 | 0.016     | 0.016     | 0         | 54.2 | 54.6 | 58   | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 13   | 40     | 50     | 1.188     | 0         | 3.625 | 0.01      | 0.007     | 0         | 54.6 | 55   | 58   | 156        | 157        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 13   | 50     | 50     | 1.178     | -0.013    | 3.622 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 60.6 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 14   | 0      | 50     | 1.184     | -0.03     | 3.625 | 0.01      | 0.007     | 0         | 54.2 | 54.6 | 60.6 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 14   | 10     | 50     | 1.188     | -0.016    | 3.625 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 59.8 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 14   | 20     | 50     | 1.161     | -0.023    | 3.625 | 0.013     | 0.01      | 0         | 54.2 | 53.8 | 59.3 | 155        | 156        | 0          | 29     | 31     |
| 2009 | 6     | 30  | 14   | 30     | 50     | 1.181     | -0.043    | 3.625 | 0.013     | 0.01      | 0         | 53.8 | 54.6 | 60.6 | 155        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 14   | 40     | 50     | 1.184     | 0.01      | 3.625 | 0.013     | 0.01      | 0         | 54.2 | 54.6 | 58.5 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 14   | 50     | 50     | 1.22      | -0.01     | 3.625 | 0.01      | 0.007     | 0         | 54.2 | 54.2 | 58.9 | 156        | 157        | 0          | 30     | 31     |
| 2009 | 6     | 30  | 15   | 0      | 50     | 1.191     | 0         | 3.625 | 0.016     | 0.013     | 0         | 54.2 | 54.6 | 59.3 | 156        | 157        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 15   | 10     | 50     | 1.207     | -0.03     | 3.625 | 0.01      | 0.007     | 0         | 54.2 | 55   | 60.2 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 15   | 20     | 50     | 1.204     | -0.026    | 3.625 | 0.016     | 0.013     | 0         | 54.2 | 55   | 60.6 | 156        | 158        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 15   | 30     | 50     | 1.178     | -0.033    | 3.625 | 0.016     | 0.013     | 0         | 55   | 55.5 | 60.2 | 157        | 159        | 0          | 29     | 30     |
| 2009 | 6     | 30  | 15   | 40     | 50     | 1.165     | 0.003     | 3.625 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 56.8 | 160        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 15   | 50     | 50     | 1.191     | 0         | 3.625 | 0.01      | 0.007     | 0         | 55.9 | 56.3 | 57.2 | 159        | 161        | 0          | 29     | 30     |
| 2009 | 6     | 30  | 16   | 0      | 50     | 1.161     | -0.023    | 3.625 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 59.3 | 159        | 160        | 0          | 30     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 30  | 16   | 10     | 50     | 1.181     | -0.036    | 3.625 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 60.2 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 16   | 20     | 50     | 1.191     | -0.013    | 3.625 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 59.3 | 159        | 160        | 0          | 29     | 30     |
| 2009 | 6     | 30  | 16   | 30     | 50     | 1.188     | 0.01      | 3.625 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 58.9 | 158        | 159        | 0          | 29     | 30     |
| 2009 | 6     | 30  | 16   | 40     | 50     | 1.198     | -0.036    | 3.625 | 0.016     | 0.013     | 0         | 55.5 | 55   | 58.9 | 158        | 159        | 0          | 29     | 31     |
| 2009 | 6     | 30  | 16   | 50     | 50     | 1.214     | -0.056    | 3.625 | 0.013     | 0.01      | 0         | 55   | 55.5 | 58.5 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 17   | 0      | 50     | 1.178     | -0.072    | 3.625 | 0.01      | 0.007     | 0         | 55.5 | 55.5 | 60.2 | 158        | 159        | 0          | 29     | 30     |
| 2009 | 6     | 30  | 17   | 10     | 50     | 1.148     | -0.036    | 3.625 | 0.016     | 0.013     | 0         | 55   | 55.5 | 59.8 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 17   | 20     | 50     | 1.201     | 0.007     | 3.625 | 0.013     | 0.01      | 0         | 55   | 55.9 | 58.5 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 17   | 30     | 50     | 1.161     | -0.039    | 3.625 | 0.01      | 0.007     | 0         | 55   | 55.5 | 59.8 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 17   | 40     | 50     | 1.188     | -0.026    | 3.625 | 0.013     | 0.01      | 0         | 55   | 55.5 | 58.9 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 17   | 50     | 50     | 1.188     | -0.039    | 3.625 | 0.016     | 0.013     | 0         | 55   | 55.5 | 59.8 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 18   | 0      | 50     | 1.198     | 0         | 3.625 | 0.013     | 0.01      | 0         | 55   | 55.5 | 58   | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 18   | 10     | 50     | 1.201     | 0.003     | 3.625 | 0.013     | 0.01      | 0         | 55   | 55.5 | 58.5 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 18   | 20     | 50     | 1.214     | -0.02     | 3.625 | 0.016     | 0.013     | 0         | 55.5 | 55   | 58.9 | 158        | 159        | 0          | 29     | 31     |
| 2009 | 6     | 30  | 18   | 30     | 50     | 1.201     | -0.046    | 3.625 | 0.013     | 0.01      | 0         | 55.9 | 56.3 | 59.8 | 159        | 160        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 18   | 40     | 50     | 1.204     | -0.01     | 3.625 | 0.013     | 0.01      | 0         | 55   | 55.5 | 58.5 | 158        | 159        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 18   | 50     | 50     | 1.152     | -0.026    | 3.625 | 0.013     | 0.01      | 0         | 55   | 55.9 | 58.9 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 19   | 0      | 50     | 1.224     | -0.026    | 3.625 | 0.016     | 0.013     | 0         | 55   | 55.9 | 59.8 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 19   | 10     | 50     | 1.217     | -0.013    | 3.625 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 58.9 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 19   | 20     | 50     | 1.207     | -0.003    | 3.625 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 59.3 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 19   | 30     | 50     | 1.181     | -0.026    | 3.625 | 0.013     | 0.01      | 0         | 55.9 | 55.5 | 59.3 | 159        | 160        | 0          | 29     | 31     |
| 2009 | 6     | 30  | 19   | 40     | 50     | 1.201     | -0.039    | 3.625 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 58.9 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 19   | 50     | 50     | 1.184     | -0.007    | 3.625 | 0.01      | 0.007     | 0         | 55   | 55.9 | 59.8 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 20   | 0      | 50     | 1.211     | -0.039    | 3.625 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 58   | 159        | 160        | 0          | 30     | 29     |
| 2009 | 6     | 30  | 20   | 10     | 50     | 1.158     | -0.036    | 3.625 | 0.01      | 0.007     | 0         | 55   | 55.9 | 59.3 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 20   | 20     | 50     | 1.171     | -0.026    | 3.625 | 0.013     | 0.01      | 0         | 55   | 55.9 | 59.3 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 20   | 30     | 50     | 1.191     | -0.026    | 3.629 | 0.016     | 0.013     | 0         | 55.5 | 56.3 | 57.6 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 20   | 40     | 50     | 1.227     | -0.016    | 3.625 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 58.9 | 159        | 161        | 0          | 30     | 31     |
| 2009 | 6     | 30  | 20   | 50     | 50     | 1.191     | -0.013    | 3.629 | 0.01      | 0.007     | 0         | 55.9 | 56.3 | 58   | 160        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 21   | 0      | 50     | 1.161     | -0.049    | 3.629 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 58   | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 21   | 10     | 50     | 1.201     | -0.043    | 3.629 | 0.013     | 0.01      | 0         | 55.5 | 56.3 | 57.2 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 21   | 20     | 50     | 1.207     | -0.046    | 3.629 | 0.016     | 0.013     | 0         | 55.5 | 55.9 | 57.6 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 21   | 30     | 50     | 1.184     | -0.039    | 3.629 | 0.01      | 0.007     | 0         | 55.9 | 55.9 | 56.8 | 159        | 160        | 0          | 29     | 30     |
| 2009 | 6     | 30  | 21   | 40     | 50     | 1.204     | -0.039    | 3.629 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 58   | 159        | 161        | 0          | 29     | 31     |
| 2009 | 6     | 30  | 21   | 50     | 50     | 1.214     | -0.052    | 3.629 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 56.8 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 22   | 0      | 50     | 1.152     | -0.043    | 3.629 | 0.01      | 0.007     | 0         | 55.9 | 55.9 | 57.2 | 159        | 160        | 0          | 29     | 30     |
| 2009 | 6     | 30  | 22   | 10     | 50     | 1.198     | -0.026    | 3.629 | 0.016     | 0.016     | 0         | 55.5 | 56.3 | 56.3 | 159        | 161        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 22   | 20     | 50     | 1.178     | -0.007    | 3.629 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 57.6 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 22   | 30     | 50     | 1.171     | -0.007    | 3.629 | 0.016     | 0.016     | 0         | 55.9 | 55.5 | 58   | 159        | 160        | 0          | 29     | 31     |
| 2009 | 6     | 30  | 22   | 40     | 50     | 1.158     | -0.036    | 3.629 | 0.013     | 0.01      | 0         | 55.5 | 55.5 | 56.8 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 30  | 22   | 50     | 50     | 1.194     | -0.016    | 3.632 | 0.013     | 0.01      | 0         | 55.5 | 55.9 | 56.8 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 23   | 0      | 50     | 1.175     | -0.03     | 3.632 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 55.5 | 159        | 160        | 0          | 29     | 30     |
| 2009 | 6     | 30  | 23   | 10     | 50     | 1.198     | -0.033    | 3.632 | 0.013     | 0.01      | 0         | 55   | 55.9 | 56.8 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 23   | 20     | 50     | 1.198     | -0.02     | 3.632 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 56.3 | 159        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 23   | 30     | 50     | 1.178     | -0.026    | 3.635 | 0.016     | 0.013     | 0         | 55   | 55.9 | 57.2 | 158        | 160        | 0          | 30     | 30     |
| 2009 | 6     | 30  | 23   | 40     | 50     | 1.178     | -0.039    | 3.635 | 0.01      | 0.007     | 0         | 55.5 | 55.5 | 55.9 | 159        | 160        | 0          | 30     | 31     |
| 2009 | 6     | 30  | 23   | 50     | 50     | 1.142     | -0.016    | 3.638 | 0.013     | 0.01      | 0         | 55.9 | 55.9 | 57.6 | 159        | 160        | 0          | 29     | 30     |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 1   | 0    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 0    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 0    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 0    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 0    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 0    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 1    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 1    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 1    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 1    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 1    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 1    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 2    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 2    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 2    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 2    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 2    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 2    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 3    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 3    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 3    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 3    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 3    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 3    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 4    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 4    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 4    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 4    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 4    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 4    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 5    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 5    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 5    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 5    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 5    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 5    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 6    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 6    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 6    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 6    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 6    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 6    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 7    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 7    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 7    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 7    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 7    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 7    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 1   | 8    | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 8    | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 8    | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 8    | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 8    | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 8    | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 9    | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 9    | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 9    | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 9    | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 9    | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 9    | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 10   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 10   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 10   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 10   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 10   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 10   | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 11   | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 11   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 11   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 11   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 11   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 11   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 12   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 12   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 12   | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 12   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 12   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 12   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 13   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 13   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 13   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 13   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 13   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 13   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 14   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 14   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 14   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 14   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 14   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 14   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 15   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 15   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 15   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 15   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 15   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 15   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 1   | 16   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 16   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 1   | 16   | 27     | 17     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 16   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 16   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 16   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 17   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 17   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 17   | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 17   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 17   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 17   | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 18   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 18   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 18   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 18   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 18   | 47     | 17     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 18   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 19   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 19   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 19   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 19   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 19   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 19   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 20   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 20   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 20   | 27     | 17     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 20   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 20   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 20   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 21   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 21   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 21   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 21   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 21   | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 21   | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 22   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 22   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 22   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 22   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 22   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 22   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 23   | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 23   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 23   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 23   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 23   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.4    |
| 2009 | 6     | 1   | 23   | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 11.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 2   | 0    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 0    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 0    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 0    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 0    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 0    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 1    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 1    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 1    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 1    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 1    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 1    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 2    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 2    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 2    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 2    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 2    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 2    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 3    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 3    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 3    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 3    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 3    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 3    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 4    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 4    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 4    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 4    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 4    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 4    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 5    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 5    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 5    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 5    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 5    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 5    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 6    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 6    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 6    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 6    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 6    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 6    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 7    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 7    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 7    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 7    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 7    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 7    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 2   | 8    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.2    |
| 2009 | 6     | 2   | 8    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 8    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 8    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 8    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 8    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 9    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 9    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 9    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 9    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 9    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 9    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 10   | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 10   | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 10   | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 10   | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 10   | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 10   | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 11   | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 11   | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 11   | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 11   | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 11   | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 11   | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 12   | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 12   | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 12   | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 12   | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 12   | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 12   | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 13   | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 13   | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 13   | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 13   | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 13   | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 13   | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 14   | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 14   | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 14   | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 14   | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 14   | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 14   | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 15   | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 15   | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 15   | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 15   | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 15   | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 15   | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 2   | 16   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 16   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 16   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 16   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 16   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 16   | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 17   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 2   | 17   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 17   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 17   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 17   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 17   | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 18   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 18   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 18   | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 18   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 18   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 18   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 19   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 19   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 19   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 19   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 19   | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 19   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 20   | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 20   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 20   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 20   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 20   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 20   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 21   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 21   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 21   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 21   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 21   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 21   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 22   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 22   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 22   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 22   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 22   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 22   | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 23   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 23   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 23   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 23   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 23   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.4    |
| 2009 | 6     | 2   | 23   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11.4    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 3   | 0    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 0    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 0    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 0    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 0    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 0    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 1    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 1    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 1    | 27     | 17     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 1    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 1    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 1    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 2    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 2    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 2    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 2    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 2    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 2    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 3    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 3    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 3    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 3    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 3    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 3    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 4    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 4    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 4    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 4    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 4    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 4    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 5    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 5    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 5    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 5    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 5    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 5    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 6    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 6    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 6    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 6    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 6    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 6    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 7    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 7    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 7    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 7    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 7    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 7    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 3   | 8    | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 8    | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 8    | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 8    | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 8    | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 8    | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 9    | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 9    | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 9    | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 9    | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 9    | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 9    | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 10   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 10   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 10   | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 10   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 10   | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 10   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 11   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 11   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 11   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 11   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 11   | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 11   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 12   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 12   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 12   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 12   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 12   | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 12   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 13   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 13   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 13   | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 13   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 13   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.4    |
| 2009 | 6     | 3   | 13   | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 14   | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 14   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 14   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 14   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 14   | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 14   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 15   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 15   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 15   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 15   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.64       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 15   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 15   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 11.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 3   | 16   | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.51       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 16   | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 16   | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.4        | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 16   | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 16   | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 16   | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.2        | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 17   | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 17   | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 17   | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 17   | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.97       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 17   | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.9        | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 17   | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.88       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 18   | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 18   | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.79       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 18   | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.75       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 18   | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.74       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 18   | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.7        | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 18   | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 19   | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 19   | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.65       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 19   | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 19   | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.61       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 19   | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.59       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 19   | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.59       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 20   | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.57       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 20   | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.57       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 20   | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.56       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 20   | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.56       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 20   | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.54       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 20   | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.54       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 21   | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.54       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 21   | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.52       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 21   | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.5        | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 21   | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.47       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 21   | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.45       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 21   | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.43       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 22   | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.41       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 22   | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.38       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 22   | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.36       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 22   | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.32       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 22   | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.3        | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 22   | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.27       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 23   | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.23       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 23   | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.2        | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 23   | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.16       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 23   | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.11       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 23   | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.07       | 0        | 0              | 11.2    |
| 2009 | 6     | 3   | 23   | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.02       | 0        | 0              | 11.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 4   | 0    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.98       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 0    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.93       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 0    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 0    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.84       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 0    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.78       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 0    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.71       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 1    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.67       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 1    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.62       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 1    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.55       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 1    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.51       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 1    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.44       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 1    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.4        | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 2    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.35       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 2    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.3        | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 2    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.24       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 2    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.19       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 2    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.13       | 0        | 0              | 11      |
| 2009 | 6     | 4   | 2    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.08       | 0        | 0              | 11      |
| 2009 | 6     | 4   | 3    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.03       | 0        | 0              | 11      |
| 2009 | 6     | 4   | 3    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.97       | 0        | 0              | 11      |
| 2009 | 6     | 4   | 3    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.92       | 0        | 0              | 11      |
| 2009 | 6     | 4   | 3    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.86       | 0        | 0              | 11      |
| 2009 | 6     | 4   | 3    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.81       | 0        | 0              | 11      |
| 2009 | 6     | 4   | 3    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.76       | 0        | 0              | 11      |
| 2009 | 6     | 4   | 4    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.7        | 0        | 0              | 11      |
| 2009 | 6     | 4   | 4    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.65       | 0        | 0              | 11      |
| 2009 | 6     | 4   | 4    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.59       | 0        | 0              | 11      |
| 2009 | 6     | 4   | 4    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.54       | 0        | 0              | 11      |
| 2009 | 6     | 4   | 4    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.49       | 0        | 0              | 11      |
| 2009 | 6     | 4   | 4    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.43       | 0        | 0              | 11      |
| 2009 | 6     | 4   | 5    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.36       | 0        | 0              | 11      |
| 2009 | 6     | 4   | 5    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.32       | 0        | 0              | 11      |
| 2009 | 6     | 4   | 5    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.27       | 0        | 0              | 11      |
| 2009 | 6     | 4   | 5    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.22       | 0        | 0              | 11      |
| 2009 | 6     | 4   | 5    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.16       | 0        | 0              | 11      |
| 2009 | 6     | 4   | 5    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.11       | 0        | 0              | 11      |
| 2009 | 6     | 4   | 6    | 7      | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.07       | 0        | 0              | 11      |
| 2009 | 6     | 4   | 6    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.02       | 0        | 0              | 11      |
| 2009 | 6     | 4   | 6    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.96       | 0        | 0              | 11      |
| 2009 | 6     | 4   | 6    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.91       | 0        | 0              | 11      |
| 2009 | 6     | 4   | 6    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.87       | 0        | 0              | 11      |
| 2009 | 6     | 4   | 6    | 57     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.84       | 0        | 0              | 11      |
| 2009 | 6     | 4   | 7    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.8        | 0        | 0              | 11      |
| 2009 | 6     | 4   | 7    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.78       | 0        | 0              | 11      |
| 2009 | 6     | 4   | 7    | 27     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.77       | 0        | 0              | 11      |
| 2009 | 6     | 4   | 7    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.77       | 0        | 0              | 11      |
| 2009 | 6     | 4   | 7    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.77       | 0        | 0              | 11      |
| 2009 | 6     | 4   | 7    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.78       | 0        | 0              | 11      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 4   | 8    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.8        | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 8    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.82       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 8    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.86       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 8    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.89       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 8    | 47     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.95       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 8    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.98       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 9    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.04       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 9    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.11       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 9    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.18       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 9    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.23       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 9    | 47     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.31       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 9    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.4        | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 10   | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.49       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 10   | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.59       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 10   | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.68       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 10   | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.79       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 10   | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.9        | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 10   | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.01       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 11   | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.12       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 11   | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.22       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 11   | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.35       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 11   | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 11   | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 11   | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 12   | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 12   | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 12   | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 12   | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 12   | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 12   | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 13   | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 13   | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 13   | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 13   | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 13   | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 13   | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 14   | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 14   | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 14   | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 14   | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 14   | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 14   | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 15   | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 15   | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 15   | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 15   | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 15   | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 15   | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.4        | 0        | 0              | 11.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 4   | 16   | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 16   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 16   | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 16   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 16   | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.29       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 16   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 17   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 17   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.19       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 17   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 17   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 17   | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 17   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.97       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 18   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.92       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 18   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 18   | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.79       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 18   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.74       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 18   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 18   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 19   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.56       | 0        | 0              | 11.4    |
| 2009 | 6     | 4   | 19   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.5        | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 19   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.45       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 19   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.39       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 19   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.34       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 19   | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.3        | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 20   | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.27       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 20   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.25       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 20   | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.2        | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 20   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.18       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 20   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.16       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 20   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.12       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 21   | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.11       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 21   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.09       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 21   | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.07       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 21   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.05       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 21   | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.05       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 21   | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.03       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 22   | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.02       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 22   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61          | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 22   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.98       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 22   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.96       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 22   | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.96       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 22   | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.94       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 23   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.93       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 23   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.93       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 23   | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.91       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 23   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.91       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 23   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.91       | 0        | 0              | 11.2    |
| 2009 | 6     | 4   | 23   | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 11.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 5   | 0    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 0    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.85       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 0    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.84       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 0    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.82       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 0    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.8        | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 0    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.78       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 1    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.75       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 1    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.73       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 1    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.69       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 1    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.66       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 1    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.62       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 1    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.58       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 2    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.55       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 2    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.51       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 2    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.46       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 2    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.42       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 2    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.39       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 2    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.33       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 3    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.28       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 3    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.22       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 3    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.19       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 3    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.13       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 3    | 47     | 17     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.1        | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 3    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.06       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 4    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.03       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 4    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.99       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 4    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.95       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 4    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.92       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 4    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.88       | 0        | 0              | 11      |
| 2009 | 6     | 5   | 4    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.85       | 0        | 0              | 11      |
| 2009 | 6     | 5   | 5    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.81       | 0        | 0              | 11      |
| 2009 | 6     | 5   | 5    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.77       | 0        | 0              | 11      |
| 2009 | 6     | 5   | 5    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.74       | 0        | 0              | 11      |
| 2009 | 6     | 5   | 5    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.72       | 0        | 0              | 11      |
| 2009 | 6     | 5   | 5    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.68       | 0        | 0              | 11      |
| 2009 | 6     | 5   | 5    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.67       | 0        | 0              | 11      |
| 2009 | 6     | 5   | 6    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.65       | 0        | 0              | 11      |
| 2009 | 6     | 5   | 6    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.63       | 0        | 0              | 11      |
| 2009 | 6     | 5   | 6    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.61       | 0        | 0              | 11      |
| 2009 | 6     | 5   | 6    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.58       | 0        | 0              | 11      |
| 2009 | 6     | 5   | 6    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.56       | 0        | 0              | 11      |
| 2009 | 6     | 5   | 6    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.54       | 0        | 0              | 11      |
| 2009 | 6     | 5   | 7    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.54       | 0        | 0              | 11      |
| 2009 | 6     | 5   | 7    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.52       | 0        | 0              | 11      |
| 2009 | 6     | 5   | 7    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.54       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 7    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.56       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 7    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.58       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 7    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.59       | 0        | 0              | 11.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 5   | 8    | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.63       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 8    | 17     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.65       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 8    | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.68       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 8    | 37     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.72       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 8    | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.76       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 8    | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.81       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 9    | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.85       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 9    | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.9        | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 9    | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 59.97       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 9    | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.03       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 9    | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.1        | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 9    | 57     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.17       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 10   | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.26       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 10   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.35       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 10   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.46       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 10   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.55       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 10   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.66       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 10   | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.75       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 11   | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.85       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 11   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.96       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 11   | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.02       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 11   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.07       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 11   | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.18       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 11   | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 12   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 12   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 12   | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 12   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 12   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 12   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 13   | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 13   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 13   | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.74       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 13   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.79       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 13   | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 13   | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 14   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 14   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 14   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.2        | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 14   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.2        | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 14   | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 14   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 15   | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 15   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 15   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 15   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 15   | 47     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 15   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.49       | 0        | 0              | 11.4    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 5   | 16   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 16   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 16   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 16   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 16   | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 16   | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 17   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 17   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 17   | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 17   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 17   | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 17   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 18   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.4    |
| 2009 | 6     | 5   | 18   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 18   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 18   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 18   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 18   | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 19   | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 19   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.64       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 19   | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 19   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 19   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 19   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 20   | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 20   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.51       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 20   | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.49       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 20   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 20   | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 20   | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.4        | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 21   | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 21   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 21   | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 21   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 21   | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 21   | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 22   | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 22   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 22   | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 22   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 22   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 22   | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 23   | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 23   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 23   | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 23   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 23   | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.2    |
| 2009 | 6     | 5   | 23   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 6   | 0    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 0    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 0    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 0    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 0    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 0    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 1    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 1    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 1    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.19       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 1    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 1    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 1    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 2    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 2    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 2    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.01       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 2    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.99       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 2    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 2    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.92       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 3    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.88       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 3    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 3    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.79       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 3    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.74       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 3    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 3    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 4    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.59       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 4    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.54       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 4    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.48       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 4    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.43       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 4    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.38       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 4    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.34       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 5    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.27       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 5    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.21       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 5    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.16       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 5    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.12       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 5    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.05       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 5    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.02       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 6    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.96       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 6    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.93       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 6    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 6    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.85       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 6    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.82       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 6    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.78       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 7    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.76       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 7    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.73       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 7    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.71       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 7    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.69       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 7    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.67       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 7    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.66       | 0        | 0              | 11      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 6   | 8    | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.66       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 8    | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.64       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 8    | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.64       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 8    | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.62       | 0        | 0              | 11      |
| 2009 | 6     | 6   | 8    | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.6        | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 8    | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.6        | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 9    | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.66       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 9    | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.69       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 9    | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.75       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 9    | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.76       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 9    | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.8        | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 9    | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 10   | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 60.94       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 10   | 17     | 17     | 32     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.03       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 10   | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.11       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 10   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.16       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 10   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.21       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 10   | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.3        | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 11   | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.43       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 11   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.52       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 11   | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 11   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 11   | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.72       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 11   | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.77       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 12   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 12   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.92       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 12   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 12   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.19       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 12   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 12   | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.4        | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 13   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 13   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.64       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 13   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 13   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 13   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 13   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 14   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 14   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 14   | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 14   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 14   | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 14   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 15   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 15   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 15   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 15   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 15   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 15   | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 6   | 16   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 16   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 16   | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 16   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 16   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 16   | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 17   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 17   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 17   | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 17   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.4    |
| 2009 | 6     | 6   | 17   | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 17   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 18   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 18   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 18   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 18   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 18   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 18   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 19   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 19   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 19   | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 19   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 19   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 19   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 20   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 20   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 20   | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 20   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 20   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 20   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 21   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 21   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 21   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 21   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 21   | 47     | 17     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 21   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 22   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 22   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 22   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 22   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 22   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 22   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 23   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 23   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 23   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 23   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 23   | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.2    |
| 2009 | 6     | 6   | 23   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 7   | 0    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 0    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 0    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 0    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 0    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 0    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 1    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 1    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 1    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 1    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 1    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 1    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 2    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 2    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11      |
| 2009 | 6     | 7   | 2    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 2    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 2    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 2    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 3    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 3    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 3    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 3    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 11      |
| 2009 | 6     | 7   | 3    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 3    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.51       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 4    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 4    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.4        | 0        | 0              | 11      |
| 2009 | 6     | 7   | 4    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 4    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.29       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 4    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 4    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.19       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 5    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 5    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.1        | 0        | 0              | 11      |
| 2009 | 6     | 7   | 5    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 5    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.01       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 5    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 5    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.92       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 6    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.86       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 6    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 6    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.77       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 6    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.74       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 6    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.7        | 0        | 0              | 11      |
| 2009 | 6     | 7   | 6    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 7    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.65       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 7    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 7    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 7    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 7    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 7    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.65       | 0        | 0              | 11      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 7   | 8    | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 8    | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 8    | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 8    | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 11      |
| 2009 | 6     | 7   | 8    | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.72       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 8    | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.77       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 9    | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 9    | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.88       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 9    | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.93       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 9    | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.01       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 9    | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 9    | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 10   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 10   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.29       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 10   | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 10   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.46       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 10   | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 10   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 11   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 11   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 11   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 11   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 11   | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 11   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 12   | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 12   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 12   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 12   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 12   | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 12   | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 13   | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 13   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 13   | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 13   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 13   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 13   | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 14   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 14   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 14   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 14   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 14   | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 14   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 15   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 15   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 15   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 15   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 15   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 15   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 7   | 16   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 16   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 16   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 16   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 16   | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.4    |
| 2009 | 6     | 7   | 16   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 17   | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 17   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 17   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 17   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 17   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 17   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 18   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 18   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 18   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 18   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 18   | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 18   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 19   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 19   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 19   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 19   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 19   | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 19   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 20   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 20   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 20   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 20   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 20   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 20   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 21   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 21   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 21   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 21   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 21   | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 21   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 22   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 22   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 22   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 22   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 22   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 22   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 23   | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 23   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 23   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 23   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 23   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.2    |
| 2009 | 6     | 7   | 23   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 11.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 8   | 0    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 0    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 0    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 0    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 0    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 0    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 11      |
| 2009 | 6     | 8   | 1    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 1    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 1    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 1    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 1    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 1    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 2    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 2    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 2    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 2    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 2    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 2    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 3    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 3    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 3    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 3    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 3    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 3    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 4    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 4    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 4    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 4    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 4    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 4    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 11      |
| 2009 | 6     | 8   | 5    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 5    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 5    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 5    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 5    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 5    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 6    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 6    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 6    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 6    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 6    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 6    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 7    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 11      |
| 2009 | 6     | 8   | 7    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 7    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 7    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 7    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 7    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 11      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 8   | 8    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 8    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.64       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 8    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 8    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 8    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11      |
| 2009 | 6     | 8   | 8    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 9    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 9    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 9    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 9    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 9    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 9    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 10   | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 10   | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 10   | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 10   | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 10   | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 10   | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 11   | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 11   | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 11   | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 11   | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 11   | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 11   | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 12   | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 12   | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 12   | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 12   | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 12   | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 12   | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 13   | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 13   | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 13   | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 13   | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 13   | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 13   | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 14   | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 14   | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 14   | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 14   | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 14   | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 14   | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 15   | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 15   | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 15   | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 15   | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 15   | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 15   | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 8   | 16   | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 16   | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 16   | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 16   | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 16   | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 16   | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 17   | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 17   | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 17   | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.4    |
| 2009 | 6     | 8   | 17   | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 17   | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 17   | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 18   | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 18   | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 18   | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 18   | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 18   | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 18   | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 19   | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 19   | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 19   | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 19   | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 19   | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 19   | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 20   | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 20   | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 20   | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 20   | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 20   | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 20   | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 21   | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 21   | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 21   | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 21   | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 21   | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 21   | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 22   | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 22   | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 22   | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 22   | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 22   | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 22   | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 23   | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 23   | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 23   | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 23   | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 23   | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.2    |
| 2009 | 6     | 8   | 23   | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 9   | 0    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 0    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 0    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 0    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11      |
| 2009 | 6     | 9   | 0    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 0    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 1    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 1    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11      |
| 2009 | 6     | 9   | 1    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 1    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 1    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 1    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 2    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 2    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 2    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 2    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 2    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 2    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 3    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11      |
| 2009 | 6     | 9   | 3    | 17     | 17     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 3    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 3    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 3    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 3    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11      |
| 2009 | 6     | 9   | 4    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 4    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 4    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 4    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 11      |
| 2009 | 6     | 9   | 4    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 4    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11      |
| 2009 | 6     | 9   | 5    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 5    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 5    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 5    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 5    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 5    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 6    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 6    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 6    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11      |
| 2009 | 6     | 9   | 6    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 6    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 6    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 7    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 7    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 7    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 7    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 7    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 7    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 9   | 8    | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 8    | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 8    | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 8    | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 8    | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 8    | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 9    | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 9    | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 9    | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 9    | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 9    | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 9    | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 10   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 10   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 10   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 10   | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 10   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 10   | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 11   | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 11   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 11   | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 11   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 11   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 11   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 12   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 12   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 12   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 12   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 12   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 12   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 13   | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 13   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 13   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 13   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 13   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 13   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 14   | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 14   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 14   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 14   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 14   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 14   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 15   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 15   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 15   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 15   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 15   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 15   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 9   | 16   | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 16   | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 16   | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 16   | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.4    |
| 2009 | 6     | 9   | 16   | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 16   | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 17   | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 17   | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 17   | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 17   | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 17   | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 17   | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 18   | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 18   | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 18   | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 18   | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 18   | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 18   | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 19   | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 19   | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 19   | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 19   | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 19   | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 19   | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 20   | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 20   | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 20   | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 20   | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 20   | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 20   | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 21   | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 21   | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 21   | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 21   | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 21   | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 21   | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 22   | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 22   | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.2    |
| 2009 | 6     | 9   | 22   | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 22   | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 22   | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 22   | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 23   | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 23   | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 23   | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 23   | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 23   | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11      |
| 2009 | 6     | 9   | 23   | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 10  | 0    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11      |
| 2009 | 6     | 10  | 0    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 0    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 0    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 0    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 0    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 1    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 1    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 1    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 1    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11      |
| 2009 | 6     | 10  | 1    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 1    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 2    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 2    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 2    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 2    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 2    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 2    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 3    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 3    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 3    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 3    | 37     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 3    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 3    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 4    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 4    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 4    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 4    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 4    | 47     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 4    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 5    | 7      | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 5    | 17     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 5    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 5    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 5    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 5    | 57     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 6    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 6    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11      |
| 2009 | 6     | 10  | 6    | 27     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 6    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 6    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 6    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 7    | 7      | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 7    | 17     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 7    | 27     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 7    | 37     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 7    | 47     | 17     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 7    | 57     | 17     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 10  | 8    | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 8    | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 8    | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 8    | 37     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 8    | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 8    | 57     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 9    | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 9    | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 9    | 27     | 17     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 9    | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 9    | 47     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 9    | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 10   | 7      | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 10   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 10   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 10   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 10   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 10   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 11   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 11   | 17     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 11   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 11   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 11   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 11   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 12   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 12   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 12   | 27     | 17     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 12   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 12   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 12   | 57     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 13   | 7      | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 13   | 17     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 13   | 27     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 13   | 37     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 13   | 47     | 17     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 13   | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 14   | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 14   | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 14   | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 14   | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 14   | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 14   | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 15   | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 15   | 15     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 15   | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 15   | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 15   | 45     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 15   | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 11.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 10  | 16   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 16   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 11.4    |
| 2009 | 6     | 10  | 16   | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 16   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 16   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 16   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 17   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 17   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 17   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 17   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 17   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 17   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 18   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 18   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 18   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 18   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 18   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 18   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 19   | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 19   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 19   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 19   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 19   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 19   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.2    |
| 2009 | 6     | 10  | 20   | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 20   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 20   | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 20   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 20   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 20   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 21   | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 21   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 21   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 21   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 21   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 21   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 22   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 22   | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 22   | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11      |
| 2009 | 6     | 10  | 22   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 22   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 22   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 23   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 23   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 23   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 23   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 23   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11      |
| 2009 | 6     | 10  | 23   | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 11  | 0    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 0    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 0    | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 0    | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 0    | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11      |
| 2009 | 6     | 11  | 0    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 1    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 1    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 1    | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 1    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 1    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 1    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 2    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 2    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 2    | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 2    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 2    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11      |
| 2009 | 6     | 11  | 2    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 3    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 3    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 3    | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 3    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11      |
| 2009 | 6     | 11  | 3    | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 3    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 4    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 4    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 4    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 4    | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 4    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 11      |
| 2009 | 6     | 11  | 4    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 5    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 5    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 5    | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 5    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 5    | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 5    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 6    | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 6    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 6    | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 6    | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 6    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 6    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 7    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11      |
| 2009 | 6     | 11  | 7    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11      |
| 2009 | 6     | 11  | 7    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 7    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 7    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 7    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 11  | 8    | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 8    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 8    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11      |
| 2009 | 6     | 11  | 8    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 8    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 8    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 9    | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 9    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11      |
| 2009 | 6     | 11  | 9    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 9    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 9    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11      |
| 2009 | 6     | 11  | 9    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 10   | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 10   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 10   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 10   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 10   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 10   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 11   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 11   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 11   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 11   | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 11   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 11   | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 12   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 12   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 12   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 12   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 12   | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 12   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 13   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 13   | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 13   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 13   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 13   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 13   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 14   | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 14   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 14   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 14   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 14   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 14   | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 15   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 15   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 15   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 15   | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.4    |
| 2009 | 6     | 11  | 15   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 15   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 11  | 16   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 16   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 16   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 16   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 16   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 16   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 17   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 17   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 17   | 25     | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 17   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 17   | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 17   | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 18   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 18   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 18   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 18   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 18   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 18   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 19   | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.2    |
| 2009 | 6     | 11  | 19   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 19   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 19   | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 19   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 19   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 20   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 20   | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 20   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 20   | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 20   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11      |
| 2009 | 6     | 11  | 20   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 21   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 21   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 21   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 21   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 21   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 21   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 22   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 22   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 22   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11      |
| 2009 | 6     | 11  | 22   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 22   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 22   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 23   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 23   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 23   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 23   | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 23   | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11      |
| 2009 | 6     | 11  | 23   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 12  | 0    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11      |
| 2009 | 6     | 12  | 0    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 0    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 0    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 0    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 0    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11      |
| 2009 | 6     | 12  | 1    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 1    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 1    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 1    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 1    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 1    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11      |
| 2009 | 6     | 12  | 2    | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 2    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 2    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 2    | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 2    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 2    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 3    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 3    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 3    | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 3    | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 3    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 3    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 4    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 4    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 4    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 4    | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11      |
| 2009 | 6     | 12  | 4    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 10.8    |
| 2009 | 6     | 12  | 4    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 10.8    |
| 2009 | 6     | 12  | 5    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 10.8    |
| 2009 | 6     | 12  | 5    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 10.8    |
| 2009 | 6     | 12  | 5    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 10.8    |
| 2009 | 6     | 12  | 5    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 10.8    |
| 2009 | 6     | 12  | 5    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 10.8    |
| 2009 | 6     | 12  | 5    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 10.8    |
| 2009 | 6     | 12  | 6    | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 10.8    |
| 2009 | 6     | 12  | 6    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 10.8    |
| 2009 | 6     | 12  | 6    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 10.8    |
| 2009 | 6     | 12  | 6    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 10.8    |
| 2009 | 6     | 12  | 6    | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 10.8    |
| 2009 | 6     | 12  | 6    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 10.8    |
| 2009 | 6     | 12  | 7    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 10.8    |
| 2009 | 6     | 12  | 7    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 10.8    |
| 2009 | 6     | 12  | 7    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 10.8    |
| 2009 | 6     | 12  | 7    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 7    | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 7    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 12  | 8    | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 8    | 15     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11      |
| 2009 | 6     | 12  | 8    | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 8    | 35     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 8    | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 8    | 55     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11      |
| 2009 | 6     | 12  | 9    | 5      | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 9    | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 9    | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 9    | 35     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 9    | 45     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 9    | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 10   | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 10   | 15     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 10   | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 10   | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 10   | 45     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 10   | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 11   | 5      | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 11   | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 11   | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 11   | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 11   | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 11   | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 12   | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 12   | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 12   | 25     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 12   | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 12   | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 12   | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 13   | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 13   | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 13   | 25     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 13   | 35     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 13   | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 13   | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 14   | 5      | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 14   | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 14   | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 14   | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 14   | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 14   | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 15   | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 15   | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 15   | 25     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 15   | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 15   | 45     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 15   | 55     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 12  | 16   | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 16   | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 16   | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 16   | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 16   | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 16   | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 17   | 5      | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 17   | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 17   | 25     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 17   | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 17   | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 17   | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.2    |
| 2009 | 6     | 12  | 18   | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 18   | 15     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 18   | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 18   | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 18   | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 18   | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 19   | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 19   | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11      |
| 2009 | 6     | 12  | 19   | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 19   | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 19   | 45     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 19   | 55     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 20   | 5      | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 20   | 15     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 20   | 25     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 20   | 35     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 20   | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 20   | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 21   | 5      | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 21   | 15     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 21   | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 21   | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 21   | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11      |
| 2009 | 6     | 12  | 21   | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11      |
| 2009 | 6     | 12  | 22   | 5      | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 22   | 15     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 22   | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 22   | 35     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 22   | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 22   | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 23   | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 23   | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 23   | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 23   | 35     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 23   | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11      |
| 2009 | 6     | 12  | 23   | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 13  | 0    | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 0    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 0    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 0    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 0    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 0    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 1    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 1    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 1    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 1    | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 1    | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 1    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 2    | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 2    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 2    | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 2    | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 2    | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 2    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 3    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 3    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 3    | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 3    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 3    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 3    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 4    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 4    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 4    | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 4    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 4    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 4    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 5    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 5    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 5    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 5    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 5    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 5    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 6    | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 6    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 6    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 6    | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 6    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 6    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 7    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 7    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 7    | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 7    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 7    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 7    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 10.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 13  | 8    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 8    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 8    | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 8    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 8    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 8    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 9    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 9    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 9    | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 9    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 9    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 11      |
| 2009 | 6     | 13  | 9    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 10   | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 10   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 10   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 10   | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 10   | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 10   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 11   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 11   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 11   | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 11   | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 11   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 11   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 12   | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 12   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 12   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 12   | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 12   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 12   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 13   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 13   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 13   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 13   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 13   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 13   | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 14   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 14   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 14   | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 14   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 14   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 14   | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 15   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 15   | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 15   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 15   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 15   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 15   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.2    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 13  | 16   | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 16   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 16   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 16   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.2    |
| 2009 | 6     | 13  | 16   | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 16   | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 17   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 17   | 15     | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 17   | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 17   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 17   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 17   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 18   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 18   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11      |
| 2009 | 6     | 13  | 18   | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 18   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 18   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11      |
| 2009 | 6     | 13  | 18   | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 19   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 19   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 19   | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 19   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 19   | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 19   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 20   | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 20   | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11      |
| 2009 | 6     | 13  | 20   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 20   | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 20   | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 20   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 21   | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 21   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 21   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 21   | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 21   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 21   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11      |
| 2009 | 6     | 13  | 22   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 22   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 22   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11      |
| 2009 | 6     | 13  | 22   | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 22   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 22   | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 23   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 23   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 23   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 23   | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 23   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 10.8    |
| 2009 | 6     | 13  | 23   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 10.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 14  | 0    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 0    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 0    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 0    | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 0    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 0    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 1    | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 1    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 1    | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 1    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 1    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 1    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 2    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 2    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 2    | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 2    | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 2    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 2    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 3    | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 3    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 3    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 3    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 3    | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.64       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 3    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 4    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 4    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 4    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 4    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 4    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 4    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 5    | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 5    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 5    | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.11       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 5    | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 5    | 45     | 45     | 32     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 5    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.97       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 6    | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.93       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 6    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.88       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 6    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 6    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.77       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 6    | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.72       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 6    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 7    | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.65       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 7    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 7    | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.61       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 7    | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.61       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 7    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.61       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 7    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.61       | 0        | 0              | 10.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 14  | 8    | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.61       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 8    | 15     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 8    | 25     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 8    | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.7        | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 8    | 45     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.74       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 8    | 55     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.77       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 9    | 5      | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 9    | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.9        | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 9    | 25     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 9    | 35     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 9    | 45     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.11       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 9    | 55     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 10   | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 10   | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 10   | 25     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 10   | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 10   | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 10   | 55     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 11   | 5      | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11      |
| 2009 | 6     | 14  | 11   | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 11   | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 11   | 35     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 11   | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 11   | 55     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 12   | 5      | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 12   | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 12   | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 12   | 35     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 12   | 45     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 12   | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 13   | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 13   | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 13   | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 13   | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 13   | 45     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 13   | 55     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 14   | 5      | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 14   | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 14   | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 14   | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 14   | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 14   | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 15   | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 15   | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 15   | 25     | 45     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 15   | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 15   | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 15   | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 14  | 16   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 16   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 16   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 16   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 16   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 16   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.2    |
| 2009 | 6     | 14  | 17   | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 17   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 17   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 17   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 17   | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 17   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 18   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 18   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 18   | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 18   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 18   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 18   | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 19   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11      |
| 2009 | 6     | 14  | 19   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 19   | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 19   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 19   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 19   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11      |
| 2009 | 6     | 14  | 20   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 20   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 20   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 20   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 20   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 20   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 21   | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11      |
| 2009 | 6     | 14  | 21   | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 21   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 21   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 21   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 21   | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 22   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11      |
| 2009 | 6     | 14  | 22   | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 22   | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 22   | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 22   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 22   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 23   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 23   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 23   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 23   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 23   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 10.8    |
| 2009 | 6     | 14  | 23   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 10.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 15  | 0    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 0    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 0    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 0    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 0    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 0    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 1    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 1    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 1    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 1    | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 1    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 1    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 2    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 2    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 2    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 2    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 2    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 2    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 3    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 3    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 3    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 3    | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 3    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 3    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 4    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 4    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 4    | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 4    | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 4    | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 4    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 5    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 5    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 5    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 5    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 5    | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 5    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 6    | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 6    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 6    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 6    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 6    | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 6    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 7    | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 7    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 7    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 7    | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 7    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 7    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 10.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 15  | 8    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 8    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 8    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 8    | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 8    | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 8    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 9    | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 9    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 9    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 9    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 9    | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 9    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 11      |
| 2009 | 6     | 15  | 10   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 10   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 10   | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 10   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 10   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 10   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 11   | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 11   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 11   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 11   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11      |
| 2009 | 6     | 15  | 11   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11      |
| 2009 | 6     | 15  | 11   | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 12   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 12   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 12   | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 12   | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 12   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 12   | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 13   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 13   | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 13   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 13   | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 13   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 13   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 14   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 14   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 14   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 14   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 14   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 14   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 15   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 15   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 15   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 11.2    |
| 2009 | 6     | 15  | 15   | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11      |
| 2009 | 6     | 15  | 15   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11      |
| 2009 | 6     | 15  | 15   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 11      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 15  | 16   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 16   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 16   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 16   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11      |
| 2009 | 6     | 15  | 16   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 16   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 17   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 17   | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 17   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 17   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 17   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 17   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 18   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 18   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 18   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 18   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 18   | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 18   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 19   | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 19   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 19   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 19   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 19   | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11      |
| 2009 | 6     | 15  | 19   | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 20   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 20   | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 20   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 20   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 20   | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 20   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 21   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 21   | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 21   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 21   | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 21   | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 21   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 22   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 22   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 22   | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 22   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 22   | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 22   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 23   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 23   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 23   | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 23   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 23   | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 10.8    |
| 2009 | 6     | 15  | 23   | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 10.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 16  | 0    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 0    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 0    | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 0    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 0    | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 0    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 1    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 1    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 1    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 1    | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 1    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 1    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 2    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 2    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 2    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 2    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 2    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 2    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 3    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 3    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 3    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 3    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 3    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 3    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 4    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 4    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 4    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 4    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 4    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 4    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 5    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 10.6    |
| 2009 | 6     | 16  | 5    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 10.6    |
| 2009 | 6     | 16  | 5    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 10.6    |
| 2009 | 6     | 16  | 5    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 10.6    |
| 2009 | 6     | 16  | 5    | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 10.6    |
| 2009 | 6     | 16  | 5    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 10.6    |
| 2009 | 6     | 16  | 6    | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 10.6    |
| 2009 | 6     | 16  | 6    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 10.6    |
| 2009 | 6     | 16  | 6    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 10.6    |
| 2009 | 6     | 16  | 6    | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 10.6    |
| 2009 | 6     | 16  | 6    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 10.6    |
| 2009 | 6     | 16  | 6    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 10.6    |
| 2009 | 6     | 16  | 7    | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 10.6    |
| 2009 | 6     | 16  | 7    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 10.6    |
| 2009 | 6     | 16  | 7    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 10.6    |
| 2009 | 6     | 16  | 7    | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 10.6    |
| 2009 | 6     | 16  | 7    | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 10.6    |
| 2009 | 6     | 16  | 7    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 10.6    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 16  | 8    | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 10.6    |
| 2009 | 6     | 16  | 8    | 15     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 10.6    |
| 2009 | 6     | 16  | 8    | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 10.6    |
| 2009 | 6     | 16  | 8    | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 10.6    |
| 2009 | 6     | 16  | 8    | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 10.6    |
| 2009 | 6     | 16  | 8    | 55     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 10.6    |
| 2009 | 6     | 16  | 9    | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 10.6    |
| 2009 | 6     | 16  | 9    | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 10.6    |
| 2009 | 6     | 16  | 9    | 25     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 10.6    |
| 2009 | 6     | 16  | 9    | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 10.6    |
| 2009 | 6     | 16  | 9    | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 10.6    |
| 2009 | 6     | 16  | 9    | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 10.6    |
| 2009 | 6     | 16  | 10   | 5      | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 10   | 15     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 10   | 25     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 10   | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 10   | 45     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 10   | 55     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 11   | 5      | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 11   | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 11   | 25     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 11   | 35     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 11   | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 11   | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 12   | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 12   | 15     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 12   | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 12   | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 12   | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11      |
| 2009 | 6     | 16  | 12   | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11.2    |
| 2009 | 6     | 16  | 13   | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 13   | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 13   | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11      |
| 2009 | 6     | 16  | 13   | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 13   | 45     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 13   | 55     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 14   | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11      |
| 2009 | 6     | 16  | 14   | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 14   | 25     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 14   | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11      |
| 2009 | 6     | 16  | 14   | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 14   | 55     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 15   | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 15   | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 15   | 25     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11      |
| 2009 | 6     | 16  | 15   | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 15   | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 15   | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 16  | 16   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 16   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 16   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 16   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 16   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 16   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11      |
| 2009 | 6     | 16  | 17   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 17   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11      |
| 2009 | 6     | 16  | 17   | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 17   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 17   | 45     | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 17   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 18   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 18   | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 18   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 18   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11      |
| 2009 | 6     | 16  | 18   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 18   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 19   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 19   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 19   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 19   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 19   | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 19   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 20   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 20   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 20   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 20   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 20   | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 20   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 21   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 21   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 21   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 21   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 21   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 21   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 22   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 22   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 22   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 22   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 22   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 22   | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 23   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 23   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 23   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 23   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 23   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 10.8    |
| 2009 | 6     | 16  | 23   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 10.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 17  | 0    | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 0    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 0    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 0    | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 0    | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 0    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 1    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 1    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 1    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 1    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 1    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 1    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 2    | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 2    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 2    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 2    | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 2    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 2    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 3    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 3    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 3    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 3    | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 3    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 3    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 4    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 4    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 4    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 4    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 4    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 4    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 5    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 5    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 5    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 5    | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 5    | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 5    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 6    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 6    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 6    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 6    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 6    | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 6    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 7    | 5      | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 7    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 7    | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 7    | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 7    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 7    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 10.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 17  | 8    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 8    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 8    | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 8    | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 8    | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 8    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 9    | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 9    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 9    | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 9    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 9    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 9    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 10   | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 10   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 10   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 10   | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 10   | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 10   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 11   | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 11   | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 11   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 11   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 11   | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 11   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11      |
| 2009 | 6     | 17  | 12   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 12   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 12   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 12   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 12   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 12   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 13   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 13   | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11      |
| 2009 | 6     | 17  | 13   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 13   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 13   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 13   | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 14   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 14   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 14   | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11      |
| 2009 | 6     | 17  | 14   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11      |
| 2009 | 6     | 17  | 14   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 14   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 15   | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 15   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 15   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 15   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11      |
| 2009 | 6     | 17  | 15   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 15   | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 10.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 17  | 16   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 16   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 16   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 16   | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 16   | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 16   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 17   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 17   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 17   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 17   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 17   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 17   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 18   | 5      | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 18   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 18   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 18   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 18   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 18   | 55     | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 19   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 19   | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 19   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 19   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 19   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 19   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 20   | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 20   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 20   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 20   | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 20   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 20   | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 21   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 21   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 21   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 21   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 21   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 21   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 22   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 22   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 22   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 22   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 10.8    |
| 2009 | 6     | 17  | 22   | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 22   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 23   | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 23   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 23   | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 23   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 23   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 10.6    |
| 2009 | 6     | 17  | 23   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 10.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 18  | 0    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 0    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 0    | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 0    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 0    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 0    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 1    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 1    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 1    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 1    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 1    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 1    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 2    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 2    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 2    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 2    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 2    | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 2    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 3    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 3    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 3    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 3    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 3    | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 3    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 4    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 4    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 4    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 4    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 4    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 4    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 5    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 5    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 5    | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 5    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 5    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 5    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 6    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 6    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 6    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 6    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 6    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 6    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 7    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 7    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 7    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 7    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 7    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 7    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 10.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 18  | 8    | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 8    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 8    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 8    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 8    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 8    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 9    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 9    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 9    | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 9    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 9    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 9    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 10   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 10   | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 10   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 10   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 10   | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 10   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 11   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 11   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 11   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 11   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 11   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 11   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 12   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 12   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 12   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 12   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 12   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 12   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 13   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 13   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 13   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 13   | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 13   | 45     | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 13   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 14   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 14   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 14   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 14   | 35     | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 11      |
| 2009 | 6     | 18  | 14   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 14   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 15   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 15   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 15   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 15   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 15   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 15   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 11      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 18  | 16   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 16   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 16   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 11      |
| 2009 | 6     | 18  | 16   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 16   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 16   | 55     | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 17   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 17   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 17   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 17   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 17   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 17   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 18   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 18   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 18   | 25     | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 18   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 18   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 18   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 19   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 19   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 19   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 19   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 19   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 19   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 20   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 20   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 20   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 20   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 20   | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 20   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 21   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 21   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 10.8    |
| 2009 | 6     | 18  | 21   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 21   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 21   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 21   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 22   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 22   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 22   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 22   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 22   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 22   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 23   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 23   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 23   | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 23   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 23   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 10.6    |
| 2009 | 6     | 18  | 23   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 10.6    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 19  | 0    | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 0    | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 0    | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 0    | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 0    | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 0    | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 1    | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 1    | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 1    | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 1    | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 1    | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 1    | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 2    | 5      | 45     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 2    | 15     | 45     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 2    | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 2    | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 2    | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 2    | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 3    | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 3    | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 3    | 25     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 3    | 35     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 3    | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 3    | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 4    | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 4    | 15     | 45     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 4    | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 4    | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 4    | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 10.4    |
| 2009 | 6     | 19  | 4    | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 10.4    |
| 2009 | 6     | 19  | 5    | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 10.4    |
| 2009 | 6     | 19  | 5    | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 10.4    |
| 2009 | 6     | 19  | 5    | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 10.4    |
| 2009 | 6     | 19  | 5    | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 10.4    |
| 2009 | 6     | 19  | 5    | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 10.4    |
| 2009 | 6     | 19  | 5    | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 10.4    |
| 2009 | 6     | 19  | 6    | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 10.4    |
| 2009 | 6     | 19  | 6    | 15     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 10.4    |
| 2009 | 6     | 19  | 6    | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 10.4    |
| 2009 | 6     | 19  | 6    | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 10.4    |
| 2009 | 6     | 19  | 6    | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 10.4    |
| 2009 | 6     | 19  | 6    | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 10.4    |
| 2009 | 6     | 19  | 7    | 5      | 45     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 10.4    |
| 2009 | 6     | 19  | 7    | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 10.4    |
| 2009 | 6     | 19  | 7    | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 10.4    |
| 2009 | 6     | 19  | 7    | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 10.4    |
| 2009 | 6     | 19  | 7    | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 10.4    |
| 2009 | 6     | 19  | 7    | 55     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 10.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 19  | 8    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 10.4    |
| 2009 | 6     | 19  | 8    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 10.4    |
| 2009 | 6     | 19  | 8    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 10.4    |
| 2009 | 6     | 19  | 8    | 35     | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 8    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 8    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 9    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 9    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 9    | 25     | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 9    | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 9    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 9    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 10   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 10   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 10   | 25     | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 10   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 10   | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 10   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 11   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 11   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 11   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 11   | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 11   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 11   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 12   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 12   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 12   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 12   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 12   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 12   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 13   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 13   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 13   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 13   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 13   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 13   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 14   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 14   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 14   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 14   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 14   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 14   | 55     | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 15   | 5      | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 15   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 15   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 15   | 35     | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 15   | 45     | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 15   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 10.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 19  | 16   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 16   | 15     | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 16   | 25     | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 16   | 35     | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 16   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 16   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 17   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 17   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 17   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 17   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 17   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 17   | 55     | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 18   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 18   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 18   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 18   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 18   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 10.8    |
| 2009 | 6     | 19  | 18   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 19   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 19   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 19   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 19   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 19   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 19   | 55     | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 20   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 20   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 20   | 25     | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 20   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 20   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 20   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 21   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 21   | 15     | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 21   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 21   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 21   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 21   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 22   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 22   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 22   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 22   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 22   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 22   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 23   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 23   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 23   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 23   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 23   | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 10.6    |
| 2009 | 6     | 19  | 23   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 10.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 20  | 0    | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 0    | 15     | 45     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 0    | 25     | 45     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 0    | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 0    | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 0    | 55     | 45     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 1    | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 1    | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 1    | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 1    | 35     | 45     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 1    | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 1    | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 2    | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 2    | 15     | 45     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 2    | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 2    | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 2    | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 2    | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 3    | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 3    | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 3    | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 3    | 35     | 45     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 3    | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 3    | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 4    | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 4    | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 4    | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 4    | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 4    | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 4    | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 5    | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 5    | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 5    | 25     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 5    | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 5    | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 5    | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 6    | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 6    | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 6    | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 6    | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 6    | 45     | 45     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 6    | 55     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 7    | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 7    | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 7    | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 7    | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 7    | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 7    | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 10.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 20  | 8    | 5      | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 8    | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 8    | 25     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 8    | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 8    | 45     | 45     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 8    | 55     | 45     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 9    | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 9    | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 9    | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 9    | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 9    | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 9    | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 10   | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 10   | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 10   | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 10   | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 10   | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 10   | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 11   | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 11   | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 11   | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 11   | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 11   | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 11   | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 12   | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 12   | 15     | 45     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 12   | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 12   | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 12   | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 12   | 55     | 45     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 13   | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 13   | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 13   | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 13   | 35     | 45     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 13   | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 13   | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 14   | 5      | 45     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 14   | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 14   | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 14   | 35     | 45     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 14   | 45     | 45     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 14   | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 15   | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 15   | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 15   | 25     | 45     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 15   | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 15   | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 15   | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 10.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 20  | 16   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 16   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 16   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 16   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 16   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 16   | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 17   | 5      | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 17   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 17   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 17   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 10.8    |
| 2009 | 6     | 20  | 17   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 17   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 18   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 18   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 18   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 18   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 18   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 18   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 19   | 5      | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 19   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 19   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 19   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 19   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 19   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 20   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 20   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 20   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 20   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 20   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 20   | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 21   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 21   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 21   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 21   | 35     | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 21   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 21   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 22   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 22   | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 22   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 22   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 10.6    |
| 2009 | 6     | 20  | 22   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 22   | 55     | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 23   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 23   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 23   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 23   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 23   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 10.4    |
| 2009 | 6     | 20  | 23   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 10.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 21  | 0    | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 0    | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 0    | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 0    | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 0    | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 0    | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 1    | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 1    | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 1    | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 1    | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 1    | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 1    | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 2    | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 2    | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 2    | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 2    | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 2    | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 2    | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 3    | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 3    | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 3    | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 3    | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 3    | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 3    | 55     | 45     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 4    | 5      | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 4    | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 4    | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 4    | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 4    | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 4    | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 5    | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 5    | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 5    | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 5    | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 5    | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 5    | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 6    | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 6    | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 6    | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 6    | 35     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 6    | 45     | 45     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 6    | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 7    | 5      | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 7    | 15     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 7    | 25     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 7    | 35     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 7    | 45     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 10      |
| 2009 | 6     | 21  | 7    | 55     | 45     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 10      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 21  | 8    | 5      | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 10      |
| 2009 | 6     | 21  | 8    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 10      |
| 2009 | 6     | 21  | 8    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 10      |
| 2009 | 6     | 21  | 8    | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 10      |
| 2009 | 6     | 21  | 8    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 10      |
| 2009 | 6     | 21  | 8    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 10      |
| 2009 | 6     | 21  | 9    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 10      |
| 2009 | 6     | 21  | 9    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 10      |
| 2009 | 6     | 21  | 9    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 10      |
| 2009 | 6     | 21  | 9    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 9    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 9    | 55     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 10   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 10.2    |
| 2009 | 6     | 21  | 10   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 10   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 10   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 10   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 10   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 11   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 11   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 11   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 11   | 35     | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 11   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 11   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 12   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 12   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 12   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 12   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 12   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 12   | 55     | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 13   | 5      | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 13   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 13   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 13   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 13   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 13   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 14   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 14   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 14   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 14   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 14   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 14   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 15   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 15   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 15   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 15   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 15   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 10.8    |
| 2009 | 6     | 21  | 15   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 10.8    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 21  | 16   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 16   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.66       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 16   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 16   | 35     | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 16   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 16   | 55     | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 17   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 17   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 17   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 17   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 17   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 17   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 18   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 18   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 18   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 18   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 18   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 18   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 19   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 19   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 19   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 10.6    |
| 2009 | 6     | 21  | 19   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 19   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 19   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 20   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 20   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 20   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 20   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 20   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 20   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 21   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 21   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 21   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 21   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 21   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 21   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 22   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 22   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 22   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 22   | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 22   | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 22   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 23   | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 23   | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 23   | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 23   | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 23   | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 10.4    |
| 2009 | 6     | 21  | 23   | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 10.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 22  | 0    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 10.2    |
| 2009 | 6     | 22  | 0    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 10.2    |
| 2009 | 6     | 22  | 0    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 10.2    |
| 2009 | 6     | 22  | 0    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 10.2    |
| 2009 | 6     | 22  | 0    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 10.2    |
| 2009 | 6     | 22  | 0    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 10.2    |
| 2009 | 6     | 22  | 1    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 10.2    |
| 2009 | 6     | 22  | 1    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 10.2    |
| 2009 | 6     | 22  | 1    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 10.2    |
| 2009 | 6     | 22  | 1    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 10.2    |
| 2009 | 6     | 22  | 1    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 10      |
| 2009 | 6     | 22  | 1    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 10      |
| 2009 | 6     | 22  | 2    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 10      |
| 2009 | 6     | 22  | 2    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 9.8     |
| 2009 | 6     | 22  | 2    | 25     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 9.8     |
| 2009 | 6     | 22  | 2    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 9.8     |
| 2009 | 6     | 22  | 2    | 45     | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 9.8     |
| 2009 | 6     | 22  | 2    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 9.8     |
| 2009 | 6     | 22  | 3    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 9.6     |
| 2009 | 6     | 22  | 3    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 9.6     |
| 2009 | 6     | 22  | 3    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 9.6     |
| 2009 | 6     | 22  | 3    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 9.6     |
| 2009 | 6     | 22  | 3    | 45     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 9.4     |
| 2009 | 6     | 22  | 3    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 9.4     |
| 2009 | 6     | 22  | 4    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 9.4     |
| 2009 | 6     | 22  | 4    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 9.4     |
| 2009 | 6     | 22  | 4    | 25     | 45     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 9.4     |
| 2009 | 6     | 22  | 4    | 35     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 9.4     |
| 2009 | 6     | 22  | 4    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 9.4     |
| 2009 | 6     | 22  | 4    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 9.4     |
| 2009 | 6     | 22  | 5    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 9.2     |
| 2009 | 6     | 22  | 5    | 15     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 9.2     |
| 2009 | 6     | 22  | 5    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 9.2     |
| 2009 | 6     | 22  | 5    | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 9.2     |
| 2009 | 6     | 22  | 5    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 9.2     |
| 2009 | 6     | 22  | 5    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 9.2     |
| 2009 | 6     | 22  | 6    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 9.2     |
| 2009 | 6     | 22  | 6    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 9.2     |
| 2009 | 6     | 22  | 6    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 9.2     |
| 2009 | 6     | 22  | 6    | 35     | 45     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 9.2     |
| 2009 | 6     | 22  | 6    | 45     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 9.2     |
| 2009 | 6     | 22  | 6    | 55     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 9.2     |
| 2009 | 6     | 22  | 7    | 5      | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 9.2     |
| 2009 | 6     | 22  | 7    | 15     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 9.2     |
| 2009 | 6     | 22  | 7    | 25     | 45     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 9.2     |
| 2009 | 6     | 22  | 7    | 40     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 7    | 50     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 8    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 22  | 8    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 8    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 8    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 8    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 8    | 50     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 9    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 9    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 9    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 9    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 9    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 9    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 10   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 10   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 10   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 10   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 10   | 40     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 10   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 11   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 11   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 11   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 11   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 11   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 11   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 12   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 12   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 12   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 12   | 30     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 12   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 12   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 13   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 13   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 13   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 13   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 13   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 13   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 14   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 14   | 10     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 14   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 14   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 14   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 14   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 15   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 15   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 15   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 15   | 30     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 15   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 15   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 16   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 22  | 16   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 16   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 16   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 16   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 16   | 50     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 17   | 0      | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 17   | 10     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 17   | 20     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 17   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 17   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 17   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 18   | 0      | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 18   | 10     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 18   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 18   | 30     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 18   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 18   | 50     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 19   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 19   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 19   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 19   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 19   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 19   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 20   | 0      | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 20   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 20   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 20   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 20   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 20   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 21   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 21   | 10     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 21   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 21   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 21   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 21   | 50     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 22   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 22   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 22   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 22   | 30     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 22   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 22   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 23   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 23   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 23   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 23   | 30     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 23   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 23   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 0    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 23  | 0    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 0    | 20     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 0    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 0    | 40     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 0    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 1    | 0      | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 1    | 10     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 1    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 1    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 1    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12      |
| 2009 | 6     | 23  | 1    | 50     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 2    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 2    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 2    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 2    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 2    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 2    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 3    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 3    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 3    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 3    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 3    | 40     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 3    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 4    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 4    | 10     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 4    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 4    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 4    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 4    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 5    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 5    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 5    | 20     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 5    | 30     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 5    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 5    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 6    | 0      | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 6    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 6    | 20     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 6    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 6    | 40     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 6    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 7    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 7    | 10     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 7    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 7    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 7    | 40     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 7    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 8    | 0      | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 23  | 8    | 10     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 8    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 8    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 8    | 40     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 8    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 9    | 0      | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 9    | 10     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 9    | 20     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 9    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 9    | 40     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 9    | 50     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 10   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 10   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 10   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 10   | 30     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 10   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 10   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 11   | 0      | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 11   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 11   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 11   | 30     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 11   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 11   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 12   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 12   | 10     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 12   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 12   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 12   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 12   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 13   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 13   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 13   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 13   | 30     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 13   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 13   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 14   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 14   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 14   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 14   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 14   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 14   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 15   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 15   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 15   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 15   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 15   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 15   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 16   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 23  | 16   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 16   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 16   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 16   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 16   | 50     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 17   | 0      | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 17   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 17   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 17   | 30     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 17   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 17   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 40     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 0      | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 10     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 19   | 50     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 20   | 50     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 21   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 21   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 21   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 21   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 21   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 21   | 50     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 22   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 22   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 22   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 22   | 30     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 22   | 40     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 22   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 23   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 23   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 23   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 23   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 23   | 40     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 23   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 0    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 24  | 0    | 10     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 0    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 0    | 30     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 0    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 0    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 20     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 1    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 30     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 2    | 50     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 3    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 4    | 0      | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 4    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12      |
| 2009 | 6     | 24  | 4    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 4    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 4    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 4    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 5    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12      |
| 2009 | 6     | 24  | 5    | 10     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 5    | 20     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 5    | 30     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 5    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12      |
| 2009 | 6     | 24  | 5    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 6    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 6    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 6    | 20     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 6    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 6    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 6    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 7    | 0      | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 7    | 10     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 7    | 20     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12      |
| 2009 | 6     | 24  | 7    | 30     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 7    | 40     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12      |
| 2009 | 6     | 24  | 7    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64          | 0        | 0              | 12      |
| 2009 | 6     | 24  | 8    | 0      | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 12      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 24  | 8    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 8    | 20     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 8    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 8    | 40     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12      |
| 2009 | 6     | 24  | 8    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 9    | 0      | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 9    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 9    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 9    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 9    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 9    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 10   | 0      | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 10   | 10     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 10   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 10   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 10   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 10   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 11   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 11   | 10     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 11   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 11   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 11   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 11   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 12   | 0      | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 12   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 12   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 12   | 30     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 12   | 40     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 12   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 13   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 13   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 13   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 13   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 13   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 13   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 14   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 14   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 14   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 14   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 14   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 14   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 15   | 0      | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 15   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 15   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 15   | 30     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 15   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 15   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 16   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 24  | 16   | 10     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 16   | 20     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 16   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 16   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 16   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 17   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 17   | 10     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 17   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 17   | 30     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 17   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 17   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 18   | 0      | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 18   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 18   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 18   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 18   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 18   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 19   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 30     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 20   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 21   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 21   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 21   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 21   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 21   | 40     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 21   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 22   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 22   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 24  | 22   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 22   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 22   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 12      |
| 2009 | 6     | 24  | 22   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 23   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 23   | 10     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 23   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 23   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 23   | 40     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 23   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 0    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 25  | 0    | 10     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 0    | 20     | 50     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 0    | 30     | 50     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 0    | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 0    | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 10     | 50     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 30     | 50     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 1    | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 10     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 2    | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 10     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 20     | 50     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 3    | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 10     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 40     | 50     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 4    | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 5    | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 5    | 10     | 50     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 5    | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 5    | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 5    | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 5    | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 6    | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 6    | 10     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 6    | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 6    | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 6    | 40     | 50     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 6    | 50     | 50     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 7    | 0      | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 7    | 10     | 50     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 7    | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 7    | 30     | 50     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 7    | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 7    | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 8    | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 25  | 8    | 10     | 50     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 8    | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 8    | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 8    | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 8    | 50     | 50     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 9    | 0      | 50     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 9    | 10     | 50     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 9    | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 9    | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 9    | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 9    | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 10   | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 10   | 10     | 50     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 10   | 20     | 50     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 10   | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 10   | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 10   | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 11   | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 11   | 10     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 11   | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 11   | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 11   | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 11   | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 12   | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 12   | 10     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 12   | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 12   | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 12   | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 12   | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 13   | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 13   | 10     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 13   | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 13   | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 13   | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 13   | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 14   | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 14   | 10     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 14   | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 14   | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 14   | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 14   | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 15   | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 15   | 10     | 50     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 15   | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 15   | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 15   | 40     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 15   | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 16   | 0      | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 25  | 16   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 16   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 16   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 16   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 16   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 17   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 17   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 17   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 17   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 17   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 17   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 18   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 18   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 18   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 18   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 18   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 18   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 40     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 19   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 20   | 50     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 21   | 0      | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 21   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 21   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 21   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 21   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 21   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 22   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 22   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 22   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 22   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 22   | 40     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 22   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 23   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 23   | 10     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 23   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 23   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 23   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 23   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 0    | 0      | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 26  | 0    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 0    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 0    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 0    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 0    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 20     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 30     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 1    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 20     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 2    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 10     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 20     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 3    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 4    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 5    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 5    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 5    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 5    | 30     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 5    | 40     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 5    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 6    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 6    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 6    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 6    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 6    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 6    | 50     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 7    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 7    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 7    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 7    | 30     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 7    | 40     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 7    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 8    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 26  | 8    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 8    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 8    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 8    | 40     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 8    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 9    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 9    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 9    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 9    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 9    | 40     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 9    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 10   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 10   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 10   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 10   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 10   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 10   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 11   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 11   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 11   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 11   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 11   | 40     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 11   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 12   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 12   | 10     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 12   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 12   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 12   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 12   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 13   | 0      | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 13   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 13   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 13   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 13   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 13   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 14   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 14   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 14   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 14   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 14   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 14   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 15   | 0      | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 15   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 15   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 15   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 12.6    |
| 2009 | 6     | 26  | 15   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 15   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 16   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 26  | 16   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 16   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 16   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 16   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 16   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 17   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 17   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 17   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 17   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 17   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 17   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 18   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 18   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 18   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 18   | 30     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 18   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 18   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 10     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 19   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 20   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 20   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 21   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12      |
| 2009 | 6     | 26  | 21   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 21   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 21   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 21   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 21   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 22   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 22   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 22   | 20     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.68       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 22   | 30     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 22   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 22   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 23   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 23   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 23   | 20     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 23   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 23   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 23   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 0    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12      |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 27  | 0    | 10     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 0    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 0    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 0    | 40     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 0    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 10     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.15       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 1    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 30     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 2    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 20     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 40     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 3    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 4    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 4    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 4    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 4    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 4    | 40     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 4    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 5    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 5    | 10     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 5    | 20     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 5    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 5    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 5    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 6    | 0      | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 6    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 6    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 6    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 6    | 40     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 6    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 7    | 0      | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 7    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 7    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 7    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 7    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 7    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 8    | 0      | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 27  | 8    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 8    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 8    | 30     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 8    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 8    | 50     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 9    | 0      | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 9    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 9    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 9    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 9    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 9    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 10   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 10   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 10   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 10   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 10   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 10   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 11   | 0      | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 11   | 10     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 11   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 11   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 11   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 11   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 12   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 12   | 10     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 12   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 12   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 12   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 12   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 13   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 13   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 13   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 13   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 13   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 13   | 50     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 14   | 0      | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 14   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 14   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 14   | 30     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 14   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 14   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 15   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 15   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 15   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 15   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 15   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 15   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 16   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 27  | 16   | 10     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 16   | 20     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 16   | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 16   | 40     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 16   | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 17   | 0      | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 17   | 10     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 17   | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 17   | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 17   | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 17   | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 18   | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 18   | 10     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 18   | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 18   | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 18   | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 18   | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 10     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 30     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 19   | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 10     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 20   | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 20   | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 20   | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 21   | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 21   | 10     | 50     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 21   | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 21   | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 21   | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 21   | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 22   | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 22   | 10     | 50     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 22   | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 22   | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 22   | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 22   | 50     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 23   | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 23   | 10     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 23   | 20     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12      |
| 2009 | 6     | 27  | 23   | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 23   | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 23   | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 0    | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 28  | 0    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 0    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 0    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 0    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 0    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 40     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 1    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 40     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 2    | 50     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 3    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 4    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 4    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 4    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 4    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 4    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 4    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 5    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 5    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 5    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 5    | 30     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 5    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 5    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 6    | 0      | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 6    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 6    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 6    | 30     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 6    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 6    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 7    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 7    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 7    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 7    | 30     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 7    | 40     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 7    | 50     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 8    | 0      | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 28  | 8    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 8    | 20     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 8    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 8    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 8    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 9    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 9    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 9    | 20     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 9    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 9    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 9    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 10   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 10   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 10   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 10   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 10   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 10   | 50     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 11   | 0      | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 11   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 11   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 11   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 11   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 11   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 12   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 12   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 12   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 12   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 12   | 40     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 12   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 13   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 13   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 13   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 13   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 13   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 13   | 50     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 14   | 0      | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 14   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 14   | 20     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 14   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 14   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 14   | 50     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 15   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 15   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 15   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 15   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 15   | 40     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 15   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 16   | 0      | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 28  | 16   | 10     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 16   | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 16   | 30     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 16   | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 16   | 50     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 17   | 0      | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 17   | 10     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 17   | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 17   | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 17   | 40     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 17   | 50     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 18   | 0      | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 18   | 10     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 18   | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 18   | 30     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 18   | 40     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 18   | 50     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 0      | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 10     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 19   | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 20   | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 20   | 10     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 20   | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 20   | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 20   | 40     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 20   | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 21   | 0      | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 21   | 10     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 21   | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 21   | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 21   | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 21   | 50     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 22   | 0      | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 22   | 10     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 22   | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 22   | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 22   | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 22   | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 23   | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 23   | 10     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12      |
| 2009 | 6     | 28  | 23   | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 23   | 30     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 23   | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 23   | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 0    | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 29  | 0    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 0    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 0    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 0    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 0    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 20     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 1    | 50     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 10     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 2    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 10     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 3    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 4    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 4    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 4    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 4    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 4    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 4    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 5    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 5    | 10     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 5    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 5    | 30     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 5    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 5    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 6    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 6    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 6    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 6    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 6    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 6    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 7    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 7    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 7    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 7    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 7    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 7    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 8    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 29  | 8    | 10     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 8    | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 8    | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 8    | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 8    | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 9    | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 9    | 10     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 9    | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 9    | 30     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12      |
| 2009 | 6     | 29  | 9    | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 9    | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 10   | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 10   | 10     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 10   | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 10   | 30     | 50     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 10   | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 10   | 50     | 50     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 11   | 0      | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 11   | 10     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 11   | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 11   | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 11   | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 11   | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 12   | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 12   | 10     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 12   | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 12   | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 12   | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 12   | 50     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 13   | 0      | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 13   | 10     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 13   | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 13   | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 13   | 40     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 13   | 50     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 14   | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 14   | 10     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 14   | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 14   | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 14   | 40     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 14   | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 15   | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 15   | 10     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 15   | 20     | 50     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 15   | 30     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 15   | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 15   | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 16   | 0      | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12.2    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 29  | 16   | 10     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 16   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 16   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 16   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 16   | 50     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 17   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 17   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 17   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 17   | 30     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 17   | 40     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 17   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 20     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 40     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 19   | 0      | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 19   | 10     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 19   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 19   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 19   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 19   | 50     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 20   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 20   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 20   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 20   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 20   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 20   | 50     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 21   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 21   | 10     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 21   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 21   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 21   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 21   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 22   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 22   | 10     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 22   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 22   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 22   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 22   | 50     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 0      | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 30     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 12      |
| 2009 | 6     | 29  | 23   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 0    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 30  | 0    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 0    | 20     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 0    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 0    | 40     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 0    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.55       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 1    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 2    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 2    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 2    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 2    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 2    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 2    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 3    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 3    | 10     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 3    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 3    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 3    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 3    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 4    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 4    | 10     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 4    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 4    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 4    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 4    | 50     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 5    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 5    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 5    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 5    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 5    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 5    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 6    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 6    | 10     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 6    | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 6    | 30     | 50     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 6    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 6    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 7    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 7    | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 7    | 20     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 7    | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 7    | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 7    | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 8    | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 30  | 8    | 10     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 8    | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 8    | 30     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 8    | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 8    | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 9    | 0      | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 9    | 10     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 9    | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 9    | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 9    | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 9    | 50     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 10   | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 10   | 10     | 50     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 10   | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 10   | 30     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 10   | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 10   | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 11   | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 11   | 10     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 11   | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 11   | 30     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 11   | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 11   | 50     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 12   | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 12   | 10     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 12   | 20     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 12   | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 12   | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 12   | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 13   | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 13   | 10     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 13   | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 13   | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 13   | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 13   | 50     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 14   | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 14   | 10     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 14   | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 14   | 30     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 14   | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 14   | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 15   | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 15   | 10     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 15   | 20     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.17       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 15   | 30     | 50     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 15   | 40     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 15   | 50     | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 16   | 0      | 50     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 30  | 16   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 16   | 20     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 16   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 16   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 16   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 17   | 0      | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 17   | 10     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 17   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 17   | 30     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 17   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 17   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 19   | 0      | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 19   | 10     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 19   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 19   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 19   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 19   | 50     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 20   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 20   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 20   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 20   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 20   | 40     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 20   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 21   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 21   | 10     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 21   | 20     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 21   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 21   | 40     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 21   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 22   | 0      | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 22   | 10     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 22   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 22   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 22   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 22   | 50     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 0      | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 10     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 20     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 30     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 40     | 50     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 23   | 50     | 50     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 1   | 0    | 7      | 17     | 0.3       | 3.6     | 1.12  | 93.5      | 23.1457 | 22.777  |
| 2009 | 6     | 1   | 0    | 17     | 17     | 0.3       | 3.6     | 1.14  | 93.6      | 23.1457 | 23.3192 |
| 2009 | 6     | 1   | 0    | 27     | 17     | 0.3       | 3.6     | 1.12  | 92.4      | 23.1457 | 22.8448 |
| 2009 | 6     | 1   | 0    | 37     | 17     | 0.3       | 3.6     | 1.11  | 90.9      | 23.1457 | 22.5738 |
| 2009 | 6     | 1   | 0    | 47     | 17     | 0.3       | 3.6     | 1.11  | 91.7      | 23.1457 | 22.7093 |
| 2009 | 6     | 1   | 0    | 57     | 17     | 0.3       | 3.6     | 1.13  | 93.3      | 23.1457 | 23.1159 |
| 2009 | 6     | 1   | 1    | 7      | 17     | 0.3       | 3.6     | 1.14  | 94.3      | 23.1457 | 23.1836 |
| 2009 | 6     | 1   | 1    | 17     | 17     | 0.3       | 3.6     | 1.13  | 92.8      | 23.1457 | 23.1159 |
| 2009 | 6     | 1   | 1    | 27     | 17     | 0.3       | 3.6     | 1.15  | 91.6      | 23.1457 | 23.387  |
| 2009 | 6     | 1   | 1    | 37     | 17     | 0.3       | 3.6     | 1.15  | 93.3      | 23.1457 | 23.4547 |
| 2009 | 6     | 1   | 1    | 47     | 17     | 0.3       | 3.6     | 1.17  | 92.7      | 23.1457 | 23.7937 |
| 2009 | 6     | 1   | 1    | 57     | 17     | 0.3       | 3.6     | 1.17  | 91.4      | 23.1457 | 23.997  |
| 2009 | 6     | 1   | 2    | 7      | 17     | 0.3       | 3.6     | 1.16  | 92.6      | 23.1457 | 23.7259 |
| 2009 | 6     | 1   | 2    | 17     | 17     | 0.3       | 3.6     | 1.12  | 92        | 23.1457 | 22.8448 |
| 2009 | 6     | 1   | 2    | 27     | 17     | 0.3       | 3.6     | 1.14  | 92.6      | 23.1457 | 23.1836 |
| 2009 | 6     | 1   | 2    | 37     | 17     | 0.3       | 3.6     | 1.13  | 93.2      | 23.1457 | 23.0481 |
| 2009 | 6     | 1   | 2    | 47     | 17     | 0.3       | 3.6     | 1.12  | 92.7      | 23.1457 | 22.8448 |
| 2009 | 6     | 1   | 2    | 57     | 17     | 0.3       | 3.6     | 1.14  | 92.3      | 23.1684 | 23.3427 |
| 2009 | 6     | 1   | 3    | 7      | 17     | 0.3       | 3.6     | 1.15  | 92.1      | 23.1684 | 23.4106 |
| 2009 | 6     | 1   | 3    | 17     | 17     | 0.3       | 3.6     | 1.12  | 93.5      | 23.1684 | 22.9357 |
| 2009 | 6     | 1   | 3    | 27     | 17     | 0.3       | 3.6     | 1.17  | 92.4      | 23.1684 | 23.8177 |
| 2009 | 6     | 1   | 3    | 37     | 17     | 0.3       | 3.6     | 1.16  | 91.5      | 23.1684 | 23.6141 |
| 2009 | 6     | 1   | 3    | 47     | 17     | 0.3       | 3.6     | 1.14  | 93.8      | 23.1684 | 23.2749 |
| 2009 | 6     | 1   | 3    | 57     | 17     | 0.3       | 3.6     | 1.13  | 92.2      | 23.1684 | 23.0714 |
| 2009 | 6     | 1   | 4    | 7      | 17     | 0.3       | 3.6     | 1.14  | 92.3      | 23.1911 | 23.2304 |
| 2009 | 6     | 1   | 4    | 17     | 17     | 0.3       | 3.6     | 1.14  | 93.6      | 23.1911 | 23.3663 |
| 2009 | 6     | 1   | 4    | 27     | 17     | 0.3       | 3.6     | 1.13  | 91.7      | 23.2137 | 23.1859 |
| 2009 | 6     | 1   | 4    | 37     | 17     | 0.3       | 3.6     | 1.15  | 92.3      | 23.2137 | 23.4578 |
| 2009 | 6     | 1   | 4    | 47     | 17     | 0.3       | 3.6     | 1.1   | 93.1      | 23.2364 | 22.4609 |
| 2009 | 6     | 1   | 4    | 57     | 17     | 0.3       | 3.6     | 1.12  | 93.2      | 23.2364 | 22.9371 |
| 2009 | 6     | 1   | 5    | 7      | 17     | 0.3       | 3.6     | 1.14  | 92.6      | 23.2137 | 23.2539 |
| 2009 | 6     | 1   | 5    | 17     | 17     | 0.3       | 3.6     | 1.12  | 92.2      | 23.2137 | 22.914  |
| 2009 | 6     | 1   | 5    | 27     | 17     | 0.3       | 3.6     | 1.13  | 91        | 23.2364 | 23.0731 |
| 2009 | 6     | 1   | 5    | 37     | 17     | 0.3       | 3.6     | 1.13  | 91.2      | 23.2364 | 23.0731 |
| 2009 | 6     | 1   | 5    | 47     | 17     | 0.3       | 3.6     | 1.14  | 91.8      | 23.2364 | 23.3453 |
| 2009 | 6     | 1   | 5    | 57     | 17     | 0.3       | 3.6     | 1.14  | 91.3      | 23.2364 | 23.3453 |
| 2009 | 6     | 1   | 6    | 7      | 17     | 0.3       | 3.6     | 1.14  | 91.5      | 23.259  | 23.3007 |
| 2009 | 6     | 1   | 6    | 17     | 17     | 0.3       | 3.6     | 1.15  | 93.3      | 23.259  | 23.5731 |
| 2009 | 6     | 1   | 6    | 27     | 17     | 0.3       | 3.6     | 1.11  | 92.9      | 23.259  | 22.7558 |
| 2009 | 6     | 1   | 6    | 37     | 17     | 0.3       | 3.6     | 1.16  | 92.9      | 23.259  | 23.7775 |
| 2009 | 6     | 1   | 6    | 47     | 17     | 0.3       | 3.6     | 1.15  | 92.1      | 23.259  | 23.5731 |
| 2009 | 6     | 1   | 6    | 57     | 17     | 0.3       | 3.6     | 1.17  | 93.4      | 23.259  | 23.9138 |
| 2009 | 6     | 1   | 7    | 7      | 17     | 0.3       | 3.6     | 1.13  | 93        | 23.259  | 23.0963 |
| 2009 | 6     | 1   | 7    | 17     | 17     | 0.3       | 3.6     | 1.14  | 93.5      | 23.259  | 23.4369 |
| 2009 | 6     | 1   | 7    | 27     | 17     | 0.3       | 3.6     | 1.13  | 92.8      | 23.259  | 23.1644 |
| 2009 | 6     | 1   | 7    | 37     | 17     | 0.3       | 3.6     | 1.11  | 93.9      | 23.259  | 22.6877 |
| 2009 | 6     | 1   | 7    | 47     | 17     | 0.3       | 3.6     | 1.13  | 92.2      | 23.259  | 23.0963 |
| 2009 | 6     | 1   | 7    | 57     | 17     | 0.3       | 3.6     | 1.14  | 91.5      | 23.259  | 23.3688 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 1   | 8    | 7      | 17     | 0.3       | 3.6     | 1.1   | 92.2      | 23.259  | 22.6196 |
| 2009 | 6     | 1   | 8    | 17     | 17     | 0.3       | 3.6     | 1.13  | 94        | 23.259  | 23.1644 |
| 2009 | 6     | 1   | 8    | 27     | 17     | 0.3       | 3.6     | 1.12  | 93        | 23.259  | 23.0282 |
| 2009 | 6     | 1   | 8    | 37     | 17     | 0.3       | 3.6     | 1.11  | 94        | 23.259  | 22.8239 |
| 2009 | 6     | 1   | 8    | 47     | 17     | 0.3       | 3.6     | 1.16  | 93.7      | 23.2817 | 23.8014 |
| 2009 | 6     | 1   | 8    | 57     | 17     | 0.3       | 3.6     | 1.17  | 92.6      | 23.259  | 23.9819 |
| 2009 | 6     | 1   | 9    | 7      | 17     | 0.3       | 3.6     | 1.16  | 92.6      | 23.259  | 23.7094 |
| 2009 | 6     | 1   | 9    | 17     | 17     | 0.3       | 3.6     | 1.13  | 91.5      | 23.2817 | 23.1195 |
| 2009 | 6     | 1   | 9    | 27     | 17     | 0.3       | 3.6     | 1.15  | 92.3      | 23.259  | 23.6412 |
| 2009 | 6     | 1   | 9    | 37     | 17     | 0.3       | 3.6     | 1.17  | 91.3      | 23.259  | 24.05   |
| 2009 | 6     | 1   | 9    | 47     | 17     | 0.3       | 3.6     | 1.15  | 92.1      | 23.259  | 23.5731 |
| 2009 | 6     | 1   | 9    | 57     | 17     | 0.3       | 3.6     | 1.14  | 92.1      | 23.259  | 23.3688 |
| 2009 | 6     | 1   | 10   | 7      | 17     | 0.3       | 3.6     | 1.15  | 92.1      | 23.2817 | 23.5968 |
| 2009 | 6     | 1   | 10   | 17     | 17     | 0.3       | 3.6     | 1.11  | 90.7      | 23.259  | 22.8239 |
| 2009 | 6     | 1   | 10   | 27     | 17     | 0.3       | 3.6     | 1.15  | 92.1      | 23.259  | 23.6412 |
| 2009 | 6     | 1   | 10   | 37     | 17     | 0.3       | 3.6     | 1.15  | 89.5      | 23.259  | 23.505  |
| 2009 | 6     | 1   | 10   | 47     | 17     | 0.3       | 3.6     | 1.14  | 90.7      | 23.259  | 23.4369 |
| 2009 | 6     | 1   | 10   | 57     | 17     | 0.3       | 3.6     | 1.15  | 90.8      | 23.259  | 23.7094 |
| 2009 | 6     | 1   | 11   | 7      | 17     | 0.3       | 3.6     | 1.12  | 92.9      | 23.2364 | 22.869  |
| 2009 | 6     | 1   | 11   | 17     | 17     | 0.3       | 3.6     | 1.13  | 91.7      | 23.2364 | 23.1412 |
| 2009 | 6     | 1   | 11   | 27     | 17     | 0.3       | 3.6     | 1.12  | 92.2      | 23.2137 | 22.982  |
| 2009 | 6     | 1   | 11   | 37     | 17     | 0.3       | 3.6     | 1.15  | 92.9      | 23.2137 | 23.5258 |
| 2009 | 6     | 1   | 11   | 47     | 17     | 0.3       | 3.6     | 1.15  | 92.5      | 23.2137 | 23.5258 |
| 2009 | 6     | 1   | 11   | 57     | 17     | 0.3       | 3.6     | 1.13  | 90.5      | 23.1911 | 23.0267 |
| 2009 | 6     | 1   | 12   | 7      | 17     | 0.3       | 3.6     | 1.13  | 91.8      | 23.1911 | 23.1625 |
| 2009 | 6     | 1   | 12   | 17     | 17     | 0.3       | 3.6     | 1.13  | 92        | 23.1911 | 23.0267 |
| 2009 | 6     | 1   | 12   | 27     | 17     | 0.3       | 3.6     | 1.13  | 90.7      | 23.1911 | 23.0267 |
| 2009 | 6     | 1   | 12   | 37     | 17     | 0.3       | 3.6     | 1.14  | 90.2      | 23.1911 | 23.2984 |
| 2009 | 6     | 1   | 12   | 47     | 17     | 0.3       | 3.6     | 1.1   | 90        | 23.1911 | 22.5515 |
| 2009 | 6     | 1   | 12   | 57     | 17     | 0.3       | 3.6     | 1.09  | 91.7      | 23.1911 | 22.2121 |
| 2009 | 6     | 1   | 13   | 7      | 17     | 0.3       | 3.6     | 1.13  | 90        | 23.1911 | 23.0946 |
| 2009 | 6     | 1   | 13   | 17     | 17     | 0.3       | 3.6     | 1.15  | 90.8      | 23.1911 | 23.4342 |
| 2009 | 6     | 1   | 13   | 27     | 17     | 0.3       | 3.6     | 1.12  | 93        | 23.1911 | 22.8909 |
| 2009 | 6     | 1   | 13   | 37     | 17     | 0.3       | 3.6     | 1.16  | 92.1      | 23.1911 | 23.7059 |
| 2009 | 6     | 1   | 13   | 47     | 17     | 0.3       | 3.6     | 1.12  | 92.7      | 23.1911 | 22.823  |
| 2009 | 6     | 1   | 13   | 57     | 17     | 0.3       | 3.6     | 1.12  | 92.2      | 23.1911 | 22.9588 |
| 2009 | 6     | 1   | 14   | 7      | 17     | 0.3       | 3.6     | 1.14  | 91.5      | 23.1684 | 23.2749 |
| 2009 | 6     | 1   | 14   | 17     | 17     | 0.3       | 3.6     | 1.13  | 93.2      | 23.1684 | 23.1392 |
| 2009 | 6     | 1   | 14   | 27     | 17     | 0.3       | 3.6     | 1.14  | 90.3      | 23.1684 | 23.207  |
| 2009 | 6     | 1   | 14   | 37     | 17     | 0.3       | 3.6     | 1.14  | 92.3      | 23.1911 | 23.2304 |
| 2009 | 6     | 1   | 14   | 47     | 17     | 0.3       | 3.6     | 1.09  | 91        | 23.1684 | 22.2575 |
| 2009 | 6     | 1   | 14   | 57     | 17     | 0.3       | 3.6     | 1.12  | 92.4      | 23.1911 | 22.8909 |
| 2009 | 6     | 1   | 15   | 7      | 17     | 0.3       | 3.6     | 1.14  | 90        | 23.1684 | 23.207  |
| 2009 | 6     | 1   | 15   | 17     | 17     | 0.3       | 3.6     | 1.11  | 91        | 23.1684 | 22.5966 |
| 2009 | 6     | 1   | 15   | 27     | 17     | 0.3       | 3.6     | 1.16  | 93.6      | 23.1684 | 23.6141 |
| 2009 | 6     | 1   | 15   | 37     | 17     | 0.3       | 3.6     | 1.12  | 91.3      | 23.1684 | 22.8679 |
| 2009 | 6     | 1   | 15   | 47     | 17     | 0.3       | 3.6     | 1.15  | 93.3      | 23.1684 | 23.4106 |
| 2009 | 6     | 1   | 15   | 57     | 17     | 0.3       | 3.6     | 1.12  | 91.3      | 23.1684 | 22.9357 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 1   | 16   | 7      | 17     | 0.3       | 3.6     | 1.15  | 89.8      | 23.1684 | 23.4784 |
| 2009 | 6     | 1   | 16   | 17     | 17     | 0.3       | 3.6     | 1.13  | 92.2      | 23.1684 | 23.1392 |
| 2009 | 6     | 1   | 16   | 27     | 17     | 0.3       | 3.6     | 1.12  | 92.7      | 23.1684 | 22.9357 |
| 2009 | 6     | 1   | 16   | 37     | 17     | 0.3       | 3.6     | 1.14  | 92.1      | 23.1684 | 23.2749 |
| 2009 | 6     | 1   | 16   | 47     | 17     | 0.3       | 3.6     | 1.13  | 92        | 23.1684 | 23.0035 |
| 2009 | 6     | 1   | 16   | 57     | 17     | 0.3       | 3.6     | 1.16  | 92.6      | 23.1684 | 23.6141 |
| 2009 | 6     | 1   | 17   | 7      | 17     | 0.3       | 3.6     | 1.15  | 92.5      | 23.1684 | 23.4106 |
| 2009 | 6     | 1   | 17   | 17     | 17     | 0.3       | 3.6     | 1.13  | 92.7      | 23.1684 | 23.0714 |
| 2009 | 6     | 1   | 17   | 27     | 17     | 0.3       | 3.6     | 1.12  | 92.2      | 23.1684 | 22.9357 |
| 2009 | 6     | 1   | 17   | 37     | 17     | 0.3       | 3.6     | 1.12  | 91.3      | 23.1684 | 22.8    |
| 2009 | 6     | 1   | 17   | 47     | 17     | 0.3       | 3.6     | 1.15  | 91.3      | 23.1684 | 23.4784 |
| 2009 | 6     | 1   | 17   | 57     | 17     | 0.3       | 3.6     | 1.12  | 92.5      | 23.1684 | 22.8679 |
| 2009 | 6     | 1   | 18   | 7      | 17     | 0.3       | 3.6     | 1.13  | 91.7      | 23.1684 | 23.0035 |
| 2009 | 6     | 1   | 18   | 17     | 17     | 0.3       | 3.6     | 1.09  | 91.7      | 23.1684 | 22.1897 |
| 2009 | 6     | 1   | 18   | 27     | 17     | 0.3       | 3.6     | 1.15  | 92.8      | 23.1684 | 23.5463 |
| 2009 | 6     | 1   | 18   | 37     | 17     | 0.3       | 3.6     | 1.11  | 92.9      | 23.1684 | 22.7322 |
| 2009 | 6     | 1   | 18   | 47     | 17     | 0.3       | 3.6     | 1.13  | 92        | 23.1684 | 23.0714 |
| 2009 | 6     | 1   | 18   | 57     | 17     | 0.3       | 3.6     | 1.14  | 91.2      | 23.1684 | 23.2749 |
| 2009 | 6     | 1   | 19   | 7      | 17     | 0.3       | 3.6     | 1.14  | 92.8      | 23.1684 | 23.2749 |
| 2009 | 6     | 1   | 19   | 17     | 17     | 0.3       | 3.6     | 1.15  | 92.6      | 23.1684 | 23.5463 |
| 2009 | 6     | 1   | 19   | 27     | 17     | 0.3       | 3.6     | 1.12  | 94.5      | 23.1684 | 22.8679 |
| 2009 | 6     | 1   | 19   | 37     | 17     | 0.3       | 3.6     | 1.12  | 92.8      | 23.1457 | 22.9126 |
| 2009 | 6     | 1   | 19   | 47     | 17     | 0.3       | 3.6     | 1.12  | 91.3      | 23.1684 | 22.9357 |
| 2009 | 6     | 1   | 19   | 57     | 17     | 0.3       | 3.6     | 1.16  | 92        | 23.1684 | 23.6141 |
| 2009 | 6     | 1   | 20   | 7      | 17     | 0.3       | 3.6     | 1.14  | 91.5      | 23.1457 | 23.1836 |
| 2009 | 6     | 1   | 20   | 17     | 17     | 0.3       | 3.6     | 1.11  | 91.9      | 23.1457 | 22.6415 |
| 2009 | 6     | 1   | 20   | 27     | 17     | 0.3       | 3.6     | 1.13  | 92.2      | 23.1684 | 23.0035 |
| 2009 | 6     | 1   | 20   | 37     | 17     | 0.3       | 3.6     | 1.1   | 90.9      | 23.1684 | 22.5288 |
| 2009 | 6     | 1   | 20   | 47     | 17     | 0.3       | 3.6     | 1.15  | 92.4      | 23.1457 | 23.5225 |
| 2009 | 6     | 1   | 20   | 57     | 17     | 0.3       | 3.6     | 1.14  | 91.3      | 23.1684 | 23.2749 |
| 2009 | 6     | 1   | 21   | 7      | 17     | 0.3       | 3.6     | 1.12  | 92.3      | 23.1684 | 22.9357 |
| 2009 | 6     | 1   | 21   | 17     | 17     | 0.3       | 3.6     | 1.14  | 90.7      | 23.1457 | 23.3192 |
| 2009 | 6     | 1   | 21   | 27     | 17     | 0.3       | 3.6     | 1.16  | 92.3      | 23.1684 | 23.682  |
| 2009 | 6     | 1   | 21   | 37     | 17     | 0.3       | 3.6     | 1.13  | 92.7      | 23.1684 | 23.1392 |
| 2009 | 6     | 1   | 21   | 47     | 17     | 0.3       | 3.6     | 1.14  | 92.6      | 23.1684 | 23.207  |
| 2009 | 6     | 1   | 21   | 57     | 17     | 0.3       | 3.6     | 1.17  | 92.4      | 23.1684 | 23.8177 |
| 2009 | 6     | 1   | 22   | 7      | 17     | 0.3       | 3.6     | 1.13  | 93.3      | 23.1684 | 23.0714 |
| 2009 | 6     | 1   | 22   | 17     | 17     | 0.3       | 3.6     | 1.14  | 91.5      | 23.1684 | 23.207  |
| 2009 | 6     | 1   | 22   | 27     | 17     | 0.3       | 3.6     | 1.13  | 92.7      | 23.1684 | 23.1392 |
| 2009 | 6     | 1   | 22   | 37     | 17     | 0.3       | 3.6     | 1.12  | 92.2      | 23.1684 | 22.9357 |
| 2009 | 6     | 1   | 22   | 47     | 17     | 0.3       | 3.6     | 1.12  | 91.5      | 23.1684 | 22.9357 |
| 2009 | 6     | 1   | 22   | 57     | 17     | 0.3       | 3.6     | 1.14  | 91.8      | 23.1684 | 23.3427 |
| 2009 | 6     | 1   | 23   | 7      | 17     | 0.3       | 3.6     | 1.09  | 94.7      | 23.1684 | 22.1219 |
| 2009 | 6     | 1   | 23   | 17     | 17     | 0.3       | 3.6     | 1.11  | 92.5      | 23.1684 | 22.7322 |
| 2009 | 6     | 1   | 23   | 27     | 17     | 0.3       | 3.6     | 1.12  | 92.9      | 23.1684 | 22.8679 |
| 2009 | 6     | 1   | 23   | 37     | 17     | 0.3       | 3.6     | 1.17  | 93.7      | 23.1684 | 23.8177 |
| 2009 | 6     | 1   | 23   | 47     | 17     | 0.3       | 3.6     | 1.14  | 91.7      | 23.1684 | 23.207  |
| 2009 | 6     | 1   | 23   | 57     | 17     | 0.3       | 3.6     | 1.12  | 93.7      | 23.1911 | 22.8909 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 2   | 0    | 7      | 17     | 0.3       | 3.6     | 1.17  | 92.4      | 23.1911 | 23.9776 |
| 2009 | 6     | 2   | 0    | 17     | 17     | 0.3       | 3.6     | 1.12  | 91.8      | 23.1911 | 22.8909 |
| 2009 | 6     | 2   | 0    | 27     | 17     | 0.3       | 3.6     | 1.1   | 93.9      | 23.1911 | 22.5515 |
| 2009 | 6     | 2   | 0    | 37     | 17     | 0.3       | 3.6     | 1.14  | 93.5      | 23.1911 | 23.3663 |
| 2009 | 6     | 2   | 0    | 47     | 17     | 0.3       | 3.6     | 1.09  | 90.3      | 23.1911 | 22.3478 |
| 2009 | 6     | 2   | 0    | 57     | 17     | 0.3       | 3.6     | 1.14  | 92.2      | 23.1911 | 23.2304 |
| 2009 | 6     | 2   | 1    | 7      | 17     | 0.3       | 3.6     | 1.17  | 90        | 23.2137 | 24.0697 |
| 2009 | 6     | 2   | 1    | 17     | 17     | 0.3       | 3.6     | 1.12  | 92.5      | 23.2137 | 22.846  |
| 2009 | 6     | 2   | 1    | 27     | 17     | 0.3       | 3.6     | 1.12  | 93        | 23.2364 | 22.9371 |
| 2009 | 6     | 2   | 1    | 37     | 17     | 0.3       | 3.6     | 1.16  | 92.8      | 23.2364 | 23.6856 |
| 2009 | 6     | 2   | 1    | 47     | 17     | 0.3       | 3.6     | 1.12  | 91.3      | 23.259  | 22.9601 |
| 2009 | 6     | 2   | 1    | 57     | 17     | 0.3       | 3.6     | 1.16  | 91.9      | 23.259  | 23.7775 |
| 2009 | 6     | 2   | 2    | 7      | 17     | 0.3       | 3.6     | 1.14  | 91.5      | 23.259  | 23.3007 |
| 2009 | 6     | 2   | 2    | 17     | 17     | 0.3       | 3.6     | 1.11  | 91.2      | 23.259  | 22.6877 |
| 2009 | 6     | 2   | 2    | 27     | 17     | 0.3       | 3.6     | 1.14  | 91.3      | 23.259  | 23.3688 |
| 2009 | 6     | 2   | 2    | 37     | 17     | 0.3       | 3.6     | 1.09  | 92.2      | 23.259  | 22.3473 |
| 2009 | 6     | 2   | 2    | 47     | 17     | 0.3       | 3.6     | 1.13  | 92.3      | 23.259  | 23.0963 |
| 2009 | 6     | 2   | 2    | 57     | 17     | 0.3       | 3.6     | 1.11  | 90.7      | 23.259  | 22.6877 |
| 2009 | 6     | 2   | 3    | 7      | 17     | 0.3       | 3.6     | 1.11  | 92.2      | 23.259  | 22.6877 |
| 2009 | 6     | 2   | 3    | 17     | 17     | 0.3       | 3.6     | 1.13  | 92.3      | 23.2817 | 23.1195 |
| 2009 | 6     | 2   | 3    | 27     | 17     | 0.3       | 3.6     | 1.14  | 91.7      | 23.2817 | 23.3922 |
| 2009 | 6     | 2   | 3    | 37     | 17     | 0.3       | 3.6     | 1.11  | 92.9      | 23.2817 | 22.8469 |
| 2009 | 6     | 2   | 3    | 47     | 17     | 0.3       | 3.6     | 1.15  | 92.1      | 23.2817 | 23.5968 |
| 2009 | 6     | 2   | 3    | 57     | 17     | 0.3       | 3.6     | 1.15  | 92.1      | 23.2817 | 23.5286 |
| 2009 | 6     | 2   | 4    | 7      | 17     | 0.3       | 3.6     | 1.14  | 95        | 23.2817 | 23.3241 |
| 2009 | 6     | 2   | 4    | 17     | 17     | 0.3       | 3.6     | 1.14  | 93.1      | 23.2817 | 23.3241 |
| 2009 | 6     | 2   | 4    | 27     | 17     | 0.3       | 3.6     | 1.17  | 93.7      | 23.2817 | 23.9378 |
| 2009 | 6     | 2   | 4    | 37     | 17     | 0.3       | 3.6     | 1.13  | 92.5      | 23.2817 | 23.2559 |
| 2009 | 6     | 2   | 4    | 47     | 17     | 0.3       | 3.6     | 1.12  | 93.2      | 23.2817 | 22.9832 |
| 2009 | 6     | 2   | 4    | 57     | 17     | 0.3       | 3.6     | 1.13  | 93.2      | 23.2817 | 23.1877 |
| 2009 | 6     | 2   | 5    | 7      | 17     | 0.3       | 3.6     | 1.14  | 93        | 23.2817 | 23.4604 |
| 2009 | 6     | 2   | 5    | 17     | 17     | 0.3       | 3.6     | 1.15  | 92        | 23.3043 | 23.6205 |
| 2009 | 6     | 2   | 5    | 27     | 17     | 0.3       | 3.6     | 1.15  | 91.5      | 23.2817 | 23.5968 |
| 2009 | 6     | 2   | 5    | 37     | 17     | 0.3       | 3.6     | 1.13  | 92.2      | 23.3043 | 23.2792 |
| 2009 | 6     | 2   | 5    | 47     | 17     | 0.3       | 3.6     | 1.16  | 93.1      | 23.3043 | 23.8935 |
| 2009 | 6     | 2   | 5    | 57     | 17     | 0.3       | 3.6     | 1.15  | 93.4      | 23.3043 | 23.6887 |
| 2009 | 6     | 2   | 6    | 7      | 17     | 0.3       | 3.6     | 1.16  | 91.9      | 23.3043 | 23.8252 |
| 2009 | 6     | 2   | 6    | 17     | 17     | 0.3       | 3.6     | 1.14  | 91.8      | 23.3043 | 23.3475 |
| 2009 | 6     | 2   | 6    | 27     | 17     | 0.3       | 3.6     | 1.13  | 91.5      | 23.3043 | 23.211  |
| 2009 | 6     | 2   | 6    | 37     | 17     | 0.3       | 3.6     | 1.14  | 90.7      | 23.3043 | 23.3475 |
| 2009 | 6     | 2   | 6    | 47     | 17     | 0.3       | 3.6     | 1.15  | 91.5      | 23.3043 | 23.5522 |
| 2009 | 6     | 2   | 6    | 57     | 17     | 0.3       | 3.6     | 1.14  | 90.3      | 23.3043 | 23.3475 |
| 2009 | 6     | 2   | 7    | 7      | 17     | 0.3       | 3.6     | 1.13  | 92.8      | 23.3043 | 23.1427 |
| 2009 | 6     | 2   | 7    | 17     | 17     | 0.3       | 3.6     | 1.13  | 93        | 23.3043 | 23.2792 |
| 2009 | 6     | 2   | 7    | 27     | 17     | 0.3       | 3.6     | 1.14  | 92.8      | 23.3043 | 23.4157 |
| 2009 | 6     | 2   | 7    | 37     | 17     | 0.3       | 3.6     | 1.16  | 92.6      | 23.3043 | 23.8935 |
| 2009 | 6     | 2   | 7    | 47     | 17     | 0.3       | 3.6     | 1.12  | 92.5      | 23.3043 | 22.938  |
| 2009 | 6     | 2   | 7    | 57     | 17     | 0.3       | 3.6     | 1.13  | 91.2      | 23.3043 | 23.2792 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 2   | 8    | 7      | 17     | 0.3       | 3.6     | 1.14  | 90.8      | 23.3043 | 23.484  |
| 2009 | 6     | 2   | 8    | 17     | 17     | 0.3       | 3.6     | 1.14  | 93.1      | 23.3043 | 23.3475 |
| 2009 | 6     | 2   | 8    | 27     | 17     | 0.3       | 3.6     | 1.13  | 92.8      | 23.3043 | 23.1427 |
| 2009 | 6     | 2   | 8    | 37     | 17     | 0.3       | 3.6     | 1.15  | 92.9      | 23.327  | 23.6441 |
| 2009 | 6     | 2   | 8    | 47     | 17     | 0.3       | 3.6     | 1.14  | 92.2      | 23.327  | 23.3708 |
| 2009 | 6     | 2   | 8    | 57     | 17     | 0.3       | 3.6     | 1.15  | 93.1      | 23.327  | 23.7125 |
| 2009 | 6     | 2   | 9    | 7      | 17     | 0.3       | 3.6     | 1.14  | 91.8      | 23.327  | 23.3708 |
| 2009 | 6     | 2   | 9    | 17     | 17     | 0.3       | 3.6     | 1.13  | 92.8      | 23.327  | 23.1659 |
| 2009 | 6     | 2   | 9    | 27     | 17     | 0.3       | 3.6     | 1.17  | 92.4      | 23.327  | 23.9858 |
| 2009 | 6     | 2   | 9    | 37     | 17     | 0.3       | 3.6     | 1.14  | 93        | 23.327  | 23.4392 |
| 2009 | 6     | 2   | 9    | 47     | 17     | 0.3       | 3.6     | 1.16  | 93.6      | 23.327  | 23.9174 |
| 2009 | 6     | 2   | 9    | 57     | 17     | 0.3       | 3.6     | 1.13  | 91.2      | 23.327  | 23.1659 |
| 2009 | 6     | 2   | 10   | 7      | 17     | 0.3       | 3.6     | 1.16  | 92.9      | 23.327  | 23.7808 |
| 2009 | 6     | 2   | 10   | 17     | 17     | 0.3       | 3.6     | 1.14  | 91.8      | 23.327  | 23.3708 |
| 2009 | 6     | 2   | 10   | 27     | 17     | 0.3       | 3.6     | 1.13  | 92.3      | 23.327  | 23.1659 |
| 2009 | 6     | 2   | 10   | 37     | 17     | 0.3       | 3.6     | 1.14  | 91.5      | 23.3496 | 23.3942 |
| 2009 | 6     | 2   | 10   | 47     | 17     | 0.3       | 3.6     | 1.15  | 91        | 23.3496 | 23.5994 |
| 2009 | 6     | 2   | 10   | 57     | 17     | 0.3       | 3.6     | 1.14  | 91.5      | 23.3496 | 23.3942 |
| 2009 | 6     | 2   | 11   | 7      | 17     | 0.3       | 3.6     | 1.15  | 91.1      | 23.3496 | 23.5994 |
| 2009 | 6     | 2   | 11   | 17     | 17     | 0.3       | 3.6     | 1.15  | 91.1      | 23.3496 | 23.5994 |
| 2009 | 6     | 2   | 11   | 27     | 17     | 0.3       | 3.6     | 1.14  | 92.3      | 23.3496 | 23.3942 |
| 2009 | 6     | 2   | 11   | 37     | 17     | 0.3       | 3.6     | 1.13  | 91.2      | 23.3496 | 23.2575 |
| 2009 | 6     | 2   | 11   | 47     | 17     | 0.3       | 3.6     | 1.14  | 91        | 23.3496 | 23.4626 |
| 2009 | 6     | 2   | 11   | 57     | 17     | 0.3       | 3.6     | 1.17  | 91        | 23.3496 | 24.215  |
| 2009 | 6     | 2   | 12   | 7      | 17     | 0.3       | 3.6     | 1.14  | 90.3      | 23.3496 | 23.3942 |
| 2009 | 6     | 2   | 12   | 17     | 17     | 0.3       | 3.6     | 1.15  | 90.8      | 23.3496 | 23.8046 |
| 2009 | 6     | 2   | 12   | 27     | 17     | 0.3       | 3.6     | 1.14  | 89.5      | 23.3496 | 23.531  |
| 2009 | 6     | 2   | 12   | 37     | 17     | 0.3       | 3.6     | 1.18  | 90.5      | 23.3496 | 24.2834 |
| 2009 | 6     | 2   | 12   | 47     | 17     | 0.3       | 3.6     | 1.1   | 92.9      | 23.3496 | 22.5738 |
| 2009 | 6     | 2   | 12   | 57     | 17     | 0.3       | 3.6     | 1.15  | 90.5      | 23.3496 | 23.6678 |
| 2009 | 6     | 2   | 13   | 7      | 17     | 0.3       | 3.6     | 1.17  | 90        | 23.3496 | 24.0782 |
| 2009 | 6     | 2   | 13   | 17     | 17     | 0.3       | 3.6     | 1.17  | 91.9      | 23.3496 | 24.0782 |
| 2009 | 6     | 2   | 13   | 27     | 17     | 0.3       | 3.6     | 1.16  | 92.1      | 23.3723 | 23.8284 |
| 2009 | 6     | 2   | 13   | 37     | 17     | 0.3       | 3.6     | 1.15  | 90.3      | 23.3723 | 23.623  |
| 2009 | 6     | 2   | 13   | 47     | 17     | 0.3       | 3.6     | 1.14  | 91.2      | 23.3496 | 23.531  |
| 2009 | 6     | 2   | 13   | 57     | 17     | 0.3       | 3.6     | 1.15  | 91.8      | 23.3496 | 23.6678 |
| 2009 | 6     | 2   | 14   | 7      | 17     | 0.3       | 3.6     | 1.16  | 91.9      | 23.3496 | 23.9414 |
| 2009 | 6     | 2   | 14   | 17     | 17     | 0.3       | 3.6     | 1.13  | 91.3      | 23.3723 | 23.3492 |
| 2009 | 6     | 2   | 14   | 27     | 17     | 0.3       | 3.6     | 1.16  | 91.5      | 23.3496 | 23.8046 |
| 2009 | 6     | 2   | 14   | 37     | 17     | 0.3       | 3.6     | 1.13  | 90.8      | 23.3723 | 23.2123 |
| 2009 | 6     | 2   | 14   | 47     | 17     | 0.3       | 3.6     | 1.15  | 91.1      | 23.3723 | 23.623  |
| 2009 | 6     | 2   | 14   | 57     | 17     | 0.3       | 3.6     | 1.14  | 91        | 23.3723 | 23.5545 |
| 2009 | 6     | 2   | 15   | 7      | 17     | 0.3       | 3.6     | 1.14  | 89.8      | 23.3723 | 23.4861 |
| 2009 | 6     | 2   | 15   | 17     | 17     | 0.3       | 3.6     | 1.14  | 90.5      | 23.3723 | 23.5545 |
| 2009 | 6     | 2   | 15   | 27     | 17     | 0.3       | 3.6     | 1.13  | 90        | 23.3723 | 23.2807 |
| 2009 | 6     | 2   | 15   | 37     | 17     | 0.3       | 3.6     | 1.14  | 91.3      | 23.3723 | 23.4861 |
| 2009 | 6     | 2   | 15   | 47     | 17     | 0.3       | 3.6     | 1.12  | 89.3      | 23.3723 | 23.0069 |
| 2009 | 6     | 2   | 15   | 57     | 17     | 0.3       | 3.6     | 1.13  | 91.8      | 23.3723 | 23.3492 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 2   | 16   | 7      | 17     | 0.3       | 3.6     | 1.15  | 90        | 23.3723 | 23.8284 |
| 2009 | 6     | 2   | 16   | 17     | 17     | 0.3       | 3.6     | 1.16  | 91        | 23.3723 | 23.8968 |
| 2009 | 6     | 2   | 16   | 27     | 17     | 0.3       | 3.6     | 1.14  | 90.7      | 23.3723 | 23.4861 |
| 2009 | 6     | 2   | 16   | 37     | 17     | 0.3       | 3.6     | 1.13  | 92.7      | 23.3723 | 23.2807 |
| 2009 | 6     | 2   | 16   | 47     | 17     | 0.3       | 3.6     | 1.15  | 90.7      | 23.3723 | 23.8284 |
| 2009 | 6     | 2   | 16   | 57     | 17     | 0.3       | 3.6     | 1.15  | 90.3      | 23.3723 | 23.8284 |
| 2009 | 6     | 2   | 17   | 7      | 17     | 0.3       | 3.6     | 1.15  | 92.3      | 23.3723 | 23.6915 |
| 2009 | 6     | 2   | 17   | 17     | 17     | 0.3       | 3.6     | 1.15  | 91        | 23.3723 | 23.6915 |
| 2009 | 6     | 2   | 17   | 27     | 17     | 0.3       | 3.6     | 1.12  | 91.9      | 23.3723 | 23.0069 |
| 2009 | 6     | 2   | 17   | 37     | 17     | 0.3       | 3.6     | 1.19  | 90.6      | 23.3723 | 24.5816 |
| 2009 | 6     | 2   | 17   | 47     | 17     | 0.3       | 3.6     | 1.14  | 91.7      | 23.3723 | 23.4861 |
| 2009 | 6     | 2   | 17   | 57     | 17     | 0.3       | 3.6     | 1.14  | 93.8      | 23.3723 | 23.4861 |
| 2009 | 6     | 2   | 18   | 7      | 17     | 0.3       | 3.6     | 1.13  | 91        | 23.3723 | 23.2123 |
| 2009 | 6     | 2   | 18   | 17     | 17     | 0.3       | 3.6     | 1.16  | 91.3      | 23.3723 | 23.9653 |
| 2009 | 6     | 2   | 18   | 27     | 17     | 0.3       | 3.6     | 1.13  | 91.7      | 23.3723 | 23.2123 |
| 2009 | 6     | 2   | 18   | 37     | 17     | 0.3       | 3.6     | 1.15  | 92.1      | 23.3723 | 23.7599 |
| 2009 | 6     | 2   | 18   | 47     | 17     | 0.3       | 3.6     | 1.14  | 90.7      | 23.3723 | 23.4176 |
| 2009 | 6     | 2   | 18   | 57     | 17     | 0.3       | 3.6     | 1.16  | 93.3      | 23.3949 | 23.8522 |
| 2009 | 6     | 2   | 19   | 7      | 17     | 0.3       | 3.6     | 1.14  | 90.2      | 23.3723 | 23.4861 |
| 2009 | 6     | 2   | 19   | 17     | 17     | 0.3       | 3.6     | 1.15  | 91.3      | 23.3949 | 23.7836 |
| 2009 | 6     | 2   | 19   | 27     | 17     | 0.3       | 3.6     | 1.16  | 90.6      | 23.3949 | 24.0578 |
| 2009 | 6     | 2   | 19   | 37     | 17     | 0.3       | 3.6     | 1.12  | 93.4      | 23.3949 | 23.0984 |
| 2009 | 6     | 2   | 19   | 47     | 17     | 0.3       | 3.6     | 1.14  | 90        | 23.3949 | 23.441  |
| 2009 | 6     | 2   | 19   | 57     | 17     | 0.3       | 3.6     | 1.16  | 91.6      | 23.3949 | 23.9893 |
| 2009 | 6     | 2   | 20   | 7      | 17     | 0.3       | 3.6     | 1.15  | 91.3      | 23.3949 | 23.6466 |
| 2009 | 6     | 2   | 20   | 17     | 17     | 0.3       | 3.6     | 1.11  | 90.2      | 23.3949 | 22.8244 |
| 2009 | 6     | 2   | 20   | 27     | 17     | 0.3       | 3.6     | 1.15  | 91.5      | 23.3949 | 23.7836 |
| 2009 | 6     | 2   | 20   | 37     | 17     | 0.3       | 3.6     | 1.13  | 92.3      | 23.3949 | 23.3725 |
| 2009 | 6     | 2   | 20   | 47     | 17     | 0.3       | 3.6     | 1.13  | 93.2      | 23.3949 | 23.3725 |
| 2009 | 6     | 2   | 20   | 57     | 17     | 0.3       | 3.6     | 1.15  | 91.8      | 23.3949 | 23.7836 |
| 2009 | 6     | 2   | 21   | 7      | 17     | 0.3       | 3.6     | 1.17  | 91.9      | 23.3949 | 24.0578 |
| 2009 | 6     | 2   | 21   | 17     | 17     | 0.3       | 3.6     | 1.15  | 91.5      | 23.3949 | 23.7836 |
| 2009 | 6     | 2   | 21   | 27     | 17     | 0.3       | 3.6     | 1.16  | 91.8      | 23.3949 | 23.9893 |
| 2009 | 6     | 2   | 21   | 37     | 17     | 0.3       | 3.6     | 1.15  | 90.2      | 23.3949 | 23.7151 |
| 2009 | 6     | 2   | 21   | 47     | 17     | 0.3       | 3.6     | 1.14  | 90.2      | 23.3949 | 23.441  |
| 2009 | 6     | 2   | 21   | 57     | 17     | 0.3       | 3.6     | 1.17  | 90        | 23.3949 | 24.2634 |
| 2009 | 6     | 2   | 22   | 7      | 17     | 0.3       | 3.6     | 1.19  | 90.3      | 23.3949 | 24.6062 |
| 2009 | 6     | 2   | 22   | 17     | 17     | 0.3       | 3.6     | 1.2   | 91.7      | 23.4175 | 24.9053 |
| 2009 | 6     | 2   | 22   | 27     | 17     | 0.3       | 3.6     | 1.17  | 91        | 23.4175 | 24.2876 |
| 2009 | 6     | 2   | 22   | 37     | 17     | 0.3       | 3.6     | 1.17  | 92.3      | 23.4175 | 24.1504 |
| 2009 | 6     | 2   | 22   | 47     | 17     | 0.3       | 3.6     | 1.14  | 90.8      | 23.4175 | 23.533  |
| 2009 | 6     | 2   | 22   | 57     | 17     | 0.3       | 3.6     | 1.15  | 92.1      | 23.4175 | 23.8074 |
| 2009 | 6     | 2   | 23   | 7      | 17     | 0.3       | 3.6     | 1.14  | 90.7      | 23.4175 | 23.4644 |
| 2009 | 6     | 2   | 23   | 17     | 17     | 0.3       | 3.6     | 1.14  | 91.3      | 23.4401 | 23.5564 |
| 2009 | 6     | 2   | 23   | 27     | 17     | 0.3       | 3.6     | 1.16  | 90.8      | 23.4175 | 24.0132 |
| 2009 | 6     | 2   | 23   | 37     | 17     | 0.3       | 3.6     | 1.17  | 92.4      | 23.4401 | 24.1058 |
| 2009 | 6     | 2   | 23   | 47     | 17     | 0.3       | 3.6     | 1.14  | 92.8      | 23.4401 | 23.5564 |
| 2009 | 6     | 2   | 23   | 57     | 17     | 0.3       | 3.6     | 1.15  | 91        | 23.4401 | 23.8311 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 3   | 0    | 7      | 17     | 0.3       | 3.6     | 1.15  | 92.9      | 23.4401 | 23.7624 |
| 2009 | 6     | 3   | 0    | 17     | 17     | 0.3       | 3.6     | 1.16  | 92.1      | 23.4628 | 23.9923 |
| 2009 | 6     | 3   | 0    | 27     | 17     | 0.3       | 3.6     | 1.19  | 91.9      | 23.4854 | 24.5667 |
| 2009 | 6     | 3   | 0    | 37     | 17     | 0.3       | 3.6     | 1.16  | 93.2      | 23.4854 | 24.0161 |
| 2009 | 6     | 3   | 0    | 47     | 17     | 0.3       | 3.6     | 1.17  | 91.6      | 23.4854 | 24.3602 |
| 2009 | 6     | 3   | 0    | 57     | 17     | 0.3       | 3.6     | 1.16  | 92.1      | 23.508  | 24.04   |
| 2009 | 6     | 3   | 1    | 7      | 17     | 0.3       | 3.6     | 1.17  | 93.4      | 23.5306 | 24.2707 |
| 2009 | 6     | 3   | 1    | 17     | 17     | 0.3       | 3.6     | 1.17  | 90.5      | 23.508  | 24.3155 |
| 2009 | 6     | 3   | 1    | 27     | 17     | 0.3       | 3.6     | 1.14  | 92.8      | 23.5306 | 23.7191 |
| 2009 | 6     | 3   | 1    | 37     | 17     | 0.3       | 3.6     | 1.17  | 91.1      | 23.5306 | 24.2707 |
| 2009 | 6     | 3   | 1    | 47     | 17     | 0.3       | 3.6     | 1.16  | 91.3      | 23.5306 | 24.2017 |
| 2009 | 6     | 3   | 1    | 57     | 17     | 0.3       | 3.6     | 1.16  | 91.1      | 23.5306 | 23.9949 |
| 2009 | 6     | 3   | 2    | 7      | 17     | 0.3       | 3.6     | 1.15  | 93.4      | 23.5306 | 23.857  |
| 2009 | 6     | 3   | 2    | 17     | 17     | 0.3       | 3.6     | 1.17  | 92.6      | 23.5532 | 24.3637 |
| 2009 | 6     | 3   | 2    | 27     | 17     | 0.3       | 3.6     | 1.16  | 91.8      | 23.5532 | 24.0187 |
| 2009 | 6     | 3   | 2    | 37     | 17     | 0.3       | 3.6     | 1.17  | 90.3      | 23.5532 | 24.4328 |
| 2009 | 6     | 3   | 2    | 47     | 17     | 0.3       | 3.6     | 1.17  | 89.4      | 23.5532 | 24.2947 |
| 2009 | 6     | 3   | 2    | 57     | 17     | 0.3       | 3.6     | 1.15  | 90.2      | 23.5758 | 23.9734 |
| 2009 | 6     | 3   | 3    | 7      | 17     | 0.3       | 3.6     | 1.15  | 91.5      | 23.5758 | 23.9043 |
| 2009 | 6     | 3   | 3    | 17     | 17     | 0.3       | 3.6     | 1.15  | 92.4      | 23.5758 | 23.9734 |
| 2009 | 6     | 3   | 3    | 27     | 17     | 0.3       | 3.6     | 1.16  | 91.6      | 23.5758 | 24.1115 |
| 2009 | 6     | 3   | 3    | 37     | 17     | 0.3       | 3.6     | 1.18  | 91        | 23.5758 | 24.5951 |
| 2009 | 6     | 3   | 3    | 47     | 17     | 0.3       | 3.6     | 1.15  | 92.1      | 23.5758 | 23.9734 |
| 2009 | 6     | 3   | 3    | 57     | 17     | 0.3       | 3.6     | 1.15  | 91.8      | 23.5758 | 23.9734 |
| 2009 | 6     | 3   | 4    | 7      | 17     | 0.3       | 3.6     | 1.18  | 91.1      | 23.5758 | 24.526  |
| 2009 | 6     | 3   | 4    | 17     | 17     | 0.3       | 3.6     | 1.15  | 91.3      | 23.5758 | 23.9734 |
| 2009 | 6     | 3   | 4    | 27     | 17     | 0.3       | 3.6     | 1.18  | 90.8      | 23.5758 | 24.526  |
| 2009 | 6     | 3   | 4    | 37     | 17     | 0.3       | 3.6     | 1.18  | 91.1      | 23.5758 | 24.6642 |
| 2009 | 6     | 3   | 4    | 47     | 17     | 0.3       | 3.6     | 1.16  | 90        | 23.5758 | 24.1115 |
| 2009 | 6     | 3   | 4    | 57     | 17     | 0.3       | 3.6     | 1.17  | 90.6      | 23.5758 | 24.4569 |
| 2009 | 6     | 3   | 5    | 7      | 17     | 0.3       | 3.6     | 1.16  | 91.3      | 23.5758 | 24.2497 |
| 2009 | 6     | 3   | 5    | 17     | 17     | 0.3       | 3.6     | 1.17  | 91.8      | 23.5984 | 24.2737 |
| 2009 | 6     | 3   | 5    | 27     | 17     | 0.3       | 3.6     | 1.17  | 93        | 23.5984 | 24.412  |
| 2009 | 6     | 3   | 5    | 37     | 17     | 0.3       | 3.6     | 1.15  | 92.9      | 23.5984 | 23.9971 |
| 2009 | 6     | 3   | 5    | 47     | 17     | 0.3       | 3.6     | 1.17  | 91.3      | 23.5984 | 24.4811 |
| 2009 | 6     | 3   | 5    | 57     | 17     | 0.3       | 3.6     | 1.16  | 90.2      | 23.5984 | 24.2737 |
| 2009 | 6     | 3   | 6    | 7      | 17     | 0.3       | 3.6     | 1.16  | 92.1      | 23.5984 | 24.1354 |
| 2009 | 6     | 3   | 6    | 17     | 17     | 0.3       | 3.6     | 1.16  | 90.6      | 23.5984 | 24.2737 |
| 2009 | 6     | 3   | 6    | 27     | 17     | 0.3       | 3.6     | 1.14  | 92.8      | 23.5984 | 23.7205 |
| 2009 | 6     | 3   | 6    | 37     | 17     | 0.3       | 3.6     | 1.2   | 91.7      | 23.621  | 25.0592 |
| 2009 | 6     | 3   | 6    | 47     | 17     | 0.3       | 3.6     | 1.17  | 92.1      | 23.621  | 24.4361 |
| 2009 | 6     | 3   | 6    | 57     | 17     | 0.3       | 3.6     | 1.17  | 90.5      | 23.621  | 24.4361 |
| 2009 | 6     | 3   | 7    | 7      | 17     | 0.3       | 3.6     | 1.15  | 91.6      | 23.621  | 24.0208 |
| 2009 | 6     | 3   | 7    | 17     | 17     | 0.3       | 3.6     | 1.18  | 91.8      | 23.6436 | 24.5295 |
| 2009 | 6     | 3   | 7    | 27     | 17     | 0.3       | 3.6     | 1.16  | 91.1      | 23.6436 | 24.2523 |
| 2009 | 6     | 3   | 7    | 37     | 17     | 0.3       | 3.6     | 1.18  | 92.7      | 23.6436 | 24.6681 |
| 2009 | 6     | 3   | 7    | 47     | 17     | 0.3       | 3.6     | 1.16  | 92.1      | 23.6436 | 24.2523 |
| 2009 | 6     | 3   | 7    | 57     | 17     | 0.3       | 3.6     | 1.16  | 91.6      | 23.6888 | 24.3001 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 3   | 8    | 7      | 17     | 0.3       | 3.6     | 1.18  | 92.2      | 23.6662 | 24.5536 |
| 2009 | 6     | 3   | 8    | 17     | 17     | 0.3       | 3.6     | 1.18  | 90.3      | 23.6888 | 24.6472 |
| 2009 | 6     | 3   | 8    | 27     | 17     | 0.3       | 3.6     | 1.16  | 91.3      | 23.7113 | 24.324  |
| 2009 | 6     | 3   | 8    | 37     | 17     | 0.3       | 3.6     | 1.18  | 93.5      | 23.7113 | 24.741  |
| 2009 | 6     | 3   | 8    | 47     | 17     | 0.3       | 3.6     | 1.16  | 90.3      | 23.7339 | 24.3479 |
| 2009 | 6     | 3   | 8    | 57     | 17     | 0.3       | 3.6     | 1.16  | 90        | 23.7113 | 24.2545 |
| 2009 | 6     | 3   | 9    | 7      | 17     | 0.3       | 3.6     | 1.16  | 93.3      | 23.7339 | 24.2088 |
| 2009 | 6     | 3   | 9    | 17     | 17     | 0.3       | 3.6     | 1.18  | 91.3      | 23.7113 | 24.741  |
| 2009 | 6     | 3   | 9    | 27     | 17     | 0.3       | 3.6     | 1.2   | 91.9      | 23.7339 | 25.1132 |
| 2009 | 6     | 3   | 9    | 37     | 17     | 0.3       | 3.6     | 1.2   | 91.9      | 23.7565 | 25.2771 |
| 2009 | 6     | 3   | 9    | 47     | 17     | 0.3       | 3.6     | 1.2   | 91.7      | 23.7565 | 25.2075 |
| 2009 | 6     | 3   | 9    | 57     | 17     | 0.3       | 3.6     | 1.15  | 93.3      | 23.7565 | 24.1629 |
| 2009 | 6     | 3   | 10   | 7      | 17     | 0.3       | 3.6     | 1.18  | 92.7      | 23.7565 | 24.6503 |
| 2009 | 6     | 3   | 10   | 17     | 17     | 0.3       | 3.6     | 1.18  | 92.7      | 23.7791 | 24.6744 |
| 2009 | 6     | 3   | 10   | 27     | 17     | 0.3       | 3.6     | 1.21  | 92.5      | 23.7791 | 25.3019 |
| 2009 | 6     | 3   | 10   | 37     | 17     | 0.3       | 3.6     | 1.2   | 92        | 23.7791 | 25.3019 |
| 2009 | 6     | 3   | 10   | 47     | 17     | 0.3       | 3.6     | 1.21  | 94.1      | 23.7791 | 25.3019 |
| 2009 | 6     | 3   | 10   | 57     | 17     | 0.3       | 3.6     | 1.16  | 91.3      | 23.7791 | 24.2563 |
| 2009 | 6     | 3   | 11   | 7      | 17     | 0.3       | 3.6     | 1.2   | 93        | 23.7791 | 25.2322 |
| 2009 | 6     | 3   | 11   | 17     | 17     | 0.3       | 3.6     | 1.18  | 93.2      | 23.7791 | 24.6744 |
| 2009 | 6     | 3   | 11   | 27     | 17     | 0.3       | 3.6     | 1.15  | 91.5      | 23.7791 | 24.1169 |
| 2009 | 6     | 3   | 11   | 37     | 17     | 0.3       | 3.6     | 1.21  | 93.1      | 23.7791 | 25.4413 |
| 2009 | 6     | 3   | 11   | 47     | 17     | 0.3       | 3.6     | 1.15  | 91.6      | 23.7791 | 24.1866 |
| 2009 | 6     | 3   | 11   | 57     | 17     | 0.3       | 3.6     | 1.18  | 92.6      | 23.8016 | 24.6986 |
| 2009 | 6     | 3   | 12   | 7      | 17     | 0.3       | 3.6     | 1.19  | 92.7      | 23.7791 | 24.8836 |
| 2009 | 6     | 3   | 12   | 17     | 17     | 0.3       | 3.6     | 1.19  | 92.4      | 23.8016 | 24.9079 |
| 2009 | 6     | 3   | 12   | 27     | 17     | 0.3       | 3.6     | 1.16  | 93.4      | 23.8016 | 24.3498 |
| 2009 | 6     | 3   | 12   | 37     | 17     | 0.3       | 3.6     | 1.2   | 92.8      | 23.8016 | 25.1173 |
| 2009 | 6     | 3   | 12   | 47     | 17     | 0.3       | 3.6     | 1.2   | 93.9      | 23.8016 | 25.1871 |
| 2009 | 6     | 3   | 12   | 57     | 17     | 0.3       | 3.6     | 1.2   | 92.2      | 23.8016 | 25.1871 |
| 2009 | 6     | 3   | 13   | 7      | 17     | 0.3       | 3.6     | 1.17  | 91.8      | 23.8016 | 24.4893 |
| 2009 | 6     | 3   | 13   | 17     | 17     | 0.3       | 3.6     | 1.15  | 93.1      | 23.8016 | 24.1405 |
| 2009 | 6     | 3   | 13   | 27     | 17     | 0.3       | 3.6     | 1.2   | 91.4      | 23.8016 | 25.1871 |
| 2009 | 6     | 3   | 13   | 37     | 17     | 0.3       | 3.6     | 1.19  | 91.9      | 23.8016 | 24.9777 |
| 2009 | 6     | 3   | 13   | 47     | 17     | 0.3       | 3.6     | 1.18  | 91.8      | 23.8016 | 24.6986 |
| 2009 | 6     | 3   | 13   | 57     | 17     | 0.3       | 3.6     | 1.21  | 93.1      | 23.8016 | 25.3266 |
| 2009 | 6     | 3   | 14   | 7      | 17     | 0.3       | 3.6     | 1.19  | 91.9      | 23.8016 | 24.9079 |
| 2009 | 6     | 3   | 14   | 17     | 17     | 0.3       | 3.6     | 1.2   | 93.1      | 23.8016 | 25.2568 |
| 2009 | 6     | 3   | 14   | 27     | 17     | 0.3       | 3.6     | 1.2   | 90.3      | 23.8242 | 25.3514 |
| 2009 | 6     | 3   | 14   | 37     | 17     | 0.3       | 3.6     | 1.22  | 91.2      | 23.8242 | 25.7007 |
| 2009 | 6     | 3   | 14   | 47     | 17     | 0.3       | 3.6     | 1.16  | 91.9      | 23.8242 | 24.4434 |
| 2009 | 6     | 3   | 14   | 57     | 17     | 0.3       | 3.6     | 1.21  | 90.8      | 23.8242 | 25.4911 |
| 2009 | 6     | 3   | 15   | 7      | 17     | 0.3       | 3.6     | 1.21  | 90.9      | 23.8242 | 25.4213 |
| 2009 | 6     | 3   | 15   | 17     | 17     | 0.3       | 3.6     | 1.18  | 92.7      | 23.8242 | 24.8624 |
| 2009 | 6     | 3   | 15   | 27     | 17     | 0.3       | 3.6     | 1.19  | 92.1      | 23.8242 | 24.9323 |
| 2009 | 6     | 3   | 15   | 37     | 17     | 0.3       | 3.6     | 1.2   | 92        | 23.8242 | 25.3514 |
| 2009 | 6     | 3   | 15   | 47     | 17     | 0.3       | 3.6     | 1.19  | 89.5      | 23.8242 | 25.1418 |
| 2009 | 6     | 3   | 15   | 57     | 17     | 0.3       | 3.6     | 1.17  | 91.6      | 23.8242 | 24.5831 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 3   | 16   | 7      | 17     | 0.3       | 3.6     | 1.19  | 91.3      | 23.8242 | 25.1418 |
| 2009 | 6     | 3   | 16   | 17     | 17     | 0.3       | 3.6     | 1.19  | 90.3      | 23.8467 | 25.1664 |
| 2009 | 6     | 3   | 16   | 27     | 17     | 0.3       | 3.6     | 1.18  | 92.2      | 23.8467 | 24.8867 |
| 2009 | 6     | 3   | 16   | 37     | 17     | 0.3       | 3.6     | 1.2   | 91.1      | 23.8467 | 25.3762 |
| 2009 | 6     | 3   | 16   | 47     | 17     | 0.3       | 3.6     | 1.17  | 91.5      | 23.8467 | 24.5372 |
| 2009 | 6     | 3   | 16   | 57     | 17     | 0.3       | 3.6     | 1.17  | 91.6      | 23.8693 | 24.701  |
| 2009 | 6     | 3   | 17   | 7      | 17     | 0.3       | 3.6     | 1.21  | 89.7      | 23.9144 | 25.6608 |
| 2009 | 6     | 3   | 17   | 17     | 17     | 0.3       | 3.6     | 1.16  | 90.6      | 23.9594 | 24.5866 |
| 2009 | 6     | 3   | 17   | 27     | 17     | 0.3       | 3.6     | 1.19  | 91.4      | 23.9594 | 25.2891 |
| 2009 | 6     | 3   | 17   | 37     | 17     | 0.3       | 3.6     | 1.19  | 89.5      | 23.982  | 25.2433 |
| 2009 | 6     | 3   | 17   | 47     | 17     | 0.3       | 3.6     | 1.17  | 91.6      | 24.0045 | 24.7047 |
| 2009 | 6     | 3   | 17   | 57     | 17     | 0.3       | 3.6     | 1.19  | 90.5      | 24.0045 | 25.3382 |
| 2009 | 6     | 3   | 18   | 7      | 17     | 0.3       | 3.6     | 1.18  | 91.9      | 24.0045 | 25.0566 |
| 2009 | 6     | 3   | 18   | 17     | 17     | 0.3       | 3.6     | 1.18  | 91.4      | 24.0045 | 25.127  |
| 2009 | 6     | 3   | 18   | 27     | 17     | 0.3       | 3.6     | 1.21  | 92.5      | 24.0045 | 25.6902 |
| 2009 | 6     | 3   | 18   | 37     | 17     | 0.3       | 3.6     | 1.19  | 91.6      | 24.0045 | 25.1974 |
| 2009 | 6     | 3   | 18   | 47     | 17     | 0.3       | 3.6     | 1.2   | 92.8      | 24.027  | 25.4331 |
| 2009 | 6     | 3   | 18   | 57     | 17     | 0.3       | 3.6     | 1.19  | 92.2      | 24.027  | 25.1513 |
| 2009 | 6     | 3   | 19   | 7      | 17     | 0.3       | 3.6     | 1.2   | 91.2      | 24.027  | 25.5741 |
| 2009 | 6     | 3   | 19   | 17     | 17     | 0.3       | 3.6     | 1.16  | 92.3      | 24.027  | 24.6581 |
| 2009 | 6     | 3   | 19   | 27     | 17     | 0.3       | 3.6     | 1.2   | 90.3      | 24.027  | 25.4331 |
| 2009 | 6     | 3   | 19   | 37     | 17     | 0.3       | 3.6     | 1.21  | 90.5      | 24.027  | 25.7855 |
| 2009 | 6     | 3   | 19   | 47     | 17     | 0.3       | 3.6     | 1.17  | 91.3      | 24.027  | 24.9399 |
| 2009 | 6     | 3   | 19   | 57     | 17     | 0.3       | 3.6     | 1.2   | 93.3      | 24.027  | 25.4331 |
| 2009 | 6     | 3   | 20   | 7      | 17     | 0.3       | 3.6     | 1.2   | 91.1      | 24.027  | 25.5036 |
| 2009 | 6     | 3   | 20   | 17     | 17     | 0.3       | 3.6     | 1.2   | 91.1      | 24.027  | 25.4331 |
| 2009 | 6     | 3   | 20   | 27     | 17     | 0.3       | 3.6     | 1.19  | 91.3      | 24.027  | 25.2218 |
| 2009 | 6     | 3   | 20   | 37     | 17     | 0.3       | 3.6     | 1.17  | 93.4      | 24.027  | 24.7286 |
| 2009 | 6     | 3   | 20   | 47     | 17     | 0.3       | 3.6     | 1.2   | 91.1      | 24.027  | 25.4331 |
| 2009 | 6     | 3   | 20   | 57     | 17     | 0.3       | 3.6     | 1.19  | 91.3      | 24.0495 | 25.3167 |
| 2009 | 6     | 3   | 21   | 7      | 17     | 0.3       | 3.6     | 1.21  | 92.5      | 24.027  | 25.6446 |
| 2009 | 6     | 3   | 21   | 17     | 17     | 0.3       | 3.6     | 1.22  | 92.5      | 24.0495 | 25.8104 |
| 2009 | 6     | 3   | 21   | 27     | 17     | 0.3       | 3.6     | 1.21  | 92.3      | 24.0495 | 25.6694 |
| 2009 | 6     | 3   | 21   | 37     | 17     | 0.3       | 3.6     | 1.21  | 91.9      | 24.0495 | 25.8104 |
| 2009 | 6     | 3   | 21   | 47     | 17     | 0.3       | 3.6     | 1.2   | 92.2      | 24.0495 | 25.3872 |
| 2009 | 6     | 3   | 21   | 57     | 17     | 0.3       | 3.6     | 1.21  | 94.5      | 24.0495 | 25.6694 |
| 2009 | 6     | 3   | 22   | 7      | 17     | 0.3       | 3.6     | 1.2   | 93.9      | 24.0495 | 25.4577 |
| 2009 | 6     | 3   | 22   | 17     | 17     | 0.3       | 3.6     | 1.21  | 91.7      | 24.0495 | 25.7399 |
| 2009 | 6     | 3   | 22   | 27     | 17     | 0.3       | 3.6     | 1.2   | 92.3      | 24.0495 | 25.5283 |
| 2009 | 6     | 3   | 22   | 37     | 17     | 0.3       | 3.6     | 1.18  | 92.9      | 24.0495 | 25.1051 |
| 2009 | 6     | 3   | 22   | 47     | 17     | 0.3       | 3.6     | 1.21  | 90.6      | 24.0495 | 25.7399 |
| 2009 | 6     | 3   | 22   | 57     | 17     | 0.3       | 3.6     | 1.23  | 90.9      | 24.0495 | 26.1632 |
| 2009 | 6     | 3   | 23   | 7      | 17     | 0.3       | 3.6     | 1.2   | 93.3      | 24.0495 | 25.4577 |
| 2009 | 6     | 3   | 23   | 17     | 17     | 0.3       | 3.6     | 1.2   | 93.1      | 24.0495 | 25.5283 |
| 2009 | 6     | 3   | 23   | 27     | 17     | 0.3       | 3.6     | 1.19  | 91.4      | 24.072  | 25.4117 |
| 2009 | 6     | 3   | 23   | 37     | 17     | 0.3       | 3.6     | 1.22  | 90.6      | 24.072  | 26.0472 |
| 2009 | 6     | 3   | 23   | 47     | 17     | 0.3       | 3.6     | 1.2   | 91.7      | 24.072  | 25.6235 |
| 2009 | 6     | 3   | 23   | 57     | 17     | 0.3       | 3.6     | 1.21  | 91.6      | 24.072  | 25.6941 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 4   | 0    | 7      | 17     | 0.3       | 3.6     | 1.22  | 92.8      | 24.072  | 25.906  |
| 2009 | 6     | 4   | 0    | 17     | 17     | 0.3       | 3.6     | 1.18  | 91.1      | 24.072  | 25.1999 |
| 2009 | 6     | 4   | 0    | 27     | 17     | 0.3       | 3.6     | 1.2   | 91.6      | 24.0945 | 25.5776 |
| 2009 | 6     | 4   | 0    | 37     | 17     | 0.3       | 3.6     | 1.2   | 92.2      | 24.0945 | 25.5069 |
| 2009 | 6     | 4   | 0    | 47     | 17     | 0.3       | 3.6     | 1.19  | 92.1      | 24.0945 | 25.3656 |
| 2009 | 6     | 4   | 0    | 57     | 17     | 0.3       | 3.6     | 1.18  | 90        | 24.0945 | 25.1536 |
| 2009 | 6     | 4   | 1    | 7      | 17     | 0.3       | 3.6     | 1.19  | 90.5      | 24.117  | 25.39   |
| 2009 | 6     | 4   | 1    | 17     | 17     | 0.3       | 3.6     | 1.23  | 90.3      | 24.117  | 26.1683 |
| 2009 | 6     | 4   | 1    | 27     | 17     | 0.3       | 3.6     | 1.2   | 91.3      | 24.1395 | 25.627  |
| 2009 | 6     | 4   | 1    | 37     | 17     | 0.3       | 3.6     | 1.24  | 93.7      | 24.162  | 26.3606 |
| 2009 | 6     | 4   | 1    | 47     | 17     | 0.3       | 3.6     | 1.21  | 91.1      | 24.162  | 25.8643 |
| 2009 | 6     | 4   | 1    | 57     | 17     | 0.3       | 3.6     | 1.23  | 90.8      | 24.1845 | 26.2441 |
| 2009 | 6     | 4   | 2    | 7      | 17     | 0.3       | 3.6     | 1.26  | 91.6      | 24.1845 | 26.8828 |
| 2009 | 6     | 4   | 2    | 17     | 17     | 0.3       | 3.6     | 1.22  | 91.9      | 24.207  | 26.0562 |
| 2009 | 6     | 4   | 2    | 27     | 17     | 0.3       | 3.6     | 1.19  | 91.1      | 24.207  | 25.5591 |
| 2009 | 6     | 4   | 2    | 37     | 17     | 0.3       | 3.6     | 1.21  | 92.3      | 24.207  | 25.9142 |
| 2009 | 6     | 4   | 2    | 47     | 17     | 0.3       | 3.6     | 1.2   | 92.7      | 24.207  | 25.7011 |
| 2009 | 6     | 4   | 2    | 57     | 17     | 0.3       | 3.6     | 1.23  | 92.1      | 24.207  | 26.3403 |
| 2009 | 6     | 4   | 3    | 7      | 17     | 0.3       | 3.6     | 1.25  | 92.1      | 24.207  | 26.8376 |
| 2009 | 6     | 4   | 3    | 17     | 17     | 0.3       | 3.6     | 1.25  | 91.5      | 24.2295 | 26.7212 |
| 2009 | 6     | 4   | 3    | 27     | 17     | 0.3       | 3.6     | 1.24  | 92.4      | 24.2295 | 26.579  |
| 2009 | 6     | 4   | 3    | 37     | 17     | 0.3       | 3.6     | 1.25  | 91.8      | 24.2295 | 26.7212 |
| 2009 | 6     | 4   | 3    | 47     | 17     | 0.3       | 3.6     | 1.23  | 92.6      | 24.2295 | 26.4368 |
| 2009 | 6     | 4   | 3    | 57     | 17     | 0.3       | 3.6     | 1.21  | 92.2      | 24.2295 | 26.0102 |
| 2009 | 6     | 4   | 4    | 7      | 17     | 0.3       | 3.6     | 1.22  | 92        | 24.2295 | 26.1524 |
| 2009 | 6     | 4   | 4    | 17     | 17     | 0.3       | 3.6     | 1.21  | 93.1      | 24.2295 | 25.9391 |
| 2009 | 6     | 4   | 4    | 27     | 17     | 0.3       | 3.6     | 1.23  | 91.7      | 24.252  | 26.4622 |
| 2009 | 6     | 4   | 4    | 37     | 17     | 0.3       | 3.6     | 1.23  | 92.6      | 24.2295 | 26.2235 |
| 2009 | 6     | 4   | 4    | 47     | 17     | 0.3       | 3.6     | 1.21  | 92.5      | 24.252  | 25.964  |
| 2009 | 6     | 4   | 4    | 57     | 17     | 0.3       | 3.6     | 1.21  | 92.5      | 24.2295 | 25.9391 |
| 2009 | 6     | 4   | 5    | 7      | 17     | 0.3       | 3.6     | 1.23  | 92.3      | 24.252  | 26.4622 |
| 2009 | 6     | 4   | 5    | 17     | 17     | 0.3       | 3.6     | 1.21  | 92.2      | 24.252  | 25.8928 |
| 2009 | 6     | 4   | 5    | 27     | 17     | 0.3       | 3.6     | 1.21  | 92.6      | 24.252  | 25.8928 |
| 2009 | 6     | 4   | 5    | 37     | 17     | 0.3       | 3.6     | 1.22  | 92        | 24.252  | 26.2486 |
| 2009 | 6     | 4   | 5    | 47     | 17     | 0.3       | 3.6     | 1.23  | 92        | 24.252  | 26.391  |
| 2009 | 6     | 4   | 5    | 57     | 17     | 0.3       | 3.6     | 1.21  | 92        | 24.252  | 25.8928 |
| 2009 | 6     | 4   | 6    | 7      | 17     | 0.3       | 3.6     | 1.23  | 91.2      | 24.252  | 26.391  |
| 2009 | 6     | 4   | 6    | 17     | 17     | 0.3       | 3.6     | 1.23  | 91.4      | 24.2744 | 26.3451 |
| 2009 | 6     | 4   | 6    | 27     | 17     | 0.3       | 3.6     | 1.23  | 92.3      | 24.2744 | 26.4875 |
| 2009 | 6     | 4   | 6    | 37     | 17     | 0.3       | 3.6     | 1.22  | 92.5      | 24.2744 | 26.0601 |
| 2009 | 6     | 4   | 6    | 47     | 17     | 0.3       | 3.6     | 1.23  | 93.2      | 24.2744 | 26.4163 |
| 2009 | 6     | 4   | 6    | 57     | 17     | 0.3       | 3.6     | 1.24  | 91.8      | 24.2744 | 26.7013 |
| 2009 | 6     | 4   | 7    | 7      | 17     | 0.3       | 3.6     | 1.23  | 93.4      | 24.2969 | 26.4416 |
| 2009 | 6     | 4   | 7    | 17     | 17     | 0.3       | 3.6     | 1.23  | 92.6      | 24.2969 | 26.3703 |
| 2009 | 6     | 4   | 7    | 27     | 17     | 0.3       | 3.6     | 1.21  | 95        | 24.3194 | 25.896  |
| 2009 | 6     | 4   | 7    | 37     | 17     | 0.3       | 3.6     | 1.21  | 91.7      | 24.3418 | 26.135  |
| 2009 | 6     | 4   | 7    | 47     | 17     | 0.3       | 3.6     | 1.25  | 92.3      | 24.3418 | 26.8495 |
| 2009 | 6     | 4   | 7    | 57     | 17     | 0.3       | 3.6     | 1.23  | 91.5      | 24.3643 | 26.5175 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 4   | 8    | 7      | 17     | 0.3       | 3.6     | 1.22  | 91.7      | 24.3643 | 26.303  |
| 2009 | 6     | 4   | 8    | 17     | 17     | 0.3       | 3.6     | 1.23  | 92        | 24.3867 | 26.5428 |
| 2009 | 6     | 4   | 8    | 27     | 17     | 0.3       | 3.6     | 1.23  | 92.6      | 24.3867 | 26.4713 |
| 2009 | 6     | 4   | 8    | 37     | 17     | 0.3       | 3.6     | 1.26  | 91.9      | 24.4092 | 27.1414 |
| 2009 | 6     | 4   | 8    | 47     | 17     | 0.3       | 3.6     | 1.26  | 91.2      | 24.4092 | 27.1414 |
| 2009 | 6     | 4   | 8    | 57     | 17     | 0.3       | 3.6     | 1.25  | 92        | 24.4092 | 26.9264 |
| 2009 | 6     | 4   | 9    | 7      | 17     | 0.3       | 3.6     | 1.25  | 92.5      | 24.4316 | 27.0955 |
| 2009 | 6     | 4   | 9    | 17     | 17     | 0.3       | 3.6     | 1.26  | 91        | 24.4316 | 27.1672 |
| 2009 | 6     | 4   | 9    | 27     | 17     | 0.3       | 3.6     | 1.26  | 92.2      | 24.4316 | 27.1672 |
| 2009 | 6     | 4   | 9    | 37     | 17     | 0.3       | 3.6     | 1.22  | 91.5      | 24.454  | 26.4751 |
| 2009 | 6     | 4   | 9    | 47     | 17     | 0.3       | 3.6     | 1.22  | 91.4      | 24.454  | 26.4034 |
| 2009 | 6     | 4   | 9    | 57     | 17     | 0.3       | 3.6     | 1.26  | 91.2      | 24.454  | 27.193  |
| 2009 | 6     | 4   | 10   | 7      | 17     | 0.3       | 3.6     | 1.26  | 91.8      | 24.454  | 27.3366 |
| 2009 | 6     | 4   | 10   | 17     | 17     | 0.3       | 3.6     | 1.29  | 92.2      | 24.4765 | 27.9377 |
| 2009 | 6     | 4   | 10   | 27     | 17     | 0.3       | 3.6     | 1.26  | 92.4      | 24.4765 | 27.2189 |
| 2009 | 6     | 4   | 10   | 37     | 17     | 0.3       | 3.6     | 1.21  | 93        | 24.4765 | 26.1411 |
| 2009 | 6     | 4   | 10   | 47     | 17     | 0.3       | 3.6     | 1.23  | 92.1      | 24.4765 | 26.7158 |
| 2009 | 6     | 4   | 10   | 57     | 17     | 0.3       | 3.6     | 1.23  | 90.3      | 24.4989 | 26.6693 |
| 2009 | 6     | 4   | 11   | 7      | 17     | 0.3       | 3.6     | 1.25  | 91.7      | 24.4989 | 27.1008 |
| 2009 | 6     | 4   | 11   | 17     | 17     | 0.3       | 3.6     | 1.25  | 90.3      | 24.4989 | 27.1728 |
| 2009 | 6     | 4   | 11   | 27     | 17     | 0.3       | 3.6     | 1.23  | 91.2      | 24.4989 | 26.6693 |
| 2009 | 6     | 4   | 11   | 37     | 17     | 0.3       | 3.6     | 1.24  | 90.5      | 24.5213 | 26.9105 |
| 2009 | 6     | 4   | 11   | 47     | 17     | 0.3       | 3.6     | 1.29  | 92.2      | 24.5213 | 27.9186 |
| 2009 | 6     | 4   | 11   | 57     | 17     | 0.3       | 3.6     | 1.23  | 91.7      | 24.5213 | 26.7665 |
| 2009 | 6     | 4   | 12   | 7      | 17     | 0.3       | 3.6     | 1.25  | 90.9      | 24.5213 | 27.1265 |
| 2009 | 6     | 4   | 12   | 17     | 17     | 0.3       | 3.6     | 1.23  | 93.7      | 24.5437 | 26.6478 |
| 2009 | 6     | 4   | 12   | 27     | 17     | 0.3       | 3.6     | 1.26  | 91        | 24.5437 | 27.3684 |
| 2009 | 6     | 4   | 12   | 37     | 17     | 0.3       | 3.6     | 1.26  | 90        | 24.5437 | 27.2963 |
| 2009 | 6     | 4   | 12   | 47     | 17     | 0.3       | 3.6     | 1.26  | 91.6      | 24.5437 | 27.4405 |
| 2009 | 6     | 4   | 12   | 57     | 17     | 0.3       | 3.6     | 1.25  | 91.2      | 24.5661 | 27.1779 |
| 2009 | 6     | 4   | 13   | 7      | 17     | 0.3       | 3.6     | 1.22  | 90.6      | 24.5661 | 26.4566 |
| 2009 | 6     | 4   | 13   | 17     | 17     | 0.3       | 3.6     | 1.24  | 91.1      | 24.5661 | 26.9615 |
| 2009 | 6     | 4   | 13   | 27     | 17     | 0.3       | 3.6     | 1.24  | 91.2      | 24.5661 | 27.0336 |
| 2009 | 6     | 4   | 13   | 37     | 17     | 0.3       | 3.6     | 1.28  | 90.9      | 24.5661 | 27.8272 |
| 2009 | 6     | 4   | 13   | 47     | 17     | 0.3       | 3.6     | 1.28  | 92.9      | 24.5885 | 27.7812 |
| 2009 | 6     | 4   | 13   | 57     | 17     | 0.3       | 3.6     | 1.24  | 90        | 24.5885 | 27.0591 |
| 2009 | 6     | 4   | 14   | 7      | 17     | 0.3       | 3.6     | 1.26  | 91.8      | 24.5885 | 27.4202 |
| 2009 | 6     | 4   | 14   | 17     | 17     | 0.3       | 3.6     | 1.26  | 90.9      | 24.5885 | 27.4924 |
| 2009 | 6     | 4   | 14   | 27     | 17     | 0.3       | 3.6     | 1.27  | 91.2      | 24.5885 | 27.6368 |
| 2009 | 6     | 4   | 14   | 37     | 17     | 0.3       | 3.6     | 1.25  | 91.5      | 24.6109 | 27.2292 |
| 2009 | 6     | 4   | 14   | 47     | 17     | 0.3       | 3.6     | 1.26  | 92.4      | 24.6109 | 27.5183 |
| 2009 | 6     | 4   | 14   | 57     | 17     | 0.3       | 3.6     | 1.27  | 92.2      | 24.6109 | 27.6629 |
| 2009 | 6     | 4   | 15   | 7      | 17     | 0.3       | 3.6     | 1.26  | 90.7      | 24.6109 | 27.446  |
| 2009 | 6     | 4   | 15   | 17     | 17     | 0.3       | 3.6     | 1.24  | 90.5      | 24.6333 | 26.9655 |
| 2009 | 6     | 4   | 15   | 27     | 17     | 0.3       | 3.6     | 1.25  | 92        | 24.6333 | 27.1825 |
| 2009 | 6     | 4   | 15   | 37     | 17     | 0.3       | 3.6     | 1.26  | 92.4      | 24.6333 | 27.5442 |
| 2009 | 6     | 4   | 15   | 47     | 17     | 0.3       | 3.6     | 1.26  | 91.3      | 24.6333 | 27.4719 |
| 2009 | 6     | 4   | 15   | 57     | 17     | 0.3       | 3.6     | 1.27  | 91        | 24.6333 | 27.6166 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 4   | 16   | 7      | 17     | 0.3       | 3.6     | 1.27  | 90.3      | 24.6557 | 27.6426 |
| 2009 | 6     | 4   | 16   | 17     | 17     | 0.3       | 3.6     | 1.3   | 91.7      | 24.6557 | 28.4393 |
| 2009 | 6     | 4   | 16   | 27     | 17     | 0.3       | 3.6     | 1.28  | 90.7      | 24.6557 | 27.8599 |
| 2009 | 6     | 4   | 16   | 37     | 17     | 0.3       | 3.6     | 1.23  | 92.1      | 24.6781 | 26.9438 |
| 2009 | 6     | 4   | 16   | 47     | 17     | 0.3       | 3.6     | 1.22  | 91.4      | 24.7005 | 26.679  |
| 2009 | 6     | 4   | 16   | 57     | 17     | 0.3       | 3.6     | 1.26  | 92.1      | 24.7229 | 27.5027 |
| 2009 | 6     | 4   | 17   | 7      | 17     | 0.3       | 3.6     | 1.26  | 91.2      | 24.7452 | 27.5285 |
| 2009 | 6     | 4   | 17   | 17     | 17     | 0.3       | 3.6     | 1.29  | 92        | 24.7452 | 28.1827 |
| 2009 | 6     | 4   | 17   | 27     | 17     | 0.3       | 3.6     | 1.26  | 91.8      | 24.7676 | 27.5543 |
| 2009 | 6     | 4   | 17   | 37     | 17     | 0.3       | 3.6     | 1.28  | 89.3      | 24.7676 | 27.9908 |
| 2009 | 6     | 4   | 17   | 47     | 17     | 0.3       | 3.6     | 1.28  | 91        | 24.79   | 28.1627 |
| 2009 | 6     | 4   | 17   | 57     | 17     | 0.3       | 3.6     | 1.27  | 92.1      | 24.8123 | 27.8974 |
| 2009 | 6     | 4   | 18   | 7      | 17     | 0.3       | 3.6     | 1.24  | 91.2      | 24.8123 | 27.2414 |
| 2009 | 6     | 4   | 18   | 17     | 17     | 0.3       | 3.6     | 1.27  | 91.5      | 24.8123 | 27.8245 |
| 2009 | 6     | 4   | 18   | 27     | 17     | 0.3       | 3.6     | 1.28  | 92.2      | 24.8123 | 28.189  |
| 2009 | 6     | 4   | 18   | 37     | 17     | 0.3       | 3.6     | 1.28  | 91.2      | 24.8347 | 28.2153 |
| 2009 | 6     | 4   | 18   | 47     | 17     | 0.3       | 3.6     | 1.25  | 92        | 24.8347 | 27.4857 |
| 2009 | 6     | 4   | 18   | 57     | 17     | 0.3       | 3.6     | 1.29  | 90.4      | 24.8347 | 28.3612 |
| 2009 | 6     | 4   | 19   | 7      | 17     | 0.3       | 3.6     | 1.31  | 90.7      | 24.8347 | 28.7261 |
| 2009 | 6     | 4   | 19   | 17     | 17     | 0.3       | 3.6     | 1.27  | 92.1      | 24.857  | 28.0225 |
| 2009 | 6     | 4   | 19   | 27     | 17     | 0.3       | 3.6     | 1.26  | 91.5      | 24.857  | 27.7304 |
| 2009 | 6     | 4   | 19   | 37     | 17     | 0.3       | 3.6     | 1.32  | 91.4      | 24.857  | 29.1182 |
| 2009 | 6     | 4   | 19   | 47     | 17     | 0.3       | 3.6     | 1.26  | 91        | 24.857  | 27.8034 |
| 2009 | 6     | 4   | 19   | 57     | 17     | 0.3       | 3.6     | 1.28  | 91.5      | 24.8794 | 28.1217 |
| 2009 | 6     | 4   | 20   | 7      | 17     | 0.3       | 3.6     | 1.29  | 91.2      | 24.8794 | 28.4141 |
| 2009 | 6     | 4   | 20   | 17     | 17     | 0.3       | 3.6     | 1.28  | 90.7      | 24.8794 | 28.1948 |
| 2009 | 6     | 4   | 20   | 27     | 17     | 0.3       | 3.6     | 1.33  | 90.9      | 24.9017 | 29.2457 |
| 2009 | 6     | 4   | 20   | 37     | 17     | 0.3       | 3.6     | 1.27  | 91.2      | 24.9017 | 27.9283 |
| 2009 | 6     | 4   | 20   | 47     | 17     | 0.3       | 3.6     | 1.29  | 91.6      | 24.9464 | 28.5667 |
| 2009 | 6     | 4   | 20   | 57     | 17     | 0.3       | 3.6     | 1.24  | 91.5      | 24.9464 | 27.4671 |
| 2009 | 6     | 4   | 21   | 7      | 17     | 0.3       | 3.6     | 1.32  | 90.6      | 24.991  | 29.2074 |
| 2009 | 6     | 4   | 21   | 17     | 17     | 0.3       | 3.6     | 1.31  | 91        | 24.991  | 28.9135 |
| 2009 | 6     | 4   | 21   | 27     | 17     | 0.3       | 3.6     | 1.28  | 91        | 25.0133 | 28.3521 |
| 2009 | 6     | 4   | 21   | 37     | 17     | 0.3       | 3.6     | 1.29  | 90.6      | 25.0133 | 28.6461 |
| 2009 | 6     | 4   | 21   | 47     | 17     | 0.3       | 3.6     | 1.26  | 90.9      | 25.0356 | 27.8632 |
| 2009 | 6     | 4   | 21   | 57     | 17     | 0.3       | 3.6     | 1.31  | 92.9      | 25.0356 | 28.967  |
| 2009 | 6     | 4   | 22   | 7      | 17     | 0.3       | 3.6     | 1.33  | 92        | 25.0579 | 29.5094 |
| 2009 | 6     | 4   | 22   | 17     | 17     | 0.3       | 3.6     | 1.31  | 92.6      | 25.0579 | 28.9937 |
| 2009 | 6     | 4   | 22   | 27     | 17     | 0.3       | 3.6     | 1.3   | 92.7      | 25.0579 | 28.8464 |
| 2009 | 6     | 4   | 22   | 37     | 17     | 0.3       | 3.6     | 1.29  | 91        | 25.0579 | 28.5518 |
| 2009 | 6     | 4   | 22   | 47     | 17     | 0.3       | 3.6     | 1.32  | 90.6      | 25.0579 | 29.2147 |
| 2009 | 6     | 4   | 22   | 57     | 17     | 0.3       | 3.6     | 1.3   | 91.7      | 25.0802 | 28.9467 |
| 2009 | 6     | 4   | 23   | 7      | 17     | 0.3       | 3.6     | 1.27  | 91.2      | 25.0802 | 28.1358 |
| 2009 | 6     | 4   | 23   | 17     | 17     | 0.3       | 3.6     | 1.31  | 90.7      | 25.0802 | 29.0204 |
| 2009 | 6     | 4   | 23   | 27     | 17     | 0.3       | 3.6     | 1.29  | 91.7      | 25.0802 | 28.7255 |
| 2009 | 6     | 4   | 23   | 37     | 17     | 0.3       | 3.6     | 1.3   | 91.2      | 25.0802 | 28.873  |
| 2009 | 6     | 4   | 23   | 47     | 17     | 0.3       | 3.6     | 1.33  | 90.7      | 25.1025 | 29.49   |
| 2009 | 6     | 4   | 23   | 57     | 17     | 0.3       | 3.6     | 1.32  | 91.9      | 25.1025 | 29.2686 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 5   | 0    | 7      | 17     | 0.3       | 3.6     | 1.32  | 91.3      | 25.1025 | 29.3424 |
| 2009 | 6     | 5   | 0    | 17     | 17     | 0.3       | 3.6     | 1.3   | 90.7      | 25.1248 | 29      |
| 2009 | 6     | 5   | 0    | 27     | 17     | 0.3       | 3.6     | 1.32  | 90        | 25.1248 | 29.2955 |
| 2009 | 6     | 5   | 0    | 37     | 17     | 0.3       | 3.9     | 1.29  | 91        | 25.1471 | 28.657  |
| 2009 | 6     | 5   | 0    | 47     | 17     | 0.3       | 3.9     | 1.3   | 91        | 25.1471 | 28.9527 |
| 2009 | 6     | 5   | 0    | 57     | 17     | 0.3       | 3.9     | 1.34  | 91.8      | 25.1693 | 29.9415 |
| 2009 | 6     | 5   | 1    | 7      | 17     | 0.3       | 3.9     | 1.27  | 91.6      | 25.2139 | 28.2912 |
| 2009 | 6     | 5   | 1    | 17     | 17     | 0.3       | 3.9     | 1.31  | 91.9      | 25.2361 | 29.2074 |
| 2009 | 6     | 5   | 1    | 27     | 17     | 0.3       | 3.9     | 1.3   | 93.5      | 25.2361 | 28.9106 |
| 2009 | 6     | 5   | 1    | 37     | 17     | 0.3       | 3.9     | 1.3   | 93        | 25.2584 | 29.0113 |
| 2009 | 6     | 5   | 1    | 47     | 17     | 0.3       | 3.9     | 1.32  | 90.6      | 25.2806 | 29.5582 |
| 2009 | 6     | 5   | 1    | 57     | 17     | 0.3       | 3.9     | 1.31  | 90.4      | 25.2806 | 29.4095 |
| 2009 | 6     | 5   | 2    | 7      | 17     | 0.3       | 3.9     | 1.33  | 92.7      | 25.2806 | 29.7813 |
| 2009 | 6     | 5   | 2    | 17     | 17     | 0.3       | 3.9     | 1.3   | 91.3      | 25.3028 | 29.2131 |
| 2009 | 6     | 5   | 2    | 27     | 17     | 0.3       | 3.9     | 1.32  | 92        | 25.3028 | 29.6596 |
| 2009 | 6     | 5   | 2    | 37     | 17     | 0.3       | 3.9     | 1.33  | 90.8      | 25.3028 | 29.8084 |
| 2009 | 6     | 5   | 2    | 47     | 17     | 0.3       | 3.9     | 1.33  | 90.3      | 25.3028 | 29.734  |
| 2009 | 6     | 5   | 2    | 57     | 17     | 0.3       | 3.9     | 1.33  | 91.3      | 25.3251 | 29.9101 |
| 2009 | 6     | 5   | 3    | 7      | 17     | 0.3       | 3.9     | 1.32  | 91        | 25.3251 | 29.5376 |
| 2009 | 6     | 5   | 3    | 17     | 17     | 0.3       | 3.9     | 1.3   | 93.2      | 25.3251 | 29.0907 |
| 2009 | 6     | 5   | 3    | 27     | 17     | 0.3       | 3.9     | 1.28  | 92.4      | 25.3473 | 28.67   |
| 2009 | 6     | 5   | 3    | 37     | 17     | 0.3       | 3.9     | 1.3   | 92.6      | 25.3473 | 29.1172 |
| 2009 | 6     | 5   | 3    | 47     | 17     | 0.3       | 3.9     | 1.33  | 90.4      | 25.3473 | 29.7882 |
| 2009 | 6     | 5   | 3    | 57     | 17     | 0.3       | 3.9     | 1.33  | 91.1      | 25.3473 | 29.9373 |
| 2009 | 6     | 5   | 4    | 7      | 17     | 0.3       | 3.9     | 1.33  | 94.1      | 25.3695 | 29.8899 |
| 2009 | 6     | 5   | 4    | 17     | 17     | 0.3       | 3.9     | 1.33  | 93.8      | 25.3695 | 29.8152 |
| 2009 | 6     | 5   | 4    | 27     | 17     | 0.3       | 3.9     | 1.34  | 91.7      | 25.3695 | 30.1884 |
| 2009 | 6     | 5   | 4    | 37     | 17     | 0.3       | 3.9     | 1.34  | 91.3      | 25.414  | 30.1684 |
| 2009 | 6     | 5   | 4    | 47     | 17     | 0.3       | 3.9     | 1.35  | 91.5      | 25.414  | 30.318  |
| 2009 | 6     | 5   | 4    | 57     | 17     | 0.3       | 3.9     | 1.34  | 90.4      | 25.4584 | 30.2231 |
| 2009 | 6     | 5   | 5    | 7      | 17     | 0.3       | 3.9     | 1.34  | 92        | 25.4584 | 30.298  |
| 2009 | 6     | 5   | 5    | 17     | 17     | 0.3       | 3.9     | 1.32  | 91.7      | 25.4806 | 29.8756 |
| 2009 | 6     | 5   | 5    | 27     | 17     | 0.3       | 3.9     | 1.35  | 91.5      | 25.4806 | 30.4753 |
| 2009 | 6     | 5   | 5    | 37     | 17     | 0.3       | 3.9     | 1.34  | 91.7      | 25.5027 | 30.3528 |
| 2009 | 6     | 5   | 5    | 47     | 17     | 0.3       | 3.9     | 1.35  | 92.5      | 25.5027 | 30.4278 |
| 2009 | 6     | 5   | 5    | 57     | 17     | 0.3       | 3.9     | 1.33  | 93.8      | 25.5249 | 30.1548 |
| 2009 | 6     | 5   | 6    | 7      | 17     | 0.3       | 3.9     | 1.33  | 91.7      | 25.5249 | 30.0797 |
| 2009 | 6     | 5   | 6    | 17     | 17     | 0.3       | 3.9     | 1.31  | 91.3      | 25.5471 | 29.731  |
| 2009 | 6     | 5   | 6    | 27     | 17     | 0.3       | 3.9     | 1.33  | 91.3      | 25.5249 | 30.1548 |
| 2009 | 6     | 5   | 6    | 37     | 17     | 0.3       | 3.9     | 1.34  | 90.8      | 25.5471 | 30.4075 |
| 2009 | 6     | 5   | 6    | 47     | 17     | 0.3       | 3.9     | 1.36  | 92.1      | 25.5471 | 30.7082 |
| 2009 | 6     | 5   | 6    | 57     | 17     | 0.3       | 3.9     | 1.35  | 92.2      | 25.5471 | 30.4827 |
| 2009 | 6     | 5   | 7    | 7      | 17     | 0.3       | 3.9     | 1.33  | 91.7      | 25.5693 | 30.0587 |
| 2009 | 6     | 5   | 7    | 17     | 17     | 0.3       | 3.9     | 1.31  | 92        | 25.5693 | 29.7577 |
| 2009 | 6     | 5   | 7    | 27     | 17     | 0.3       | 3.9     | 1.34  | 93        | 25.5693 | 30.2844 |
| 2009 | 6     | 5   | 7    | 37     | 17     | 0.3       | 3.9     | 1.37  | 91.5      | 25.5693 | 30.9617 |
| 2009 | 6     | 5   | 7    | 47     | 17     | 0.3       | 3.9     | 1.34  | 91.1      | 25.5914 | 30.4622 |
| 2009 | 6     | 5   | 7    | 57     | 17     | 0.3       | 3.9     | 1.31  | 93.3      | 25.5914 | 29.7845 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 5   | 8    | 7      | 17     | 0.3       | 3.9     | 1.36  | 92.1      | 25.5914 | 30.7635 |
| 2009 | 6     | 5   | 8    | 17     | 17     | 0.3       | 3.9     | 1.37  | 91.1      | 25.5914 | 31.1401 |
| 2009 | 6     | 5   | 8    | 27     | 17     | 0.3       | 3.9     | 1.35  | 93.3      | 25.6136 | 30.7157 |
| 2009 | 6     | 5   | 8    | 37     | 17     | 0.3       | 3.9     | 1.35  | 93.1      | 25.6358 | 30.6678 |
| 2009 | 6     | 5   | 8    | 47     | 17     | 0.3       | 3.9     | 1.32  | 92.4      | 25.6358 | 30.0643 |
| 2009 | 6     | 5   | 8    | 57     | 17     | 0.3       | 3.9     | 1.38  | 92.9      | 25.6358 | 31.4225 |
| 2009 | 6     | 5   | 9    | 7      | 17     | 0.3       | 3.9     | 1.34  | 92.7      | 25.6358 | 30.4415 |
| 2009 | 6     | 5   | 9    | 17     | 17     | 0.3       | 3.9     | 1.34  | 92.4      | 25.6579 | 30.5443 |
| 2009 | 6     | 5   | 9    | 27     | 17     | 0.3       | 3.9     | 1.36  | 93        | 25.68   | 30.9496 |
| 2009 | 6     | 5   | 9    | 37     | 17     | 0.3       | 3.9     | 1.36  | 93        | 25.7022 | 30.9772 |
| 2009 | 6     | 5   | 9    | 47     | 17     | 0.3       | 3.9     | 1.31  | 91.2      | 25.7243 | 29.7935 |
| 2009 | 6     | 5   | 9    | 57     | 17     | 0.3       | 3.9     | 1.36  | 92.8      | 25.7464 | 31.0325 |
| 2009 | 6     | 5   | 10   | 7      | 17     | 0.3       | 3.9     | 1.37  | 93.4      | 25.7464 | 31.1841 |
| 2009 | 6     | 5   | 10   | 17     | 17     | 0.3       | 3.9     | 1.35  | 93.5      | 25.7464 | 30.7294 |
| 2009 | 6     | 5   | 10   | 27     | 17     | 0.3       | 3.9     | 1.39  | 93.2      | 25.7686 | 31.7431 |
| 2009 | 6     | 5   | 10   | 37     | 17     | 0.3       | 3.9     | 1.35  | 91.4      | 25.7907 | 30.8601 |
| 2009 | 6     | 5   | 10   | 47     | 17     | 0.3       | 3.9     | 1.36  | 93        | 25.7907 | 31.1638 |
| 2009 | 6     | 5   | 10   | 57     | 17     | 0.3       | 3.9     | 1.35  | 92.1      | 25.8128 | 30.8115 |
| 2009 | 6     | 5   | 11   | 7      | 17     | 0.3       | 3.9     | 1.36  | 89.6      | 25.8128 | 31.1155 |
| 2009 | 6     | 5   | 11   | 17     | 17     | 0.3       | 3.9     | 1.35  | 91.3      | 25.8128 | 30.9635 |
| 2009 | 6     | 5   | 11   | 27     | 17     | 0.3       | 3.9     | 1.37  | 92.1      | 25.8349 | 31.3713 |
| 2009 | 6     | 5   | 11   | 37     | 17     | 0.3       | 3.9     | 1.4   | 93        | 25.8349 | 31.98   |
| 2009 | 6     | 5   | 11   | 47     | 17     | 0.3       | 3.9     | 1.34  | 91.8      | 25.8349 | 30.7628 |
| 2009 | 6     | 5   | 11   | 57     | 17     | 0.3       | 3.9     | 1.37  | 93.1      | 25.857  | 31.4753 |
| 2009 | 6     | 5   | 12   | 7      | 17     | 0.3       | 3.9     | 1.35  | 92.1      | 25.857  | 30.8662 |
| 2009 | 6     | 5   | 12   | 17     | 17     | 0.3       | 3.9     | 1.36  | 91.1      | 25.857  | 31.0946 |
| 2009 | 6     | 5   | 12   | 27     | 17     | 0.3       | 3.9     | 1.38  | 92.6      | 25.857  | 31.7037 |
| 2009 | 6     | 5   | 12   | 37     | 17     | 0.3       | 3.9     | 1.35  | 92        | 25.8791 | 30.8936 |
| 2009 | 6     | 5   | 12   | 47     | 17     | 0.3       | 3.9     | 1.36  | 90.4      | 25.8791 | 31.3508 |
| 2009 | 6     | 5   | 12   | 57     | 17     | 0.3       | 3.9     | 1.33  | 92.5      | 25.8791 | 30.5888 |
| 2009 | 6     | 5   | 13   | 7      | 17     | 0.3       | 3.9     | 1.37  | 93.4      | 25.8791 | 31.5032 |
| 2009 | 6     | 5   | 13   | 17     | 17     | 0.3       | 3.9     | 1.36  | 91        | 25.8791 | 31.2746 |
| 2009 | 6     | 5   | 13   | 27     | 17     | 0.3       | 3.9     | 1.39  | 91.1      | 25.8791 | 31.9605 |
| 2009 | 6     | 5   | 13   | 37     | 17     | 0.3       | 3.9     | 1.39  | 91.1      | 25.9011 | 31.9888 |
| 2009 | 6     | 5   | 13   | 47     | 17     | 0.3       | 3.9     | 1.35  | 89.9      | 25.9011 | 30.9972 |
| 2009 | 6     | 5   | 13   | 57     | 17     | 0.3       | 3.9     | 1.37  | 92.5      | 25.9011 | 31.3785 |
| 2009 | 6     | 5   | 14   | 7      | 17     | 0.3       | 3.9     | 1.39  | 91.4      | 25.9232 | 31.9407 |
| 2009 | 6     | 5   | 14   | 17     | 17     | 0.3       | 3.9     | 1.4   | 91.5      | 25.9232 | 32.3225 |
| 2009 | 6     | 5   | 14   | 27     | 17     | 0.3       | 3.9     | 1.37  | 92.7      | 25.9232 | 31.4826 |
| 2009 | 6     | 5   | 14   | 37     | 17     | 0.3       | 3.9     | 1.35  | 90.4      | 25.9232 | 31.0246 |
| 2009 | 6     | 5   | 14   | 47     | 17     | 0.3       | 3.9     | 1.33  | 91.6      | 25.9453 | 30.67   |
| 2009 | 6     | 5   | 14   | 57     | 17     | 0.3       | 3.9     | 1.4   | 92        | 25.9453 | 32.2746 |
| 2009 | 6     | 5   | 15   | 7      | 17     | 0.3       | 3.9     | 1.36  | 91.1      | 25.9453 | 31.2048 |
| 2009 | 6     | 5   | 15   | 17     | 17     | 0.3       | 3.9     | 1.39  | 90.4      | 25.9673 | 32.1501 |
| 2009 | 6     | 5   | 15   | 27     | 17     | 0.3       | 3.9     | 1.34  | 90.8      | 25.9673 | 30.9265 |
| 2009 | 6     | 5   | 15   | 37     | 17     | 0.3       | 3.9     | 1.39  | 92.3      | 25.9673 | 31.9206 |
| 2009 | 6     | 5   | 15   | 47     | 17     | 0.3       | 3.9     | 1.37  | 91.2      | 25.9894 | 31.4895 |
| 2009 | 6     | 5   | 15   | 57     | 17     | 0.3       | 3.9     | 1.38  | 91.5      | 25.9894 | 31.7191 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 5   | 16   | 7      | 17     | 0.3       | 3.9     | 1.39  | 91.5      | 26.0114 | 32.0535 |
| 2009 | 6     | 5   | 16   | 17     | 17     | 0.3       | 3.9     | 1.37  | 92.1      | 26.0114 | 31.5172 |
| 2009 | 6     | 5   | 16   | 27     | 17     | 0.3       | 3.9     | 1.38  | 92.6      | 26.0555 | 31.9563 |
| 2009 | 6     | 5   | 16   | 37     | 17     | 0.3       | 3.9     | 1.38  | 92.6      | 26.0555 | 31.8028 |
| 2009 | 6     | 5   | 16   | 47     | 17     | 0.3       | 3.9     | 1.37  | 91.5      | 26.0555 | 31.5726 |
| 2009 | 6     | 5   | 16   | 57     | 17     | 0.3       | 3.9     | 1.37  | 90.7      | 26.0776 | 31.6771 |
| 2009 | 6     | 5   | 17   | 7      | 17     | 0.3       | 3.9     | 1.39  | 93.4      | 26.0776 | 32.0612 |
| 2009 | 6     | 5   | 17   | 17     | 17     | 0.3       | 3.9     | 1.39  | 91.6      | 26.1216 | 32.3483 |
| 2009 | 6     | 5   | 17   | 27     | 17     | 0.3       | 3.9     | 1.39  | 91.6      | 26.1216 | 32.2713 |
| 2009 | 6     | 5   | 17   | 37     | 17     | 0.3       | 3.9     | 1.35  | 92.5      | 26.1216 | 31.194  |
| 2009 | 6     | 5   | 17   | 47     | 17     | 0.3       | 3.9     | 1.4   | 92.5      | 26.1436 | 32.5306 |
| 2009 | 6     | 5   | 17   | 57     | 17     | 0.3       | 3.9     | 1.4   | 91.6      | 26.1436 | 32.6077 |
| 2009 | 6     | 5   | 18   | 7      | 17     | 0.3       | 3.9     | 1.36  | 92.2      | 26.1436 | 31.6064 |
| 2009 | 6     | 5   | 18   | 17     | 17     | 0.3       | 3.9     | 1.37  | 92.3      | 26.1656 | 31.7881 |
| 2009 | 6     | 5   | 18   | 27     | 17     | 0.3       | 3.9     | 1.37  | 94.1      | 26.1656 | 31.7881 |
| 2009 | 6     | 5   | 18   | 37     | 17     | 0.3       | 3.9     | 1.37  | 93.3      | 26.1656 | 31.711  |
| 2009 | 6     | 5   | 18   | 47     | 17     | 0.3       | 3.9     | 1.38  | 91.8      | 26.1656 | 32.0194 |
| 2009 | 6     | 5   | 18   | 57     | 17     | 0.3       | 3.9     | 1.38  | 93.8      | 26.1656 | 32.0194 |
| 2009 | 6     | 5   | 19   | 7      | 17     | 0.3       | 3.9     | 1.38  | 90.8      | 26.1656 | 32.0194 |
| 2009 | 6     | 5   | 19   | 17     | 17     | 0.3       | 3.9     | 1.4   | 92.7      | 26.1656 | 32.559  |
| 2009 | 6     | 5   | 19   | 27     | 17     | 0.3       | 3.9     | 1.42  | 93.3      | 26.1876 | 32.8961 |
| 2009 | 6     | 5   | 19   | 37     | 17     | 0.3       | 3.9     | 1.4   | 93.2      | 26.1876 | 32.5875 |
| 2009 | 6     | 5   | 19   | 47     | 17     | 0.3       | 3.9     | 1.37  | 92.8      | 26.1876 | 31.7387 |
| 2009 | 6     | 5   | 19   | 57     | 17     | 0.3       | 3.9     | 1.39  | 93        | 26.1876 | 32.2016 |
| 2009 | 6     | 5   | 20   | 7      | 17     | 0.3       | 3.9     | 1.4   | 91.9      | 26.1876 | 32.6646 |
| 2009 | 6     | 5   | 20   | 17     | 17     | 0.3       | 3.9     | 1.38  | 92        | 26.2096 | 32.1525 |
| 2009 | 6     | 5   | 20   | 27     | 17     | 0.3       | 3.9     | 1.38  | 92.2      | 26.2096 | 32.0753 |
| 2009 | 6     | 5   | 20   | 37     | 17     | 0.3       | 3.9     | 1.37  | 92.2      | 26.2096 | 31.7664 |
| 2009 | 6     | 5   | 20   | 47     | 17     | 0.3       | 3.9     | 1.42  | 91.7      | 26.2096 | 33.0021 |
| 2009 | 6     | 5   | 20   | 57     | 17     | 0.3       | 3.9     | 1.39  | 92.6      | 26.2316 | 32.3351 |
| 2009 | 6     | 5   | 21   | 7      | 17     | 0.3       | 3.9     | 1.36  | 92.9      | 26.2316 | 31.5622 |
| 2009 | 6     | 5   | 21   | 17     | 17     | 0.3       | 3.9     | 1.41  | 91.3      | 26.2536 | 32.8274 |
| 2009 | 6     | 5   | 21   | 27     | 17     | 0.3       | 3.9     | 1.41  | 91.5      | 26.2756 | 33.0108 |
| 2009 | 6     | 5   | 21   | 37     | 17     | 0.3       | 3.9     | 1.39  | 91.5      | 26.2756 | 32.3913 |
| 2009 | 6     | 5   | 21   | 47     | 17     | 0.3       | 3.9     | 1.37  | 91        | 26.3195 | 32.1373 |
| 2009 | 6     | 5   | 21   | 57     | 17     | 0.3       | 3.9     | 1.4   | 91.3      | 26.3195 | 32.7578 |
| 2009 | 6     | 5   | 22   | 7      | 17     | 0.3       | 3.9     | 1.38  | 91.5      | 26.3414 | 32.1651 |
| 2009 | 6     | 5   | 22   | 17     | 17     | 0.3       | 3.9     | 1.39  | 89.9      | 26.3414 | 32.6309 |
| 2009 | 6     | 5   | 22   | 27     | 17     | 0.3       | 3.9     | 1.39  | 92        | 26.3634 | 32.5037 |
| 2009 | 6     | 5   | 22   | 37     | 17     | 0.3       | 3.9     | 1.36  | 92.6      | 26.3634 | 31.8822 |
| 2009 | 6     | 5   | 22   | 47     | 17     | 0.3       | 3.9     | 1.38  | 92        | 26.3853 | 32.3762 |
| 2009 | 6     | 5   | 22   | 57     | 17     | 0.3       | 3.9     | 1.38  | 93.3      | 26.3853 | 32.3762 |
| 2009 | 6     | 5   | 23   | 7      | 17     | 0.3       | 3.9     | 1.39  | 92.6      | 26.3853 | 32.6095 |
| 2009 | 6     | 5   | 23   | 17     | 17     | 0.3       | 3.9     | 1.4   | 92        | 26.3853 | 32.6873 |
| 2009 | 6     | 5   | 23   | 27     | 17     | 0.3       | 3.9     | 1.39  | 93.4      | 26.3853 | 32.5318 |
| 2009 | 6     | 5   | 23   | 37     | 17     | 0.3       | 3.9     | 1.37  | 92.1      | 26.3853 | 32.0652 |
| 2009 | 6     | 5   | 23   | 47     | 17     | 0.3       | 3.9     | 1.4   | 92.1      | 26.4073 | 32.8712 |
| 2009 | 6     | 5   | 23   | 57     | 17     | 0.3       | 3.9     | 1.41  | 92        | 26.4073 | 33.1826 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 6   | 0    | 7      | 17     | 0.3       | 3.9     | 1.4   | 91.6      | 26.4073 | 32.8712 |
| 2009 | 6     | 6   | 0    | 17     | 17     | 0.3       | 3.9     | 1.43  | 91.4      | 26.4073 | 33.6497 |
| 2009 | 6     | 6   | 0    | 27     | 17     | 0.3       | 3.9     | 1.39  | 91.6      | 26.4073 | 32.6377 |
| 2009 | 6     | 6   | 0    | 37     | 17     | 0.3       | 3.9     | 1.4   | 90.9      | 26.4073 | 32.8712 |
| 2009 | 6     | 6   | 0    | 47     | 17     | 0.3       | 3.9     | 1.37  | 91.6      | 26.4073 | 32.0929 |
| 2009 | 6     | 6   | 0    | 57     | 17     | 0.3       | 3.9     | 1.41  | 91.5      | 26.4073 | 33.1826 |
| 2009 | 6     | 6   | 1    | 7      | 17     | 0.3       | 3.9     | 1.42  | 91.2      | 26.4292 | 33.367  |
| 2009 | 6     | 6   | 1    | 17     | 17     | 0.3       | 3.9     | 1.41  | 92.1      | 26.4292 | 33.0553 |
| 2009 | 6     | 6   | 1    | 27     | 17     | 0.3       | 3.9     | 1.41  | 91.7      | 26.4292 | 33.1332 |
| 2009 | 6     | 6   | 1    | 37     | 17     | 0.3       | 3.9     | 1.43  | 91.7      | 26.4292 | 33.5228 |
| 2009 | 6     | 6   | 1    | 47     | 17     | 0.3       | 3.9     | 1.38  | 91.9      | 26.4292 | 32.3542 |
| 2009 | 6     | 6   | 1    | 57     | 17     | 0.3       | 3.9     | 1.43  | 92.5      | 26.4292 | 33.5228 |
| 2009 | 6     | 6   | 2    | 7      | 17     | 0.3       | 3.9     | 1.42  | 92.5      | 26.4292 | 33.2891 |
| 2009 | 6     | 6   | 2    | 17     | 17     | 0.3       | 3.9     | 1.41  | 92.8      | 26.4511 | 33.0838 |
| 2009 | 6     | 6   | 2    | 27     | 17     | 0.3       | 3.9     | 1.4   | 93.2      | 26.4511 | 32.9278 |
| 2009 | 6     | 6   | 2    | 37     | 17     | 0.3       | 3.9     | 1.41  | 93.1      | 26.4511 | 33.1618 |
| 2009 | 6     | 6   | 2    | 47     | 17     | 0.3       | 3.9     | 1.37  | 92.6      | 26.4511 | 32.2262 |
| 2009 | 6     | 6   | 2    | 57     | 17     | 0.3       | 3.9     | 1.41  | 92.5      | 26.4511 | 33.0058 |
| 2009 | 6     | 6   | 3    | 7      | 17     | 0.3       | 3.9     | 1.41  | 93.2      | 26.4511 | 33.1618 |
| 2009 | 6     | 6   | 3    | 17     | 17     | 0.3       | 3.9     | 1.39  | 93.4      | 26.473  | 32.644  |
| 2009 | 6     | 6   | 3    | 27     | 17     | 0.3       | 3.9     | 1.4   | 92.3      | 26.473  | 32.8781 |
| 2009 | 6     | 6   | 3    | 37     | 17     | 0.3       | 3.9     | 1.38  | 93.6      | 26.4949 | 32.3597 |
| 2009 | 6     | 6   | 3    | 47     | 17     | 0.3       | 3.9     | 1.38  | 93.3      | 26.4949 | 32.5159 |
| 2009 | 6     | 6   | 3    | 57     | 17     | 0.3       | 3.9     | 1.41  | 92.1      | 26.5168 | 33.1692 |
| 2009 | 6     | 6   | 4    | 7      | 17     | 0.3       | 3.9     | 1.41  | 92.4      | 26.5168 | 33.1692 |
| 2009 | 6     | 6   | 4    | 17     | 17     | 0.3       | 3.9     | 1.4   | 92.4      | 26.5387 | 33.0412 |
| 2009 | 6     | 6   | 4    | 27     | 17     | 0.3       | 3.9     | 1.43  | 92.4      | 26.5606 | 33.6961 |
| 2009 | 6     | 6   | 4    | 37     | 17     | 0.3       | 3.9     | 1.39  | 91.9      | 26.5606 | 32.7564 |
| 2009 | 6     | 6   | 4    | 47     | 17     | 0.3       | 3.9     | 1.37  | 92.5      | 26.5825 | 32.2359 |
| 2009 | 6     | 6   | 4    | 57     | 17     | 0.3       | 3.9     | 1.4   | 92.1      | 26.5606 | 33.0696 |
| 2009 | 6     | 6   | 5    | 7      | 17     | 0.3       | 3.9     | 1.38  | 93.1      | 26.5825 | 32.471  |
| 2009 | 6     | 6   | 5    | 17     | 17     | 0.3       | 3.9     | 1.42  | 92.9      | 26.5825 | 33.4115 |
| 2009 | 6     | 6   | 5    | 27     | 17     | 0.3       | 3.9     | 1.41  | 92        | 26.5825 | 33.3331 |
| 2009 | 6     | 6   | 5    | 37     | 17     | 0.3       | 3.9     | 1.41  | 93.5      | 26.6044 | 33.3616 |
| 2009 | 6     | 6   | 5    | 47     | 17     | 0.3       | 3.9     | 1.4   | 93.1      | 26.6044 | 33.1263 |
| 2009 | 6     | 6   | 5    | 57     | 17     | 0.3       | 3.9     | 1.4   | 91.6      | 26.6044 | 33.0478 |
| 2009 | 6     | 6   | 6    | 7      | 17     | 0.3       | 3.9     | 1.41  | 93.5      | 26.6044 | 33.3616 |
| 2009 | 6     | 6   | 6    | 17     | 17     | 0.3       | 3.9     | 1.44  | 91.3      | 26.6044 | 34.0677 |
| 2009 | 6     | 6   | 6    | 27     | 17     | 0.3       | 3.9     | 1.41  | 93.5      | 26.6044 | 33.2047 |
| 2009 | 6     | 6   | 6    | 37     | 17     | 0.3       | 3.9     | 1.41  | 91.1      | 26.6044 | 33.4401 |
| 2009 | 6     | 6   | 6    | 47     | 17     | 0.3       | 3.9     | 1.42  | 93.3      | 26.6044 | 33.4401 |
| 2009 | 6     | 6   | 6    | 57     | 17     | 0.3       | 3.9     | 1.41  | 93.6      | 26.6262 | 33.2331 |
| 2009 | 6     | 6   | 7    | 7      | 17     | 0.3       | 3.9     | 1.41  | 92.9      | 26.6262 | 33.3902 |
| 2009 | 6     | 6   | 7    | 17     | 17     | 0.3       | 3.9     | 1.42  | 92.1      | 26.6262 | 33.4687 |
| 2009 | 6     | 6   | 7    | 27     | 17     | 0.3       | 3.9     | 1.38  | 92.5      | 26.6262 | 32.6051 |
| 2009 | 6     | 6   | 7    | 37     | 17     | 0.3       | 3.9     | 1.4   | 92.5      | 26.6262 | 33.1546 |
| 2009 | 6     | 6   | 7    | 47     | 17     | 0.3       | 3.9     | 1.41  | 92        | 26.6262 | 33.3902 |
| 2009 | 6     | 6   | 7    | 57     | 17     | 0.3       | 3.9     | 1.42  | 92.1      | 26.6262 | 33.7042 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 6   | 8    | 7      | 17     | 0.3       | 3.9     | 1.39  | 91.5      | 26.6262 | 32.8406 |
| 2009 | 6     | 6   | 8    | 17     | 17     | 0.3       | 3.9     | 1.42  | 93.4      | 26.6262 | 33.6257 |
| 2009 | 6     | 6   | 8    | 27     | 17     | 0.3       | 3.9     | 1.4   | 93.1      | 26.6481 | 33.1044 |
| 2009 | 6     | 6   | 8    | 37     | 17     | 0.3       | 3.9     | 1.41  | 93.3      | 26.6481 | 33.3401 |
| 2009 | 6     | 6   | 8    | 47     | 17     | 0.3       | 3.9     | 1.41  | 91.7      | 26.6481 | 33.4187 |
| 2009 | 6     | 6   | 8    | 57     | 17     | 0.3       | 3.9     | 1.4   | 91.5      | 26.6481 | 33.2615 |
| 2009 | 6     | 6   | 9    | 7      | 17     | 0.3       | 3.9     | 1.42  | 92.9      | 26.6481 | 33.6544 |
| 2009 | 6     | 6   | 9    | 17     | 17     | 0.3       | 3.9     | 1.43  | 92.2      | 26.6481 | 33.8116 |
| 2009 | 6     | 6   | 9    | 27     | 17     | 0.3       | 3.9     | 1.4   | 91.9      | 26.6481 | 33.2615 |
| 2009 | 6     | 6   | 9    | 37     | 17     | 0.3       | 3.9     | 1.4   | 91.5      | 26.6481 | 33.2615 |
| 2009 | 6     | 6   | 9    | 47     | 17     | 0.3       | 3.9     | 1.42  | 92.9      | 26.6481 | 33.5758 |
| 2009 | 6     | 6   | 9    | 57     | 17     | 0.3       | 3.9     | 1.41  | 92.8      | 26.6481 | 33.2615 |
| 2009 | 6     | 6   | 10   | 7      | 17     | 0.3       | 3.9     | 1.4   | 92.7      | 26.6699 | 33.2113 |
| 2009 | 6     | 6   | 10   | 17     | 17     | 0.3       | 3.9     | 1.45  | 91.4      | 26.6699 | 34.3911 |
| 2009 | 6     | 6   | 10   | 27     | 17     | 0.3       | 3.9     | 1.41  | 91.9      | 26.6699 | 33.3685 |
| 2009 | 6     | 6   | 10   | 37     | 17     | 0.3       | 3.9     | 1.41  | 91.9      | 26.6699 | 33.3685 |
| 2009 | 6     | 6   | 10   | 47     | 17     | 0.3       | 3.9     | 1.41  | 93.1      | 26.6699 | 33.4472 |
| 2009 | 6     | 6   | 10   | 57     | 17     | 0.3       | 3.9     | 1.46  | 92.5      | 26.6699 | 34.5485 |
| 2009 | 6     | 6   | 11   | 7      | 17     | 0.3       | 3.9     | 1.41  | 92        | 26.6699 | 33.3685 |
| 2009 | 6     | 6   | 11   | 17     | 17     | 0.3       | 3.9     | 1.45  | 91.3      | 26.6918 | 34.3417 |
| 2009 | 6     | 6   | 11   | 27     | 17     | 0.3       | 3.9     | 1.42  | 90.4      | 26.6918 | 33.7119 |
| 2009 | 6     | 6   | 11   | 37     | 17     | 0.3       | 3.9     | 1.44  | 91.3      | 26.6918 | 34.1055 |
| 2009 | 6     | 6   | 11   | 47     | 17     | 0.3       | 3.9     | 1.44  | 91.4      | 26.6918 | 34.1842 |
| 2009 | 6     | 6   | 11   | 57     | 17     | 0.3       | 3.9     | 1.45  | 90.3      | 26.7136 | 34.3709 |
| 2009 | 6     | 6   | 12   | 7      | 17     | 0.3       | 3.9     | 1.4   | 93.2      | 26.6918 | 33.2396 |
| 2009 | 6     | 6   | 12   | 17     | 17     | 0.3       | 3.9     | 1.42  | 92.5      | 26.7136 | 33.583  |
| 2009 | 6     | 6   | 12   | 27     | 17     | 0.3       | 3.9     | 1.42  | 91.3      | 26.7136 | 33.8194 |
| 2009 | 6     | 6   | 12   | 37     | 17     | 0.3       | 3.9     | 1.39  | 92.2      | 26.7136 | 33.0316 |
| 2009 | 6     | 6   | 12   | 47     | 17     | 0.3       | 3.9     | 1.42  | 91.6      | 26.7136 | 33.7406 |
| 2009 | 6     | 6   | 12   | 57     | 17     | 0.3       | 3.9     | 1.44  | 90.9      | 26.7136 | 34.1345 |
| 2009 | 6     | 6   | 13   | 7      | 17     | 0.3       | 3.9     | 1.42  | 93.1      | 26.7136 | 33.583  |
| 2009 | 6     | 6   | 13   | 17     | 17     | 0.3       | 3.9     | 1.45  | 90.9      | 26.7355 | 34.4002 |
| 2009 | 6     | 6   | 13   | 27     | 17     | 0.3       | 3.9     | 1.43  | 91.6      | 26.7355 | 33.927  |
| 2009 | 6     | 6   | 13   | 37     | 17     | 0.3       | 3.9     | 1.43  | 91.7      | 26.7355 | 34.0847 |
| 2009 | 6     | 6   | 13   | 47     | 17     | 0.3       | 3.9     | 1.42  | 91.2      | 26.7355 | 33.6904 |
| 2009 | 6     | 6   | 13   | 57     | 17     | 0.3       | 3.9     | 1.43  | 91.4      | 26.7355 | 34.0847 |
| 2009 | 6     | 6   | 14   | 7      | 17     | 0.3       | 3.9     | 1.43  | 90.8      | 26.7355 | 34.0058 |
| 2009 | 6     | 6   | 14   | 17     | 17     | 0.3       | 3.9     | 1.44  | 92.9      | 26.7573 | 34.2715 |
| 2009 | 6     | 6   | 14   | 27     | 17     | 0.3       | 3.9     | 1.4   | 90.9      | 26.7573 | 33.4034 |
| 2009 | 6     | 6   | 14   | 37     | 17     | 0.3       | 3.9     | 1.4   | 90.7      | 26.7573 | 33.4034 |
| 2009 | 6     | 6   | 14   | 47     | 17     | 0.3       | 3.9     | 1.41  | 92.1      | 26.7573 | 33.4823 |
| 2009 | 6     | 6   | 14   | 57     | 17     | 0.3       | 3.9     | 1.41  | 92.7      | 26.7573 | 33.4823 |
| 2009 | 6     | 6   | 15   | 7      | 17     | 0.3       | 3.9     | 1.43  | 91        | 26.7791 | 34.1426 |
| 2009 | 6     | 6   | 15   | 17     | 17     | 0.3       | 3.9     | 1.44  | 92.2      | 26.7791 | 34.2216 |
| 2009 | 6     | 6   | 15   | 27     | 17     | 0.3       | 3.9     | 1.47  | 90.9      | 26.7791 | 34.9327 |
| 2009 | 6     | 6   | 15   | 37     | 17     | 0.3       | 3.9     | 1.39  | 92.7      | 26.7791 | 33.1158 |
| 2009 | 6     | 6   | 15   | 47     | 17     | 0.3       | 3.9     | 1.43  | 92.1      | 26.7791 | 34.0636 |
| 2009 | 6     | 6   | 15   | 57     | 17     | 0.3       | 3.9     | 1.43  | 92.9      | 26.7791 | 33.9056 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 6   | 16   | 7      | 17     | 0.3       | 3.9     | 1.42  | 93.2      | 26.7791 | 33.6687 |
| 2009 | 6     | 6   | 16   | 17     | 17     | 0.3       | 3.9     | 1.41  | 93.6      | 26.8009 | 33.4601 |
| 2009 | 6     | 6   | 16   | 27     | 17     | 0.3       | 3.9     | 1.42  | 90.7      | 26.8009 | 33.9344 |
| 2009 | 6     | 6   | 16   | 37     | 17     | 0.3       | 3.9     | 1.44  | 91.3      | 26.8009 | 34.3297 |
| 2009 | 6     | 6   | 16   | 47     | 17     | 0.3       | 3.9     | 1.43  | 91.4      | 26.8009 | 34.1715 |
| 2009 | 6     | 6   | 16   | 57     | 17     | 0.3       | 3.9     | 1.47  | 90.9      | 26.8009 | 35.0414 |
| 2009 | 6     | 6   | 17   | 7      | 17     | 0.3       | 3.9     | 1.46  | 90.4      | 26.8009 | 34.8041 |
| 2009 | 6     | 6   | 17   | 17     | 17     | 0.3       | 3.9     | 1.44  | 92.3      | 26.8009 | 34.4087 |
| 2009 | 6     | 6   | 17   | 27     | 17     | 0.3       | 3.9     | 1.43  | 90.9      | 26.8227 | 34.0422 |
| 2009 | 6     | 6   | 17   | 37     | 17     | 0.3       | 3.9     | 1.43  | 90        | 26.8227 | 34.2005 |
| 2009 | 6     | 6   | 17   | 47     | 17     | 0.3       | 3.9     | 1.43  | 90.8      | 26.8009 | 34.1715 |
| 2009 | 6     | 6   | 17   | 57     | 17     | 0.3       | 3.9     | 1.45  | 91.9      | 26.8009 | 34.4878 |
| 2009 | 6     | 6   | 18   | 7      | 17     | 0.3       | 3.9     | 1.46  | 90.8      | 26.8227 | 34.8336 |
| 2009 | 6     | 6   | 18   | 17     | 17     | 0.3       | 3.9     | 1.43  | 93.2      | 26.8009 | 33.9344 |
| 2009 | 6     | 6   | 18   | 27     | 17     | 0.3       | 3.9     | 1.43  | 92.4      | 26.8445 | 33.9918 |
| 2009 | 6     | 6   | 18   | 37     | 17     | 0.3       | 3.9     | 1.45  | 90        | 26.8445 | 34.5462 |
| 2009 | 6     | 6   | 18   | 47     | 17     | 0.3       | 3.9     | 1.41  | 91.3      | 26.8445 | 33.7543 |
| 2009 | 6     | 6   | 18   | 57     | 17     | 0.3       | 3.9     | 1.43  | 91.2      | 26.8445 | 34.071  |
| 2009 | 6     | 6   | 19   | 7      | 17     | 0.3       | 3.9     | 1.46  | 91.8      | 26.8663 | 34.8132 |
| 2009 | 6     | 6   | 19   | 17     | 17     | 0.3       | 3.9     | 1.44  | 92        | 26.8445 | 34.467  |
| 2009 | 6     | 6   | 19   | 27     | 17     | 0.3       | 3.9     | 1.44  | 90.5      | 26.8663 | 34.4961 |
| 2009 | 6     | 6   | 19   | 37     | 17     | 0.3       | 3.9     | 1.43  | 90.9      | 26.8881 | 34.2872 |
| 2009 | 6     | 6   | 19   | 47     | 17     | 0.3       | 3.9     | 1.45  | 91.8      | 26.8881 | 34.6046 |
| 2009 | 6     | 6   | 19   | 57     | 17     | 0.3       | 3.9     | 1.42  | 92.4      | 26.8881 | 33.9699 |
| 2009 | 6     | 6   | 20   | 7      | 17     | 0.3       | 3.9     | 1.44  | 90.8      | 26.8881 | 34.5252 |
| 2009 | 6     | 6   | 20   | 17     | 17     | 0.3       | 3.9     | 1.43  | 92.9      | 26.8881 | 34.2079 |
| 2009 | 6     | 6   | 20   | 27     | 17     | 0.3       | 3.9     | 1.45  | 92.9      | 26.8881 | 34.6046 |
| 2009 | 6     | 6   | 20   | 37     | 17     | 0.3       | 3.9     | 1.43  | 91.1      | 26.8881 | 34.2079 |
| 2009 | 6     | 6   | 20   | 47     | 17     | 0.3       | 3.9     | 1.44  | 92.4      | 26.9098 | 34.3955 |
| 2009 | 6     | 6   | 20   | 57     | 17     | 0.3       | 3.9     | 1.48  | 91.8      | 26.8881 | 35.3187 |
| 2009 | 6     | 6   | 21   | 7      | 17     | 0.3       | 3.9     | 1.45  | 91.8      | 26.9098 | 34.6337 |
| 2009 | 6     | 6   | 21   | 17     | 17     | 0.3       | 3.9     | 1.42  | 92.6      | 26.9098 | 33.9986 |
| 2009 | 6     | 6   | 21   | 27     | 17     | 0.3       | 3.9     | 1.45  | 90.9      | 26.9098 | 34.6337 |
| 2009 | 6     | 6   | 21   | 37     | 17     | 0.3       | 3.9     | 1.48  | 91.4      | 26.9098 | 35.5073 |
| 2009 | 6     | 6   | 21   | 47     | 17     | 0.3       | 3.9     | 1.46  | 93.2      | 26.9098 | 34.872  |
| 2009 | 6     | 6   | 21   | 57     | 17     | 0.3       | 3.9     | 1.44  | 91.8      | 26.9098 | 34.3955 |
| 2009 | 6     | 6   | 22   | 7      | 17     | 0.3       | 3.9     | 1.45  | 91        | 26.9098 | 34.7131 |
| 2009 | 6     | 6   | 22   | 17     | 17     | 0.3       | 3.9     | 1.44  | 92.9      | 26.9316 | 34.4245 |
| 2009 | 6     | 6   | 22   | 27     | 17     | 0.3       | 3.9     | 1.46  | 93.1      | 26.9098 | 34.872  |
| 2009 | 6     | 6   | 22   | 37     | 17     | 0.3       | 3.9     | 1.4   | 93.1      | 26.9316 | 33.5505 |
| 2009 | 6     | 6   | 22   | 47     | 17     | 0.3       | 3.9     | 1.42  | 92.7      | 26.9316 | 33.9477 |
| 2009 | 6     | 6   | 22   | 57     | 17     | 0.3       | 3.9     | 1.46  | 90.9      | 26.9316 | 34.9013 |
| 2009 | 6     | 6   | 23   | 7      | 17     | 0.3       | 3.9     | 1.42  | 91.5      | 26.9316 | 34.0272 |
| 2009 | 6     | 6   | 23   | 17     | 17     | 0.3       | 3.9     | 1.47  | 92.3      | 26.9316 | 35.2192 |
| 2009 | 6     | 6   | 23   | 27     | 17     | 0.3       | 3.9     | 1.42  | 91.3      | 26.9316 | 34.1067 |
| 2009 | 6     | 6   | 23   | 37     | 17     | 0.3       | 3.9     | 1.43  | 91.4      | 26.9316 | 34.1861 |
| 2009 | 6     | 6   | 23   | 47     | 17     | 0.3       | 3.9     | 1.45  | 91        | 26.9316 | 34.6629 |
| 2009 | 6     | 6   | 23   | 57     | 17     | 0.3       | 3.9     | 1.43  | 93.2      | 26.9316 | 34.2656 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 7   | 0    | 7      | 17     | 0.3       | 3.9     | 1.41  | 91.5      | 26.9534 | 33.8968 |
| 2009 | 6     | 7   | 0    | 17     | 17     | 0.3       | 3.9     | 1.43  | 90.9      | 26.9534 | 34.2944 |
| 2009 | 6     | 7   | 0    | 27     | 17     | 0.3       | 3.9     | 1.46  | 91.7      | 26.9534 | 34.9307 |
| 2009 | 6     | 7   | 0    | 37     | 17     | 0.3       | 3.9     | 1.43  | 91.3      | 26.9534 | 34.3739 |
| 2009 | 6     | 7   | 0    | 47     | 17     | 0.3       | 3.9     | 1.44  | 91.4      | 26.9534 | 34.6125 |
| 2009 | 6     | 7   | 0    | 57     | 17     | 0.3       | 3.9     | 1.42  | 91.9      | 26.9534 | 34.0558 |
| 2009 | 6     | 7   | 1    | 7      | 17     | 0.3       | 3.9     | 1.43  | 92.1      | 26.9534 | 34.2944 |
| 2009 | 6     | 7   | 1    | 17     | 17     | 0.3       | 3.9     | 1.42  | 91.7      | 26.9534 | 34.1353 |
| 2009 | 6     | 7   | 1    | 27     | 17     | 0.3       | 3.9     | 1.46  | 91.9      | 26.9534 | 35.0102 |
| 2009 | 6     | 7   | 1    | 37     | 17     | 0.3       | 3.9     | 1.41  | 92.3      | 26.9534 | 33.8173 |
| 2009 | 6     | 7   | 1    | 47     | 17     | 0.3       | 3.9     | 1.41  | 92.4      | 26.9534 | 33.6582 |
| 2009 | 6     | 7   | 1    | 57     | 17     | 0.3       | 3.9     | 1.45  | 90        | 26.9534 | 34.7716 |
| 2009 | 6     | 7   | 2    | 7      | 17     | 0.3       | 3.9     | 1.45  | 93.5      | 26.9534 | 34.6125 |
| 2009 | 6     | 7   | 2    | 17     | 17     | 0.3       | 3.9     | 1.42  | 92.1      | 26.9534 | 33.8968 |
| 2009 | 6     | 7   | 2    | 27     | 17     | 0.3       | 3.9     | 1.48  | 92.8      | 26.9534 | 35.4875 |
| 2009 | 6     | 7   | 2    | 37     | 17     | 0.3       | 3.9     | 1.4   | 93.2      | 26.9534 | 33.4992 |
| 2009 | 6     | 7   | 2    | 47     | 17     | 0.3       | 3.9     | 1.42  | 92.9      | 26.9534 | 34.0558 |
| 2009 | 6     | 7   | 2    | 57     | 17     | 0.3       | 3.9     | 1.47  | 91        | 26.9534 | 35.1693 |
| 2009 | 6     | 7   | 3    | 7      | 17     | 0.3       | 3.9     | 1.49  | 91.8      | 26.9534 | 35.6466 |
| 2009 | 6     | 7   | 3    | 17     | 17     | 0.3       | 3.9     | 1.47  | 91.8      | 26.9534 | 35.1693 |
| 2009 | 6     | 7   | 3    | 27     | 17     | 0.3       | 3.9     | 1.45  | 90.5      | 26.9534 | 34.6921 |
| 2009 | 6     | 7   | 3    | 37     | 17     | 0.3       | 3.9     | 1.43  | 93.4      | 26.9751 | 34.164  |
| 2009 | 6     | 7   | 3    | 47     | 17     | 0.3       | 3.9     | 1.45  | 92.1      | 26.9534 | 34.8511 |
| 2009 | 6     | 7   | 3    | 57     | 17     | 0.3       | 3.9     | 1.46  | 92.4      | 26.9534 | 35.0102 |
| 2009 | 6     | 7   | 4    | 7      | 17     | 0.3       | 3.9     | 1.45  | 92.1      | 26.9534 | 34.7716 |
| 2009 | 6     | 7   | 4    | 17     | 17     | 0.3       | 3.9     | 1.47  | 91.7      | 26.9534 | 35.3284 |
| 2009 | 6     | 7   | 4    | 27     | 17     | 0.3       | 3.9     | 1.42  | 92.5      | 26.9534 | 33.8968 |
| 2009 | 6     | 7   | 4    | 37     | 17     | 0.3       | 3.9     | 1.44  | 91.4      | 26.9534 | 34.6125 |
| 2009 | 6     | 7   | 4    | 47     | 17     | 0.3       | 3.9     | 1.43  | 91.8      | 26.9534 | 34.2944 |
| 2009 | 6     | 7   | 4    | 57     | 17     | 0.3       | 3.9     | 1.47  | 91.9      | 26.9534 | 35.3284 |
| 2009 | 6     | 7   | 5    | 7      | 17     | 0.3       | 3.9     | 1.43  | 92.5      | 26.9534 | 34.1353 |
| 2009 | 6     | 7   | 5    | 17     | 17     | 0.3       | 3.9     | 1.42  | 93.3      | 26.9534 | 33.8968 |
| 2009 | 6     | 7   | 5    | 27     | 17     | 0.3       | 3.9     | 1.47  | 91.9      | 26.9751 | 35.1989 |
| 2009 | 6     | 7   | 5    | 37     | 17     | 0.3       | 3.9     | 1.45  | 92.1      | 26.9751 | 34.7212 |
| 2009 | 6     | 7   | 5    | 47     | 17     | 0.3       | 3.9     | 1.43  | 91.3      | 26.9751 | 34.2436 |
| 2009 | 6     | 7   | 5    | 57     | 17     | 0.3       | 3.9     | 1.46  | 91.3      | 26.9751 | 35.0396 |
| 2009 | 6     | 7   | 6    | 7      | 17     | 0.3       | 3.9     | 1.47  | 91.2      | 26.9751 | 35.1989 |
| 2009 | 6     | 7   | 6    | 17     | 17     | 0.3       | 3.9     | 1.42  | 90.9      | 26.9751 | 34.0048 |
| 2009 | 6     | 7   | 6    | 27     | 17     | 0.3       | 3.9     | 1.43  | 92.4      | 26.9751 | 34.2436 |
| 2009 | 6     | 7   | 6    | 37     | 17     | 0.3       | 3.9     | 1.45  | 92.7      | 26.9751 | 34.7212 |
| 2009 | 6     | 7   | 6    | 47     | 17     | 0.3       | 3.9     | 1.48  | 91.7      | 26.9751 | 35.5174 |
| 2009 | 6     | 7   | 6    | 57     | 17     | 0.3       | 3.9     | 1.41  | 93.5      | 26.9751 | 33.7661 |
| 2009 | 6     | 7   | 7    | 7      | 17     | 0.3       | 3.9     | 1.4   | 92.8      | 26.9751 | 33.4478 |
| 2009 | 6     | 7   | 7    | 17     | 17     | 0.3       | 3.9     | 1.45  | 91.9      | 26.9751 | 34.7212 |
| 2009 | 6     | 7   | 7    | 27     | 17     | 0.3       | 3.9     | 1.47  | 93.5      | 26.9751 | 35.1989 |
| 2009 | 6     | 7   | 7    | 37     | 17     | 0.3       | 3.9     | 1.46  | 92.5      | 26.9969 | 34.9894 |
| 2009 | 6     | 7   | 7    | 47     | 17     | 0.3       | 3.9     | 1.42  | 92.1      | 26.9969 | 34.113  |
| 2009 | 6     | 7   | 7    | 57     | 17     | 0.3       | 3.9     | 1.42  | 92.4      | 26.9969 | 34.0334 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 7   | 8    | 7      | 17     | 0.3       | 3.9     | 1.44  | 92        | 26.9969 | 34.591  |
| 2009 | 6     | 7   | 8    | 17     | 17     | 0.3       | 3.9     | 1.44  | 92        | 26.9969 | 34.5113 |
| 2009 | 6     | 7   | 8    | 27     | 17     | 0.3       | 3.9     | 1.43  | 91.4      | 26.9969 | 34.352  |
| 2009 | 6     | 7   | 8    | 37     | 17     | 0.3       | 3.9     | 1.45  | 92.6      | 26.9969 | 34.6707 |
| 2009 | 6     | 7   | 8    | 47     | 17     | 0.3       | 3.9     | 1.46  | 93.2      | 27.0186 | 35.0187 |
| 2009 | 6     | 7   | 8    | 57     | 17     | 0.3       | 3.9     | 1.45  | 91.4      | 26.9969 | 34.9097 |
| 2009 | 6     | 7   | 9    | 7      | 17     | 0.3       | 3.9     | 1.46  | 91.3      | 26.9969 | 35.1487 |
| 2009 | 6     | 7   | 9    | 17     | 17     | 0.3       | 3.9     | 1.47  | 89.6      | 27.0186 | 35.2579 |
| 2009 | 6     | 7   | 9    | 27     | 17     | 0.3       | 3.9     | 1.47  | 91.8      | 26.9969 | 35.3081 |
| 2009 | 6     | 7   | 9    | 37     | 17     | 0.3       | 3.9     | 1.42  | 91.9      | 26.9969 | 34.113  |
| 2009 | 6     | 7   | 9    | 47     | 17     | 0.3       | 3.9     | 1.41  | 92.1      | 26.9969 | 33.7944 |
| 2009 | 6     | 7   | 9    | 57     | 17     | 0.3       | 3.9     | 1.45  | 92.5      | 27.0186 | 34.7795 |
| 2009 | 6     | 7   | 10   | 7      | 17     | 0.3       | 3.9     | 1.44  | 93.1      | 26.9969 | 34.5113 |
| 2009 | 6     | 7   | 10   | 17     | 17     | 0.3       | 3.9     | 1.44  | 92.4      | 26.9969 | 34.5113 |
| 2009 | 6     | 7   | 10   | 27     | 17     | 0.3       | 3.9     | 1.43  | 92.4      | 27.0186 | 34.3808 |
| 2009 | 6     | 7   | 10   | 37     | 17     | 0.3       | 3.9     | 1.47  | 91.4      | 26.9969 | 35.3878 |
| 2009 | 6     | 7   | 10   | 47     | 17     | 0.3       | 3.9     | 1.45  | 92.5      | 27.0186 | 34.8592 |
| 2009 | 6     | 7   | 10   | 57     | 17     | 0.3       | 3.9     | 1.46  | 90.9      | 27.0186 | 35.1782 |
| 2009 | 6     | 7   | 11   | 7      | 17     | 0.3       | 3.9     | 1.44  | 91.8      | 26.9969 | 34.6707 |
| 2009 | 6     | 7   | 11   | 17     | 17     | 0.3       | 3.9     | 1.45  | 91.4      | 27.0186 | 34.7795 |
| 2009 | 6     | 7   | 11   | 27     | 17     | 0.3       | 3.9     | 1.46  | 91.4      | 26.9969 | 34.9894 |
| 2009 | 6     | 7   | 11   | 37     | 17     | 0.3       | 3.9     | 1.45  | 93.3      | 26.9969 | 34.6707 |
| 2009 | 6     | 7   | 11   | 47     | 17     | 0.3       | 3.9     | 1.44  | 90.9      | 27.0186 | 34.62   |
| 2009 | 6     | 7   | 11   | 57     | 17     | 0.3       | 3.9     | 1.46  | 90.5      | 27.0186 | 35.1782 |
| 2009 | 6     | 7   | 12   | 7      | 17     | 0.3       | 3.9     | 1.48  | 90.4      | 27.0186 | 35.5769 |
| 2009 | 6     | 7   | 12   | 17     | 17     | 0.3       | 3.9     | 1.45  | 90.3      | 27.0186 | 34.8592 |
| 2009 | 6     | 7   | 12   | 27     | 17     | 0.3       | 3.9     | 1.44  | 91.2      | 27.0186 | 34.5403 |
| 2009 | 6     | 7   | 12   | 37     | 17     | 0.3       | 3.9     | 1.44  | 91.6      | 27.0186 | 34.6997 |
| 2009 | 6     | 7   | 12   | 47     | 17     | 0.3       | 3.9     | 1.47  | 91        | 27.0186 | 35.2579 |
| 2009 | 6     | 7   | 12   | 57     | 17     | 0.3       | 3.9     | 1.46  | 91.8      | 27.0186 | 35.1782 |
| 2009 | 6     | 7   | 13   | 7      | 17     | 0.3       | 3.9     | 1.47  | 91.4      | 27.0186 | 35.2579 |
| 2009 | 6     | 7   | 13   | 17     | 17     | 0.3       | 3.9     | 1.43  | 90.7      | 27.0186 | 34.3808 |
| 2009 | 6     | 7   | 13   | 27     | 17     | 0.3       | 3.9     | 1.44  | 90.8      | 27.0186 | 34.6997 |
| 2009 | 6     | 7   | 13   | 37     | 17     | 0.3       | 3.9     | 1.46  | 91.4      | 27.0186 | 35.0187 |
| 2009 | 6     | 7   | 13   | 47     | 17     | 0.3       | 3.9     | 1.46  | 91.2      | 27.0186 | 35.0984 |
| 2009 | 6     | 7   | 13   | 57     | 17     | 0.3       | 3.9     | 1.44  | 90.3      | 27.0186 | 34.5403 |
| 2009 | 6     | 7   | 14   | 7      | 17     | 0.3       | 3.9     | 1.44  | 91        | 27.0186 | 34.5403 |
| 2009 | 6     | 7   | 14   | 17     | 17     | 0.3       | 3.9     | 1.45  | 90.3      | 27.0186 | 34.7795 |
| 2009 | 6     | 7   | 14   | 27     | 17     | 0.3       | 3.9     | 1.45  | 90.6      | 27.0186 | 34.9389 |
| 2009 | 6     | 7   | 14   | 37     | 17     | 0.3       | 3.9     | 1.45  | 92.3      | 27.0186 | 34.9389 |
| 2009 | 6     | 7   | 14   | 47     | 17     | 0.3       | 3.9     | 1.45  | 92.6      | 27.0186 | 34.8592 |
| 2009 | 6     | 7   | 14   | 57     | 17     | 0.3       | 3.9     | 1.44  | 92        | 27.0186 | 34.6997 |
| 2009 | 6     | 7   | 15   | 7      | 17     | 0.3       | 3.9     | 1.45  | 89.4      | 27.0186 | 34.7795 |
| 2009 | 6     | 7   | 15   | 17     | 17     | 0.3       | 3.9     | 1.45  | 90        | 27.0186 | 34.7795 |
| 2009 | 6     | 7   | 15   | 27     | 17     | 0.3       | 3.9     | 1.49  | 90.8      | 27.0403 | 35.926  |
| 2009 | 6     | 7   | 15   | 37     | 17     | 0.3       | 3.9     | 1.45  | 90        | 27.0186 | 34.7795 |
| 2009 | 6     | 7   | 15   | 47     | 17     | 0.3       | 3.9     | 1.47  | 91.4      | 27.0186 | 35.2579 |
| 2009 | 6     | 7   | 15   | 57     | 17     | 0.3       | 3.9     | 1.47  | 91.5      | 27.0186 | 35.3377 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 7   | 16   | 7      | 17     | 0.3       | 3.9     | 1.46  | 91.7      | 27.0186 | 35.1782 |
| 2009 | 6     | 7   | 16   | 17     | 17     | 0.3       | 3.9     | 1.44  | 92.5      | 27.0186 | 34.5403 |
| 2009 | 6     | 7   | 16   | 27     | 17     | 0.3       | 3.9     | 1.49  | 90.9      | 27.0186 | 35.8162 |
| 2009 | 6     | 7   | 16   | 37     | 17     | 0.3       | 3.9     | 1.47  | 90.9      | 27.0186 | 35.3377 |
| 2009 | 6     | 7   | 16   | 47     | 17     | 0.3       | 3.9     | 1.45  | 90.4      | 27.0186 | 34.8592 |
| 2009 | 6     | 7   | 16   | 57     | 17     | 0.3       | 3.9     | 1.47  | 89.7      | 27.0186 | 35.3377 |
| 2009 | 6     | 7   | 17   | 7      | 17     | 0.3       | 3.9     | 1.43  | 92.1      | 27.0186 | 34.4605 |
| 2009 | 6     | 7   | 17   | 17     | 17     | 0.3       | 3.9     | 1.43  | 91.4      | 27.0186 | 34.4605 |
| 2009 | 6     | 7   | 17   | 27     | 17     | 0.3       | 3.9     | 1.41  | 91.6      | 27.0186 | 33.8228 |
| 2009 | 6     | 7   | 17   | 37     | 17     | 0.3       | 3.9     | 1.45  | 91.9      | 27.0186 | 34.8592 |
| 2009 | 6     | 7   | 17   | 47     | 17     | 0.3       | 3.9     | 1.44  | 90.9      | 27.0186 | 34.6997 |
| 2009 | 6     | 7   | 17   | 57     | 17     | 0.3       | 3.9     | 1.47  | 90.4      | 27.0186 | 35.4174 |
| 2009 | 6     | 7   | 18   | 7      | 17     | 0.3       | 3.9     | 1.45  | 90.3      | 27.0186 | 34.9389 |
| 2009 | 6     | 7   | 18   | 17     | 17     | 0.3       | 3.9     | 1.48  | 90.1      | 26.9969 | 35.4675 |
| 2009 | 6     | 7   | 18   | 27     | 17     | 0.3       | 3.9     | 1.46  | 91.2      | 26.9969 | 34.9894 |
| 2009 | 6     | 7   | 18   | 37     | 17     | 0.3       | 3.9     | 1.47  | 91.2      | 26.9969 | 35.2284 |
| 2009 | 6     | 7   | 18   | 47     | 17     | 0.3       | 3.9     | 1.47  | 91.9      | 26.9969 | 35.3878 |
| 2009 | 6     | 7   | 18   | 57     | 17     | 0.3       | 3.9     | 1.45  | 89.9      | 26.9969 | 34.83   |
| 2009 | 6     | 7   | 19   | 7      | 17     | 0.3       | 3.9     | 1.46  | 90.9      | 26.9969 | 35.069  |
| 2009 | 6     | 7   | 19   | 17     | 17     | 0.3       | 3.9     | 1.45  | 91.9      | 26.9969 | 34.83   |
| 2009 | 6     | 7   | 19   | 27     | 17     | 0.3       | 3.9     | 1.47  | 90.9      | 26.9969 | 35.2284 |
| 2009 | 6     | 7   | 19   | 37     | 17     | 0.3       | 3.9     | 1.43  | 90.9      | 26.9969 | 34.352  |
| 2009 | 6     | 7   | 19   | 47     | 17     | 0.3       | 3.9     | 1.45  | 90.8      | 26.9969 | 34.83   |
| 2009 | 6     | 7   | 19   | 57     | 17     | 0.3       | 3.9     | 1.46  | 91.4      | 26.9969 | 35.1487 |
| 2009 | 6     | 7   | 20   | 7      | 17     | 0.3       | 3.9     | 1.45  | 91.4      | 26.9969 | 34.7503 |
| 2009 | 6     | 7   | 20   | 17     | 17     | 0.3       | 3.9     | 1.46  | 91.5      | 26.9969 | 34.9894 |
| 2009 | 6     | 7   | 20   | 27     | 17     | 0.3       | 3.9     | 1.45  | 90.1      | 26.9969 | 34.9097 |
| 2009 | 6     | 7   | 20   | 37     | 17     | 0.3       | 3.9     | 1.46  | 90.9      | 26.9969 | 35.069  |
| 2009 | 6     | 7   | 20   | 47     | 17     | 0.3       | 3.9     | 1.44  | 91.3      | 26.9969 | 34.5113 |
| 2009 | 6     | 7   | 20   | 57     | 17     | 0.3       | 3.9     | 1.45  | 91.2      | 26.9969 | 34.9097 |
| 2009 | 6     | 7   | 21   | 7      | 17     | 0.3       | 3.9     | 1.46  | 91.9      | 26.9969 | 34.9894 |
| 2009 | 6     | 7   | 21   | 17     | 17     | 0.3       | 3.9     | 1.45  | 90.9      | 26.9969 | 34.83   |
| 2009 | 6     | 7   | 21   | 27     | 17     | 0.3       | 3.9     | 1.43  | 91.4      | 26.9969 | 34.4317 |
| 2009 | 6     | 7   | 21   | 37     | 17     | 0.3       | 3.9     | 1.42  | 90.9      | 26.9969 | 34.1927 |
| 2009 | 6     | 7   | 21   | 47     | 17     | 0.3       | 3.9     | 1.45  | 91.6      | 26.9969 | 34.83   |
| 2009 | 6     | 7   | 21   | 57     | 17     | 0.3       | 3.9     | 1.44  | 90.9      | 26.9969 | 34.5113 |
| 2009 | 6     | 7   | 22   | 7      | 17     | 0.3       | 3.9     | 1.44  | 90.9      | 26.9969 | 34.5113 |
| 2009 | 6     | 7   | 22   | 17     | 17     | 0.3       | 3.9     | 1.48  | 91.3      | 26.9969 | 35.5472 |
| 2009 | 6     | 7   | 22   | 27     | 17     | 0.3       | 3.9     | 1.46  | 91.7      | 26.9751 | 34.96   |
| 2009 | 6     | 7   | 22   | 37     | 17     | 0.3       | 3.9     | 1.42  | 90.3      | 26.9751 | 34.0844 |
| 2009 | 6     | 7   | 22   | 47     | 17     | 0.3       | 3.9     | 1.44  | 91.7      | 26.9751 | 34.6416 |
| 2009 | 6     | 7   | 22   | 57     | 17     | 0.3       | 3.9     | 1.4   | 92.8      | 26.9969 | 33.4759 |
| 2009 | 6     | 7   | 23   | 7      | 17     | 0.3       | 3.9     | 1.43  | 91.4      | 26.9969 | 34.352  |
| 2009 | 6     | 7   | 23   | 17     | 17     | 0.3       | 3.9     | 1.46  | 90.5      | 26.9969 | 35.069  |
| 2009 | 6     | 7   | 23   | 27     | 17     | 0.3       | 3.9     | 1.45  | 91.4      | 26.9751 | 34.7212 |
| 2009 | 6     | 7   | 23   | 37     | 17     | 0.3       | 3.9     | 1.44  | 94.1      | 26.9969 | 34.4317 |
| 2009 | 6     | 7   | 23   | 47     | 17     | 0.3       | 3.9     | 1.46  | 93.7      | 26.9751 | 34.8804 |
| 2009 | 6     | 7   | 23   | 57     | 17     | 0.3       | 3.9     | 1.45  | 91.9      | 26.9751 | 34.8008 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 8   | 0    | 7      | 17     | 0.3       | 3.9     | 1.45  | 91.9      | 26.9969 | 34.9097 |
| 2009 | 6     | 8   | 0    | 17     | 17     | 0.3       | 3.9     | 1.46  | 92.8      | 26.9969 | 35.069  |
| 2009 | 6     | 8   | 0    | 27     | 17     | 0.3       | 3.9     | 1.43  | 91.8      | 26.9969 | 34.4317 |
| 2009 | 6     | 8   | 0    | 37     | 17     | 0.3       | 3.9     | 1.45  | 92.3      | 26.9969 | 34.9097 |
| 2009 | 6     | 8   | 0    | 47     | 17     | 0.3       | 3.9     | 1.44  | 91.7      | 26.9751 | 34.562  |
| 2009 | 6     | 8   | 0    | 57     | 17     | 0.3       | 3.9     | 1.45  | 91.9      | 26.9751 | 34.8804 |
| 2009 | 6     | 8   | 1    | 7      | 17     | 0.3       | 3.9     | 1.43  | 91.6      | 26.9751 | 34.3232 |
| 2009 | 6     | 8   | 1    | 17     | 17     | 0.3       | 3.9     | 1.47  | 91.2      | 26.9751 | 35.2785 |
| 2009 | 6     | 8   | 1    | 27     | 17     | 0.3       | 3.9     | 1.44  | 92.7      | 26.9751 | 34.4824 |
| 2009 | 6     | 8   | 1    | 37     | 17     | 0.3       | 3.9     | 1.46  | 91        | 26.9751 | 34.96   |
| 2009 | 6     | 8   | 1    | 47     | 17     | 0.3       | 3.9     | 1.45  | 91.9      | 26.9751 | 34.8008 |
| 2009 | 6     | 8   | 1    | 57     | 17     | 0.3       | 3.9     | 1.45  | 92.2      | 26.9751 | 34.8804 |
| 2009 | 6     | 8   | 2    | 7      | 17     | 0.3       | 3.9     | 1.44  | 91.3      | 26.9751 | 34.4824 |
| 2009 | 6     | 8   | 2    | 17     | 17     | 0.3       | 3.9     | 1.44  | 92.1      | 26.9534 | 34.533  |
| 2009 | 6     | 8   | 2    | 27     | 17     | 0.3       | 3.9     | 1.44  | 92.2      | 26.9534 | 34.4535 |
| 2009 | 6     | 8   | 2    | 37     | 17     | 0.3       | 3.9     | 1.47  | 92        | 26.9534 | 35.3284 |
| 2009 | 6     | 8   | 2    | 47     | 17     | 0.3       | 3.9     | 1.42  | 92.4      | 26.9534 | 34.0558 |
| 2009 | 6     | 8   | 2    | 57     | 17     | 0.3       | 3.9     | 1.41  | 91.2      | 26.9534 | 33.8968 |
| 2009 | 6     | 8   | 3    | 7      | 17     | 0.3       | 3.9     | 1.42  | 92.1      | 26.9534 | 33.8968 |
| 2009 | 6     | 8   | 3    | 17     | 17     | 0.3       | 3.9     | 1.42  | 92.1      | 26.9534 | 34.1353 |
| 2009 | 6     | 8   | 3    | 27     | 17     | 0.3       | 3.9     | 1.46  | 92.8      | 26.9534 | 34.9307 |
| 2009 | 6     | 8   | 3    | 37     | 17     | 0.3       | 3.9     | 1.46  | 92.5      | 26.9534 | 34.9307 |
| 2009 | 6     | 8   | 3    | 47     | 17     | 0.3       | 3.9     | 1.49  | 91.4      | 26.9316 | 35.6167 |
| 2009 | 6     | 8   | 3    | 57     | 17     | 0.3       | 3.9     | 1.43  | 92.1      | 26.9316 | 34.345  |
| 2009 | 6     | 8   | 4    | 7      | 17     | 0.3       | 3.9     | 1.44  | 92        | 26.9316 | 34.4245 |
| 2009 | 6     | 8   | 4    | 17     | 17     | 0.3       | 3.9     | 1.43  | 92.6      | 26.9316 | 34.1861 |
| 2009 | 6     | 8   | 4    | 27     | 17     | 0.3       | 3.9     | 1.43  | 93.2      | 26.9316 | 34.2656 |
| 2009 | 6     | 8   | 4    | 37     | 17     | 0.3       | 3.9     | 1.43  | 90.9      | 26.9316 | 34.2656 |
| 2009 | 6     | 8   | 4    | 47     | 17     | 0.3       | 3.9     | 1.47  | 91.8      | 26.9316 | 35.2987 |
| 2009 | 6     | 8   | 4    | 57     | 17     | 0.3       | 3.9     | 1.44  | 91.8      | 26.9316 | 34.4245 |
| 2009 | 6     | 8   | 5    | 7      | 17     | 0.3       | 3.9     | 1.43  | 90.5      | 26.9316 | 34.1861 |
| 2009 | 6     | 8   | 5    | 17     | 17     | 0.3       | 3.9     | 1.46  | 91.5      | 26.9316 | 35.0603 |
| 2009 | 6     | 8   | 5    | 27     | 17     | 0.3       | 3.9     | 1.44  | 91.8      | 26.9316 | 34.5834 |
| 2009 | 6     | 8   | 5    | 37     | 17     | 0.3       | 3.9     | 1.43  | 90.9      | 26.9316 | 34.2656 |
| 2009 | 6     | 8   | 5    | 47     | 17     | 0.3       | 3.9     | 1.43  | 93.4      | 26.9098 | 34.2367 |
| 2009 | 6     | 8   | 5    | 57     | 17     | 0.3       | 3.9     | 1.44  | 90.9      | 26.9316 | 34.5834 |
| 2009 | 6     | 8   | 6    | 7      | 17     | 0.3       | 3.9     | 1.5   | 91.3      | 26.9098 | 35.825  |
| 2009 | 6     | 8   | 6    | 17     | 17     | 0.3       | 3.9     | 1.5   | 92        | 26.9098 | 35.825  |
| 2009 | 6     | 8   | 6    | 27     | 17     | 0.3       | 3.9     | 1.45  | 90.6      | 26.9098 | 34.7926 |
| 2009 | 6     | 8   | 6    | 37     | 17     | 0.3       | 3.9     | 1.44  | 91.8      | 26.9098 | 34.3955 |
| 2009 | 6     | 8   | 6    | 47     | 17     | 0.3       | 3.9     | 1.45  | 91.4      | 26.9098 | 34.7131 |
| 2009 | 6     | 8   | 6    | 57     | 17     | 0.3       | 3.9     | 1.44  | 91.2      | 26.9098 | 34.3955 |
| 2009 | 6     | 8   | 7    | 7      | 17     | 0.3       | 3.9     | 1.49  | 90.4      | 26.8881 | 35.5568 |
| 2009 | 6     | 8   | 7    | 17     | 17     | 0.3       | 3.9     | 1.43  | 93.4      | 26.9098 | 34.1573 |
| 2009 | 6     | 8   | 7    | 27     | 17     | 0.3       | 3.9     | 1.45  | 91.8      | 26.8881 | 34.7633 |
| 2009 | 6     | 8   | 7    | 37     | 17     | 0.3       | 3.9     | 1.45  | 92.1      | 26.8881 | 34.6839 |
| 2009 | 6     | 8   | 7    | 47     | 17     | 0.3       | 3.9     | 1.4   | 92.2      | 26.8881 | 33.4147 |
| 2009 | 6     | 8   | 7    | 57     | 17     | 0.3       | 3.9     | 1.44  | 92.9      | 26.8881 | 34.2872 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 8   | 8    | 7      | 17     | 0.3       | 3.9     | 1.45  | 92.3      | 26.8881 | 34.6839 |
| 2009 | 6     | 8   | 8    | 17     | 17     | 0.3       | 3.9     | 1.44  | 92.1      | 26.8881 | 34.4459 |
| 2009 | 6     | 8   | 8    | 27     | 17     | 0.3       | 3.9     | 1.45  | 91.8      | 26.8663 | 34.5754 |
| 2009 | 6     | 8   | 8    | 37     | 17     | 0.3       | 3.9     | 1.45  | 92.5      | 26.8663 | 34.6547 |
| 2009 | 6     | 8   | 8    | 47     | 17     | 0.3       | 3.9     | 1.46  | 91.5      | 26.8663 | 34.8132 |
| 2009 | 6     | 8   | 8    | 57     | 17     | 0.3       | 3.9     | 1.45  | 90        | 26.8663 | 34.6547 |
| 2009 | 6     | 8   | 9    | 7      | 17     | 0.3       | 3.9     | 1.44  | 91.4      | 26.8663 | 34.4961 |
| 2009 | 6     | 8   | 9    | 17     | 17     | 0.3       | 3.9     | 1.44  | 92        | 26.8663 | 34.4169 |
| 2009 | 6     | 8   | 9    | 27     | 17     | 0.3       | 3.9     | 1.43  | 91.1      | 26.8227 | 34.1213 |
| 2009 | 6     | 8   | 9    | 37     | 17     | 0.3       | 3.9     | 1.46  | 91        | 26.8227 | 34.7544 |
| 2009 | 6     | 8   | 9    | 47     | 17     | 0.3       | 3.9     | 1.44  | 91.7      | 26.8009 | 34.3297 |
| 2009 | 6     | 8   | 9    | 57     | 17     | 0.3       | 3.9     | 1.43  | 91.3      | 26.8227 | 34.1213 |
| 2009 | 6     | 8   | 10   | 7      | 17     | 0.3       | 3.9     | 1.42  | 90.8      | 26.8227 | 33.884  |
| 2009 | 6     | 8   | 10   | 17     | 17     | 0.3       | 3.9     | 1.43  | 92.8      | 26.8227 | 33.9631 |
| 2009 | 6     | 8   | 10   | 27     | 17     | 0.3       | 3.9     | 1.46  | 90.1      | 26.8009 | 34.8041 |
| 2009 | 6     | 8   | 10   | 37     | 17     | 0.3       | 3.9     | 1.42  | 91.9      | 26.8009 | 33.7763 |
| 2009 | 6     | 8   | 10   | 47     | 17     | 0.3       | 3.9     | 1.41  | 92.1      | 26.8009 | 33.4601 |
| 2009 | 6     | 8   | 10   | 57     | 17     | 0.3       | 3.9     | 1.43  | 92.2      | 26.7791 | 33.9846 |
| 2009 | 6     | 8   | 11   | 7      | 17     | 0.3       | 3.9     | 1.43  | 90        | 26.7791 | 34.1426 |
| 2009 | 6     | 8   | 11   | 17     | 17     | 0.3       | 3.9     | 1.44  | 91.8      | 26.7791 | 34.2216 |
| 2009 | 6     | 8   | 11   | 27     | 17     | 0.3       | 3.9     | 1.47  | 91.3      | 26.7791 | 34.9327 |
| 2009 | 6     | 8   | 11   | 37     | 17     | 0.3       | 3.9     | 1.42  | 91.5      | 26.7791 | 33.7477 |
| 2009 | 6     | 8   | 11   | 47     | 17     | 0.3       | 3.9     | 1.45  | 91.7      | 26.7791 | 34.4586 |
| 2009 | 6     | 8   | 11   | 57     | 17     | 0.3       | 3.9     | 1.46  | 90.9      | 26.7791 | 34.6956 |
| 2009 | 6     | 8   | 12   | 7      | 17     | 0.3       | 3.9     | 1.41  | 90.5      | 26.7791 | 33.6687 |
| 2009 | 6     | 8   | 12   | 17     | 17     | 0.3       | 3.9     | 1.46  | 90.9      | 26.7791 | 34.8537 |
| 2009 | 6     | 8   | 12   | 27     | 17     | 0.3       | 3.9     | 1.43  | 92        | 26.7791 | 34.1426 |
| 2009 | 6     | 8   | 12   | 37     | 17     | 0.3       | 3.9     | 1.45  | 90.6      | 26.7573 | 34.5873 |
| 2009 | 6     | 8   | 12   | 47     | 17     | 0.3       | 3.9     | 1.44  | 91.6      | 26.7573 | 34.2715 |
| 2009 | 6     | 8   | 12   | 57     | 17     | 0.3       | 3.9     | 1.45  | 89.9      | 26.7573 | 34.5083 |
| 2009 | 6     | 8   | 13   | 7      | 17     | 0.3       | 3.9     | 1.4   | 90.1      | 26.7573 | 33.4034 |
| 2009 | 6     | 8   | 13   | 17     | 17     | 0.3       | 3.9     | 1.42  | 92        | 26.7573 | 33.798  |
| 2009 | 6     | 8   | 13   | 27     | 17     | 0.3       | 3.9     | 1.42  | 91.6      | 26.7573 | 33.798  |
| 2009 | 6     | 8   | 13   | 37     | 17     | 0.3       | 3.9     | 1.42  | 91.7      | 26.7573 | 33.719  |
| 2009 | 6     | 8   | 13   | 47     | 17     | 0.3       | 3.9     | 1.46  | 90.9      | 26.7573 | 34.7452 |
| 2009 | 6     | 8   | 13   | 57     | 17     | 0.3       | 3.9     | 1.42  | 90.9      | 26.7573 | 33.8769 |
| 2009 | 6     | 8   | 14   | 7      | 17     | 0.3       | 3.9     | 1.42  | 90.7      | 26.7573 | 33.719  |
| 2009 | 6     | 8   | 14   | 17     | 17     | 0.3       | 3.9     | 1.45  | 91.9      | 26.7573 | 34.5083 |
| 2009 | 6     | 8   | 14   | 27     | 17     | 0.3       | 3.9     | 1.44  | 90.4      | 26.7355 | 34.3213 |
| 2009 | 6     | 8   | 14   | 37     | 17     | 0.3       | 3.9     | 1.41  | 92.9      | 26.7355 | 33.375  |
| 2009 | 6     | 8   | 14   | 47     | 17     | 0.3       | 3.9     | 1.43  | 91        | 26.7355 | 34.0847 |
| 2009 | 6     | 8   | 14   | 57     | 17     | 0.3       | 3.9     | 1.4   | 91.5      | 26.7355 | 33.375  |
| 2009 | 6     | 8   | 15   | 7      | 17     | 0.3       | 3.9     | 1.43  | 90.9      | 26.7136 | 33.8981 |
| 2009 | 6     | 8   | 15   | 17     | 17     | 0.3       | 3.9     | 1.39  | 91.8      | 26.7136 | 33.0316 |
| 2009 | 6     | 8   | 15   | 27     | 17     | 0.3       | 3.9     | 1.43  | 90.3      | 26.7136 | 34.0557 |
| 2009 | 6     | 8   | 15   | 37     | 17     | 0.3       | 3.9     | 1.42  | 91.5      | 26.6918 | 33.6331 |
| 2009 | 6     | 8   | 15   | 47     | 17     | 0.3       | 3.9     | 1.4   | 90        | 26.6918 | 33.2396 |
| 2009 | 6     | 8   | 15   | 57     | 17     | 0.3       | 3.9     | 1.46  | 90.4      | 26.6918 | 34.6567 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 8   | 16   | 7      | 17     | 0.3       | 3.9     | 1.45  | 90.1      | 26.6699 | 34.3125 |
| 2009 | 6     | 8   | 16   | 17     | 17     | 0.3       | 3.9     | 1.44  | 92        | 26.6699 | 34.1551 |
| 2009 | 6     | 8   | 16   | 27     | 17     | 0.3       | 3.9     | 1.42  | 92.4      | 26.6481 | 33.5758 |
| 2009 | 6     | 8   | 16   | 37     | 17     | 0.3       | 3.9     | 1.42  | 91.7      | 26.6262 | 33.5472 |
| 2009 | 6     | 8   | 16   | 47     | 17     | 0.3       | 3.9     | 1.43  | 90.7      | 26.6262 | 33.9398 |
| 2009 | 6     | 8   | 16   | 57     | 17     | 0.3       | 3.9     | 1.39  | 92.6      | 26.6262 | 32.7621 |
| 2009 | 6     | 8   | 17   | 7      | 17     | 0.3       | 3.9     | 1.42  | 90.4      | 26.6262 | 33.5472 |
| 2009 | 6     | 8   | 17   | 17     | 17     | 0.3       | 3.9     | 1.38  | 91.8      | 26.6044 | 32.6557 |
| 2009 | 6     | 8   | 17   | 27     | 17     | 0.3       | 3.9     | 1.43  | 90.5      | 26.6044 | 33.8323 |
| 2009 | 6     | 8   | 17   | 37     | 17     | 0.3       | 3.9     | 1.43  | 90        | 26.6044 | 33.8323 |
| 2009 | 6     | 8   | 17   | 47     | 17     | 0.3       | 3.9     | 1.42  | 90.9      | 26.6044 | 33.5185 |
| 2009 | 6     | 8   | 17   | 57     | 17     | 0.3       | 3.9     | 1.43  | 91.3      | 26.5825 | 33.725  |
| 2009 | 6     | 8   | 18   | 7      | 17     | 0.3       | 3.9     | 1.43  | 91.4      | 26.5825 | 33.8034 |
| 2009 | 6     | 8   | 18   | 17     | 17     | 0.3       | 3.9     | 1.42  | 91.2      | 26.5606 | 33.5395 |
| 2009 | 6     | 8   | 18   | 27     | 17     | 0.3       | 3.9     | 1.41  | 90.9      | 26.5606 | 33.3045 |
| 2009 | 6     | 8   | 18   | 37     | 17     | 0.3       | 3.9     | 1.41  | 91.7      | 26.5606 | 33.2262 |
| 2009 | 6     | 8   | 18   | 47     | 17     | 0.3       | 3.9     | 1.41  | 90        | 26.5606 | 33.3828 |
| 2009 | 6     | 8   | 18   | 57     | 17     | 0.3       | 3.9     | 1.41  | 89.9      | 26.5606 | 33.3045 |
| 2009 | 6     | 8   | 19   | 7      | 17     | 0.3       | 3.9     | 1.43  | 91.2      | 26.5606 | 33.6961 |
| 2009 | 6     | 8   | 19   | 17     | 17     | 0.3       | 3.9     | 1.44  | 91        | 26.5606 | 34.0878 |
| 2009 | 6     | 8   | 19   | 27     | 17     | 0.3       | 3.9     | 1.43  | 90.1      | 26.5387 | 33.7455 |
| 2009 | 6     | 8   | 19   | 37     | 17     | 0.3       | 3.9     | 1.4   | 92.4      | 26.5387 | 33.0412 |
| 2009 | 6     | 8   | 19   | 47     | 17     | 0.3       | 3.9     | 1.44  | 90.5      | 26.5387 | 33.902  |
| 2009 | 6     | 8   | 19   | 57     | 17     | 0.3       | 3.9     | 1.42  | 90.9      | 26.5387 | 33.5107 |
| 2009 | 6     | 8   | 20   | 7      | 17     | 0.3       | 3.9     | 1.41  | 90.1      | 26.5168 | 33.3256 |
| 2009 | 6     | 8   | 20   | 17     | 17     | 0.3       | 3.9     | 1.4   | 90.4      | 26.5168 | 33.0911 |
| 2009 | 6     | 8   | 20   | 27     | 17     | 0.3       | 3.9     | 1.41  | 90.8      | 26.5168 | 33.2474 |
| 2009 | 6     | 8   | 20   | 37     | 17     | 0.3       | 3.9     | 1.4   | 93.1      | 26.5168 | 32.9347 |
| 2009 | 6     | 8   | 20   | 47     | 17     | 0.3       | 3.9     | 1.39  | 91.6      | 26.5168 | 32.7002 |
| 2009 | 6     | 8   | 20   | 57     | 17     | 0.3       | 3.9     | 1.39  | 93.1      | 26.5168 | 32.7784 |
| 2009 | 6     | 8   | 21   | 7      | 17     | 0.3       | 3.9     | 1.41  | 91.3      | 26.4949 | 33.2188 |
| 2009 | 6     | 8   | 21   | 17     | 17     | 0.3       | 3.9     | 1.4   | 92        | 26.4949 | 32.9064 |
| 2009 | 6     | 8   | 21   | 27     | 17     | 0.3       | 3.9     | 1.39  | 91.6      | 26.4949 | 32.8283 |
| 2009 | 6     | 8   | 21   | 37     | 17     | 0.3       | 3.9     | 1.4   | 91.6      | 26.4949 | 33.0626 |
| 2009 | 6     | 8   | 21   | 47     | 17     | 0.3       | 3.9     | 1.4   | 92.5      | 26.4949 | 32.9845 |
| 2009 | 6     | 8   | 21   | 57     | 17     | 0.3       | 3.9     | 1.41  | 92.5      | 26.4949 | 33.0626 |
| 2009 | 6     | 8   | 22   | 7      | 17     | 0.3       | 3.9     | 1.41  | 91.3      | 26.4949 | 33.1407 |
| 2009 | 6     | 8   | 22   | 17     | 17     | 0.3       | 3.9     | 1.42  | 92.8      | 26.4949 | 33.3751 |
| 2009 | 6     | 8   | 22   | 27     | 17     | 0.3       | 3.9     | 1.41  | 92.5      | 26.4949 | 33.1407 |
| 2009 | 6     | 8   | 22   | 37     | 17     | 0.3       | 3.9     | 1.39  | 92.3      | 26.4949 | 32.6721 |
| 2009 | 6     | 8   | 22   | 47     | 17     | 0.3       | 3.9     | 1.45  | 92.7      | 26.4949 | 34.0001 |
| 2009 | 6     | 8   | 22   | 57     | 17     | 0.3       | 3.9     | 1.41  | 93.6      | 26.473  | 33.0342 |
| 2009 | 6     | 8   | 23   | 7      | 17     | 0.3       | 3.9     | 1.41  | 93.2      | 26.473  | 33.1122 |
| 2009 | 6     | 8   | 23   | 17     | 17     | 0.3       | 3.9     | 1.34  | 93.4      | 26.473  | 31.3958 |
| 2009 | 6     | 8   | 23   | 27     | 17     | 0.3       | 3.9     | 1.39  | 93.4      | 26.473  | 32.644  |
| 2009 | 6     | 8   | 23   | 37     | 17     | 0.3       | 3.9     | 1.4   | 92.3      | 26.4511 | 32.7719 |
| 2009 | 6     | 8   | 23   | 47     | 17     | 0.3       | 3.9     | 1.39  | 92        | 26.4511 | 32.6939 |
| 2009 | 6     | 8   | 23   | 57     | 17     | 0.3       | 3.9     | 1.4   | 91.2      | 26.4511 | 33.0058 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 9   | 0    | 7      | 17     | 0.3       | 3.9     | 1.41  | 90.9      | 26.4511 | 33.1618 |
| 2009 | 6     | 9   | 0    | 17     | 17     | 0.3       | 3.9     | 1.43  | 92        | 26.4292 | 33.6008 |
| 2009 | 6     | 9   | 0    | 27     | 17     | 0.3       | 3.9     | 1.4   | 90.1      | 26.4292 | 32.8216 |
| 2009 | 6     | 9   | 0    | 37     | 17     | 0.3       | 3.9     | 1.41  | 91.5      | 26.4292 | 33.1332 |
| 2009 | 6     | 9   | 0    | 47     | 17     | 0.3       | 3.9     | 1.39  | 92        | 26.4073 | 32.6377 |
| 2009 | 6     | 9   | 0    | 57     | 17     | 0.3       | 3.9     | 1.41  | 90.7      | 26.3853 | 32.9984 |
| 2009 | 6     | 9   | 1    | 7      | 17     | 0.3       | 3.9     | 1.4   | 91.2      | 26.3853 | 32.9206 |
| 2009 | 6     | 9   | 1    | 17     | 17     | 0.3       | 3.9     | 1.41  | 91.5      | 26.3634 | 32.9699 |
| 2009 | 6     | 9   | 1    | 27     | 17     | 0.3       | 3.9     | 1.38  | 91.1      | 26.3634 | 32.3483 |
| 2009 | 6     | 9   | 1    | 37     | 17     | 0.3       | 3.9     | 1.37  | 93.1      | 26.3414 | 32.0875 |
| 2009 | 6     | 9   | 1    | 47     | 17     | 0.3       | 3.9     | 1.38  | 91.5      | 26.3414 | 32.398  |
| 2009 | 6     | 9   | 1    | 57     | 17     | 0.3       | 3.9     | 1.41  | 92.3      | 26.3195 | 32.8353 |
| 2009 | 6     | 9   | 2    | 7      | 17     | 0.3       | 3.9     | 1.43  | 91.4      | 26.3195 | 33.5336 |
| 2009 | 6     | 9   | 2    | 17     | 17     | 0.3       | 3.9     | 1.38  | 91.5      | 26.3195 | 32.2148 |
| 2009 | 6     | 9   | 2    | 27     | 17     | 0.3       | 3.9     | 1.37  | 92.3      | 26.2975 | 31.9545 |
| 2009 | 6     | 9   | 2    | 37     | 17     | 0.3       | 3.9     | 1.43  | 93        | 26.2975 | 33.272  |
| 2009 | 6     | 9   | 2    | 47     | 17     | 0.3       | 3.9     | 1.39  | 93.6      | 26.2975 | 32.4969 |
| 2009 | 6     | 9   | 2    | 57     | 17     | 0.3       | 3.9     | 1.4   | 93.1      | 26.2975 | 32.6519 |
| 2009 | 6     | 9   | 3    | 7      | 17     | 0.3       | 3.9     | 1.37  | 91.8      | 26.2756 | 31.8493 |
| 2009 | 6     | 9   | 3    | 17     | 17     | 0.3       | 3.9     | 1.43  | 91.7      | 26.2756 | 33.3206 |
| 2009 | 6     | 9   | 3    | 27     | 17     | 0.3       | 3.9     | 1.39  | 91.5      | 26.2756 | 32.4687 |
| 2009 | 6     | 9   | 3    | 37     | 17     | 0.3       | 3.9     | 1.41  | 91.5      | 26.2756 | 32.9333 |
| 2009 | 6     | 9   | 3    | 47     | 17     | 0.3       | 3.9     | 1.4   | 92.8      | 26.2536 | 32.6726 |
| 2009 | 6     | 9   | 3    | 57     | 17     | 0.3       | 3.9     | 1.38  | 91.5      | 26.2756 | 32.159  |
| 2009 | 6     | 9   | 4    | 7      | 17     | 0.3       | 3.9     | 1.39  | 92.3      | 26.2536 | 32.4405 |
| 2009 | 6     | 9   | 4    | 17     | 17     | 0.3       | 3.9     | 1.4   | 91.8      | 26.2536 | 32.5179 |
| 2009 | 6     | 9   | 4    | 27     | 17     | 0.3       | 3.9     | 1.38  | 90.8      | 26.2536 | 32.1311 |
| 2009 | 6     | 9   | 4    | 37     | 17     | 0.3       | 3.9     | 1.4   | 93.1      | 26.2536 | 32.6726 |
| 2009 | 6     | 9   | 4    | 47     | 17     | 0.3       | 3.9     | 1.36  | 93.3      | 26.2536 | 31.7443 |
| 2009 | 6     | 9   | 4    | 57     | 17     | 0.3       | 3.9     | 1.35  | 92.5      | 26.2536 | 31.5123 |
| 2009 | 6     | 9   | 5    | 7      | 17     | 0.3       | 3.9     | 1.38  | 91.5      | 26.2316 | 32.1032 |
| 2009 | 6     | 9   | 5    | 17     | 17     | 0.3       | 3.9     | 1.38  | 92.9      | 26.2316 | 32.1032 |
| 2009 | 6     | 9   | 5    | 27     | 17     | 0.3       | 3.9     | 1.4   | 91.7      | 26.2316 | 32.6442 |
| 2009 | 6     | 9   | 5    | 37     | 17     | 0.3       | 3.9     | 1.41  | 91.5      | 26.2316 | 32.8762 |
| 2009 | 6     | 9   | 5    | 47     | 17     | 0.3       | 3.9     | 1.41  | 92        | 26.2316 | 32.7989 |
| 2009 | 6     | 9   | 5    | 57     | 17     | 0.3       | 3.9     | 1.39  | 91.1      | 26.2316 | 32.3351 |
| 2009 | 6     | 9   | 6    | 7      | 17     | 0.3       | 3.9     | 1.38  | 91.2      | 26.2316 | 32.1805 |
| 2009 | 6     | 9   | 6    | 17     | 17     | 0.3       | 3.9     | 1.39  | 92        | 26.2096 | 32.2297 |
| 2009 | 6     | 9   | 6    | 27     | 17     | 0.3       | 3.9     | 1.39  | 92.6      | 26.2096 | 32.2297 |
| 2009 | 6     | 9   | 6    | 37     | 17     | 0.3       | 3.9     | 1.41  | 92.8      | 26.2096 | 32.6931 |
| 2009 | 6     | 9   | 6    | 47     | 17     | 0.3       | 3.9     | 1.42  | 90.7      | 26.2096 | 33.0793 |
| 2009 | 6     | 9   | 6    | 57     | 17     | 0.3       | 3.9     | 1.41  | 91.1      | 26.2096 | 32.9248 |
| 2009 | 6     | 9   | 7    | 7      | 17     | 0.3       | 3.9     | 1.4   | 93.6      | 26.2096 | 32.4614 |
| 2009 | 6     | 9   | 7    | 17     | 17     | 0.3       | 3.9     | 1.36  | 93        | 26.2096 | 31.5347 |
| 2009 | 6     | 9   | 7    | 27     | 17     | 0.3       | 3.9     | 1.38  | 92        | 26.2096 | 32.0753 |
| 2009 | 6     | 9   | 7    | 37     | 17     | 0.3       | 3.9     | 1.35  | 92.4      | 26.1876 | 31.353  |
| 2009 | 6     | 9   | 7    | 47     | 17     | 0.3       | 3.9     | 1.39  | 91.6      | 26.1876 | 32.2016 |
| 2009 | 6     | 9   | 7    | 57     | 17     | 0.3       | 3.9     | 1.36  | 91.8      | 26.1876 | 31.6616 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 9   | 8    | 7      | 17     | 0.3       | 3.9     | 1.39  | 92.3      | 26.1876 | 32.2016 |
| 2009 | 6     | 9   | 8    | 17     | 17     | 0.3       | 3.9     | 1.36  | 93.7      | 26.1876 | 31.5073 |
| 2009 | 6     | 9   | 8    | 27     | 17     | 0.3       | 3.9     | 1.39  | 92.6      | 26.1876 | 32.2016 |
| 2009 | 6     | 9   | 8    | 37     | 17     | 0.3       | 3.9     | 1.42  | 92.4      | 26.1876 | 33.0505 |
| 2009 | 6     | 9   | 8    | 47     | 17     | 0.3       | 3.9     | 1.41  | 94.1      | 26.1876 | 32.7418 |
| 2009 | 6     | 9   | 8    | 57     | 17     | 0.3       | 3.9     | 1.38  | 94.8      | 26.1656 | 31.8652 |
| 2009 | 6     | 9   | 9    | 7      | 17     | 0.3       | 3.9     | 1.39  | 91.9      | 26.1656 | 32.2506 |
| 2009 | 6     | 9   | 9    | 17     | 17     | 0.3       | 3.9     | 1.38  | 91.1      | 26.1656 | 32.1736 |
| 2009 | 6     | 9   | 9    | 27     | 17     | 0.3       | 3.9     | 1.39  | 91.5      | 26.1656 | 32.2506 |
| 2009 | 6     | 9   | 9    | 37     | 17     | 0.3       | 3.9     | 1.38  | 90.8      | 26.1436 | 32.0685 |
| 2009 | 6     | 9   | 9    | 47     | 17     | 0.3       | 3.9     | 1.37  | 90.5      | 26.1436 | 31.8374 |
| 2009 | 6     | 9   | 9    | 57     | 17     | 0.3       | 3.9     | 1.37  | 91.4      | 26.1436 | 31.7604 |
| 2009 | 6     | 9   | 10   | 7      | 17     | 0.3       | 3.9     | 1.41  | 92        | 26.1436 | 32.8388 |
| 2009 | 6     | 9   | 10   | 17     | 17     | 0.3       | 3.9     | 1.41  | 90.4      | 26.1216 | 32.6561 |
| 2009 | 6     | 9   | 10   | 27     | 17     | 0.3       | 3.9     | 1.37  | 91.8      | 26.1216 | 31.7326 |
| 2009 | 6     | 9   | 10   | 37     | 17     | 0.3       | 3.9     | 1.37  | 91.4      | 26.0996 | 31.7049 |
| 2009 | 6     | 9   | 10   | 47     | 17     | 0.3       | 3.9     | 1.37  | 91.2      | 26.0776 | 31.7539 |
| 2009 | 6     | 9   | 10   | 57     | 17     | 0.3       | 3.9     | 1.37  | 92.1      | 26.0555 | 31.6493 |
| 2009 | 6     | 9   | 11   | 7      | 17     | 0.3       | 3.9     | 1.34  | 92.8      | 26.0555 | 31.0354 |
| 2009 | 6     | 9   | 11   | 17     | 17     | 0.3       | 3.9     | 1.39  | 91.1      | 26.0335 | 32.1584 |
| 2009 | 6     | 9   | 11   | 27     | 17     | 0.3       | 3.9     | 1.39  | 91.8      | 26.0335 | 32.005  |
| 2009 | 6     | 9   | 11   | 37     | 17     | 0.3       | 3.9     | 1.37  | 91        | 26.0335 | 31.7749 |
| 2009 | 6     | 9   | 11   | 47     | 17     | 0.3       | 3.9     | 1.38  | 90.1      | 26.0335 | 32.005  |
| 2009 | 6     | 9   | 11   | 57     | 17     | 0.3       | 3.9     | 1.37  | 92.6      | 26.0335 | 31.6216 |
| 2009 | 6     | 9   | 12   | 7      | 17     | 0.3       | 3.9     | 1.4   | 90.9      | 26.0114 | 32.2834 |
| 2009 | 6     | 9   | 12   | 17     | 17     | 0.3       | 3.9     | 1.33  | 91.7      | 26.0114 | 30.7512 |
| 2009 | 6     | 9   | 12   | 27     | 17     | 0.3       | 3.9     | 1.38  | 90.5      | 26.0114 | 31.8236 |
| 2009 | 6     | 9   | 12   | 37     | 17     | 0.3       | 3.9     | 1.38  | 92.2      | 26.0114 | 31.8236 |
| 2009 | 6     | 9   | 12   | 47     | 17     | 0.3       | 3.9     | 1.4   | 91.5      | 26.0114 | 32.4366 |
| 2009 | 6     | 9   | 12   | 57     | 17     | 0.3       | 3.9     | 1.36  | 89.6      | 26.0114 | 31.2874 |
| 2009 | 6     | 9   | 13   | 7      | 17     | 0.3       | 3.9     | 1.37  | 90.1      | 25.9894 | 31.7191 |
| 2009 | 6     | 9   | 13   | 17     | 17     | 0.3       | 3.9     | 1.39  | 91.8      | 25.9894 | 32.0253 |
| 2009 | 6     | 9   | 13   | 27     | 17     | 0.3       | 3.9     | 1.37  | 90        | 25.9894 | 31.6425 |
| 2009 | 6     | 9   | 13   | 37     | 17     | 0.3       | 3.9     | 1.39  | 90.4      | 25.9894 | 32.1784 |
| 2009 | 6     | 9   | 13   | 47     | 17     | 0.3       | 3.9     | 1.33  | 90.1      | 25.9673 | 30.6971 |
| 2009 | 6     | 9   | 13   | 57     | 17     | 0.3       | 3.9     | 1.39  | 90.9      | 25.9673 | 32.1501 |
| 2009 | 6     | 9   | 14   | 7      | 17     | 0.3       | 3.9     | 1.36  | 89.9      | 25.9673 | 31.3088 |
| 2009 | 6     | 9   | 14   | 17     | 17     | 0.3       | 3.9     | 1.36  | 90.4      | 25.9673 | 31.2323 |
| 2009 | 6     | 9   | 14   | 27     | 17     | 0.3       | 3.9     | 1.33  | 90.8      | 25.9453 | 30.67   |
| 2009 | 6     | 9   | 14   | 37     | 17     | 0.3       | 3.9     | 1.33  | 90.1      | 25.9453 | 30.67   |
| 2009 | 6     | 9   | 14   | 47     | 17     | 0.3       | 3.9     | 1.37  | 90.1      | 25.9232 | 31.4826 |
| 2009 | 6     | 9   | 14   | 57     | 17     | 0.3       | 3.9     | 1.36  | 91.8      | 25.9232 | 31.1773 |
| 2009 | 6     | 9   | 15   | 7      | 17     | 0.3       | 3.9     | 1.32  | 91.1      | 25.8791 | 30.2841 |
| 2009 | 6     | 9   | 15   | 17     | 17     | 0.3       | 3.9     | 1.36  | 91        | 25.8791 | 31.1984 |
| 2009 | 6     | 9   | 15   | 27     | 17     | 0.3       | 3.9     | 1.32  | 91.1      | 25.857  | 30.1812 |
| 2009 | 6     | 9   | 15   | 37     | 17     | 0.3       | 3.9     | 1.33  | 91.4      | 25.857  | 30.4856 |
| 2009 | 6     | 9   | 15   | 47     | 17     | 0.3       | 3.9     | 1.36  | 90.7      | 25.8349 | 31.1431 |
| 2009 | 6     | 9   | 15   | 57     | 17     | 0.3       | 3.9     | 1.36  | 90        | 25.8349 | 31.1431 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 9   | 16   | 7      | 17     | 0.3       | 3.9     | 1.36  | 92.6      | 25.8349 | 31.1431 |
| 2009 | 6     | 9   | 16   | 17     | 17     | 0.3       | 3.9     | 1.34  | 91        | 25.8128 | 30.7355 |
| 2009 | 6     | 9   | 16   | 27     | 17     | 0.3       | 3.9     | 1.36  | 91.1      | 25.8128 | 31.1915 |
| 2009 | 6     | 9   | 16   | 37     | 17     | 0.3       | 3.9     | 1.32  | 90.7      | 25.8128 | 30.2036 |
| 2009 | 6     | 9   | 16   | 47     | 17     | 0.3       | 3.9     | 1.34  | 91.7      | 25.7907 | 30.7082 |
| 2009 | 6     | 9   | 16   | 57     | 17     | 0.3       | 3.9     | 1.37  | 91.5      | 25.7907 | 31.3156 |
| 2009 | 6     | 9   | 17   | 7      | 17     | 0.3       | 3.9     | 1.36  | 90.4      | 25.7907 | 31.2397 |
| 2009 | 6     | 9   | 17   | 17     | 17     | 0.3       | 3.9     | 1.34  | 90        | 25.7686 | 30.5292 |
| 2009 | 6     | 9   | 17   | 27     | 17     | 0.3       | 3.9     | 1.34  | 89.9      | 25.7907 | 30.7082 |
| 2009 | 6     | 9   | 17   | 37     | 17     | 0.3       | 3.9     | 1.35  | 92.5      | 25.7686 | 30.7568 |
| 2009 | 6     | 9   | 17   | 47     | 17     | 0.3       | 3.9     | 1.33  | 90        | 25.7686 | 30.3775 |
| 2009 | 6     | 9   | 17   | 57     | 17     | 0.3       | 3.9     | 1.35  | 91.3      | 25.7686 | 30.8326 |
| 2009 | 6     | 9   | 18   | 7      | 17     | 0.3       | 3.9     | 1.35  | 90.6      | 25.7464 | 30.881  |
| 2009 | 6     | 9   | 18   | 17     | 17     | 0.3       | 3.9     | 1.36  | 90.3      | 25.7464 | 30.9567 |
| 2009 | 6     | 9   | 18   | 27     | 17     | 0.3       | 3.9     | 1.34  | 90        | 25.7464 | 30.5778 |
| 2009 | 6     | 9   | 18   | 37     | 17     | 0.3       | 3.9     | 1.36  | 90.3      | 25.7464 | 31.1841 |
| 2009 | 6     | 9   | 18   | 47     | 17     | 0.3       | 3.9     | 1.35  | 90.1      | 25.7464 | 30.881  |
| 2009 | 6     | 9   | 18   | 57     | 17     | 0.3       | 3.9     | 1.35  | 92.1      | 25.7464 | 30.881  |
| 2009 | 6     | 9   | 19   | 7      | 17     | 0.3       | 3.9     | 1.33  | 93.5      | 25.7243 | 30.3991 |
| 2009 | 6     | 9   | 19   | 17     | 17     | 0.3       | 3.9     | 1.34  | 90.1      | 25.7243 | 30.5505 |
| 2009 | 6     | 9   | 19   | 27     | 17     | 0.3       | 3.9     | 1.37  | 90        | 25.7243 | 31.3836 |
| 2009 | 6     | 9   | 19   | 37     | 17     | 0.3       | 3.9     | 1.37  | 91.7      | 25.7022 | 31.1286 |
| 2009 | 6     | 9   | 19   | 47     | 17     | 0.3       | 3.9     | 1.34  | 90.6      | 25.7022 | 30.5233 |
| 2009 | 6     | 9   | 19   | 57     | 17     | 0.3       | 3.9     | 1.32  | 90.6      | 25.7022 | 30.1451 |
| 2009 | 6     | 9   | 20   | 7      | 17     | 0.3       | 3.9     | 1.34  | 92        | 25.7022 | 30.5989 |
| 2009 | 6     | 9   | 20   | 17     | 17     | 0.3       | 3.9     | 1.37  | 92.9      | 25.7022 | 31.2799 |
| 2009 | 6     | 9   | 20   | 27     | 17     | 0.3       | 3.9     | 1.33  | 92.3      | 25.68   | 30.2693 |
| 2009 | 6     | 9   | 20   | 37     | 17     | 0.3       | 3.9     | 1.33  | 92.8      | 25.68   | 30.1937 |
| 2009 | 6     | 9   | 20   | 47     | 17     | 0.3       | 3.9     | 1.34  | 92.7      | 25.68   | 30.4204 |
| 2009 | 6     | 9   | 20   | 57     | 17     | 0.3       | 3.9     | 1.36  | 92.9      | 25.6579 | 30.9974 |
| 2009 | 6     | 9   | 21   | 7      | 17     | 0.3       | 3.9     | 1.36  | 92.2      | 25.6358 | 30.9697 |
| 2009 | 6     | 9   | 21   | 17     | 17     | 0.3       | 3.9     | 1.33  | 91.4      | 25.6358 | 30.2152 |
| 2009 | 6     | 9   | 21   | 27     | 17     | 0.3       | 3.9     | 1.35  | 91.5      | 25.6136 | 30.565  |
| 2009 | 6     | 9   | 21   | 37     | 17     | 0.3       | 3.9     | 1.32  | 91        | 25.5914 | 29.8598 |
| 2009 | 6     | 9   | 21   | 47     | 17     | 0.3       | 3.9     | 1.32  | 92.4      | 25.5693 | 29.9834 |
| 2009 | 6     | 9   | 21   | 57     | 17     | 0.3       | 3.9     | 1.32  | 93.7      | 25.5693 | 29.9834 |
| 2009 | 6     | 9   | 22   | 7      | 17     | 0.3       | 3.9     | 1.33  | 91.1      | 25.5693 | 30.0587 |
| 2009 | 6     | 9   | 22   | 17     | 17     | 0.3       | 3.9     | 1.33  | 91.1      | 25.5471 | 30.1068 |
| 2009 | 6     | 9   | 22   | 27     | 17     | 0.3       | 3.9     | 1.32  | 92.1      | 25.5471 | 29.8813 |
| 2009 | 6     | 9   | 22   | 37     | 17     | 0.3       | 3.9     | 1.36  | 91.2      | 25.5249 | 30.7557 |
| 2009 | 6     | 9   | 22   | 47     | 17     | 0.3       | 3.9     | 1.33  | 92.4      | 25.5249 | 30.1548 |
| 2009 | 6     | 9   | 22   | 57     | 17     | 0.3       | 3.9     | 1.35  | 92.2      | 25.5249 | 30.5304 |
| 2009 | 6     | 9   | 23   | 7      | 17     | 0.3       | 3.9     | 1.34  | 91        | 25.5249 | 30.305  |
| 2009 | 6     | 9   | 23   | 17     | 17     | 0.3       | 3.9     | 1.29  | 90.6      | 25.5027 | 29.2273 |
| 2009 | 6     | 9   | 23   | 27     | 17     | 0.3       | 3.9     | 1.31  | 91.4      | 25.5027 | 29.6775 |
| 2009 | 6     | 9   | 23   | 37     | 17     | 0.3       | 3.9     | 1.34  | 91.3      | 25.5027 | 30.3528 |
| 2009 | 6     | 9   | 23   | 47     | 17     | 0.3       | 3.9     | 1.32  | 92.4      | 25.5027 | 29.7525 |
| 2009 | 6     | 9   | 23   | 57     | 17     | 0.3       | 3.9     | 1.33  | 91.3      | 25.5027 | 30.1276 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 10  | 0    | 7      | 17     | 0.3       | 3.9     | 1.35  | 91.7      | 25.5027 | 30.5029 |
| 2009 | 6     | 10  | 0    | 17     | 17     | 0.3       | 3.9     | 1.34  | 91.7      | 25.5027 | 30.2027 |
| 2009 | 6     | 10  | 0    | 27     | 17     | 0.3       | 3.9     | 1.31  | 93.2      | 25.4806 | 29.5757 |
| 2009 | 6     | 10  | 0    | 37     | 17     | 0.3       | 3.9     | 1.34  | 91.8      | 25.4806 | 30.2504 |
| 2009 | 6     | 10  | 0    | 47     | 17     | 0.3       | 3.9     | 1.34  | 91.8      | 25.4806 | 30.1754 |
| 2009 | 6     | 10  | 0    | 57     | 17     | 0.3       | 3.9     | 1.31  | 91.9      | 25.4806 | 29.6507 |
| 2009 | 6     | 10  | 1    | 7      | 17     | 0.3       | 3.9     | 1.3   | 92.5      | 25.4806 | 29.3509 |
| 2009 | 6     | 10  | 1    | 17     | 17     | 0.3       | 3.9     | 1.32  | 92.1      | 25.4806 | 29.8756 |
| 2009 | 6     | 10  | 1    | 27     | 17     | 0.3       | 3.9     | 1.32  | 91.7      | 25.4584 | 29.7737 |
| 2009 | 6     | 10  | 1    | 37     | 17     | 0.3       | 3.9     | 1.33  | 92.5      | 25.4584 | 30.0733 |
| 2009 | 6     | 10  | 1    | 47     | 17     | 0.3       | 3.9     | 1.34  | 91.7      | 25.4584 | 30.1482 |
| 2009 | 6     | 10  | 1    | 57     | 17     | 0.3       | 3.9     | 1.32  | 91.1      | 25.4584 | 29.8486 |
| 2009 | 6     | 10  | 2    | 7      | 17     | 0.3       | 3.9     | 1.31  | 91.9      | 25.4584 | 29.4741 |
| 2009 | 6     | 10  | 2    | 17     | 17     | 0.3       | 3.9     | 1.33  | 91.6      | 25.4584 | 30.0733 |
| 2009 | 6     | 10  | 2    | 27     | 17     | 0.3       | 3.9     | 1.31  | 92.3      | 25.4362 | 29.4475 |
| 2009 | 6     | 10  | 2    | 37     | 17     | 0.3       | 3.9     | 1.32  | 92.3      | 25.4362 | 29.8216 |
| 2009 | 6     | 10  | 2    | 47     | 17     | 0.3       | 3.9     | 1.37  | 91.5      | 25.4362 | 30.8694 |
| 2009 | 6     | 10  | 2    | 57     | 17     | 0.3       | 3.9     | 1.34  | 92        | 25.4362 | 30.2706 |
| 2009 | 6     | 10  | 3    | 7      | 17     | 0.3       | 3.9     | 1.36  | 89.4      | 25.4362 | 30.57   |
| 2009 | 6     | 10  | 3    | 17     | 17     | 0.3       | 3.9     | 1.32  | 91.4      | 25.414  | 29.6451 |
| 2009 | 6     | 10  | 3    | 27     | 17     | 0.3       | 3.9     | 1.32  | 90.6      | 25.414  | 29.7199 |
| 2009 | 6     | 10  | 3    | 37     | 17     | 0.3       | 3.9     | 1.3   | 93.3      | 25.414  | 29.1966 |
| 2009 | 6     | 10  | 3    | 47     | 17     | 0.3       | 3.9     | 1.33  | 90        | 25.414  | 30.0189 |
| 2009 | 6     | 10  | 3    | 57     | 17     | 0.3       | 3.9     | 1.3   | 91.9      | 25.414  | 29.1966 |
| 2009 | 6     | 10  | 4    | 7      | 17     | 0.3       | 3.9     | 1.34  | 92.7      | 25.414  | 30.1684 |
| 2009 | 6     | 10  | 4    | 17     | 17     | 0.3       | 3.9     | 1.3   | 92.3      | 25.3917 | 29.1701 |
| 2009 | 6     | 10  | 4    | 27     | 17     | 0.3       | 3.9     | 1.32  | 93.3      | 25.3917 | 29.6182 |
| 2009 | 6     | 10  | 4    | 37     | 17     | 0.3       | 3.9     | 1.34  | 91        | 25.3917 | 30.1411 |
| 2009 | 6     | 10  | 4    | 47     | 17     | 0.3       | 3.9     | 1.32  | 92.4      | 25.3917 | 29.6182 |
| 2009 | 6     | 10  | 4    | 57     | 17     | 0.3       | 3.9     | 1.29  | 94.1      | 25.3917 | 28.9461 |
| 2009 | 6     | 10  | 5    | 7      | 17     | 0.3       | 3.9     | 1.29  | 92.9      | 25.3695 | 29.0691 |
| 2009 | 6     | 10  | 5    | 17     | 17     | 0.3       | 3.9     | 1.32  | 92.1      | 25.3695 | 29.5914 |
| 2009 | 6     | 10  | 5    | 27     | 17     | 0.3       | 3.9     | 1.33  | 91.4      | 25.3695 | 29.9645 |
| 2009 | 6     | 10  | 5    | 37     | 17     | 0.3       | 3.9     | 1.28  | 92.3      | 25.3695 | 28.8453 |
| 2009 | 6     | 10  | 5    | 47     | 17     | 0.3       | 3.9     | 1.34  | 92.8      | 25.3695 | 30.0391 |
| 2009 | 6     | 10  | 5    | 57     | 17     | 0.3       | 3.9     | 1.32  | 90.6      | 25.3695 | 29.7406 |
| 2009 | 6     | 10  | 6    | 7      | 17     | 0.3       | 3.9     | 1.3   | 91.5      | 25.3695 | 29.1437 |
| 2009 | 6     | 10  | 6    | 17     | 17     | 0.3       | 3.6     | 1.33  | 92.5      | 25.3473 | 29.9373 |
| 2009 | 6     | 10  | 6    | 27     | 17     | 0.3       | 3.6     | 1.31  | 93.5      | 25.3473 | 29.3408 |
| 2009 | 6     | 10  | 6    | 37     | 17     | 0.3       | 3.6     | 1.31  | 91.7      | 25.3473 | 29.4899 |
| 2009 | 6     | 10  | 6    | 47     | 17     | 0.3       | 3.6     | 1.32  | 92.3      | 25.3251 | 29.5376 |
| 2009 | 6     | 10  | 6    | 57     | 17     | 0.3       | 3.6     | 1.34  | 93.4      | 25.3251 | 29.9846 |
| 2009 | 6     | 10  | 7    | 7      | 17     | 0.3       | 3.6     | 1.35  | 92.7      | 25.3028 | 30.1806 |
| 2009 | 6     | 10  | 7    | 17     | 17     | 0.3       | 3.6     | 1.34  | 92.7      | 25.3251 | 29.9846 |
| 2009 | 6     | 10  | 7    | 27     | 17     | 0.3       | 3.6     | 1.28  | 93.1      | 25.3028 | 28.6923 |
| 2009 | 6     | 10  | 7    | 37     | 17     | 0.3       | 3.6     | 1.32  | 92.3      | 25.2806 | 29.6326 |
| 2009 | 6     | 10  | 7    | 47     | 17     | 0.3       | 3.6     | 1.3   | 91.5      | 25.2584 | 29.0113 |
| 2009 | 6     | 10  | 7    | 57     | 17     | 0.3       | 3.6     | 1.3   | 90.4      | 25.2361 | 28.9848 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 10  | 8    | 7      | 17     | 0.3       | 3.6     | 1.35  | 91        | 25.2361 | 30.1723 |
| 2009 | 6     | 10  | 8    | 17     | 17     | 0.3       | 3.6     | 1.29  | 91.9      | 25.2361 | 28.8364 |
| 2009 | 6     | 10  | 8    | 27     | 17     | 0.3       | 3.6     | 1.31  | 92.9      | 25.2361 | 29.3559 |
| 2009 | 6     | 10  | 8    | 37     | 17     | 0.3       | 3.6     | 1.34  | 91.1      | 25.2139 | 29.8481 |
| 2009 | 6     | 10  | 8    | 47     | 17     | 0.3       | 3.6     | 1.31  | 92.9      | 25.2139 | 29.1807 |
| 2009 | 6     | 10  | 8    | 57     | 17     | 0.3       | 3.6     | 1.29  | 94.1      | 25.2139 | 28.6618 |
| 2009 | 6     | 10  | 9    | 7      | 17     | 0.3       | 3.6     | 1.29  | 92        | 25.2139 | 28.8842 |
| 2009 | 6     | 10  | 9    | 17     | 17     | 0.3       | 3.6     | 1.3   | 91.7      | 25.1916 | 29.0059 |
| 2009 | 6     | 10  | 9    | 27     | 17     | 0.3       | 3.6     | 1.29  | 91.2      | 25.2139 | 28.7359 |
| 2009 | 6     | 10  | 9    | 37     | 17     | 0.3       | 3.6     | 1.32  | 92.9      | 25.1916 | 29.3763 |
| 2009 | 6     | 10  | 9    | 47     | 17     | 0.3       | 3.6     | 1.31  | 92.7      | 25.1916 | 29.3022 |
| 2009 | 6     | 10  | 9    | 57     | 17     | 0.3       | 3.6     | 1.31  | 91.1      | 25.1916 | 29.2281 |
| 2009 | 6     | 10  | 10   | 7      | 17     | 0.3       | 3.6     | 1.29  | 92.3      | 25.1916 | 28.8578 |
| 2009 | 6     | 10  | 10   | 17     | 17     | 0.3       | 3.6     | 1.31  | 91.7      | 25.1916 | 29.3022 |
| 2009 | 6     | 10  | 10   | 27     | 17     | 0.3       | 3.6     | 1.26  | 91.2      | 25.1916 | 28.1912 |
| 2009 | 6     | 10  | 10   | 37     | 17     | 0.3       | 3.6     | 1.32  | 90        | 25.1916 | 29.4503 |
| 2009 | 6     | 10  | 10   | 47     | 17     | 0.3       | 3.6     | 1.29  | 91        | 25.1916 | 28.7837 |
| 2009 | 6     | 10  | 10   | 57     | 17     | 0.3       | 3.6     | 1.3   | 91.6      | 25.1693 | 28.9793 |
| 2009 | 6     | 10  | 11   | 7      | 17     | 0.3       | 3.6     | 1.33  | 91.1      | 25.1693 | 29.6454 |
| 2009 | 6     | 10  | 11   | 17     | 17     | 0.3       | 3.6     | 1.28  | 93.5      | 25.1693 | 28.4614 |
| 2009 | 6     | 10  | 11   | 27     | 17     | 0.3       | 3.6     | 1.32  | 90.4      | 25.1693 | 29.3494 |
| 2009 | 6     | 10  | 11   | 37     | 17     | 0.3       | 3.6     | 1.3   | 91        | 25.1693 | 29.0533 |
| 2009 | 6     | 10  | 11   | 47     | 17     | 0.3       | 3.6     | 1.31  | 93.4      | 25.1693 | 29.2013 |
| 2009 | 6     | 10  | 11   | 57     | 17     | 0.3       | 3.6     | 1.27  | 93        | 25.1471 | 28.2135 |
| 2009 | 6     | 10  | 12   | 7      | 17     | 0.3       | 3.6     | 1.3   | 91        | 25.1471 | 28.9527 |
| 2009 | 6     | 10  | 12   | 17     | 17     | 0.3       | 3.6     | 1.28  | 91.3      | 25.1471 | 28.5831 |
| 2009 | 6     | 10  | 12   | 27     | 17     | 0.3       | 3.6     | 1.3   | 91.6      | 25.1471 | 28.9527 |
| 2009 | 6     | 10  | 12   | 37     | 17     | 0.3       | 3.6     | 1.31  | 92.3      | 25.1471 | 29.1746 |
| 2009 | 6     | 10  | 12   | 47     | 17     | 0.3       | 3.6     | 1.27  | 91.3      | 25.1248 | 28.2614 |
| 2009 | 6     | 10  | 12   | 57     | 17     | 0.3       | 3.6     | 1.31  | 90        | 25.1025 | 29.0472 |
| 2009 | 6     | 10  | 13   | 7      | 17     | 0.3       | 3.6     | 1.27  | 92.5      | 25.0579 | 28.1835 |
| 2009 | 6     | 10  | 13   | 17     | 17     | 0.3       | 3.6     | 1.29  | 92        | 25.0579 | 28.6254 |
| 2009 | 6     | 10  | 13   | 27     | 17     | 0.3       | 3.6     | 1.29  | 91.6      | 25.0356 | 28.599  |
| 2009 | 6     | 10  | 13   | 37     | 17     | 0.3       | 3.6     | 1.26  | 91.6      | 25.0356 | 27.9368 |
| 2009 | 6     | 10  | 13   | 47     | 17     | 0.3       | 3.6     | 1.32  | 92.3      | 25.0356 | 29.1878 |
| 2009 | 6     | 10  | 13   | 55     | 45     | 0.3       | 3.6     | 1.3   | 89.4      | 25.0133 | 28.7197 |
| 2009 | 6     | 10  | 14   | 5      | 45     | 0.3       | 3.6     | 1.33  | 91.1      | 25.0133 | 29.3815 |
| 2009 | 6     | 10  | 14   | 15     | 45     | 0.3       | 3.6     | 1.3   | 91.7      | 25.0133 | 28.7197 |
| 2009 | 6     | 10  | 14   | 25     | 45     | 0.3       | 3.6     | 1.29  | 91.5      | 24.991  | 28.5462 |
| 2009 | 6     | 10  | 14   | 35     | 45     | 0.3       | 3.6     | 1.3   | 90        | 24.991  | 28.7666 |
| 2009 | 6     | 10  | 14   | 45     | 45     | 0.3       | 3.6     | 1.28  | 90.7      | 24.991  | 28.3993 |
| 2009 | 6     | 10  | 14   | 55     | 45     | 0.3       | 3.6     | 1.31  | 91.7      | 24.991  | 29.0604 |
| 2009 | 6     | 10  | 15   | 5      | 45     | 0.3       | 3.6     | 1.28  | 91        | 24.991  | 28.3993 |
| 2009 | 6     | 10  | 15   | 15     | 45     | 0.3       | 3.6     | 1.3   | 91        | 24.991  | 28.7666 |
| 2009 | 6     | 10  | 15   | 25     | 45     | 0.3       | 3.6     | 1.28  | 91.8      | 24.9687 | 28.373  |
| 2009 | 6     | 10  | 15   | 35     | 45     | 0.3       | 3.6     | 1.3   | 90.6      | 24.9687 | 28.6666 |
| 2009 | 6     | 10  | 15   | 45     | 45     | 0.3       | 3.6     | 1.26  | 90.6      | 24.9687 | 27.8594 |
| 2009 | 6     | 10  | 15   | 55     | 45     | 0.3       | 3.6     | 1.29  | 90        | 24.9687 | 28.5932 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 10  | 16   | 5      | 45     | 0.3       | 3.6     | 1.3   | 91.4      | 24.9687 | 28.74   |
| 2009 | 6     | 10  | 16   | 15     | 45     | 0.3       | 3.6     | 1.29  | 90.6      | 24.9687 | 28.5198 |
| 2009 | 6     | 10  | 16   | 25     | 45     | 0.3       | 3.6     | 1.31  | 91.3      | 24.9464 | 28.86   |
| 2009 | 6     | 10  | 16   | 35     | 45     | 0.3       | 3.6     | 1.29  | 91.7      | 24.9464 | 28.5667 |
| 2009 | 6     | 10  | 16   | 45     | 45     | 0.3       | 3.6     | 1.28  | 90.1      | 24.9464 | 28.2001 |
| 2009 | 6     | 10  | 16   | 55     | 45     | 0.3       | 3.6     | 1.28  | 92.3      | 24.9464 | 28.2734 |
| 2009 | 6     | 10  | 17   | 5      | 45     | 0.3       | 3.6     | 1.32  | 90        | 24.924  | 29.1996 |
| 2009 | 6     | 10  | 17   | 15     | 45     | 0.3       | 3.6     | 1.31  | 89.6      | 24.924  | 28.8332 |
| 2009 | 6     | 10  | 17   | 25     | 45     | 0.3       | 3.6     | 1.28  | 90.4      | 24.924  | 28.2472 |
| 2009 | 6     | 10  | 17   | 35     | 45     | 0.3       | 3.6     | 1.32  | 91        | 24.9017 | 29.0261 |
| 2009 | 6     | 10  | 17   | 45     | 45     | 0.3       | 3.6     | 1.3   | 91.4      | 24.9017 | 28.7333 |
| 2009 | 6     | 10  | 17   | 55     | 45     | 0.3       | 3.6     | 1.29  | 91        | 24.9017 | 28.3674 |
| 2009 | 6     | 10  | 18   | 5      | 45     | 0.3       | 3.6     | 1.28  | 91        | 24.8794 | 28.2679 |
| 2009 | 6     | 10  | 18   | 15     | 45     | 0.3       | 3.6     | 1.29  | 91        | 24.8794 | 28.4872 |
| 2009 | 6     | 10  | 18   | 25     | 45     | 0.3       | 3.6     | 1.28  | 90.9      | 24.8794 | 28.1948 |
| 2009 | 6     | 10  | 18   | 35     | 45     | 0.3       | 3.6     | 1.26  | 90.4      | 24.857  | 27.7304 |
| 2009 | 6     | 10  | 18   | 45     | 45     | 0.3       | 3.6     | 1.27  | 90.6      | 24.857  | 27.9494 |
| 2009 | 6     | 10  | 18   | 55     | 45     | 0.3       | 3.6     | 1.3   | 91.3      | 24.8347 | 28.5802 |
| 2009 | 6     | 10  | 19   | 5      | 45     | 0.3       | 3.6     | 1.29  | 91.5      | 24.8123 | 28.4077 |
| 2009 | 6     | 10  | 19   | 15     | 45     | 0.3       | 3.6     | 1.3   | 92.3      | 24.79   | 28.5269 |
| 2009 | 6     | 10  | 19   | 25     | 45     | 0.3       | 3.6     | 1.27  | 91.6      | 24.7676 | 27.8453 |
| 2009 | 6     | 10  | 19   | 35     | 45     | 0.3       | 3.6     | 1.28  | 90.9      | 24.7676 | 28.0636 |
| 2009 | 6     | 10  | 19   | 45     | 45     | 0.3       | 3.6     | 1.31  | 90.9      | 24.7676 | 28.6458 |
| 2009 | 6     | 10  | 19   | 55     | 45     | 0.3       | 3.6     | 1.31  | 91.9      | 24.7676 | 28.7186 |
| 2009 | 6     | 10  | 20   | 5      | 45     | 0.3       | 3.6     | 1.26  | 93.1      | 24.7452 | 27.5285 |
| 2009 | 6     | 10  | 20   | 15     | 45     | 0.3       | 3.6     | 1.27  | 91.5      | 24.7452 | 27.7466 |
| 2009 | 6     | 10  | 20   | 25     | 45     | 0.3       | 3.6     | 1.3   | 92        | 24.7452 | 28.4736 |
| 2009 | 6     | 10  | 20   | 35     | 45     | 0.3       | 3.6     | 1.24  | 91.5      | 24.7452 | 27.2378 |
| 2009 | 6     | 10  | 20   | 45     | 45     | 0.3       | 3.6     | 1.24  | 91.7      | 24.7229 | 27.067  |
| 2009 | 6     | 10  | 20   | 55     | 45     | 0.3       | 3.6     | 1.25  | 92.5      | 24.7229 | 27.4301 |
| 2009 | 6     | 10  | 21   | 5      | 45     | 0.3       | 3.6     | 1.28  | 91        | 24.7229 | 28.0837 |
| 2009 | 6     | 10  | 21   | 15     | 45     | 0.3       | 3.6     | 1.26  | 92.4      | 24.7229 | 27.5027 |
| 2009 | 6     | 10  | 21   | 25     | 45     | 0.3       | 3.6     | 1.28  | 91.8      | 24.7229 | 28.0837 |
| 2009 | 6     | 10  | 21   | 35     | 45     | 0.3       | 3.6     | 1.25  | 91.8      | 24.7005 | 27.4044 |
| 2009 | 6     | 10  | 21   | 45     | 45     | 0.3       | 3.6     | 1.27  | 91.6      | 24.7005 | 27.7671 |
| 2009 | 6     | 10  | 21   | 55     | 45     | 0.3       | 3.6     | 1.3   | 91.2      | 24.7005 | 28.3477 |
| 2009 | 6     | 10  | 22   | 5      | 45     | 0.3       | 3.6     | 1.29  | 93.7      | 24.7005 | 28.0574 |
| 2009 | 6     | 10  | 22   | 15     | 45     | 0.3       | 3.6     | 1.29  | 91.6      | 24.7005 | 28.2025 |
| 2009 | 6     | 10  | 22   | 25     | 45     | 0.3       | 3.6     | 1.3   | 90.7      | 24.6781 | 28.3211 |
| 2009 | 6     | 10  | 22   | 35     | 45     | 0.3       | 3.6     | 1.28  | 91.8      | 24.6781 | 28.0311 |
| 2009 | 6     | 10  | 22   | 45     | 45     | 0.3       | 3.6     | 1.24  | 92.4      | 24.6781 | 27.0888 |
| 2009 | 6     | 10  | 22   | 55     | 45     | 0.3       | 3.6     | 1.28  | 92.6      | 24.6781 | 27.8861 |
| 2009 | 6     | 10  | 23   | 5      | 45     | 0.3       | 3.6     | 1.27  | 92.5      | 24.6781 | 27.7411 |
| 2009 | 6     | 10  | 23   | 15     | 45     | 0.3       | 3.6     | 1.31  | 92        | 24.6781 | 28.5386 |
| 2009 | 6     | 10  | 23   | 25     | 45     | 0.3       | 3.6     | 1.25  | 93.2      | 24.6781 | 27.2337 |
| 2009 | 6     | 10  | 23   | 35     | 45     | 0.3       | 3.6     | 1.27  | 91.8      | 24.6781 | 27.6686 |
| 2009 | 6     | 10  | 23   | 45     | 45     | 0.3       | 3.6     | 1.26  | 91.5      | 24.6781 | 27.4511 |
| 2009 | 6     | 10  | 23   | 55     | 45     | 0.3       | 3.6     | 1.26  | 92.4      | 24.6557 | 27.4978 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 11  | 0    | 5      | 45     | 0.3       | 3.6     | 1.26  | 92.5      | 24.6557 | 27.5702 |
| 2009 | 6     | 11  | 0    | 15     | 45     | 0.3       | 3.6     | 1.3   | 92.2      | 24.6557 | 28.4393 |
| 2009 | 6     | 11  | 0    | 25     | 45     | 0.3       | 3.6     | 1.25  | 92.7      | 24.6557 | 27.2805 |
| 2009 | 6     | 11  | 0    | 35     | 45     | 0.3       | 3.6     | 1.25  | 91.8      | 24.6557 | 27.3529 |
| 2009 | 6     | 11  | 0    | 45     | 45     | 0.3       | 3.6     | 1.24  | 93        | 24.6333 | 27.0379 |
| 2009 | 6     | 11  | 0    | 55     | 45     | 0.3       | 3.6     | 1.25  | 93.6      | 24.6333 | 27.1825 |
| 2009 | 6     | 11  | 1    | 5      | 45     | 0.3       | 3.6     | 1.29  | 92.5      | 24.6333 | 28.1231 |
| 2009 | 6     | 11  | 1    | 15     | 45     | 0.3       | 3.6     | 1.27  | 91.9      | 24.6333 | 27.6889 |
| 2009 | 6     | 11  | 1    | 25     | 45     | 0.3       | 3.6     | 1.23  | 91.7      | 24.6109 | 26.7956 |
| 2009 | 6     | 11  | 1    | 35     | 45     | 0.3       | 3.6     | 1.27  | 92.5      | 24.6109 | 27.5906 |
| 2009 | 6     | 11  | 1    | 45     | 45     | 0.3       | 3.6     | 1.25  | 91.5      | 24.6109 | 27.3015 |
| 2009 | 6     | 11  | 1    | 55     | 45     | 0.3       | 3.6     | 1.24  | 93.7      | 24.6109 | 26.8679 |
| 2009 | 6     | 11  | 2    | 5      | 45     | 0.3       | 3.6     | 1.24  | 91.7      | 24.5885 | 26.9869 |
| 2009 | 6     | 11  | 2    | 15     | 45     | 0.3       | 3.6     | 1.23  | 90.6      | 24.5885 | 26.6981 |
| 2009 | 6     | 11  | 2    | 25     | 45     | 0.3       | 3.6     | 1.25  | 91        | 24.5885 | 27.2757 |
| 2009 | 6     | 11  | 2    | 35     | 45     | 0.3       | 3.6     | 1.26  | 92.7      | 24.5885 | 27.4202 |
| 2009 | 6     | 11  | 2    | 45     | 45     | 0.3       | 3.6     | 1.25  | 90.9      | 24.5661 | 27.1779 |
| 2009 | 6     | 11  | 2    | 55     | 45     | 0.3       | 3.6     | 1.24  | 90.9      | 24.5437 | 26.8639 |
| 2009 | 6     | 11  | 3    | 5      | 45     | 0.3       | 3.6     | 1.21  | 91.6      | 24.5437 | 26.2875 |
| 2009 | 6     | 11  | 3    | 15     | 45     | 0.3       | 3.6     | 1.29  | 90        | 24.5437 | 27.9451 |
| 2009 | 6     | 11  | 3    | 25     | 45     | 0.3       | 3.6     | 1.27  | 91.8      | 24.5213 | 27.5585 |
| 2009 | 6     | 11  | 3    | 35     | 45     | 0.3       | 3.6     | 1.27  | 91.5      | 24.5213 | 27.5585 |
| 2009 | 6     | 11  | 3    | 45     | 45     | 0.3       | 3.6     | 1.28  | 93.4      | 24.4989 | 27.6763 |
| 2009 | 6     | 11  | 3    | 55     | 45     | 0.3       | 3.6     | 1.22  | 91.5      | 24.4765 | 26.3566 |
| 2009 | 6     | 11  | 4    | 5      | 45     | 0.3       | 3.6     | 1.24  | 90.6      | 24.4765 | 26.8595 |
| 2009 | 6     | 11  | 4    | 15     | 45     | 0.3       | 3.6     | 1.24  | 91.8      | 24.4765 | 26.8595 |
| 2009 | 6     | 11  | 4    | 25     | 45     | 0.3       | 3.6     | 1.26  | 90.4      | 24.454  | 27.193  |
| 2009 | 6     | 11  | 4    | 35     | 45     | 0.3       | 3.6     | 1.25  | 91.2      | 24.454  | 26.9776 |
| 2009 | 6     | 11  | 4    | 45     | 45     | 0.3       | 3.6     | 1.26  | 93        | 24.454  | 27.3366 |
| 2009 | 6     | 11  | 4    | 55     | 45     | 0.3       | 3.6     | 1.25  | 92.4      | 24.454  | 27.0494 |
| 2009 | 6     | 11  | 5    | 5      | 45     | 0.3       | 3.6     | 1.26  | 91        | 24.4316 | 27.2389 |
| 2009 | 6     | 11  | 5    | 15     | 45     | 0.3       | 3.6     | 1.23  | 91.2      | 24.4316 | 26.5934 |
| 2009 | 6     | 11  | 5    | 25     | 45     | 0.3       | 3.6     | 1.25  | 93.2      | 24.4316 | 26.8803 |
| 2009 | 6     | 11  | 5    | 35     | 45     | 0.3       | 3.6     | 1.25  | 90.9      | 24.4316 | 27.0238 |
| 2009 | 6     | 11  | 5    | 45     | 45     | 0.3       | 3.6     | 1.23  | 91.2      | 24.4092 | 26.5681 |
| 2009 | 6     | 11  | 5    | 55     | 45     | 0.3       | 3.6     | 1.26  | 92.1      | 24.4092 | 27.213  |
| 2009 | 6     | 11  | 6    | 5      | 45     | 0.3       | 3.6     | 1.22  | 92        | 24.4092 | 26.3532 |
| 2009 | 6     | 11  | 6    | 15     | 45     | 0.3       | 3.6     | 1.25  | 92.7      | 24.4092 | 27.0697 |
| 2009 | 6     | 11  | 6    | 25     | 45     | 0.3       | 3.6     | 1.25  | 93.9      | 24.3867 | 26.9008 |
| 2009 | 6     | 11  | 6    | 35     | 45     | 0.3       | 3.6     | 1.25  | 91.2      | 24.3867 | 26.9008 |
| 2009 | 6     | 11  | 6    | 45     | 45     | 0.3       | 3.6     | 1.24  | 93        | 24.3867 | 26.686  |
| 2009 | 6     | 11  | 6    | 55     | 45     | 0.3       | 3.6     | 1.26  | 91.5      | 24.3867 | 27.1155 |
| 2009 | 6     | 11  | 7    | 5      | 45     | 0.3       | 3.6     | 1.24  | 93.2      | 24.3867 | 26.7576 |
| 2009 | 6     | 11  | 7    | 15     | 45     | 0.3       | 3.6     | 1.23  | 92.3      | 24.3867 | 26.5428 |
| 2009 | 6     | 11  | 7    | 25     | 45     | 0.3       | 3.6     | 1.24  | 91.5      | 24.3643 | 26.6606 |
| 2009 | 6     | 11  | 7    | 35     | 45     | 0.3       | 3.6     | 1.25  | 91.7      | 24.3643 | 26.9466 |
| 2009 | 6     | 11  | 7    | 45     | 45     | 0.3       | 3.6     | 1.24  | 91.8      | 24.3643 | 26.8036 |
| 2009 | 6     | 11  | 7    | 55     | 45     | 0.3       | 3.6     | 1.23  | 93.7      | 24.3643 | 26.5175 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 11  | 8    | 5      | 45     | 0.3       | 3.6     | 1.26  | 91.6      | 24.3643 | 27.0897 |
| 2009 | 6     | 11  | 8    | 15     | 45     | 0.3       | 3.6     | 1.22  | 92.5      | 24.3643 | 26.3745 |
| 2009 | 6     | 11  | 8    | 25     | 45     | 0.3       | 3.6     | 1.22  | 91.8      | 24.3643 | 26.303  |
| 2009 | 6     | 11  | 8    | 35     | 45     | 0.3       | 3.6     | 1.27  | 93.4      | 24.3643 | 27.3758 |
| 2009 | 6     | 11  | 8    | 45     | 45     | 0.3       | 3.6     | 1.23  | 92.4      | 24.3418 | 26.5637 |
| 2009 | 6     | 11  | 8    | 55     | 45     | 0.3       | 3.6     | 1.2   | 93.6      | 24.3418 | 25.8493 |
| 2009 | 6     | 11  | 9    | 5      | 45     | 0.3       | 3.6     | 1.21  | 92        | 24.3418 | 26.0636 |
| 2009 | 6     | 11  | 9    | 15     | 45     | 0.3       | 3.6     | 1.24  | 92.9      | 24.3418 | 26.5637 |
| 2009 | 6     | 11  | 9    | 25     | 45     | 0.3       | 3.6     | 1.23  | 90.2      | 24.3194 | 26.4669 |
| 2009 | 6     | 11  | 9    | 35     | 45     | 0.3       | 3.6     | 1.24  | 91.8      | 24.3194 | 26.6097 |
| 2009 | 6     | 11  | 9    | 45     | 45     | 0.3       | 3.6     | 1.22  | 92.5      | 24.2969 | 26.299  |
| 2009 | 6     | 11  | 9    | 55     | 45     | 0.3       | 3.6     | 1.24  | 91.7      | 24.2969 | 26.6555 |
| 2009 | 6     | 11  | 10   | 5      | 45     | 0.3       | 3.6     | 1.23  | 91.2      | 24.252  | 26.4622 |
| 2009 | 6     | 11  | 10   | 15     | 45     | 0.3       | 3.6     | 1.2   | 90.6      | 24.2295 | 25.7258 |
| 2009 | 6     | 11  | 10   | 25     | 45     | 0.3       | 3.6     | 1.23  | 90        | 24.207  | 26.2693 |
| 2009 | 6     | 11  | 10   | 35     | 45     | 0.3       | 3.6     | 1.23  | 92.1      | 24.207  | 26.4114 |
| 2009 | 6     | 11  | 10   | 45     | 45     | 0.3       | 3.6     | 1.25  | 91.2      | 24.1845 | 26.7409 |
| 2009 | 6     | 11  | 10   | 55     | 45     | 0.3       | 3.6     | 1.22  | 90.6      | 24.1845 | 26.1731 |
| 2009 | 6     | 11  | 11   | 5      | 45     | 0.3       | 3.6     | 1.25  | 91.2      | 24.1845 | 26.8118 |
| 2009 | 6     | 11  | 11   | 15     | 45     | 0.3       | 3.6     | 1.24  | 91.8      | 24.162  | 26.5024 |
| 2009 | 6     | 11  | 11   | 25     | 45     | 0.3       | 3.6     | 1.2   | 92.2      | 24.162  | 25.7226 |
| 2009 | 6     | 11  | 11   | 35     | 45     | 0.3       | 3.6     | 1.25  | 91.8      | 24.162  | 26.7151 |
| 2009 | 6     | 11  | 11   | 45     | 45     | 0.3       | 3.6     | 1.23  | 92.4      | 24.162  | 26.2897 |
| 2009 | 6     | 11  | 11   | 55     | 45     | 0.3       | 3.6     | 1.23  | 91.2      | 24.162  | 26.2897 |
| 2009 | 6     | 11  | 12   | 5      | 45     | 0.3       | 3.6     | 1.19  | 91.3      | 24.162  | 25.5099 |
| 2009 | 6     | 11  | 12   | 15     | 45     | 0.3       | 3.6     | 1.24  | 90.6      | 24.1395 | 26.5477 |
| 2009 | 6     | 11  | 12   | 25     | 45     | 0.3       | 3.6     | 1.19  | 90.3      | 24.1395 | 25.4146 |
| 2009 | 6     | 11  | 12   | 35     | 45     | 0.3       | 3.6     | 1.2   | 89.5      | 24.1395 | 25.6978 |
| 2009 | 6     | 11  | 12   | 45     | 45     | 0.3       | 3.6     | 1.23  | 92.6      | 24.1395 | 26.2644 |
| 2009 | 6     | 11  | 12   | 55     | 45     | 0.3       | 3.6     | 1.22  | 90.9      | 24.1395 | 26.0519 |
| 2009 | 6     | 11  | 13   | 5      | 45     | 0.3       | 3.6     | 1.18  | 91.7      | 24.117  | 25.2486 |
| 2009 | 6     | 11  | 13   | 15     | 45     | 0.3       | 3.6     | 1.22  | 91.2      | 24.0945 | 25.931  |
| 2009 | 6     | 11  | 13   | 25     | 45     | 0.3       | 3.6     | 1.27  | 90.7      | 24.0945 | 26.9915 |
| 2009 | 6     | 11  | 13   | 35     | 45     | 0.3       | 3.6     | 1.23  | 92        | 24.072  | 26.2591 |
| 2009 | 6     | 11  | 13   | 45     | 45     | 0.3       | 3.6     | 1.19  | 90.8      | 24.072  | 25.3411 |
| 2009 | 6     | 11  | 13   | 55     | 45     | 0.3       | 3.6     | 1.21  | 90.6      | 24.027  | 25.6446 |
| 2009 | 6     | 11  | 14   | 5      | 45     | 0.3       | 3.6     | 1.23  | 91.2      | 24.0045 | 26.1831 |
| 2009 | 6     | 11  | 14   | 15     | 45     | 0.3       | 3.6     | 1.19  | 90.5      | 24.0045 | 25.2678 |
| 2009 | 6     | 11  | 14   | 25     | 45     | 0.3       | 3.6     | 1.22  | 91.2      | 23.982  | 25.8763 |
| 2009 | 6     | 11  | 14   | 35     | 45     | 0.3       | 3.6     | 1.21  | 89.8      | 23.982  | 25.6653 |
| 2009 | 6     | 11  | 14   | 45     | 45     | 0.3       | 3.6     | 1.23  | 89.1      | 23.9594 | 26.1324 |
| 2009 | 6     | 11  | 14   | 55     | 45     | 0.3       | 3.6     | 1.22  | 90        | 23.9594 | 25.781  |
| 2009 | 6     | 11  | 15   | 5      | 45     | 0.3       | 3.6     | 1.21  | 90.5      | 23.9594 | 25.6404 |
| 2009 | 6     | 11  | 15   | 15     | 45     | 0.3       | 3.6     | 1.19  | 90.9      | 23.9369 | 25.2646 |
| 2009 | 6     | 11  | 15   | 25     | 45     | 0.3       | 3.6     | 1.22  | 91.7      | 23.9369 | 25.756  |
| 2009 | 6     | 11  | 15   | 35     | 45     | 0.3       | 3.6     | 1.2   | 90.5      | 23.9369 | 25.3348 |
| 2009 | 6     | 11  | 15   | 45     | 45     | 0.3       | 3.6     | 1.18  | 91.3      | 23.9369 | 24.9838 |
| 2009 | 6     | 11  | 15   | 55     | 45     | 0.3       | 3.6     | 1.18  | 92.1      | 23.9144 | 24.9595 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 11  | 16   | 5      | 45     | 0.3       | 3.6     | 1.18  | 90.3      | 23.9144 | 24.9595 |
| 2009 | 6     | 11  | 16   | 15     | 45     | 0.3       | 3.6     | 1.21  | 91.2      | 23.9144 | 25.6608 |
| 2009 | 6     | 11  | 16   | 25     | 45     | 0.3       | 3.6     | 1.22  | 92.2      | 23.9144 | 25.731  |
| 2009 | 6     | 11  | 16   | 35     | 45     | 0.3       | 3.6     | 1.2   | 90        | 23.8918 | 25.4257 |
| 2009 | 6     | 11  | 16   | 45     | 45     | 0.3       | 3.6     | 1.2   | 90        | 23.8918 | 25.4257 |
| 2009 | 6     | 11  | 16   | 55     | 45     | 0.3       | 3.6     | 1.2   | 89.5      | 23.8693 | 25.4009 |
| 2009 | 6     | 11  | 17   | 5      | 45     | 0.3       | 3.6     | 1.19  | 91.1      | 23.8693 | 25.1909 |
| 2009 | 6     | 11  | 17   | 15     | 45     | 0.3       | 3.6     | 1.19  | 90.2      | 23.8693 | 25.1909 |
| 2009 | 6     | 11  | 17   | 25     | 45     | 0.3       | 3.6     | 1.22  | 91.2      | 23.8467 | 25.7258 |
| 2009 | 6     | 11  | 17   | 35     | 45     | 0.3       | 3.6     | 1.2   | 92        | 23.8467 | 25.3062 |
| 2009 | 6     | 11  | 17   | 45     | 45     | 0.3       | 3.6     | 1.17  | 90.3      | 23.8242 | 24.6529 |
| 2009 | 6     | 11  | 17   | 55     | 45     | 0.3       | 3.6     | 1.17  | 91.4      | 23.8016 | 24.6986 |
| 2009 | 6     | 11  | 18   | 5      | 45     | 0.3       | 3.6     | 1.19  | 91.7      | 23.7791 | 25.0927 |
| 2009 | 6     | 11  | 18   | 15     | 45     | 0.3       | 3.6     | 1.16  | 91.6      | 23.7791 | 24.3956 |
| 2009 | 6     | 11  | 18   | 25     | 45     | 0.3       | 3.6     | 1.19  | 88.3      | 23.7565 | 25.0682 |
| 2009 | 6     | 11  | 18   | 35     | 45     | 0.3       | 3.6     | 1.22  | 89.5      | 23.7339 | 25.5307 |
| 2009 | 6     | 11  | 18   | 45     | 45     | 0.3       | 3.6     | 1.19  | 90        | 23.7113 | 25.019  |
| 2009 | 6     | 11  | 18   | 55     | 45     | 0.3       | 3.6     | 1.19  | 92.2      | 23.7113 | 24.9495 |
| 2009 | 6     | 11  | 19   | 5      | 45     | 0.3       | 3.6     | 1.16  | 91.1      | 23.6888 | 24.3001 |
| 2009 | 6     | 11  | 19   | 15     | 45     | 0.3       | 3.6     | 1.2   | 89.8      | 23.6888 | 25.1333 |
| 2009 | 6     | 11  | 19   | 25     | 45     | 0.3       | 3.6     | 1.21  | 92.2      | 23.6662 | 25.3168 |
| 2009 | 6     | 11  | 19   | 35     | 45     | 0.3       | 3.6     | 1.2   | 90.8      | 23.6662 | 25.0393 |
| 2009 | 6     | 11  | 19   | 45     | 45     | 0.3       | 3.6     | 1.2   | 90.5      | 23.6662 | 25.178  |
| 2009 | 6     | 11  | 19   | 55     | 45     | 0.3       | 3.6     | 1.16  | 91.8      | 23.6662 | 24.2762 |
| 2009 | 6     | 11  | 20   | 5      | 45     | 0.3       | 3.6     | 1.16  | 92.1      | 23.6436 | 24.2523 |
| 2009 | 6     | 11  | 20   | 15     | 45     | 0.3       | 3.6     | 1.21  | 92        | 23.6436 | 25.2225 |
| 2009 | 6     | 11  | 20   | 25     | 45     | 0.3       | 3.6     | 1.17  | 91.6      | 23.6436 | 24.4602 |
| 2009 | 6     | 11  | 20   | 35     | 45     | 0.3       | 3.6     | 1.19  | 90.6      | 23.6436 | 24.876  |
| 2009 | 6     | 11  | 20   | 45     | 45     | 0.3       | 3.6     | 1.15  | 91.5      | 23.621  | 23.9515 |
| 2009 | 6     | 11  | 20   | 55     | 45     | 0.3       | 3.6     | 1.17  | 91.9      | 23.621  | 24.2976 |
| 2009 | 6     | 11  | 21   | 5      | 45     | 0.3       | 3.6     | 1.19  | 91.1      | 23.621  | 24.7822 |
| 2009 | 6     | 11  | 21   | 15     | 45     | 0.3       | 3.6     | 1.17  | 90.8      | 23.621  | 24.5053 |
| 2009 | 6     | 11  | 21   | 25     | 45     | 0.3       | 3.6     | 1.2   | 90.5      | 23.5984 | 25.0345 |
| 2009 | 6     | 11  | 21   | 35     | 45     | 0.3       | 3.6     | 1.16  | 90.3      | 23.5984 | 24.2737 |
| 2009 | 6     | 11  | 21   | 45     | 45     | 0.3       | 3.6     | 1.16  | 92.8      | 23.5984 | 24.1354 |
| 2009 | 6     | 11  | 21   | 55     | 45     | 0.3       | 3.6     | 1.2   | 91.4      | 23.5984 | 25.0345 |
| 2009 | 6     | 11  | 22   | 5      | 45     | 0.3       | 3.6     | 1.18  | 91.3      | 23.5758 | 24.6642 |
| 2009 | 6     | 11  | 22   | 15     | 45     | 0.3       | 3.6     | 1.18  | 90.3      | 23.5758 | 24.5951 |
| 2009 | 6     | 11  | 22   | 25     | 45     | 0.3       | 3.6     | 1.19  | 90        | 23.5758 | 24.7333 |
| 2009 | 6     | 11  | 22   | 35     | 45     | 0.3       | 3.6     | 1.17  | 90.2      | 23.5758 | 24.4569 |
| 2009 | 6     | 11  | 22   | 45     | 45     | 0.3       | 3.6     | 1.16  | 90.6      | 23.5532 | 24.1567 |
| 2009 | 6     | 11  | 22   | 55     | 45     | 0.3       | 3.6     | 1.16  | 92        | 23.5532 | 24.0187 |
| 2009 | 6     | 11  | 23   | 5      | 45     | 0.3       | 3.6     | 1.17  | 91.4      | 23.5306 | 24.2707 |
| 2009 | 6     | 11  | 23   | 15     | 45     | 0.3       | 3.6     | 1.19  | 91.4      | 23.5306 | 24.6844 |
| 2009 | 6     | 11  | 23   | 25     | 45     | 0.3       | 3.6     | 1.16  | 91        | 23.5306 | 24.1328 |
| 2009 | 6     | 11  | 23   | 35     | 45     | 0.3       | 3.6     | 1.18  | 89        | 23.508  | 24.4533 |
| 2009 | 6     | 11  | 23   | 45     | 45     | 0.3       | 3.6     | 1.18  | 90        | 23.4854 | 24.4979 |
| 2009 | 6     | 11  | 23   | 55     | 45     | 0.3       | 3.6     | 1.17  | 91.1      | 23.4854 | 24.3602 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 12  | 0    | 5      | 45     | 0.3       | 3.6     | 1.17  | 90.2      | 23.4401 | 24.1745 |
| 2009 | 6     | 12  | 0    | 15     | 45     | 0.3       | 3.6     | 1.18  | 90.6      | 23.4401 | 24.3805 |
| 2009 | 6     | 12  | 0    | 25     | 45     | 0.3       | 3.6     | 1.18  | 90.3      | 23.4175 | 24.4249 |
| 2009 | 6     | 12  | 0    | 35     | 45     | 0.3       | 3.6     | 1.18  | 90.6      | 23.4175 | 24.3562 |
| 2009 | 6     | 12  | 0    | 45     | 45     | 0.3       | 3.6     | 1.19  | 91.4      | 23.4175 | 24.6994 |
| 2009 | 6     | 12  | 0    | 55     | 45     | 0.3       | 3.6     | 1.14  | 91.3      | 23.3949 | 23.441  |
| 2009 | 6     | 12  | 1    | 5      | 45     | 0.3       | 3.6     | 1.16  | 91.5      | 23.3949 | 23.9893 |
| 2009 | 6     | 12  | 1    | 15     | 45     | 0.3       | 3.6     | 1.15  | 90        | 23.3949 | 23.7836 |
| 2009 | 6     | 12  | 1    | 25     | 45     | 0.3       | 3.6     | 1.17  | 91        | 23.3949 | 24.1949 |
| 2009 | 6     | 12  | 1    | 35     | 45     | 0.3       | 3.6     | 1.18  | 90.6      | 23.3723 | 24.3077 |
| 2009 | 6     | 12  | 1    | 45     | 45     | 0.3       | 3.6     | 1.16  | 91.1      | 23.3723 | 24.0338 |
| 2009 | 6     | 12  | 1    | 55     | 45     | 0.3       | 3.6     | 1.13  | 90.8      | 23.3723 | 23.2807 |
| 2009 | 6     | 12  | 2    | 5      | 45     | 0.3       | 3.6     | 1.14  | 90.8      | 23.3723 | 23.4861 |
| 2009 | 6     | 12  | 2    | 15     | 45     | 0.3       | 3.6     | 1.16  | 90.5      | 23.3723 | 23.9653 |
| 2009 | 6     | 12  | 2    | 25     | 45     | 0.3       | 3.6     | 1.14  | 90.2      | 23.3723 | 23.5545 |
| 2009 | 6     | 12  | 2    | 35     | 45     | 0.3       | 3.6     | 1.17  | 90.5      | 23.3496 | 24.215  |
| 2009 | 6     | 12  | 2    | 45     | 45     | 0.3       | 3.6     | 1.14  | 90.8      | 23.3496 | 23.531  |
| 2009 | 6     | 12  | 2    | 55     | 45     | 0.3       | 3.6     | 1.17  | 91.6      | 23.3496 | 24.215  |
| 2009 | 6     | 12  | 3    | 5      | 45     | 0.3       | 3.6     | 1.15  | 91.1      | 23.3496 | 23.6678 |
| 2009 | 6     | 12  | 3    | 15     | 45     | 0.3       | 3.6     | 1.14  | 90        | 23.327  | 23.4392 |
| 2009 | 6     | 12  | 3    | 25     | 45     | 0.3       | 3.6     | 1.17  | 91.4      | 23.327  | 24.1225 |
| 2009 | 6     | 12  | 3    | 35     | 45     | 0.3       | 3.6     | 1.19  | 90.6      | 23.327  | 24.6009 |
| 2009 | 6     | 12  | 3    | 45     | 45     | 0.3       | 3.6     | 1.11  | 91.5      | 23.327  | 22.8927 |
| 2009 | 6     | 12  | 3    | 55     | 45     | 0.3       | 3.6     | 1.17  | 90        | 23.327  | 24.0541 |
| 2009 | 6     | 12  | 4    | 5      | 45     | 0.3       | 3.6     | 1.14  | 90.7      | 23.327  | 23.4392 |
| 2009 | 6     | 12  | 4    | 15     | 45     | 0.3       | 3.6     | 1.17  | 92.1      | 23.327  | 24.1225 |
| 2009 | 6     | 12  | 4    | 25     | 45     | 0.3       | 3.6     | 1.16  | 90.2      | 23.3043 | 23.8935 |
| 2009 | 6     | 12  | 4    | 35     | 45     | 0.3       | 3.6     | 1.15  | 92        | 23.3043 | 23.6205 |
| 2009 | 6     | 12  | 4    | 45     | 45     | 0.3       | 3.6     | 1.19  | 92.1      | 23.3043 | 24.3714 |
| 2009 | 6     | 12  | 4    | 55     | 45     | 0.3       | 3.6     | 1.16  | 93.1      | 23.3043 | 23.757  |
| 2009 | 6     | 12  | 5    | 5      | 45     | 0.3       | 3.6     | 1.15  | 92.1      | 23.3043 | 23.6887 |
| 2009 | 6     | 12  | 5    | 15     | 45     | 0.3       | 3.6     | 1.13  | 90.3      | 23.3043 | 23.2792 |
| 2009 | 6     | 12  | 5    | 25     | 45     | 0.3       | 3.6     | 1.16  | 92.3      | 23.3043 | 23.757  |
| 2009 | 6     | 12  | 5    | 35     | 45     | 0.3       | 3.6     | 1.15  | 92.1      | 23.2817 | 23.665  |
| 2009 | 6     | 12  | 5    | 45     | 45     | 0.3       | 3.6     | 1.14  | 90.8      | 23.2817 | 23.3241 |
| 2009 | 6     | 12  | 5    | 55     | 45     | 0.3       | 3.6     | 1.15  | 89.8      | 23.2817 | 23.5286 |
| 2009 | 6     | 12  | 6    | 5      | 45     | 0.3       | 3.6     | 1.16  | 91.5      | 23.2817 | 23.8696 |
| 2009 | 6     | 12  | 6    | 15     | 45     | 0.3       | 3.6     | 1.15  | 91.5      | 23.2817 | 23.5286 |
| 2009 | 6     | 12  | 6    | 25     | 45     | 0.3       | 3.6     | 1.19  | 92.2      | 23.259  | 24.3907 |
| 2009 | 6     | 12  | 6    | 35     | 45     | 0.3       | 3.6     | 1.17  | 91.9      | 23.259  | 23.9138 |
| 2009 | 6     | 12  | 6    | 45     | 45     | 0.3       | 3.6     | 1.15  | 90.3      | 23.259  | 23.6412 |
| 2009 | 6     | 12  | 6    | 55     | 45     | 0.3       | 3.6     | 1.12  | 91.3      | 23.259  | 22.892  |
| 2009 | 6     | 12  | 7    | 5      | 45     | 0.3       | 3.6     | 1.16  | 91.3      | 23.259  | 23.7775 |
| 2009 | 6     | 12  | 7    | 15     | 45     | 0.3       | 3.6     | 1.16  | 91.3      | 23.2364 | 23.8217 |
| 2009 | 6     | 12  | 7    | 25     | 45     | 0.3       | 3.6     | 1.13  | 90.7      | 23.2364 | 23.2092 |
| 2009 | 6     | 12  | 7    | 35     | 45     | 0.3       | 3.6     | 1.13  | 92.5      | 23.2364 | 23.0731 |
| 2009 | 6     | 12  | 7    | 45     | 45     | 0.3       | 3.6     | 1.11  | 92.7      | 23.2364 | 22.801  |
| 2009 | 6     | 12  | 7    | 55     | 45     | 0.3       | 3.6     | 1.16  | 92.9      | 23.2137 | 23.7297 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 12  | 8    | 5      | 45     | 0.3       | 3.6     | 1.14  | 90.7      | 23.2137 | 23.3218 |
| 2009 | 6     | 12  | 8    | 15     | 45     | 0.3       | 3.6     | 1.16  | 92.1      | 23.1911 | 23.7738 |
| 2009 | 6     | 12  | 8    | 25     | 45     | 0.3       | 3.6     | 1.2   | 91.3      | 23.1911 | 24.5211 |
| 2009 | 6     | 12  | 8    | 35     | 45     | 0.3       | 3.6     | 1.16  | 92.6      | 23.1457 | 23.7259 |
| 2009 | 6     | 12  | 8    | 45     | 45     | 0.3       | 3.6     | 1.16  | 90.8      | 23.1231 | 23.6342 |
| 2009 | 6     | 12  | 8    | 55     | 45     | 0.3       | 3.6     | 1.16  | 89.8      | 23.1231 | 23.7019 |
| 2009 | 6     | 12  | 9    | 5      | 45     | 0.3       | 3.6     | 1.17  | 89.5      | 23.1231 | 23.9728 |
| 2009 | 6     | 12  | 9    | 15     | 45     | 0.3       | 3.3     | 1.14  | 91.6      | 23.1004 | 23.2721 |
| 2009 | 6     | 12  | 9    | 25     | 45     | 0.3       | 3.3     | 1.13  | 91.8      | 23.1004 | 23.0015 |
| 2009 | 6     | 12  | 9    | 35     | 45     | 0.3       | 3.3     | 1.17  | 91.3      | 23.1004 | 23.8133 |
| 2009 | 6     | 12  | 9    | 45     | 45     | 0.3       | 3.3     | 1.16  | 90.6      | 23.1004 | 23.7456 |
| 2009 | 6     | 12  | 9    | 55     | 45     | 0.3       | 3.3     | 1.13  | 90.3      | 23.0777 | 23.0458 |
| 2009 | 6     | 12  | 10   | 5      | 45     | 0.3       | 3.3     | 1.16  | 90        | 23.0777 | 23.5864 |
| 2009 | 6     | 12  | 10   | 15     | 45     | 0.3       | 3.3     | 1.11  | 92.2      | 23.0777 | 22.5054 |
| 2009 | 6     | 12  | 10   | 25     | 45     | 0.3       | 3.3     | 1.14  | 89.3      | 23.0777 | 23.181  |
| 2009 | 6     | 12  | 10   | 35     | 45     | 0.3       | 3.3     | 1.14  | 92.1      | 23.0777 | 23.181  |
| 2009 | 6     | 12  | 10   | 45     | 45     | 0.3       | 3.3     | 1.13  | 92.2      | 23.0777 | 22.9783 |
| 2009 | 6     | 12  | 10   | 55     | 45     | 0.3       | 3.3     | 1.1   | 93.4      | 23.0777 | 22.3027 |
| 2009 | 6     | 12  | 11   | 5      | 45     | 0.3       | 3.3     | 1.13  | 92.5      | 23.0777 | 22.9783 |
| 2009 | 6     | 12  | 11   | 15     | 45     | 0.3       | 3.3     | 1.16  | 89.8      | 23.0777 | 23.5864 |
| 2009 | 6     | 12  | 11   | 25     | 45     | 0.3       | 3.3     | 1.12  | 90.8      | 23.0777 | 22.8431 |
| 2009 | 6     | 12  | 11   | 35     | 45     | 0.3       | 3.3     | 1.12  | 89.7      | 23.055  | 22.82   |
| 2009 | 6     | 12  | 11   | 45     | 45     | 0.3       | 3.3     | 1.14  | 91        | 23.055  | 23.225  |
| 2009 | 6     | 12  | 11   | 55     | 45     | 0.3       | 3.3     | 1.14  | 89.8      | 23.055  | 23.225  |
| 2009 | 6     | 12  | 12   | 5      | 45     | 0.3       | 3.3     | 1.14  | 91.5      | 23.055  | 23.225  |
| 2009 | 6     | 12  | 12   | 15     | 45     | 0.3       | 3.3     | 1.11  | 90.5      | 23.0323 | 22.5272 |
| 2009 | 6     | 12  | 12   | 25     | 45     | 0.3       | 3.3     | 1.15  | 90        | 23.0323 | 23.2688 |
| 2009 | 6     | 12  | 12   | 35     | 45     | 0.3       | 3.3     | 1.09  | 90.5      | 23.0097 | 22.1676 |
| 2009 | 6     | 12  | 12   | 45     | 45     | 0.3       | 3.3     | 1.15  | 90        | 23.0097 | 23.4473 |
| 2009 | 6     | 12  | 12   | 55     | 45     | 0.3       | 3.3     | 1.13  | 90.7      | 22.987  | 22.8178 |
| 2009 | 6     | 12  | 13   | 5      | 45     | 0.3       | 3.3     | 1.1   | 90.3      | 22.9643 | 22.3241 |
| 2009 | 6     | 12  | 13   | 15     | 45     | 0.3       | 3.3     | 1.09  | 90.7      | 22.9416 | 22.0329 |
| 2009 | 6     | 12  | 13   | 25     | 45     | 0.3       | 3.3     | 1.14  | 90.5      | 22.9416 | 23.1071 |
| 2009 | 6     | 12  | 13   | 35     | 45     | 0.3       | 3.3     | 1.13  | 91.2      | 22.9189 | 22.8152 |
| 2009 | 6     | 12  | 13   | 45     | 45     | 0.3       | 3.3     | 1.11  | 90.7      | 22.9189 | 22.3457 |
| 2009 | 6     | 12  | 13   | 55     | 45     | 0.3       | 3.3     | 1.13  | 90        | 22.8962 | 22.7919 |
| 2009 | 6     | 12  | 14   | 5      | 45     | 0.3       | 3.3     | 1.08  | 91.2      | 22.8962 | 21.7869 |
| 2009 | 6     | 12  | 14   | 15     | 45     | 0.3       | 3.3     | 1.13  | 90.7      | 22.8962 | 22.7249 |
| 2009 | 6     | 12  | 14   | 25     | 45     | 0.3       | 3.3     | 1.13  | 90.8      | 22.8735 | 22.7017 |
| 2009 | 6     | 12  | 14   | 35     | 45     | 0.3       | 3.3     | 1.09  | 89.8      | 22.8735 | 21.9654 |
| 2009 | 6     | 12  | 14   | 45     | 45     | 0.3       | 3.3     | 1.14  | 89.5      | 22.8962 | 22.926  |
| 2009 | 6     | 12  | 14   | 55     | 45     | 0.3       | 3.3     | 1.08  | 89.8      | 22.8735 | 21.7647 |
| 2009 | 6     | 12  | 15   | 5      | 45     | 0.3       | 3.3     | 1.11  | 90.7      | 22.8735 | 22.367  |
| 2009 | 6     | 12  | 15   | 15     | 45     | 0.3       | 3.3     | 1.13  | 89.7      | 22.8507 | 22.7453 |
| 2009 | 6     | 12  | 15   | 25     | 45     | 0.3       | 3.3     | 1.11  | 91        | 22.8507 | 22.411  |
| 2009 | 6     | 12  | 15   | 35     | 45     | 0.3       | 3.3     | 1.12  | 91.2      | 22.8507 | 22.6116 |
| 2009 | 6     | 12  | 15   | 45     | 45     | 0.3       | 3.3     | 1.12  | 90.3      | 22.8507 | 22.5447 |
| 2009 | 6     | 12  | 15   | 55     | 45     | 0.3       | 3.3     | 1.12  | 90.7      | 22.828  | 22.5216 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 12  | 16   | 5      | 45     | 0.3       | 3.3     | 1.12  | 90.7      | 22.828  | 22.5216 |
| 2009 | 6     | 12  | 16   | 15     | 45     | 0.3       | 3.3     | 1.12  | 91        | 22.828  | 22.5884 |
| 2009 | 6     | 12  | 16   | 25     | 45     | 0.3       | 3.3     | 1.1   | 91.4      | 22.8053 | 22.0981 |
| 2009 | 6     | 12  | 16   | 35     | 45     | 0.3       | 3.3     | 1.08  | 90.5      | 22.8053 | 21.6978 |
| 2009 | 6     | 12  | 16   | 45     | 45     | 0.3       | 3.3     | 1.1   | 91.9      | 22.7826 | 22.0754 |
| 2009 | 6     | 12  | 16   | 55     | 45     | 0.3       | 3.3     | 1.14  | 90.2      | 22.7599 | 22.7853 |
| 2009 | 6     | 12  | 17   | 5      | 45     | 0.3       | 3.3     | 1.1   | 91.2      | 22.7826 | 22.0088 |
| 2009 | 6     | 12  | 17   | 15     | 45     | 0.3       | 3.3     | 1.13  | 92.3      | 22.7826 | 22.6087 |
| 2009 | 6     | 12  | 17   | 25     | 45     | 0.3       | 3.3     | 1.1   | 91.5      | 22.7826 | 22.1421 |
| 2009 | 6     | 12  | 17   | 35     | 45     | 0.3       | 3.3     | 1.12  | 90.3      | 22.7826 | 22.4754 |
| 2009 | 6     | 12  | 17   | 45     | 45     | 0.3       | 3.3     | 1.09  | 91.4      | 22.7599 | 21.853  |
| 2009 | 6     | 12  | 17   | 55     | 45     | 0.3       | 3.3     | 1.09  | 90        | 22.7599 | 21.7864 |
| 2009 | 6     | 12  | 18   | 5      | 45     | 0.3       | 3.3     | 1.09  | 92.8      | 22.7599 | 21.9196 |
| 2009 | 6     | 12  | 18   | 15     | 45     | 0.3       | 3.3     | 1.12  | 92.2      | 22.7371 | 22.4957 |
| 2009 | 6     | 12  | 18   | 25     | 45     | 0.3       | 3.3     | 1.07  | 91.2      | 22.7371 | 21.4315 |
| 2009 | 6     | 12  | 18   | 35     | 45     | 0.3       | 3.3     | 1.13  | 90.2      | 22.7371 | 22.5622 |
| 2009 | 6     | 12  | 18   | 45     | 45     | 0.3       | 3.3     | 1.11  | 90.5      | 22.7371 | 22.2296 |
| 2009 | 6     | 12  | 18   | 55     | 45     | 0.3       | 3.3     | 1.08  | 89.8      | 22.7144 | 21.6751 |
| 2009 | 6     | 12  | 19   | 5      | 45     | 0.3       | 3.3     | 1.08  | 91.7      | 22.6917 | 21.5864 |
| 2009 | 6     | 12  | 19   | 15     | 45     | 0.3       | 3.3     | 1.1   | 89.7      | 22.6917 | 21.9846 |
| 2009 | 6     | 12  | 19   | 25     | 45     | 0.3       | 3.3     | 1.09  | 90.9      | 22.6917 | 21.7855 |
| 2009 | 6     | 12  | 19   | 35     | 45     | 0.3       | 3.3     | 1.13  | 90.5      | 22.6689 | 22.4925 |
| 2009 | 6     | 12  | 19   | 45     | 45     | 0.3       | 3.3     | 1.1   | 91        | 22.6689 | 22.0282 |
| 2009 | 6     | 12  | 19   | 55     | 45     | 0.3       | 3.3     | 1.08  | 91.6      | 22.6462 | 21.4756 |
| 2009 | 6     | 12  | 20   | 5      | 45     | 0.3       | 3.3     | 1.1   | 90.2      | 22.6462 | 22.0055 |
| 2009 | 6     | 12  | 20   | 15     | 45     | 0.3       | 3.3     | 1.12  | 90        | 22.6234 | 22.2474 |
| 2009 | 6     | 12  | 20   | 25     | 45     | 0.3       | 3.3     | 1.08  | 90.7      | 22.6234 | 21.5195 |
| 2009 | 6     | 12  | 20   | 35     | 45     | 0.3       | 3.3     | 1.09  | 91.7      | 22.6234 | 21.718  |
| 2009 | 6     | 12  | 20   | 45     | 45     | 0.3       | 3.3     | 1.09  | 90.9      | 22.6007 | 21.6955 |
| 2009 | 6     | 12  | 20   | 55     | 45     | 0.3       | 3.3     | 1.1   | 91.4      | 22.6007 | 21.8277 |
| 2009 | 6     | 12  | 21   | 5      | 45     | 0.3       | 3.3     | 1.09  | 91.9      | 22.578  | 21.739  |
| 2009 | 6     | 12  | 21   | 15     | 45     | 0.3       | 3.3     | 1.13  | 91.8      | 22.578  | 22.3995 |
| 2009 | 6     | 12  | 21   | 25     | 45     | 0.3       | 3.3     | 1.07  | 91.4      | 22.578  | 21.2768 |
| 2009 | 6     | 12  | 21   | 35     | 45     | 0.3       | 3.3     | 1.07  | 90.4      | 22.578  | 21.3428 |
| 2009 | 6     | 12  | 21   | 45     | 45     | 0.3       | 3.3     | 1.09  | 92.9      | 22.578  | 21.6069 |
| 2009 | 6     | 12  | 21   | 55     | 45     | 0.3       | 3.3     | 1.12  | 91.5      | 22.578  | 22.3334 |
| 2009 | 6     | 12  | 22   | 5      | 45     | 0.3       | 3.3     | 1.1   | 91.7      | 22.578  | 21.805  |
| 2009 | 6     | 12  | 22   | 15     | 45     | 0.3       | 3.3     | 1.07  | 90.5      | 22.5552 | 21.2547 |
| 2009 | 6     | 12  | 22   | 25     | 45     | 0.3       | 3.3     | 1.07  | 90.9      | 22.5552 | 21.2547 |
| 2009 | 6     | 12  | 22   | 35     | 45     | 0.3       | 3.3     | 1.09  | 89.8      | 22.5552 | 21.5845 |
| 2009 | 6     | 12  | 22   | 45     | 45     | 0.3       | 3.3     | 1.08  | 90.7      | 22.5552 | 21.4526 |
| 2009 | 6     | 12  | 22   | 55     | 45     | 0.3       | 3.3     | 1.09  | 92.2      | 22.5552 | 21.5845 |
| 2009 | 6     | 12  | 23   | 5      | 45     | 0.3       | 3.3     | 1.09  | 90.7      | 22.5552 | 21.6505 |
| 2009 | 6     | 12  | 23   | 15     | 45     | 0.3       | 3.3     | 1.1   | 90.7      | 22.5552 | 21.9143 |
| 2009 | 6     | 12  | 23   | 25     | 45     | 0.3       | 3.3     | 1.07  | 91.6      | 22.5324 | 21.2985 |
| 2009 | 6     | 12  | 23   | 35     | 45     | 0.3       | 3.3     | 1.1   | 89.8      | 22.5552 | 21.7824 |
| 2009 | 6     | 12  | 23   | 45     | 45     | 0.3       | 3.3     | 1.11  | 90.2      | 22.5324 | 22.0234 |
| 2009 | 6     | 12  | 23   | 55     | 45     | 0.3       | 3.3     | 1.07  | 91.6      | 22.5324 | 21.2985 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 13  | 0    | 5      | 45     | 0.3       | 3.3     | 1.08  | 93.1      | 22.5324 | 21.4962 |
| 2009 | 6     | 13  | 0    | 15     | 45     | 0.3       | 3.3     | 1.1   | 91.4      | 22.5324 | 21.7597 |
| 2009 | 6     | 13  | 0    | 25     | 45     | 0.3       | 3.3     | 1.13  | 91.5      | 22.5324 | 22.3529 |
| 2009 | 6     | 13  | 0    | 35     | 45     | 0.3       | 3.3     | 1.11  | 91.9      | 22.5324 | 22.0234 |
| 2009 | 6     | 13  | 0    | 45     | 45     | 0.3       | 3.3     | 1.11  | 91.9      | 22.5324 | 22.0893 |
| 2009 | 6     | 13  | 0    | 55     | 45     | 0.3       | 3.3     | 1.13  | 91.5      | 22.5324 | 22.4189 |
| 2009 | 6     | 13  | 1    | 5      | 45     | 0.3       | 3.3     | 1.05  | 92        | 22.5324 | 20.9032 |
| 2009 | 6     | 13  | 1    | 15     | 45     | 0.3       | 3.3     | 1.06  | 90        | 22.5324 | 21.1009 |
| 2009 | 6     | 13  | 1    | 25     | 45     | 0.3       | 3.3     | 1.08  | 92.1      | 22.5324 | 21.4303 |
| 2009 | 6     | 13  | 1    | 35     | 45     | 0.3       | 3.3     | 1.09  | 91.5      | 22.5097 | 21.6713 |
| 2009 | 6     | 13  | 1    | 45     | 45     | 0.3       | 3.3     | 1.08  | 92.3      | 22.5097 | 21.3422 |
| 2009 | 6     | 13  | 1    | 55     | 45     | 0.3       | 3.3     | 1.1   | 90.5      | 22.5097 | 21.8688 |
| 2009 | 6     | 13  | 2    | 5      | 45     | 0.3       | 3.3     | 1.06  | 91.2      | 22.5097 | 20.9473 |
| 2009 | 6     | 13  | 2    | 15     | 45     | 0.3       | 3.3     | 1.08  | 91.6      | 22.5097 | 21.4738 |
| 2009 | 6     | 13  | 2    | 25     | 45     | 0.3       | 3.3     | 1.08  | 90.2      | 22.5097 | 21.3422 |
| 2009 | 6     | 13  | 2    | 35     | 45     | 0.3       | 3.3     | 1.09  | 90        | 22.5097 | 21.6713 |
| 2009 | 6     | 13  | 2    | 45     | 45     | 0.3       | 3.3     | 1.09  | 92.8      | 22.5097 | 21.6713 |
| 2009 | 6     | 13  | 2    | 55     | 45     | 0.3       | 3.3     | 1.08  | 90.9      | 22.5097 | 21.408  |
| 2009 | 6     | 13  | 3    | 5      | 45     | 0.3       | 3.3     | 1.09  | 90.9      | 22.5097 | 21.6054 |
| 2009 | 6     | 13  | 3    | 15     | 45     | 0.3       | 3.3     | 1.03  | 92.4      | 22.5097 | 20.4209 |
| 2009 | 6     | 13  | 3    | 25     | 45     | 0.3       | 3.3     | 1.11  | 90.7      | 22.5097 | 22.0004 |
| 2009 | 6     | 13  | 3    | 35     | 45     | 0.3       | 3.3     | 1.06  | 90.5      | 22.4869 | 20.9912 |
| 2009 | 6     | 13  | 3    | 45     | 45     | 0.3       | 3.3     | 1.07  | 92.3      | 22.4869 | 21.1227 |
| 2009 | 6     | 13  | 3    | 55     | 45     | 0.3       | 3.3     | 1.07  | 90.5      | 22.4869 | 21.1884 |
| 2009 | 6     | 13  | 4    | 5      | 45     | 0.3       | 3.3     | 1.08  | 91.7      | 22.4869 | 21.4514 |
| 2009 | 6     | 13  | 4    | 15     | 45     | 0.3       | 3.3     | 1.07  | 91.1      | 22.4869 | 21.1227 |
| 2009 | 6     | 13  | 4    | 25     | 45     | 0.3       | 3.3     | 1.05  | 90.2      | 22.4869 | 20.8597 |
| 2009 | 6     | 13  | 4    | 35     | 45     | 0.3       | 3.3     | 1.03  | 92.9      | 22.4869 | 20.4654 |
| 2009 | 6     | 13  | 4    | 45     | 45     | 0.3       | 3.3     | 1.03  | 92        | 22.4869 | 20.4654 |
| 2009 | 6     | 13  | 4    | 55     | 45     | 0.3       | 3.3     | 1.12  | 91.5      | 22.4869 | 22.1748 |
| 2009 | 6     | 13  | 5    | 5      | 45     | 0.3       | 3.3     | 1.06  | 89.3      | 22.4869 | 21.0569 |
| 2009 | 6     | 13  | 5    | 15     | 45     | 0.3       | 3.3     | 1.08  | 91.9      | 22.4869 | 21.3199 |
| 2009 | 6     | 13  | 5    | 25     | 45     | 0.3       | 3.3     | 1.07  | 91.8      | 22.4869 | 21.1227 |
| 2009 | 6     | 13  | 5    | 35     | 45     | 0.3       | 3.3     | 1.06  | 91.1      | 22.4642 | 20.9693 |
| 2009 | 6     | 13  | 5    | 45     | 45     | 0.3       | 3.3     | 1.1   | 92.6      | 22.4642 | 21.7575 |
| 2009 | 6     | 13  | 5    | 55     | 45     | 0.3       | 3.3     | 1.09  | 91.4      | 22.4642 | 21.4947 |
| 2009 | 6     | 13  | 6    | 5      | 45     | 0.3       | 3.3     | 1.08  | 92.6      | 22.4642 | 21.2977 |
| 2009 | 6     | 13  | 6    | 15     | 45     | 0.3       | 3.3     | 1.03  | 90.9      | 22.4642 | 20.444  |
| 2009 | 6     | 13  | 6    | 25     | 45     | 0.3       | 3.3     | 1.07  | 92.3      | 22.4642 | 21.232  |
| 2009 | 6     | 13  | 6    | 35     | 45     | 0.3       | 3.3     | 1.05  | 90.5      | 22.4642 | 20.838  |
| 2009 | 6     | 13  | 6    | 45     | 45     | 0.3       | 3.3     | 1.1   | 93.8      | 22.4642 | 21.6918 |
| 2009 | 6     | 13  | 6    | 55     | 45     | 0.3       | 3.3     | 1.11  | 90.8      | 22.4642 | 21.9546 |
| 2009 | 6     | 13  | 7    | 5      | 45     | 0.3       | 3.3     | 1.09  | 92.4      | 22.4642 | 21.4947 |
| 2009 | 6     | 13  | 7    | 15     | 45     | 0.3       | 3.3     | 1.06  | 93.4      | 22.4642 | 21.035  |
| 2009 | 6     | 13  | 7    | 25     | 45     | 0.3       | 3.3     | 1.07  | 90.9      | 22.4642 | 21.1006 |
| 2009 | 6     | 13  | 7    | 35     | 45     | 0.3       | 3.3     | 1.02  | 93.3      | 22.4642 | 20.1814 |
| 2009 | 6     | 13  | 7    | 45     | 45     | 0.3       | 3.3     | 1.11  | 92        | 22.4642 | 21.9546 |
| 2009 | 6     | 13  | 7    | 55     | 45     | 0.3       | 3.3     | 1.04  | 92.4      | 22.4642 | 20.5097 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 13  | 8    | 5      | 45     | 0.3       | 3.3     | 1.07  | 92.3      | 22.4642 | 21.1663 |
| 2009 | 6     | 13  | 8    | 15     | 45     | 0.3       | 3.3     | 1.1   | 93.3      | 22.4414 | 21.6691 |
| 2009 | 6     | 13  | 8    | 25     | 45     | 0.3       | 3.3     | 1.1   | 93.4      | 22.4414 | 21.8004 |
| 2009 | 6     | 13  | 8    | 35     | 45     | 0.3       | 3.3     | 1.09  | 92.2      | 22.4414 | 21.4723 |
| 2009 | 6     | 13  | 8    | 45     | 45     | 0.3       | 3.3     | 1.06  | 91.8      | 22.4414 | 20.9474 |
| 2009 | 6     | 13  | 8    | 55     | 45     | 0.3       | 3.3     | 1.07  | 91.1      | 22.4414 | 21.2098 |
| 2009 | 6     | 13  | 9    | 5      | 45     | 0.3       | 3.3     | 1.09  | 91.6      | 22.4414 | 21.4723 |
| 2009 | 6     | 13  | 9    | 15     | 45     | 0.3       | 3.3     | 1.06  | 92        | 22.4414 | 20.9474 |
| 2009 | 6     | 13  | 9    | 25     | 45     | 0.3       | 3.3     | 1.07  | 92.6      | 22.4414 | 21.0786 |
| 2009 | 6     | 13  | 9    | 35     | 45     | 0.3       | 3.3     | 1.08  | 92.1      | 22.4414 | 21.4067 |
| 2009 | 6     | 13  | 9    | 45     | 45     | 0.3       | 3.3     | 1.09  | 91.5      | 22.4414 | 21.6035 |
| 2009 | 6     | 13  | 9    | 55     | 45     | 0.3       | 3.3     | 1.07  | 91.4      | 22.4186 | 21.1221 |
| 2009 | 6     | 13  | 10   | 5      | 45     | 0.3       | 3.3     | 1.09  | 90        | 22.4186 | 21.4498 |
| 2009 | 6     | 13  | 10   | 15     | 45     | 0.3       | 3.3     | 1.08  | 90.7      | 22.4186 | 21.3843 |
| 2009 | 6     | 13  | 10   | 25     | 45     | 0.3       | 3.3     | 1.07  | 91.2      | 22.3959 | 21.1655 |
| 2009 | 6     | 13  | 10   | 35     | 45     | 0.3       | 3.3     | 1.06  | 92        | 22.3959 | 20.9036 |
| 2009 | 6     | 13  | 10   | 45     | 45     | 0.3       | 3.3     | 1.07  | 93.9      | 22.3731 | 21.0779 |
| 2009 | 6     | 13  | 10   | 55     | 45     | 0.3       | 3.3     | 1.04  | 90.9      | 22.3731 | 20.4893 |
| 2009 | 6     | 13  | 11   | 5      | 45     | 0.3       | 3.3     | 1.07  | 90.5      | 22.3503 | 20.9904 |
| 2009 | 6     | 13  | 11   | 15     | 45     | 0.3       | 3.3     | 1.07  | 91.8      | 22.3503 | 20.9904 |
| 2009 | 6     | 13  | 11   | 25     | 45     | 0.3       | 3.3     | 1.06  | 90        | 22.3275 | 20.9031 |
| 2009 | 6     | 13  | 11   | 35     | 45     | 0.3       | 3.3     | 1.07  | 91.8      | 22.3275 | 21.0989 |
| 2009 | 6     | 13  | 11   | 45     | 45     | 0.3       | 3.3     | 1.08  | 91.9      | 22.3275 | 21.2947 |
| 2009 | 6     | 13  | 11   | 55     | 45     | 0.3       | 3.3     | 1.07  | 90.5      | 22.3275 | 21.0337 |
| 2009 | 6     | 13  | 12   | 5      | 45     | 0.3       | 3.3     | 1.06  | 91.6      | 22.3275 | 20.8379 |
| 2009 | 6     | 13  | 12   | 15     | 45     | 0.3       | 3.3     | 1.06  | 90.9      | 22.3047 | 20.7508 |
| 2009 | 6     | 13  | 12   | 25     | 45     | 0.3       | 3.3     | 1.09  | 90.9      | 22.3047 | 21.4028 |
| 2009 | 6     | 13  | 12   | 35     | 45     | 0.3       | 3.3     | 1.06  | 90.7      | 22.3047 | 20.7508 |
| 2009 | 6     | 13  | 12   | 45     | 45     | 0.3       | 3.3     | 1.09  | 91.5      | 22.3047 | 21.468  |
| 2009 | 6     | 13  | 12   | 55     | 45     | 0.3       | 3.3     | 1.08  | 92.1      | 22.3047 | 21.2071 |
| 2009 | 6     | 13  | 13   | 5      | 45     | 0.3       | 3.3     | 1.04  | 90.5      | 22.3047 | 20.49   |
| 2009 | 6     | 13  | 13   | 15     | 45     | 0.3       | 3.3     | 1.08  | 91.6      | 22.3047 | 21.1419 |
| 2009 | 6     | 13  | 13   | 25     | 45     | 0.3       | 3.3     | 1.05  | 90.4      | 22.3047 | 20.6856 |
| 2009 | 6     | 13  | 13   | 35     | 45     | 0.3       | 3.3     | 1.05  | 91.6      | 22.3047 | 20.5552 |
| 2009 | 6     | 13  | 13   | 45     | 45     | 0.3       | 3.3     | 1.09  | 91.7      | 22.3047 | 21.4028 |
| 2009 | 6     | 13  | 13   | 55     | 45     | 0.3       | 3.3     | 1.08  | 90        | 22.3047 | 21.2723 |
| 2009 | 6     | 13  | 14   | 5      | 45     | 0.3       | 3.3     | 1.06  | 91.2      | 22.282  | 20.8592 |
| 2009 | 6     | 13  | 14   | 15     | 45     | 0.3       | 3.3     | 1.06  | 89.8      | 22.282  | 20.794  |
| 2009 | 6     | 13  | 14   | 25     | 45     | 0.3       | 3.3     | 1.03  | 90.9      | 22.282  | 20.208  |
| 2009 | 6     | 13  | 14   | 35     | 45     | 0.3       | 3.3     | 1.06  | 90.4      | 22.282  | 20.8592 |
| 2009 | 6     | 13  | 14   | 45     | 45     | 0.3       | 3.3     | 1.06  | 90.7      | 22.282  | 20.8592 |
| 2009 | 6     | 13  | 14   | 55     | 45     | 0.3       | 3.3     | 1.07  | 91.6      | 22.282  | 20.9243 |
| 2009 | 6     | 13  | 15   | 5      | 45     | 0.3       | 3.3     | 1.04  | 92        | 22.282  | 20.4033 |
| 2009 | 6     | 13  | 15   | 15     | 45     | 0.3       | 3.3     | 1.06  | 90.4      | 22.282  | 20.794  |
| 2009 | 6     | 13  | 15   | 25     | 45     | 0.3       | 3.3     | 1.06  | 91.6      | 22.282  | 20.7289 |
| 2009 | 6     | 13  | 15   | 35     | 45     | 0.3       | 3.3     | 1.06  | 92.1      | 22.282  | 20.8592 |
| 2009 | 6     | 13  | 15   | 45     | 45     | 0.3       | 3.3     | 1.01  | 91.5      | 22.2592 | 19.8616 |
| 2009 | 6     | 13  | 15   | 55     | 45     | 0.3       | 3.3     | 1.04  | 91.8      | 22.2592 | 20.4469 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 13  | 16   | 5      | 45     | 0.3       | 3.3     | 1.07  | 90.5      | 22.2592 | 20.9022 |
| 2009 | 6     | 13  | 16   | 15     | 45     | 0.3       | 3.3     | 1.06  | 90        | 22.2592 | 20.7721 |
| 2009 | 6     | 13  | 16   | 25     | 45     | 0.3       | 3.3     | 1.03  | 90.7      | 22.2592 | 20.1867 |
| 2009 | 6     | 13  | 16   | 35     | 45     | 0.3       | 3.3     | 1.07  | 91.1      | 22.2592 | 20.9022 |
| 2009 | 6     | 13  | 16   | 45     | 45     | 0.3       | 3.3     | 1.04  | 90        | 22.2592 | 20.3818 |
| 2009 | 6     | 13  | 16   | 55     | 45     | 0.3       | 3.3     | 1.07  | 90.4      | 22.2592 | 20.9673 |
| 2009 | 6     | 13  | 17   | 5      | 45     | 0.3       | 3.3     | 1.08  | 91.7      | 22.2592 | 21.1625 |
| 2009 | 6     | 13  | 17   | 15     | 45     | 0.3       | 3.3     | 1.06  | 92.3      | 22.2592 | 20.8372 |
| 2009 | 6     | 13  | 17   | 25     | 45     | 0.3       | 3.3     | 1.07  | 92.1      | 22.2592 | 20.9673 |
| 2009 | 6     | 13  | 17   | 35     | 45     | 0.3       | 3.3     | 1.07  | 90.5      | 22.2364 | 20.8802 |
| 2009 | 6     | 13  | 17   | 45     | 45     | 0.3       | 3.3     | 1.07  | 91.1      | 22.2364 | 20.8802 |
| 2009 | 6     | 13  | 17   | 55     | 45     | 0.3       | 3.3     | 1.07  | 91.9      | 22.2364 | 21.0102 |
| 2009 | 6     | 13  | 18   | 5      | 45     | 0.3       | 3.3     | 1.05  | 90        | 22.2364 | 20.4903 |
| 2009 | 6     | 13  | 18   | 15     | 45     | 0.3       | 3.3     | 1.06  | 89.8      | 22.2364 | 20.6852 |
| 2009 | 6     | 13  | 18   | 25     | 45     | 0.3       | 3.3     | 1.03  | 88.5      | 22.2364 | 20.2304 |
| 2009 | 6     | 13  | 18   | 35     | 45     | 0.3       | 3.3     | 1.07  | 88.6      | 22.2364 | 21.0102 |
| 2009 | 6     | 13  | 18   | 45     | 45     | 0.3       | 3.3     | 1.04  | 91.3      | 22.2364 | 20.4253 |
| 2009 | 6     | 13  | 18   | 55     | 45     | 0.3       | 3.3     | 1.08  | 92.4      | 22.2364 | 21.0752 |
| 2009 | 6     | 13  | 19   | 5      | 45     | 0.3       | 3.3     | 1.03  | 92.4      | 22.2364 | 20.2304 |
| 2009 | 6     | 13  | 19   | 15     | 45     | 0.3       | 3.3     | 1.05  | 91.3      | 22.2364 | 20.4903 |
| 2009 | 6     | 13  | 19   | 25     | 45     | 0.3       | 3.3     | 1.1   | 91.7      | 22.2136 | 21.4425 |
| 2009 | 6     | 13  | 19   | 35     | 45     | 0.3       | 3.3     | 1.06  | 90.4      | 22.2136 | 20.6634 |
| 2009 | 6     | 13  | 19   | 45     | 45     | 0.3       | 3.3     | 1.03  | 91.5      | 22.2136 | 20.0792 |
| 2009 | 6     | 13  | 19   | 55     | 45     | 0.3       | 3.3     | 1.07  | 91.9      | 22.2136 | 20.9231 |
| 2009 | 6     | 13  | 20   | 5      | 45     | 0.3       | 3.3     | 1.07  | 93.5      | 22.2136 | 20.9231 |
| 2009 | 6     | 13  | 20   | 15     | 45     | 0.3       | 3.3     | 1.09  | 91.9      | 22.2136 | 21.3776 |
| 2009 | 6     | 13  | 20   | 25     | 45     | 0.3       | 3.3     | 1.04  | 91.3      | 22.2136 | 20.2739 |
| 2009 | 6     | 13  | 20   | 35     | 45     | 0.3       | 3.3     | 1.04  | 92.3      | 22.2136 | 20.4037 |
| 2009 | 6     | 13  | 20   | 45     | 45     | 0.3       | 3.3     | 1.08  | 91.6      | 22.2136 | 21.1828 |
| 2009 | 6     | 13  | 20   | 55     | 45     | 0.3       | 3.3     | 1.01  | 93.4      | 22.1908 | 19.6043 |
| 2009 | 6     | 13  | 21   | 5      | 45     | 0.3       | 3.3     | 1.06  | 94.5      | 22.2136 | 20.5985 |
| 2009 | 6     | 13  | 21   | 15     | 45     | 0.3       | 3.3     | 1.04  | 92.9      | 22.1908 | 20.3822 |
| 2009 | 6     | 13  | 21   | 25     | 45     | 0.3       | 3.3     | 1.05  | 92.1      | 22.1908 | 20.5118 |
| 2009 | 6     | 13  | 21   | 35     | 45     | 0.3       | 3.3     | 1.02  | 92.6      | 22.1908 | 19.9932 |
| 2009 | 6     | 13  | 21   | 45     | 45     | 0.3       | 3.3     | 1.06  | 91.2      | 22.1908 | 20.6415 |
| 2009 | 6     | 13  | 21   | 55     | 45     | 0.3       | 3.3     | 1.04  | 92.3      | 22.1908 | 20.3173 |
| 2009 | 6     | 13  | 22   | 5      | 45     | 0.3       | 3.3     | 1.07  | 94.2      | 22.1908 | 20.9009 |
| 2009 | 6     | 13  | 22   | 15     | 45     | 0.3       | 3.3     | 1.08  | 93        | 22.1908 | 21.0306 |
| 2009 | 6     | 13  | 22   | 25     | 45     | 0.3       | 3.3     | 1.05  | 91.6      | 22.1908 | 20.5118 |
| 2009 | 6     | 13  | 22   | 35     | 45     | 0.3       | 3.3     | 1.06  | 93.7      | 22.1908 | 20.7064 |
| 2009 | 6     | 13  | 22   | 45     | 45     | 0.3       | 3.3     | 1.02  | 91.7      | 22.1908 | 19.9932 |
| 2009 | 6     | 13  | 22   | 55     | 45     | 0.3       | 3.3     | 1.03  | 92.2      | 22.1908 | 20.1228 |
| 2009 | 6     | 13  | 23   | 5      | 45     | 0.3       | 3.3     | 1.03  | 93.6      | 22.1908 | 20.1228 |
| 2009 | 6     | 13  | 23   | 15     | 45     | 0.3       | 3.3     | 1.07  | 91.6      | 22.168  | 20.9436 |
| 2009 | 6     | 13  | 23   | 25     | 45     | 0.3       | 3.3     | 1.04  | 92.3      | 22.168  | 20.2958 |
| 2009 | 6     | 13  | 23   | 35     | 45     | 0.3       | 3.3     | 1.04  | 91.6      | 22.168  | 20.3606 |
| 2009 | 6     | 13  | 23   | 45     | 45     | 0.3       | 3.3     | 1.03  | 90.7      | 22.168  | 20.1663 |
| 2009 | 6     | 13  | 23   | 55     | 45     | 0.3       | 3.3     | 1.04  | 91.6      | 22.168  | 20.3606 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 14  | 0    | 5      | 45     | 0.3       | 3.3     | 1.05  | 93.6      | 22.168  | 20.4254 |
| 2009 | 6     | 14  | 0    | 15     | 45     | 0.3       | 3.3     | 1.05  | 93.9      | 22.168  | 20.4254 |
| 2009 | 6     | 14  | 0    | 25     | 45     | 0.3       | 3.3     | 1.02  | 90.7      | 22.168  | 19.9073 |
| 2009 | 6     | 14  | 0    | 35     | 45     | 0.3       | 3.3     | 1.04  | 92        | 22.1452 | 20.339  |
| 2009 | 6     | 14  | 0    | 45     | 45     | 0.3       | 3.3     | 1.02  | 92.2      | 22.168  | 19.972  |
| 2009 | 6     | 14  | 0    | 55     | 45     | 0.3       | 3.3     | 1.07  | 92.3      | 22.168  | 20.9436 |
| 2009 | 6     | 14  | 1    | 5      | 45     | 0.3       | 3.3     | 1.02  | 91.3      | 22.1452 | 19.9508 |
| 2009 | 6     | 14  | 1    | 15     | 45     | 0.3       | 3.3     | 1.05  | 93.4      | 22.168  | 20.4254 |
| 2009 | 6     | 14  | 1    | 25     | 45     | 0.3       | 3.3     | 1.04  | 93.2      | 22.1452 | 20.339  |
| 2009 | 6     | 14  | 1    | 35     | 45     | 0.3       | 3.3     | 1.02  | 93.5      | 22.1452 | 19.8215 |
| 2009 | 6     | 14  | 1    | 45     | 45     | 0.3       | 3.3     | 1.1   | 92.7      | 22.168  | 21.3972 |
| 2009 | 6     | 14  | 1    | 55     | 45     | 0.3       | 3.3     | 1.09  | 92.4      | 22.168  | 21.2676 |
| 2009 | 6     | 14  | 2    | 5      | 45     | 0.3       | 3.3     | 1.06  | 92.1      | 22.1452 | 20.5978 |
| 2009 | 6     | 14  | 2    | 15     | 45     | 0.3       | 3.3     | 1.04  | 92.7      | 22.168  | 20.2958 |
| 2009 | 6     | 14  | 2    | 25     | 45     | 0.3       | 3.3     | 1.04  | 92.7      | 22.1452 | 20.2743 |
| 2009 | 6     | 14  | 2    | 35     | 45     | 0.3       | 3.3     | 1.07  | 92.5      | 22.1452 | 20.8567 |
| 2009 | 6     | 14  | 2    | 45     | 45     | 0.3       | 3.3     | 1.07  | 94.6      | 22.1452 | 20.8567 |
| 2009 | 6     | 14  | 2    | 55     | 45     | 0.3       | 3.3     | 1.05  | 92.1      | 22.1452 | 20.4684 |
| 2009 | 6     | 14  | 3    | 5      | 45     | 0.3       | 3.3     | 1.08  | 92.3      | 22.1452 | 21.0508 |
| 2009 | 6     | 14  | 3    | 15     | 45     | 0.3       | 3.3     | 1.03  | 92.9      | 22.1452 | 20.0802 |
| 2009 | 6     | 14  | 3    | 25     | 45     | 0.3       | 3.3     | 1.03  | 92.4      | 22.1452 | 20.0155 |
| 2009 | 6     | 14  | 3    | 35     | 45     | 0.3       | 3.3     | 1.04  | 92.7      | 22.1452 | 20.339  |
| 2009 | 6     | 14  | 3    | 45     | 45     | 0.3       | 3.3     | 1.03  | 92.6      | 22.1452 | 20.0802 |
| 2009 | 6     | 14  | 3    | 55     | 45     | 0.3       | 3.3     | 1.02  | 95        | 22.1452 | 19.8215 |
| 2009 | 6     | 14  | 4    | 5      | 45     | 0.3       | 3.3     | 1.04  | 92.5      | 22.1452 | 20.2743 |
| 2009 | 6     | 14  | 4    | 15     | 45     | 0.3       | 3.3     | 1.07  | 93.9      | 22.1452 | 20.7272 |
| 2009 | 6     | 14  | 4    | 25     | 45     | 0.3       | 3.3     | 1.06  | 92.3      | 22.1452 | 20.5978 |
| 2009 | 6     | 14  | 4    | 35     | 45     | 0.3       | 3.3     | 1.07  | 93        | 22.1452 | 20.792  |
| 2009 | 6     | 14  | 4    | 45     | 45     | 0.3       | 3.3     | 1.04  | 93.6      | 22.1452 | 20.2743 |
| 2009 | 6     | 14  | 4    | 55     | 45     | 0.3       | 3.3     | 1.07  | 92.1      | 22.1452 | 20.792  |
| 2009 | 6     | 14  | 5    | 5      | 45     | 0.3       | 3.3     | 1.03  | 93.1      | 22.1452 | 20.0155 |
| 2009 | 6     | 14  | 5    | 15     | 45     | 0.3       | 3.3     | 1.01  | 93.5      | 22.1452 | 19.6921 |
| 2009 | 6     | 14  | 5    | 25     | 45     | 0.3       | 3.3     | 1.06  | 91.1      | 22.1452 | 20.5978 |
| 2009 | 6     | 14  | 5    | 35     | 45     | 0.3       | 3.3     | 1.05  | 91.8      | 22.1452 | 20.4684 |
| 2009 | 6     | 14  | 5    | 45     | 45     | 0.3       | 3.3     | 1.02  | 93.3      | 22.1452 | 19.8862 |
| 2009 | 6     | 14  | 5    | 55     | 45     | 0.3       | 3.3     | 1.04  | 91.6      | 22.1452 | 20.2096 |
| 2009 | 6     | 14  | 6    | 5      | 45     | 0.3       | 3.3     | 1.05  | 93.2      | 22.1452 | 20.4684 |
| 2009 | 6     | 14  | 6    | 15     | 45     | 0.3       | 3.3     | 1.06  | 92.8      | 22.1452 | 20.7272 |
| 2009 | 6     | 14  | 6    | 25     | 45     | 0.3       | 3.3     | 1.04  | 94        | 22.1452 | 20.2096 |
| 2009 | 6     | 14  | 6    | 35     | 45     | 0.3       | 3.3     | 1.04  | 92.7      | 22.1452 | 20.2096 |
| 2009 | 6     | 14  | 6    | 45     | 45     | 0.3       | 3.3     | 1.02  | 91.8      | 22.1452 | 19.8862 |
| 2009 | 6     | 14  | 6    | 55     | 45     | 0.3       | 3.3     | 1.08  | 93.5      | 22.1452 | 20.9861 |
| 2009 | 6     | 14  | 7    | 5      | 45     | 0.3       | 3.3     | 1.03  | 91.8      | 22.1452 | 20.0155 |
| 2009 | 6     | 14  | 7    | 15     | 45     | 0.3       | 3.3     | 1.06  | 93        | 22.1452 | 20.5978 |
| 2009 | 6     | 14  | 7    | 25     | 45     | 0.3       | 3.3     | 1.06  | 93.9      | 22.1452 | 20.6625 |
| 2009 | 6     | 14  | 7    | 35     | 45     | 0.3       | 3.3     | 1.07  | 91.9      | 22.1452 | 20.9214 |
| 2009 | 6     | 14  | 7    | 45     | 45     | 0.3       | 3.3     | 1.06  | 92        | 22.1452 | 20.5978 |
| 2009 | 6     | 14  | 7    | 55     | 45     | 0.3       | 3.3     | 1.09  | 93.8      | 22.1452 | 21.245  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 14  | 8    | 5      | 45     | 0.3       | 3.3     | 1.07  | 90.5      | 22.1452 | 20.792  |
| 2009 | 6     | 14  | 8    | 15     | 45     | 0.3       | 3.3     | 1.04  | 90        | 22.1452 | 20.2096 |
| 2009 | 6     | 14  | 8    | 25     | 45     | 0.3       | 3.3     | 1.03  | 93.1      | 22.1452 | 20.1449 |
| 2009 | 6     | 14  | 8    | 35     | 45     | 0.3       | 3.3     | 1.08  | 92.1      | 22.1452 | 21.0508 |
| 2009 | 6     | 14  | 8    | 45     | 45     | 0.3       | 3.3     | 1.04  | 92.5      | 22.1452 | 20.2743 |
| 2009 | 6     | 14  | 8    | 55     | 45     | 0.3       | 3.3     | 1.05  | 91.8      | 22.1452 | 20.4684 |
| 2009 | 6     | 14  | 9    | 5      | 45     | 0.3       | 3.3     | 1.01  | 92.4      | 22.1452 | 19.7568 |
| 2009 | 6     | 14  | 9    | 15     | 45     | 0.3       | 3.3     | 1.03  | 90.9      | 22.1452 | 20.0155 |
| 2009 | 6     | 14  | 9    | 25     | 45     | 0.3       | 3.3     | 1.04  | 93.6      | 22.1224 | 20.1235 |
| 2009 | 6     | 14  | 9    | 35     | 45     | 0.3       | 3.3     | 1.02  | 92.6      | 22.1224 | 19.9297 |
| 2009 | 6     | 14  | 9    | 45     | 45     | 0.3       | 3.3     | 1.06  | 92.3      | 22.1224 | 20.576  |
| 2009 | 6     | 14  | 9    | 55     | 45     | 0.3       | 3.3     | 1.03  | 92.2      | 22.1224 | 20.1235 |
| 2009 | 6     | 14  | 10   | 5      | 45     | 0.3       | 3.3     | 1.05  | 90.4      | 22.1224 | 20.4467 |
| 2009 | 6     | 14  | 10   | 15     | 45     | 0.3       | 3.3     | 1.06  | 89.1      | 22.1224 | 20.6406 |
| 2009 | 6     | 14  | 10   | 25     | 45     | 0.3       | 3.3     | 1.06  | 92.3      | 22.1224 | 20.576  |
| 2009 | 6     | 14  | 10   | 35     | 45     | 0.3       | 3.3     | 1.05  | 91.4      | 22.1224 | 20.5113 |
| 2009 | 6     | 14  | 10   | 45     | 45     | 0.3       | 3.3     | 1.03  | 93.1      | 22.0996 | 20.1022 |
| 2009 | 6     | 14  | 10   | 55     | 45     | 0.3       | 3.3     | 1.05  | 90.2      | 22.1224 | 20.3821 |
| 2009 | 6     | 14  | 11   | 5      | 45     | 0.3       | 3.3     | 1.05  | 91.6      | 22.0996 | 20.3604 |
| 2009 | 6     | 14  | 11   | 15     | 45     | 0.3       | 3.3     | 1.04  | 92        | 22.0768 | 20.1453 |
| 2009 | 6     | 14  | 11   | 25     | 45     | 0.3       | 3.3     | 1.02  | 89.4      | 22.0768 | 19.8229 |
| 2009 | 6     | 14  | 11   | 35     | 45     | 0.3       | 3.3     | 1.02  | 90.2      | 22.0539 | 19.7373 |
| 2009 | 6     | 14  | 11   | 45     | 45     | 0.3       | 3.3     | 1.05  | 91.4      | 22.0539 | 20.446  |
| 2009 | 6     | 14  | 11   | 55     | 45     | 0.3       | 3.3     | 1.04  | 91.1      | 22.0539 | 20.1238 |
| 2009 | 6     | 14  | 12   | 5      | 45     | 0.3       | 3.3     | 1.06  | 91.6      | 22.0311 | 20.4885 |
| 2009 | 6     | 14  | 12   | 15     | 45     | 0.3       | 3.3     | 1.04  | 91.3      | 22.0311 | 20.1024 |
| 2009 | 6     | 14  | 12   | 25     | 45     | 0.3       | 3.3     | 1.07  | 90.9      | 22.0311 | 20.8104 |
| 2009 | 6     | 14  | 12   | 35     | 45     | 0.3       | 3.3     | 1.03  | 94        | 22.0311 | 19.9093 |
| 2009 | 6     | 14  | 12   | 45     | 45     | 0.3       | 3.3     | 1.03  | 92.4      | 22.0311 | 19.9737 |
| 2009 | 6     | 14  | 12   | 55     | 45     | 0.3       | 3.3     | 1.06  | 92.3      | 22.0311 | 20.6173 |
| 2009 | 6     | 14  | 13   | 5      | 45     | 0.3       | 3.3     | 1.08  | 91.4      | 22.0311 | 20.8748 |
| 2009 | 6     | 14  | 13   | 15     | 45     | 0.3       | 3.3     | 1.06  | 90.9      | 22.0311 | 20.4885 |
| 2009 | 6     | 14  | 13   | 25     | 45     | 0.3       | 3.3     | 1.03  | 91.1      | 22.0311 | 20.038  |
| 2009 | 6     | 14  | 13   | 35     | 45     | 0.3       | 3.3     | 1.04  | 91.3      | 22.0311 | 20.1024 |
| 2009 | 6     | 14  | 13   | 45     | 45     | 0.3       | 3.3     | 1.04  | 90.5      | 22.0311 | 20.1667 |
| 2009 | 6     | 14  | 13   | 55     | 45     | 0.3       | 3.3     | 1.03  | 90.4      | 22.0311 | 19.9737 |
| 2009 | 6     | 14  | 14   | 5      | 45     | 0.3       | 3.3     | 1.03  | 90.4      | 22.0311 | 19.9737 |
| 2009 | 6     | 14  | 14   | 15     | 45     | 0.3       | 3.3     | 1.03  | 90        | 22.0311 | 19.9737 |
| 2009 | 6     | 14  | 14   | 25     | 45     | 0.3       | 3.3     | 1.03  | 91.3      | 22.0311 | 19.9093 |
| 2009 | 6     | 14  | 14   | 35     | 45     | 0.3       | 3.3     | 1.03  | 90.9      | 22.0311 | 20.038  |
| 2009 | 6     | 14  | 14   | 45     | 45     | 0.3       | 3.3     | 1.05  | 91.1      | 22.0311 | 20.2955 |
| 2009 | 6     | 14  | 14   | 55     | 45     | 0.3       | 3.3     | 1.03  | 90.4      | 22.0311 | 19.9093 |
| 2009 | 6     | 14  | 15   | 5      | 45     | 0.3       | 3.3     | 1.03  | 90.7      | 22.0311 | 20.038  |
| 2009 | 6     | 14  | 15   | 15     | 45     | 0.3       | 3.3     | 1.07  | 90.2      | 22.0311 | 20.8104 |
| 2009 | 6     | 14  | 15   | 25     | 45     | 0.3       | 3.3     | 1.02  | 91.7      | 22.0311 | 19.845  |
| 2009 | 6     | 14  | 15   | 35     | 45     | 0.3       | 3.3     | 1.07  | 92.1      | 22.0311 | 20.746  |
| 2009 | 6     | 14  | 15   | 45     | 45     | 0.3       | 3.3     | 1.05  | 91.6      | 22.0311 | 20.4242 |
| 2009 | 6     | 14  | 15   | 55     | 45     | 0.3       | 3.3     | 1.07  | 90.9      | 22.0311 | 20.6817 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 14  | 16   | 5      | 45     | 0.3       | 3.3     | 1.05  | 91.6      | 22.0311 | 20.4242 |
| 2009 | 6     | 14  | 16   | 15     | 45     | 0.3       | 3.3     | 1.07  | 90.4      | 22.0311 | 20.6817 |
| 2009 | 6     | 14  | 16   | 25     | 45     | 0.3       | 3.3     | 1.04  | 90        | 22.0311 | 20.2311 |
| 2009 | 6     | 14  | 16   | 35     | 45     | 0.3       | 3.3     | 1.09  | 91.2      | 22.0311 | 21.1967 |
| 2009 | 6     | 14  | 16   | 45     | 45     | 0.3       | 3.3     | 1.03  | 90.9      | 22.0083 | 19.8881 |
| 2009 | 6     | 14  | 16   | 55     | 45     | 0.3       | 3.3     | 1.03  | 89.8      | 22.0083 | 19.9524 |
| 2009 | 6     | 14  | 17   | 5      | 45     | 0.3       | 3.3     | 1.06  | 88.6      | 22.0083 | 20.5953 |
| 2009 | 6     | 14  | 17   | 15     | 45     | 0.3       | 3.3     | 1.04  | 90        | 22.0083 | 20.1452 |
| 2009 | 6     | 14  | 17   | 25     | 45     | 0.3       | 3.3     | 1.06  | 88.9      | 22.0083 | 20.5953 |
| 2009 | 6     | 14  | 17   | 35     | 45     | 0.3       | 3.3     | 1.03  | 89.3      | 22.0083 | 20.0166 |
| 2009 | 6     | 14  | 17   | 45     | 45     | 0.3       | 3.3     | 1.08  | 92.1      | 22.0083 | 20.8525 |
| 2009 | 6     | 14  | 17   | 55     | 45     | 0.3       | 3.3     | 1.05  | 90.7      | 22.0083 | 20.2738 |
| 2009 | 6     | 14  | 18   | 5      | 45     | 0.3       | 3.3     | 1.05  | 90.7      | 22.0083 | 20.3381 |
| 2009 | 6     | 14  | 18   | 15     | 45     | 0.3       | 3.3     | 1.03  | 91.6      | 22.0083 | 19.9524 |
| 2009 | 6     | 14  | 18   | 25     | 45     | 0.3       | 3.3     | 1.03  | 89.5      | 22.0083 | 19.9524 |
| 2009 | 6     | 14  | 18   | 35     | 45     | 0.3       | 3.3     | 1.09  | 90.9      | 22.0083 | 21.0455 |
| 2009 | 6     | 14  | 18   | 45     | 45     | 0.3       | 3.3     | 1.06  | 91.6      | 22.0083 | 20.4667 |
| 2009 | 6     | 14  | 18   | 55     | 45     | 0.3       | 3.3     | 1.05  | 92.7      | 22.0083 | 20.4024 |
| 2009 | 6     | 14  | 19   | 5      | 45     | 0.3       | 3.3     | 1.05  | 92.2      | 22.0083 | 20.2738 |
| 2009 | 6     | 14  | 19   | 15     | 45     | 0.3       | 3.3     | 1.03  | 89.6      | 22.0083 | 19.9524 |
| 2009 | 6     | 14  | 19   | 25     | 45     | 0.3       | 3.3     | 1.04  | 92.7      | 22.0083 | 20.0809 |
| 2009 | 6     | 14  | 19   | 35     | 45     | 0.3       | 3.3     | 1.04  | 91.1      | 22.0083 | 20.2095 |
| 2009 | 6     | 14  | 19   | 45     | 45     | 0.3       | 3.3     | 1.07  | 91.6      | 22.0083 | 20.7239 |
| 2009 | 6     | 14  | 19   | 55     | 45     | 0.3       | 3.3     | 1.02  | 92.6      | 21.9855 | 19.8026 |
| 2009 | 6     | 14  | 20   | 5      | 45     | 0.3       | 3.3     | 1.02  | 90.7      | 22.0083 | 19.6953 |
| 2009 | 6     | 14  | 20   | 15     | 45     | 0.3       | 3.3     | 1.06  | 92.7      | 21.9855 | 20.5733 |
| 2009 | 6     | 14  | 20   | 25     | 45     | 0.3       | 3.3     | 1.02  | 90.2      | 22.0083 | 19.8238 |
| 2009 | 6     | 14  | 20   | 35     | 45     | 0.3       | 3.3     | 1.05  | 89.5      | 22.0083 | 20.4024 |
| 2009 | 6     | 14  | 20   | 45     | 45     | 0.3       | 3.3     | 1.04  | 89.8      | 21.9855 | 20.1237 |
| 2009 | 6     | 14  | 20   | 55     | 45     | 0.3       | 3.3     | 1.03  | 90        | 21.9855 | 19.8668 |
| 2009 | 6     | 14  | 21   | 5      | 45     | 0.3       | 3.3     | 1.07  | 93.9      | 22.0083 | 20.5953 |
| 2009 | 6     | 14  | 21   | 15     | 45     | 0.3       | 3.3     | 1.03  | 93.1      | 21.9855 | 19.9953 |
| 2009 | 6     | 14  | 21   | 25     | 45     | 0.3       | 3.3     | 1.04  | 92.7      | 21.9855 | 20.1237 |
| 2009 | 6     | 14  | 21   | 35     | 45     | 0.3       | 3.3     | 1.06  | 89.5      | 21.9855 | 20.5733 |
| 2009 | 6     | 14  | 21   | 45     | 45     | 0.3       | 3.3     | 1.03  | 90.9      | 21.9855 | 19.8668 |
| 2009 | 6     | 14  | 21   | 55     | 45     | 0.3       | 3.3     | 1.04  | 92.9      | 22.0083 | 20.2095 |
| 2009 | 6     | 14  | 22   | 5      | 45     | 0.3       | 3.3     | 1.06  | 90.9      | 21.9855 | 20.5733 |
| 2009 | 6     | 14  | 22   | 15     | 45     | 0.3       | 3.3     | 1.04  | 91.6      | 21.9855 | 20.1237 |
| 2009 | 6     | 14  | 22   | 25     | 45     | 0.3       | 3.3     | 1.08  | 91        | 21.9855 | 20.9587 |
| 2009 | 6     | 14  | 22   | 35     | 45     | 0.3       | 3.3     | 1.02  | 93.1      | 21.9855 | 19.7384 |
| 2009 | 6     | 14  | 22   | 45     | 45     | 0.3       | 3.3     | 1.06  | 91.6      | 21.9855 | 20.5091 |
| 2009 | 6     | 14  | 22   | 55     | 45     | 0.3       | 3.3     | 1.05  | 90.9      | 21.9855 | 20.2521 |
| 2009 | 6     | 14  | 23   | 5      | 45     | 0.3       | 3.3     | 1.03  | 91.8      | 21.9855 | 19.9311 |
| 2009 | 6     | 14  | 23   | 15     | 45     | 0.3       | 3.3     | 1.05  | 89.8      | 21.9855 | 20.3164 |
| 2009 | 6     | 14  | 23   | 25     | 45     | 0.3       | 3.3     | 1.02  | 91.7      | 21.9855 | 19.8026 |
| 2009 | 6     | 14  | 23   | 35     | 45     | 0.3       | 3.3     | 1.05  | 91.2      | 21.9855 | 20.3806 |
| 2009 | 6     | 14  | 23   | 45     | 45     | 0.3       | 3.3     | 1.08  | 92.4      | 21.9855 | 20.8302 |
| 2009 | 6     | 14  | 23   | 55     | 45     | 0.3       | 3.3     | 1.07  | 90        | 21.9855 | 20.7018 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 15  | 0    | 5      | 45     | 0.3       | 3.3     | 1.06  | 94.1      | 22.0083 | 20.4024 |
| 2009 | 6     | 15  | 0    | 15     | 45     | 0.3       | 3.3     | 1.05  | 92.7      | 21.9855 | 20.3806 |
| 2009 | 6     | 15  | 0    | 25     | 45     | 0.3       | 3.3     | 1.05  | 92.3      | 21.9855 | 20.3164 |
| 2009 | 6     | 15  | 0    | 35     | 45     | 0.3       | 3.3     | 1.01  | 90.7      | 22.0083 | 19.5667 |
| 2009 | 6     | 15  | 0    | 45     | 45     | 0.3       | 3.3     | 1.02  | 92.8      | 22.0083 | 19.7595 |
| 2009 | 6     | 15  | 0    | 55     | 45     | 0.3       | 3.3     | 1.02  | 89.4      | 22.0083 | 19.7595 |
| 2009 | 6     | 15  | 1    | 5      | 45     | 0.3       | 3.3     | 1.07  | 91.8      | 22.0083 | 20.7239 |
| 2009 | 6     | 15  | 1    | 15     | 45     | 0.3       | 3.3     | 1.03  | 91.8      | 22.0083 | 19.9524 |
| 2009 | 6     | 15  | 1    | 25     | 45     | 0.3       | 3.3     | 1.07  | 93.3      | 22.0083 | 20.7239 |
| 2009 | 6     | 15  | 1    | 35     | 45     | 0.3       | 3.3     | 1.06  | 91.4      | 22.0083 | 20.531  |
| 2009 | 6     | 15  | 1    | 45     | 45     | 0.3       | 3.3     | 1.05  | 90.4      | 22.0083 | 20.2738 |
| 2009 | 6     | 15  | 1    | 55     | 45     | 0.3       | 3.3     | 1.05  | 92        | 22.0083 | 20.4024 |
| 2009 | 6     | 15  | 2    | 5      | 45     | 0.3       | 3.3     | 1.01  | 92.2      | 22.0083 | 19.5667 |
| 2009 | 6     | 15  | 2    | 15     | 45     | 0.3       | 3.3     | 1.03  | 90.9      | 22.0083 | 19.9524 |
| 2009 | 6     | 15  | 2    | 25     | 45     | 0.3       | 3.3     | 1.07  | 92.3      | 22.0083 | 20.7239 |
| 2009 | 6     | 15  | 2    | 35     | 45     | 0.3       | 3.3     | 1.04  | 93.1      | 22.0083 | 20.1452 |
| 2009 | 6     | 15  | 2    | 45     | 45     | 0.3       | 3.3     | 1.05  | 91.8      | 22.0083 | 20.2738 |
| 2009 | 6     | 15  | 2    | 55     | 45     | 0.3       | 3.3     | 1.04  | 91.8      | 22.0083 | 20.1452 |
| 2009 | 6     | 15  | 3    | 5      | 45     | 0.3       | 3.3     | 1.04  | 92.9      | 22.0083 | 20.2095 |
| 2009 | 6     | 15  | 3    | 15     | 45     | 0.3       | 3.3     | 1.04  | 92.9      | 22.0083 | 20.0809 |
| 2009 | 6     | 15  | 3    | 25     | 45     | 0.3       | 3.3     | 1.02  | 90.4      | 22.0083 | 19.8238 |
| 2009 | 6     | 15  | 3    | 35     | 45     | 0.3       | 3.3     | 1.03  | 90.9      | 22.0083 | 19.9524 |
| 2009 | 6     | 15  | 3    | 45     | 45     | 0.3       | 3.3     | 1.04  | 92.2      | 22.0083 | 20.0809 |
| 2009 | 6     | 15  | 3    | 55     | 45     | 0.3       | 3.3     | 1.05  | 91.1      | 22.0083 | 20.4024 |
| 2009 | 6     | 15  | 4    | 5      | 45     | 0.3       | 3.3     | 1.04  | 92        | 22.0083 | 20.0809 |
| 2009 | 6     | 15  | 4    | 15     | 45     | 0.3       | 3.3     | 1.02  | 91.3      | 22.0083 | 19.7595 |
| 2009 | 6     | 15  | 4    | 25     | 45     | 0.3       | 3.3     | 1.03  | 93.8      | 22.0083 | 19.8881 |
| 2009 | 6     | 15  | 4    | 35     | 45     | 0.3       | 3.3     | 1.03  | 90.2      | 22.0083 | 19.8881 |
| 2009 | 6     | 15  | 4    | 45     | 45     | 0.3       | 3.3     | 1.05  | 90        | 22.0083 | 20.2738 |
| 2009 | 6     | 15  | 4    | 55     | 45     | 0.3       | 3.3     | 1     | 90.6      | 22.0083 | 19.4382 |
| 2009 | 6     | 15  | 5    | 5      | 45     | 0.3       | 3.3     | 1.06  | 90.4      | 22.0083 | 20.4667 |
| 2009 | 6     | 15  | 5    | 15     | 45     | 0.3       | 3.3     | 1.03  | 92        | 22.0083 | 19.9524 |
| 2009 | 6     | 15  | 5    | 25     | 45     | 0.3       | 3.3     | 1.02  | 90.4      | 22.0083 | 19.8238 |
| 2009 | 6     | 15  | 5    | 35     | 45     | 0.3       | 3.3     | 1.04  | 91.1      | 22.0083 | 20.2095 |
| 2009 | 6     | 15  | 5    | 45     | 45     | 0.3       | 3.3     | 1.06  | 92.3      | 22.0083 | 20.5953 |
| 2009 | 6     | 15  | 5    | 55     | 45     | 0.3       | 3.3     | 1.02  | 91.8      | 22.0083 | 19.6953 |
| 2009 | 6     | 15  | 6    | 5      | 45     | 0.3       | 3.3     | 1.04  | 92.4      | 22.0083 | 20.0809 |
| 2009 | 6     | 15  | 6    | 15     | 45     | 0.3       | 3.3     | 1     | 91.9      | 22.0083 | 19.3097 |
| 2009 | 6     | 15  | 6    | 25     | 45     | 0.3       | 3.3     | 1.02  | 93.9      | 22.0083 | 19.631  |
| 2009 | 6     | 15  | 6    | 35     | 45     | 0.3       | 3.3     | 1.06  | 91.4      | 22.0083 | 20.4667 |
| 2009 | 6     | 15  | 6    | 45     | 45     | 0.3       | 3.3     | 1.02  | 91.7      | 22.0083 | 19.8238 |
| 2009 | 6     | 15  | 6    | 55     | 45     | 0.3       | 3.3     | 1.03  | 91.3      | 22.0083 | 19.9524 |
| 2009 | 6     | 15  | 7    | 5      | 45     | 0.3       | 3.3     | 1.03  | 91.6      | 22.0083 | 20.0166 |
| 2009 | 6     | 15  | 7    | 15     | 45     | 0.3       | 3.3     | 1.06  | 92.7      | 22.0083 | 20.4667 |
| 2009 | 6     | 15  | 7    | 25     | 45     | 0.3       | 3.3     | 1.06  | 93        | 22.0083 | 20.4667 |
| 2009 | 6     | 15  | 7    | 35     | 45     | 0.3       | 3.3     | 1.02  | 92.8      | 22.0083 | 19.8238 |
| 2009 | 6     | 15  | 7    | 45     | 45     | 0.3       | 3.3     | 1.03  | 92.9      | 22.0083 | 19.8881 |
| 2009 | 6     | 15  | 7    | 55     | 45     | 0.3       | 3.3     | 1.05  | 92.5      | 22.0083 | 20.4024 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 15  | 8    | 5      | 45     | 0.3       | 3.3     | 1.06  | 92.5      | 22.0083 | 20.4667 |
| 2009 | 6     | 15  | 8    | 15     | 45     | 0.3       | 3.3     | 1.03  | 91.6      | 22.0083 | 20.0166 |
| 2009 | 6     | 15  | 8    | 25     | 45     | 0.3       | 3.3     | 1.03  | 93.7      | 22.0083 | 19.8881 |
| 2009 | 6     | 15  | 8    | 35     | 45     | 0.3       | 3.3     | 1.02  | 91.7      | 22.0083 | 19.8238 |
| 2009 | 6     | 15  | 8    | 45     | 45     | 0.3       | 3.3     | 1.06  | 92.3      | 22.0083 | 20.4667 |
| 2009 | 6     | 15  | 8    | 55     | 45     | 0.3       | 3.3     | 1.02  | 93        | 22.0083 | 19.631  |
| 2009 | 6     | 15  | 9    | 5      | 45     | 0.3       | 3.3     | 1.03  | 93.1      | 22.0083 | 20.0166 |
| 2009 | 6     | 15  | 9    | 15     | 45     | 0.3       | 3.3     | 1.06  | 93.6      | 22.0083 | 20.4667 |
| 2009 | 6     | 15  | 9    | 25     | 45     | 0.3       | 3.3     | 1.04  | 90.9      | 22.0083 | 20.2095 |
| 2009 | 6     | 15  | 9    | 35     | 45     | 0.3       | 3.3     | 1.05  | 91.8      | 22.0083 | 20.2738 |
| 2009 | 6     | 15  | 9    | 45     | 45     | 0.3       | 3.3     | 1.06  | 93.9      | 22.0083 | 20.531  |
| 2009 | 6     | 15  | 9    | 55     | 45     | 0.3       | 3.3     | 1.04  | 91.8      | 22.0083 | 20.1452 |
| 2009 | 6     | 15  | 10   | 5      | 45     | 0.3       | 3.3     | 1.01  | 90.7      | 22.0083 | 19.5667 |
| 2009 | 6     | 15  | 10   | 15     | 45     | 0.3       | 3.3     | 1.06  | 91.8      | 22.0083 | 20.5953 |
| 2009 | 6     | 15  | 10   | 25     | 45     | 0.3       | 3.3     | 1.05  | 90.7      | 22.0083 | 20.3381 |
| 2009 | 6     | 15  | 10   | 35     | 45     | 0.3       | 3.3     | 1.04  | 92.7      | 22.0083 | 20.0809 |
| 2009 | 6     | 15  | 10   | 45     | 45     | 0.3       | 3.3     | 1.01  | 90.2      | 21.9855 | 19.5458 |
| 2009 | 6     | 15  | 10   | 55     | 45     | 0.3       | 3.3     | 1.06  | 90        | 22.0083 | 20.531  |
| 2009 | 6     | 15  | 11   | 5      | 45     | 0.3       | 3.3     | 1.05  | 91.6      | 22.0083 | 20.2738 |
| 2009 | 6     | 15  | 11   | 15     | 45     | 0.3       | 3.3     | 1     | 91.9      | 22.0083 | 19.4382 |
| 2009 | 6     | 15  | 11   | 25     | 45     | 0.3       | 3.3     | 1.05  | 91.4      | 22.0083 | 20.3381 |
| 2009 | 6     | 15  | 11   | 35     | 45     | 0.3       | 3.3     | 1.06  | 93.6      | 22.0083 | 20.4667 |
| 2009 | 6     | 15  | 11   | 45     | 45     | 0.3       | 3.3     | 1.04  | 90.5      | 22.0083 | 20.1452 |
| 2009 | 6     | 15  | 11   | 55     | 45     | 0.3       | 3.3     | 1.04  | 90.9      | 22.0083 | 20.2095 |
| 2009 | 6     | 15  | 12   | 5      | 45     | 0.3       | 3.3     | 1.02  | 91.5      | 22.0083 | 19.8238 |
| 2009 | 6     | 15  | 12   | 15     | 45     | 0.3       | 3.3     | 1.01  | 91.7      | 21.9855 | 19.61   |
| 2009 | 6     | 15  | 12   | 25     | 45     | 0.3       | 3.3     | 1.02  | 90.7      | 22.0083 | 19.7595 |
| 2009 | 6     | 15  | 12   | 35     | 45     | 0.3       | 3.3     | 1.05  | 89.8      | 22.0083 | 20.3381 |
| 2009 | 6     | 15  | 12   | 45     | 45     | 0.3       | 3.3     | 1.03  | 90.5      | 21.9855 | 19.9953 |
| 2009 | 6     | 15  | 12   | 55     | 45     | 0.3       | 3.3     | 1     | 89.6      | 21.9855 | 19.4174 |
| 2009 | 6     | 15  | 13   | 5      | 45     | 0.3       | 3.3     | 1.05  | 89.8      | 21.9855 | 20.2521 |
| 2009 | 6     | 15  | 13   | 15     | 45     | 0.3       | 3.3     | 1.01  | 91.5      | 21.9855 | 19.61   |
| 2009 | 6     | 15  | 13   | 25     | 45     | 0.3       | 3.3     | 1.03  | 90.7      | 21.9627 | 19.8456 |
| 2009 | 6     | 15  | 13   | 35     | 45     | 0.3       | 3.3     | 1.05  | 91.8      | 21.9627 | 20.2946 |
| 2009 | 6     | 15  | 13   | 45     | 45     | 0.3       | 3.3     | 1.04  | 90        | 21.9627 | 20.038  |
| 2009 | 6     | 15  | 13   | 55     | 45     | 0.3       | 3.3     | 0.99  | 91.7      | 21.9627 | 19.2043 |
| 2009 | 6     | 15  | 14   | 5      | 45     | 0.3       | 3.3     | 1.03  | 91.1      | 21.9627 | 19.9097 |
| 2009 | 6     | 15  | 14   | 15     | 45     | 0.3       | 3.3     | 1.03  | 90        | 21.9627 | 19.9097 |
| 2009 | 6     | 15  | 14   | 25     | 45     | 0.3       | 3.3     | 1.07  | 91.8      | 21.9398 | 20.5934 |
| 2009 | 6     | 15  | 14   | 35     | 45     | 0.3       | 3.3     | 1.04  | 91.1      | 21.9398 | 20.0166 |
| 2009 | 6     | 15  | 14   | 45     | 45     | 0.3       | 3.3     | 1.03  | 89.6      | 21.917  | 19.9311 |
| 2009 | 6     | 15  | 14   | 55     | 45     | 0.3       | 3.3     | 1.03  | 90.7      | 21.917  | 19.8031 |
| 2009 | 6     | 15  | 15   | 5      | 45     | 0.3       | 3.3     | 1.05  | 90.9      | 21.917  | 20.2512 |
| 2009 | 6     | 15  | 15   | 15     | 45     | 0.3       | 3.3     | 1.03  | 89.5      | 21.917  | 19.8671 |
| 2009 | 6     | 15  | 15   | 25     | 45     | 0.3       | 3.3     | 1.03  | 91.8      | 21.8942 | 19.9097 |
| 2009 | 6     | 15  | 15   | 35     | 45     | 0.3       | 3.3     | 1.03  | 93.5      | 21.8942 | 19.8458 |
| 2009 | 6     | 15  | 15   | 45     | 45     | 0.3       | 3.3     | 1.01  | 92.2      | 21.8942 | 19.4622 |
| 2009 | 6     | 15  | 15   | 55     | 45     | 0.3       | 3.3     | 1     | 89.6      | 21.8714 | 19.1859 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 15  | 16   | 5      | 45     | 0.3       | 3.3     | 1.04  | 91.3      | 21.8714 | 20.0161 |
| 2009 | 6     | 15  | 16   | 15     | 45     | 0.3       | 3.3     | 1.05  | 91.1      | 21.8714 | 20.2716 |
| 2009 | 6     | 15  | 16   | 25     | 45     | 0.3       | 3.3     | 1.02  | 90.7      | 21.8485 | 19.6756 |
| 2009 | 6     | 15  | 16   | 35     | 45     | 0.3       | 3.3     | 1.01  | 90.6      | 21.8485 | 19.4842 |
| 2009 | 6     | 15  | 16   | 45     | 45     | 0.3       | 3.3     | 0.99  | 92.1      | 21.8485 | 19.1015 |
| 2009 | 6     | 15  | 16   | 55     | 45     | 0.3       | 3.3     | 1.04  | 92.2      | 21.8485 | 19.9946 |
| 2009 | 6     | 15  | 17   | 5      | 45     | 0.3       | 3.3     | 1.03  | 90.7      | 21.8485 | 19.8032 |
| 2009 | 6     | 15  | 17   | 15     | 45     | 0.3       | 3.3     | 1.02  | 92.2      | 21.8257 | 19.5269 |
| 2009 | 6     | 15  | 17   | 25     | 45     | 0.3       | 3.3     | 1.01  | 91.5      | 21.8485 | 19.4204 |
| 2009 | 6     | 15  | 17   | 35     | 45     | 0.3       | 3.3     | 1.04  | 90.2      | 21.8257 | 19.9093 |
| 2009 | 6     | 15  | 17   | 45     | 45     | 0.3       | 3.3     | 1.01  | 90.7      | 21.8257 | 19.4632 |
| 2009 | 6     | 15  | 17   | 55     | 45     | 0.3       | 3.3     | 1     | 91.3      | 21.8257 | 19.2083 |
| 2009 | 6     | 15  | 18   | 5      | 45     | 0.3       | 3.3     | 0.98  | 91.7      | 21.8029 | 18.8058 |
| 2009 | 6     | 15  | 18   | 15     | 45     | 0.3       | 3.3     | 1.02  | 92.4      | 21.8029 | 19.6332 |
| 2009 | 6     | 15  | 18   | 25     | 45     | 0.3       | 3.3     | 1.05  | 90.4      | 21.8257 | 20.1643 |
| 2009 | 6     | 15  | 18   | 35     | 45     | 0.3       | 3.3     | 1.05  | 91.8      | 21.8029 | 20.1425 |
| 2009 | 6     | 15  | 18   | 45     | 45     | 0.3       | 3.3     | 1     | 90.6      | 21.8029 | 19.124  |
| 2009 | 6     | 15  | 18   | 55     | 45     | 0.3       | 3.3     | 1     | 90.8      | 21.8029 | 19.124  |
| 2009 | 6     | 15  | 19   | 5      | 45     | 0.3       | 3.3     | 1.03  | 93.5      | 21.8029 | 19.7605 |
| 2009 | 6     | 15  | 19   | 15     | 45     | 0.3       | 3.3     | 1.02  | 90.9      | 21.8029 | 19.5695 |
| 2009 | 6     | 15  | 19   | 25     | 45     | 0.3       | 3.3     | 1.02  | 91.8      | 21.8029 | 19.5695 |
| 2009 | 6     | 15  | 19   | 35     | 45     | 0.3       | 3.3     | 1.03  | 90.7      | 21.8029 | 19.6968 |
| 2009 | 6     | 15  | 19   | 45     | 45     | 0.3       | 3.3     | 1.02  | 93        | 21.8029 | 19.4422 |
| 2009 | 6     | 15  | 19   | 55     | 45     | 0.3       | 3.3     | 1.04  | 90.2      | 21.78   | 19.93   |
| 2009 | 6     | 15  | 20   | 5      | 45     | 0.3       | 3.3     | 1.04  | 90.2      | 21.78   | 19.93   |
| 2009 | 6     | 15  | 20   | 15     | 45     | 0.3       | 3.3     | 1.02  | 92.4      | 21.78   | 19.612  |
| 2009 | 6     | 15  | 20   | 25     | 45     | 0.3       | 3.3     | 1.02  | 93.9      | 21.8029 | 19.4422 |
| 2009 | 6     | 15  | 20   | 35     | 45     | 0.3       | 3.3     | 1.02  | 93.3      | 21.78   | 19.4212 |
| 2009 | 6     | 15  | 20   | 45     | 45     | 0.3       | 3.3     | 1.02  | 92.8      | 21.78   | 19.5484 |
| 2009 | 6     | 15  | 20   | 55     | 45     | 0.3       | 3.3     | 1.04  | 91.6      | 21.78   | 19.8664 |
| 2009 | 6     | 15  | 21   | 5      | 45     | 0.3       | 3.3     | 1.01  | 93.3      | 21.78   | 19.3577 |
| 2009 | 6     | 15  | 21   | 15     | 45     | 0.3       | 3.3     | 1.02  | 93.1      | 21.78   | 19.4212 |
| 2009 | 6     | 15  | 21   | 25     | 45     | 0.3       | 3.3     | 1.04  | 93.2      | 21.78   | 19.9936 |
| 2009 | 6     | 15  | 21   | 35     | 45     | 0.3       | 3.3     | 0.99  | 92.3      | 21.78   | 18.8491 |
| 2009 | 6     | 15  | 21   | 45     | 45     | 0.3       | 3.3     | 1     | 92.4      | 21.78   | 19.1033 |
| 2009 | 6     | 15  | 21   | 55     | 45     | 0.3       | 3.3     | 1.03  | 92.4      | 21.78   | 19.6756 |
| 2009 | 6     | 15  | 22   | 5      | 45     | 0.3       | 3.3     | 1.01  | 92.4      | 21.78   | 19.4212 |
| 2009 | 6     | 15  | 22   | 15     | 45     | 0.3       | 3.3     | 1.02  | 93.3      | 21.78   | 19.4212 |
| 2009 | 6     | 15  | 22   | 25     | 45     | 0.3       | 3.3     | 1.05  | 92.7      | 21.78   | 20.1844 |
| 2009 | 6     | 15  | 22   | 35     | 45     | 0.3       | 3.3     | 1.07  | 92.5      | 21.7572 | 20.5439 |
| 2009 | 6     | 15  | 22   | 45     | 45     | 0.3       | 3.3     | 1.02  | 91.7      | 21.7572 | 19.5908 |
| 2009 | 6     | 15  | 22   | 55     | 45     | 0.3       | 3.3     | 1.03  | 91.5      | 21.7572 | 19.7814 |
| 2009 | 6     | 15  | 23   | 5      | 45     | 0.3       | 3.3     | 1.03  | 91.1      | 21.7572 | 19.7179 |
| 2009 | 6     | 15  | 23   | 15     | 45     | 0.3       | 3.3     | 1     | 91.9      | 21.7572 | 19.2097 |
| 2009 | 6     | 15  | 23   | 25     | 45     | 0.3       | 3.3     | 1.01  | 92.8      | 21.7572 | 19.2097 |
| 2009 | 6     | 15  | 23   | 35     | 45     | 0.3       | 3.3     | 1.01  | 92.6      | 21.7572 | 19.4003 |
| 2009 | 6     | 15  | 23   | 45     | 45     | 0.3       | 3.3     | 1.03  | 92.9      | 21.7572 | 19.7814 |
| 2009 | 6     | 15  | 23   | 55     | 45     | 0.3       | 3.3     | 0.99  | 95.1      | 21.7572 | 18.9557 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 16  | 0    | 5      | 45     | 0.3       | 3.3     | 1.01  | 93.5      | 21.7572 | 19.2732 |
| 2009 | 6     | 16  | 0    | 15     | 45     | 0.3       | 3.3     | 1.02  | 92.4      | 21.7572 | 19.5908 |
| 2009 | 6     | 16  | 0    | 25     | 45     | 0.3       | 3.3     | 1.05  | 92.7      | 21.7572 | 20.0355 |
| 2009 | 6     | 16  | 0    | 35     | 45     | 0.3       | 3.3     | 1     | 94.5      | 21.7572 | 19.1462 |
| 2009 | 6     | 16  | 0    | 45     | 45     | 0.3       | 3.3     | 1     | 90.9      | 21.7572 | 19.1462 |
| 2009 | 6     | 16  | 0    | 55     | 45     | 0.3       | 3.3     | 1.04  | 91.1      | 21.7572 | 19.972  |
| 2009 | 6     | 16  | 1    | 5      | 45     | 0.3       | 3.3     | 1.01  | 91.7      | 21.7572 | 19.4003 |
| 2009 | 6     | 16  | 1    | 15     | 45     | 0.3       | 3.3     | 0.99  | 90.9      | 21.7572 | 19.0192 |
| 2009 | 6     | 16  | 1    | 25     | 45     | 0.3       | 3.3     | 1.05  | 93.2      | 21.7343 | 20.0139 |
| 2009 | 6     | 16  | 1    | 35     | 45     | 0.3       | 3.3     | 1.01  | 93.7      | 21.7572 | 19.3367 |
| 2009 | 6     | 16  | 1    | 45     | 45     | 0.3       | 3.3     | 1     | 92.4      | 21.7343 | 19.1889 |
| 2009 | 6     | 16  | 1    | 55     | 45     | 0.3       | 3.3     | 1.01  | 91.5      | 21.7343 | 19.3158 |
| 2009 | 6     | 16  | 2    | 5      | 45     | 0.3       | 3.3     | 0.98  | 92.7      | 21.7343 | 18.6815 |
| 2009 | 6     | 16  | 2    | 15     | 45     | 0.3       | 3.3     | 1.01  | 90.7      | 21.7343 | 19.3793 |
| 2009 | 6     | 16  | 2    | 25     | 45     | 0.3       | 3.3     | 1.06  | 94.1      | 21.7572 | 20.2261 |
| 2009 | 6     | 16  | 2    | 35     | 45     | 0.3       | 3.3     | 1.01  | 94.5      | 21.7343 | 19.3158 |
| 2009 | 6     | 16  | 2    | 45     | 45     | 0.3       | 3.3     | 1     | 91.7      | 21.7343 | 19.1255 |
| 2009 | 6     | 16  | 2    | 55     | 45     | 0.3       | 3.3     | 1.03  | 93.5      | 21.7343 | 19.5696 |
| 2009 | 6     | 16  | 3    | 5      | 45     | 0.3       | 3.3     | 1.01  | 92.4      | 21.7343 | 19.2524 |
| 2009 | 6     | 16  | 3    | 15     | 45     | 0.3       | 3.3     | 1.03  | 92.5      | 21.7343 | 19.76   |
| 2009 | 6     | 16  | 3    | 25     | 45     | 0.3       | 3.3     | 0.97  | 92.9      | 21.7343 | 18.5547 |
| 2009 | 6     | 16  | 3    | 35     | 45     | 0.3       | 3.3     | 1.02  | 93.3      | 21.7343 | 19.5062 |
| 2009 | 6     | 16  | 3    | 45     | 45     | 0.3       | 3.3     | 0.97  | 91.5      | 21.7343 | 18.6181 |
| 2009 | 6     | 16  | 3    | 55     | 45     | 0.3       | 3.3     | 1.04  | 94        | 21.7343 | 19.8869 |
| 2009 | 6     | 16  | 4    | 5      | 45     | 0.3       | 3.3     | 0.99  | 91.7      | 21.7343 | 18.9986 |
| 2009 | 6     | 16  | 4    | 15     | 45     | 0.3       | 3.3     | 1     | 91.1      | 21.7343 | 19.1889 |
| 2009 | 6     | 16  | 4    | 25     | 45     | 0.3       | 3.3     | 1.02  | 90.4      | 21.7343 | 19.5062 |
| 2009 | 6     | 16  | 4    | 35     | 45     | 0.3       | 3.3     | 1.02  | 93.7      | 21.7343 | 19.3793 |
| 2009 | 6     | 16  | 4    | 45     | 45     | 0.3       | 3.3     | 1.07  | 91.6      | 21.7343 | 20.4582 |
| 2009 | 6     | 16  | 4    | 55     | 45     | 0.3       | 3.3     | 1     | 91.7      | 21.7343 | 19.1889 |
| 2009 | 6     | 16  | 5    | 5      | 45     | 0.3       | 3.3     | 0.99  | 91.3      | 21.7343 | 18.9986 |
| 2009 | 6     | 16  | 5    | 15     | 45     | 0.3       | 3.3     | 1.01  | 91.3      | 21.7343 | 19.3793 |
| 2009 | 6     | 16  | 5    | 25     | 45     | 0.3       | 3.3     | 1.03  | 92.9      | 21.7572 | 19.7814 |
| 2009 | 6     | 16  | 5    | 35     | 45     | 0.3       | 3.3     | 0.99  | 92.5      | 21.7572 | 18.9557 |
| 2009 | 6     | 16  | 5    | 45     | 45     | 0.3       | 3.3     | 0.99  | 93.2      | 21.7572 | 18.8922 |
| 2009 | 6     | 16  | 5    | 55     | 45     | 0.3       | 3.3     | 1.02  | 91.7      | 21.7572 | 19.5273 |
| 2009 | 6     | 16  | 6    | 5      | 45     | 0.3       | 3.3     | 1.03  | 91.8      | 21.7572 | 19.7179 |
| 2009 | 6     | 16  | 6    | 15     | 45     | 0.3       | 3.3     | 1.02  | 93.9      | 21.7572 | 19.5273 |
| 2009 | 6     | 16  | 6    | 25     | 45     | 0.3       | 3.3     | 1.02  | 91.7      | 21.7343 | 19.5062 |
| 2009 | 6     | 16  | 6    | 35     | 45     | 0.3       | 3.3     | 1.01  | 92.6      | 21.7572 | 19.3367 |
| 2009 | 6     | 16  | 6    | 45     | 45     | 0.3       | 3.3     | 1.04  | 90        | 21.7343 | 19.8869 |
| 2009 | 6     | 16  | 6    | 55     | 45     | 0.3       | 3.3     | 1.02  | 91.8      | 21.7343 | 19.4427 |
| 2009 | 6     | 16  | 7    | 5      | 45     | 0.3       | 3.3     | 1.02  | 93.1      | 21.7343 | 19.4427 |
| 2009 | 6     | 16  | 7    | 15     | 45     | 0.3       | 3.3     | 0.98  | 93.3      | 21.7343 | 18.7449 |
| 2009 | 6     | 16  | 7    | 25     | 45     | 0.3       | 3.3     | 0.99  | 90.8      | 21.7343 | 18.9352 |
| 2009 | 6     | 16  | 7    | 35     | 45     | 0.3       | 3.3     | 0.99  | 90.8      | 21.7343 | 18.9986 |
| 2009 | 6     | 16  | 7    | 45     | 45     | 0.3       | 3.3     | 1.01  | 94.5      | 21.7343 | 19.1889 |
| 2009 | 6     | 16  | 7    | 55     | 45     | 0.3       | 3.3     | 1     | 94.3      | 21.7343 | 19.0621 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 16  | 8    | 5      | 45     | 0.3       | 3.3     | 1.02  | 91.7      | 21.7343 | 19.4427 |
| 2009 | 6     | 16  | 8    | 15     | 45     | 0.3       | 3.3     | 1.02  | 93.3      | 21.7343 | 19.3793 |
| 2009 | 6     | 16  | 8    | 25     | 45     | 0.3       | 3.3     | 1.01  | 92.8      | 21.7572 | 19.2732 |
| 2009 | 6     | 16  | 8    | 35     | 45     | 0.3       | 3.3     | 1.05  | 91.6      | 21.7343 | 20.0139 |
| 2009 | 6     | 16  | 8    | 45     | 45     | 0.3       | 3.3     | 0.98  | 91.7      | 21.7343 | 18.6815 |
| 2009 | 6     | 16  | 8    | 55     | 45     | 0.3       | 3.3     | 1.01  | 91.7      | 21.7343 | 19.3793 |
| 2009 | 6     | 16  | 9    | 5      | 45     | 0.3       | 3.3     | 1.02  | 93.5      | 21.7343 | 19.4427 |
| 2009 | 6     | 16  | 9    | 15     | 45     | 0.3       | 3.3     | 1.01  | 94.1      | 21.7343 | 19.2524 |
| 2009 | 6     | 16  | 9    | 25     | 45     | 0.3       | 3.3     | 1     | 92.4      | 21.7343 | 19.1889 |
| 2009 | 6     | 16  | 9    | 35     | 45     | 0.3       | 3.3     | 1.01  | 92.2      | 21.7343 | 19.2524 |
| 2009 | 6     | 16  | 9    | 45     | 45     | 0.3       | 3.3     | 1     | 93.2      | 21.7343 | 19.0621 |
| 2009 | 6     | 16  | 9    | 55     | 45     | 0.3       | 3.3     | 1.03  | 90.5      | 21.7343 | 19.6331 |
| 2009 | 6     | 16  | 10   | 5      | 45     | 0.3       | 3.3     | 1.02  | 92.4      | 21.7343 | 19.5062 |
| 2009 | 6     | 16  | 10   | 15     | 45     | 0.3       | 3.3     | 1.02  | 90.7      | 21.7343 | 19.4427 |
| 2009 | 6     | 16  | 10   | 25     | 45     | 0.3       | 3.3     | 1     | 91.7      | 21.7343 | 19.1255 |
| 2009 | 6     | 16  | 10   | 35     | 45     | 0.3       | 3.3     | 1     | 93        | 21.7343 | 18.9986 |
| 2009 | 6     | 16  | 10   | 45     | 45     | 0.3       | 3.3     | 1.01  | 93.3      | 21.7343 | 19.3158 |
| 2009 | 6     | 16  | 10   | 55     | 45     | 0.3       | 3.3     | 1.01  | 93.7      | 21.7343 | 19.2524 |
| 2009 | 6     | 16  | 11   | 5      | 45     | 0.3       | 3.3     | 1.01  | 92.2      | 21.7343 | 19.3793 |
| 2009 | 6     | 16  | 11   | 15     | 45     | 0.3       | 3.3     | 0.99  | 93.4      | 21.7343 | 18.9352 |
| 2009 | 6     | 16  | 11   | 25     | 45     | 0.3       | 3.3     | 1.05  | 93.9      | 21.7343 | 20.0139 |
| 2009 | 6     | 16  | 11   | 35     | 45     | 0.3       | 3.3     | 1     | 91.3      | 21.7343 | 19.1889 |
| 2009 | 6     | 16  | 11   | 45     | 45     | 0.3       | 3.3     | 1     | 93.4      | 21.7343 | 19.1255 |
| 2009 | 6     | 16  | 11   | 55     | 45     | 0.3       | 3.3     | 0.98  | 90.8      | 21.7343 | 18.8083 |
| 2009 | 6     | 16  | 12   | 5      | 45     | 0.3       | 3.3     | 0.98  | 90.8      | 21.7343 | 18.6815 |
| 2009 | 6     | 16  | 12   | 15     | 45     | 0.3       | 3.3     | 0.99  | 90        | 21.7343 | 18.9352 |
| 2009 | 6     | 16  | 12   | 25     | 45     | 0.3       | 3.3     | 1.02  | 92        | 21.7343 | 19.4427 |
| 2009 | 6     | 16  | 12   | 35     | 45     | 0.3       | 3.3     | 1.03  | 92        | 21.7343 | 19.76   |
| 2009 | 6     | 16  | 12   | 45     | 45     | 0.3       | 3.3     | 1.03  | 91.6      | 21.7343 | 19.6331 |
| 2009 | 6     | 16  | 12   | 55     | 45     | 0.3       | 3.3     | 1     | 91.9      | 21.7343 | 19.0621 |
| 2009 | 6     | 16  | 13   | 5      | 45     | 0.3       | 3.3     | 1     | 90.9      | 21.7343 | 19.0621 |
| 2009 | 6     | 16  | 13   | 15     | 45     | 0.3       | 3.3     | 1.01  | 91.7      | 21.7343 | 19.3793 |
| 2009 | 6     | 16  | 13   | 25     | 45     | 0.3       | 3.3     | 0.99  | 91.3      | 21.7343 | 18.8718 |
| 2009 | 6     | 16  | 13   | 35     | 45     | 0.3       | 3.3     | 1.01  | 90.7      | 21.7343 | 19.3793 |
| 2009 | 6     | 16  | 13   | 45     | 45     | 0.3       | 3.3     | 1.01  | 91.9      | 21.7343 | 19.3158 |
| 2009 | 6     | 16  | 13   | 55     | 45     | 0.3       | 3.3     | 1     | 91.7      | 21.7343 | 19.1255 |
| 2009 | 6     | 16  | 14   | 5      | 45     | 0.3       | 3.3     | 1     | 92.3      | 21.7343 | 19.1255 |
| 2009 | 6     | 16  | 14   | 15     | 45     | 0.3       | 3.3     | 1.01  | 91.5      | 21.7343 | 19.2524 |
| 2009 | 6     | 16  | 14   | 25     | 45     | 0.3       | 3.3     | 1.01  | 94.1      | 21.7343 | 19.1889 |
| 2009 | 6     | 16  | 14   | 35     | 45     | 0.3       | 3.3     | 0.97  | 92.1      | 21.7343 | 18.4278 |
| 2009 | 6     | 16  | 14   | 45     | 45     | 0.3       | 3.3     | 1.01  | 93.2      | 21.7343 | 19.3158 |
| 2009 | 6     | 16  | 14   | 55     | 45     | 0.3       | 3.3     | 1.02  | 90.7      | 21.7343 | 19.5062 |
| 2009 | 6     | 16  | 15   | 5      | 45     | 0.3       | 3.3     | 0.99  | 91.5      | 21.7343 | 18.9352 |
| 2009 | 6     | 16  | 15   | 15     | 45     | 0.3       | 3.3     | 0.99  | 90        | 21.7343 | 18.9986 |
| 2009 | 6     | 16  | 15   | 25     | 45     | 0.3       | 3.3     | 1.04  | 92        | 21.7343 | 19.8235 |
| 2009 | 6     | 16  | 15   | 35     | 45     | 0.3       | 3.3     | 1.01  | 90        | 21.7115 | 19.2949 |
| 2009 | 6     | 16  | 15   | 45     | 45     | 0.3       | 3.3     | 1.01  | 91.9      | 21.7115 | 19.2315 |
| 2009 | 6     | 16  | 15   | 55     | 45     | 0.3       | 3.3     | 1.01  | 90.6      | 21.7115 | 19.2949 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 16  | 16   | 5      | 45     | 0.3       | 3.3     | 1.02  | 91.5      | 21.7115 | 19.4851 |
| 2009 | 6     | 16  | 16   | 15     | 45     | 0.3       | 3.3     | 1.03  | 91.8      | 21.7115 | 19.6118 |
| 2009 | 6     | 16  | 16   | 25     | 45     | 0.3       | 3.3     | 1.01  | 90.6      | 21.7115 | 19.3583 |
| 2009 | 6     | 16  | 16   | 35     | 45     | 0.3       | 3.3     | 1.02  | 90.4      | 21.6886 | 19.4006 |
| 2009 | 6     | 16  | 16   | 45     | 45     | 0.3       | 3.3     | 1.02  | 90.9      | 21.6886 | 19.4006 |
| 2009 | 6     | 16  | 16   | 55     | 45     | 0.3       | 3.3     | 1.02  | 91.7      | 21.6886 | 19.5272 |
| 2009 | 6     | 16  | 17   | 5      | 45     | 0.3       | 3.3     | 1.01  | 90.4      | 21.6886 | 19.2107 |
| 2009 | 6     | 16  | 17   | 15     | 45     | 0.3       | 3.3     | 1     | 93.8      | 21.6886 | 19.0841 |
| 2009 | 6     | 16  | 17   | 25     | 45     | 0.3       | 3.3     | 1.02  | 93.3      | 21.6886 | 19.4006 |
| 2009 | 6     | 16  | 17   | 35     | 45     | 0.3       | 3.3     | 1     | 90.9      | 21.6658 | 19.0636 |
| 2009 | 6     | 16  | 17   | 45     | 45     | 0.3       | 3.3     | 1     | 89.4      | 21.6658 | 19.0004 |
| 2009 | 6     | 16  | 17   | 55     | 45     | 0.3       | 3.3     | 1.02  | 91.3      | 21.6658 | 19.5063 |
| 2009 | 6     | 16  | 18   | 5      | 45     | 0.3       | 3.3     | 1.02  | 92        | 21.6429 | 19.4854 |
| 2009 | 6     | 16  | 18   | 15     | 45     | 0.3       | 3.3     | 0.99  | 90.9      | 21.6429 | 18.8537 |
| 2009 | 6     | 16  | 18   | 25     | 45     | 0.3       | 3.3     | 0.98  | 91.2      | 21.6429 | 18.6011 |
| 2009 | 6     | 16  | 18   | 35     | 45     | 0.3       | 3.3     | 1.01  | 89.4      | 21.6201 | 19.2752 |
| 2009 | 6     | 16  | 18   | 45     | 45     | 0.3       | 3.3     | 0.99  | 93.4      | 21.6201 | 18.8335 |
| 2009 | 6     | 16  | 18   | 55     | 45     | 0.3       | 3.3     | 0.98  | 90.4      | 21.6201 | 18.7073 |
| 2009 | 6     | 16  | 19   | 5      | 45     | 0.3       | 3.3     | 1.02  | 93.7      | 21.6429 | 19.3591 |
| 2009 | 6     | 16  | 19   | 15     | 45     | 0.3       | 3.3     | 0.98  | 90.6      | 21.6201 | 18.5811 |
| 2009 | 6     | 16  | 19   | 25     | 45     | 0.3       | 3.3     | 1     | 94.3      | 21.6201 | 19.0228 |
| 2009 | 6     | 16  | 19   | 35     | 45     | 0.3       | 3.3     | 0.98  | 91.9      | 21.6201 | 18.5811 |
| 2009 | 6     | 16  | 19   | 45     | 45     | 0.3       | 3.3     | 1     | 90.8      | 21.6201 | 19.0228 |
| 2009 | 6     | 16  | 19   | 55     | 45     | 0.3       | 3.3     | 0.99  | 89.6      | 21.6201 | 18.8966 |
| 2009 | 6     | 16  | 20   | 5      | 45     | 0.3       | 3.3     | 1.03  | 93.1      | 21.6201 | 19.5276 |
| 2009 | 6     | 16  | 20   | 15     | 45     | 0.3       | 3.3     | 1.02  | 92.2      | 21.6201 | 19.4014 |
| 2009 | 6     | 16  | 20   | 25     | 45     | 0.3       | 3.3     | 1.01  | 90.9      | 21.6201 | 19.149  |
| 2009 | 6     | 16  | 20   | 35     | 45     | 0.3       | 3.3     | 0.97  | 90.6      | 21.6201 | 18.455  |
| 2009 | 6     | 16  | 20   | 45     | 45     | 0.3       | 3.3     | 0.98  | 91.1      | 21.6201 | 18.6442 |
| 2009 | 6     | 16  | 20   | 55     | 45     | 0.3       | 3.3     | 0.99  | 90.2      | 21.6201 | 18.8335 |
| 2009 | 6     | 16  | 21   | 5      | 45     | 0.3       | 3.3     | 1.02  | 91.5      | 21.6201 | 19.3383 |
| 2009 | 6     | 16  | 21   | 15     | 45     | 0.3       | 3.3     | 0.99  | 93.6      | 21.6201 | 18.8335 |
| 2009 | 6     | 16  | 21   | 25     | 45     | 0.3       | 3.3     | 1.03  | 89.6      | 21.6201 | 19.5907 |
| 2009 | 6     | 16  | 21   | 35     | 45     | 0.3       | 3.3     | 0.97  | 92.7      | 21.6201 | 18.3288 |
| 2009 | 6     | 16  | 21   | 45     | 45     | 0.3       | 3.3     | 1     | 92.5      | 21.6201 | 18.8966 |
| 2009 | 6     | 16  | 21   | 55     | 45     | 0.3       | 3.3     | 1.02  | 93.3      | 21.6201 | 19.2752 |
| 2009 | 6     | 16  | 22   | 5      | 45     | 0.3       | 3.3     | 0.99  | 91.9      | 21.6201 | 18.8966 |
| 2009 | 6     | 16  | 22   | 15     | 45     | 0.3       | 3.3     | 0.99  | 91.3      | 21.6201 | 18.8966 |
| 2009 | 6     | 16  | 22   | 25     | 45     | 0.3       | 3.3     | 1.01  | 90.2      | 21.6201 | 19.149  |
| 2009 | 6     | 16  | 22   | 35     | 45     | 0.3       | 3.3     | 1     | 90.9      | 21.6201 | 19.0228 |
| 2009 | 6     | 16  | 22   | 45     | 45     | 0.3       | 3.3     | 1.04  | 90        | 21.6201 | 19.7801 |
| 2009 | 6     | 16  | 22   | 55     | 45     | 0.3       | 3.3     | 1     | 92.4      | 21.6201 | 18.9597 |
| 2009 | 6     | 16  | 23   | 5      | 45     | 0.3       | 3.3     | 1     | 90        | 21.6201 | 18.9597 |
| 2009 | 6     | 16  | 23   | 15     | 45     | 0.3       | 3.3     | 1     | 91.1      | 21.6201 | 18.9597 |
| 2009 | 6     | 16  | 23   | 25     | 45     | 0.3       | 3.3     | 1.02  | 92.4      | 21.6201 | 19.3383 |
| 2009 | 6     | 16  | 23   | 35     | 45     | 0.3       | 3.3     | 1     | 90.9      | 21.6201 | 19.0228 |
| 2009 | 6     | 16  | 23   | 45     | 45     | 0.3       | 3.3     | 0.98  | 91.7      | 21.6201 | 18.6442 |
| 2009 | 6     | 16  | 23   | 55     | 45     | 0.3       | 3.3     | 0.99  | 92.3      | 21.6201 | 18.8966 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 17  | 0    | 5      | 45     | 0.3       | 3.3     | 0.97  | 89.8      | 21.6201 | 18.5181 |
| 2009 | 6     | 17  | 0    | 15     | 45     | 0.3       | 3.3     | 1.05  | 92.7      | 21.6201 | 19.9063 |
| 2009 | 6     | 17  | 0    | 25     | 45     | 0.3       | 3.3     | 1.01  | 90.4      | 21.6201 | 19.2752 |
| 2009 | 6     | 17  | 0    | 35     | 45     | 0.3       | 3.3     | 0.96  | 93.5      | 21.6201 | 18.1396 |
| 2009 | 6     | 17  | 0    | 45     | 45     | 0.3       | 3.3     | 1.02  | 93.7      | 21.5972 | 19.2544 |
| 2009 | 6     | 17  | 0    | 55     | 45     | 0.3       | 3.3     | 1     | 92.4      | 21.6201 | 19.0228 |
| 2009 | 6     | 17  | 1    | 5      | 45     | 0.3       | 3.3     | 0.98  | 92.9      | 21.6201 | 18.5811 |
| 2009 | 6     | 17  | 1    | 15     | 45     | 0.3       | 3.3     | 1.02  | 93.1      | 21.6201 | 19.4014 |
| 2009 | 6     | 17  | 1    | 25     | 45     | 0.3       | 3.3     | 0.98  | 93.6      | 21.6201 | 18.6442 |
| 2009 | 6     | 17  | 1    | 35     | 45     | 0.3       | 3.3     | 0.98  | 91.3      | 21.6201 | 18.6442 |
| 2009 | 6     | 17  | 1    | 45     | 45     | 0.3       | 3.3     | 0.99  | 92.1      | 21.6201 | 18.8966 |
| 2009 | 6     | 17  | 1    | 55     | 45     | 0.3       | 3.3     | 0.98  | 92.5      | 21.6201 | 18.6442 |
| 2009 | 6     | 17  | 2    | 5      | 45     | 0.3       | 3.3     | 1     | 92.8      | 21.6201 | 18.8966 |
| 2009 | 6     | 17  | 2    | 15     | 45     | 0.3       | 3.3     | 0.97  | 91.7      | 21.6201 | 18.5181 |
| 2009 | 6     | 17  | 2    | 25     | 45     | 0.3       | 3.3     | 1.01  | 92.4      | 21.6201 | 19.2121 |
| 2009 | 6     | 17  | 2    | 35     | 45     | 0.3       | 3.3     | 1.01  | 92.2      | 21.6201 | 19.2752 |
| 2009 | 6     | 17  | 2    | 45     | 45     | 0.3       | 3.3     | 0.96  | 91.4      | 21.6201 | 18.3288 |
| 2009 | 6     | 17  | 2    | 55     | 45     | 0.3       | 3.3     | 0.96  | 92.4      | 21.6201 | 18.1396 |
| 2009 | 6     | 17  | 3    | 5      | 45     | 0.3       | 3.3     | 1     | 90        | 21.6429 | 19.1064 |
| 2009 | 6     | 17  | 3    | 15     | 45     | 0.3       | 3.3     | 0.94  | 91.2      | 21.6201 | 17.8874 |
| 2009 | 6     | 17  | 3    | 25     | 45     | 0.3       | 3.3     | 1.01  | 92.8      | 21.6429 | 19.2959 |
| 2009 | 6     | 17  | 3    | 35     | 45     | 0.3       | 3.3     | 0.95  | 90        | 21.6429 | 18.1591 |
| 2009 | 6     | 17  | 3    | 45     | 45     | 0.3       | 3.3     | 0.98  | 93.1      | 21.6429 | 18.6011 |
| 2009 | 6     | 17  | 3    | 55     | 45     | 0.3       | 3.3     | 1.02  | 91.7      | 21.6429 | 19.4222 |
| 2009 | 6     | 17  | 4    | 5      | 45     | 0.3       | 3.3     | 1.01  | 92.2      | 21.6429 | 19.1695 |
| 2009 | 6     | 17  | 4    | 15     | 45     | 0.3       | 3.3     | 0.97  | 90.6      | 21.6429 | 18.538  |
| 2009 | 6     | 17  | 4    | 25     | 45     | 0.3       | 3.3     | 1     | 93.6      | 21.6429 | 18.9169 |
| 2009 | 6     | 17  | 4    | 35     | 45     | 0.3       | 3.3     | 1     | 91.1      | 21.6429 | 19.0432 |
| 2009 | 6     | 17  | 4    | 45     | 45     | 0.3       | 3.3     | 0.99  | 91.9      | 21.6429 | 18.8537 |
| 2009 | 6     | 17  | 4    | 55     | 45     | 0.3       | 3.3     | 1.03  | 92.4      | 21.6429 | 19.5486 |
| 2009 | 6     | 17  | 5    | 5      | 45     | 0.3       | 3.3     | 0.99  | 93.1      | 21.6429 | 18.7274 |
| 2009 | 6     | 17  | 5    | 15     | 45     | 0.3       | 3.3     | 0.96  | 93.5      | 21.6429 | 18.1591 |
| 2009 | 6     | 17  | 5    | 25     | 45     | 0.3       | 3.3     | 1.02  | 91.7      | 21.6429 | 19.3591 |
| 2009 | 6     | 17  | 5    | 35     | 45     | 0.3       | 3.3     | 1.01  | 92.4      | 21.6429 | 19.1695 |
| 2009 | 6     | 17  | 5    | 45     | 45     | 0.3       | 3.3     | 0.98  | 91.7      | 21.6429 | 18.7274 |
| 2009 | 6     | 17  | 5    | 55     | 45     | 0.3       | 3.3     | 0.98  | 92.5      | 21.6429 | 18.6643 |
| 2009 | 6     | 17  | 6    | 5      | 45     | 0.3       | 3.3     | 0.98  | 93.1      | 21.6429 | 18.6011 |
| 2009 | 6     | 17  | 6    | 15     | 45     | 0.3       | 3.3     | 1.01  | 90.4      | 21.6429 | 19.1695 |
| 2009 | 6     | 17  | 6    | 25     | 45     | 0.3       | 3.3     | 1.02  | 92.2      | 21.6429 | 19.3591 |
| 2009 | 6     | 17  | 6    | 35     | 45     | 0.3       | 3.3     | 0.98  | 93.4      | 21.6429 | 18.6643 |
| 2009 | 6     | 17  | 6    | 45     | 45     | 0.3       | 3.3     | 1     | 91.1      | 21.6429 | 19.0432 |
| 2009 | 6     | 17  | 6    | 55     | 45     | 0.3       | 3.3     | 0.97  | 91.9      | 21.6429 | 18.3485 |
| 2009 | 6     | 17  | 7    | 5      | 45     | 0.3       | 3.3     | 1     | 90.4      | 21.6429 | 18.98   |
| 2009 | 6     | 17  | 7    | 15     | 45     | 0.3       | 3.3     | 1     | 92.4      | 21.6429 | 19.0432 |
| 2009 | 6     | 17  | 7    | 25     | 45     | 0.3       | 3.3     | 1     | 93.6      | 21.6429 | 18.98   |
| 2009 | 6     | 17  | 7    | 35     | 45     | 0.3       | 3.3     | 1     | 92.3      | 21.6429 | 19.0432 |
| 2009 | 6     | 17  | 7    | 45     | 45     | 0.3       | 3.3     | 1     | 92.4      | 21.6429 | 19.0432 |
| 2009 | 6     | 17  | 7    | 55     | 45     | 0.3       | 3.3     | 0.97  | 94.4      | 21.6429 | 18.4748 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 17  | 8    | 5      | 45     | 0.3       | 3.3     | 0.98  | 92.3      | 21.6658 | 18.5579 |
| 2009 | 6     | 17  | 8    | 15     | 45     | 0.3       | 3.3     | 0.97  | 95.2      | 21.6658 | 18.4314 |
| 2009 | 6     | 17  | 8    | 25     | 45     | 0.3       | 3.3     | 0.96  | 95.1      | 21.6429 | 18.096  |
| 2009 | 6     | 17  | 8    | 35     | 45     | 0.3       | 3.3     | 0.98  | 93.5      | 21.6658 | 18.6211 |
| 2009 | 6     | 17  | 8    | 45     | 45     | 0.3       | 3.3     | 1     | 93.4      | 21.6429 | 18.9169 |
| 2009 | 6     | 17  | 8    | 55     | 45     | 0.3       | 3.3     | 1     | 94.9      | 21.6658 | 18.9372 |
| 2009 | 6     | 17  | 9    | 5      | 45     | 0.3       | 3.3     | 0.99  | 91.7      | 21.6658 | 18.9372 |
| 2009 | 6     | 17  | 9    | 15     | 45     | 0.3       | 3.3     | 0.99  | 91.7      | 21.6658 | 18.9372 |
| 2009 | 6     | 17  | 9    | 25     | 45     | 0.3       | 3.3     | 0.99  | 92.7      | 21.6658 | 18.8107 |
| 2009 | 6     | 17  | 9    | 35     | 45     | 0.3       | 3.3     | 0.98  | 94.2      | 21.6658 | 18.5579 |
| 2009 | 6     | 17  | 9    | 45     | 45     | 0.3       | 3.3     | 0.98  | 92.5      | 21.6658 | 18.6843 |
| 2009 | 6     | 17  | 9    | 55     | 45     | 0.3       | 3.3     | 0.99  | 91.9      | 21.6658 | 18.874  |
| 2009 | 6     | 17  | 10   | 5      | 45     | 0.3       | 3.3     | 0.99  | 94.9      | 21.6658 | 18.874  |
| 2009 | 6     | 17  | 10   | 15     | 45     | 0.3       | 3.3     | 1     | 92.6      | 21.6658 | 19.1269 |
| 2009 | 6     | 17  | 10   | 25     | 45     | 0.3       | 3.3     | 1.01  | 91.5      | 21.6658 | 19.2533 |
| 2009 | 6     | 17  | 10   | 35     | 45     | 0.3       | 3.3     | 0.99  | 92.7      | 21.6658 | 18.7475 |
| 2009 | 6     | 17  | 10   | 45     | 45     | 0.3       | 3.3     | 0.99  | 91.5      | 21.6658 | 18.9372 |
| 2009 | 6     | 17  | 10   | 55     | 45     | 0.3       | 3.3     | 1.01  | 92.6      | 21.6658 | 19.1901 |
| 2009 | 6     | 17  | 11   | 5      | 45     | 0.3       | 3.3     | 0.97  | 93.1      | 21.6658 | 18.4314 |
| 2009 | 6     | 17  | 11   | 15     | 45     | 0.3       | 3.3     | 0.99  | 92.5      | 21.6658 | 18.874  |
| 2009 | 6     | 17  | 11   | 25     | 45     | 0.3       | 3.3     | 1     | 90.9      | 21.6658 | 19.0004 |
| 2009 | 6     | 17  | 11   | 35     | 45     | 0.3       | 3.3     | 1.02  | 91.7      | 21.6658 | 19.5063 |
| 2009 | 6     | 17  | 11   | 45     | 45     | 0.3       | 3.3     | 1.02  | 90.6      | 21.6658 | 19.5063 |
| 2009 | 6     | 17  | 11   | 55     | 45     | 0.3       | 3.3     | 0.99  | 92.5      | 21.6658 | 18.8107 |
| 2009 | 6     | 17  | 12   | 5      | 45     | 0.3       | 3.3     | 0.98  | 91.1      | 21.6658 | 18.7475 |
| 2009 | 6     | 17  | 12   | 15     | 45     | 0.3       | 3.3     | 0.99  | 90.9      | 21.6658 | 18.9372 |
| 2009 | 6     | 17  | 12   | 25     | 45     | 0.3       | 3.3     | 0.99  | 91.3      | 21.6658 | 18.9372 |
| 2009 | 6     | 17  | 12   | 35     | 45     | 0.3       | 3.3     | 0.99  | 92.1      | 21.6658 | 18.8107 |
| 2009 | 6     | 17  | 12   | 45     | 45     | 0.3       | 3.3     | 1.01  | 90.6      | 21.6429 | 19.1695 |
| 2009 | 6     | 17  | 12   | 55     | 45     | 0.3       | 3.3     | 1     | 92.4      | 21.6429 | 18.98   |
| 2009 | 6     | 17  | 13   | 5      | 45     | 0.3       | 3.3     | 1.02  | 93.7      | 21.6201 | 19.3383 |
| 2009 | 6     | 17  | 13   | 15     | 45     | 0.3       | 3.3     | 1.01  | 89.4      | 21.5972 | 19.1284 |
| 2009 | 6     | 17  | 13   | 25     | 45     | 0.3       | 3.3     | 1     | 93.4      | 21.5972 | 19.0023 |
| 2009 | 6     | 17  | 13   | 35     | 45     | 0.3       | 3.3     | 1.03  | 93.3      | 21.5972 | 19.5066 |
| 2009 | 6     | 17  | 13   | 45     | 45     | 0.3       | 3.3     | 1.01  | 92.4      | 21.5972 | 19.1914 |
| 2009 | 6     | 17  | 13   | 55     | 45     | 0.3       | 3.3     | 1.05  | 91.4      | 21.5972 | 19.8849 |
| 2009 | 6     | 17  | 14   | 5      | 45     | 0.3       | 3.3     | 1.01  | 93.2      | 21.5972 | 19.1284 |
| 2009 | 6     | 17  | 14   | 15     | 45     | 0.3       | 3.3     | 0.97  | 93.3      | 21.5743 | 18.3524 |
| 2009 | 6     | 17  | 14   | 25     | 45     | 0.3       | 3.3     | 1     | 92.1      | 21.5972 | 19.0653 |
| 2009 | 6     | 17  | 14   | 35     | 45     | 0.3       | 3.3     | 1.01  | 93        | 21.5743 | 19.1708 |
| 2009 | 6     | 17  | 14   | 45     | 45     | 0.3       | 3.3     | 1     | 92.1      | 21.5743 | 19.0448 |
| 2009 | 6     | 17  | 14   | 55     | 45     | 0.3       | 3.3     | 1.03  | 92.2      | 21.5743 | 19.4856 |
| 2009 | 6     | 17  | 15   | 5      | 45     | 0.3       | 3.3     | 0.98  | 90.4      | 21.5972 | 18.6242 |
| 2009 | 6     | 17  | 15   | 15     | 45     | 0.3       | 3.3     | 1.01  | 90.4      | 21.5743 | 19.1078 |
| 2009 | 6     | 17  | 15   | 25     | 45     | 0.3       | 3.3     | 0.99  | 90        | 21.5743 | 18.73   |
| 2009 | 6     | 17  | 15   | 35     | 45     | 0.3       | 3.3     | 0.99  | 92.1      | 21.5743 | 18.73   |
| 2009 | 6     | 17  | 15   | 45     | 45     | 0.3       | 3.3     | 1.01  | 90.9      | 21.5972 | 19.2544 |
| 2009 | 6     | 17  | 15   | 55     | 45     | 0.3       | 3.3     | 1.04  | 92.2      | 21.5743 | 19.8006 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 17  | 16   | 5      | 45     | 0.3       | 3.3     | 0.95  | 91.2      | 21.5972 | 17.9312 |
| 2009 | 6     | 17  | 16   | 15     | 45     | 0.3       | 3.3     | 0.97  | 90.6      | 21.5972 | 18.3721 |
| 2009 | 6     | 17  | 16   | 25     | 45     | 0.3       | 3.3     | 1     | 92.1      | 21.5972 | 19.0653 |
| 2009 | 6     | 17  | 16   | 35     | 45     | 0.3       | 3.3     | 0.99  | 92.5      | 21.5972 | 18.8132 |
| 2009 | 6     | 17  | 16   | 45     | 45     | 0.3       | 3.3     | 0.98  | 90.4      | 21.5972 | 18.6872 |
| 2009 | 6     | 17  | 16   | 55     | 45     | 0.3       | 3.3     | 0.97  | 92.5      | 21.5972 | 18.3721 |
| 2009 | 6     | 17  | 17   | 5      | 45     | 0.3       | 3.3     | 0.98  | 92.3      | 21.5972 | 18.4982 |
| 2009 | 6     | 17  | 17   | 15     | 45     | 0.3       | 3.3     | 1.01  | 92.2      | 21.5972 | 19.1914 |
| 2009 | 6     | 17  | 17   | 25     | 45     | 0.3       | 3.3     | 1.03  | 90.7      | 21.5743 | 19.4856 |
| 2009 | 6     | 17  | 17   | 35     | 45     | 0.3       | 3.3     | 1.02  | 89.6      | 21.5972 | 19.3175 |
| 2009 | 6     | 17  | 17   | 45     | 45     | 0.3       | 3.3     | 1     | 91.1      | 21.5972 | 19.0653 |
| 2009 | 6     | 17  | 17   | 55     | 45     | 0.3       | 3.3     | 0.98  | 91.7      | 21.5972 | 18.5612 |
| 2009 | 6     | 17  | 18   | 5      | 45     | 0.3       | 3.3     | 1.01  | 89.6      | 21.6201 | 19.149  |
| 2009 | 6     | 17  | 18   | 15     | 45     | 0.3       | 3.3     | 0.99  | 93.8      | 21.5972 | 18.8132 |
| 2009 | 6     | 17  | 18   | 25     | 45     | 0.3       | 3.3     | 1.02  | 91.1      | 21.6201 | 19.4645 |
| 2009 | 6     | 17  | 18   | 35     | 45     | 0.3       | 3.3     | 1.02  | 91.3      | 21.6201 | 19.4645 |
| 2009 | 6     | 17  | 18   | 45     | 45     | 0.3       | 3.3     | 1.03  | 93.7      | 21.6201 | 19.5276 |
| 2009 | 6     | 17  | 18   | 55     | 45     | 0.3       | 3.3     | 1.02  | 92.4      | 21.6429 | 19.4222 |
| 2009 | 6     | 17  | 19   | 5      | 45     | 0.3       | 3.3     | 1.03  | 92        | 21.6429 | 19.6118 |
| 2009 | 6     | 17  | 19   | 15     | 45     | 0.3       | 3.3     | 1.03  | 90.9      | 21.6429 | 19.5486 |
| 2009 | 6     | 17  | 19   | 25     | 45     | 0.3       | 3.3     | 1     | 90.9      | 21.6658 | 19.0636 |
| 2009 | 6     | 17  | 19   | 35     | 45     | 0.3       | 3.3     | 1.01  | 92.4      | 21.6429 | 19.1695 |
| 2009 | 6     | 17  | 19   | 45     | 45     | 0.3       | 3.3     | 1.01  | 92.4      | 21.6429 | 19.1695 |
| 2009 | 6     | 17  | 19   | 55     | 45     | 0.3       | 3.3     | 1.01  | 92.2      | 21.6658 | 19.1901 |
| 2009 | 6     | 17  | 20   | 5      | 45     | 0.3       | 3.3     | 1.03  | 91.1      | 21.6429 | 19.6118 |
| 2009 | 6     | 17  | 20   | 15     | 45     | 0.3       | 3.3     | 1.01  | 91.1      | 21.6658 | 19.3166 |
| 2009 | 6     | 17  | 20   | 25     | 45     | 0.3       | 3.3     | 1.02  | 92.8      | 21.6658 | 19.4431 |
| 2009 | 6     | 17  | 20   | 35     | 45     | 0.3       | 3.3     | 1.03  | 92        | 21.6886 | 19.6539 |
| 2009 | 6     | 17  | 20   | 45     | 45     | 0.3       | 3.3     | 1.02  | 90        | 21.6886 | 19.4006 |
| 2009 | 6     | 17  | 20   | 55     | 45     | 0.3       | 3.3     | 1.01  | 90.7      | 21.6886 | 19.274  |
| 2009 | 6     | 17  | 21   | 5      | 45     | 0.3       | 3.3     | 1.01  | 91.5      | 21.6886 | 19.2107 |
| 2009 | 6     | 17  | 21   | 15     | 45     | 0.3       | 3.3     | 1     | 93.2      | 21.6658 | 18.9372 |
| 2009 | 6     | 17  | 21   | 25     | 45     | 0.3       | 3.3     | 1.02  | 94        | 21.6886 | 19.4639 |
| 2009 | 6     | 17  | 21   | 35     | 45     | 0.3       | 3.3     | 0.97  | 91        | 21.6886 | 18.4512 |
| 2009 | 6     | 17  | 21   | 45     | 45     | 0.3       | 3.3     | 0.99  | 94.2      | 21.6886 | 18.7676 |
| 2009 | 6     | 17  | 21   | 55     | 45     | 0.3       | 3.3     | 1.01  | 93.6      | 21.7115 | 19.1682 |
| 2009 | 6     | 17  | 22   | 5      | 45     | 0.3       | 3.3     | 1.01  | 93.6      | 21.7115 | 19.1682 |
| 2009 | 6     | 17  | 22   | 15     | 45     | 0.3       | 3.3     | 0.98  | 91.7      | 21.6886 | 18.641  |
| 2009 | 6     | 17  | 22   | 25     | 45     | 0.3       | 3.3     | 1.02  | 91.8      | 21.7115 | 19.4217 |
| 2009 | 6     | 17  | 22   | 35     | 45     | 0.3       | 3.3     | 1.01  | 92.1      | 21.7115 | 19.2315 |
| 2009 | 6     | 17  | 22   | 45     | 45     | 0.3       | 3.3     | 1.01  | 92.6      | 21.7115 | 19.3583 |
| 2009 | 6     | 17  | 22   | 55     | 45     | 0.3       | 3.3     | 1.02  | 93.5      | 21.7115 | 19.4851 |
| 2009 | 6     | 17  | 23   | 5      | 45     | 0.3       | 3.3     | 1.02  | 93.3      | 21.7115 | 19.4851 |
| 2009 | 6     | 17  | 23   | 15     | 45     | 0.3       | 3.3     | 0.99  | 92.3      | 21.7115 | 18.788  |
| 2009 | 6     | 17  | 23   | 25     | 45     | 0.3       | 3.3     | 1.04  | 91.1      | 21.7115 | 19.8654 |
| 2009 | 6     | 17  | 23   | 35     | 45     | 0.3       | 3.3     | 1.01  | 92.8      | 21.7115 | 19.2949 |
| 2009 | 6     | 17  | 23   | 45     | 45     | 0.3       | 3.3     | 0.99  | 91.7      | 21.7343 | 18.9352 |
| 2009 | 6     | 17  | 23   | 55     | 45     | 0.3       | 3.3     | 1.04  | 93.1      | 21.7343 | 19.8235 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 18  | 0    | 5      | 45     | 0.3       | 3.3     | 1.01  | 92.4      | 21.7343 | 19.3793 |
| 2009 | 6     | 18  | 0    | 15     | 45     | 0.3       | 3.3     | 1.04  | 90.7      | 21.7343 | 19.8235 |
| 2009 | 6     | 18  | 0    | 25     | 45     | 0.3       | 3.3     | 1.03  | 92.5      | 21.7343 | 19.76   |
| 2009 | 6     | 18  | 0    | 35     | 45     | 0.3       | 3.3     | 1.01  | 94.3      | 21.7343 | 19.1889 |
| 2009 | 6     | 18  | 0    | 45     | 45     | 0.3       | 3.3     | 0.99  | 91.7      | 21.7343 | 18.9352 |
| 2009 | 6     | 18  | 0    | 55     | 45     | 0.3       | 3.3     | 1.02  | 92.8      | 21.7343 | 19.4427 |
| 2009 | 6     | 18  | 1    | 5      | 45     | 0.3       | 3.3     | 1     | 91.9      | 21.7343 | 19.1255 |
| 2009 | 6     | 18  | 1    | 15     | 45     | 0.3       | 3.3     | 1.01  | 92.4      | 21.7343 | 19.3793 |
| 2009 | 6     | 18  | 1    | 25     | 45     | 0.3       | 3.3     | 1.03  | 93.3      | 21.7343 | 19.6331 |
| 2009 | 6     | 18  | 1    | 35     | 45     | 0.3       | 3.3     | 1.03  | 91.8      | 21.7343 | 19.6331 |
| 2009 | 6     | 18  | 1    | 45     | 45     | 0.3       | 3.3     | 1.02  | 92        | 21.7343 | 19.5696 |
| 2009 | 6     | 18  | 1    | 55     | 45     | 0.3       | 3.3     | 0.98  | 93.3      | 21.7343 | 18.6181 |
| 2009 | 6     | 18  | 2    | 5      | 45     | 0.3       | 3.3     | 1.02  | 93.1      | 21.7343 | 19.5062 |
| 2009 | 6     | 18  | 2    | 15     | 45     | 0.3       | 3.3     | 1.03  | 93.3      | 21.7343 | 19.6965 |
| 2009 | 6     | 18  | 2    | 25     | 45     | 0.3       | 3.3     | 1.01  | 94.6      | 21.7343 | 19.3158 |
| 2009 | 6     | 18  | 2    | 35     | 45     | 0.3       | 3.3     | 1.04  | 93.3      | 21.7343 | 19.8235 |
| 2009 | 6     | 18  | 2    | 45     | 45     | 0.3       | 3.3     | 1.04  | 92.4      | 21.7572 | 19.8449 |
| 2009 | 6     | 18  | 2    | 55     | 45     | 0.3       | 3.3     | 1.03  | 92.4      | 21.7343 | 19.6331 |
| 2009 | 6     | 18  | 3    | 5      | 45     | 0.3       | 3.3     | 0.99  | 91.9      | 21.7343 | 18.9986 |
| 2009 | 6     | 18  | 3    | 15     | 45     | 0.3       | 3.3     | 1.03  | 94        | 21.7572 | 19.7179 |
| 2009 | 6     | 18  | 3    | 25     | 45     | 0.3       | 3.3     | 1.03  | 92.9      | 21.7572 | 19.7814 |
| 2009 | 6     | 18  | 3    | 35     | 45     | 0.3       | 3.3     | 1.04  | 94.2      | 21.7343 | 19.8235 |
| 2009 | 6     | 18  | 3    | 45     | 45     | 0.3       | 3.3     | 1.03  | 91.6      | 21.7572 | 19.6543 |
| 2009 | 6     | 18  | 3    | 55     | 45     | 0.3       | 3.3     | 1.01  | 93.7      | 21.7572 | 19.2097 |
| 2009 | 6     | 18  | 4    | 5      | 45     | 0.3       | 3.3     | 1.01  | 91.7      | 21.7572 | 19.3367 |
| 2009 | 6     | 18  | 4    | 15     | 45     | 0.3       | 3.3     | 0.99  | 93        | 21.7572 | 18.9557 |
| 2009 | 6     | 18  | 4    | 25     | 45     | 0.3       | 3.3     | 1.01  | 90.9      | 21.7572 | 19.2732 |
| 2009 | 6     | 18  | 4    | 35     | 45     | 0.3       | 3.3     | 1.02  | 90.9      | 21.7572 | 19.5273 |
| 2009 | 6     | 18  | 4    | 45     | 45     | 0.3       | 3.3     | 1.03  | 93.1      | 21.7572 | 19.7179 |
| 2009 | 6     | 18  | 4    | 55     | 45     | 0.3       | 3.3     | 1.02  | 92.4      | 21.7572 | 19.5908 |
| 2009 | 6     | 18  | 5    | 5      | 45     | 0.3       | 3.3     | 1.04  | 92.2      | 21.7572 | 19.972  |
| 2009 | 6     | 18  | 5    | 15     | 45     | 0.3       | 3.3     | 1     | 92.4      | 21.7572 | 19.0827 |
| 2009 | 6     | 18  | 5    | 25     | 45     | 0.3       | 3.3     | 1     | 94.2      | 21.7572 | 19.0192 |
| 2009 | 6     | 18  | 5    | 35     | 45     | 0.3       | 3.3     | 1.01  | 93.7      | 21.7572 | 19.2097 |
| 2009 | 6     | 18  | 5    | 45     | 45     | 0.3       | 3.3     | 1.03  | 94        | 21.7572 | 19.5908 |
| 2009 | 6     | 18  | 5    | 55     | 45     | 0.3       | 3.3     | 1.02  | 92        | 21.7572 | 19.4638 |
| 2009 | 6     | 18  | 6    | 5      | 45     | 0.3       | 3.3     | 0.99  | 93.8      | 21.7572 | 18.8287 |
| 2009 | 6     | 18  | 6    | 15     | 45     | 0.3       | 3.3     | 1.03  | 92.4      | 21.7572 | 19.7814 |
| 2009 | 6     | 18  | 6    | 25     | 45     | 0.3       | 3.3     | 1     | 91.1      | 21.7572 | 19.1462 |
| 2009 | 6     | 18  | 6    | 35     | 45     | 0.3       | 3.3     | 1.02  | 92.4      | 21.7572 | 19.5908 |
| 2009 | 6     | 18  | 6    | 45     | 45     | 0.3       | 3.3     | 0.99  | 92.5      | 21.7572 | 18.9557 |
| 2009 | 6     | 18  | 6    | 55     | 45     | 0.3       | 3.3     | 1     | 92.1      | 21.7572 | 19.1462 |
| 2009 | 6     | 18  | 7    | 5      | 45     | 0.3       | 3.3     | 1     | 93        | 21.7572 | 19.1462 |
| 2009 | 6     | 18  | 7    | 15     | 45     | 0.3       | 3.3     | 1.02  | 95.2      | 21.78   | 19.4212 |
| 2009 | 6     | 18  | 7    | 25     | 45     | 0.3       | 3.3     | 1.02  | 92.9      | 21.78   | 19.612  |
| 2009 | 6     | 18  | 7    | 35     | 45     | 0.3       | 3.3     | 1.01  | 91.7      | 21.78   | 19.3577 |
| 2009 | 6     | 18  | 7    | 45     | 45     | 0.3       | 3.3     | 1     | 91.3      | 21.78   | 19.1669 |
| 2009 | 6     | 18  | 7    | 55     | 45     | 0.3       | 3.3     | 1.03  | 92.4      | 21.78   | 19.6756 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 18  | 8    | 5      | 45     | 0.3       | 3.3     | 1.01  | 92.2      | 21.78   | 19.3577 |
| 2009 | 6     | 18  | 8    | 15     | 45     | 0.3       | 3.3     | 1.03  | 93.6      | 21.78   | 19.7392 |
| 2009 | 6     | 18  | 8    | 25     | 45     | 0.3       | 3.3     | 1.03  | 92.4      | 21.78   | 19.8028 |
| 2009 | 6     | 18  | 8    | 35     | 45     | 0.3       | 3.3     | 1.04  | 93.2      | 21.78   | 19.9936 |
| 2009 | 6     | 18  | 8    | 45     | 45     | 0.3       | 3.3     | 1.01  | 93        | 21.78   | 19.2941 |
| 2009 | 6     | 18  | 8    | 55     | 45     | 0.3       | 3.3     | 1.02  | 91.7      | 21.78   | 19.612  |
| 2009 | 6     | 18  | 9    | 5      | 45     | 0.3       | 3.3     | 1.02  | 93.5      | 21.78   | 19.4212 |
| 2009 | 6     | 18  | 9    | 15     | 45     | 0.3       | 3.3     | 1.04  | 93.8      | 21.78   | 19.8028 |
| 2009 | 6     | 18  | 9    | 25     | 45     | 0.3       | 3.3     | 1.01  | 91.1      | 21.78   | 19.2941 |
| 2009 | 6     | 18  | 9    | 35     | 45     | 0.3       | 3.3     | 1.03  | 93.1      | 21.8029 | 19.8242 |
| 2009 | 6     | 18  | 9    | 45     | 45     | 0.3       | 3.3     | 1.02  | 91.5      | 21.78   | 19.4848 |
| 2009 | 6     | 18  | 9    | 55     | 45     | 0.3       | 3.3     | 1.04  | 91.6      | 21.78   | 19.93   |
| 2009 | 6     | 18  | 10   | 5      | 45     | 0.3       | 3.3     | 1.03  | 92        | 21.78   | 19.8028 |
| 2009 | 6     | 18  | 10   | 15     | 45     | 0.3       | 3.3     | 1.01  | 92        | 21.78   | 19.4212 |
| 2009 | 6     | 18  | 10   | 25     | 45     | 0.3       | 3.3     | 1.02  | 93.5      | 21.78   | 19.5484 |
| 2009 | 6     | 18  | 10   | 35     | 45     | 0.3       | 3.3     | 1.06  | 92.3      | 21.78   | 20.248  |
| 2009 | 6     | 18  | 10   | 45     | 45     | 0.3       | 3.3     | 1.02  | 92.8      | 21.78   | 19.4848 |
| 2009 | 6     | 18  | 10   | 55     | 45     | 0.3       | 3.3     | 1.03  | 93.3      | 21.78   | 19.6756 |
| 2009 | 6     | 18  | 11   | 5      | 45     | 0.3       | 3.3     | 1.01  | 92.4      | 21.78   | 19.2941 |
| 2009 | 6     | 18  | 11   | 15     | 45     | 0.3       | 3.3     | 1.04  | 92.9      | 21.78   | 19.8664 |
| 2009 | 6     | 18  | 11   | 25     | 45     | 0.3       | 3.3     | 1.01  | 93.9      | 21.8029 | 19.2513 |
| 2009 | 6     | 18  | 11   | 35     | 45     | 0.3       | 3.3     | 1.02  | 90.4      | 21.78   | 19.4848 |
| 2009 | 6     | 18  | 11   | 45     | 45     | 0.3       | 3.3     | 1.02  | 93.3      | 21.8029 | 19.4422 |
| 2009 | 6     | 18  | 11   | 55     | 45     | 0.3       | 3.3     | 1.01  | 90.9      | 21.8029 | 19.4422 |
| 2009 | 6     | 18  | 12   | 5      | 45     | 0.3       | 3.3     | 0.98  | 91.1      | 21.78   | 18.8491 |
| 2009 | 6     | 18  | 12   | 15     | 45     | 0.3       | 3.3     | 1     | 90.2      | 21.8029 | 19.2513 |
| 2009 | 6     | 18  | 12   | 25     | 45     | 0.3       | 3.3     | 1.01  | 92.2      | 21.8029 | 19.4422 |
| 2009 | 6     | 18  | 12   | 35     | 45     | 0.3       | 3.3     | 1.04  | 92.4      | 21.8029 | 19.8878 |
| 2009 | 6     | 18  | 12   | 45     | 45     | 0.3       | 3.3     | 1     | 92.5      | 21.8029 | 19.0603 |
| 2009 | 6     | 18  | 12   | 55     | 45     | 0.3       | 3.3     | 1.01  | 92.8      | 21.8029 | 19.4422 |
| 2009 | 6     | 18  | 13   | 5      | 45     | 0.3       | 3.3     | 1.01  | 91.7      | 21.8029 | 19.3786 |
| 2009 | 6     | 18  | 13   | 15     | 45     | 0.3       | 3.3     | 1.01  | 90.9      | 21.8029 | 19.4422 |
| 2009 | 6     | 18  | 13   | 25     | 45     | 0.3       | 3.3     | 0.99  | 93.2      | 21.8029 | 18.9967 |
| 2009 | 6     | 18  | 13   | 35     | 45     | 0.3       | 3.3     | 1     | 88.5      | 21.8029 | 19.1876 |
| 2009 | 6     | 18  | 13   | 45     | 45     | 0.3       | 3.3     | 0.99  | 91.1      | 21.78   | 19.0398 |
| 2009 | 6     | 18  | 13   | 55     | 45     | 0.3       | 3.3     | 1.04  | 92.2      | 21.78   | 19.8664 |
| 2009 | 6     | 18  | 14   | 5      | 45     | 0.3       | 3.3     | 1.02  | 92        | 21.78   | 19.4848 |
| 2009 | 6     | 18  | 14   | 15     | 45     | 0.3       | 3.3     | 1.01  | 93.3      | 21.78   | 19.3577 |
| 2009 | 6     | 18  | 14   | 25     | 45     | 0.3       | 3.3     | 1     | 92.8      | 21.78   | 19.0398 |
| 2009 | 6     | 18  | 14   | 35     | 45     | 0.3       | 3.3     | 1.01  | 92.6      | 21.78   | 19.3577 |
| 2009 | 6     | 18  | 14   | 45     | 45     | 0.3       | 3.3     | 1.03  | 89.8      | 21.78   | 19.8028 |
| 2009 | 6     | 18  | 14   | 55     | 45     | 0.3       | 3.3     | 1     | 91.1      | 21.7572 | 19.0827 |
| 2009 | 6     | 18  | 15   | 5      | 45     | 0.3       | 3.3     | 0.97  | 91.2      | 21.78   | 18.5313 |
| 2009 | 6     | 18  | 15   | 15     | 45     | 0.3       | 3.3     | 1.01  | 89.6      | 21.7572 | 19.4003 |
| 2009 | 6     | 18  | 15   | 25     | 45     | 0.3       | 3.3     | 1.03  | 90        | 21.7572 | 19.7814 |
| 2009 | 6     | 18  | 15   | 35     | 45     | 0.3       | 3.3     | 1     | 92.8      | 21.7572 | 19.1462 |
| 2009 | 6     | 18  | 15   | 45     | 45     | 0.3       | 3.3     | 1     | 90.2      | 21.7343 | 19.1255 |
| 2009 | 6     | 18  | 15   | 55     | 45     | 0.3       | 3.3     | 1     | 90.4      | 21.7343 | 19.1255 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 18  | 16   | 5      | 45     | 0.3       | 3.3     | 0.98  | 92.1      | 21.7115 | 18.788  |
| 2009 | 6     | 18  | 16   | 15     | 45     | 0.3       | 3.3     | 1     | 90.8      | 21.7115 | 19.1048 |
| 2009 | 6     | 18  | 16   | 25     | 45     | 0.3       | 3.3     | 1.03  | 90.7      | 21.7115 | 19.6752 |
| 2009 | 6     | 18  | 16   | 35     | 45     | 0.3       | 3.3     | 1     | 92.6      | 21.7115 | 19.0414 |
| 2009 | 6     | 18  | 16   | 45     | 45     | 0.3       | 3.3     | 1.04  | 92.2      | 21.6886 | 19.7805 |
| 2009 | 6     | 18  | 16   | 55     | 45     | 0.3       | 3.3     | 1     | 92.1      | 21.6886 | 19.0841 |
| 2009 | 6     | 18  | 17   | 5      | 45     | 0.3       | 3.3     | 1.01  | 91.3      | 21.6886 | 19.3373 |
| 2009 | 6     | 18  | 17   | 15     | 45     | 0.3       | 3.3     | 0.98  | 92.1      | 21.6886 | 18.7043 |
| 2009 | 6     | 18  | 17   | 25     | 45     | 0.3       | 3.3     | 1     | 92.1      | 21.6658 | 19.0636 |
| 2009 | 6     | 18  | 17   | 35     | 45     | 0.3       | 3.3     | 1.01  | 90.9      | 21.6658 | 19.3166 |
| 2009 | 6     | 18  | 17   | 45     | 45     | 0.3       | 3.3     | 0.98  | 91.3      | 21.6658 | 18.6211 |
| 2009 | 6     | 18  | 17   | 55     | 45     | 0.3       | 3.3     | 1     | 92.6      | 21.6658 | 19.0004 |
| 2009 | 6     | 18  | 18   | 5      | 45     | 0.3       | 3.3     | 1.02  | 91.3      | 21.6658 | 19.4431 |
| 2009 | 6     | 18  | 18   | 15     | 45     | 0.3       | 3.3     | 1.03  | 91.1      | 21.6658 | 19.6961 |
| 2009 | 6     | 18  | 18   | 25     | 45     | 0.3       | 3.3     | 1     | 90.8      | 21.6658 | 19.0636 |
| 2009 | 6     | 18  | 18   | 35     | 45     | 0.3       | 3.3     | 1     | 91.7      | 21.6658 | 19.1269 |
| 2009 | 6     | 18  | 18   | 45     | 45     | 0.3       | 3.3     | 1.02  | 90.6      | 21.6658 | 19.5063 |
| 2009 | 6     | 18  | 18   | 55     | 45     | 0.3       | 3.3     | 1.03  | 91.5      | 21.6658 | 19.5696 |
| 2009 | 6     | 18  | 19   | 5      | 45     | 0.3       | 3.3     | 0.99  | 91.3      | 21.6658 | 18.8107 |
| 2009 | 6     | 18  | 19   | 15     | 45     | 0.3       | 3.3     | 1.02  | 90        | 21.6658 | 19.5063 |
| 2009 | 6     | 18  | 19   | 25     | 45     | 0.3       | 3.3     | 1.03  | 93.8      | 21.6658 | 19.5696 |
| 2009 | 6     | 18  | 19   | 35     | 45     | 0.3       | 3.3     | 1     | 92.6      | 21.6658 | 19.1269 |
| 2009 | 6     | 18  | 19   | 45     | 45     | 0.3       | 3.3     | 1.03  | 91.6      | 21.6658 | 19.5696 |
| 2009 | 6     | 18  | 19   | 55     | 45     | 0.3       | 3.3     | 1.02  | 91.1      | 21.6658 | 19.3798 |
| 2009 | 6     | 18  | 20   | 5      | 45     | 0.3       | 3.3     | 1.04  | 91.8      | 21.6658 | 19.7593 |
| 2009 | 6     | 18  | 20   | 15     | 45     | 0.3       | 3.3     | 1.01  | 91.7      | 21.6658 | 19.1901 |
| 2009 | 6     | 18  | 20   | 25     | 45     | 0.3       | 3.3     | 0.99  | 91.7      | 21.6658 | 18.9372 |
| 2009 | 6     | 18  | 20   | 35     | 45     | 0.3       | 3.3     | 1     | 94.2      | 21.6658 | 18.9372 |
| 2009 | 6     | 18  | 20   | 45     | 45     | 0.3       | 3.3     | 1.02  | 90.9      | 21.6886 | 19.4639 |
| 2009 | 6     | 18  | 20   | 55     | 45     | 0.3       | 3.3     | 1.02  | 92.6      | 21.6658 | 19.5063 |
| 2009 | 6     | 18  | 21   | 5      | 45     | 0.3       | 3.3     | 0.98  | 92.9      | 21.6886 | 18.7043 |
| 2009 | 6     | 18  | 21   | 15     | 45     | 0.3       | 3.3     | 1.01  | 92.4      | 21.6658 | 19.2533 |
| 2009 | 6     | 18  | 21   | 25     | 45     | 0.3       | 3.3     | 1     | 89.8      | 21.6658 | 19.0636 |
| 2009 | 6     | 18  | 21   | 35     | 45     | 0.3       | 3.3     | 1.02  | 91.3      | 21.6886 | 19.5272 |
| 2009 | 6     | 18  | 21   | 45     | 45     | 0.3       | 3.3     | 1.02  | 92.6      | 21.6886 | 19.4639 |
| 2009 | 6     | 18  | 21   | 55     | 45     | 0.3       | 3.3     | 0.98  | 90.4      | 21.6886 | 18.641  |
| 2009 | 6     | 18  | 22   | 5      | 45     | 0.3       | 3.3     | 0.98  | 91.7      | 21.7115 | 18.7246 |
| 2009 | 6     | 18  | 22   | 15     | 45     | 0.3       | 3.3     | 0.99  | 91.5      | 21.6886 | 18.9575 |
| 2009 | 6     | 18  | 22   | 25     | 45     | 0.3       | 3.3     | 1.04  | 90        | 21.7115 | 19.802  |
| 2009 | 6     | 18  | 22   | 35     | 45     | 0.3       | 3.3     | 0.98  | 92.5      | 21.7115 | 18.6613 |
| 2009 | 6     | 18  | 22   | 45     | 45     | 0.3       | 3.3     | 1.03  | 90.7      | 21.7115 | 19.6118 |
| 2009 | 6     | 18  | 22   | 55     | 45     | 0.3       | 3.3     | 1.01  | 92.6      | 21.7115 | 19.2315 |
| 2009 | 6     | 18  | 23   | 5      | 45     | 0.3       | 3.3     | 1.01  | 91.9      | 21.7115 | 19.3583 |
| 2009 | 6     | 18  | 23   | 15     | 45     | 0.3       | 3.3     | 1.01  | 92.4      | 21.7115 | 19.2949 |
| 2009 | 6     | 18  | 23   | 25     | 45     | 0.3       | 3.3     | 1     | 91.7      | 21.7343 | 19.1889 |
| 2009 | 6     | 18  | 23   | 35     | 45     | 0.3       | 3.3     | 1     | 92.3      | 21.7115 | 19.0414 |
| 2009 | 6     | 18  | 23   | 45     | 45     | 0.3       | 3.3     | 0.99  | 91.9      | 21.7115 | 18.9781 |
| 2009 | 6     | 18  | 23   | 55     | 45     | 0.3       | 3.3     | 1.01  | 91.7      | 21.7115 | 19.2949 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 19  | 0    | 5      | 45     | 0.3       | 3.3     | 1.03  | 92.4      | 21.7115 | 19.6118 |
| 2009 | 6     | 19  | 0    | 15     | 45     | 0.3       | 3.3     | 1.01  | 91.5      | 21.7343 | 19.2524 |
| 2009 | 6     | 19  | 0    | 25     | 45     | 0.3       | 3.3     | 0.98  | 90.6      | 21.7343 | 18.8083 |
| 2009 | 6     | 19  | 0    | 35     | 45     | 0.3       | 3.3     | 1.02  | 93.5      | 21.7343 | 19.4427 |
| 2009 | 6     | 19  | 0    | 45     | 45     | 0.3       | 3.3     | 1.01  | 92.8      | 21.7343 | 19.3793 |
| 2009 | 6     | 19  | 0    | 55     | 45     | 0.3       | 3.3     | 1     | 93.4      | 21.7343 | 19.1255 |
| 2009 | 6     | 19  | 1    | 5      | 45     | 0.3       | 3.3     | 0.99  | 91.9      | 21.7343 | 18.9352 |
| 2009 | 6     | 19  | 1    | 15     | 45     | 0.3       | 3.3     | 1.02  | 93.7      | 21.7343 | 19.3793 |
| 2009 | 6     | 19  | 1    | 25     | 45     | 0.3       | 3.3     | 1     | 90.9      | 21.7343 | 19.0621 |
| 2009 | 6     | 19  | 1    | 35     | 45     | 0.3       | 3.3     | 1.06  | 92.5      | 21.7343 | 20.2043 |
| 2009 | 6     | 19  | 1    | 45     | 45     | 0.3       | 3.3     | 0.99  | 91.9      | 21.7572 | 19.0192 |
| 2009 | 6     | 19  | 1    | 55     | 45     | 0.3       | 3.3     | 1.05  | 92.7      | 21.7572 | 20.0355 |
| 2009 | 6     | 19  | 2    | 5      | 45     | 0.3       | 3.3     | 1.01  | 90.6      | 21.7572 | 19.3367 |
| 2009 | 6     | 19  | 2    | 15     | 45     | 0.3       | 3.3     | 1     | 91.5      | 21.7572 | 19.2097 |
| 2009 | 6     | 19  | 2    | 25     | 45     | 0.3       | 3.3     | 0.98  | 91.9      | 21.7572 | 18.8287 |
| 2009 | 6     | 19  | 2    | 35     | 45     | 0.3       | 3.3     | 1.02  | 90.9      | 21.7572 | 19.5908 |
| 2009 | 6     | 19  | 2    | 45     | 45     | 0.3       | 3.3     | 1.01  | 89.6      | 21.7572 | 19.4003 |
| 2009 | 6     | 19  | 2    | 55     | 45     | 0.3       | 3.3     | 1.03  | 92.9      | 21.7572 | 19.6543 |
| 2009 | 6     | 19  | 3    | 5      | 45     | 0.3       | 3.3     | 1.03  | 90.5      | 21.7572 | 19.7814 |
| 2009 | 6     | 19  | 3    | 15     | 45     | 0.3       | 3.3     | 0.98  | 92.3      | 21.7572 | 18.6382 |
| 2009 | 6     | 19  | 3    | 25     | 45     | 0.3       | 3.3     | 0.98  | 92.1      | 21.7572 | 18.8287 |
| 2009 | 6     | 19  | 3    | 35     | 45     | 0.3       | 3.3     | 1     | 89.6      | 21.7572 | 19.2097 |
| 2009 | 6     | 19  | 3    | 45     | 45     | 0.3       | 3.3     | 1.02  | 89.8      | 21.7572 | 19.4638 |
| 2009 | 6     | 19  | 3    | 55     | 45     | 0.3       | 3.3     | 1.01  | 93.2      | 21.7572 | 19.2732 |
| 2009 | 6     | 19  | 4    | 5      | 45     | 0.3       | 3.3     | 1.02  | 90.4      | 21.7572 | 19.4638 |
| 2009 | 6     | 19  | 4    | 15     | 45     | 0.3       | 3.3     | 1.03  | 90        | 21.7572 | 19.7814 |
| 2009 | 6     | 19  | 4    | 25     | 45     | 0.3       | 3.3     | 0.97  | 93.5      | 21.7572 | 18.5748 |
| 2009 | 6     | 19  | 4    | 35     | 45     | 0.3       | 3.3     | 1.03  | 92.7      | 21.7572 | 19.7179 |
| 2009 | 6     | 19  | 4    | 45     | 45     | 0.3       | 3.3     | 1.01  | 92        | 21.78   | 19.4212 |
| 2009 | 6     | 19  | 4    | 55     | 45     | 0.3       | 3.3     | 1.03  | 90.5      | 21.7572 | 19.7179 |
| 2009 | 6     | 19  | 5    | 5      | 45     | 0.3       | 3.3     | 1     | 91.9      | 21.7572 | 19.0827 |
| 2009 | 6     | 19  | 5    | 15     | 45     | 0.3       | 3.3     | 1     | 91.5      | 21.7572 | 19.2097 |
| 2009 | 6     | 19  | 5    | 25     | 45     | 0.3       | 3.3     | 1.01  | 92.4      | 21.78   | 19.3577 |
| 2009 | 6     | 19  | 5    | 35     | 45     | 0.3       | 3.3     | 1.01  | 92.4      | 21.78   | 19.4212 |
| 2009 | 6     | 19  | 5    | 45     | 45     | 0.3       | 3.3     | 1     | 90        | 21.7572 | 19.0827 |
| 2009 | 6     | 19  | 5    | 55     | 45     | 0.3       | 3.3     | 1.01  | 93.7      | 21.78   | 19.3577 |
| 2009 | 6     | 19  | 6    | 5      | 45     | 0.3       | 3.3     | 1.04  | 92.7      | 21.7572 | 19.9085 |
| 2009 | 6     | 19  | 6    | 15     | 45     | 0.3       | 3.3     | 1.04  | 90.7      | 21.7572 | 19.8449 |
| 2009 | 6     | 19  | 6    | 25     | 45     | 0.3       | 3.3     | 1.03  | 90.5      | 21.7572 | 19.7179 |
| 2009 | 6     | 19  | 6    | 35     | 45     | 0.3       | 3.3     | 1.01  | 91.1      | 21.78   | 19.4212 |
| 2009 | 6     | 19  | 6    | 45     | 45     | 0.3       | 3.3     | 1     | 90.6      | 21.78   | 19.1033 |
| 2009 | 6     | 19  | 6    | 55     | 45     | 0.3       | 3.3     | 1.04  | 92.3      | 21.78   | 19.9936 |
| 2009 | 6     | 19  | 7    | 5      | 45     | 0.3       | 3.3     | 1     | 91.1      | 21.78   | 19.2305 |
| 2009 | 6     | 19  | 7    | 15     | 45     | 0.3       | 3.3     | 0.99  | 89.8      | 21.78   | 18.9126 |
| 2009 | 6     | 19  | 7    | 25     | 45     | 0.3       | 3.3     | 1.01  | 91.5      | 21.78   | 19.3577 |
| 2009 | 6     | 19  | 7    | 35     | 45     | 0.3       | 3.3     | 1.02  | 91.1      | 21.78   | 19.5484 |
| 2009 | 6     | 19  | 7    | 45     | 45     | 0.3       | 3.3     | 0.97  | 94.5      | 21.78   | 18.4678 |
| 2009 | 6     | 19  | 7    | 55     | 45     | 0.3       | 3.3     | 1.01  | 91.9      | 21.78   | 19.3577 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 19  | 8    | 5      | 45     | 0.3       | 3.3     | 1     | 91.7      | 21.78   | 19.1033 |
| 2009 | 6     | 19  | 8    | 15     | 45     | 0.3       | 3.3     | 1     | 89.1      | 21.78   | 19.1033 |
| 2009 | 6     | 19  | 8    | 25     | 45     | 0.3       | 3.3     | 1.03  | 92.4      | 21.78   | 19.6756 |
| 2009 | 6     | 19  | 8    | 35     | 45     | 0.3       | 3.3     | 1     | 92.6      | 21.78   | 19.0398 |
| 2009 | 6     | 19  | 8    | 45     | 45     | 0.3       | 3.3     | 1.03  | 92.4      | 21.78   | 19.6756 |
| 2009 | 6     | 19  | 8    | 55     | 45     | 0.3       | 3.3     | 1.01  | 92.6      | 21.78   | 19.3577 |
| 2009 | 6     | 19  | 9    | 5      | 45     | 0.3       | 3.3     | 1     | 91.7      | 21.78   | 19.1669 |
| 2009 | 6     | 19  | 9    | 15     | 45     | 0.3       | 3.3     | 1.01  | 91.5      | 21.78   | 19.4212 |
| 2009 | 6     | 19  | 9    | 25     | 45     | 0.3       | 3.3     | 1.02  | 91.8      | 21.78   | 19.612  |
| 2009 | 6     | 19  | 9    | 35     | 45     | 0.3       | 3.3     | 0.98  | 92.3      | 21.78   | 18.6584 |
| 2009 | 6     | 19  | 9    | 45     | 45     | 0.3       | 3.3     | 1     | 92.4      | 21.78   | 19.1033 |
| 2009 | 6     | 19  | 9    | 55     | 45     | 0.3       | 3.3     | 1.01  | 90.7      | 21.78   | 19.4212 |
| 2009 | 6     | 19  | 10   | 5      | 45     | 0.3       | 3.3     | 1     | 91.7      | 21.78   | 19.1669 |
| 2009 | 6     | 19  | 10   | 15     | 45     | 0.3       | 3.3     | 1     | 90.4      | 21.78   | 19.2305 |
| 2009 | 6     | 19  | 10   | 25     | 45     | 0.3       | 3.3     | 1     | 90.4      | 21.78   | 19.1033 |
| 2009 | 6     | 19  | 10   | 35     | 45     | 0.3       | 3.3     | 1.03  | 90.7      | 21.78   | 19.8028 |
| 2009 | 6     | 19  | 10   | 45     | 45     | 0.3       | 3.3     | 1     | 93        | 21.78   | 19.1669 |
| 2009 | 6     | 19  | 10   | 55     | 45     | 0.3       | 3.3     | 1.01  | 92.1      | 21.78   | 19.2941 |
| 2009 | 6     | 19  | 11   | 5      | 45     | 0.3       | 3.3     | 0.98  | 91        | 21.78   | 18.7855 |
| 2009 | 6     | 19  | 11   | 15     | 45     | 0.3       | 3.3     | 1     | 90        | 21.78   | 19.1033 |
| 2009 | 6     | 19  | 11   | 25     | 45     | 0.3       | 3.3     | 0.98  | 90.4      | 21.7572 | 18.7652 |
| 2009 | 6     | 19  | 11   | 35     | 45     | 0.3       | 3.3     | 1.03  | 91.5      | 21.7572 | 19.6543 |
| 2009 | 6     | 19  | 11   | 45     | 45     | 0.3       | 3.3     | 1.03  | 90.4      | 21.7572 | 19.7179 |
| 2009 | 6     | 19  | 11   | 55     | 45     | 0.3       | 3.3     | 1.01  | 90.2      | 21.7343 | 19.3158 |
| 2009 | 6     | 19  | 12   | 5      | 45     | 0.3       | 3.3     | 1.04  | 91.6      | 21.7115 | 19.9288 |
| 2009 | 6     | 19  | 12   | 15     | 45     | 0.3       | 3.3     | 1.03  | 90.4      | 21.7115 | 19.6118 |
| 2009 | 6     | 19  | 12   | 25     | 45     | 0.3       | 3.3     | 1     | 90        | 21.7115 | 19.0414 |
| 2009 | 6     | 19  | 12   | 35     | 45     | 0.3       | 3.3     | 1.03  | 89.8      | 21.7115 | 19.7386 |
| 2009 | 6     | 19  | 12   | 45     | 45     | 0.3       | 3.3     | 1.03  | 88.5      | 21.7115 | 19.7386 |
| 2009 | 6     | 19  | 12   | 55     | 45     | 0.3       | 3.3     | 0.99  | 89.1      | 21.6886 | 18.9575 |
| 2009 | 6     | 19  | 13   | 5      | 45     | 0.3       | 3.3     | 0.99  | 91.9      | 21.6886 | 18.8942 |
| 2009 | 6     | 19  | 13   | 15     | 45     | 0.3       | 3.3     | 1.01  | 89.8      | 21.6658 | 19.1901 |
| 2009 | 6     | 19  | 13   | 25     | 45     | 0.3       | 3.3     | 0.98  | 89        | 21.6658 | 18.6211 |
| 2009 | 6     | 19  | 13   | 35     | 45     | 0.3       | 3.3     | 1.01  | 90.2      | 21.6658 | 19.1901 |
| 2009 | 6     | 19  | 13   | 45     | 45     | 0.3       | 3.3     | 1     | 88.5      | 21.6429 | 18.98   |
| 2009 | 6     | 19  | 13   | 55     | 45     | 0.3       | 3.3     | 1.02  | 90.4      | 21.6658 | 19.4431 |
| 2009 | 6     | 19  | 14   | 5      | 45     | 0.3       | 3.3     | 1     | 91.1      | 21.6658 | 19.0004 |
| 2009 | 6     | 19  | 14   | 15     | 45     | 0.3       | 3.3     | 0.99  | 90        | 21.6429 | 18.7906 |
| 2009 | 6     | 19  | 14   | 25     | 45     | 0.3       | 3.3     | 0.97  | 89.4      | 21.6429 | 18.538  |
| 2009 | 6     | 19  | 14   | 35     | 45     | 0.3       | 3.3     | 1.02  | 89.3      | 21.6429 | 19.4854 |
| 2009 | 6     | 19  | 14   | 45     | 45     | 0.3       | 3.3     | 1.02  | 89.3      | 21.6429 | 19.3591 |
| 2009 | 6     | 19  | 14   | 55     | 45     | 0.3       | 3.3     | 1.02  | 88.7      | 21.6201 | 19.3383 |
| 2009 | 6     | 19  | 15   | 5      | 45     | 0.3       | 3.3     | 1     | 90        | 21.6429 | 19.1064 |
| 2009 | 6     | 19  | 15   | 15     | 45     | 0.3       | 3.3     | 1     | 90.6      | 21.6429 | 19.1064 |
| 2009 | 6     | 19  | 15   | 25     | 45     | 0.3       | 3.3     | 0.99  | 88.1      | 21.6201 | 18.8966 |
| 2009 | 6     | 19  | 15   | 35     | 45     | 0.3       | 3.3     | 1.01  | 89.8      | 21.6201 | 19.2752 |
| 2009 | 6     | 19  | 15   | 45     | 45     | 0.3       | 3.3     | 1     | 88.9      | 21.6201 | 18.9597 |
| 2009 | 6     | 19  | 15   | 55     | 45     | 0.3       | 3.3     | 1.03  | 90.7      | 21.6201 | 19.5907 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 19  | 16   | 5      | 45     | 0.3       | 3.3     | 1.02  | 90.7      | 21.6201 | 19.4645 |
| 2009 | 6     | 19  | 16   | 15     | 45     | 0.3       | 3.3     | 1     | 90.9      | 21.6201 | 19.0228 |
| 2009 | 6     | 19  | 16   | 25     | 45     | 0.3       | 3.3     | 0.98  | 92.7      | 21.6201 | 18.5181 |
| 2009 | 6     | 19  | 16   | 35     | 45     | 0.3       | 3.3     | 0.98  | 90.4      | 21.6201 | 18.5811 |
| 2009 | 6     | 19  | 16   | 45     | 45     | 0.3       | 3.3     | 0.99  | 92.7      | 21.6201 | 18.7073 |
| 2009 | 6     | 19  | 16   | 55     | 45     | 0.3       | 3.3     | 0.97  | 91.9      | 21.6201 | 18.455  |
| 2009 | 6     | 19  | 17   | 5      | 45     | 0.3       | 3.3     | 1.01  | 90.6      | 21.6201 | 19.149  |
| 2009 | 6     | 19  | 17   | 15     | 45     | 0.3       | 3.3     | 1.03  | 90.9      | 21.6201 | 19.5276 |
| 2009 | 6     | 19  | 17   | 25     | 45     | 0.3       | 3.3     | 1     | 90.7      | 21.6201 | 19.0859 |
| 2009 | 6     | 19  | 17   | 35     | 45     | 0.3       | 3.3     | 0.97  | 91.5      | 21.5972 | 18.4982 |
| 2009 | 6     | 19  | 17   | 45     | 45     | 0.3       | 3.3     | 1.02  | 91.7      | 21.5972 | 19.3175 |
| 2009 | 6     | 19  | 17   | 55     | 45     | 0.3       | 3.3     | 0.99  | 91.9      | 21.5972 | 18.8132 |
| 2009 | 6     | 19  | 18   | 5      | 45     | 0.3       | 3.3     | 1.01  | 91.7      | 21.5972 | 19.1914 |
| 2009 | 6     | 19  | 18   | 15     | 45     | 0.3       | 3.3     | 1     | 92.1      | 21.5972 | 18.9393 |
| 2009 | 6     | 19  | 18   | 25     | 45     | 0.3       | 3.3     | 0.98  | 93.1      | 21.5972 | 18.6242 |
| 2009 | 6     | 19  | 18   | 35     | 45     | 0.3       | 3.3     | 1.01  | 92.6      | 21.5972 | 19.1914 |
| 2009 | 6     | 19  | 18   | 45     | 45     | 0.3       | 3.3     | 0.97  | 89.6      | 21.5972 | 18.4352 |
| 2009 | 6     | 19  | 18   | 55     | 45     | 0.3       | 3.3     | 0.99  | 91.7      | 21.5972 | 18.7502 |
| 2009 | 6     | 19  | 19   | 5      | 45     | 0.3       | 3.3     | 1.02  | 89.6      | 21.5972 | 19.3175 |
| 2009 | 6     | 19  | 19   | 15     | 45     | 0.3       | 3.3     | 1     | 91.5      | 21.5972 | 19.0023 |
| 2009 | 6     | 19  | 19   | 25     | 45     | 0.3       | 3.3     | 1.01  | 91.1      | 21.5972 | 19.1284 |
| 2009 | 6     | 19  | 19   | 35     | 45     | 0.3       | 3.3     | 0.99  | 92.1      | 21.5972 | 18.8132 |
| 2009 | 6     | 19  | 19   | 45     | 45     | 0.3       | 3.3     | 1     | 93.2      | 21.5972 | 18.8763 |
| 2009 | 6     | 19  | 19   | 55     | 45     | 0.3       | 3.3     | 0.99  | 92.3      | 21.5972 | 18.7502 |
| 2009 | 6     | 19  | 20   | 5      | 45     | 0.3       | 3.3     | 1     | 91.9      | 21.5972 | 18.9393 |
| 2009 | 6     | 19  | 20   | 15     | 45     | 0.3       | 3.3     | 1     | 90.8      | 21.5972 | 18.9393 |
| 2009 | 6     | 19  | 20   | 25     | 45     | 0.3       | 3.3     | 0.95  | 92.8      | 21.5743 | 18.0377 |
| 2009 | 6     | 19  | 20   | 35     | 45     | 0.3       | 3.3     | 1.01  | 91.3      | 21.5972 | 19.1914 |
| 2009 | 6     | 19  | 20   | 45     | 45     | 0.3       | 3.3     | 1     | 91.3      | 21.5972 | 19.0653 |
| 2009 | 6     | 19  | 20   | 55     | 45     | 0.3       | 3.3     | 1.02  | 89.3      | 21.5743 | 19.4227 |
| 2009 | 6     | 19  | 21   | 5      | 45     | 0.3       | 3.3     | 1.01  | 90.7      | 21.5972 | 19.1914 |
| 2009 | 6     | 19  | 21   | 15     | 45     | 0.3       | 3.3     | 1     | 91.5      | 21.5743 | 18.9189 |
| 2009 | 6     | 19  | 21   | 25     | 45     | 0.3       | 3.3     | 0.99  | 93.4      | 21.5972 | 18.6872 |
| 2009 | 6     | 19  | 21   | 35     | 45     | 0.3       | 3.3     | 0.96  | 91.2      | 21.5743 | 18.2894 |
| 2009 | 6     | 19  | 21   | 45     | 45     | 0.3       | 3.3     | 1     | 90        | 21.5743 | 18.9189 |
| 2009 | 6     | 19  | 21   | 55     | 45     | 0.3       | 3.3     | 1     | 92.1      | 21.5743 | 18.9189 |
| 2009 | 6     | 19  | 22   | 5      | 45     | 0.3       | 3.3     | 0.98  | 91        | 21.5743 | 18.6041 |
| 2009 | 6     | 19  | 22   | 15     | 45     | 0.3       | 3.3     | 1.02  | 90.7      | 21.5743 | 19.2967 |
| 2009 | 6     | 19  | 22   | 25     | 45     | 0.3       | 3.3     | 1     | 91.7      | 21.5972 | 19.0023 |
| 2009 | 6     | 19  | 22   | 35     | 45     | 0.3       | 3.3     | 1     | 92.1      | 21.5743 | 18.9189 |
| 2009 | 6     | 19  | 22   | 45     | 45     | 0.3       | 3.3     | 0.99  | 93.1      | 21.5743 | 18.6671 |
| 2009 | 6     | 19  | 22   | 55     | 45     | 0.3       | 3.3     | 1     | 93.2      | 21.5972 | 18.8763 |
| 2009 | 6     | 19  | 23   | 5      | 45     | 0.3       | 3.3     | 0.98  | 91.5      | 21.5743 | 18.6041 |
| 2009 | 6     | 19  | 23   | 15     | 45     | 0.3       | 3.3     | 1     | 91.7      | 21.5972 | 19.0023 |
| 2009 | 6     | 19  | 23   | 25     | 45     | 0.3       | 3.3     | 0.98  | 93.8      | 21.5743 | 18.6041 |
| 2009 | 6     | 19  | 23   | 35     | 45     | 0.3       | 3.3     | 1.02  | 90.2      | 21.5743 | 19.2967 |
| 2009 | 6     | 19  | 23   | 45     | 45     | 0.3       | 3.3     | 1.01  | 92.1      | 21.5743 | 19.1078 |
| 2009 | 6     | 19  | 23   | 55     | 45     | 0.3       | 3.3     | 1.03  | 93.1      | 21.5972 | 19.5697 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 20  | 0    | 5      | 45     | 0.3       | 3.3     | 1     | 92.6      | 21.5743 | 18.9189 |
| 2009 | 6     | 20  | 0    | 15     | 45     | 0.3       | 3.3     | 0.96  | 91.6      | 21.5743 | 18.1636 |
| 2009 | 6     | 20  | 0    | 25     | 45     | 0.3       | 3.3     | 0.99  | 92.1      | 21.5743 | 18.856  |
| 2009 | 6     | 20  | 0    | 35     | 45     | 0.3       | 3.3     | 1     | 92.8      | 21.5743 | 18.9189 |
| 2009 | 6     | 20  | 0    | 45     | 45     | 0.3       | 3.3     | 0.98  | 92.9      | 21.5743 | 18.6041 |
| 2009 | 6     | 20  | 0    | 55     | 45     | 0.3       | 3.3     | 1     | 92.6      | 21.5743 | 18.856  |
| 2009 | 6     | 20  | 1    | 5      | 45     | 0.3       | 3.3     | 1     | 94        | 21.5743 | 18.856  |
| 2009 | 6     | 20  | 1    | 15     | 45     | 0.3       | 3.3     | 0.97  | 93.1      | 21.5743 | 18.2894 |
| 2009 | 6     | 20  | 1    | 25     | 45     | 0.3       | 3.3     | 1.02  | 92        | 21.5743 | 19.4227 |
| 2009 | 6     | 20  | 1    | 35     | 45     | 0.3       | 3.3     | 0.98  | 91.3      | 21.5743 | 18.6041 |
| 2009 | 6     | 20  | 1    | 45     | 45     | 0.3       | 3.3     | 0.98  | 91.5      | 21.5743 | 18.6671 |
| 2009 | 6     | 20  | 1    | 55     | 45     | 0.3       | 3.3     | 1.01  | 91.7      | 21.5743 | 19.2337 |
| 2009 | 6     | 20  | 2    | 5      | 45     | 0.3       | 3.3     | 1     | 92.6      | 21.5743 | 19.0448 |
| 2009 | 6     | 20  | 2    | 15     | 45     | 0.3       | 3.3     | 0.98  | 92.1      | 21.5743 | 18.5412 |
| 2009 | 6     | 20  | 2    | 25     | 45     | 0.3       | 3.3     | 1     | 92.8      | 21.5743 | 18.856  |
| 2009 | 6     | 20  | 2    | 35     | 45     | 0.3       | 3.3     | 1.02  | 91.5      | 21.5743 | 19.4227 |
| 2009 | 6     | 20  | 2    | 45     | 45     | 0.3       | 3.3     | 0.96  | 92.5      | 21.5743 | 18.2265 |
| 2009 | 6     | 20  | 2    | 55     | 45     | 0.3       | 3.3     | 1.02  | 90.7      | 21.5743 | 19.2967 |
| 2009 | 6     | 20  | 3    | 5      | 45     | 0.3       | 3.3     | 0.96  | 92.5      | 21.5743 | 18.1636 |
| 2009 | 6     | 20  | 3    | 15     | 45     | 0.3       | 3.3     | 1.02  | 92.4      | 21.5743 | 19.2967 |
| 2009 | 6     | 20  | 3    | 25     | 45     | 0.3       | 3.3     | 0.98  | 93.7      | 21.5743 | 18.4783 |
| 2009 | 6     | 20  | 3    | 35     | 45     | 0.3       | 3.3     | 0.99  | 90        | 21.5743 | 18.73   |
| 2009 | 6     | 20  | 3    | 45     | 45     | 0.3       | 3.3     | 1.02  | 90.6      | 21.5743 | 19.2967 |
| 2009 | 6     | 20  | 3    | 55     | 45     | 0.3       | 3.3     | 0.97  | 91.9      | 21.5743 | 18.4153 |
| 2009 | 6     | 20  | 4    | 5      | 45     | 0.3       | 3.3     | 0.98  | 92.9      | 21.5743 | 18.5412 |
| 2009 | 6     | 20  | 4    | 15     | 45     | 0.3       | 3.3     | 0.98  | 91.5      | 21.5743 | 18.6671 |
| 2009 | 6     | 20  | 4    | 25     | 45     | 0.3       | 3.3     | 0.97  | 93.7      | 21.5743 | 18.2894 |
| 2009 | 6     | 20  | 4    | 35     | 45     | 0.3       | 3.3     | 0.97  | 91.9      | 21.5743 | 18.4153 |
| 2009 | 6     | 20  | 4    | 45     | 45     | 0.3       | 3.3     | 1.01  | 91.5      | 21.5743 | 19.1708 |
| 2009 | 6     | 20  | 4    | 55     | 45     | 0.3       | 3.3     | 1.01  | 95        | 21.5743 | 19.0448 |
| 2009 | 6     | 20  | 5    | 5      | 45     | 0.3       | 3.3     | 1.03  | 91.1      | 21.5743 | 19.4856 |
| 2009 | 6     | 20  | 5    | 15     | 45     | 0.3       | 3.3     | 0.99  | 91.9      | 21.5743 | 18.73   |
| 2009 | 6     | 20  | 5    | 25     | 45     | 0.3       | 3.3     | 1     | 92.6      | 21.5743 | 18.9819 |
| 2009 | 6     | 20  | 5    | 35     | 45     | 0.3       | 3.3     | 0.99  | 92.3      | 21.5743 | 18.73   |
| 2009 | 6     | 20  | 5    | 45     | 45     | 0.3       | 3.3     | 1.03  | 90        | 21.5743 | 19.5486 |
| 2009 | 6     | 20  | 5    | 55     | 45     | 0.3       | 3.3     | 1     | 92.6      | 21.5743 | 18.9819 |
| 2009 | 6     | 20  | 6    | 5      | 45     | 0.3       | 3.3     | 0.99  | 91.1      | 21.5743 | 18.856  |
| 2009 | 6     | 20  | 6    | 15     | 45     | 0.3       | 3.3     | 1.02  | 90.6      | 21.5743 | 19.3597 |
| 2009 | 6     | 20  | 6    | 25     | 45     | 0.3       | 3.3     | 1.02  | 91.8      | 21.5743 | 19.2967 |
| 2009 | 6     | 20  | 6    | 35     | 45     | 0.3       | 3.3     | 1.01  | 92.8      | 21.5743 | 19.1078 |
| 2009 | 6     | 20  | 6    | 45     | 45     | 0.3       | 3.3     | 0.99  | 92.8      | 21.5743 | 18.793  |
| 2009 | 6     | 20  | 6    | 55     | 45     | 0.3       | 3.3     | 0.99  | 92.3      | 21.5743 | 18.793  |
| 2009 | 6     | 20  | 7    | 5      | 45     | 0.3       | 3.3     | 1     | 91.9      | 21.5743 | 18.9819 |
| 2009 | 6     | 20  | 7    | 15     | 45     | 0.3       | 3.3     | 1.04  | 92        | 21.5743 | 19.6746 |
| 2009 | 6     | 20  | 7    | 25     | 45     | 0.3       | 3.3     | 1     | 90.2      | 21.5743 | 19.0448 |
| 2009 | 6     | 20  | 7    | 35     | 45     | 0.3       | 3.3     | 1     | 92.4      | 21.5743 | 18.9189 |
| 2009 | 6     | 20  | 7    | 45     | 45     | 0.3       | 3.3     | 0.98  | 92.3      | 21.5743 | 18.4783 |
| 2009 | 6     | 20  | 7    | 55     | 45     | 0.3       | 3.3     | 0.98  | 91.3      | 21.5743 | 18.6041 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 20  | 8    | 5      | 45     | 0.3       | 3.3     | 1     | 90.2      | 21.5743 | 18.9189 |
| 2009 | 6     | 20  | 8    | 15     | 45     | 0.3       | 3.3     | 0.97  | 93.5      | 21.5743 | 18.3524 |
| 2009 | 6     | 20  | 8    | 25     | 45     | 0.3       | 3.3     | 1.02  | 92        | 21.5743 | 19.3597 |
| 2009 | 6     | 20  | 8    | 35     | 45     | 0.3       | 3.3     | 0.99  | 91.7      | 21.5743 | 18.793  |
| 2009 | 6     | 20  | 8    | 45     | 45     | 0.3       | 3.3     | 0.97  | 91.7      | 21.5743 | 18.3524 |
| 2009 | 6     | 20  | 8    | 55     | 45     | 0.3       | 3.3     | 0.98  | 91        | 21.5743 | 18.6671 |
| 2009 | 6     | 20  | 9    | 5      | 45     | 0.3       | 3.3     | 0.99  | 91.9      | 21.5743 | 18.793  |
| 2009 | 6     | 20  | 9    | 15     | 45     | 0.3       | 3.3     | 1.03  | 92.6      | 21.5743 | 19.4856 |
| 2009 | 6     | 20  | 9    | 25     | 45     | 0.3       | 3.3     | 1.02  | 92.6      | 21.5743 | 19.2967 |
| 2009 | 6     | 20  | 9    | 35     | 45     | 0.3       | 3.3     | 1.02  | 92        | 21.5743 | 19.3597 |
| 2009 | 6     | 20  | 9    | 45     | 45     | 0.3       | 3.3     | 0.98  | 91.1      | 21.5743 | 18.6671 |
| 2009 | 6     | 20  | 9    | 55     | 45     | 0.3       | 3.3     | 0.99  | 91.5      | 21.5743 | 18.856  |
| 2009 | 6     | 20  | 10   | 5      | 45     | 0.3       | 3.3     | 1     | 93.6      | 21.5743 | 18.9819 |
| 2009 | 6     | 20  | 10   | 15     | 45     | 0.3       | 3.3     | 0.98  | 91.1      | 21.5743 | 18.6671 |
| 2009 | 6     | 20  | 10   | 25     | 45     | 0.3       | 3.3     | 0.99  | 91.5      | 21.5743 | 18.856  |
| 2009 | 6     | 20  | 10   | 35     | 45     | 0.3       | 3.3     | 0.98  | 90.2      | 21.5743 | 18.6671 |
| 2009 | 6     | 20  | 10   | 45     | 45     | 0.3       | 3.3     | 1     | 92.4      | 21.5743 | 18.9819 |
| 2009 | 6     | 20  | 10   | 55     | 45     | 0.3       | 3.3     | 0.97  | 91.2      | 21.5743 | 18.4783 |
| 2009 | 6     | 20  | 11   | 5      | 45     | 0.3       | 3.3     | 1     | 94.1      | 21.5743 | 18.9189 |
| 2009 | 6     | 20  | 11   | 15     | 45     | 0.3       | 3.3     | 1.01  | 89.4      | 21.5743 | 19.1708 |
| 2009 | 6     | 20  | 11   | 25     | 45     | 0.3       | 3.3     | 1     | 94.5      | 21.5743 | 18.856  |
| 2009 | 6     | 20  | 11   | 35     | 45     | 0.3       | 3.3     | 1     | 92.6      | 21.5743 | 19.0448 |
| 2009 | 6     | 20  | 11   | 45     | 45     | 0.3       | 3.3     | 1.01  | 90.2      | 21.5743 | 19.1708 |
| 2009 | 6     | 20  | 11   | 55     | 45     | 0.3       | 3.3     | 0.99  | 91.9      | 21.5743 | 18.856  |
| 2009 | 6     | 20  | 12   | 5      | 45     | 0.3       | 3.3     | 1     | 92.1      | 21.5743 | 18.9189 |
| 2009 | 6     | 20  | 12   | 15     | 45     | 0.3       | 3.3     | 0.96  | 91.4      | 21.5743 | 18.2265 |
| 2009 | 6     | 20  | 12   | 25     | 45     | 0.3       | 3.3     | 1.01  | 90.7      | 21.5743 | 19.2337 |
| 2009 | 6     | 20  | 12   | 35     | 45     | 0.3       | 3.3     | 1     | 90.8      | 21.5743 | 18.9819 |
| 2009 | 6     | 20  | 12   | 45     | 45     | 0.3       | 3.3     | 1     | 91.5      | 21.5743 | 18.9189 |
| 2009 | 6     | 20  | 12   | 55     | 45     | 0.3       | 3.3     | 1     | 90.9      | 21.5743 | 19.0448 |
| 2009 | 6     | 20  | 13   | 5      | 45     | 0.3       | 3.3     | 1     | 92.2      | 21.5515 | 19.0243 |
| 2009 | 6     | 20  | 13   | 15     | 45     | 0.3       | 3.3     | 1.01  | 91.3      | 21.5515 | 19.1501 |
| 2009 | 6     | 20  | 13   | 25     | 45     | 0.3       | 3.3     | 1     | 91.1      | 21.5515 | 19.0243 |
| 2009 | 6     | 20  | 13   | 35     | 45     | 0.3       | 3.3     | 0.97  | 90        | 21.5515 | 18.4584 |
| 2009 | 6     | 20  | 13   | 45     | 45     | 0.3       | 3.3     | 0.98  | 91.5      | 21.5515 | 18.5841 |
| 2009 | 6     | 20  | 13   | 55     | 45     | 0.3       | 3.3     | 1     | 92.6      | 21.5515 | 18.8985 |
| 2009 | 6     | 20  | 14   | 5      | 45     | 0.3       | 3.3     | 0.99  | 90        | 21.5286 | 18.6897 |
| 2009 | 6     | 20  | 14   | 15     | 45     | 0.3       | 3.3     | 0.98  | 90.8      | 21.5286 | 18.5013 |
| 2009 | 6     | 20  | 14   | 25     | 45     | 0.3       | 3.3     | 0.97  | 91.9      | 21.5286 | 18.4385 |
| 2009 | 6     | 20  | 14   | 35     | 45     | 0.3       | 3.3     | 1     | 90.4      | 21.5286 | 18.941  |
| 2009 | 6     | 20  | 14   | 45     | 45     | 0.3       | 3.3     | 1.02  | 90        | 21.5058 | 19.2343 |
| 2009 | 6     | 20  | 14   | 55     | 45     | 0.3       | 3.3     | 1     | 93.6      | 21.5058 | 18.795  |
| 2009 | 6     | 20  | 15   | 5      | 45     | 0.3       | 3.3     | 0.97  | 90.8      | 21.46   | 18.2535 |
| 2009 | 6     | 20  | 15   | 15     | 45     | 0.3       | 3.3     | 1.02  | 91.5      | 21.46   | 19.2554 |
| 2009 | 6     | 20  | 15   | 25     | 45     | 0.3       | 3.3     | 1     | 91.5      | 21.46   | 18.817  |
| 2009 | 6     | 20  | 15   | 35     | 45     | 0.3       | 3.3     | 0.98  | 91.7      | 21.4371 | 18.5464 |
| 2009 | 6     | 20  | 15   | 45     | 45     | 0.3       | 3.3     | 1     | 91.9      | 21.4371 | 18.7966 |
| 2009 | 6     | 20  | 15   | 55     | 45     | 0.3       | 3.3     | 1     | 90.6      | 21.4371 | 18.7966 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 20  | 16   | 5      | 45     | 0.3       | 3.3     | 0.98  | 92.5      | 21.4143 | 18.4014 |
| 2009 | 6     | 20  | 16   | 15     | 45     | 0.3       | 3.3     | 0.96  | 92        | 21.4143 | 17.9641 |
| 2009 | 6     | 20  | 16   | 25     | 45     | 0.3       | 3.3     | 0.99  | 94.4      | 21.4143 | 18.5888 |
| 2009 | 6     | 20  | 16   | 35     | 45     | 0.3       | 3.3     | 1.01  | 90.9      | 21.4143 | 19.0262 |
| 2009 | 6     | 20  | 16   | 45     | 45     | 0.3       | 3.3     | 0.98  | 92.7      | 21.4143 | 18.4014 |
| 2009 | 6     | 20  | 16   | 55     | 45     | 0.3       | 3.3     | 1     | 91.7      | 21.4143 | 18.9012 |
| 2009 | 6     | 20  | 17   | 5      | 45     | 0.3       | 3.3     | 1     | 92.6      | 21.4143 | 18.7762 |
| 2009 | 6     | 20  | 17   | 15     | 45     | 0.3       | 3.3     | 0.99  | 92.3      | 21.4143 | 18.7138 |
| 2009 | 6     | 20  | 17   | 25     | 45     | 0.3       | 3.3     | 0.98  | 90.4      | 21.3914 | 18.3814 |
| 2009 | 6     | 20  | 17   | 35     | 45     | 0.3       | 3.3     | 0.99  | 93.4      | 21.3914 | 18.5686 |
| 2009 | 6     | 20  | 17   | 45     | 45     | 0.3       | 3.3     | 0.98  | 92.7      | 21.3914 | 18.4438 |
| 2009 | 6     | 20  | 17   | 55     | 45     | 0.3       | 3.3     | 0.99  | 91.5      | 21.3914 | 18.5686 |
| 2009 | 6     | 20  | 18   | 5      | 45     | 0.3       | 3.3     | 0.98  | 90        | 21.3914 | 18.3814 |
| 2009 | 6     | 20  | 18   | 15     | 45     | 0.3       | 3.3     | 0.99  | 91.1      | 21.3914 | 18.631  |
| 2009 | 6     | 20  | 18   | 25     | 45     | 0.3       | 3.3     | 0.98  | 92.9      | 21.3914 | 18.319  |
| 2009 | 6     | 20  | 18   | 35     | 45     | 0.3       | 3.3     | 0.99  | 90        | 21.3914 | 18.6934 |
| 2009 | 6     | 20  | 18   | 45     | 45     | 0.3       | 3.3     | 0.97  | 91.5      | 21.3914 | 18.319  |
| 2009 | 6     | 20  | 18   | 55     | 45     | 0.3       | 3.3     | 0.98  | 90        | 21.3685 | 18.4861 |
| 2009 | 6     | 20  | 19   | 5      | 45     | 0.3       | 3.3     | 1.01  | 91.1      | 21.3914 | 18.9431 |
| 2009 | 6     | 20  | 19   | 15     | 45     | 0.3       | 3.3     | 1     | 93.4      | 21.3685 | 18.7355 |
| 2009 | 6     | 20  | 19   | 25     | 45     | 0.3       | 3.3     | 0.99  | 90.8      | 21.3685 | 18.6108 |
| 2009 | 6     | 20  | 19   | 35     | 45     | 0.3       | 3.3     | 0.97  | 91        | 21.3685 | 18.1744 |
| 2009 | 6     | 20  | 19   | 45     | 45     | 0.3       | 3.3     | 0.99  | 92.1      | 21.3685 | 18.6108 |
| 2009 | 6     | 20  | 19   | 55     | 45     | 0.3       | 3.3     | 0.99  | 92.3      | 21.3685 | 18.6731 |
| 2009 | 6     | 20  | 20   | 5      | 45     | 0.3       | 3.3     | 0.98  | 92.1      | 21.3685 | 18.4238 |
| 2009 | 6     | 20  | 20   | 15     | 45     | 0.3       | 3.3     | 0.95  | 90.4      | 21.3456 | 17.9056 |
| 2009 | 6     | 20  | 20   | 25     | 45     | 0.3       | 3.3     | 0.99  | 90.8      | 21.3456 | 18.5905 |
| 2009 | 6     | 20  | 20   | 35     | 45     | 0.3       | 3.3     | 0.95  | 91.8      | 21.3685 | 17.7382 |
| 2009 | 6     | 20  | 20   | 45     | 45     | 0.3       | 3.3     | 0.97  | 90        | 21.3456 | 18.2792 |
| 2009 | 6     | 20  | 20   | 55     | 45     | 0.3       | 3.3     | 1     | 92.4      | 21.3456 | 18.7774 |
| 2009 | 6     | 20  | 21   | 5      | 45     | 0.3       | 3.3     | 0.91  | 90.8      | 21.3456 | 17.0966 |
| 2009 | 6     | 20  | 21   | 15     | 45     | 0.3       | 3.3     | 0.98  | 91.5      | 21.3456 | 18.4037 |
| 2009 | 6     | 20  | 21   | 25     | 45     | 0.3       | 3.3     | 0.98  | 90.8      | 21.3456 | 18.4037 |
| 2009 | 6     | 20  | 21   | 35     | 45     | 0.3       | 3.3     | 0.94  | 93.4      | 21.3456 | 17.5944 |
| 2009 | 6     | 20  | 21   | 45     | 45     | 0.3       | 3.3     | 0.99  | 92.1      | 21.3456 | 18.5905 |
| 2009 | 6     | 20  | 21   | 55     | 45     | 0.3       | 3.3     | 0.94  | 90        | 21.3456 | 17.5944 |
| 2009 | 6     | 20  | 22   | 5      | 45     | 0.3       | 3.3     | 0.96  | 92        | 21.3456 | 17.9056 |
| 2009 | 6     | 20  | 22   | 15     | 45     | 0.3       | 3.3     | 0.98  | 92.1      | 21.3456 | 18.466  |
| 2009 | 6     | 20  | 22   | 25     | 45     | 0.3       | 3.3     | 0.95  | 92.8      | 21.3456 | 17.7189 |
| 2009 | 6     | 20  | 22   | 35     | 45     | 0.3       | 3.3     | 0.98  | 90.4      | 21.3456 | 18.3414 |
| 2009 | 6     | 20  | 22   | 45     | 45     | 0.3       | 3.3     | 0.99  | 93.4      | 21.3456 | 18.5905 |
| 2009 | 6     | 20  | 22   | 55     | 45     | 0.3       | 3.3     | 0.97  | 89.6      | 21.3456 | 18.2169 |
| 2009 | 6     | 20  | 23   | 5      | 45     | 0.3       | 3.3     | 1     | 92.6      | 21.3228 | 18.7569 |
| 2009 | 6     | 20  | 23   | 15     | 45     | 0.3       | 3.3     | 1     | 93.6      | 21.3228 | 18.7569 |
| 2009 | 6     | 20  | 23   | 25     | 45     | 0.3       | 3.3     | 0.98  | 91.9      | 21.3228 | 18.3837 |
| 2009 | 6     | 20  | 23   | 35     | 45     | 0.3       | 3.3     | 0.96  | 91.4      | 21.3228 | 17.8861 |
| 2009 | 6     | 20  | 23   | 45     | 45     | 0.3       | 3.3     | 0.97  | 92.9      | 21.3228 | 18.1971 |
| 2009 | 6     | 20  | 23   | 55     | 45     | 0.3       | 3.3     | 0.98  | 90.8      | 21.3228 | 18.4459 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 21  | 0    | 5      | 45     | 0.3       | 3.3     | 0.98  | 92.3      | 21.3228 | 18.3837 |
| 2009 | 6     | 21  | 0    | 15     | 45     | 0.3       | 3.3     | 0.95  | 92.2      | 21.3228 | 17.8239 |
| 2009 | 6     | 21  | 0    | 25     | 45     | 0.3       | 3.3     | 0.95  | 92.2      | 21.3228 | 17.8239 |
| 2009 | 6     | 21  | 0    | 35     | 45     | 0.3       | 3.3     | 0.98  | 92.5      | 21.3228 | 18.2593 |
| 2009 | 6     | 21  | 0    | 45     | 45     | 0.3       | 3.3     | 0.93  | 91.4      | 21.3228 | 17.3888 |
| 2009 | 6     | 21  | 0    | 55     | 45     | 0.3       | 3.3     | 0.98  | 92.7      | 21.3228 | 18.3837 |
| 2009 | 6     | 21  | 1    | 5      | 45     | 0.3       | 3.3     | 0.99  | 92.3      | 21.3228 | 18.5703 |
| 2009 | 6     | 21  | 1    | 15     | 45     | 0.3       | 3.3     | 0.98  | 90.8      | 21.3228 | 18.3215 |
| 2009 | 6     | 21  | 1    | 25     | 45     | 0.3       | 3.3     | 0.97  | 91.4      | 21.3228 | 18.1971 |
| 2009 | 6     | 21  | 1    | 35     | 45     | 0.3       | 3.3     | 0.98  | 93.8      | 21.3228 | 18.3837 |
| 2009 | 6     | 21  | 1    | 45     | 45     | 0.3       | 3.3     | 0.95  | 92.6      | 21.3228 | 17.6996 |
| 2009 | 6     | 21  | 1    | 55     | 45     | 0.3       | 3.3     | 0.94  | 94.8      | 21.3228 | 17.5131 |
| 2009 | 6     | 21  | 2    | 5      | 45     | 0.3       | 3.3     | 0.97  | 91.9      | 21.3228 | 18.2593 |
| 2009 | 6     | 21  | 2    | 15     | 45     | 0.3       | 3.3     | 0.98  | 91.5      | 21.3228 | 18.4459 |
| 2009 | 6     | 21  | 2    | 25     | 45     | 0.3       | 3.3     | 0.96  | 92        | 21.3228 | 17.9483 |
| 2009 | 6     | 21  | 2    | 35     | 45     | 0.3       | 3.3     | 0.97  | 94.7      | 21.3228 | 18.1349 |
| 2009 | 6     | 21  | 2    | 45     | 45     | 0.3       | 3.3     | 0.97  | 91.2      | 21.3228 | 18.2593 |
| 2009 | 6     | 21  | 2    | 55     | 45     | 0.3       | 3.3     | 0.98  | 92.3      | 21.3228 | 18.2593 |
| 2009 | 6     | 21  | 3    | 5      | 45     | 0.3       | 3.3     | 0.98  | 91.5      | 21.3228 | 18.4459 |
| 2009 | 6     | 21  | 3    | 15     | 45     | 0.3       | 3.3     | 0.96  | 92.2      | 21.2999 | 17.9287 |
| 2009 | 6     | 21  | 3    | 25     | 45     | 0.3       | 3.3     | 0.98  | 92.9      | 21.2999 | 18.3636 |
| 2009 | 6     | 21  | 3    | 35     | 45     | 0.3       | 3.3     | 0.96  | 92.2      | 21.2999 | 17.8666 |
| 2009 | 6     | 21  | 3    | 45     | 45     | 0.3       | 3.3     | 0.95  | 90.4      | 21.2999 | 17.7424 |
| 2009 | 6     | 21  | 3    | 55     | 45     | 0.3       | 3.3     | 0.96  | 91.6      | 21.2999 | 17.9287 |
| 2009 | 6     | 21  | 4    | 5      | 45     | 0.3       | 3.3     | 1     | 90.9      | 21.2999 | 18.6743 |
| 2009 | 6     | 21  | 4    | 15     | 45     | 0.3       | 3.3     | 0.98  | 91.2      | 21.2999 | 18.3015 |
| 2009 | 6     | 21  | 4    | 25     | 45     | 0.3       | 3.3     | 0.97  | 92.1      | 21.2999 | 18.1772 |
| 2009 | 6     | 21  | 4    | 35     | 45     | 0.3       | 3.3     | 0.97  | 92.5      | 21.2999 | 18.1772 |
| 2009 | 6     | 21  | 4    | 45     | 45     | 0.3       | 3.3     | 0.95  | 93.6      | 21.2999 | 17.8045 |
| 2009 | 6     | 21  | 4    | 55     | 45     | 0.3       | 3.3     | 0.98  | 94.6      | 21.2999 | 18.3015 |
| 2009 | 6     | 21  | 5    | 5      | 45     | 0.3       | 3.3     | 1     | 91.5      | 21.2999 | 18.7986 |
| 2009 | 6     | 21  | 5    | 15     | 45     | 0.3       | 3.3     | 0.96  | 92.8      | 21.2999 | 17.8666 |
| 2009 | 6     | 21  | 5    | 25     | 45     | 0.3       | 3.3     | 0.98  | 91.7      | 21.2999 | 18.3015 |
| 2009 | 6     | 21  | 5    | 35     | 45     | 0.3       | 3.3     | 0.99  | 92.5      | 21.2999 | 18.4879 |
| 2009 | 6     | 21  | 5    | 45     | 45     | 0.3       | 3.3     | 0.95  | 93.8      | 21.2999 | 17.7424 |
| 2009 | 6     | 21  | 5    | 55     | 45     | 0.3       | 3.3     | 0.99  | 92.3      | 21.2999 | 18.55   |
| 2009 | 6     | 21  | 6    | 5      | 45     | 0.3       | 3.3     | 0.96  | 92.4      | 21.2999 | 17.9287 |
| 2009 | 6     | 21  | 6    | 15     | 45     | 0.3       | 3.3     | 0.98  | 92.7      | 21.2999 | 18.3636 |
| 2009 | 6     | 21  | 6    | 25     | 45     | 0.3       | 3.3     | 1.01  | 92.2      | 21.2999 | 18.8607 |
| 2009 | 6     | 21  | 6    | 35     | 45     | 0.3       | 3.3     | 0.99  | 92.7      | 21.2999 | 18.4879 |
| 2009 | 6     | 21  | 6    | 45     | 45     | 0.3       | 3.3     | 1     | 93.8      | 21.2999 | 18.6122 |
| 2009 | 6     | 21  | 6    | 55     | 45     | 0.3       | 3.3     | 0.97  | 93.7      | 21.2999 | 18.1772 |
| 2009 | 6     | 21  | 7    | 5      | 45     | 0.3       | 3.3     | 0.96  | 92.5      | 21.2999 | 17.9908 |
| 2009 | 6     | 21  | 7    | 15     | 45     | 0.3       | 3.3     | 0.96  | 93.7      | 21.2999 | 17.9287 |
| 2009 | 6     | 21  | 7    | 25     | 45     | 0.3       | 3.3     | 0.99  | 94.6      | 21.2999 | 18.4879 |
| 2009 | 6     | 21  | 7    | 35     | 45     | 0.3       | 3.3     | 0.94  | 92        | 21.2999 | 17.6182 |
| 2009 | 6     | 21  | 7    | 45     | 45     | 0.3       | 3.3     | 0.97  | 92.3      | 21.2999 | 18.1151 |
| 2009 | 6     | 21  | 7    | 55     | 45     | 0.3       | 3.3     | 0.97  | 92.9      | 21.2999 | 18.1151 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 21  | 8    | 5      | 45     | 0.3       | 3.3     | 0.95  | 92.6      | 21.2999 | 17.6803 |
| 2009 | 6     | 21  | 8    | 15     | 45     | 0.3       | 3.3     | 0.97  | 91.7      | 21.277  | 18.2194 |
| 2009 | 6     | 21  | 8    | 25     | 45     | 0.3       | 3.3     | 0.98  | 93.3      | 21.277  | 18.2194 |
| 2009 | 6     | 21  | 8    | 35     | 45     | 0.3       | 3.3     | 0.97  | 92.7      | 21.277  | 18.1574 |
| 2009 | 6     | 21  | 8    | 45     | 45     | 0.3       | 3.3     | 0.98  | 94.2      | 21.2999 | 18.2393 |
| 2009 | 6     | 21  | 8    | 55     | 45     | 0.3       | 3.3     | 0.95  | 92.6      | 21.2999 | 17.6803 |
| 2009 | 6     | 21  | 9    | 5      | 45     | 0.3       | 3.3     | 0.98  | 93.8      | 21.277  | 18.2815 |
| 2009 | 6     | 21  | 9    | 15     | 45     | 0.3       | 3.3     | 1     | 92.4      | 21.277  | 18.6539 |
| 2009 | 6     | 21  | 9    | 25     | 45     | 0.3       | 3.3     | 0.94  | 93.8      | 21.277  | 17.5989 |
| 2009 | 6     | 21  | 9    | 35     | 45     | 0.3       | 3.3     | 0.98  | 91.7      | 21.277  | 18.4056 |
| 2009 | 6     | 21  | 9    | 45     | 45     | 0.3       | 3.3     | 0.97  | 92.9      | 21.277  | 18.0953 |
| 2009 | 6     | 21  | 9    | 55     | 45     | 0.3       | 3.3     | 0.96  | 91.4      | 21.277  | 17.9092 |
| 2009 | 6     | 21  | 10   | 5      | 45     | 0.3       | 3.3     | 0.94  | 92.8      | 21.277  | 17.4749 |
| 2009 | 6     | 21  | 10   | 15     | 45     | 0.3       | 3.3     | 0.97  | 93.5      | 21.277  | 18.0953 |
| 2009 | 6     | 21  | 10   | 25     | 45     | 0.3       | 3.3     | 0.98  | 91.1      | 21.277  | 18.3435 |
| 2009 | 6     | 21  | 10   | 35     | 45     | 0.3       | 3.3     | 0.96  | 93.5      | 21.277  | 17.9712 |
| 2009 | 6     | 21  | 10   | 45     | 45     | 0.3       | 3.3     | 0.98  | 93.6      | 21.277  | 18.3435 |
| 2009 | 6     | 21  | 10   | 55     | 45     | 0.3       | 3.3     | 0.94  | 91.8      | 21.277  | 17.5989 |
| 2009 | 6     | 21  | 11   | 5      | 45     | 0.3       | 3.3     | 0.95  | 91        | 21.277  | 17.7851 |
| 2009 | 6     | 21  | 11   | 15     | 45     | 0.3       | 3.3     | 0.95  | 92.6      | 21.277  | 17.723  |
| 2009 | 6     | 21  | 11   | 25     | 45     | 0.3       | 3.3     | 0.96  | 91        | 21.277  | 18.0333 |
| 2009 | 6     | 21  | 11   | 35     | 45     | 0.3       | 3.3     | 0.98  | 90.8      | 21.277  | 18.4056 |
| 2009 | 6     | 21  | 11   | 45     | 45     | 0.3       | 3.3     | 0.93  | 91.4      | 21.277  | 17.4128 |
| 2009 | 6     | 21  | 11   | 55     | 45     | 0.3       | 3.3     | 0.97  | 88.4      | 21.277  | 18.0953 |
| 2009 | 6     | 21  | 12   | 5      | 45     | 0.3       | 3.3     | 0.96  | 91        | 21.277  | 18.0333 |
| 2009 | 6     | 21  | 12   | 15     | 45     | 0.3       | 3.3     | 0.97  | 89.6      | 21.277  | 18.1574 |
| 2009 | 6     | 21  | 12   | 25     | 45     | 0.3       | 3.3     | 0.96  | 91.8      | 21.277  | 17.8471 |
| 2009 | 6     | 21  | 12   | 35     | 45     | 0.3       | 3.3     | 0.97  | 90        | 21.277  | 18.0953 |
| 2009 | 6     | 21  | 12   | 45     | 45     | 0.3       | 3.3     | 0.98  | 91        | 21.277  | 18.3435 |
| 2009 | 6     | 21  | 12   | 55     | 45     | 0.3       | 3.3     | 0.99  | 91.9      | 21.277  | 18.4677 |
| 2009 | 6     | 21  | 13   | 5      | 45     | 0.3       | 3.3     | 0.98  | 90.8      | 21.277  | 18.3435 |
| 2009 | 6     | 21  | 13   | 15     | 45     | 0.3       | 3.3     | 0.96  | 90        | 21.2541 | 17.9516 |
| 2009 | 6     | 21  | 13   | 25     | 45     | 0.3       | 3.3     | 0.98  | 90.8      | 21.2541 | 18.3235 |
| 2009 | 6     | 21  | 13   | 35     | 45     | 0.3       | 3.3     | 0.98  | 90        | 21.2541 | 18.2615 |
| 2009 | 6     | 21  | 13   | 45     | 45     | 0.3       | 3.3     | 0.98  | 90.4      | 21.2541 | 18.2615 |
| 2009 | 6     | 21  | 13   | 55     | 45     | 0.3       | 3.3     | 0.99  | 91.9      | 21.2541 | 18.4475 |
| 2009 | 6     | 21  | 14   | 5      | 45     | 0.3       | 3.3     | 0.97  | 89.6      | 21.2541 | 18.0755 |
| 2009 | 6     | 21  | 14   | 15     | 45     | 0.3       | 3.3     | 0.97  | 91        | 21.2312 | 18.1177 |
| 2009 | 6     | 21  | 14   | 25     | 45     | 0.3       | 3.3     | 0.96  | 91.6      | 21.2312 | 17.87   |
| 2009 | 6     | 21  | 14   | 35     | 45     | 0.3       | 3.3     | 0.95  | 90.8      | 21.2312 | 17.8081 |
| 2009 | 6     | 21  | 14   | 45     | 45     | 0.3       | 3.3     | 0.95  | 88.8      | 21.2312 | 17.8081 |
| 2009 | 6     | 21  | 14   | 55     | 45     | 0.3       | 3.3     | 0.95  | 90.2      | 21.2083 | 17.7267 |
| 2009 | 6     | 21  | 15   | 5      | 45     | 0.3       | 3.3     | 0.97  | 90.8      | 21.2083 | 18.0978 |
| 2009 | 6     | 21  | 15   | 15     | 45     | 0.3       | 3.3     | 0.95  | 89        | 21.2083 | 17.7267 |
| 2009 | 6     | 21  | 15   | 25     | 45     | 0.3       | 3.3     | 0.95  | 93.2      | 21.2083 | 17.6649 |
| 2009 | 6     | 21  | 15   | 35     | 45     | 0.3       | 3.3     | 0.96  | 91.6      | 21.1625 | 17.9347 |
| 2009 | 6     | 21  | 15   | 45     | 45     | 0.3       | 3.3     | 0.99  | 92.5      | 21.1625 | 18.305  |
| 2009 | 6     | 21  | 15   | 55     | 45     | 0.3       | 3.3     | 0.95  | 90        | 21.1625 | 17.6878 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 21  | 16   | 5      | 45     | 0.3       | 3.3     | 0.98  | 90.6      | 21.1396 | 18.2232 |
| 2009 | 6     | 21  | 16   | 15     | 45     | 0.3       | 3.3     | 0.94  | 90.4      | 21.1396 | 17.4219 |
| 2009 | 6     | 21  | 16   | 25     | 45     | 0.3       | 3.3     | 0.96  | 89.2      | 21.1396 | 17.8533 |
| 2009 | 6     | 21  | 16   | 35     | 45     | 0.3       | 3.3     | 0.95  | 92        | 21.1396 | 17.5451 |
| 2009 | 6     | 21  | 16   | 45     | 45     | 0.3       | 3.3     | 0.98  | 91.7      | 21.1167 | 18.2647 |
| 2009 | 6     | 21  | 16   | 55     | 45     | 0.3       | 3.3     | 0.98  | 89.2      | 21.1396 | 18.1616 |
| 2009 | 6     | 21  | 17   | 5      | 45     | 0.3       | 3.3     | 1     | 90.2      | 21.1167 | 18.5111 |
| 2009 | 6     | 21  | 17   | 15     | 45     | 0.3       | 3.3     | 0.97  | 90.8      | 21.1167 | 17.9568 |
| 2009 | 6     | 21  | 17   | 25     | 45     | 0.3       | 3.3     | 0.96  | 91.2      | 21.1167 | 17.8952 |
| 2009 | 6     | 21  | 17   | 35     | 45     | 0.3       | 3.3     | 0.97  | 89.8      | 21.1167 | 17.9568 |
| 2009 | 6     | 21  | 17   | 45     | 45     | 0.3       | 3.3     | 0.98  | 91        | 21.1167 | 18.2032 |
| 2009 | 6     | 21  | 17   | 55     | 45     | 0.3       | 3.3     | 0.98  | 91.5      | 21.1167 | 18.2032 |
| 2009 | 6     | 21  | 18   | 5      | 45     | 0.3       | 3.3     | 0.98  | 90.8      | 21.1167 | 18.1416 |
| 2009 | 6     | 21  | 18   | 15     | 45     | 0.3       | 3.3     | 0.93  | 90        | 21.1167 | 17.1565 |
| 2009 | 6     | 21  | 18   | 25     | 45     | 0.3       | 3.3     | 0.99  | 89.6      | 21.1167 | 18.4495 |
| 2009 | 6     | 21  | 18   | 35     | 45     | 0.3       | 3.3     | 0.97  | 90.8      | 21.0938 | 18.0601 |
| 2009 | 6     | 21  | 18   | 45     | 45     | 0.3       | 3.3     | 0.96  | 91.4      | 21.0938 | 17.814  |
| 2009 | 6     | 21  | 18   | 55     | 45     | 0.3       | 3.3     | 0.98  | 90.4      | 21.0938 | 18.1216 |
| 2009 | 6     | 21  | 19   | 5      | 45     | 0.3       | 3.3     | 0.94  | 90.8      | 21.0938 | 17.3835 |
| 2009 | 6     | 21  | 19   | 15     | 45     | 0.3       | 3.3     | 0.96  | 91.2      | 21.0938 | 17.814  |
| 2009 | 6     | 21  | 19   | 25     | 45     | 0.3       | 3.3     | 0.96  | 89.8      | 21.0938 | 17.7525 |
| 2009 | 6     | 21  | 19   | 35     | 45     | 0.3       | 3.3     | 0.94  | 89.8      | 21.0938 | 17.5065 |
| 2009 | 6     | 21  | 19   | 45     | 45     | 0.3       | 3.3     | 0.97  | 91.9      | 21.0938 | 17.9985 |
| 2009 | 6     | 21  | 19   | 55     | 45     | 0.3       | 3.3     | 0.96  | 91.4      | 21.0938 | 17.8755 |
| 2009 | 6     | 21  | 20   | 5      | 45     | 0.3       | 3.3     | 0.96  | 91.8      | 21.0938 | 17.814  |
| 2009 | 6     | 21  | 20   | 15     | 45     | 0.3       | 3.3     | 0.96  | 91.6      | 21.0938 | 17.814  |
| 2009 | 6     | 21  | 20   | 25     | 45     | 0.3       | 3.3     | 0.91  | 91.7      | 21.0938 | 16.8302 |
| 2009 | 6     | 21  | 20   | 35     | 45     | 0.3       | 3.3     | 0.97  | 91.9      | 21.1167 | 18.0184 |
| 2009 | 6     | 21  | 20   | 45     | 45     | 0.3       | 3.3     | 0.95  | 91        | 21.1167 | 17.6489 |
| 2009 | 6     | 21  | 20   | 55     | 45     | 0.3       | 3.3     | 0.96  | 92.8      | 21.1167 | 17.7105 |
| 2009 | 6     | 21  | 21   | 5      | 45     | 0.3       | 3.3     | 0.94  | 92.8      | 21.0938 | 17.322  |
| 2009 | 6     | 21  | 21   | 15     | 45     | 0.3       | 3.3     | 0.94  | 91.4      | 21.1167 | 17.4027 |
| 2009 | 6     | 21  | 21   | 25     | 45     | 0.3       | 3.3     | 0.92  | 91.4      | 21.1167 | 16.9718 |
| 2009 | 6     | 21  | 21   | 35     | 45     | 0.3       | 3.3     | 0.97  | 91.2      | 21.1167 | 17.9568 |
| 2009 | 6     | 21  | 21   | 45     | 45     | 0.3       | 3.3     | 0.97  | 90        | 21.1167 | 18.0184 |
| 2009 | 6     | 21  | 21   | 55     | 45     | 0.3       | 3.3     | 0.94  | 92.8      | 21.1396 | 17.3602 |
| 2009 | 6     | 21  | 22   | 5      | 45     | 0.3       | 3.3     | 0.96  | 93.3      | 21.1167 | 17.7105 |
| 2009 | 6     | 21  | 22   | 15     | 45     | 0.3       | 3.3     | 0.97  | 90.6      | 21.1167 | 18.08   |
| 2009 | 6     | 21  | 22   | 25     | 45     | 0.3       | 3.3     | 0.89  | 88.1      | 21.1167 | 16.5411 |
| 2009 | 6     | 21  | 22   | 35     | 45     | 0.3       | 3.3     | 0.93  | 89.8      | 21.1167 | 17.218  |
| 2009 | 6     | 21  | 22   | 45     | 45     | 0.3       | 3.3     | 0.92  | 91        | 21.1167 | 17.0949 |
| 2009 | 6     | 21  | 22   | 55     | 45     | 0.3       | 3.3     | 0.96  | 92.2      | 21.1396 | 17.8533 |
| 2009 | 6     | 21  | 23   | 5      | 45     | 0.3       | 3.3     | 0.95  | 92.2      | 21.1167 | 17.5258 |
| 2009 | 6     | 21  | 23   | 15     | 45     | 0.3       | 3.3     | 0.94  | 92.4      | 21.1396 | 17.4219 |
| 2009 | 6     | 21  | 23   | 25     | 45     | 0.3       | 3.3     | 0.96  | 93.5      | 21.1396 | 17.73   |
| 2009 | 6     | 21  | 23   | 35     | 45     | 0.3       | 3.3     | 0.92  | 91.6      | 21.1396 | 17.1138 |
| 2009 | 6     | 21  | 23   | 45     | 45     | 0.3       | 3.3     | 0.96  | 91.8      | 21.1396 | 17.73   |
| 2009 | 6     | 21  | 23   | 55     | 45     | 0.3       | 3.3     | 0.97  | 92.7      | 21.1396 | 17.9766 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 22  | 0    | 5      | 45     | 0.3       | 3.3     | 0.94  | 94        | 21.1396 | 17.4219 |
| 2009 | 6     | 22  | 0    | 15     | 45     | 0.3       | 3.3     | 0.97  | 91.7      | 21.1625 | 18.0581 |
| 2009 | 6     | 22  | 0    | 25     | 45     | 0.3       | 3.3     | 0.97  | 93.5      | 21.1625 | 17.9964 |
| 2009 | 6     | 22  | 0    | 35     | 45     | 0.3       | 3.3     | 0.95  | 95.7      | 21.1396 | 17.5451 |
| 2009 | 6     | 22  | 0    | 45     | 45     | 0.3       | 3.3     | 0.96  | 92.8      | 21.1625 | 17.7495 |
| 2009 | 6     | 22  | 0    | 55     | 45     | 0.3       | 3.3     | 0.97  | 92.3      | 21.1625 | 17.9347 |
| 2009 | 6     | 22  | 1    | 5      | 45     | 0.3       | 3.3     | 0.96  | 91.4      | 21.1625 | 17.7495 |
| 2009 | 6     | 22  | 1    | 15     | 45     | 0.3       | 3.3     | 0.96  | 91.8      | 21.1625 | 17.7495 |
| 2009 | 6     | 22  | 1    | 25     | 45     | 0.3       | 3.3     | 0.95  | 91.6      | 21.1625 | 17.6878 |
| 2009 | 6     | 22  | 1    | 35     | 45     | 0.3       | 3.3     | 0.92  | 95.3      | 21.1625 | 16.9476 |
| 2009 | 6     | 22  | 1    | 45     | 45     | 0.3       | 3.3     | 0.98  | 91.7      | 21.1625 | 18.2433 |
| 2009 | 6     | 22  | 1    | 55     | 45     | 0.3       | 3.3     | 0.92  | 93.3      | 21.1625 | 17.1326 |
| 2009 | 6     | 22  | 2    | 5      | 45     | 0.3       | 3.3     | 0.95  | 92.4      | 21.1625 | 17.6878 |
| 2009 | 6     | 22  | 2    | 15     | 45     | 0.3       | 3.3     | 0.95  | 93.7      | 21.1625 | 17.6878 |
| 2009 | 6     | 22  | 2    | 25     | 45     | 0.3       | 3.3     | 0.95  | 92.6      | 21.1625 | 17.6878 |
| 2009 | 6     | 22  | 2    | 35     | 45     | 0.3       | 3.3     | 0.94  | 92.4      | 21.1625 | 17.3793 |
| 2009 | 6     | 22  | 2    | 45     | 45     | 0.3       | 3.3     | 0.98  | 92.1      | 21.1854 | 18.2015 |
| 2009 | 6     | 22  | 2    | 55     | 45     | 0.3       | 3.3     | 0.96  | 93.3      | 21.1854 | 17.8308 |
| 2009 | 6     | 22  | 3    | 5      | 45     | 0.3       | 3.3     | 0.94  | 93.4      | 21.1854 | 17.3985 |
| 2009 | 6     | 22  | 3    | 15     | 45     | 0.3       | 3.3     | 0.98  | 92.9      | 21.1854 | 18.2015 |
| 2009 | 6     | 22  | 3    | 25     | 45     | 0.3       | 3.3     | 0.94  | 91.8      | 21.1854 | 17.4602 |
| 2009 | 6     | 22  | 3    | 35     | 45     | 0.3       | 3.3     | 0.94  | 93        | 21.1854 | 17.3985 |
| 2009 | 6     | 22  | 3    | 45     | 45     | 0.3       | 3.3     | 0.97  | 93.1      | 21.1854 | 17.9544 |
| 2009 | 6     | 22  | 3    | 55     | 45     | 0.3       | 3.3     | 0.95  | 93.6      | 21.1854 | 17.6455 |
| 2009 | 6     | 22  | 4    | 5      | 45     | 0.3       | 3.3     | 0.95  | 93        | 21.1854 | 17.7073 |
| 2009 | 6     | 22  | 4    | 15     | 45     | 0.3       | 3.3     | 0.94  | 93.4      | 21.1854 | 17.522  |
| 2009 | 6     | 22  | 4    | 25     | 45     | 0.3       | 3.3     | 0.99  | 92.7      | 21.1854 | 18.3869 |
| 2009 | 6     | 22  | 4    | 35     | 45     | 0.3       | 3.3     | 0.97  | 91.9      | 21.1854 | 18.0162 |
| 2009 | 6     | 22  | 4    | 45     | 45     | 0.3       | 3.3     | 0.94  | 93.6      | 21.1854 | 17.4602 |
| 2009 | 6     | 22  | 4    | 55     | 45     | 0.3       | 3.3     | 0.96  | 93.7      | 21.1854 | 17.8308 |
| 2009 | 6     | 22  | 5    | 5      | 45     | 0.3       | 3.3     | 0.93  | 93.2      | 21.1854 | 17.2749 |
| 2009 | 6     | 22  | 5    | 15     | 45     | 0.3       | 3.3     | 0.91  | 91.9      | 21.1854 | 16.9662 |
| 2009 | 6     | 22  | 5    | 25     | 45     | 0.3       | 3.3     | 0.96  | 93.3      | 21.1854 | 17.8308 |
| 2009 | 6     | 22  | 5    | 35     | 45     | 0.3       | 3.3     | 0.97  | 90.6      | 21.1854 | 18.078  |
| 2009 | 6     | 22  | 5    | 45     | 45     | 0.3       | 3.3     | 0.93  | 94.1      | 21.1854 | 17.2132 |
| 2009 | 6     | 22  | 5    | 55     | 45     | 0.3       | 3.3     | 0.96  | 94.3      | 21.1854 | 17.7691 |
| 2009 | 6     | 22  | 6    | 5      | 45     | 0.3       | 3.3     | 0.94  | 93.2      | 21.1854 | 17.522  |
| 2009 | 6     | 22  | 6    | 15     | 45     | 0.3       | 3.3     | 0.96  | 93.5      | 21.1854 | 17.7691 |
| 2009 | 6     | 22  | 6    | 25     | 45     | 0.3       | 3.3     | 0.99  | 92.9      | 21.1854 | 18.3251 |
| 2009 | 6     | 22  | 6    | 35     | 45     | 0.3       | 3.3     | 0.95  | 94.7      | 21.1854 | 17.7073 |
| 2009 | 6     | 22  | 6    | 45     | 45     | 0.3       | 3.3     | 0.95  | 91.4      | 21.1854 | 17.7073 |
| 2009 | 6     | 22  | 6    | 55     | 45     | 0.3       | 3.3     | 0.94  | 93.4      | 21.1854 | 17.4602 |
| 2009 | 6     | 22  | 7    | 5      | 45     | 0.3       | 3.3     | 1     | 93.9      | 21.1854 | 18.6341 |
| 2009 | 6     | 22  | 7    | 15     | 45     | 0.3       | 3.3     | 0.92  | 94.5      | 21.1854 | 17.1514 |
| 2009 | 6     | 22  | 7    | 25     | 45     | 0.3       | 3.3     | 0.92  | 92.6      | 21.1854 | 17.1514 |
| 2009 | 6     | 22  | 7    | 40     | 50     | 0.3       | 3.3     | 0.96  | 93.9      | 21.1854 | 17.7691 |
| 2009 | 6     | 22  | 7    | 50     | 50     | 0.3       | 3.3     | 0.94  | 91.8      | 21.1854 | 17.522  |
| 2009 | 6     | 22  | 8    | 0      | 50     | 0.3       | 3.3     | 0.97  | 92.5      | 21.1854 | 18.078  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 22  | 8    | 10     | 50     | 0.3       | 3.3     | 0.93  | 94.4      | 21.1854 | 17.2749 |
| 2009 | 6     | 22  | 8    | 20     | 50     | 0.3       | 3.3     | 0.97  | 93.9      | 21.1854 | 18.0162 |
| 2009 | 6     | 22  | 8    | 30     | 50     | 0.3       | 3.3     | 0.96  | 91.8      | 21.1625 | 17.873  |
| 2009 | 6     | 22  | 8    | 40     | 50     | 0.3       | 3.3     | 0.95  | 90.6      | 21.1625 | 17.7495 |
| 2009 | 6     | 22  | 8    | 50     | 50     | 0.3       | 3.3     | 0.96  | 91.8      | 21.1854 | 17.8926 |
| 2009 | 6     | 22  | 9    | 0      | 50     | 0.3       | 3.3     | 0.98  | 90        | 21.1625 | 18.1815 |
| 2009 | 6     | 22  | 9    | 10     | 50     | 0.3       | 3.3     | 0.95  | 91.4      | 21.1625 | 17.6878 |
| 2009 | 6     | 22  | 9    | 20     | 50     | 0.3       | 3.3     | 0.96  | 91.8      | 21.1625 | 17.8112 |
| 2009 | 6     | 22  | 9    | 30     | 50     | 0.3       | 3.3     | 0.97  | 93.5      | 21.1625 | 18.0581 |
| 2009 | 6     | 22  | 9    | 40     | 50     | 0.3       | 3.3     | 0.93  | 93        | 21.1625 | 17.256  |
| 2009 | 6     | 22  | 9    | 50     | 50     | 0.3       | 3.3     | 0.96  | 92        | 21.1625 | 17.8112 |
| 2009 | 6     | 22  | 10   | 0      | 50     | 0.3       | 3.3     | 0.96  | 91.8      | 21.1625 | 17.7495 |
| 2009 | 6     | 22  | 10   | 10     | 50     | 0.3       | 3.3     | 0.94  | 90        | 21.1625 | 17.5644 |
| 2009 | 6     | 22  | 10   | 20     | 50     | 0.3       | 3.3     | 0.95  | 91.8      | 21.1625 | 17.6878 |
| 2009 | 6     | 22  | 10   | 30     | 50     | 0.3       | 3.3     | 0.96  | 92.5      | 21.1625 | 17.8112 |
| 2009 | 6     | 22  | 10   | 40     | 50     | 0.3       | 3.3     | 0.94  | 91.4      | 21.1625 | 17.5027 |
| 2009 | 6     | 22  | 10   | 50     | 50     | 0.3       | 3.3     | 0.94  | 92        | 21.1625 | 17.5027 |
| 2009 | 6     | 22  | 11   | 0      | 50     | 0.3       | 3.3     | 0.94  | 90        | 21.1625 | 17.5027 |
| 2009 | 6     | 22  | 11   | 10     | 50     | 0.3       | 3.3     | 0.96  | 92.9      | 21.1625 | 17.8112 |
| 2009 | 6     | 22  | 11   | 20     | 50     | 0.3       | 3.3     | 0.94  | 92.6      | 21.1396 | 17.4835 |
| 2009 | 6     | 22  | 11   | 30     | 50     | 0.3       | 3.3     | 0.95  | 91.6      | 21.1396 | 17.6684 |
| 2009 | 6     | 22  | 11   | 40     | 50     | 0.3       | 3.3     | 0.96  | 91.6      | 21.1167 | 17.7105 |
| 2009 | 6     | 22  | 11   | 50     | 50     | 0.3       | 3.3     | 0.96  | 91.2      | 21.1167 | 17.8337 |
| 2009 | 6     | 22  | 12   | 0      | 50     | 0.3       | 3.3     | 0.96  | 93.1      | 21.0938 | 17.814  |
| 2009 | 6     | 22  | 12   | 10     | 50     | 0.3       | 3.3     | 0.95  | 90.6      | 21.0709 | 17.6715 |
| 2009 | 6     | 22  | 12   | 20     | 50     | 0.3       | 3.3     | 0.94  | 92        | 21.0709 | 17.4258 |
| 2009 | 6     | 22  | 12   | 30     | 50     | 0.3       | 3.3     | 0.94  | 91.4      | 21.0709 | 17.3643 |
| 2009 | 6     | 22  | 12   | 40     | 50     | 0.3       | 3.3     | 0.95  | 90        | 21.0709 | 17.6715 |
| 2009 | 6     | 22  | 12   | 50     | 50     | 0.3       | 3.3     | 0.97  | 91.8      | 21.048  | 17.8361 |
| 2009 | 6     | 22  | 13   | 0      | 50     | 0.3       | 3.3     | 0.94  | 92        | 21.048  | 17.4065 |
| 2009 | 6     | 22  | 13   | 10     | 50     | 0.3       | 3.3     | 0.94  | 91.6      | 21.0709 | 17.3029 |
| 2009 | 6     | 22  | 13   | 20     | 50     | 0.3       | 3.3     | 0.93  | 92        | 21.048  | 17.1611 |
| 2009 | 6     | 22  | 13   | 30     | 50     | 0.3       | 3.3     | 0.95  | 95.2      | 21.048  | 17.4065 |
| 2009 | 6     | 22  | 13   | 40     | 50     | 0.3       | 3.3     | 0.93  | 91        | 21.048  | 17.2224 |
| 2009 | 6     | 22  | 13   | 50     | 50     | 0.3       | 3.3     | 0.94  | 92.6      | 21.048  | 17.2838 |
| 2009 | 6     | 22  | 14   | 0      | 50     | 0.3       | 3.3     | 0.94  | 91        | 21.048  | 17.3451 |
| 2009 | 6     | 22  | 14   | 10     | 50     | 0.3       | 3.3     | 0.93  | 91.4      | 21.048  | 17.1611 |
| 2009 | 6     | 22  | 14   | 20     | 50     | 0.3       | 3.3     | 0.96  | 94.5      | 21.048  | 17.7133 |
| 2009 | 6     | 22  | 14   | 30     | 50     | 0.3       | 3.3     | 0.94  | 91.6      | 21.048  | 17.4065 |
| 2009 | 6     | 22  | 14   | 40     | 50     | 0.3       | 3.3     | 0.95  | 92        | 21.048  | 17.5906 |
| 2009 | 6     | 22  | 14   | 50     | 50     | 0.3       | 3.3     | 0.95  | 90        | 21.048  | 17.5906 |
| 2009 | 6     | 22  | 15   | 0      | 50     | 0.3       | 3.3     | 0.94  | 91.6      | 21.0251 | 17.2647 |
| 2009 | 6     | 22  | 15   | 10     | 50     | 0.3       | 3.3     | 0.93  | 93.2      | 21.048  | 17.0997 |
| 2009 | 6     | 22  | 15   | 20     | 50     | 0.3       | 3.3     | 0.97  | 91.2      | 21.0251 | 18.0003 |
| 2009 | 6     | 22  | 15   | 30     | 50     | 0.3       | 3.3     | 0.95  | 91        | 21.0251 | 17.4485 |
| 2009 | 6     | 22  | 15   | 40     | 50     | 0.3       | 3.3     | 0.94  | 90.6      | 21.0251 | 17.2647 |
| 2009 | 6     | 22  | 15   | 50     | 50     | 0.3       | 3.3     | 0.94  | 90.4      | 21.0251 | 17.4485 |
| 2009 | 6     | 22  | 16   | 0      | 50     | 0.3       | 3.3     | 0.94  | 91.2      | 21.0251 | 17.3873 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 22  | 16   | 10     | 50     | 0.3       | 3.3     | 0.93  | 92.8      | 21.0251 | 17.0808 |
| 2009 | 6     | 22  | 16   | 20     | 50     | 0.3       | 3.3     | 0.98  | 90.4      | 21.0251 | 18.0616 |
| 2009 | 6     | 22  | 16   | 30     | 50     | 0.3       | 3.3     | 0.94  | 87.8      | 21.0251 | 17.2647 |
| 2009 | 6     | 22  | 16   | 40     | 50     | 0.3       | 3.3     | 0.96  | 91.2      | 21.0251 | 17.6937 |
| 2009 | 6     | 22  | 16   | 50     | 50     | 0.3       | 3.3     | 0.92  | 90.8      | 21.0251 | 17.0196 |
| 2009 | 6     | 22  | 17   | 0      | 50     | 0.3       | 3.3     | 0.95  | 91.4      | 21.0251 | 17.4485 |
| 2009 | 6     | 22  | 17   | 10     | 50     | 0.3       | 3.3     | 0.96  | 91.8      | 21.0251 | 17.6324 |
| 2009 | 6     | 22  | 17   | 20     | 50     | 0.3       | 3.3     | 0.94  | 92.4      | 21.0251 | 17.2647 |
| 2009 | 6     | 22  | 17   | 30     | 50     | 0.3       | 3.3     | 0.95  | 90.6      | 21.0251 | 17.5098 |
| 2009 | 6     | 22  | 17   | 40     | 50     | 0.3       | 3.3     | 0.94  | 90        | 21.0022 | 17.3068 |
| 2009 | 6     | 22  | 17   | 50     | 50     | 0.3       | 3.3     | 0.95  | 90        | 21.0022 | 17.4905 |
| 2009 | 6     | 22  | 18   | 0      | 50     | 0.3       | 3.3     | 0.96  | 91.4      | 21.0022 | 17.7966 |
| 2009 | 6     | 22  | 18   | 10     | 50     | 0.3       | 3.3     | 0.94  | 91.2      | 21.0022 | 17.368  |
| 2009 | 6     | 22  | 18   | 20     | 50     | 0.3       | 3.3     | 0.93  | 91.2      | 21.0022 | 17.1844 |
| 2009 | 6     | 22  | 18   | 30     | 50     | 0.3       | 3.3     | 0.95  | 92        | 21.0022 | 17.4292 |
| 2009 | 6     | 22  | 18   | 40     | 50     | 0.3       | 3.3     | 0.92  | 91.8      | 21.0022 | 17.0007 |
| 2009 | 6     | 22  | 18   | 50     | 50     | 0.3       | 3.3     | 0.96  | 89.8      | 21.0022 | 17.6741 |
| 2009 | 6     | 22  | 19   | 0      | 50     | 0.3       | 3.3     | 0.91  | 90        | 21.0022 | 16.8171 |
| 2009 | 6     | 22  | 19   | 10     | 50     | 0.3       | 3.3     | 0.94  | 92        | 21.0022 | 17.368  |
| 2009 | 6     | 22  | 19   | 20     | 50     | 0.3       | 3.3     | 0.93  | 92.8      | 21.0022 | 17.0619 |
| 2009 | 6     | 22  | 19   | 30     | 50     | 0.3       | 3.3     | 0.97  | 91.4      | 21.0022 | 17.9191 |
| 2009 | 6     | 22  | 19   | 40     | 50     | 0.3       | 3.3     | 0.93  | 92.4      | 21.0022 | 17.1231 |
| 2009 | 6     | 22  | 19   | 50     | 50     | 0.3       | 3.3     | 0.94  | 91.8      | 21.0022 | 17.3068 |
| 2009 | 6     | 22  | 20   | 0      | 50     | 0.3       | 3.3     | 0.91  | 91.2      | 20.9793 | 16.7373 |
| 2009 | 6     | 22  | 20   | 10     | 50     | 0.3       | 3.3     | 0.94  | 94.2      | 20.9793 | 17.3488 |
| 2009 | 6     | 22  | 20   | 20     | 50     | 0.3       | 3.3     | 0.96  | 94.1      | 20.9793 | 17.5934 |
| 2009 | 6     | 22  | 20   | 30     | 50     | 0.3       | 3.3     | 0.97  | 92.9      | 20.9793 | 17.8992 |
| 2009 | 6     | 22  | 20   | 40     | 50     | 0.3       | 3.3     | 0.92  | 92.9      | 20.9793 | 16.9819 |
| 2009 | 6     | 22  | 20   | 50     | 50     | 0.3       | 3.3     | 0.97  | 92.5      | 20.9793 | 17.8992 |
| 2009 | 6     | 22  | 21   | 0      | 50     | 0.3       | 3.3     | 0.92  | 92.5      | 20.9793 | 16.8596 |
| 2009 | 6     | 22  | 21   | 10     | 50     | 0.3       | 3.3     | 0.96  | 90.4      | 20.9793 | 17.6546 |
| 2009 | 6     | 22  | 21   | 20     | 50     | 0.3       | 3.3     | 0.93  | 90        | 20.9793 | 17.1042 |
| 2009 | 6     | 22  | 21   | 30     | 50     | 0.3       | 3.3     | 0.92  | 90.6      | 20.9793 | 16.9207 |
| 2009 | 6     | 22  | 21   | 40     | 50     | 0.3       | 3.3     | 0.93  | 90.2      | 20.9793 | 17.043  |
| 2009 | 6     | 22  | 21   | 50     | 50     | 0.3       | 3.3     | 0.93  | 90.2      | 20.9793 | 17.1042 |
| 2009 | 6     | 22  | 22   | 0      | 50     | 0.3       | 3.3     | 0.94  | 92.4      | 20.9793 | 17.2876 |
| 2009 | 6     | 22  | 22   | 10     | 50     | 0.3       | 3.3     | 0.92  | 90.8      | 20.9793 | 16.9207 |
| 2009 | 6     | 22  | 22   | 20     | 50     | 0.3       | 3.3     | 0.93  | 93.8      | 20.9793 | 17.1653 |
| 2009 | 6     | 22  | 22   | 30     | 50     | 0.3       | 3.3     | 0.95  | 91.2      | 20.9793 | 17.4099 |
| 2009 | 6     | 22  | 22   | 40     | 50     | 0.3       | 3.3     | 0.95  | 93.2      | 20.9793 | 17.4099 |
| 2009 | 6     | 22  | 22   | 50     | 50     | 0.3       | 3.3     | 0.93  | 91.8      | 20.9793 | 17.043  |
| 2009 | 6     | 22  | 23   | 0      | 50     | 0.3       | 3.3     | 0.95  | 92.6      | 20.9793 | 17.4711 |
| 2009 | 6     | 22  | 23   | 10     | 50     | 0.3       | 3.3     | 0.91  | 92.9      | 20.9793 | 16.7985 |
| 2009 | 6     | 22  | 23   | 20     | 50     | 0.3       | 3.3     | 0.95  | 92.2      | 20.9793 | 17.5322 |
| 2009 | 6     | 22  | 23   | 30     | 50     | 0.3       | 3.3     | 0.94  | 91.8      | 20.9793 | 17.3488 |
| 2009 | 6     | 22  | 23   | 40     | 50     | 0.3       | 3.3     | 0.95  | 91.6      | 20.9793 | 17.5322 |
| 2009 | 6     | 22  | 23   | 50     | 50     | 0.3       | 3.3     | 0.9   | 90.8      | 20.9793 | 16.554  |
| 2009 | 6     | 23  | 0    | 0      | 50     | 0.3       | 3.3     | 0.92  | 92.5      | 20.9793 | 16.8596 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 23  | 0    | 10     | 50     | 0.3       | 3.3     | 0.94  | 90.8      | 20.9793 | 17.2876 |
| 2009 | 6     | 23  | 0    | 20     | 50     | 0.3       | 3.3     | 0.92  | 91        | 20.9793 | 16.9207 |
| 2009 | 6     | 23  | 0    | 30     | 50     | 0.3       | 3.3     | 0.96  | 91.6      | 20.9793 | 17.5934 |
| 2009 | 6     | 23  | 0    | 40     | 50     | 0.3       | 3.3     | 0.96  | 94.5      | 20.9793 | 17.7157 |
| 2009 | 6     | 23  | 0    | 50     | 50     | 0.3       | 3.3     | 0.94  | 92.6      | 20.9793 | 17.3488 |
| 2009 | 6     | 23  | 1    | 0      | 50     | 0.3       | 3.3     | 0.95  | 93        | 20.9564 | 17.5128 |
| 2009 | 6     | 23  | 1    | 10     | 50     | 0.3       | 3.3     | 0.95  | 91.2      | 20.9793 | 17.4099 |
| 2009 | 6     | 23  | 1    | 20     | 50     | 0.3       | 3.3     | 0.96  | 92.9      | 20.9564 | 17.635  |
| 2009 | 6     | 23  | 1    | 30     | 50     | 0.3       | 3.3     | 0.96  | 95.9      | 20.9793 | 17.6546 |
| 2009 | 6     | 23  | 1    | 40     | 50     | 0.3       | 3.3     | 0.95  | 91        | 20.9564 | 17.5128 |
| 2009 | 6     | 23  | 1    | 50     | 50     | 0.3       | 3.3     | 0.93  | 91.8      | 20.9793 | 17.043  |
| 2009 | 6     | 23  | 2    | 0      | 50     | 0.3       | 3.3     | 0.94  | 93        | 20.9564 | 17.2073 |
| 2009 | 6     | 23  | 2    | 10     | 50     | 0.3       | 3.3     | 0.92  | 90        | 20.9793 | 16.9819 |
| 2009 | 6     | 23  | 2    | 20     | 50     | 0.3       | 3.3     | 0.94  | 91.4      | 20.9564 | 17.2073 |
| 2009 | 6     | 23  | 2    | 30     | 50     | 0.3       | 3.3     | 0.93  | 92        | 20.9564 | 17.0241 |
| 2009 | 6     | 23  | 2    | 40     | 50     | 0.3       | 3.3     | 0.93  | 93.8      | 20.9564 | 17.1463 |
| 2009 | 6     | 23  | 2    | 50     | 50     | 0.3       | 3.3     | 0.96  | 91.2      | 20.9793 | 17.6546 |
| 2009 | 6     | 23  | 3    | 0      | 50     | 0.3       | 3.3     | 0.94  | 93.8      | 20.9564 | 17.3295 |
| 2009 | 6     | 23  | 3    | 10     | 50     | 0.3       | 3.3     | 0.92  | 92.7      | 20.9564 | 16.8409 |
| 2009 | 6     | 23  | 3    | 20     | 50     | 0.3       | 3.3     | 0.93  | 93.9      | 20.9564 | 17.0241 |
| 2009 | 6     | 23  | 3    | 30     | 50     | 0.3       | 3.3     | 0.92  | 92.6      | 20.9564 | 16.963  |
| 2009 | 6     | 23  | 3    | 40     | 50     | 0.3       | 3.3     | 0.97  | 92.1      | 20.9793 | 17.8992 |
| 2009 | 6     | 23  | 3    | 50     | 50     | 0.3       | 3.3     | 0.96  | 93.7      | 20.9564 | 17.5739 |
| 2009 | 6     | 23  | 4    | 0      | 50     | 0.3       | 3.3     | 0.96  | 91.2      | 20.9793 | 17.7769 |
| 2009 | 6     | 23  | 4    | 10     | 50     | 0.3       | 3.3     | 0.94  | 92.8      | 20.9564 | 17.2684 |
| 2009 | 6     | 23  | 4    | 20     | 50     | 0.3       | 3.3     | 0.95  | 92.4      | 20.9564 | 17.5128 |
| 2009 | 6     | 23  | 4    | 30     | 50     | 0.3       | 3.3     | 0.95  | 92.4      | 20.9793 | 17.5322 |
| 2009 | 6     | 23  | 4    | 40     | 50     | 0.3       | 3.3     | 0.97  | 90.8      | 20.9793 | 17.8992 |
| 2009 | 6     | 23  | 4    | 50     | 50     | 0.3       | 3.3     | 0.92  | 92.6      | 20.9564 | 16.963  |
| 2009 | 6     | 23  | 5    | 0      | 50     | 0.3       | 3.3     | 0.97  | 94.3      | 20.9564 | 17.8183 |
| 2009 | 6     | 23  | 5    | 10     | 50     | 0.3       | 3.3     | 0.91  | 91.9      | 20.9564 | 16.6577 |
| 2009 | 6     | 23  | 5    | 20     | 50     | 0.3       | 3.3     | 0.95  | 92.6      | 20.9793 | 17.5322 |
| 2009 | 6     | 23  | 5    | 30     | 50     | 0.3       | 3.3     | 0.92  | 90.4      | 20.9793 | 16.9819 |
| 2009 | 6     | 23  | 5    | 40     | 50     | 0.3       | 3.3     | 0.94  | 91.8      | 20.9793 | 17.2264 |
| 2009 | 6     | 23  | 5    | 50     | 50     | 0.3       | 3.3     | 0.94  | 93.6      | 20.9793 | 17.2876 |
| 2009 | 6     | 23  | 6    | 0      | 50     | 0.3       | 3.3     | 0.96  | 91.8      | 20.9793 | 17.5934 |
| 2009 | 6     | 23  | 6    | 10     | 50     | 0.3       | 3.3     | 0.93  | 91.8      | 20.9793 | 17.1653 |
| 2009 | 6     | 23  | 6    | 20     | 50     | 0.3       | 3.3     | 0.94  | 92.2      | 20.9793 | 17.2264 |
| 2009 | 6     | 23  | 6    | 30     | 50     | 0.3       | 3.3     | 0.94  | 92.8      | 20.9793 | 17.3488 |
| 2009 | 6     | 23  | 6    | 40     | 50     | 0.3       | 3.3     | 0.96  | 93.3      | 20.9793 | 17.5934 |
| 2009 | 6     | 23  | 6    | 50     | 50     | 0.3       | 3.3     | 0.95  | 92.8      | 20.9793 | 17.5322 |
| 2009 | 6     | 23  | 7    | 0      | 50     | 0.3       | 3.3     | 0.93  | 91.6      | 20.9793 | 17.043  |
| 2009 | 6     | 23  | 7    | 10     | 50     | 0.3       | 3.3     | 0.94  | 92.6      | 20.9793 | 17.2876 |
| 2009 | 6     | 23  | 7    | 20     | 50     | 0.3       | 3.3     | 0.96  | 92.9      | 20.9793 | 17.7157 |
| 2009 | 6     | 23  | 7    | 30     | 50     | 0.3       | 3.3     | 0.93  | 93        | 20.9793 | 17.1042 |
| 2009 | 6     | 23  | 7    | 40     | 50     | 0.3       | 3.3     | 0.94  | 92.2      | 20.9793 | 17.3488 |
| 2009 | 6     | 23  | 7    | 50     | 50     | 0.3       | 3.3     | 0.92  | 92.9      | 20.9793 | 16.8596 |
| 2009 | 6     | 23  | 8    | 0      | 50     | 0.3       | 3.3     | 0.95  | 92.6      | 20.9793 | 17.4711 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 23  | 8    | 10     | 50     | 0.3       | 3.3     | 0.99  | 92.3      | 20.9793 | 18.2663 |
| 2009 | 6     | 23  | 8    | 20     | 50     | 0.3       | 3.3     | 0.95  | 92.6      | 20.9793 | 17.4099 |
| 2009 | 6     | 23  | 8    | 30     | 50     | 0.3       | 3.3     | 0.93  | 92.8      | 20.9793 | 17.1653 |
| 2009 | 6     | 23  | 8    | 40     | 50     | 0.3       | 3.3     | 0.94  | 92.8      | 20.9793 | 17.2264 |
| 2009 | 6     | 23  | 8    | 50     | 50     | 0.3       | 3.3     | 0.93  | 94.4      | 20.9793 | 17.1042 |
| 2009 | 6     | 23  | 9    | 0      | 50     | 0.3       | 3.3     | 0.98  | 91.9      | 20.9793 | 18.0216 |
| 2009 | 6     | 23  | 9    | 10     | 50     | 0.3       | 3.3     | 0.95  | 92.4      | 20.9793 | 17.4099 |
| 2009 | 6     | 23  | 9    | 20     | 50     | 0.3       | 3.3     | 0.94  | 94.8      | 20.9793 | 17.2264 |
| 2009 | 6     | 23  | 9    | 30     | 50     | 0.3       | 3.3     | 0.93  | 91.8      | 20.9793 | 17.1042 |
| 2009 | 6     | 23  | 9    | 40     | 50     | 0.3       | 3.3     | 0.93  | 93.7      | 20.9564 | 17.0241 |
| 2009 | 6     | 23  | 9    | 50     | 50     | 0.3       | 3.3     | 0.95  | 94.4      | 20.9793 | 17.4099 |
| 2009 | 6     | 23  | 10   | 0      | 50     | 0.3       | 3.3     | 0.95  | 91.6      | 20.9564 | 17.4517 |
| 2009 | 6     | 23  | 10   | 10     | 50     | 0.3       | 3.3     | 0.94  | 91.8      | 20.9564 | 17.3295 |
| 2009 | 6     | 23  | 10   | 20     | 50     | 0.3       | 3.3     | 0.97  | 93.3      | 20.9564 | 17.8183 |
| 2009 | 6     | 23  | 10   | 30     | 50     | 0.3       | 3.3     | 0.95  | 92.2      | 20.9564 | 17.4517 |
| 2009 | 6     | 23  | 10   | 40     | 50     | 0.3       | 3.3     | 0.94  | 91.4      | 20.9564 | 17.3295 |
| 2009 | 6     | 23  | 10   | 50     | 50     | 0.3       | 3.3     | 0.95  | 92        | 20.9564 | 17.3906 |
| 2009 | 6     | 23  | 11   | 0      | 50     | 0.3       | 3.3     | 0.99  | 92.9      | 20.9564 | 18.1849 |
| 2009 | 6     | 23  | 11   | 10     | 50     | 0.3       | 3.3     | 0.92  | 91.8      | 20.9793 | 16.8596 |
| 2009 | 6     | 23  | 11   | 20     | 50     | 0.3       | 3.3     | 0.95  | 91        | 20.9564 | 17.5128 |
| 2009 | 6     | 23  | 11   | 30     | 50     | 0.3       | 3.3     | 0.96  | 92        | 20.9564 | 17.6961 |
| 2009 | 6     | 23  | 11   | 40     | 50     | 0.3       | 3.3     | 0.92  | 94.7      | 20.9564 | 16.7798 |
| 2009 | 6     | 23  | 11   | 50     | 50     | 0.3       | 3.3     | 0.94  | 91.2      | 20.9564 | 17.2684 |
| 2009 | 6     | 23  | 12   | 0      | 50     | 0.3       | 3.3     | 0.95  | 91.6      | 20.9564 | 17.3906 |
| 2009 | 6     | 23  | 12   | 10     | 50     | 0.3       | 3.3     | 0.93  | 91.4      | 20.9793 | 17.043  |
| 2009 | 6     | 23  | 12   | 20     | 50     | 0.3       | 3.3     | 0.97  | 91.8      | 20.9564 | 17.7572 |
| 2009 | 6     | 23  | 12   | 30     | 50     | 0.3       | 3.3     | 0.96  | 91.8      | 20.9564 | 17.635  |
| 2009 | 6     | 23  | 12   | 40     | 50     | 0.3       | 3.3     | 0.96  | 91.8      | 20.9564 | 17.635  |
| 2009 | 6     | 23  | 12   | 50     | 50     | 0.3       | 3.3     | 0.95  | 91.8      | 20.9564 | 17.4517 |
| 2009 | 6     | 23  | 13   | 0      | 50     | 0.3       | 3.3     | 0.95  | 92.8      | 20.9564 | 17.5128 |
| 2009 | 6     | 23  | 13   | 10     | 50     | 0.3       | 3.3     | 0.93  | 90.2      | 20.9564 | 17.0852 |
| 2009 | 6     | 23  | 13   | 20     | 50     | 0.3       | 3.3     | 0.94  | 90.6      | 20.9564 | 17.3906 |
| 2009 | 6     | 23  | 13   | 30     | 50     | 0.3       | 3.3     | 0.93  | 92.2      | 20.9564 | 17.0241 |
| 2009 | 6     | 23  | 13   | 40     | 50     | 0.3       | 3.3     | 0.97  | 91        | 20.9564 | 17.8183 |
| 2009 | 6     | 23  | 13   | 50     | 50     | 0.3       | 3.3     | 0.93  | 91.6      | 20.9564 | 17.0852 |
| 2009 | 6     | 23  | 14   | 0      | 50     | 0.3       | 3.3     | 0.94  | 90        | 20.9564 | 17.2684 |
| 2009 | 6     | 23  | 14   | 10     | 50     | 0.3       | 3.3     | 0.96  | 91.2      | 20.9564 | 17.635  |
| 2009 | 6     | 23  | 14   | 20     | 50     | 0.3       | 3.3     | 0.94  | 91.6      | 20.9335 | 17.1882 |
| 2009 | 6     | 23  | 14   | 30     | 50     | 0.3       | 3.3     | 0.96  | 92.4      | 20.9335 | 17.5543 |
| 2009 | 6     | 23  | 14   | 40     | 50     | 0.3       | 3.3     | 0.94  | 90        | 20.9335 | 17.3713 |
| 2009 | 6     | 23  | 14   | 50     | 50     | 0.3       | 3.3     | 0.92  | 90.6      | 20.9106 | 16.8644 |
| 2009 | 6     | 23  | 15   | 0      | 50     | 0.3       | 3.3     | 0.96  | 90        | 20.8877 | 17.698  |
| 2009 | 6     | 23  | 15   | 10     | 50     | 0.3       | 3.3     | 0.92  | 90.8      | 20.8877 | 16.8456 |
| 2009 | 6     | 23  | 15   | 20     | 50     | 0.3       | 3.3     | 0.97  | 91.9      | 20.8877 | 17.8198 |
| 2009 | 6     | 23  | 15   | 30     | 50     | 0.3       | 3.3     | 0.93  | 91.8      | 20.8648 | 17.0093 |
| 2009 | 6     | 23  | 15   | 40     | 50     | 0.3       | 3.3     | 0.95  | 91        | 20.8648 | 17.3133 |
| 2009 | 6     | 23  | 15   | 50     | 50     | 0.3       | 3.3     | 0.93  | 90.2      | 20.8648 | 17.0701 |
| 2009 | 6     | 23  | 16   | 0      | 50     | 0.3       | 3.3     | 0.92  | 92.4      | 20.8418 | 16.8688 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 23  | 16   | 10     | 50     | 0.3       | 3.3     | 0.97  | 90.2      | 20.8418 | 17.7193 |
| 2009 | 6     | 23  | 16   | 20     | 50     | 0.3       | 3.3     | 0.94  | 90.8      | 20.8418 | 17.1117 |
| 2009 | 6     | 23  | 16   | 30     | 50     | 0.3       | 3       | 0.92  | 92.9      | 20.8189 | 16.85   |
| 2009 | 6     | 23  | 16   | 40     | 50     | 0.3       | 3.3     | 0.93  | 89.6      | 20.8418 | 16.9903 |
| 2009 | 6     | 23  | 16   | 50     | 50     | 0.3       | 3.3     | 0.93  | 90.8      | 20.8418 | 16.9903 |
| 2009 | 6     | 23  | 17   | 0      | 50     | 0.3       | 3       | 0.94  | 90        | 20.8189 | 17.1533 |
| 2009 | 6     | 23  | 17   | 10     | 50     | 0.3       | 3       | 0.92  | 90.6      | 20.8189 | 16.7286 |
| 2009 | 6     | 23  | 17   | 20     | 50     | 0.3       | 3       | 0.91  | 92.1      | 20.8189 | 16.5467 |
| 2009 | 6     | 23  | 17   | 30     | 50     | 0.3       | 3       | 0.96  | 91        | 20.8189 | 17.5174 |
| 2009 | 6     | 23  | 17   | 40     | 50     | 0.3       | 3       | 0.89  | 91.1      | 20.8189 | 16.1828 |
| 2009 | 6     | 23  | 17   | 50     | 50     | 0.3       | 3       | 0.95  | 91.2      | 20.8189 | 17.3353 |
| 2009 | 6     | 23  | 18   | 0      | 50     | 0.3       | 3       | 0.9   | 91        | 20.796  | 16.4676 |
| 2009 | 6     | 23  | 18   | 10     | 50     | 0.3       | 3       | 0.9   | 91        | 20.796  | 16.3464 |
| 2009 | 6     | 23  | 18   | 20     | 50     | 0.3       | 3       | 0.91  | 92.5      | 20.796  | 16.6493 |
| 2009 | 6     | 23  | 18   | 30     | 50     | 0.3       | 3       | 0.92  | 91.6      | 20.796  | 16.7705 |
| 2009 | 6     | 23  | 18   | 40     | 50     | 0.3       | 3       | 0.94  | 90        | 20.796  | 17.1947 |
| 2009 | 6     | 23  | 18   | 50     | 50     | 0.3       | 3       | 0.92  | 91        | 20.796  | 16.7099 |
| 2009 | 6     | 23  | 19   | 0      | 50     | 0.3       | 3       | 0.9   | 92.9      | 20.796  | 16.407  |
| 2009 | 6     | 23  | 19   | 10     | 50     | 0.3       | 3       | 0.88  | 89.6      | 20.796  | 16.0436 |
| 2009 | 6     | 23  | 19   | 20     | 50     | 0.3       | 3       | 0.91  | 90.2      | 20.796  | 16.5887 |
| 2009 | 6     | 23  | 19   | 30     | 50     | 0.3       | 3       | 0.91  | 91.5      | 20.796  | 16.5282 |
| 2009 | 6     | 23  | 19   | 40     | 50     | 0.3       | 3       | 0.93  | 91.4      | 20.796  | 17.0129 |
| 2009 | 6     | 23  | 19   | 50     | 50     | 0.3       | 3       | 0.93  | 90.4      | 20.7731 | 16.9939 |
| 2009 | 6     | 23  | 20   | 0      | 50     | 0.3       | 3       | 0.95  | 90        | 20.796  | 17.4372 |
| 2009 | 6     | 23  | 20   | 10     | 50     | 0.3       | 3       | 0.95  | 90        | 20.796  | 17.316  |
| 2009 | 6     | 23  | 20   | 20     | 50     | 0.3       | 3       | 0.97  | 91.8      | 20.7731 | 17.5993 |
| 2009 | 6     | 23  | 20   | 30     | 50     | 0.3       | 3       | 0.91  | 90.6      | 20.7731 | 16.6307 |
| 2009 | 6     | 23  | 20   | 40     | 50     | 0.3       | 3       | 0.94  | 91.6      | 20.7731 | 17.0544 |
| 2009 | 6     | 23  | 20   | 50     | 50     | 0.3       | 3       | 0.91  | 89.2      | 20.7731 | 16.5702 |
| 2009 | 6     | 23  | 21   | 0      | 50     | 0.3       | 3       | 0.91  | 91.5      | 20.7731 | 16.5096 |
| 2009 | 6     | 23  | 21   | 10     | 50     | 0.3       | 3       | 0.93  | 92        | 20.7731 | 16.8728 |
| 2009 | 6     | 23  | 21   | 20     | 50     | 0.3       | 3       | 0.93  | 91.4      | 20.7731 | 16.8728 |
| 2009 | 6     | 23  | 21   | 30     | 50     | 0.3       | 3       | 0.94  | 92.4      | 20.796  | 17.0735 |
| 2009 | 6     | 23  | 21   | 40     | 50     | 0.3       | 3       | 0.92  | 90.8      | 20.7731 | 16.6912 |
| 2009 | 6     | 23  | 21   | 50     | 50     | 0.3       | 3       | 0.92  | 89.4      | 20.7731 | 16.8123 |
| 2009 | 6     | 23  | 22   | 0      | 50     | 0.3       | 3       | 0.93  | 91.8      | 20.7731 | 16.8728 |
| 2009 | 6     | 23  | 22   | 10     | 50     | 0.3       | 3       | 0.94  | 88.8      | 20.7731 | 17.0544 |
| 2009 | 6     | 23  | 22   | 20     | 50     | 0.3       | 3       | 0.93  | 91.4      | 20.7731 | 16.9939 |
| 2009 | 6     | 23  | 22   | 30     | 50     | 0.3       | 3       | 0.96  | 92.4      | 20.7731 | 17.4782 |
| 2009 | 6     | 23  | 22   | 40     | 50     | 0.3       | 3       | 0.93  | 92.8      | 20.7731 | 16.9939 |
| 2009 | 6     | 23  | 22   | 50     | 50     | 0.3       | 3       | 0.94  | 90.4      | 20.7731 | 17.1755 |
| 2009 | 6     | 23  | 23   | 0      | 50     | 0.3       | 3       | 0.92  | 91.8      | 20.7731 | 16.7517 |
| 2009 | 6     | 23  | 23   | 10     | 50     | 0.3       | 3       | 0.89  | 91.9      | 20.7731 | 16.1466 |
| 2009 | 6     | 23  | 23   | 20     | 50     | 0.3       | 3       | 0.95  | 91.4      | 20.796  | 17.316  |
| 2009 | 6     | 23  | 23   | 30     | 50     | 0.3       | 3       | 0.94  | 92.2      | 20.7731 | 17.1149 |
| 2009 | 6     | 23  | 23   | 40     | 50     | 0.3       | 3       | 0.94  | 90.8      | 20.7731 | 17.0544 |
| 2009 | 6     | 23  | 23   | 50     | 50     | 0.3       | 3       | 0.93  | 91.4      | 20.7731 | 16.8728 |
| 2009 | 6     | 24  | 0    | 0      | 50     | 0.3       | 3       | 0.94  | 90.6      | 20.7731 | 17.1149 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 24  | 0    | 10     | 50     | 0.3       | 3       | 0.93  | 90.8      | 20.796  | 16.8917 |
| 2009 | 6     | 24  | 0    | 20     | 50     | 0.3       | 3       | 0.94  | 92.4      | 20.796  | 17.0735 |
| 2009 | 6     | 24  | 0    | 30     | 50     | 0.3       | 3       | 0.94  | 93.8      | 20.796  | 17.0735 |
| 2009 | 6     | 24  | 0    | 40     | 50     | 0.3       | 3       | 0.94  | 93        | 20.796  | 17.0735 |
| 2009 | 6     | 24  | 0    | 50     | 50     | 0.3       | 3       | 0.93  | 91.6      | 20.796  | 16.9523 |
| 2009 | 6     | 24  | 1    | 0      | 50     | 0.3       | 3       | 0.92  | 90.6      | 20.796  | 16.7705 |
| 2009 | 6     | 24  | 1    | 10     | 50     | 0.3       | 3       | 0.92  | 93.9      | 20.796  | 16.7099 |
| 2009 | 6     | 24  | 1    | 20     | 50     | 0.3       | 3       | 0.93  | 92.4      | 20.796  | 16.8917 |
| 2009 | 6     | 24  | 1    | 30     | 50     | 0.3       | 3       | 0.93  | 91.2      | 20.796  | 16.9523 |
| 2009 | 6     | 24  | 1    | 40     | 50     | 0.3       | 3       | 0.92  | 92.9      | 20.796  | 16.8311 |
| 2009 | 6     | 24  | 1    | 50     | 50     | 0.3       | 3       | 0.94  | 94.6      | 20.8189 | 17.1533 |
| 2009 | 6     | 24  | 2    | 0      | 50     | 0.3       | 3       | 0.95  | 91        | 20.8189 | 17.4567 |
| 2009 | 6     | 24  | 2    | 10     | 50     | 0.3       | 3.3     | 0.94  | 92.6      | 20.8418 | 17.2332 |
| 2009 | 6     | 24  | 2    | 20     | 50     | 0.3       | 3.3     | 0.91  | 93.3      | 20.8418 | 16.5652 |
| 2009 | 6     | 24  | 2    | 30     | 50     | 0.3       | 3.3     | 0.92  | 88.6      | 20.8418 | 16.8081 |
| 2009 | 6     | 24  | 2    | 40     | 50     | 0.3       | 3.3     | 0.91  | 93.9      | 20.8418 | 16.6866 |
| 2009 | 6     | 24  | 2    | 50     | 50     | 0.3       | 3.3     | 0.92  | 90.6      | 20.8418 | 16.8688 |
| 2009 | 6     | 24  | 3    | 0      | 50     | 0.3       | 3.3     | 0.94  | 91.8      | 20.8418 | 17.2332 |
| 2009 | 6     | 24  | 3    | 10     | 50     | 0.3       | 3.3     | 0.96  | 92.5      | 20.8648 | 17.6174 |
| 2009 | 6     | 24  | 3    | 20     | 50     | 0.3       | 3.3     | 0.94  | 91        | 20.8418 | 17.2332 |
| 2009 | 6     | 24  | 3    | 30     | 50     | 0.3       | 3.3     | 0.94  | 91.8      | 20.8648 | 17.1917 |
| 2009 | 6     | 24  | 3    | 40     | 50     | 0.3       | 3.3     | 0.94  | 91.4      | 20.8648 | 17.2525 |
| 2009 | 6     | 24  | 3    | 50     | 50     | 0.3       | 3.3     | 0.97  | 92.7      | 20.8648 | 17.7999 |
| 2009 | 6     | 24  | 4    | 0      | 50     | 0.3       | 3.3     | 0.94  | 94.4      | 20.8648 | 17.1309 |
| 2009 | 6     | 24  | 4    | 10     | 50     | 0.3       | 3.3     | 0.94  | 91.8      | 20.8648 | 17.1917 |
| 2009 | 6     | 24  | 4    | 20     | 50     | 0.3       | 3.3     | 0.93  | 93.8      | 20.8648 | 17.0093 |
| 2009 | 6     | 24  | 4    | 30     | 50     | 0.3       | 3.3     | 0.91  | 92.7      | 20.8648 | 16.5837 |
| 2009 | 6     | 24  | 4    | 40     | 50     | 0.3       | 3.3     | 0.91  | 92.5      | 20.8648 | 16.7053 |
| 2009 | 6     | 24  | 4    | 50     | 50     | 0.3       | 3.3     | 0.93  | 91.8      | 20.8648 | 16.9484 |
| 2009 | 6     | 24  | 5    | 0      | 50     | 0.3       | 3.3     | 0.93  | 91.8      | 20.8648 | 16.9484 |
| 2009 | 6     | 24  | 5    | 10     | 50     | 0.3       | 3.3     | 0.92  | 93.7      | 20.8648 | 16.7661 |
| 2009 | 6     | 24  | 5    | 20     | 50     | 0.3       | 3.3     | 0.96  | 91.8      | 20.8648 | 17.5566 |
| 2009 | 6     | 24  | 5    | 30     | 50     | 0.3       | 3.3     | 0.92  | 92.6      | 20.8648 | 16.8876 |
| 2009 | 6     | 24  | 5    | 40     | 50     | 0.3       | 3.3     | 0.92  | 91.4      | 20.8648 | 16.8876 |
| 2009 | 6     | 24  | 5    | 50     | 50     | 0.3       | 3.3     | 0.93  | 92.4      | 20.8648 | 17.0093 |
| 2009 | 6     | 24  | 6    | 0      | 50     | 0.3       | 3.3     | 0.9   | 90.2      | 20.8648 | 16.4621 |
| 2009 | 6     | 24  | 6    | 10     | 50     | 0.3       | 3.3     | 0.94  | 92.4      | 20.8648 | 17.1309 |
| 2009 | 6     | 24  | 6    | 20     | 50     | 0.3       | 3.3     | 0.9   | 92.3      | 20.8648 | 16.4621 |
| 2009 | 6     | 24  | 6    | 30     | 50     | 0.3       | 3.3     | 0.93  | 91.8      | 20.8877 | 17.0282 |
| 2009 | 6     | 24  | 6    | 40     | 50     | 0.3       | 3.3     | 0.95  | 93        | 20.8648 | 17.3133 |
| 2009 | 6     | 24  | 6    | 50     | 50     | 0.3       | 3.3     | 0.95  | 90.6      | 20.8648 | 17.3741 |
| 2009 | 6     | 24  | 7    | 0      | 50     | 0.3       | 3.3     | 0.9   | 91.9      | 20.8648 | 16.5229 |
| 2009 | 6     | 24  | 7    | 10     | 50     | 0.3       | 3.3     | 0.91  | 93.1      | 20.8648 | 16.7053 |
| 2009 | 6     | 24  | 7    | 20     | 50     | 0.3       | 3.3     | 0.95  | 91.4      | 20.8648 | 17.4349 |
| 2009 | 6     | 24  | 7    | 30     | 50     | 0.3       | 3.3     | 0.92  | 91.8      | 20.8648 | 16.8876 |
| 2009 | 6     | 24  | 7    | 40     | 50     | 0.3       | 3.3     | 0.94  | 91.6      | 20.8877 | 17.2717 |
| 2009 | 6     | 24  | 7    | 50     | 50     | 0.3       | 3.3     | 0.92  | 93.1      | 20.8648 | 16.8268 |
| 2009 | 6     | 24  | 8    | 0      | 50     | 0.3       | 3.3     | 0.92  | 93.5      | 20.8877 | 16.8456 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 24  | 8    | 10     | 50     | 0.3       | 3.3     | 0.94  | 93        | 20.8648 | 17.1917 |
| 2009 | 6     | 24  | 8    | 20     | 50     | 0.3       | 3.3     | 0.93  | 94.6      | 20.8648 | 17.0701 |
| 2009 | 6     | 24  | 8    | 30     | 50     | 0.3       | 3.3     | 0.92  | 93.9      | 20.8877 | 16.8456 |
| 2009 | 6     | 24  | 8    | 40     | 50     | 0.3       | 3.3     | 0.92  | 92.9      | 20.8877 | 16.7848 |
| 2009 | 6     | 24  | 8    | 50     | 50     | 0.3       | 3.3     | 0.94  | 93.8      | 20.8877 | 17.15   |
| 2009 | 6     | 24  | 9    | 0      | 50     | 0.3       | 3.3     | 0.92  | 91        | 20.8648 | 16.8268 |
| 2009 | 6     | 24  | 9    | 10     | 50     | 0.3       | 3.3     | 0.91  | 92.1      | 20.8877 | 16.6022 |
| 2009 | 6     | 24  | 9    | 20     | 50     | 0.3       | 3.3     | 0.94  | 91.8      | 20.8877 | 17.2109 |
| 2009 | 6     | 24  | 9    | 30     | 50     | 0.3       | 3.3     | 0.94  | 91.4      | 20.8877 | 17.15   |
| 2009 | 6     | 24  | 9    | 40     | 50     | 0.3       | 3.3     | 0.93  | 94.9      | 20.8877 | 16.9674 |
| 2009 | 6     | 24  | 9    | 50     | 50     | 0.3       | 3.3     | 0.93  | 93.2      | 20.8648 | 16.9484 |
| 2009 | 6     | 24  | 10   | 0      | 50     | 0.3       | 3.3     | 0.95  | 91.8      | 20.8648 | 17.4349 |
| 2009 | 6     | 24  | 10   | 10     | 50     | 0.3       | 3.3     | 0.91  | 91.7      | 20.8648 | 16.6445 |
| 2009 | 6     | 24  | 10   | 20     | 50     | 0.3       | 3.3     | 0.92  | 93.3      | 20.8648 | 16.7661 |
| 2009 | 6     | 24  | 10   | 30     | 50     | 0.3       | 3.3     | 0.96  | 90        | 20.8648 | 17.5566 |
| 2009 | 6     | 24  | 10   | 40     | 50     | 0.3       | 3.3     | 0.9   | 92.9      | 20.8648 | 16.4621 |
| 2009 | 6     | 24  | 10   | 50     | 50     | 0.3       | 3.3     | 0.91  | 91        | 20.8648 | 16.5837 |
| 2009 | 6     | 24  | 11   | 0      | 50     | 0.3       | 3.3     | 0.9   | 91.7      | 20.8418 | 16.4437 |
| 2009 | 6     | 24  | 11   | 10     | 50     | 0.3       | 3       | 0.93  | 93.2      | 20.8189 | 16.9713 |
| 2009 | 6     | 24  | 11   | 20     | 50     | 0.3       | 3       | 0.91  | 90.8      | 20.8189 | 16.6073 |
| 2009 | 6     | 24  | 11   | 30     | 50     | 0.3       | 3       | 0.93  | 93.2      | 20.796  | 16.9523 |
| 2009 | 6     | 24  | 11   | 40     | 50     | 0.3       | 3       | 0.93  | 90.8      | 20.7731 | 16.9333 |
| 2009 | 6     | 24  | 11   | 50     | 50     | 0.3       | 3       | 0.94  | 90.6      | 20.7731 | 17.1149 |
| 2009 | 6     | 24  | 12   | 0      | 50     | 0.3       | 3       | 0.95  | 91        | 20.7731 | 17.2966 |
| 2009 | 6     | 24  | 12   | 10     | 50     | 0.3       | 3       | 0.93  | 91.2      | 20.7731 | 16.9333 |
| 2009 | 6     | 24  | 12   | 20     | 50     | 0.3       | 3       | 0.88  | 90        | 20.7731 | 15.9651 |
| 2009 | 6     | 24  | 12   | 30     | 50     | 0.3       | 3       | 0.93  | 92.4      | 20.7502 | 16.8539 |
| 2009 | 6     | 24  | 12   | 40     | 50     | 0.3       | 3       | 0.94  | 89.4      | 20.7502 | 17.0353 |
| 2009 | 6     | 24  | 12   | 50     | 50     | 0.3       | 3       | 0.93  | 91.4      | 20.7731 | 16.8728 |
| 2009 | 6     | 24  | 13   | 0      | 50     | 0.3       | 3       | 0.92  | 92.2      | 20.7502 | 16.7329 |
| 2009 | 6     | 24  | 13   | 10     | 50     | 0.3       | 3       | 0.88  | 90        | 20.7502 | 16.0076 |
| 2009 | 6     | 24  | 13   | 20     | 50     | 0.3       | 3       | 0.92  | 92.9      | 20.7502 | 16.7329 |
| 2009 | 6     | 24  | 13   | 30     | 50     | 0.3       | 3       | 0.92  | 91.8      | 20.7502 | 16.7934 |
| 2009 | 6     | 24  | 13   | 40     | 50     | 0.3       | 3       | 0.94  | 93.6      | 20.7502 | 17.0353 |
| 2009 | 6     | 24  | 13   | 50     | 50     | 0.3       | 3       | 0.9   | 94        | 20.7502 | 16.3702 |
| 2009 | 6     | 24  | 14   | 0      | 50     | 0.3       | 3       | 0.89  | 91.1      | 20.7502 | 16.1285 |
| 2009 | 6     | 24  | 14   | 10     | 50     | 0.3       | 3       | 0.89  | 89.4      | 20.7502 | 16.2494 |
| 2009 | 6     | 24  | 14   | 20     | 50     | 0.3       | 3       | 0.91  | 89.6      | 20.7502 | 16.4911 |
| 2009 | 6     | 24  | 14   | 30     | 50     | 0.3       | 3       | 0.91  | 92.1      | 20.7502 | 16.4911 |
| 2009 | 6     | 24  | 14   | 40     | 50     | 0.3       | 3       | 0.93  | 90        | 20.7502 | 16.9748 |
| 2009 | 6     | 24  | 14   | 50     | 50     | 0.3       | 3       | 0.9   | 90        | 20.7272 | 16.4122 |
| 2009 | 6     | 24  | 15   | 0      | 50     | 0.3       | 3       | 0.89  | 92.7      | 20.7272 | 16.2311 |
| 2009 | 6     | 24  | 15   | 10     | 50     | 0.3       | 3       | 0.91  | 91.7      | 20.7272 | 16.533  |
| 2009 | 6     | 24  | 15   | 20     | 50     | 0.3       | 3       | 0.92  | 89.2      | 20.7272 | 16.7142 |
| 2009 | 6     | 24  | 15   | 30     | 50     | 0.3       | 3       | 0.93  | 92.2      | 20.7272 | 16.9557 |
| 2009 | 6     | 24  | 15   | 40     | 50     | 0.3       | 3       | 0.93  | 92.6      | 20.7272 | 16.835  |
| 2009 | 6     | 24  | 15   | 50     | 50     | 0.3       | 3       | 0.92  | 90        | 20.7272 | 16.6538 |
| 2009 | 6     | 24  | 16   | 0      | 50     | 0.3       | 3       | 0.91  | 89        | 20.7272 | 16.5934 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 24  | 16   | 10     | 50     | 0.3       | 3       | 0.93  | 88.4      | 20.7272 | 16.835  |
| 2009 | 6     | 24  | 16   | 20     | 50     | 0.3       | 3       | 0.89  | 91.1      | 20.7043 | 16.1526 |
| 2009 | 6     | 24  | 16   | 30     | 50     | 0.3       | 3       | 0.94  | 90.6      | 20.6814 | 17.0984 |
| 2009 | 6     | 24  | 16   | 40     | 50     | 0.3       | 3       | 0.93  | 89.2      | 20.6814 | 16.8574 |
| 2009 | 6     | 24  | 16   | 50     | 50     | 0.3       | 3       | 0.96  | 92        | 20.6814 | 17.3396 |
| 2009 | 6     | 24  | 17   | 0      | 50     | 0.3       | 3       | 0.9   | 91.2      | 20.6814 | 16.3754 |
| 2009 | 6     | 24  | 17   | 10     | 50     | 0.3       | 3       | 0.91  | 90.2      | 20.7043 | 16.5144 |
| 2009 | 6     | 24  | 17   | 20     | 50     | 0.3       | 3       | 0.9   | 92.1      | 20.6814 | 16.3151 |
| 2009 | 6     | 24  | 17   | 30     | 50     | 0.3       | 3       | 0.94  | 91        | 20.7043 | 17.0574 |
| 2009 | 6     | 24  | 17   | 40     | 50     | 0.3       | 3       | 0.92  | 90.2      | 20.6814 | 16.6766 |
| 2009 | 6     | 24  | 17   | 50     | 50     | 0.3       | 3       | 0.91  | 93.1      | 20.6814 | 16.4356 |
| 2009 | 6     | 24  | 18   | 0      | 50     | 0.3       | 3       | 0.88  | 90.9      | 20.6814 | 15.9537 |
| 2009 | 6     | 24  | 18   | 10     | 50     | 0.3       | 3       | 0.89  | 90.2      | 20.6814 | 16.1946 |
| 2009 | 6     | 24  | 18   | 20     | 50     | 0.3       | 3       | 0.92  | 90        | 20.6814 | 16.6766 |
| 2009 | 6     | 24  | 18   | 30     | 50     | 0.3       | 3       | 0.92  | 91.2      | 20.6814 | 16.6766 |
| 2009 | 6     | 24  | 18   | 40     | 50     | 0.3       | 3       | 0.92  | 90        | 20.6814 | 16.7369 |
| 2009 | 6     | 24  | 18   | 50     | 50     | 0.3       | 3       | 0.92  | 90.4      | 20.6814 | 16.6163 |
| 2009 | 6     | 24  | 19   | 0      | 50     | 0.3       | 3       | 0.88  | 90.9      | 20.6814 | 15.9537 |
| 2009 | 6     | 24  | 19   | 10     | 50     | 0.3       | 3       | 0.89  | 88.9      | 20.6814 | 16.1344 |
| 2009 | 6     | 24  | 19   | 20     | 50     | 0.3       | 3       | 0.9   | 90        | 20.6814 | 16.3151 |
| 2009 | 6     | 24  | 19   | 30     | 50     | 0.3       | 3       | 0.9   | 91.5      | 20.6814 | 16.2549 |
| 2009 | 6     | 24  | 19   | 40     | 50     | 0.3       | 3       | 0.92  | 89.6      | 20.6814 | 16.7369 |
| 2009 | 6     | 24  | 19   | 50     | 50     | 0.3       | 3       | 0.93  | 90.8      | 20.6814 | 16.7971 |
| 2009 | 6     | 24  | 20   | 0      | 50     | 0.3       | 3       | 0.91  | 90.4      | 20.6814 | 16.4958 |
| 2009 | 6     | 24  | 20   | 10     | 50     | 0.3       | 3       | 0.94  | 89.4      | 20.6814 | 16.9779 |
| 2009 | 6     | 24  | 20   | 20     | 50     | 0.3       | 3       | 0.94  | 90.6      | 20.6814 | 16.9779 |
| 2009 | 6     | 24  | 20   | 30     | 50     | 0.3       | 3       | 0.9   | 93.6      | 20.6814 | 16.3151 |
| 2009 | 6     | 24  | 20   | 40     | 50     | 0.3       | 3       | 0.9   | 94        | 20.6814 | 16.3151 |
| 2009 | 6     | 24  | 20   | 50     | 50     | 0.3       | 3       | 0.94  | 90        | 20.6814 | 17.0382 |
| 2009 | 6     | 24  | 21   | 0      | 50     | 0.3       | 3       | 0.88  | 93        | 20.6814 | 15.8935 |
| 2009 | 6     | 24  | 21   | 10     | 50     | 0.3       | 3       | 0.92  | 91        | 20.6814 | 16.7369 |
| 2009 | 6     | 24  | 21   | 20     | 50     | 0.3       | 3       | 0.9   | 90.6      | 20.6814 | 16.3754 |
| 2009 | 6     | 24  | 21   | 30     | 50     | 0.3       | 3       | 0.92  | 90.4      | 20.6814 | 16.7369 |
| 2009 | 6     | 24  | 21   | 40     | 50     | 0.3       | 3       | 0.93  | 92.2      | 20.6814 | 16.8574 |
| 2009 | 6     | 24  | 21   | 50     | 50     | 0.3       | 3       | 0.92  | 94.7      | 20.6814 | 16.6163 |
| 2009 | 6     | 24  | 22   | 0      | 50     | 0.3       | 3       | 0.88  | 91.9      | 20.6814 | 16.0139 |
| 2009 | 6     | 24  | 22   | 10     | 50     | 0.3       | 3       | 0.92  | 92.2      | 20.6814 | 16.6766 |
| 2009 | 6     | 24  | 22   | 20     | 50     | 0.3       | 3       | 0.9   | 91.9      | 20.6814 | 16.2549 |
| 2009 | 6     | 24  | 22   | 30     | 50     | 0.3       | 3       | 0.88  | 90        | 20.6814 | 16.0139 |
| 2009 | 6     | 24  | 22   | 40     | 50     | 0.3       | 3       | 0.91  | 92.9      | 20.6814 | 16.4958 |
| 2009 | 6     | 24  | 22   | 50     | 50     | 0.3       | 3       | 0.89  | 91.9      | 20.6814 | 16.1344 |
| 2009 | 6     | 24  | 23   | 0      | 50     | 0.3       | 3       | 0.93  | 91.8      | 20.6814 | 16.7971 |
| 2009 | 6     | 24  | 23   | 10     | 50     | 0.3       | 3       | 0.9   | 93.4      | 20.6814 | 16.2549 |
| 2009 | 6     | 24  | 23   | 20     | 50     | 0.3       | 3       | 0.92  | 91        | 20.6814 | 16.6163 |
| 2009 | 6     | 24  | 23   | 30     | 50     | 0.3       | 3       | 0.92  | 92.9      | 20.6814 | 16.6766 |
| 2009 | 6     | 24  | 23   | 40     | 50     | 0.3       | 3       | 0.93  | 91.6      | 20.6814 | 16.8574 |
| 2009 | 6     | 24  | 23   | 50     | 50     | 0.3       | 3       | 0.89  | 94        | 20.6814 | 16.1344 |
| 2009 | 6     | 25  | 0    | 0      | 50     | 0.3       | 3       | 0.92  | 92.2      | 20.6814 | 16.7369 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 25  | 0    | 10     | 50     | 0.3       | 3       | 0.9   | 91.2      | 20.6814 | 16.3754 |
| 2009 | 6     | 25  | 0    | 20     | 50     | 0.3       | 3       | 0.95  | 94        | 20.6814 | 17.219  |
| 2009 | 6     | 25  | 0    | 30     | 50     | 0.3       | 3       | 0.91  | 91.9      | 20.6814 | 16.4356 |
| 2009 | 6     | 25  | 0    | 40     | 50     | 0.3       | 3       | 0.9   | 91.5      | 20.6814 | 16.3151 |
| 2009 | 6     | 25  | 0    | 50     | 50     | 0.3       | 3       | 0.92  | 90.2      | 20.6814 | 16.6766 |
| 2009 | 6     | 25  | 1    | 0      | 50     | 0.3       | 3       | 0.89  | 93        | 20.6814 | 16.1344 |
| 2009 | 6     | 25  | 1    | 10     | 50     | 0.3       | 3       | 0.92  | 92.3      | 20.6814 | 16.6163 |
| 2009 | 6     | 25  | 1    | 20     | 50     | 0.3       | 3       | 0.88  | 93.2      | 20.6814 | 15.8935 |
| 2009 | 6     | 25  | 1    | 30     | 50     | 0.3       | 3       | 0.92  | 90.8      | 20.6814 | 16.7369 |
| 2009 | 6     | 25  | 1    | 40     | 50     | 0.3       | 3       | 0.94  | 92        | 20.6814 | 16.9779 |
| 2009 | 6     | 25  | 1    | 50     | 50     | 0.3       | 3       | 0.94  | 92        | 20.6814 | 17.0984 |
| 2009 | 6     | 25  | 2    | 0      | 50     | 0.3       | 3       | 0.92  | 90.8      | 20.6814 | 16.7369 |
| 2009 | 6     | 25  | 2    | 10     | 50     | 0.3       | 3       | 0.92  | 91.8      | 20.6814 | 16.6766 |
| 2009 | 6     | 25  | 2    | 20     | 50     | 0.3       | 3       | 0.92  | 92.9      | 20.6814 | 16.6766 |
| 2009 | 6     | 25  | 2    | 30     | 50     | 0.3       | 3       | 0.93  | 90.2      | 20.6814 | 16.9176 |
| 2009 | 6     | 25  | 2    | 40     | 50     | 0.3       | 3       | 0.94  | 92.6      | 20.6814 | 17.0382 |
| 2009 | 6     | 25  | 2    | 50     | 50     | 0.3       | 3       | 0.91  | 91.9      | 20.6814 | 16.4356 |
| 2009 | 6     | 25  | 3    | 0      | 50     | 0.3       | 3       | 0.89  | 91.1      | 20.6814 | 16.1344 |
| 2009 | 6     | 25  | 3    | 10     | 50     | 0.3       | 3       | 0.94  | 91.8      | 20.6814 | 17.0984 |
| 2009 | 6     | 25  | 3    | 20     | 50     | 0.3       | 3       | 0.93  | 92.4      | 20.6814 | 16.7971 |
| 2009 | 6     | 25  | 3    | 30     | 50     | 0.3       | 3       | 0.89  | 93.6      | 20.6814 | 16.1946 |
| 2009 | 6     | 25  | 3    | 40     | 50     | 0.3       | 3       | 0.91  | 92.7      | 20.6814 | 16.5561 |
| 2009 | 6     | 25  | 3    | 50     | 50     | 0.3       | 3       | 0.89  | 90.4      | 20.6814 | 16.0742 |
| 2009 | 6     | 25  | 4    | 0      | 50     | 0.3       | 3       | 0.91  | 92.7      | 20.6814 | 16.5561 |
| 2009 | 6     | 25  | 4    | 10     | 50     | 0.3       | 3       | 0.92  | 92.3      | 20.6814 | 16.6163 |
| 2009 | 6     | 25  | 4    | 20     | 50     | 0.3       | 3       | 0.94  | 91.8      | 20.7043 | 17.1177 |
| 2009 | 6     | 25  | 4    | 30     | 50     | 0.3       | 3       | 0.93  | 93.9      | 20.6814 | 16.7971 |
| 2009 | 6     | 25  | 4    | 40     | 50     | 0.3       | 3       | 0.89  | 94        | 20.6814 | 16.1946 |
| 2009 | 6     | 25  | 4    | 50     | 50     | 0.3       | 3       | 0.89  | 91.1      | 20.7043 | 16.1526 |
| 2009 | 6     | 25  | 5    | 0      | 50     | 0.3       | 3       | 0.93  | 90.2      | 20.7043 | 16.816  |
| 2009 | 6     | 25  | 5    | 10     | 50     | 0.3       | 3       | 0.9   | 90.8      | 20.7043 | 16.2732 |
| 2009 | 6     | 25  | 5    | 20     | 50     | 0.3       | 3       | 0.91  | 91.2      | 20.7043 | 16.4541 |
| 2009 | 6     | 25  | 5    | 30     | 50     | 0.3       | 3       | 0.89  | 91.9      | 20.7043 | 16.2129 |
| 2009 | 6     | 25  | 5    | 40     | 50     | 0.3       | 3       | 0.91  | 93.9      | 20.7043 | 16.4541 |
| 2009 | 6     | 25  | 5    | 50     | 50     | 0.3       | 3       | 0.95  | 94.3      | 20.7043 | 17.2987 |
| 2009 | 6     | 25  | 6    | 0      | 50     | 0.3       | 3       | 0.9   | 91        | 20.7043 | 16.3938 |
| 2009 | 6     | 25  | 6    | 10     | 50     | 0.3       | 3       | 0.92  | 95.1      | 20.7043 | 16.5747 |
| 2009 | 6     | 25  | 6    | 20     | 50     | 0.3       | 3       | 0.92  | 91.8      | 20.7043 | 16.6351 |
| 2009 | 6     | 25  | 6    | 30     | 50     | 0.3       | 3       | 0.91  | 93.9      | 20.7272 | 16.4726 |
| 2009 | 6     | 25  | 6    | 40     | 50     | 0.3       | 3       | 0.94  | 91.2      | 20.7272 | 17.137  |
| 2009 | 6     | 25  | 6    | 50     | 50     | 0.3       | 3       | 0.95  | 91.8      | 20.7272 | 17.2578 |
| 2009 | 6     | 25  | 7    | 0      | 50     | 0.3       | 3       | 0.92  | 92.7      | 20.7272 | 16.6538 |
| 2009 | 6     | 25  | 7    | 10     | 50     | 0.3       | 3       | 0.94  | 93        | 20.7272 | 17.0161 |
| 2009 | 6     | 25  | 7    | 20     | 50     | 0.3       | 3       | 0.88  | 91.3      | 20.7272 | 16.05   |
| 2009 | 6     | 25  | 7    | 30     | 50     | 0.3       | 3       | 0.9   | 91.7      | 20.7502 | 16.3702 |
| 2009 | 6     | 25  | 7    | 40     | 50     | 0.3       | 3       | 0.91  | 92.7      | 20.7502 | 16.5516 |
| 2009 | 6     | 25  | 7    | 50     | 50     | 0.3       | 3       | 0.92  | 94.7      | 20.7502 | 16.7329 |
| 2009 | 6     | 25  | 8    | 0      | 50     | 0.3       | 3       | 0.91  | 91        | 20.7502 | 16.4911 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 25  | 8    | 10     | 50     | 0.3       | 3       | 0.92  | 91.8      | 20.7502 | 16.7329 |
| 2009 | 6     | 25  | 8    | 20     | 50     | 0.3       | 3       | 0.92  | 92.9      | 20.7731 | 16.8123 |
| 2009 | 6     | 25  | 8    | 30     | 50     | 0.3       | 3       | 0.9   | 92.9      | 20.7731 | 16.3886 |
| 2009 | 6     | 25  | 8    | 40     | 50     | 0.3       | 3       | 0.89  | 91.3      | 20.7502 | 16.2494 |
| 2009 | 6     | 25  | 8    | 50     | 50     | 0.3       | 3       | 0.92  | 93.7      | 20.7502 | 16.6725 |
| 2009 | 6     | 25  | 9    | 0      | 50     | 0.3       | 3       | 0.95  | 92.6      | 20.7502 | 17.2167 |
| 2009 | 6     | 25  | 9    | 10     | 50     | 0.3       | 3       | 0.92  | 92.2      | 20.7731 | 16.8123 |
| 2009 | 6     | 25  | 9    | 20     | 50     | 0.3       | 3       | 0.92  | 91        | 20.7502 | 16.7934 |
| 2009 | 6     | 25  | 9    | 30     | 50     | 0.3       | 3       | 0.91  | 94.1      | 20.7502 | 16.5516 |
| 2009 | 6     | 25  | 9    | 40     | 50     | 0.3       | 3       | 0.89  | 93.4      | 20.7502 | 16.2494 |
| 2009 | 6     | 25  | 9    | 50     | 50     | 0.3       | 3       | 0.89  | 92.8      | 20.7272 | 16.1104 |
| 2009 | 6     | 25  | 10   | 0      | 50     | 0.3       | 3       | 0.9   | 92.9      | 20.7502 | 16.4307 |
| 2009 | 6     | 25  | 10   | 10     | 50     | 0.3       | 3       | 0.91  | 91.2      | 20.7272 | 16.5934 |
| 2009 | 6     | 25  | 10   | 20     | 50     | 0.3       | 3       | 0.93  | 91.8      | 20.7272 | 16.835  |
| 2009 | 6     | 25  | 10   | 30     | 50     | 0.3       | 3       | 0.91  | 90.8      | 20.7272 | 16.533  |
| 2009 | 6     | 25  | 10   | 40     | 50     | 0.3       | 3       | 0.9   | 92.7      | 20.7272 | 16.3519 |
| 2009 | 6     | 25  | 10   | 50     | 50     | 0.3       | 3       | 0.93  | 91        | 20.7272 | 16.835  |
| 2009 | 6     | 25  | 11   | 0      | 50     | 0.3       | 3       | 0.93  | 91.8      | 20.7272 | 16.8953 |
| 2009 | 6     | 25  | 11   | 10     | 50     | 0.3       | 3       | 0.9   | 90.6      | 20.7272 | 16.4122 |
| 2009 | 6     | 25  | 11   | 20     | 50     | 0.3       | 3       | 0.94  | 90.6      | 20.7272 | 17.0766 |
| 2009 | 6     | 25  | 11   | 30     | 50     | 0.3       | 3       | 0.91  | 89.4      | 20.7272 | 16.4726 |
| 2009 | 6     | 25  | 11   | 40     | 50     | 0.3       | 3       | 0.94  | 90.8      | 20.7272 | 17.0161 |
| 2009 | 6     | 25  | 11   | 50     | 50     | 0.3       | 3       | 0.88  | 90        | 20.7272 | 16.05   |
| 2009 | 6     | 25  | 12   | 0      | 50     | 0.3       | 3       | 0.91  | 90        | 20.7272 | 16.4726 |
| 2009 | 6     | 25  | 12   | 10     | 50     | 0.3       | 3       | 0.89  | 89.2      | 20.7272 | 16.2311 |
| 2009 | 6     | 25  | 12   | 20     | 50     | 0.3       | 3       | 0.88  | 88.1      | 20.7272 | 15.9293 |
| 2009 | 6     | 25  | 12   | 30     | 50     | 0.3       | 3       | 0.91  | 89.6      | 20.7272 | 16.4726 |
| 2009 | 6     | 25  | 12   | 40     | 50     | 0.3       | 3       | 0.9   | 93.6      | 20.7272 | 16.3519 |
| 2009 | 6     | 25  | 12   | 50     | 50     | 0.3       | 3       | 0.9   | 90        | 20.7502 | 16.3702 |
| 2009 | 6     | 25  | 13   | 0      | 50     | 0.3       | 3       | 0.93  | 88.2      | 20.7502 | 16.8539 |
| 2009 | 6     | 25  | 13   | 10     | 50     | 0.3       | 3       | 0.92  | 86.9      | 20.7272 | 16.6538 |
| 2009 | 6     | 25  | 13   | 20     | 50     | 0.3       | 3       | 0.93  | 88.4      | 20.7272 | 16.835  |
| 2009 | 6     | 25  | 13   | 30     | 50     | 0.3       | 3       | 0.94  | 89.6      | 20.7272 | 17.1974 |
| 2009 | 6     | 25  | 13   | 40     | 50     | 0.3       | 3       | 0.93  | 91        | 20.7272 | 16.9557 |
| 2009 | 6     | 25  | 13   | 50     | 50     | 0.3       | 3       | 0.92  | 90        | 20.7272 | 16.7746 |
| 2009 | 6     | 25  | 14   | 0      | 50     | 0.3       | 3       | 0.93  | 92        | 20.7043 | 16.816  |
| 2009 | 6     | 25  | 14   | 10     | 50     | 0.3       | 3       | 0.92  | 88.2      | 20.7043 | 16.6351 |
| 2009 | 6     | 25  | 14   | 20     | 50     | 0.3       | 3       | 0.91  | 90        | 20.7043 | 16.5144 |
| 2009 | 6     | 25  | 14   | 30     | 50     | 0.3       | 3       | 0.91  | 89.2      | 20.7272 | 16.4726 |
| 2009 | 6     | 25  | 14   | 40     | 50     | 0.3       | 3       | 0.9   | 89.2      | 20.7043 | 16.3938 |
| 2009 | 6     | 25  | 14   | 50     | 50     | 0.3       | 3       | 0.92  | 89.8      | 20.6814 | 16.6163 |
| 2009 | 6     | 25  | 15   | 0      | 50     | 0.3       | 3       | 0.9   | 89.4      | 20.7043 | 16.3335 |
| 2009 | 6     | 25  | 15   | 10     | 50     | 0.3       | 3       | 0.92  | 90.2      | 20.7043 | 16.6954 |
| 2009 | 6     | 25  | 15   | 20     | 50     | 0.3       | 3       | 0.94  | 89.2      | 20.7043 | 16.997  |
| 2009 | 6     | 25  | 15   | 30     | 50     | 0.3       | 3       | 0.93  | 90        | 20.7043 | 16.8764 |
| 2009 | 6     | 25  | 15   | 40     | 50     | 0.3       | 3       | 0.9   | 91.2      | 20.7043 | 16.3938 |
| 2009 | 6     | 25  | 15   | 50     | 50     | 0.3       | 3       | 0.91  | 90.4      | 20.7043 | 16.4541 |
| 2009 | 6     | 25  | 16   | 0      | 50     | 0.3       | 3       | 0.93  | 90.4      | 20.7043 | 16.9367 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 25  | 16   | 10     | 50     | 0.3       | 3       | 0.9   | 90        | 20.7043 | 16.3938 |
| 2009 | 6     | 25  | 16   | 20     | 50     | 0.3       | 3       | 0.89  | 88.5      | 20.7043 | 16.0923 |
| 2009 | 6     | 25  | 16   | 30     | 50     | 0.3       | 3       | 0.9   | 90        | 20.7043 | 16.3938 |
| 2009 | 6     | 25  | 16   | 40     | 50     | 0.3       | 3       | 0.9   | 90.6      | 20.6814 | 16.3754 |
| 2009 | 6     | 25  | 16   | 50     | 50     | 0.3       | 3       | 0.89  | 89.6      | 20.7043 | 16.1526 |
| 2009 | 6     | 25  | 17   | 0      | 50     | 0.3       | 3       | 0.9   | 91.5      | 20.7043 | 16.3938 |
| 2009 | 6     | 25  | 17   | 10     | 50     | 0.3       | 3       | 0.92  | 88.6      | 20.7043 | 16.6954 |
| 2009 | 6     | 25  | 17   | 20     | 50     | 0.3       | 3       | 0.88  | 89.4      | 20.7043 | 15.9114 |
| 2009 | 6     | 25  | 17   | 30     | 50     | 0.3       | 3       | 0.92  | 89.8      | 20.7043 | 16.6351 |
| 2009 | 6     | 25  | 17   | 40     | 50     | 0.3       | 3       | 0.9   | 91.2      | 20.6814 | 16.3754 |
| 2009 | 6     | 25  | 17   | 50     | 50     | 0.3       | 3       | 0.89  | 90.6      | 20.7043 | 16.0923 |
| 2009 | 6     | 25  | 18   | 0      | 50     | 0.3       | 3       | 0.89  | 88.1      | 20.7043 | 16.2129 |
| 2009 | 6     | 25  | 18   | 10     | 50     | 0.3       | 3       | 0.92  | 88.2      | 20.7043 | 16.6351 |
| 2009 | 6     | 25  | 18   | 20     | 50     | 0.3       | 3       | 0.91  | 91        | 20.7043 | 16.5747 |
| 2009 | 6     | 25  | 18   | 30     | 50     | 0.3       | 3       | 0.92  | 90.4      | 20.7043 | 16.6351 |
| 2009 | 6     | 25  | 18   | 40     | 50     | 0.3       | 3       | 0.93  | 88.2      | 20.7043 | 16.8764 |
| 2009 | 6     | 25  | 18   | 50     | 50     | 0.3       | 3       | 0.95  | 90        | 20.7272 | 17.2578 |
| 2009 | 6     | 25  | 19   | 0      | 50     | 0.3       | 3       | 0.9   | 90        | 20.7043 | 16.3335 |
| 2009 | 6     | 25  | 19   | 10     | 50     | 0.3       | 3       | 0.9   | 91        | 20.7043 | 16.3335 |
| 2009 | 6     | 25  | 19   | 20     | 50     | 0.3       | 3       | 0.9   | 94.4      | 20.7043 | 16.2732 |
| 2009 | 6     | 25  | 19   | 30     | 50     | 0.3       | 3       | 0.93  | 91.2      | 20.7043 | 16.8764 |
| 2009 | 6     | 25  | 19   | 40     | 50     | 0.3       | 3       | 0.93  | 90.4      | 20.7272 | 16.9557 |
| 2009 | 6     | 25  | 19   | 50     | 50     | 0.3       | 3       | 0.89  | 91.5      | 20.7272 | 16.2311 |
| 2009 | 6     | 25  | 20   | 0      | 50     | 0.3       | 3       | 0.91  | 91.6      | 20.7043 | 16.5747 |
| 2009 | 6     | 25  | 20   | 10     | 50     | 0.3       | 3       | 0.94  | 92.4      | 20.7043 | 17.1177 |
| 2009 | 6     | 25  | 20   | 20     | 50     | 0.3       | 3       | 0.94  | 90.6      | 20.7043 | 17.178  |
| 2009 | 6     | 25  | 20   | 30     | 50     | 0.3       | 3       | 0.91  | 92.3      | 20.7272 | 16.5934 |
| 2009 | 6     | 25  | 20   | 40     | 50     | 0.3       | 3       | 0.94  | 91.8      | 20.7272 | 17.0766 |
| 2009 | 6     | 25  | 20   | 50     | 50     | 0.3       | 3       | 0.94  | 92.8      | 20.7272 | 17.0766 |
| 2009 | 6     | 25  | 21   | 0      | 50     | 0.3       | 3       | 0.92  | 91.8      | 20.7272 | 16.6538 |
| 2009 | 6     | 25  | 21   | 10     | 50     | 0.3       | 3       | 0.93  | 92        | 20.7272 | 16.835  |
| 2009 | 6     | 25  | 21   | 20     | 50     | 0.3       | 3       | 0.94  | 89.6      | 20.7272 | 17.137  |
| 2009 | 6     | 25  | 21   | 30     | 50     | 0.3       | 3       | 0.9   | 90        | 20.7272 | 16.4122 |
| 2009 | 6     | 25  | 21   | 40     | 50     | 0.3       | 3       | 0.92  | 93.7      | 20.7272 | 16.7142 |
| 2009 | 6     | 25  | 21   | 50     | 50     | 0.3       | 3       | 0.93  | 92.8      | 20.7272 | 16.835  |
| 2009 | 6     | 25  | 22   | 0      | 50     | 0.3       | 3       | 0.91  | 92.5      | 20.7272 | 16.4726 |
| 2009 | 6     | 25  | 22   | 10     | 50     | 0.3       | 3       | 0.91  | 93.3      | 20.7272 | 16.4726 |
| 2009 | 6     | 25  | 22   | 20     | 50     | 0.3       | 3       | 0.94  | 91.8      | 20.7272 | 17.0161 |
| 2009 | 6     | 25  | 22   | 30     | 50     | 0.3       | 3       | 0.93  | 91.8      | 20.7272 | 16.9557 |
| 2009 | 6     | 25  | 22   | 40     | 50     | 0.3       | 3       | 0.92  | 91.8      | 20.7502 | 16.7934 |
| 2009 | 6     | 25  | 22   | 50     | 50     | 0.3       | 3       | 0.96  | 91.6      | 20.7502 | 17.3981 |
| 2009 | 6     | 25  | 23   | 0      | 50     | 0.3       | 3       | 0.89  | 91.5      | 20.7502 | 16.1889 |
| 2009 | 6     | 25  | 23   | 10     | 50     | 0.3       | 3       | 0.93  | 90        | 20.7502 | 16.9748 |
| 2009 | 6     | 25  | 23   | 20     | 50     | 0.3       | 3       | 0.94  | 93.6      | 20.7731 | 17.1149 |
| 2009 | 6     | 25  | 23   | 30     | 50     | 0.3       | 3       | 0.95  | 89.2      | 20.7731 | 17.2966 |
| 2009 | 6     | 25  | 23   | 40     | 50     | 0.3       | 3       | 0.92  | 90.8      | 20.7731 | 16.8123 |
| 2009 | 6     | 25  | 23   | 50     | 50     | 0.3       | 3       | 0.92  | 93.3      | 20.7731 | 16.8123 |
| 2009 | 6     | 26  | 0    | 0      | 50     | 0.3       | 3       | 0.92  | 92.2      | 20.796  | 16.7705 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 26  | 0    | 10     | 50     | 0.3       | 3       | 0.96  | 92.2      | 20.796  | 17.4372 |
| 2009 | 6     | 26  | 0    | 20     | 50     | 0.3       | 3       | 0.91  | 91        | 20.8189 | 16.668  |
| 2009 | 6     | 26  | 0    | 30     | 50     | 0.3       | 3.3     | 0.93  | 93        | 20.8418 | 17.051  |
| 2009 | 6     | 26  | 0    | 40     | 50     | 0.3       | 3.3     | 0.9   | 91.9      | 20.8418 | 16.5045 |
| 2009 | 6     | 26  | 0    | 50     | 50     | 0.3       | 3.3     | 0.93  | 90.8      | 20.8648 | 16.9484 |
| 2009 | 6     | 26  | 1    | 0      | 50     | 0.3       | 3.3     | 0.97  | 91.7      | 20.8648 | 17.7391 |
| 2009 | 6     | 26  | 1    | 10     | 50     | 0.3       | 3.3     | 0.91  | 92.3      | 20.8877 | 16.7239 |
| 2009 | 6     | 26  | 1    | 20     | 50     | 0.3       | 3.3     | 0.9   | 90.4      | 20.8877 | 16.5413 |
| 2009 | 6     | 26  | 1    | 30     | 50     | 0.3       | 3.3     | 0.93  | 91        | 20.8877 | 16.9674 |
| 2009 | 6     | 26  | 1    | 40     | 50     | 0.3       | 3.3     | 0.93  | 90.8      | 20.9106 | 17.1082 |
| 2009 | 6     | 26  | 1    | 50     | 50     | 0.3       | 3.3     | 0.94  | 91        | 20.9106 | 17.291  |
| 2009 | 6     | 26  | 2    | 0      | 50     | 0.3       | 3.3     | 0.91  | 90        | 20.9106 | 16.6816 |
| 2009 | 6     | 26  | 2    | 10     | 50     | 0.3       | 3.3     | 0.89  | 92.1      | 20.9335 | 16.2733 |
| 2009 | 6     | 26  | 2    | 20     | 50     | 0.3       | 3.3     | 0.93  | 94.7      | 20.9335 | 17.0052 |
| 2009 | 6     | 26  | 2    | 30     | 50     | 0.3       | 3.3     | 0.95  | 91.8      | 20.9335 | 17.4323 |
| 2009 | 6     | 26  | 2    | 40     | 50     | 0.3       | 3.3     | 0.92  | 91        | 20.9335 | 16.8832 |
| 2009 | 6     | 26  | 2    | 50     | 50     | 0.3       | 3.3     | 0.93  | 91.8      | 20.9335 | 17.1272 |
| 2009 | 6     | 26  | 3    | 0      | 50     | 0.3       | 3.3     | 0.97  | 90.8      | 20.9335 | 17.9206 |
| 2009 | 6     | 26  | 3    | 10     | 50     | 0.3       | 3.3     | 0.93  | 93.8      | 20.9564 | 17.0852 |
| 2009 | 6     | 26  | 3    | 20     | 50     | 0.3       | 3.3     | 0.94  | 91        | 20.9564 | 17.3295 |
| 2009 | 6     | 26  | 3    | 30     | 50     | 0.3       | 3.3     | 0.96  | 92.9      | 20.9564 | 17.635  |
| 2009 | 6     | 26  | 3    | 40     | 50     | 0.3       | 3.3     | 0.91  | 93.9      | 20.9564 | 16.7188 |
| 2009 | 6     | 26  | 3    | 50     | 50     | 0.3       | 3.3     | 0.96  | 92.4      | 20.9564 | 17.635  |
| 2009 | 6     | 26  | 4    | 0      | 50     | 0.3       | 3.3     | 0.92  | 93.7      | 20.9564 | 16.963  |
| 2009 | 6     | 26  | 4    | 10     | 50     | 0.3       | 3.3     | 0.93  | 88.4      | 20.9793 | 17.1042 |
| 2009 | 6     | 26  | 4    | 20     | 50     | 0.3       | 3.3     | 0.94  | 90.4      | 20.9793 | 17.3488 |
| 2009 | 6     | 26  | 4    | 30     | 50     | 0.3       | 3.3     | 0.96  | 90.4      | 20.9793 | 17.6546 |
| 2009 | 6     | 26  | 4    | 40     | 50     | 0.3       | 3.3     | 0.95  | 91.8      | 20.9793 | 17.4099 |
| 2009 | 6     | 26  | 4    | 50     | 50     | 0.3       | 3.3     | 0.94  | 91.8      | 20.9793 | 17.2876 |
| 2009 | 6     | 26  | 5    | 0      | 50     | 0.3       | 3.3     | 0.95  | 92.8      | 21.0022 | 17.4905 |
| 2009 | 6     | 26  | 5    | 10     | 50     | 0.3       | 3.3     | 0.94  | 91        | 21.0022 | 17.2456 |
| 2009 | 6     | 26  | 5    | 20     | 50     | 0.3       | 3.3     | 0.94  | 88.8      | 21.0251 | 17.326  |
| 2009 | 6     | 26  | 5    | 30     | 50     | 0.3       | 3.3     | 0.95  | 92.4      | 21.048  | 17.5906 |
| 2009 | 6     | 26  | 5    | 40     | 50     | 0.3       | 3.3     | 0.93  | 91.6      | 21.0938 | 17.2605 |
| 2009 | 6     | 26  | 5    | 50     | 50     | 0.3       | 3.3     | 0.97  | 89.4      | 21.1167 | 18.0184 |
| 2009 | 6     | 26  | 6    | 0      | 50     | 0.3       | 3.3     | 0.94  | 93        | 21.1167 | 17.3411 |
| 2009 | 6     | 26  | 6    | 10     | 50     | 0.3       | 3.3     | 0.96  | 89.8      | 21.1167 | 17.7721 |
| 2009 | 6     | 26  | 6    | 20     | 50     | 0.3       | 3.3     | 0.95  | 91.6      | 21.1396 | 17.6068 |
| 2009 | 6     | 26  | 6    | 30     | 50     | 0.3       | 3.3     | 0.94  | 90        | 21.1396 | 17.4219 |
| 2009 | 6     | 26  | 6    | 40     | 50     | 0.3       | 3.3     | 0.95  | 91        | 21.1396 | 17.6684 |
| 2009 | 6     | 26  | 6    | 50     | 50     | 0.3       | 3.3     | 0.94  | 90        | 21.1625 | 17.5027 |
| 2009 | 6     | 26  | 7    | 0      | 50     | 0.3       | 3.3     | 0.92  | 90.8      | 21.1625 | 17.1326 |
| 2009 | 6     | 26  | 7    | 10     | 50     | 0.3       | 3.3     | 0.94  | 92.6      | 21.1625 | 17.5027 |
| 2009 | 6     | 26  | 7    | 20     | 50     | 0.3       | 3.3     | 0.94  | 92.8      | 21.1625 | 17.5027 |
| 2009 | 6     | 26  | 7    | 30     | 50     | 0.3       | 3.3     | 0.95  | 92.2      | 21.1854 | 17.6455 |
| 2009 | 6     | 26  | 7    | 40     | 50     | 0.3       | 3.3     | 0.95  | 93.2      | 21.1854 | 17.7073 |
| 2009 | 6     | 26  | 7    | 50     | 50     | 0.3       | 3.3     | 0.92  | 90.8      | 21.1854 | 17.1514 |
| 2009 | 6     | 26  | 8    | 0      | 50     | 0.3       | 3.3     | 0.92  | 92.5      | 21.1854 | 17.0897 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 26  | 8    | 10     | 50     | 0.3       | 3.3     | 0.95  | 91        | 21.1854 | 17.7073 |
| 2009 | 6     | 26  | 8    | 20     | 50     | 0.3       | 3.3     | 0.94  | 91        | 21.1854 | 17.3985 |
| 2009 | 6     | 26  | 8    | 30     | 50     | 0.3       | 3.3     | 0.95  | 94.4      | 21.2083 | 17.6031 |
| 2009 | 6     | 26  | 8    | 40     | 50     | 0.3       | 3.3     | 0.94  | 93.6      | 21.2083 | 17.5412 |
| 2009 | 6     | 26  | 8    | 50     | 50     | 0.3       | 3.3     | 1     | 92.5      | 21.2083 | 18.5309 |
| 2009 | 6     | 26  | 9    | 0      | 50     | 0.3       | 3.3     | 0.96  | 91.6      | 21.2312 | 17.8081 |
| 2009 | 6     | 26  | 9    | 10     | 50     | 0.3       | 3.3     | 0.95  | 89.4      | 21.2312 | 17.6843 |
| 2009 | 6     | 26  | 9    | 20     | 50     | 0.3       | 3.3     | 0.97  | 91        | 21.2312 | 18.1177 |
| 2009 | 6     | 26  | 9    | 30     | 50     | 0.3       | 3.3     | 0.97  | 91.8      | 21.2312 | 17.9938 |
| 2009 | 6     | 26  | 9    | 40     | 50     | 0.3       | 3.3     | 0.96  | 91.2      | 21.2312 | 17.9938 |
| 2009 | 6     | 26  | 9    | 50     | 50     | 0.3       | 3.3     | 0.97  | 91.4      | 21.2541 | 18.0755 |
| 2009 | 6     | 26  | 10   | 0      | 50     | 0.3       | 3.3     | 0.97  | 90.8      | 21.2541 | 18.1995 |
| 2009 | 6     | 26  | 10   | 10     | 50     | 0.3       | 3.3     | 0.97  | 91.9      | 21.2541 | 18.1995 |
| 2009 | 6     | 26  | 10   | 20     | 50     | 0.3       | 3.3     | 0.96  | 92.2      | 21.2541 | 17.8276 |
| 2009 | 6     | 26  | 10   | 30     | 50     | 0.3       | 3.3     | 0.96  | 91.2      | 21.277  | 18.0333 |
| 2009 | 6     | 26  | 10   | 40     | 50     | 0.3       | 3.3     | 0.98  | 92.9      | 21.277  | 18.2815 |
| 2009 | 6     | 26  | 10   | 50     | 50     | 0.3       | 3.3     | 0.97  | 92.9      | 21.277  | 18.0953 |
| 2009 | 6     | 26  | 11   | 0      | 50     | 0.3       | 3.3     | 0.99  | 91.3      | 21.2999 | 18.55   |
| 2009 | 6     | 26  | 11   | 10     | 50     | 0.3       | 3.3     | 0.98  | 91.3      | 21.2999 | 18.4257 |
| 2009 | 6     | 26  | 11   | 20     | 50     | 0.3       | 3.3     | 0.95  | 88.4      | 21.2999 | 17.8045 |
| 2009 | 6     | 26  | 11   | 30     | 50     | 0.3       | 3.3     | 1.02  | 91.3      | 21.2999 | 19.1715 |
| 2009 | 6     | 26  | 11   | 40     | 50     | 0.3       | 3.3     | 0.94  | 90.8      | 21.3228 | 17.6996 |
| 2009 | 6     | 26  | 11   | 50     | 50     | 0.3       | 3.3     | 0.98  | 91        | 21.3228 | 18.3837 |
| 2009 | 6     | 26  | 12   | 0      | 50     | 0.3       | 3.3     | 0.96  | 92.7      | 21.3228 | 18.0105 |
| 2009 | 6     | 26  | 12   | 10     | 50     | 0.3       | 3.3     | 0.94  | 89.4      | 21.3228 | 17.6374 |
| 2009 | 6     | 26  | 12   | 20     | 50     | 0.3       | 3.3     | 0.97  | 90.4      | 21.3228 | 18.1971 |
| 2009 | 6     | 26  | 12   | 30     | 50     | 0.3       | 3.3     | 0.99  | 91.9      | 21.3456 | 18.6528 |
| 2009 | 6     | 26  | 12   | 40     | 50     | 0.3       | 3.3     | 0.98  | 90.2      | 21.3456 | 18.3414 |
| 2009 | 6     | 26  | 12   | 50     | 50     | 0.3       | 3.3     | 0.97  | 90.6      | 21.3456 | 18.2792 |
| 2009 | 6     | 26  | 13   | 0      | 50     | 0.3       | 3.3     | 0.97  | 91.2      | 21.3685 | 18.2991 |
| 2009 | 6     | 26  | 13   | 10     | 50     | 0.3       | 3.3     | 1     | 90.6      | 21.3685 | 18.7978 |
| 2009 | 6     | 26  | 13   | 20     | 50     | 0.3       | 3.3     | 0.97  | 91        | 21.3685 | 18.2368 |
| 2009 | 6     | 26  | 13   | 30     | 50     | 0.3       | 3.3     | 1.01  | 90.9      | 21.3685 | 18.9225 |
| 2009 | 6     | 26  | 13   | 40     | 50     | 0.3       | 3.3     | 0.97  | 88.3      | 21.3685 | 18.2991 |
| 2009 | 6     | 26  | 13   | 50     | 50     | 0.3       | 3.3     | 0.98  | 89.4      | 21.3914 | 18.3814 |
| 2009 | 6     | 26  | 14   | 0      | 50     | 0.3       | 3.3     | 0.97  | 92.1      | 21.3914 | 18.1942 |
| 2009 | 6     | 26  | 14   | 10     | 50     | 0.3       | 3.3     | 0.98  | 91.1      | 21.4143 | 18.4639 |
| 2009 | 6     | 26  | 14   | 20     | 50     | 0.3       | 3.3     | 0.99  | 91.7      | 21.4143 | 18.7138 |
| 2009 | 6     | 26  | 14   | 30     | 50     | 0.3       | 3.3     | 0.98  | 91        | 21.4143 | 18.4639 |
| 2009 | 6     | 26  | 14   | 40     | 50     | 0.3       | 3.3     | 0.98  | 90.8      | 21.4371 | 18.4214 |
| 2009 | 6     | 26  | 14   | 50     | 50     | 0.3       | 3.3     | 0.98  | 90.4      | 21.4143 | 18.4014 |
| 2009 | 6     | 26  | 15   | 0      | 50     | 0.3       | 3.3     | 1.01  | 90        | 21.4371 | 19.1094 |
| 2009 | 6     | 26  | 15   | 10     | 50     | 0.3       | 3.3     | 0.97  | 91.5      | 21.46   | 18.3787 |
| 2009 | 6     | 26  | 15   | 20     | 50     | 0.3       | 3.3     | 0.98  | 90.4      | 21.46   | 18.5666 |
| 2009 | 6     | 26  | 15   | 30     | 50     | 0.3       | 3.3     | 1.01  | 90.9      | 21.4829 | 19.0882 |
| 2009 | 6     | 26  | 15   | 40     | 50     | 0.3       | 3.3     | 0.98  | 91.9      | 21.4829 | 18.5867 |
| 2009 | 6     | 26  | 15   | 50     | 50     | 0.3       | 3.3     | 0.97  | 91.2      | 21.4829 | 18.3986 |
| 2009 | 6     | 26  | 16   | 0      | 50     | 0.3       | 3.3     | 0.96  | 91        | 21.4829 | 18.148  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 26  | 16   | 10     | 50     | 0.3       | 3.3     | 0.97  | 91.2      | 21.5058 | 18.4185 |
| 2009 | 6     | 26  | 16   | 20     | 50     | 0.3       | 3.3     | 1     | 90.2      | 21.5058 | 18.8578 |
| 2009 | 6     | 26  | 16   | 30     | 50     | 0.3       | 3.3     | 0.98  | 90.6      | 21.5058 | 18.6068 |
| 2009 | 6     | 26  | 16   | 40     | 50     | 0.3       | 3.3     | 0.98  | 90.8      | 21.5286 | 18.5641 |
| 2009 | 6     | 26  | 16   | 50     | 50     | 0.3       | 3.3     | 0.96  | 90.2      | 21.5286 | 18.25   |
| 2009 | 6     | 26  | 17   | 0      | 50     | 0.3       | 3.3     | 0.98  | 91.7      | 21.5286 | 18.5013 |
| 2009 | 6     | 26  | 17   | 10     | 50     | 0.3       | 3.3     | 1.01  | 90.9      | 21.5286 | 19.1295 |
| 2009 | 6     | 26  | 17   | 20     | 50     | 0.3       | 3.3     | 0.98  | 89        | 21.5515 | 18.5841 |
| 2009 | 6     | 26  | 17   | 30     | 50     | 0.3       | 3.3     | 0.97  | 90        | 21.5515 | 18.3326 |
| 2009 | 6     | 26  | 17   | 40     | 50     | 0.3       | 3.3     | 0.99  | 91.3      | 21.5515 | 18.8356 |
| 2009 | 6     | 26  | 17   | 50     | 50     | 0.3       | 3.3     | 0.98  | 91        | 21.5515 | 18.5841 |
| 2009 | 6     | 26  | 18   | 0      | 50     | 0.3       | 3.3     | 0.99  | 91.7      | 21.5515 | 18.7099 |
| 2009 | 6     | 26  | 18   | 10     | 50     | 0.3       | 3.3     | 0.97  | 91.2      | 21.5515 | 18.4584 |
| 2009 | 6     | 26  | 18   | 20     | 50     | 0.3       | 3.3     | 1.01  | 92.6      | 21.5515 | 19.0872 |
| 2009 | 6     | 26  | 18   | 30     | 50     | 0.3       | 3.3     | 0.99  | 92.7      | 21.5515 | 18.7728 |
| 2009 | 6     | 26  | 18   | 40     | 50     | 0.3       | 3.3     | 0.98  | 90.8      | 21.5743 | 18.6671 |
| 2009 | 6     | 26  | 18   | 50     | 50     | 0.3       | 3.3     | 1.01  | 91.3      | 21.5743 | 19.2337 |
| 2009 | 6     | 26  | 19   | 0      | 50     | 0.3       | 3.3     | 0.98  | 91.7      | 21.5743 | 18.5412 |
| 2009 | 6     | 26  | 19   | 10     | 50     | 0.3       | 3.3     | 1     | 90.8      | 21.5743 | 18.9819 |
| 2009 | 6     | 26  | 19   | 20     | 50     | 0.3       | 3.3     | 1.03  | 91.8      | 21.5743 | 19.5486 |
| 2009 | 6     | 26  | 19   | 30     | 50     | 0.3       | 3.3     | 1.01  | 91.1      | 21.5743 | 19.1708 |
| 2009 | 6     | 26  | 19   | 40     | 50     | 0.3       | 3.3     | 0.99  | 91        | 21.5743 | 18.73   |
| 2009 | 6     | 26  | 19   | 50     | 50     | 0.3       | 3.3     | 1.02  | 92.4      | 21.5743 | 19.2967 |
| 2009 | 6     | 26  | 20   | 0      | 50     | 0.3       | 3.3     | 1.02  | 90        | 21.5972 | 19.4436 |
| 2009 | 6     | 26  | 20   | 10     | 50     | 0.3       | 3.3     | 1.01  | 91.7      | 21.5972 | 19.1284 |
| 2009 | 6     | 26  | 20   | 20     | 50     | 0.3       | 3.3     | 0.97  | 91.5      | 21.5972 | 18.4982 |
| 2009 | 6     | 26  | 20   | 30     | 50     | 0.3       | 3.3     | 1     | 92.3      | 21.5972 | 18.9393 |
| 2009 | 6     | 26  | 20   | 40     | 50     | 0.3       | 3.3     | 1.01  | 91.3      | 21.5972 | 19.1284 |
| 2009 | 6     | 26  | 20   | 50     | 50     | 0.3       | 3.3     | 0.99  | 91.1      | 21.6201 | 18.8966 |
| 2009 | 6     | 26  | 21   | 0      | 50     | 0.3       | 3.3     | 1.03  | 90.5      | 21.6201 | 19.5276 |
| 2009 | 6     | 26  | 21   | 10     | 50     | 0.3       | 3.3     | 1.02  | 92.2      | 21.6201 | 19.4014 |
| 2009 | 6     | 26  | 21   | 20     | 50     | 0.3       | 3.3     | 1.02  | 90.7      | 21.6429 | 19.4222 |
| 2009 | 6     | 26  | 21   | 30     | 50     | 0.3       | 3.3     | 1.01  | 93        | 21.6429 | 19.2327 |
| 2009 | 6     | 26  | 21   | 40     | 50     | 0.3       | 3.3     | 0.99  | 90.2      | 21.6886 | 18.8309 |
| 2009 | 6     | 26  | 21   | 50     | 50     | 0.3       | 3.3     | 1     | 91.3      | 21.6886 | 19.1474 |
| 2009 | 6     | 26  | 22   | 0      | 50     | 0.3       | 3.3     | 1.04  | 92.3      | 21.7343 | 19.9504 |
| 2009 | 6     | 26  | 22   | 10     | 50     | 0.3       | 3.3     | 1.02  | 90.7      | 21.7343 | 19.4427 |
| 2009 | 6     | 26  | 22   | 20     | 50     | 0.3       | 3.3     | 1.02  | 93.3      | 21.7343 | 19.5062 |
| 2009 | 6     | 26  | 22   | 30     | 50     | 0.3       | 3.3     | 0.99  | 93.4      | 21.7572 | 18.9557 |
| 2009 | 6     | 26  | 22   | 40     | 50     | 0.3       | 3.3     | 1.03  | 90.4      | 21.7572 | 19.7179 |
| 2009 | 6     | 26  | 22   | 50     | 50     | 0.3       | 3.3     | 0.98  | 93.1      | 21.7572 | 18.7017 |
| 2009 | 6     | 26  | 23   | 0      | 50     | 0.3       | 3.3     | 1.03  | 89.3      | 21.7572 | 19.6543 |
| 2009 | 6     | 26  | 23   | 10     | 50     | 0.3       | 3.3     | 1.01  | 91.7      | 21.78   | 19.2941 |
| 2009 | 6     | 26  | 23   | 20     | 50     | 0.3       | 3.3     | 1.03  | 90        | 21.78   | 19.6756 |
| 2009 | 6     | 26  | 23   | 30     | 50     | 0.3       | 3.3     | 1.01  | 90.7      | 21.78   | 19.4212 |
| 2009 | 6     | 26  | 23   | 40     | 50     | 0.3       | 3.3     | 1.01  | 93.9      | 21.78   | 19.2305 |
| 2009 | 6     | 26  | 23   | 50     | 50     | 0.3       | 3.3     | 1.02  | 91.7      | 21.8029 | 19.5059 |
| 2009 | 6     | 27  | 0    | 0      | 50     | 0.3       | 3.3     | 1.01  | 90.9      | 21.78   | 19.3577 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 27  | 0    | 10     | 50     | 0.3       | 3.3     | 1     | 92.4      | 21.8029 | 19.2513 |
| 2009 | 6     | 27  | 0    | 20     | 50     | 0.3       | 3.3     | 1     | 90.8      | 21.8029 | 19.1876 |
| 2009 | 6     | 27  | 0    | 30     | 50     | 0.3       | 3.3     | 1.02  | 91.8      | 21.8029 | 19.6332 |
| 2009 | 6     | 27  | 0    | 40     | 50     | 0.3       | 3.3     | 0.99  | 92.1      | 21.8029 | 19.0603 |
| 2009 | 6     | 27  | 0    | 50     | 50     | 0.3       | 3.3     | 0.98  | 93.1      | 21.8029 | 18.7422 |
| 2009 | 6     | 27  | 1    | 0      | 50     | 0.3       | 3.3     | 1.02  | 92.4      | 21.8029 | 19.5695 |
| 2009 | 6     | 27  | 1    | 10     | 50     | 0.3       | 3.3     | 1.03  | 90        | 21.8257 | 19.7818 |
| 2009 | 6     | 27  | 1    | 20     | 50     | 0.3       | 3.3     | 1.05  | 92        | 21.8257 | 20.1005 |
| 2009 | 6     | 27  | 1    | 30     | 50     | 0.3       | 3.3     | 1     | 91.3      | 21.8257 | 19.1446 |
| 2009 | 6     | 27  | 1    | 40     | 50     | 0.3       | 3.3     | 1.01  | 91.7      | 21.8257 | 19.4632 |
| 2009 | 6     | 27  | 1    | 50     | 50     | 0.3       | 3.3     | 1.01  | 91.3      | 21.8257 | 19.4632 |
| 2009 | 6     | 27  | 2    | 0      | 50     | 0.3       | 3.3     | 1.05  | 90.7      | 21.8257 | 20.228  |
| 2009 | 6     | 27  | 2    | 10     | 50     | 0.3       | 3.3     | 1.01  | 91.7      | 21.8485 | 19.4842 |
| 2009 | 6     | 27  | 2    | 20     | 50     | 0.3       | 3.3     | 1.01  | 91.7      | 21.8485 | 19.4204 |
| 2009 | 6     | 27  | 2    | 30     | 50     | 0.3       | 3.3     | 1.01  | 91.7      | 21.8485 | 19.4204 |
| 2009 | 6     | 27  | 2    | 40     | 50     | 0.3       | 3.3     | 1     | 91.5      | 21.8714 | 19.1859 |
| 2009 | 6     | 27  | 2    | 50     | 50     | 0.3       | 3.3     | 1.04  | 90.9      | 21.8714 | 20.0161 |
| 2009 | 6     | 27  | 3    | 0      | 50     | 0.3       | 3.3     | 1.04  | 91.8      | 21.8942 | 20.1016 |
| 2009 | 6     | 27  | 3    | 10     | 50     | 0.3       | 3.3     | 1.06  | 92.3      | 21.917  | 20.5073 |
| 2009 | 6     | 27  | 3    | 20     | 50     | 0.3       | 3.3     | 1.04  | 91.3      | 21.9398 | 20.1447 |
| 2009 | 6     | 27  | 3    | 30     | 50     | 0.3       | 3.3     | 1.04  | 92.3      | 21.9398 | 20.1447 |
| 2009 | 6     | 27  | 3    | 40     | 50     | 0.3       | 3.3     | 1.02  | 92.4      | 21.9627 | 19.7173 |
| 2009 | 6     | 27  | 3    | 50     | 50     | 0.3       | 3.3     | 1.03  | 93.3      | 21.9855 | 19.9311 |
| 2009 | 6     | 27  | 4    | 0      | 50     | 0.3       | 3.3     | 1.03  | 93.1      | 21.9855 | 19.8026 |
| 2009 | 6     | 27  | 4    | 10     | 50     | 0.3       | 3.3     | 1.01  | 90        | 21.9855 | 19.61   |
| 2009 | 6     | 27  | 4    | 20     | 50     | 0.3       | 3.3     | 1     | 93.2      | 21.9855 | 19.2249 |
| 2009 | 6     | 27  | 4    | 30     | 50     | 0.3       | 3.3     | 1.03  | 92.7      | 22.0083 | 19.8881 |
| 2009 | 6     | 27  | 4    | 40     | 50     | 0.3       | 3.3     | 0.99  | 92.1      | 22.0083 | 19.1812 |
| 2009 | 6     | 27  | 4    | 50     | 50     | 0.3       | 3.3     | 1.03  | 92.7      | 22.0083 | 19.8881 |
| 2009 | 6     | 27  | 5    | 0      | 50     | 0.3       | 3.3     | 1.02  | 90.7      | 22.0083 | 19.6953 |
| 2009 | 6     | 27  | 5    | 10     | 50     | 0.3       | 3.3     | 1.01  | 91.1      | 22.0083 | 19.5025 |
| 2009 | 6     | 27  | 5    | 20     | 50     | 0.3       | 3.3     | 1.03  | 94.2      | 22.0083 | 19.9524 |
| 2009 | 6     | 27  | 5    | 30     | 50     | 0.3       | 3.3     | 1.02  | 92.2      | 22.0083 | 19.6953 |
| 2009 | 6     | 27  | 5    | 40     | 50     | 0.3       | 3.3     | 1.05  | 91.2      | 22.0311 | 20.4242 |
| 2009 | 6     | 27  | 5    | 50     | 50     | 0.3       | 3.3     | 1.04  | 90        | 22.0311 | 20.1024 |
| 2009 | 6     | 27  | 6    | 0      | 50     | 0.3       | 3.3     | 1.02  | 92        | 22.0311 | 19.845  |
| 2009 | 6     | 27  | 6    | 10     | 50     | 0.3       | 3.3     | 1.03  | 92.2      | 22.0311 | 19.9737 |
| 2009 | 6     | 27  | 6    | 20     | 50     | 0.3       | 3.3     | 1.02  | 92        | 22.0311 | 19.7163 |
| 2009 | 6     | 27  | 6    | 30     | 50     | 0.3       | 3.3     | 1.03  | 92.4      | 22.0311 | 19.9737 |
| 2009 | 6     | 27  | 6    | 40     | 50     | 0.3       | 3.3     | 1.02  | 91.1      | 22.0539 | 19.8662 |
| 2009 | 6     | 27  | 6    | 50     | 50     | 0.3       | 3.3     | 1.07  | 92.1      | 22.0539 | 20.7682 |
| 2009 | 6     | 27  | 7    | 0      | 50     | 0.3       | 3.3     | 1.05  | 90.2      | 22.0539 | 20.3815 |
| 2009 | 6     | 27  | 7    | 10     | 50     | 0.3       | 3.3     | 1.06  | 91.1      | 22.0539 | 20.5748 |
| 2009 | 6     | 27  | 7    | 20     | 50     | 0.3       | 3.3     | 1.06  | 94.1      | 22.0768 | 20.4678 |
| 2009 | 6     | 27  | 7    | 30     | 50     | 0.3       | 3.3     | 1.05  | 92        | 22.0768 | 20.3388 |
| 2009 | 6     | 27  | 7    | 40     | 50     | 0.3       | 3.3     | 1.01  | 92.4      | 22.0768 | 19.6939 |
| 2009 | 6     | 27  | 7    | 50     | 50     | 0.3       | 3.3     | 1.02  | 90.7      | 22.0996 | 19.9085 |
| 2009 | 6     | 27  | 8    | 0      | 50     | 0.3       | 3.3     | 1.06  | 91.6      | 22.0996 | 20.5541 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 27  | 8    | 10     | 50     | 0.3       | 3.3     | 1.06  | 92.5      | 22.1224 | 20.6406 |
| 2009 | 6     | 27  | 8    | 20     | 50     | 0.3       | 3.3     | 1.03  | 92.7      | 22.1452 | 20.0802 |
| 2009 | 6     | 27  | 8    | 30     | 50     | 0.3       | 3.3     | 1.08  | 91.7      | 22.1452 | 21.0508 |
| 2009 | 6     | 27  | 8    | 40     | 50     | 0.3       | 3.3     | 1.02  | 90        | 22.168  | 19.9073 |
| 2009 | 6     | 27  | 8    | 50     | 50     | 0.3       | 3.3     | 1.04  | 94        | 22.168  | 20.231  |
| 2009 | 6     | 27  | 9    | 0      | 50     | 0.3       | 3.3     | 1.08  | 90        | 22.1908 | 21.1604 |
| 2009 | 6     | 27  | 9    | 10     | 50     | 0.3       | 3.3     | 1.05  | 90.7      | 22.1908 | 20.447  |
| 2009 | 6     | 27  | 9    | 20     | 50     | 0.3       | 3.3     | 1.06  | 92.1      | 22.1908 | 20.7712 |
| 2009 | 6     | 27  | 9    | 30     | 50     | 0.3       | 3.3     | 1.03  | 92.5      | 22.1908 | 20.1877 |
| 2009 | 6     | 27  | 9    | 40     | 50     | 0.3       | 3.3     | 1.06  | 91.4      | 22.2136 | 20.6634 |
| 2009 | 6     | 27  | 9    | 50     | 50     | 0.3       | 3.3     | 1.06  | 91.1      | 22.2136 | 20.6634 |
| 2009 | 6     | 27  | 10   | 0      | 50     | 0.3       | 3.3     | 1.05  | 91.6      | 22.2136 | 20.5336 |
| 2009 | 6     | 27  | 10   | 10     | 50     | 0.3       | 3.3     | 1.05  | 91.1      | 22.2136 | 20.5336 |
| 2009 | 6     | 27  | 10   | 20     | 50     | 0.3       | 3.3     | 1.03  | 93.1      | 22.2136 | 20.0792 |
| 2009 | 6     | 27  | 10   | 30     | 50     | 0.3       | 3.3     | 1.05  | 91.8      | 22.2364 | 20.6202 |
| 2009 | 6     | 27  | 10   | 40     | 50     | 0.3       | 3.3     | 1.08  | 93.1      | 22.2364 | 21.0752 |
| 2009 | 6     | 27  | 10   | 50     | 50     | 0.3       | 3.3     | 1.07  | 93        | 22.2364 | 20.8802 |
| 2009 | 6     | 27  | 11   | 0      | 50     | 0.3       | 3.3     | 1.03  | 90.9      | 22.2364 | 20.2304 |
| 2009 | 6     | 27  | 11   | 10     | 50     | 0.3       | 3.3     | 1.03  | 91.6      | 22.2592 | 20.2518 |
| 2009 | 6     | 27  | 11   | 20     | 50     | 0.3       | 3.3     | 1.02  | 92.9      | 22.2592 | 19.9916 |
| 2009 | 6     | 27  | 11   | 30     | 50     | 0.3       | 3.3     | 1.05  | 92.7      | 22.2364 | 20.5553 |
| 2009 | 6     | 27  | 11   | 40     | 50     | 0.3       | 3.3     | 1.04  | 91.3      | 22.2592 | 20.4469 |
| 2009 | 6     | 27  | 11   | 50     | 50     | 0.3       | 3.3     | 1.05  | 91.1      | 22.2592 | 20.642  |
| 2009 | 6     | 27  | 12   | 0      | 50     | 0.3       | 3.3     | 1.09  | 90.9      | 22.2592 | 21.4228 |
| 2009 | 6     | 27  | 12   | 10     | 50     | 0.3       | 3.3     | 1.04  | 92.3      | 22.2592 | 20.4469 |
| 2009 | 6     | 27  | 12   | 20     | 50     | 0.3       | 3.3     | 1.04  | 91.1      | 22.282  | 20.3382 |
| 2009 | 6     | 27  | 12   | 30     | 50     | 0.3       | 3.3     | 1.04  | 90.7      | 22.282  | 20.4685 |
| 2009 | 6     | 27  | 12   | 40     | 50     | 0.3       | 3.3     | 1.05  | 92.7      | 22.282  | 20.5336 |
| 2009 | 6     | 27  | 12   | 50     | 50     | 0.3       | 3.3     | 1.04  | 91.5      | 22.282  | 20.3382 |
| 2009 | 6     | 27  | 13   | 0      | 50     | 0.3       | 3.3     | 1.09  | 90.9      | 22.282  | 21.3802 |
| 2009 | 6     | 27  | 13   | 10     | 50     | 0.3       | 3.3     | 1.07  | 89.6      | 22.3047 | 21.0115 |
| 2009 | 6     | 27  | 13   | 20     | 50     | 0.3       | 3.3     | 1.05  | 90        | 22.282  | 20.5336 |
| 2009 | 6     | 27  | 13   | 30     | 50     | 0.3       | 3.3     | 1.06  | 91.2      | 22.3047 | 20.7508 |
| 2009 | 6     | 27  | 13   | 40     | 50     | 0.3       | 3.3     | 1.07  | 90.2      | 22.3047 | 20.9463 |
| 2009 | 6     | 27  | 13   | 50     | 50     | 0.3       | 3.3     | 1.07  | 91.2      | 22.3047 | 21.0767 |
| 2009 | 6     | 27  | 14   | 0      | 50     | 0.3       | 3.3     | 1.05  | 90        | 22.3047 | 20.6856 |
| 2009 | 6     | 27  | 14   | 10     | 50     | 0.3       | 3.3     | 1.05  | 91.6      | 22.3047 | 20.5552 |
| 2009 | 6     | 27  | 14   | 20     | 50     | 0.3       | 3.3     | 1.02  | 90.2      | 22.3047 | 20.099  |
| 2009 | 6     | 27  | 14   | 30     | 50     | 0.3       | 3.3     | 1.07  | 90.4      | 22.3047 | 21.0115 |
| 2009 | 6     | 27  | 14   | 40     | 50     | 0.3       | 3.3     | 1.07  | 90.7      | 22.3047 | 21.0115 |
| 2009 | 6     | 27  | 14   | 50     | 50     | 0.3       | 3.3     | 1.03  | 90.5      | 22.3275 | 20.2506 |
| 2009 | 6     | 27  | 15   | 0      | 50     | 0.3       | 3.3     | 1.1   | 90.7      | 22.3275 | 21.5559 |
| 2009 | 6     | 27  | 15   | 10     | 50     | 0.3       | 3.3     | 1.06  | 92.5      | 22.3275 | 20.9031 |
| 2009 | 6     | 27  | 15   | 20     | 50     | 0.3       | 3.3     | 1.06  | 90        | 22.3275 | 20.7726 |
| 2009 | 6     | 27  | 15   | 30     | 50     | 0.3       | 3.3     | 1.04  | 90.4      | 22.3275 | 20.3811 |
| 2009 | 6     | 27  | 15   | 40     | 50     | 0.3       | 3.3     | 1.02  | 90        | 22.3275 | 20.1202 |
| 2009 | 6     | 27  | 15   | 50     | 50     | 0.3       | 3.3     | 1.08  | 93.1      | 22.3503 | 21.1864 |
| 2009 | 6     | 27  | 16   | 0      | 50     | 0.3       | 3.3     | 1.03  | 91.8      | 22.3503 | 20.2719 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 27  | 16   | 10     | 50     | 0.3       | 3.3     | 1.07  | 91.1      | 22.3503 | 20.9904 |
| 2009 | 6     | 27  | 16   | 20     | 50     | 0.3       | 3.3     | 1.05  | 92.1      | 22.3503 | 20.7291 |
| 2009 | 6     | 27  | 16   | 30     | 50     | 0.3       | 3.3     | 1.06  | 91.2      | 22.3503 | 20.9251 |
| 2009 | 6     | 27  | 16   | 40     | 50     | 0.3       | 3.3     | 1.07  | 90.5      | 22.3731 | 21.0125 |
| 2009 | 6     | 27  | 16   | 50     | 50     | 0.3       | 3.3     | 1.06  | 90        | 22.3503 | 20.9251 |
| 2009 | 6     | 27  | 17   | 0      | 50     | 0.3       | 3.3     | 1.07  | 92.3      | 22.3731 | 21.0125 |
| 2009 | 6     | 27  | 17   | 10     | 50     | 0.3       | 3.3     | 1.08  | 92.4      | 22.3731 | 21.3395 |
| 2009 | 6     | 27  | 17   | 20     | 50     | 0.3       | 3.3     | 1.08  | 90.9      | 22.3731 | 21.2087 |
| 2009 | 6     | 27  | 17   | 30     | 50     | 0.3       | 3.3     | 1.06  | 90.7      | 22.3731 | 20.9471 |
| 2009 | 6     | 27  | 17   | 40     | 50     | 0.3       | 3.3     | 1.08  | 91        | 22.3731 | 21.2087 |
| 2009 | 6     | 27  | 17   | 50     | 50     | 0.3       | 3.3     | 1.08  | 93.1      | 22.3731 | 21.2087 |
| 2009 | 6     | 27  | 18   | 0      | 50     | 0.3       | 3.3     | 1.07  | 91.8      | 22.3731 | 21.0779 |
| 2009 | 6     | 27  | 18   | 10     | 50     | 0.3       | 3.3     | 1.03  | 91.6      | 22.3959 | 20.3799 |
| 2009 | 6     | 27  | 18   | 20     | 50     | 0.3       | 3.3     | 1.11  | 92.9      | 22.3959 | 21.9513 |
| 2009 | 6     | 27  | 18   | 30     | 50     | 0.3       | 3.3     | 1.11  | 91.2      | 22.3959 | 21.8203 |
| 2009 | 6     | 27  | 18   | 40     | 50     | 0.3       | 3.3     | 1.09  | 91.6      | 22.3959 | 21.4274 |
| 2009 | 6     | 27  | 18   | 50     | 50     | 0.3       | 3.3     | 1.05  | 91.8      | 22.3959 | 20.7727 |
| 2009 | 6     | 27  | 19   | 0      | 50     | 0.3       | 3.3     | 1.06  | 92.8      | 22.3959 | 20.8381 |
| 2009 | 6     | 27  | 19   | 10     | 50     | 0.3       | 3.3     | 1.03  | 91.5      | 22.3959 | 20.2491 |
| 2009 | 6     | 27  | 19   | 20     | 50     | 0.3       | 3.3     | 1.11  | 91.2      | 22.3959 | 21.8203 |
| 2009 | 6     | 27  | 19   | 30     | 50     | 0.3       | 3.3     | 1.06  | 90.7      | 22.3959 | 20.8381 |
| 2009 | 6     | 27  | 19   | 40     | 50     | 0.3       | 3.3     | 1.05  | 90        | 22.3959 | 20.7727 |
| 2009 | 6     | 27  | 19   | 50     | 50     | 0.3       | 3.3     | 1.05  | 93.2      | 22.3959 | 20.7727 |
| 2009 | 6     | 27  | 20   | 0      | 50     | 0.3       | 3.3     | 1.06  | 91.4      | 22.3959 | 20.8381 |
| 2009 | 6     | 27  | 20   | 10     | 50     | 0.3       | 3.3     | 1.06  | 91.2      | 22.4186 | 20.991  |
| 2009 | 6     | 27  | 20   | 20     | 50     | 0.3       | 3.3     | 1.1   | 90.3      | 22.4186 | 21.6465 |
| 2009 | 6     | 27  | 20   | 30     | 50     | 0.3       | 3.3     | 1.06  | 92.5      | 22.4186 | 20.9255 |
| 2009 | 6     | 27  | 20   | 40     | 50     | 0.3       | 3.3     | 1.08  | 91        | 22.4186 | 21.3843 |
| 2009 | 6     | 27  | 20   | 50     | 50     | 0.3       | 3.3     | 1.1   | 92.4      | 22.4186 | 21.6465 |
| 2009 | 6     | 27  | 21   | 0      | 50     | 0.3       | 3.3     | 1.08  | 91        | 22.4186 | 21.2532 |
| 2009 | 6     | 27  | 21   | 10     | 50     | 0.3       | 3.3     | 1.04  | 92.3      | 22.4414 | 20.5538 |
| 2009 | 6     | 27  | 21   | 20     | 50     | 0.3       | 3.3     | 1.06  | 92.8      | 22.4414 | 20.9474 |
| 2009 | 6     | 27  | 21   | 30     | 50     | 0.3       | 3.3     | 1.09  | 91.6      | 22.4414 | 21.5379 |
| 2009 | 6     | 27  | 21   | 40     | 50     | 0.3       | 3.3     | 1.07  | 92.1      | 22.4414 | 21.1442 |
| 2009 | 6     | 27  | 21   | 50     | 50     | 0.3       | 3.3     | 1.08  | 91.4      | 22.4414 | 21.4067 |
| 2009 | 6     | 27  | 22   | 0      | 50     | 0.3       | 3.3     | 1.06  | 90.5      | 22.4414 | 20.9474 |
| 2009 | 6     | 27  | 22   | 10     | 50     | 0.3       | 3.3     | 1.04  | 92        | 22.4642 | 20.641  |
| 2009 | 6     | 27  | 22   | 20     | 50     | 0.3       | 3.3     | 1.12  | 91.5      | 22.4869 | 22.1091 |
| 2009 | 6     | 27  | 22   | 30     | 50     | 0.3       | 3.3     | 1.1   | 91.2      | 22.5097 | 21.7371 |
| 2009 | 6     | 27  | 22   | 40     | 50     | 0.3       | 3.3     | 1.09  | 91.9      | 22.5097 | 21.5396 |
| 2009 | 6     | 27  | 22   | 50     | 50     | 0.3       | 3.3     | 1.06  | 92.7      | 22.5324 | 21.1009 |
| 2009 | 6     | 27  | 23   | 0      | 50     | 0.3       | 3.3     | 1.1   | 90        | 22.5324 | 21.8256 |
| 2009 | 6     | 27  | 23   | 10     | 50     | 0.3       | 3.3     | 1.1   | 91.2      | 22.5552 | 21.8484 |
| 2009 | 6     | 27  | 23   | 20     | 50     | 0.3       | 3.3     | 1.06  | 90.9      | 22.578  | 21.1448 |
| 2009 | 6     | 27  | 23   | 30     | 50     | 0.3       | 3.3     | 1.09  | 91.9      | 22.578  | 21.739  |
| 2009 | 6     | 27  | 23   | 40     | 50     | 0.3       | 3.3     | 1.05  | 93        | 22.578  | 20.9468 |
| 2009 | 6     | 27  | 23   | 50     | 50     | 0.3       | 3.3     | 1.08  | 90.5      | 22.578  | 21.5409 |
| 2009 | 6     | 28  | 0    | 0      | 50     | 0.3       | 3.3     | 1.1   | 91.9      | 22.6007 | 21.8938 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 28  | 0    | 10     | 50     | 0.3       | 3.3     | 1.08  | 90.9      | 22.6007 | 21.5633 |
| 2009 | 6     | 28  | 0    | 20     | 50     | 0.3       | 3.3     | 1.07  | 92.5      | 22.6007 | 21.2989 |
| 2009 | 6     | 28  | 0    | 30     | 50     | 0.3       | 3.3     | 1.05  | 93.4      | 22.6007 | 20.9024 |
| 2009 | 6     | 28  | 0    | 40     | 50     | 0.3       | 3.3     | 1.08  | 92.6      | 22.6234 | 21.5195 |
| 2009 | 6     | 28  | 0    | 50     | 50     | 0.3       | 3.3     | 1.08  | 91.2      | 22.6234 | 21.5856 |
| 2009 | 6     | 28  | 1    | 0      | 50     | 0.3       | 3.3     | 1.08  | 91.9      | 22.6234 | 21.5856 |
| 2009 | 6     | 28  | 1    | 10     | 50     | 0.3       | 3.3     | 1.08  | 92.4      | 22.6234 | 21.5856 |
| 2009 | 6     | 28  | 1    | 20     | 50     | 0.3       | 3.3     | 1.11  | 92        | 22.6234 | 22.115  |
| 2009 | 6     | 28  | 1    | 30     | 50     | 0.3       | 3.3     | 1.08  | 91        | 22.6234 | 21.5195 |
| 2009 | 6     | 28  | 1    | 40     | 50     | 0.3       | 3.3     | 1.09  | 93.8      | 22.6234 | 21.718  |
| 2009 | 6     | 28  | 1    | 50     | 50     | 0.3       | 3.3     | 1.08  | 90.7      | 22.6462 | 21.5418 |
| 2009 | 6     | 28  | 2    | 0      | 50     | 0.3       | 3.3     | 1.1   | 92.4      | 22.6462 | 21.873  |
| 2009 | 6     | 28  | 2    | 10     | 50     | 0.3       | 3.3     | 1.11  | 91        | 22.6462 | 22.2042 |
| 2009 | 6     | 28  | 2    | 20     | 50     | 0.3       | 3.3     | 1.09  | 89.3      | 22.6462 | 21.6743 |
| 2009 | 6     | 28  | 2    | 30     | 50     | 0.3       | 3.3     | 1.07  | 92.6      | 22.6462 | 21.2769 |
| 2009 | 6     | 28  | 2    | 40     | 50     | 0.3       | 3.3     | 1.08  | 91.6      | 22.6689 | 21.5641 |
| 2009 | 6     | 28  | 2    | 50     | 50     | 0.3       | 3.3     | 1.13  | 91.8      | 22.6689 | 22.5588 |
| 2009 | 6     | 28  | 3    | 0      | 50     | 0.3       | 3.3     | 1.08  | 91.4      | 22.6689 | 21.4978 |
| 2009 | 6     | 28  | 3    | 10     | 50     | 0.3       | 3.3     | 1.08  | 91.6      | 22.6689 | 21.6304 |
| 2009 | 6     | 28  | 3    | 20     | 50     | 0.3       | 3.3     | 1.11  | 90.8      | 22.6689 | 22.1609 |
| 2009 | 6     | 28  | 3    | 30     | 50     | 0.3       | 3.3     | 1.09  | 90        | 22.6689 | 21.8293 |
| 2009 | 6     | 28  | 3    | 40     | 50     | 0.3       | 3.3     | 1.08  | 92.4      | 22.6917 | 21.52   |
| 2009 | 6     | 28  | 3    | 50     | 50     | 0.3       | 3.3     | 1.09  | 93.1      | 22.6917 | 21.7855 |
| 2009 | 6     | 28  | 4    | 0      | 50     | 0.3       | 3.3     | 1.09  | 92.4      | 22.7144 | 21.808  |
| 2009 | 6     | 28  | 4    | 10     | 50     | 0.3       | 3.3     | 1.1   | 90.7      | 22.7371 | 21.9635 |
| 2009 | 6     | 28  | 4    | 20     | 50     | 0.3       | 3.3     | 1.1   | 91.5      | 22.7599 | 21.9861 |
| 2009 | 6     | 28  | 4    | 30     | 50     | 0.3       | 3.3     | 1.1   | 90        | 22.7826 | 22.0088 |
| 2009 | 6     | 28  | 4    | 40     | 50     | 0.3       | 3.3     | 1.1   | 91.5      | 22.7826 | 22.1421 |
| 2009 | 6     | 28  | 4    | 50     | 50     | 0.3       | 3.3     | 1.07  | 91.8      | 22.8053 | 21.5644 |
| 2009 | 6     | 28  | 5    | 0      | 50     | 0.3       | 3.3     | 1.1   | 91.2      | 22.8053 | 22.1648 |
| 2009 | 6     | 28  | 5    | 10     | 50     | 0.3       | 3.3     | 1.1   | 91.5      | 22.8053 | 22.1648 |
| 2009 | 6     | 28  | 5    | 20     | 50     | 0.3       | 3.3     | 1.07  | 93.7      | 22.828  | 21.5198 |
| 2009 | 6     | 28  | 5    | 30     | 50     | 0.3       | 3.3     | 1.08  | 92.4      | 22.828  | 21.7201 |
| 2009 | 6     | 28  | 5    | 40     | 50     | 0.3       | 3.3     | 1.08  | 93.8      | 22.828  | 21.5866 |
| 2009 | 6     | 28  | 5    | 50     | 50     | 0.3       | 3.3     | 1.08  | 90.7      | 22.8507 | 21.7424 |
| 2009 | 6     | 28  | 6    | 0      | 50     | 0.3       | 3.3     | 1.1   | 92.9      | 22.8507 | 22.2104 |
| 2009 | 6     | 28  | 6    | 10     | 50     | 0.3       | 3.3     | 1.1   | 92.2      | 22.8507 | 22.1435 |
| 2009 | 6     | 28  | 6    | 20     | 50     | 0.3       | 3.3     | 1.1   | 92.1      | 22.8507 | 22.1435 |
| 2009 | 6     | 28  | 6    | 30     | 50     | 0.3       | 3.3     | 1.11  | 92.4      | 22.8507 | 22.2772 |
| 2009 | 6     | 28  | 6    | 40     | 50     | 0.3       | 3.3     | 1.13  | 91.5      | 22.8507 | 22.6784 |
| 2009 | 6     | 28  | 6    | 50     | 50     | 0.3       | 3.3     | 1.09  | 90.7      | 22.8507 | 21.9429 |
| 2009 | 6     | 28  | 7    | 0      | 50     | 0.3       | 3.3     | 1.13  | 92.3      | 22.8735 | 22.8356 |
| 2009 | 6     | 28  | 7    | 10     | 50     | 0.3       | 3.3     | 1.11  | 91.9      | 22.8735 | 22.4339 |
| 2009 | 6     | 28  | 7    | 20     | 50     | 0.3       | 3.3     | 1.07  | 92.3      | 22.8735 | 21.6308 |
| 2009 | 6     | 28  | 7    | 30     | 50     | 0.3       | 3.3     | 1.15  | 92        | 22.8735 | 23.2373 |
| 2009 | 6     | 28  | 7    | 40     | 50     | 0.3       | 3.3     | 1.1   | 91.9      | 22.8735 | 22.0993 |
| 2009 | 6     | 28  | 7    | 50     | 50     | 0.3       | 3.3     | 1.08  | 93.5      | 22.8735 | 21.6977 |
| 2009 | 6     | 28  | 8    | 0      | 50     | 0.3       | 3.3     | 1.1   | 91.2      | 22.8962 | 22.2559 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 28  | 8    | 10     | 50     | 0.3       | 3.3     | 1.14  | 91.3      | 22.8962 | 22.993  |
| 2009 | 6     | 28  | 8    | 20     | 50     | 0.3       | 3.3     | 1.11  | 90.3      | 22.8962 | 22.4569 |
| 2009 | 6     | 28  | 8    | 30     | 50     | 0.3       | 3.3     | 1.12  | 92.2      | 22.8962 | 22.5909 |
| 2009 | 6     | 28  | 8    | 40     | 50     | 0.3       | 3.3     | 1.11  | 92.5      | 22.9189 | 22.4128 |
| 2009 | 6     | 28  | 8    | 50     | 50     | 0.3       | 3.3     | 1.14  | 92.2      | 22.9189 | 22.9494 |
| 2009 | 6     | 28  | 9    | 0      | 50     | 0.3       | 3.3     | 1.11  | 91.5      | 22.9189 | 22.3457 |
| 2009 | 6     | 28  | 9    | 10     | 50     | 0.3       | 3.3     | 1.14  | 93.3      | 22.9189 | 22.9494 |
| 2009 | 6     | 28  | 9    | 20     | 50     | 0.3       | 3.3     | 1.16  | 91.9      | 22.9189 | 23.4862 |
| 2009 | 6     | 28  | 9    | 30     | 50     | 0.3       | 3.3     | 1.1   | 93.4      | 22.9189 | 22.2786 |
| 2009 | 6     | 28  | 9    | 40     | 50     | 0.3       | 3.3     | 1.1   | 92.9      | 22.9416 | 22.1671 |
| 2009 | 6     | 28  | 9    | 50     | 50     | 0.3       | 3.3     | 1.12  | 90        | 22.9416 | 22.6371 |
| 2009 | 6     | 28  | 10   | 0      | 50     | 0.3       | 3.3     | 1.13  | 92.2      | 22.9416 | 22.7714 |
| 2009 | 6     | 28  | 10   | 10     | 50     | 0.3       | 3.3     | 1.12  | 91.8      | 22.9416 | 22.7042 |
| 2009 | 6     | 28  | 10   | 20     | 50     | 0.3       | 3.3     | 1.12  | 92.5      | 22.9416 | 22.6371 |
| 2009 | 6     | 28  | 10   | 30     | 50     | 0.3       | 3.3     | 1.12  | 91.7      | 22.9416 | 22.5699 |
| 2009 | 6     | 28  | 10   | 40     | 50     | 0.3       | 3.3     | 1.12  | 91.3      | 22.9416 | 22.6371 |
| 2009 | 6     | 28  | 10   | 50     | 50     | 0.3       | 3.3     | 1.12  | 93.7      | 22.9643 | 22.7274 |
| 2009 | 6     | 28  | 11   | 0      | 50     | 0.3       | 3.3     | 1.13  | 92.2      | 22.9643 | 22.8618 |
| 2009 | 6     | 28  | 11   | 10     | 50     | 0.3       | 3.3     | 1.1   | 93.3      | 22.9643 | 22.1897 |
| 2009 | 6     | 28  | 11   | 20     | 50     | 0.3       | 3.3     | 1.13  | 90.5      | 22.9643 | 22.8618 |
| 2009 | 6     | 28  | 11   | 30     | 50     | 0.3       | 3.3     | 1.13  | 93.2      | 22.9643 | 22.8618 |
| 2009 | 6     | 28  | 11   | 40     | 50     | 0.3       | 3.3     | 1.15  | 92.6      | 22.987  | 23.2216 |
| 2009 | 6     | 28  | 11   | 50     | 50     | 0.3       | 3.3     | 1.11  | 91.5      | 22.987  | 22.5487 |
| 2009 | 6     | 28  | 12   | 0      | 50     | 0.3       | 3.3     | 1.13  | 91.5      | 22.987  | 22.8178 |
| 2009 | 6     | 28  | 12   | 10     | 50     | 0.3       | 3.3     | 1.08  | 91.9      | 22.987  | 21.9433 |
| 2009 | 6     | 28  | 12   | 20     | 50     | 0.3       | 3.3     | 1.11  | 90.7      | 22.987  | 22.5487 |
| 2009 | 6     | 28  | 12   | 30     | 50     | 0.3       | 3.3     | 1.13  | 89.8      | 22.987  | 22.8851 |
| 2009 | 6     | 28  | 12   | 40     | 50     | 0.3       | 3.3     | 1.12  | 90.7      | 22.987  | 22.616  |
| 2009 | 6     | 28  | 12   | 50     | 50     | 0.3       | 3.3     | 1.12  | 90.3      | 22.987  | 22.616  |
| 2009 | 6     | 28  | 13   | 0      | 50     | 0.3       | 3.3     | 1.11  | 93.2      | 22.987  | 22.4814 |
| 2009 | 6     | 28  | 13   | 10     | 50     | 0.3       | 3.3     | 1.14  | 91.7      | 23.0097 | 23.1105 |
| 2009 | 6     | 28  | 13   | 20     | 50     | 0.3       | 3.3     | 1.12  | 91.2      | 23.0097 | 22.7737 |
| 2009 | 6     | 28  | 13   | 30     | 50     | 0.3       | 3.3     | 1.15  | 91.1      | 23.0097 | 23.2452 |
| 2009 | 6     | 28  | 13   | 40     | 50     | 0.3       | 3.3     | 1.12  | 93        | 23.0097 | 22.7063 |
| 2009 | 6     | 28  | 13   | 50     | 50     | 0.3       | 3.3     | 1.16  | 89.8      | 23.0097 | 23.5147 |
| 2009 | 6     | 28  | 14   | 0      | 50     | 0.3       | 3.3     | 1.11  | 93.6      | 23.0097 | 22.5043 |
| 2009 | 6     | 28  | 14   | 10     | 50     | 0.3       | 3.3     | 1.15  | 89.8      | 23.0097 | 23.38   |
| 2009 | 6     | 28  | 14   | 20     | 50     | 0.3       | 3.3     | 1.14  | 91.5      | 23.0323 | 23.0665 |
| 2009 | 6     | 28  | 14   | 30     | 50     | 0.3       | 3.3     | 1.15  | 90.2      | 23.0323 | 23.3363 |
| 2009 | 6     | 28  | 14   | 40     | 50     | 0.3       | 3.3     | 1.13  | 91.5      | 23.0323 | 22.9991 |
| 2009 | 6     | 28  | 14   | 50     | 50     | 0.3       | 3.3     | 1.14  | 91.3      | 23.0323 | 23.2014 |
| 2009 | 6     | 28  | 15   | 0      | 50     | 0.3       | 3.3     | 1.13  | 91.8      | 23.0323 | 22.8643 |
| 2009 | 6     | 28  | 15   | 10     | 50     | 0.3       | 3.3     | 1.16  | 90.2      | 23.0323 | 23.6735 |
| 2009 | 6     | 28  | 15   | 20     | 50     | 0.3       | 3.3     | 1.15  | 93.7      | 23.0323 | 23.4037 |
| 2009 | 6     | 28  | 15   | 30     | 50     | 0.3       | 3.3     | 1.11  | 91        | 23.0323 | 22.4598 |
| 2009 | 6     | 28  | 15   | 40     | 50     | 0.3       | 3.3     | 1.1   | 92.9      | 23.0323 | 22.2575 |
| 2009 | 6     | 28  | 15   | 50     | 50     | 0.3       | 3.3     | 1.14  | 90.7      | 23.0323 | 23.0665 |
| 2009 | 6     | 28  | 16   | 0      | 50     | 0.3       | 3.3     | 1.1   | 90.3      | 23.0323 | 22.2575 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 28  | 16   | 10     | 50     | 0.3       | 3.3     | 1.13  | 92.5      | 23.0323 | 22.9317 |
| 2009 | 6     | 28  | 16   | 20     | 50     | 0.3       | 3.3     | 1.13  | 90.8      | 23.055  | 22.8875 |
| 2009 | 6     | 28  | 16   | 30     | 50     | 0.3       | 3.3     | 1.14  | 89.8      | 23.055  | 23.1575 |
| 2009 | 6     | 28  | 16   | 40     | 50     | 0.3       | 3.3     | 1.13  | 91.5      | 23.055  | 22.955  |
| 2009 | 6     | 28  | 16   | 50     | 50     | 0.3       | 3.3     | 1.14  | 89.5      | 23.0777 | 23.181  |
| 2009 | 6     | 28  | 17   | 0      | 50     | 0.3       | 3.3     | 1.14  | 90.7      | 23.0777 | 23.1134 |
| 2009 | 6     | 28  | 17   | 10     | 50     | 0.3       | 3.3     | 1.13  | 93.3      | 23.1004 | 22.9339 |
| 2009 | 6     | 28  | 17   | 20     | 50     | 0.3       | 3.3     | 1.13  | 91.3      | 23.0777 | 22.9107 |
| 2009 | 6     | 28  | 17   | 30     | 50     | 0.3       | 3.3     | 1.1   | 91.9      | 23.1004 | 22.393  |
| 2009 | 6     | 28  | 17   | 40     | 50     | 0.3       | 3.3     | 1.13  | 92.3      | 23.1004 | 22.9339 |
| 2009 | 6     | 28  | 17   | 50     | 50     | 0.3       | 3.6     | 1.14  | 91.5      | 23.1231 | 23.2279 |
| 2009 | 6     | 28  | 18   | 0      | 50     | 0.3       | 3.6     | 1.11  | 91.7      | 23.1231 | 22.6864 |
| 2009 | 6     | 28  | 18   | 10     | 50     | 0.3       | 3.6     | 1.14  | 94        | 23.1457 | 23.1836 |
| 2009 | 6     | 28  | 18   | 20     | 50     | 0.3       | 3.6     | 1.13  | 90.3      | 23.1231 | 23.0248 |
| 2009 | 6     | 28  | 18   | 30     | 50     | 0.3       | 3.6     | 1.14  | 90.8      | 23.1457 | 23.1836 |
| 2009 | 6     | 28  | 18   | 40     | 50     | 0.3       | 3.6     | 1.11  | 91.5      | 23.1231 | 22.551  |
| 2009 | 6     | 28  | 18   | 50     | 50     | 0.3       | 3.6     | 1.11  | 92        | 23.1457 | 22.7093 |
| 2009 | 6     | 28  | 19   | 0      | 50     | 0.3       | 3.6     | 1.13  | 90.5      | 23.1684 | 23.0035 |
| 2009 | 6     | 28  | 19   | 10     | 50     | 0.3       | 3.6     | 1.12  | 90.8      | 23.1684 | 22.9357 |
| 2009 | 6     | 28  | 19   | 20     | 50     | 0.3       | 3.6     | 1.11  | 91.5      | 23.1684 | 22.7322 |
| 2009 | 6     | 28  | 19   | 30     | 50     | 0.3       | 3.6     | 1.12  | 91.2      | 23.1684 | 22.9357 |
| 2009 | 6     | 28  | 19   | 40     | 50     | 0.3       | 3.6     | 1.14  | 89.5      | 23.1684 | 23.3427 |
| 2009 | 6     | 28  | 19   | 50     | 50     | 0.3       | 3.6     | 1.14  | 91.3      | 23.1684 | 23.2749 |
| 2009 | 6     | 28  | 20   | 0      | 50     | 0.3       | 3.6     | 1.14  | 90.8      | 23.1684 | 23.2749 |
| 2009 | 6     | 28  | 20   | 10     | 50     | 0.3       | 3.6     | 1.14  | 92.6      | 23.1911 | 23.2304 |
| 2009 | 6     | 28  | 20   | 20     | 50     | 0.3       | 3.6     | 1.14  | 91.3      | 23.1911 | 23.2304 |
| 2009 | 6     | 28  | 20   | 30     | 50     | 0.3       | 3.6     | 1.13  | 92.2      | 23.1911 | 23.1625 |
| 2009 | 6     | 28  | 20   | 40     | 50     | 0.3       | 3.6     | 1.13  | 91        | 23.1911 | 23.1625 |
| 2009 | 6     | 28  | 20   | 50     | 50     | 0.3       | 3.6     | 1.12  | 91        | 23.1911 | 22.8909 |
| 2009 | 6     | 28  | 21   | 0      | 50     | 0.3       | 3.6     | 1.11  | 92.4      | 23.1911 | 22.6873 |
| 2009 | 6     | 28  | 21   | 10     | 50     | 0.3       | 3.6     | 1.11  | 92.4      | 23.1911 | 22.7551 |
| 2009 | 6     | 28  | 21   | 20     | 50     | 0.3       | 3.6     | 1.12  | 92        | 23.1911 | 22.9588 |
| 2009 | 6     | 28  | 21   | 30     | 50     | 0.3       | 3.6     | 1.11  | 92.2      | 23.1911 | 22.6194 |
| 2009 | 6     | 28  | 21   | 40     | 50     | 0.3       | 3.6     | 1.14  | 92.3      | 23.2137 | 23.3898 |
| 2009 | 6     | 28  | 21   | 50     | 50     | 0.3       | 3.6     | 1.13  | 91.8      | 23.2137 | 23.0499 |
| 2009 | 6     | 28  | 22   | 0      | 50     | 0.3       | 3.6     | 1.14  | 92.6      | 23.2137 | 23.2539 |
| 2009 | 6     | 28  | 22   | 10     | 50     | 0.3       | 3.6     | 1.17  | 90.8      | 23.2137 | 24.0017 |
| 2009 | 6     | 28  | 22   | 20     | 50     | 0.3       | 3.6     | 1.17  | 91.8      | 23.2137 | 23.9337 |
| 2009 | 6     | 28  | 22   | 30     | 50     | 0.3       | 3.6     | 1.11  | 91.9      | 23.2137 | 22.7101 |
| 2009 | 6     | 28  | 22   | 40     | 50     | 0.3       | 3.6     | 1.16  | 91.3      | 23.2137 | 23.7297 |
| 2009 | 6     | 28  | 22   | 50     | 50     | 0.3       | 3.6     | 1.13  | 92.2      | 23.2137 | 23.1859 |
| 2009 | 6     | 28  | 23   | 0      | 50     | 0.3       | 3.6     | 1.15  | 91.5      | 23.2137 | 23.5938 |
| 2009 | 6     | 28  | 23   | 10     | 50     | 0.3       | 3.6     | 1.17  | 91.9      | 23.2137 | 24.0017 |
| 2009 | 6     | 28  | 23   | 20     | 50     | 0.3       | 3.6     | 1.16  | 91.5      | 23.2364 | 23.7536 |
| 2009 | 6     | 28  | 23   | 30     | 50     | 0.3       | 3.6     | 1.13  | 90        | 23.2137 | 23.0499 |
| 2009 | 6     | 28  | 23   | 40     | 50     | 0.3       | 3.6     | 1.13  | 92.3      | 23.2364 | 23.0731 |
| 2009 | 6     | 28  | 23   | 50     | 50     | 0.3       | 3.6     | 1.11  | 93.7      | 23.2364 | 22.801  |
| 2009 | 6     | 29  | 0    | 0      | 50     | 0.3       | 3.6     | 1.13  | 91        | 23.2364 | 23.2092 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 29  | 0    | 10     | 50     | 0.3       | 3.6     | 1.12  | 91.3      | 23.2364 | 23.0051 |
| 2009 | 6     | 29  | 0    | 20     | 50     | 0.3       | 3.6     | 1.13  | 89.7      | 23.2364 | 23.1412 |
| 2009 | 6     | 29  | 0    | 30     | 50     | 0.3       | 3.6     | 1.17  | 91.4      | 23.2364 | 24.0939 |
| 2009 | 6     | 29  | 0    | 40     | 50     | 0.3       | 3.6     | 1.11  | 91.2      | 23.2364 | 22.665  |
| 2009 | 6     | 29  | 0    | 50     | 50     | 0.3       | 3.6     | 1.12  | 91.2      | 23.259  | 22.9601 |
| 2009 | 6     | 29  | 1    | 0      | 50     | 0.3       | 3.6     | 1.16  | 91        | 23.259  | 23.7775 |
| 2009 | 6     | 29  | 1    | 10     | 50     | 0.3       | 3.6     | 1.14  | 91.3      | 23.259  | 23.4369 |
| 2009 | 6     | 29  | 1    | 20     | 50     | 0.3       | 3.6     | 1.17  | 90        | 23.259  | 24.1182 |
| 2009 | 6     | 29  | 1    | 30     | 50     | 0.3       | 3.6     | 1.11  | 92.2      | 23.2817 | 22.7787 |
| 2009 | 6     | 29  | 1    | 40     | 50     | 0.3       | 3.6     | 1.15  | 92.8      | 23.2817 | 23.5286 |
| 2009 | 6     | 29  | 1    | 50     | 50     | 0.3       | 3.6     | 1.15  | 91.3      | 23.2817 | 23.5286 |
| 2009 | 6     | 29  | 2    | 0      | 50     | 0.3       | 3.6     | 1.16  | 91.3      | 23.3043 | 23.8935 |
| 2009 | 6     | 29  | 2    | 10     | 50     | 0.3       | 3.6     | 1.15  | 91.5      | 23.327  | 23.5758 |
| 2009 | 6     | 29  | 2    | 20     | 50     | 0.3       | 3.6     | 1.17  | 92.7      | 23.327  | 23.9858 |
| 2009 | 6     | 29  | 2    | 30     | 50     | 0.3       | 3.6     | 1.13  | 91.5      | 23.327  | 23.2342 |
| 2009 | 6     | 29  | 2    | 40     | 50     | 0.3       | 3.6     | 1.18  | 90.5      | 23.3496 | 24.2834 |
| 2009 | 6     | 29  | 2    | 50     | 50     | 0.3       | 3.6     | 1.13  | 90.3      | 23.3496 | 23.3259 |
| 2009 | 6     | 29  | 3    | 0      | 50     | 0.3       | 3.6     | 1.15  | 91.5      | 23.3496 | 23.7362 |
| 2009 | 6     | 29  | 3    | 10     | 50     | 0.3       | 3.6     | 1.18  | 92.1      | 23.3723 | 24.3077 |
| 2009 | 6     | 29  | 3    | 20     | 50     | 0.3       | 3.6     | 1.16  | 92.3      | 23.3723 | 23.9653 |
| 2009 | 6     | 29  | 3    | 30     | 50     | 0.3       | 3.6     | 1.14  | 90.8      | 23.3949 | 23.5781 |
| 2009 | 6     | 29  | 3    | 40     | 50     | 0.3       | 3.6     | 1.13  | 90.3      | 23.3949 | 23.2355 |
| 2009 | 6     | 29  | 3    | 50     | 50     | 0.3       | 3.6     | 1.14  | 91        | 23.3949 | 23.441  |
| 2009 | 6     | 29  | 4    | 0      | 50     | 0.3       | 3.6     | 1.16  | 90.8      | 23.3949 | 23.9207 |
| 2009 | 6     | 29  | 4    | 10     | 50     | 0.3       | 3.6     | 1.16  | 92.9      | 23.3949 | 23.9207 |
| 2009 | 6     | 29  | 4    | 20     | 50     | 0.3       | 3.6     | 1.14  | 91.3      | 23.4175 | 23.4644 |
| 2009 | 6     | 29  | 4    | 30     | 50     | 0.3       | 3.6     | 1.17  | 90        | 23.4175 | 24.2876 |
| 2009 | 6     | 29  | 4    | 40     | 50     | 0.3       | 3.6     | 1.14  | 90.3      | 23.4175 | 23.6016 |
| 2009 | 6     | 29  | 4    | 50     | 50     | 0.3       | 3.6     | 1.15  | 91.6      | 23.4175 | 23.7388 |
| 2009 | 6     | 29  | 5    | 0      | 50     | 0.3       | 3.6     | 1.18  | 92.7      | 23.4175 | 24.3562 |
| 2009 | 6     | 29  | 5    | 10     | 50     | 0.3       | 3.6     | 1.16  | 92.6      | 23.4175 | 23.876  |
| 2009 | 6     | 29  | 5    | 20     | 50     | 0.3       | 3.6     | 1.18  | 91.3      | 23.4175 | 24.4935 |
| 2009 | 6     | 29  | 5    | 30     | 50     | 0.3       | 3.6     | 1.16  | 91        | 23.4175 | 23.876  |
| 2009 | 6     | 29  | 5    | 40     | 50     | 0.3       | 3.6     | 1.18  | 91.4      | 23.4175 | 24.3562 |
| 2009 | 6     | 29  | 5    | 50     | 50     | 0.3       | 3.6     | 1.13  | 90.3      | 23.4175 | 23.2586 |
| 2009 | 6     | 29  | 6    | 0      | 50     | 0.3       | 3.6     | 1.17  | 92.4      | 23.4175 | 24.1504 |
| 2009 | 6     | 29  | 6    | 10     | 50     | 0.3       | 3.6     | 1.13  | 93.3      | 23.4401 | 23.2818 |
| 2009 | 6     | 29  | 6    | 20     | 50     | 0.3       | 3.6     | 1.19  | 91.9      | 23.4401 | 24.6553 |
| 2009 | 6     | 29  | 6    | 30     | 50     | 0.3       | 3.6     | 1.18  | 92.1      | 23.4401 | 24.3805 |
| 2009 | 6     | 29  | 6    | 40     | 50     | 0.3       | 3.6     | 1.17  | 91.3      | 23.4401 | 24.1745 |
| 2009 | 6     | 29  | 6    | 50     | 50     | 0.3       | 3.6     | 1.16  | 92.6      | 23.4401 | 24.0371 |
| 2009 | 6     | 29  | 7    | 0      | 50     | 0.3       | 3.6     | 1.16  | 92.7      | 23.4401 | 24.0371 |
| 2009 | 6     | 29  | 7    | 10     | 50     | 0.3       | 3.6     | 1.17  | 91.6      | 23.4401 | 24.1745 |
| 2009 | 6     | 29  | 7    | 20     | 50     | 0.3       | 3.6     | 1.17  | 91.5      | 23.4401 | 24.1058 |
| 2009 | 6     | 29  | 7    | 30     | 50     | 0.3       | 3.6     | 1.18  | 92.1      | 23.4401 | 24.4492 |
| 2009 | 6     | 29  | 7    | 40     | 50     | 0.3       | 3.6     | 1.12  | 93        | 23.4628 | 23.1676 |
| 2009 | 6     | 29  | 7    | 50     | 50     | 0.3       | 3.6     | 1.12  | 92.2      | 23.4628 | 23.2363 |
| 2009 | 6     | 29  | 8    | 0      | 50     | 0.3       | 3.6     | 1.13  | 93.6      | 23.4628 | 23.4424 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 29  | 8    | 10     | 50     | 0.3       | 3.6     | 1.16  | 92.3      | 23.4628 | 23.9235 |
| 2009 | 6     | 29  | 8    | 20     | 50     | 0.3       | 3.6     | 1.17  | 91.6      | 23.4628 | 24.1985 |
| 2009 | 6     | 29  | 8    | 30     | 50     | 0.3       | 3.6     | 1.14  | 92.6      | 23.4628 | 23.5111 |
| 2009 | 6     | 29  | 8    | 40     | 50     | 0.3       | 3.6     | 1.14  | 91.3      | 23.4628 | 23.5799 |
| 2009 | 6     | 29  | 8    | 50     | 50     | 0.3       | 3.6     | 1.17  | 90.6      | 23.4628 | 24.336  |
| 2009 | 6     | 29  | 9    | 0      | 50     | 0.3       | 3.6     | 1.15  | 92.1      | 23.4854 | 23.8097 |
| 2009 | 6     | 29  | 9    | 10     | 50     | 0.3       | 3.6     | 1.16  | 91.6      | 23.4628 | 23.9923 |
| 2009 | 6     | 29  | 9    | 20     | 50     | 0.3       | 3.6     | 1.17  | 91.8      | 23.4854 | 24.1538 |
| 2009 | 6     | 29  | 9    | 30     | 50     | 0.3       | 3.6     | 1.16  | 90.8      | 23.4854 | 24.0161 |
| 2009 | 6     | 29  | 9    | 40     | 50     | 0.3       | 3.6     | 1.14  | 92.8      | 23.4854 | 23.6033 |
| 2009 | 6     | 29  | 9    | 50     | 50     | 0.3       | 3.6     | 1.17  | 90.3      | 23.4854 | 24.3602 |
| 2009 | 6     | 29  | 10   | 0      | 50     | 0.3       | 3.6     | 1.17  | 91.6      | 23.4854 | 24.3602 |
| 2009 | 6     | 29  | 10   | 10     | 50     | 0.3       | 3.6     | 1.16  | 90.6      | 23.4854 | 24.1538 |
| 2009 | 6     | 29  | 10   | 20     | 50     | 0.3       | 3.6     | 1.15  | 91.1      | 23.4854 | 23.8097 |
| 2009 | 6     | 29  | 10   | 30     | 50     | 0.3       | 3.6     | 1.13  | 92.5      | 23.4854 | 23.3969 |
| 2009 | 6     | 29  | 10   | 40     | 50     | 0.3       | 3.6     | 1.17  | 92.3      | 23.4854 | 24.2226 |
| 2009 | 6     | 29  | 10   | 50     | 50     | 0.3       | 3.6     | 1.16  | 91.1      | 23.4854 | 24.1538 |
| 2009 | 6     | 29  | 11   | 0      | 50     | 0.3       | 3.6     | 1.15  | 90.7      | 23.4854 | 23.9473 |
| 2009 | 6     | 29  | 11   | 10     | 50     | 0.3       | 3.6     | 1.15  | 92.1      | 23.4854 | 23.7409 |
| 2009 | 6     | 29  | 11   | 20     | 50     | 0.3       | 3.6     | 1.16  | 91.3      | 23.4854 | 24.0849 |
| 2009 | 6     | 29  | 11   | 30     | 50     | 0.3       | 3.6     | 1.15  | 91.6      | 23.4854 | 23.7409 |
| 2009 | 6     | 29  | 11   | 40     | 50     | 0.3       | 3.6     | 1.15  | 90.7      | 23.508  | 23.7645 |
| 2009 | 6     | 29  | 11   | 50     | 50     | 0.3       | 3.6     | 1.15  | 91        | 23.508  | 23.7645 |
| 2009 | 6     | 29  | 12   | 0      | 50     | 0.3       | 3.6     | 1.16  | 88.7      | 23.508  | 23.9711 |
| 2009 | 6     | 29  | 12   | 10     | 50     | 0.3       | 3.6     | 1.18  | 90.2      | 23.4854 | 24.429  |
| 2009 | 6     | 29  | 12   | 20     | 50     | 0.3       | 3.6     | 1.18  | 91.8      | 23.508  | 24.3844 |
| 2009 | 6     | 29  | 12   | 30     | 50     | 0.3       | 3.6     | 1.17  | 91.3      | 23.508  | 24.3155 |
| 2009 | 6     | 29  | 12   | 40     | 50     | 0.3       | 3.6     | 1.21  | 90.6      | 23.508  | 25.1423 |
| 2009 | 6     | 29  | 12   | 50     | 50     | 0.3       | 3.6     | 1.14  | 93        | 23.508  | 23.6268 |
| 2009 | 6     | 29  | 13   | 0      | 50     | 0.3       | 3.6     | 1.18  | 91.1      | 23.508  | 24.4533 |
| 2009 | 6     | 29  | 13   | 10     | 50     | 0.3       | 3.6     | 1.17  | 92.7      | 23.508  | 24.2466 |
| 2009 | 6     | 29  | 13   | 20     | 50     | 0.3       | 3.6     | 1.16  | 91.3      | 23.508  | 23.9711 |
| 2009 | 6     | 29  | 13   | 30     | 50     | 0.3       | 3.6     | 1.16  | 91.6      | 23.508  | 24.04   |
| 2009 | 6     | 29  | 13   | 40     | 50     | 0.3       | 3.6     | 1.13  | 91.7      | 23.508  | 23.3513 |
| 2009 | 6     | 29  | 13   | 50     | 50     | 0.3       | 3.6     | 1.18  | 90        | 23.508  | 24.4533 |
| 2009 | 6     | 29  | 14   | 0      | 50     | 0.3       | 3.6     | 1.15  | 91.3      | 23.508  | 23.8334 |
| 2009 | 6     | 29  | 14   | 10     | 50     | 0.3       | 3.6     | 1.16  | 91        | 23.508  | 24.1777 |
| 2009 | 6     | 29  | 14   | 20     | 50     | 0.3       | 3.6     | 1.15  | 92.3      | 23.508  | 23.8334 |
| 2009 | 6     | 29  | 14   | 30     | 50     | 0.3       | 3.6     | 1.17  | 90.5      | 23.508  | 24.3844 |
| 2009 | 6     | 29  | 14   | 40     | 50     | 0.3       | 3.6     | 1.15  | 90        | 23.508  | 23.9022 |
| 2009 | 6     | 29  | 14   | 50     | 50     | 0.3       | 3.6     | 1.17  | 91.9      | 23.508  | 24.2466 |
| 2009 | 6     | 29  | 15   | 0      | 50     | 0.3       | 3.6     | 1.17  | 92.7      | 23.508  | 24.2466 |
| 2009 | 6     | 29  | 15   | 10     | 50     | 0.3       | 3.6     | 1.15  | 90.3      | 23.508  | 23.9022 |
| 2009 | 6     | 29  | 15   | 20     | 50     | 0.3       | 3.6     | 1.15  | 90.7      | 23.508  | 23.7645 |
| 2009 | 6     | 29  | 15   | 30     | 50     | 0.3       | 3.6     | 1.15  | 90.5      | 23.508  | 23.9711 |
| 2009 | 6     | 29  | 15   | 40     | 50     | 0.3       | 3.6     | 1.17  | 90.6      | 23.508  | 24.3844 |
| 2009 | 6     | 29  | 15   | 50     | 50     | 0.3       | 3.6     | 1.14  | 91.5      | 23.508  | 23.6268 |
| 2009 | 6     | 29  | 16   | 0      | 50     | 0.3       | 3.6     | 1.16  | 93.1      | 23.508  | 24.04   |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 29  | 16   | 10     | 50     | 0.3       | 3.6     | 1.17  | 90.6      | 23.508  | 24.3844 |
| 2009 | 6     | 29  | 16   | 20     | 50     | 0.3       | 3.6     | 1.16  | 92.3      | 23.508  | 23.9711 |
| 2009 | 6     | 29  | 16   | 30     | 50     | 0.3       | 3.6     | 1.15  | 91.6      | 23.508  | 23.9022 |
| 2009 | 6     | 29  | 16   | 40     | 50     | 0.3       | 3.6     | 1.17  | 91.3      | 23.508  | 24.2466 |
| 2009 | 6     | 29  | 16   | 50     | 50     | 0.3       | 3.6     | 1.17  | 91.6      | 23.508  | 24.2466 |
| 2009 | 6     | 29  | 17   | 0      | 50     | 0.3       | 3.6     | 1.14  | 92.1      | 23.508  | 23.6956 |
| 2009 | 6     | 29  | 17   | 10     | 50     | 0.3       | 3.6     | 1.17  | 94        | 23.508  | 24.3155 |
| 2009 | 6     | 29  | 17   | 20     | 50     | 0.3       | 3.6     | 1.17  | 91.5      | 23.508  | 24.1777 |
| 2009 | 6     | 29  | 17   | 30     | 50     | 0.3       | 3.6     | 1.16  | 91.3      | 23.508  | 24.1777 |
| 2009 | 6     | 29  | 17   | 40     | 50     | 0.3       | 3.6     | 1.18  | 91.8      | 23.508  | 24.5222 |
| 2009 | 6     | 29  | 17   | 50     | 50     | 0.3       | 3.6     | 1.17  | 90        | 23.508  | 24.3155 |
| 2009 | 6     | 29  | 18   | 0      | 50     | 0.3       | 3.6     | 1.14  | 92        | 23.5306 | 23.5813 |
| 2009 | 6     | 29  | 18   | 10     | 50     | 0.3       | 3.6     | 1.17  | 92.1      | 23.5306 | 24.2707 |
| 2009 | 6     | 29  | 18   | 20     | 50     | 0.3       | 3.6     | 1.15  | 91.1      | 23.508  | 23.9022 |
| 2009 | 6     | 29  | 18   | 30     | 50     | 0.3       | 3.6     | 1.15  | 90.7      | 23.5306 | 23.9949 |
| 2009 | 6     | 29  | 18   | 40     | 50     | 0.3       | 3.6     | 1.17  | 91.6      | 23.5306 | 24.2707 |
| 2009 | 6     | 29  | 18   | 50     | 50     | 0.3       | 3.6     | 1.13  | 90.5      | 23.5306 | 23.5123 |
| 2009 | 6     | 29  | 19   | 0      | 50     | 0.3       | 3.6     | 1.2   | 90.3      | 23.5306 | 25.0293 |
| 2009 | 6     | 29  | 19   | 10     | 50     | 0.3       | 3.6     | 1.15  | 91.1      | 23.5306 | 23.9259 |
| 2009 | 6     | 29  | 19   | 20     | 50     | 0.3       | 3.6     | 1.17  | 91.1      | 23.5306 | 24.3396 |
| 2009 | 6     | 29  | 19   | 30     | 50     | 0.3       | 3.6     | 1.15  | 92.3      | 23.5306 | 23.857  |
| 2009 | 6     | 29  | 19   | 40     | 50     | 0.3       | 3.6     | 1.17  | 93.1      | 23.5306 | 24.2707 |
| 2009 | 6     | 29  | 19   | 50     | 50     | 0.3       | 3.6     | 1.14  | 90.8      | 23.5306 | 23.6502 |
| 2009 | 6     | 29  | 20   | 0      | 50     | 0.3       | 3.6     | 1.15  | 91.8      | 23.5306 | 23.9259 |
| 2009 | 6     | 29  | 20   | 10     | 50     | 0.3       | 3.6     | 1.16  | 90.2      | 23.5306 | 24.0638 |
| 2009 | 6     | 29  | 20   | 20     | 50     | 0.3       | 3.6     | 1.15  | 91        | 23.5306 | 23.857  |
| 2009 | 6     | 29  | 20   | 30     | 50     | 0.3       | 3.6     | 1.14  | 92.8      | 23.5306 | 23.5813 |
| 2009 | 6     | 29  | 20   | 40     | 50     | 0.3       | 3.6     | 1.16  | 91.6      | 23.5306 | 23.9949 |
| 2009 | 6     | 29  | 20   | 50     | 50     | 0.3       | 3.6     | 1.2   | 91.6      | 23.5306 | 24.8913 |
| 2009 | 6     | 29  | 21   | 0      | 50     | 0.3       | 3.6     | 1.17  | 90.8      | 23.5306 | 24.3396 |
| 2009 | 6     | 29  | 21   | 10     | 50     | 0.3       | 3.6     | 1.17  | 91.9      | 23.5306 | 24.3396 |
| 2009 | 6     | 29  | 21   | 20     | 50     | 0.3       | 3.6     | 1.16  | 91.3      | 23.5532 | 24.0187 |
| 2009 | 6     | 29  | 21   | 30     | 50     | 0.3       | 3.6     | 1.15  | 90.3      | 23.5306 | 23.9949 |
| 2009 | 6     | 29  | 21   | 40     | 50     | 0.3       | 3.6     | 1.14  | 90.2      | 23.5306 | 23.7191 |
| 2009 | 6     | 29  | 21   | 50     | 50     | 0.3       | 3.6     | 1.19  | 91.7      | 23.5306 | 24.8224 |
| 2009 | 6     | 29  | 22   | 0      | 50     | 0.3       | 3.6     | 1.18  | 91.6      | 23.5532 | 24.5018 |
| 2009 | 6     | 29  | 22   | 10     | 50     | 0.3       | 3.6     | 1.18  | 91        | 23.5532 | 24.5708 |
| 2009 | 6     | 29  | 22   | 20     | 50     | 0.3       | 3.6     | 1.14  | 91.8      | 23.5532 | 23.6736 |
| 2009 | 6     | 29  | 22   | 30     | 50     | 0.3       | 3.6     | 1.21  | 90.3      | 23.5532 | 25.1922 |
| 2009 | 6     | 29  | 22   | 40     | 50     | 0.3       | 3.6     | 1.16  | 91.3      | 23.5532 | 24.0877 |
| 2009 | 6     | 29  | 22   | 50     | 50     | 0.3       | 3.6     | 1.17  | 91.3      | 23.5532 | 24.3637 |
| 2009 | 6     | 29  | 23   | 0      | 50     | 0.3       | 3.6     | 1.15  | 90.8      | 23.5532 | 23.9497 |
| 2009 | 6     | 29  | 23   | 10     | 50     | 0.3       | 3.6     | 1.14  | 91.5      | 23.5532 | 23.6046 |
| 2009 | 6     | 29  | 23   | 20     | 50     | 0.3       | 3.6     | 1.17  | 90.6      | 23.5532 | 24.4328 |
| 2009 | 6     | 29  | 23   | 30     | 50     | 0.3       | 3.6     | 1.18  | 91.3      | 23.5532 | 24.5708 |
| 2009 | 6     | 29  | 23   | 40     | 50     | 0.3       | 3.6     | 1.15  | 91.1      | 23.5758 | 23.8352 |
| 2009 | 6     | 29  | 23   | 50     | 50     | 0.3       | 3.6     | 1.17  | 91.1      | 23.5758 | 24.3188 |
| 2009 | 6     | 30  | 0    | 0      | 50     | 0.3       | 3.6     | 1.13  | 91.5      | 23.5758 | 23.4208 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 30  | 0    | 10     | 50     | 0.3       | 3.6     | 1.19  | 90.8      | 23.5758 | 24.8715 |
| 2009 | 6     | 30  | 0    | 20     | 50     | 0.3       | 3.6     | 1.17  | 92.9      | 23.5984 | 24.2737 |
| 2009 | 6     | 30  | 0    | 30     | 50     | 0.3       | 3.6     | 1.16  | 94        | 23.5984 | 24.2045 |
| 2009 | 6     | 30  | 0    | 40     | 50     | 0.3       | 3.6     | 1.16  | 93.4      | 23.621  | 24.2284 |
| 2009 | 6     | 30  | 0    | 50     | 50     | 0.3       | 3.6     | 1.19  | 91.9      | 23.621  | 24.8515 |
| 2009 | 6     | 30  | 1    | 0      | 50     | 0.3       | 3.6     | 1.19  | 91.9      | 23.6436 | 24.8067 |
| 2009 | 6     | 30  | 1    | 10     | 50     | 0.3       | 3.6     | 1.18  | 91.1      | 23.6436 | 24.6681 |
| 2009 | 6     | 30  | 1    | 20     | 50     | 0.3       | 3.6     | 1.17  | 90.3      | 23.6436 | 24.4602 |
| 2009 | 6     | 30  | 1    | 30     | 50     | 0.3       | 3.6     | 1.2   | 92.5      | 23.6662 | 24.9699 |
| 2009 | 6     | 30  | 1    | 40     | 50     | 0.3       | 3.6     | 1.15  | 92.3      | 23.6662 | 23.9988 |
| 2009 | 6     | 30  | 1    | 50     | 50     | 0.3       | 3.6     | 1.17  | 92.1      | 23.6662 | 24.4843 |
| 2009 | 6     | 30  | 2    | 0      | 50     | 0.3       | 3.6     | 1.16  | 91        | 23.6662 | 24.2068 |
| 2009 | 6     | 30  | 2    | 10     | 50     | 0.3       | 3.6     | 1.15  | 90.8      | 23.6888 | 23.953  |
| 2009 | 6     | 30  | 2    | 20     | 50     | 0.3       | 3.6     | 1.19  | 92.5      | 23.6888 | 24.925  |
| 2009 | 6     | 30  | 2    | 30     | 50     | 0.3       | 3.6     | 1.14  | 91.8      | 23.6888 | 23.7448 |
| 2009 | 6     | 30  | 2    | 40     | 50     | 0.3       | 3.6     | 1.19  | 90.9      | 23.6888 | 24.925  |
| 2009 | 6     | 30  | 2    | 50     | 50     | 0.3       | 3.6     | 1.17  | 91.9      | 23.6888 | 24.3695 |
| 2009 | 6     | 30  | 3    | 0      | 50     | 0.3       | 3.6     | 1.17  | 92.9      | 23.6888 | 24.4389 |
| 2009 | 6     | 30  | 3    | 10     | 50     | 0.3       | 3.6     | 1.16  | 91        | 23.6888 | 24.3001 |
| 2009 | 6     | 30  | 3    | 20     | 50     | 0.3       | 3.6     | 1.17  | 91.9      | 23.6888 | 24.5084 |
| 2009 | 6     | 30  | 3    | 30     | 50     | 0.3       | 3.6     | 1.16  | 92.4      | 23.6888 | 24.1613 |
| 2009 | 6     | 30  | 3    | 40     | 50     | 0.3       | 3.6     | 1.19  | 90.6      | 23.7113 | 24.88   |
| 2009 | 6     | 30  | 3    | 50     | 50     | 0.3       | 3.6     | 1.17  | 92.1      | 23.7113 | 24.5325 |
| 2009 | 6     | 30  | 4    | 0      | 50     | 0.3       | 3.6     | 1.19  | 91.7      | 23.7113 | 24.88   |
| 2009 | 6     | 30  | 4    | 10     | 50     | 0.3       | 3.6     | 1.16  | 92.8      | 23.7113 | 24.185  |
| 2009 | 6     | 30  | 4    | 20     | 50     | 0.3       | 3.6     | 1.16  | 91.5      | 23.7113 | 24.324  |
| 2009 | 6     | 30  | 4    | 30     | 50     | 0.3       | 3.6     | 1.15  | 92.1      | 23.7113 | 23.9766 |
| 2009 | 6     | 30  | 4    | 40     | 50     | 0.3       | 3.6     | 1.16  | 91.6      | 23.7113 | 24.185  |
| 2009 | 6     | 30  | 4    | 50     | 50     | 0.3       | 3.6     | 1.16  | 91.1      | 23.7113 | 24.2545 |
| 2009 | 6     | 30  | 5    | 0      | 50     | 0.3       | 3.6     | 1.16  | 91.5      | 23.7113 | 24.185  |
| 2009 | 6     | 30  | 5    | 10     | 50     | 0.3       | 3.6     | 1.18  | 92.1      | 23.7113 | 24.741  |
| 2009 | 6     | 30  | 5    | 20     | 50     | 0.3       | 3.6     | 1.2   | 90.5      | 23.7113 | 25.2276 |
| 2009 | 6     | 30  | 5    | 30     | 50     | 0.3       | 3.6     | 1.17  | 91.1      | 23.7339 | 24.6261 |
| 2009 | 6     | 30  | 5    | 40     | 50     | 0.3       | 3.6     | 1.16  | 93.6      | 23.7339 | 24.2088 |
| 2009 | 6     | 30  | 5    | 50     | 50     | 0.3       | 3.6     | 1.16  | 90.8      | 23.7339 | 24.2783 |
| 2009 | 6     | 30  | 6    | 0      | 50     | 0.3       | 3.6     | 1.15  | 92.1      | 23.7339 | 24.1392 |
| 2009 | 6     | 30  | 6    | 10     | 50     | 0.3       | 3.6     | 1.2   | 91.3      | 23.7339 | 25.1828 |
| 2009 | 6     | 30  | 6    | 20     | 50     | 0.3       | 3.6     | 1.18  | 91.3      | 23.7339 | 24.8349 |
| 2009 | 6     | 30  | 6    | 30     | 50     | 0.3       | 3.6     | 1.17  | 91.6      | 23.7339 | 24.5566 |
| 2009 | 6     | 30  | 6    | 40     | 50     | 0.3       | 3.6     | 1.16  | 92.9      | 23.7339 | 24.3479 |
| 2009 | 6     | 30  | 6    | 50     | 50     | 0.3       | 3.6     | 1.18  | 91.6      | 23.7339 | 24.7653 |
| 2009 | 6     | 30  | 7    | 0      | 50     | 0.3       | 3.6     | 1.16  | 92.1      | 23.7339 | 24.2783 |
| 2009 | 6     | 30  | 7    | 10     | 50     | 0.3       | 3.6     | 1.18  | 92.1      | 23.7339 | 24.7653 |
| 2009 | 6     | 30  | 7    | 20     | 50     | 0.3       | 3.6     | 1.16  | 92.3      | 23.7339 | 24.3479 |
| 2009 | 6     | 30  | 7    | 30     | 50     | 0.3       | 3.6     | 1.19  | 91.3      | 23.7339 | 24.974  |
| 2009 | 6     | 30  | 7    | 40     | 50     | 0.3       | 3.6     | 1.19  | 91.3      | 23.7339 | 24.9044 |
| 2009 | 6     | 30  | 7    | 50     | 50     | 0.3       | 3.6     | 1.18  | 91        | 23.7339 | 24.8349 |
| 2009 | 6     | 30  | 8    | 0      | 50     | 0.3       | 3.6     | 1.17  | 93.2      | 23.7565 | 24.4414 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 30  | 8    | 10     | 50     | 0.3       | 3.6     | 1.17  | 91.6      | 23.7565 | 24.5807 |
| 2009 | 6     | 30  | 8    | 20     | 50     | 0.3       | 3.6     | 1.15  | 90        | 23.7565 | 24.2325 |
| 2009 | 6     | 30  | 8    | 30     | 50     | 0.3       | 3.6     | 1.18  | 92.1      | 23.7565 | 24.7199 |
| 2009 | 6     | 30  | 8    | 40     | 50     | 0.3       | 3.6     | 1.18  | 91.4      | 23.7565 | 24.7896 |
| 2009 | 6     | 30  | 8    | 50     | 50     | 0.3       | 3.6     | 1.2   | 90.8      | 23.7565 | 25.2075 |
| 2009 | 6     | 30  | 9    | 0      | 50     | 0.3       | 3.6     | 1.17  | 89.2      | 23.7565 | 24.6503 |
| 2009 | 6     | 30  | 9    | 10     | 50     | 0.3       | 3.6     | 1.15  | 90.7      | 23.7565 | 24.2325 |
| 2009 | 6     | 30  | 9    | 20     | 50     | 0.3       | 3.6     | 1.18  | 91.1      | 23.7565 | 24.7896 |
| 2009 | 6     | 30  | 9    | 30     | 50     | 0.3       | 3.6     | 1.16  | 91.1      | 23.7565 | 24.4414 |
| 2009 | 6     | 30  | 9    | 40     | 50     | 0.3       | 3.6     | 1.17  | 90        | 23.7791 | 24.6744 |
| 2009 | 6     | 30  | 9    | 50     | 50     | 0.3       | 3.6     | 1.17  | 91.9      | 23.7791 | 24.6047 |
| 2009 | 6     | 30  | 10   | 0      | 50     | 0.3       | 3.6     | 1.17  | 90.6      | 23.7791 | 24.6047 |
| 2009 | 6     | 30  | 10   | 10     | 50     | 0.3       | 3.6     | 1.21  | 92.3      | 23.7565 | 25.4861 |
| 2009 | 6     | 30  | 10   | 20     | 50     | 0.3       | 3.6     | 1.16  | 90.6      | 23.7791 | 24.4653 |
| 2009 | 6     | 30  | 10   | 30     | 50     | 0.3       | 3.6     | 1.19  | 92.2      | 23.7565 | 24.9289 |
| 2009 | 6     | 30  | 10   | 40     | 50     | 0.3       | 3.6     | 1.18  | 92.1      | 23.7791 | 24.8139 |
| 2009 | 6     | 30  | 10   | 50     | 50     | 0.3       | 3.6     | 1.2   | 89.8      | 23.7565 | 25.2075 |
| 2009 | 6     | 30  | 11   | 0      | 50     | 0.3       | 3.6     | 1.18  | 91.9      | 23.7565 | 24.6503 |
| 2009 | 6     | 30  | 11   | 10     | 50     | 0.3       | 3.6     | 1.17  | 91.8      | 23.7791 | 24.535  |
| 2009 | 6     | 30  | 11   | 20     | 50     | 0.3       | 3.6     | 1.17  | 91.3      | 23.7791 | 24.6744 |
| 2009 | 6     | 30  | 11   | 30     | 50     | 0.3       | 3.6     | 1.2   | 92.5      | 23.7791 | 25.2322 |
| 2009 | 6     | 30  | 11   | 40     | 50     | 0.3       | 3.6     | 1.16  | 91        | 23.7791 | 24.4653 |
| 2009 | 6     | 30  | 11   | 50     | 50     | 0.3       | 3.6     | 1.22  | 91.4      | 23.7791 | 25.5808 |
| 2009 | 6     | 30  | 12   | 0      | 50     | 0.3       | 3.6     | 1.2   | 92.4      | 23.7791 | 25.0927 |
| 2009 | 6     | 30  | 12   | 10     | 50     | 0.3       | 3.6     | 1.21  | 92.9      | 23.7791 | 25.4413 |
| 2009 | 6     | 30  | 12   | 20     | 50     | 0.3       | 3.6     | 1.17  | 91.6      | 23.7791 | 24.6047 |
| 2009 | 6     | 30  | 12   | 30     | 50     | 0.3       | 3.6     | 1.17  | 92.6      | 23.7791 | 24.535  |
| 2009 | 6     | 30  | 12   | 40     | 50     | 0.3       | 3.6     | 1.2   | 89.8      | 23.7791 | 25.1624 |
| 2009 | 6     | 30  | 12   | 50     | 50     | 0.3       | 3.6     | 1.21  | 92        | 23.7791 | 25.3716 |
| 2009 | 6     | 30  | 13   | 0      | 50     | 0.3       | 3.6     | 1.17  | 90.6      | 23.7791 | 24.535  |
| 2009 | 6     | 30  | 13   | 10     | 50     | 0.3       | 3.6     | 1.2   | 89.8      | 23.7791 | 25.1624 |
| 2009 | 6     | 30  | 13   | 20     | 50     | 0.3       | 3.6     | 1.19  | 90.6      | 23.8016 | 24.9777 |
| 2009 | 6     | 30  | 13   | 30     | 50     | 0.3       | 3.6     | 1.22  | 90        | 23.8016 | 25.6756 |
| 2009 | 6     | 30  | 13   | 40     | 50     | 0.3       | 3.6     | 1.19  | 90        | 23.8016 | 24.9777 |
| 2009 | 6     | 30  | 13   | 50     | 50     | 0.3       | 3.6     | 1.18  | 90.6      | 23.7791 | 24.7442 |
| 2009 | 6     | 30  | 14   | 0      | 50     | 0.3       | 3.6     | 1.18  | 91.4      | 23.8016 | 24.9079 |
| 2009 | 6     | 30  | 14   | 10     | 50     | 0.3       | 3.6     | 1.19  | 90.8      | 23.8016 | 24.9777 |
| 2009 | 6     | 30  | 14   | 20     | 50     | 0.3       | 3.6     | 1.16  | 91.1      | 23.8016 | 24.4195 |
| 2009 | 6     | 30  | 14   | 30     | 50     | 0.3       | 3.6     | 1.18  | 92.1      | 23.8016 | 24.8381 |
| 2009 | 6     | 30  | 14   | 40     | 50     | 0.3       | 3.6     | 1.18  | 89.5      | 23.8016 | 24.9079 |
| 2009 | 6     | 30  | 14   | 50     | 50     | 0.3       | 3.6     | 1.22  | 90.5      | 23.8016 | 25.6756 |
| 2009 | 6     | 30  | 15   | 0      | 50     | 0.3       | 3.6     | 1.19  | 90        | 23.8016 | 25.0475 |
| 2009 | 6     | 30  | 15   | 10     | 50     | 0.3       | 3.6     | 1.21  | 91.4      | 23.8016 | 25.3964 |
| 2009 | 6     | 30  | 15   | 20     | 50     | 0.3       | 3.6     | 1.2   | 91.2      | 23.8016 | 25.3266 |
| 2009 | 6     | 30  | 15   | 30     | 50     | 0.3       | 3.6     | 1.18  | 91.6      | 23.8016 | 24.7684 |
| 2009 | 6     | 30  | 15   | 40     | 50     | 0.3       | 3.6     | 1.16  | 89.8      | 23.8016 | 24.4893 |
| 2009 | 6     | 30  | 15   | 50     | 50     | 0.3       | 3.6     | 1.19  | 90        | 23.8016 | 25.0475 |
| 2009 | 6     | 30  | 16   | 0      | 50     | 0.3       | 3.6     | 1.16  | 91.1      | 23.8016 | 24.4195 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 30  | 16   | 10     | 50     | 0.3       | 3.6     | 1.18  | 91.8      | 23.8016 | 24.8381 |
| 2009 | 6     | 30  | 16   | 20     | 50     | 0.3       | 3.6     | 1.19  | 90.6      | 23.8016 | 25.0475 |
| 2009 | 6     | 30  | 16   | 30     | 50     | 0.3       | 3.6     | 1.19  | 89.5      | 23.8016 | 24.9777 |
| 2009 | 6     | 30  | 16   | 40     | 50     | 0.3       | 3.6     | 1.2   | 91.7      | 23.8016 | 25.1871 |
| 2009 | 6     | 30  | 16   | 50     | 50     | 0.3       | 3.6     | 1.22  | 92.6      | 23.8016 | 25.536  |
| 2009 | 6     | 30  | 17   | 0      | 50     | 0.3       | 3.6     | 1.18  | 93.5      | 23.8016 | 24.7684 |
| 2009 | 6     | 30  | 17   | 10     | 50     | 0.3       | 3.6     | 1.15  | 91.8      | 23.8016 | 24.1405 |
| 2009 | 6     | 30  | 17   | 20     | 50     | 0.3       | 3.6     | 1.2   | 89.7      | 23.8016 | 25.2568 |
| 2009 | 6     | 30  | 17   | 30     | 50     | 0.3       | 3.6     | 1.16  | 91.9      | 23.8016 | 24.4195 |
| 2009 | 6     | 30  | 17   | 40     | 50     | 0.3       | 3.6     | 1.19  | 91.3      | 23.8016 | 24.9777 |
| 2009 | 6     | 30  | 17   | 50     | 50     | 0.3       | 3.6     | 1.19  | 91.9      | 23.8016 | 24.9777 |
| 2009 | 6     | 30  | 18   | 0      | 50     | 0.3       | 3.6     | 1.2   | 90        | 23.8016 | 25.1871 |
| 2009 | 6     | 30  | 18   | 10     | 50     | 0.3       | 3.6     | 1.2   | 89.8      | 23.8016 | 25.2568 |
| 2009 | 6     | 30  | 18   | 20     | 50     | 0.3       | 3.6     | 1.21  | 90.9      | 23.8016 | 25.536  |
| 2009 | 6     | 30  | 18   | 30     | 50     | 0.3       | 3.6     | 1.2   | 92.2      | 23.8016 | 25.2568 |
| 2009 | 6     | 30  | 18   | 40     | 50     | 0.3       | 3.6     | 1.2   | 90.5      | 23.8016 | 25.3266 |
| 2009 | 6     | 30  | 18   | 50     | 50     | 0.3       | 3.6     | 1.15  | 91.3      | 23.8016 | 24.2102 |
| 2009 | 6     | 30  | 19   | 0      | 50     | 0.3       | 3.6     | 1.22  | 91.2      | 23.8016 | 25.7454 |
| 2009 | 6     | 30  | 19   | 10     | 50     | 0.3       | 3.6     | 1.22  | 90.6      | 23.8016 | 25.6058 |
| 2009 | 6     | 30  | 19   | 20     | 50     | 0.3       | 3.6     | 1.21  | 90.2      | 23.8016 | 25.3964 |
| 2009 | 6     | 30  | 19   | 30     | 50     | 0.3       | 3.6     | 1.18  | 91.3      | 23.8016 | 24.8381 |
| 2009 | 6     | 30  | 19   | 40     | 50     | 0.3       | 3.6     | 1.2   | 91.9      | 23.8016 | 25.2568 |
| 2009 | 6     | 30  | 19   | 50     | 50     | 0.3       | 3.6     | 1.18  | 90.3      | 23.8016 | 24.9079 |
| 2009 | 6     | 30  | 20   | 0      | 50     | 0.3       | 3.6     | 1.21  | 91.9      | 23.8016 | 25.4662 |
| 2009 | 6     | 30  | 20   | 10     | 50     | 0.3       | 3.6     | 1.16  | 91.8      | 23.8016 | 24.3498 |
| 2009 | 6     | 30  | 20   | 20     | 50     | 0.3       | 3.6     | 1.17  | 91.3      | 23.8016 | 24.6288 |
| 2009 | 6     | 30  | 20   | 30     | 50     | 0.3       | 3.6     | 1.19  | 91.3      | 23.8242 | 25.072  |
| 2009 | 6     | 30  | 20   | 40     | 50     | 0.3       | 3.6     | 1.23  | 90.8      | 23.8016 | 25.8152 |
| 2009 | 6     | 30  | 20   | 50     | 50     | 0.3       | 3.6     | 1.19  | 90.6      | 23.8242 | 25.072  |
| 2009 | 6     | 30  | 21   | 0      | 50     | 0.3       | 3.6     | 1.16  | 92.4      | 23.8242 | 24.4434 |
| 2009 | 6     | 30  | 21   | 10     | 50     | 0.3       | 3.6     | 1.2   | 92        | 23.8242 | 25.2815 |
| 2009 | 6     | 30  | 21   | 20     | 50     | 0.3       | 3.6     | 1.21  | 92.2      | 23.8242 | 25.4213 |
| 2009 | 6     | 30  | 21   | 30     | 50     | 0.3       | 3.6     | 1.19  | 91.9      | 23.8242 | 24.9323 |
| 2009 | 6     | 30  | 21   | 40     | 50     | 0.3       | 3.6     | 1.2   | 91.9      | 23.8242 | 25.3514 |
| 2009 | 6     | 30  | 21   | 50     | 50     | 0.3       | 3.6     | 1.22  | 92.5      | 23.8242 | 25.561  |
| 2009 | 6     | 30  | 22   | 0      | 50     | 0.3       | 3.6     | 1.15  | 92.1      | 23.8242 | 24.2339 |
| 2009 | 6     | 30  | 22   | 10     | 50     | 0.3       | 3.6     | 1.2   | 91.3      | 23.8242 | 25.2117 |
| 2009 | 6     | 30  | 22   | 20     | 50     | 0.3       | 3.6     | 1.18  | 90.3      | 23.8242 | 24.7926 |
| 2009 | 6     | 30  | 22   | 30     | 50     | 0.3       | 3.6     | 1.17  | 90.3      | 23.8242 | 24.6529 |
| 2009 | 6     | 30  | 22   | 40     | 50     | 0.3       | 3.6     | 1.16  | 91.8      | 23.8242 | 24.3736 |
| 2009 | 6     | 30  | 22   | 50     | 50     | 0.3       | 3.6     | 1.19  | 90.8      | 23.8467 | 25.1664 |
| 2009 | 6     | 30  | 23   | 0      | 50     | 0.3       | 3.6     | 1.17  | 91.4      | 23.8467 | 24.7469 |
| 2009 | 6     | 30  | 23   | 10     | 50     | 0.3       | 3.6     | 1.2   | 91.6      | 23.8467 | 25.2363 |
| 2009 | 6     | 30  | 23   | 20     | 50     | 0.3       | 3.6     | 1.2   | 90.9      | 23.8467 | 25.2363 |
| 2009 | 6     | 30  | 23   | 30     | 50     | 0.3       | 3.6     | 1.18  | 91.3      | 23.8693 | 24.841  |
| 2009 | 6     | 30  | 23   | 40     | 50     | 0.3       | 3.6     | 1.18  | 91.9      | 23.8693 | 24.841  |
| 2009 | 6     | 30  | 23   | 50     | 50     | 0.3       | 3.6     | 1.14  | 90.8      | 23.8918 | 24.0948 |

File\_Name 090607KB.LOR.WAD  
 Start\_Date\_and\_Time 2009/06/07 10:28:25  
 Site\_Name LOR AT KEELER BRIDGE  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P1685  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge LEW  
 #\_Stations 14  
 Total\_Width 20.100 ft  
 Total\_Area 67.930 ft^2  
 Total\_Discharge 65.6131 cfs  
 Mean\_Depth 3.380 ft  
 Mean\_Velocity 0.9659 ft/s  
 Mean\_SNR 36.0 dB  
 Mean\_Verr 0.0170 ft/s  
 Mean\_Temp 62.49 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 3.9 %  
 Accuracy 1.0 %  
 Depth 0.2 %  
 Velocity 0.3 %  
 Width 0.2 %  
 Method 1.1 %  
 #\_Stations 3.6 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 3.5 %  
 Accuracy 1.0 %  
 Depth 0.0 %  
 Velocity 3.4 %  
 Width 0.2 %

#### Supplemental\_Data

Gauge\_Height\_Change 0.000 ft

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/07 | 10:26:04 | 0.000        | 3.350            | 60.4735         |          |
| 02     | 2009/06/07 | 11:14:29 | 21.400       | 3.350            | 61.4236         |          |

## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/7/2009 10:26

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc  | Depth | %Dep | MeasD | Npts | Spike | Vel    | SNR  | Angle | Verr   | Bnd | Temp   | CorrFact | MeanV  | Area   | Flow   | %Q   |
|----|-------|------|-------|------|-------|------|-------|--------|------|-------|--------|-----|--------|----------|--------|--------|--------|------|
| () | ()    | (ft) | (ft)  | (*D) | (ft)  | ()   | ()    | (ft/s) | (dB) | (deg) | (ft/s) | ()  | (degF) | ()       | (ft/s) | (ft^2) | (cfs)  | (%)  |
| 0  | 10:28 | 1.3  | 3.35  | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0.4396 | 1.173  | 0.5155 | 0.8  |
| 1  | 10:31 | 2    | 3.35  | 0.2  | 2.68  | 40   | 0     | 0.338  | 34.4 | 7     | 0.044  | 0   | 62.28  | 1        | 0.4396 | 2.848  | 1.2517 | 1.9  |
| 1  | 10:30 | 2    | 3.35  | 0.6  | 1.34  | 40   | 0     | 0.345  | 35   | -7    | 0.051  | 0   | 62.24  | 0        | 0      | 0      | 0      | 0    |
| 1  | 10:29 | 2    | 3.35  | 0.8  | 0.67  | 40   | 0     | 0.73   | 35.2 | -4    | 0.028  | 0   | 62.24  | 0        | 0      | 0      | 0      | 0    |
| 2  | 10:33 | 3    | 3.37  | 0.2  | 2.696 | 40   | 1     | 1.09   | 35.2 | -4    | 0.024  | 0   | 62.26  | 1        | 1.0256 | 5.055  | 5.1845 | 7.9  |
| 2  | 10:38 | 3    | 3.37  | 0.8  | 0.674 | 40   | 0     | 0.961  | 36.3 | -5    | 0.021  | 0   | 62.35  | 0        | 0      | 0      | 0      | 0    |
| 3  | 10:45 | 5    | 3.37  | 0.2  | 2.696 | 40   | 2     | 1.183  | 35.4 | -6    | 0.009  | 0   | 62.4   | 1        | 0.9821 | 6.74   | 6.6196 | 10.1 |
| 3  | 10:40 | 5    | 3.37  | 0.8  | 0.674 | 40   | 0     | 0.781  | 36.3 | -8    | 0.029  | 0   | 62.37  | 0        | 0      | 0      | 0      | 0    |
| 4  | 10:46 | 7    | 3.38  | 0.2  | 2.704 | 40   | 0     | 1.129  | 35.9 | -4    | 0.01   | 0   | 62.4   | 1        | 1.0807 | 6.76   | 7.3054 | 11.1 |
| 4  | 10:49 | 7    | 3.38  | 0.8  | 0.676 | 40   | 0     | 1.032  | 36.1 | -5    | 0.017  | 0   | 62.44  | 0        | 0      | 0      | 0      | 0    |
| 5  | 10:51 | 9    | 3.39  | 0.2  | 2.712 | 40   | 0     | 1.135  | 35.4 | -2    | 0.006  | 0   | 62.46  | 1        | 1.0481 | 6.78   | 7.1061 | 10.8 |
| 5  | 10:50 | 9    | 3.39  | 0.8  | 0.678 | 40   | 0     | 0.961  | 36.8 | -8    | 0.018  | 0   | 62.44  | 0        | 0      | 0      | 0      | 0    |
| 6  | 10:53 | 11   | 3.39  | 0.2  | 2.712 | 40   | 2     | 1.063  | 36.3 | -1    | 0.014  | 0   | 62.46  | 1        | 1.0344 | 6.78   | 7.0138 | 10.7 |
| 6  | 10:53 | 11   | 3.39  | 0.8  | 0.678 | 40   | 0     | 1.006  | 37.6 | -7    | 0.012  | 0   | 62.46  | 0        | 0      | 0      | 0      | 0    |
| 7  | 10:56 | 13   | 3.39  | 0.2  | 2.712 | 40   | 0     | 1.072  | 36.3 | -1    | 0.011  | 0   | 62.51  | 1        | 0.9818 | 6.78   | 6.6567 | 10.1 |
| 7  | 10:55 | 13   | 3.39  | 0.8  | 0.678 | 40   | 0     | 0.891  | 38   | -6    | 0.019  | 0   | 62.47  | 0        | 0      | 0      | 0      | 0    |
| 8  | 10:56 | 15   | 3.39  | 0.2  | 2.712 | 40   | 1     | 1.043  | 36.5 | -4    | 0.007  | 0   | 62.53  | 1        | 1.0187 | 6.78   | 6.907  | 10.5 |
| 8  | 10:58 | 15   | 3.39  | 0.8  | 0.678 | 40   | 1     | 0.995  | 37.8 | 0     | 0.011  | 0   | 62.53  | 0        | 0      | 0      | 0      | 0    |
| 9  | 11:00 | 17   | 3.39  | 0.2  | 2.712 | 40   | 0     | 1.061  | 35.7 | -4    | 0.008  | 0   | 62.56  | 1        | 1.0558 | 6.78   | 7.1583 | 10.9 |
| 9  | 10:59 | 17   | 3.39  | 0.8  | 0.678 | 40   | 0     | 1.05   | 36.7 | -2    | 0.008  | 0   | 62.55  | 0        | 0      | 0      | 0      | 0    |
| 10 | 11:01 | 19   | 3.38  | 0.2  | 2.704 | 40   | 0     | 1.053  | 34.6 | -3    | 0.007  | 0   | 62.6   | 1        | 0.9547 | 5.07   | 4.8403 | 7.4  |
| 10 | 11:02 | 19   | 3.38  | 0.8  | 0.676 | 40   | 0     | 0.856  | 36.7 | 2     | 0.014  | 0   | 62.6   | 0        | 0      | 0      | 0      | 0    |
| 11 | 11:04 | 20   | 3.36  | 0.2  | 2.688 | 40   | 0     | 0.979  | 35.2 | 0     | 0.015  | 0   | 62.69  | 1        | 0.8911 | 3.36   | 2.9939 | 4.6  |
| 11 | 11:03 | 20   | 3.36  | 0.8  | 0.672 | 40   | 0     | 0.803  | 36.3 | 2     | 0.017  | 0   | 62.64  | 0        | 0      | 0      | 0      | 0    |
| 12 | 11:06 | 21   | 3.36  | 0.2  | 2.688 | 40   | 0     | 0.537  | 35.4 | -11   | 0.029  | 0   | 62.73  | 1        | 0.6813 | 2.352  | 1.6024 | 2.4  |
| 12 | 11:09 | 21   | 3.36  | 0.6  | 1.344 | 40   | 0     | 0.73   | 35.2 | -3    | 0.025  | 0   | 62.74  | 0        | 0      | 0      | 0      | 0    |
| 12 | 11:08 | 21   | 3.36  | 0.8  | 0.672 | 40   | 0     | 0.729  | 35   | -2    | 0.023  | 0   | 62.76  | 0        | 0      | 0      | 0      | 0    |
| 13 | 11:08 | 21.4 | 3.36  | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0.6813 | 0.672  | 0.4578 | 0.7  |



File\_Name 090608KB.LOR.WAD  
 Start\_Date\_and\_Time 2009/06/08 14:41:51  
 Site\_Name LOR AT KEELER BRIDGE  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P1685  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge LEW  
 #\_Stations 14  
 Total\_Width 20.100 ft  
 Total\_Area 68.652 ft^2  
 Total\_Discharge 69.2849 cfs  
 Mean\_Depth 3.416 ft  
 Mean\_Velocity 1.0092 ft/s  
 Mean\_SNR 35.7 dB  
 Mean\_Verr 0.0174 ft/s  
 Mean\_Temp 66.68 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 3.9 %  
 Accuracy 1.0 %  
 Depth 0.2 %  
 Velocity 0.3 %  
 Width 0.2 %  
 Method 1.1 %  
 #\_Stations 3.6 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 2.4 %  
 Accuracy 1.0 %  
 Depth 0.0 %  
 Velocity 2.2 %  
 Width 0.2 %

#### Supplemental\_Data

Gauge\_Height\_Change 0.000 ft

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/08 | 14:39:01 | 0.000        | 3.380            | 64.2437         |          |
| 02     | 2009/06/08 | 15:11:26 | 21.400       | 3.380            | 65.6938         |          |

## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/8/2009 14:39

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc  | Depth | %Dep | MeasD | Npts | Spike | Vel    | SNR  | Angle | Verr   | Bnd | Temp   | CorrFact | MeanV  | Area   | Flow   | %Q   |
|----|-------|------|-------|------|-------|------|-------|--------|------|-------|--------|-----|--------|----------|--------|--------|--------|------|
| () | ()    | (ft) | (ft)  | (*D) | (ft)  | ()   | ()    | (ft/s) | (dB) | (deg) | (ft/s) | ()  | (degF) | ()       | (ft/s) | (ft^2) | (cfs)  | (%)  |
| 0  | 14:41 | 1.3  | 3.39  | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0.7584 | 1.187  | 0.9    | 1.3  |
| 1  | 14:44 | 2    | 3.41  | 0.2  | 2.728 | 40   | 1     | 0.714  | 34.6 | -1    | 0.054  | 0   | 66.6   | 1        | 0.7584 | 2.899  | 2.1984 | 3.2  |
| 1  | 14:43 | 2    | 3.41  | 0.6  | 1.364 | 40   | 0     | 0.654  | 34.8 | 0     | 0.051  | 0   | 66.6   | 0        | 0      | 0      | 0      | 0    |
| 1  | 14:41 | 2    | 3.41  | 0.8  | 0.682 | 40   | 1     | 1.012  | 35.2 | 1     | 0.04   | 0   | 66.58  | 0        | 0      | 0      | 0      | 0    |
| 2  | 14:45 | 3    | 3.41  | 0.2  | 2.728 | 40   | 1     | 1.185  | 35   | -7    | 0.019  | 0   | 66.6   | 1        | 1.1015 | 5.115  | 5.6346 | 8.1  |
| 2  | 14:46 | 3    | 3.41  | 0.8  | 0.682 | 40   | 2     | 1.018  | 35.6 | -8    | 0.025  | 0   | 66.6   | 0        | 0      | 0      | 0      | 0    |
| 3  | 14:48 | 5    | 3.41  | 0.2  | 2.728 | 40   | 0     | 1.203  | 35.5 | -3    | 0.008  | 0   | 66.61  | 1        | 1.0171 | 6.82   | 6.9366 | 10   |
| 3  | 14:47 | 5    | 3.41  | 0.8  | 0.682 | 40   | 0     | 0.831  | 35.9 | -11   | 0.023  | 0   | 66.61  | 0        | 0      | 0      | 0      | 0    |
| 4  | 14:49 | 7    | 3.42  | 0.2  | 2.736 | 40   | 0     | 1.15   | 35.7 | -3    | 0.007  | 0   | 66.61  | 1        | 1.0494 | 6.84   | 7.1776 | 10.4 |
| 4  | 14:50 | 7    | 3.42  | 0.8  | 0.684 | 40   | 1     | 0.949  | 36.5 | -5    | 0.016  | 0   | 66.61  | 0        | 0      | 0      | 0      | 0    |
| 5  | 14:52 | 9    | 3.42  | 0.2  | 2.736 | 40   | 0     | 1.128  | 35.2 | -2    | 0.009  | 0   | 66.65  | 1        | 1.0474 | 6.84   | 7.1642 | 10.3 |
| 5  | 14:51 | 9    | 3.42  | 0.8  | 0.684 | 40   | 0     | 0.967  | 37   | -3    | 0.02   | 0   | 66.61  | 0        | 0      | 0      | 0      | 0    |
| 6  | 14:53 | 11   | 3.42  | 0.2  | 2.736 | 40   | 0     | 1.122  | 36.1 | -1    | 0.009  | 0   | 66.67  | 1        | 1.1312 | 6.84   | 7.7375 | 11.2 |
| 6  | 14:54 | 11   | 3.42  | 0.8  | 0.684 | 40   | 0     | 1.14   | 36.3 | -5    | 0.011  | 0   | 66.67  | 0        | 0      | 0      | 0      | 0    |
| 7  | 14:56 | 13   | 3.42  | 0.2  | 2.736 | 40   | 0     | 1.126  | 35.4 | -4    | 0.007  | 0   | 66.69  | 1        | 1.0671 | 6.84   | 7.2988 | 10.5 |
| 7  | 14:55 | 13   | 3.42  | 0.8  | 0.684 | 40   | 0     | 1.008  | 37   | -3    | 0.015  | 0   | 66.67  | 0        | 0      | 0      | 0      | 0    |
| 8  | 14:57 | 15   | 3.42  | 0.2  | 2.736 | 40   | 0     | 1.114  | 34.6 | -5    | 0.008  | 0   | 66.72  | 1        | 1.0794 | 6.84   | 7.383  | 10.7 |
| 8  | 14:58 | 15   | 3.42  | 0.8  | 0.684 | 40   | 0     | 1.045  | 36.5 | 0     | 0.015  | 0   | 66.7   | 0        | 0      | 0      | 0      | 0    |
| 9  | 15:00 | 17   | 3.42  | 0.2  | 2.736 | 40   | 0     | 1.081  | 35.4 | -4    | 0.011  | 0   | 66.72  | 1        | 1.0543 | 6.84   | 7.2113 | 10.4 |
| 9  | 14:59 | 17   | 3.42  | 0.8  | 0.684 | 40   | 0     | 1.028  | 37   | 0     | 0.012  | 0   | 66.7   | 0        | 0      | 0      | 0      | 0    |
| 10 | 15:01 | 19   | 3.41  | 0.2  | 2.728 | 40   | 0     | 1.018  | 35   | -3    | 0.011  | 0   | 66.76  | 1        | 0.9303 | 5.115  | 4.7585 | 6.9  |
| 10 | 15:02 | 19   | 3.41  | 0.8  | 0.682 | 40   | 0     | 0.842  | 36.5 | 3     | 0.019  | 0   | 66.76  | 0        | 0      | 0      | 0      | 0    |
| 11 | 15:04 | 20   | 3.41  | 0.2  | 2.728 | 40   | 2     | 0.939  | 35.2 | -4    | 0.007  | 0   | 66.79  | 1        | 0.8588 | 3.41   | 2.9285 | 4.2  |
| 11 | 15:03 | 20   | 3.41  | 0.8  | 0.682 | 40   | 0     | 0.779  | 35.6 | 1     | 0.018  | 0   | 66.78  | 0        | 0      | 0      | 0      | 0    |
| 12 | 15:05 | 21   | 3.41  | 0.2  | 2.728 | 40   | 0     | 0.614  | 33.7 | -4    | 0.027  | 0   | 66.81  | 1        | 0.6378 | 2.387  | 1.5224 | 2.2  |
| 12 | 15:06 | 21   | 3.41  | 0.6  | 1.364 | 40   | 0     | 0.652  | 35.6 | -2    | 0.025  | 0   | 66.81  | 0        | 0      | 0      | 0      | 0    |
| 12 | 15:07 | 21   | 3.41  | 0.8  | 0.682 | 40   | 0     | 0.634  | 35   | 0     | 0.023  | 0   | 66.83  | 0        | 0      | 0      | 0      | 0    |
| 13 | 15:07 | 21.4 | 3.4   | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0.6378 | 0.68   | 0.4336 | 0.6  |

File\_Name 090609KB.LOR.WAD  
 Start\_Date\_and\_Time 2009/06/09 09:49:40  
 Site\_Name LOR AT KEELER  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P1685  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge LEW  
 #\_Stations 14  
 Total\_Width 20.100 ft  
 Total\_Area 67.969 ft^2  
 Total\_Discharge 64.9477 cfs  
 Mean\_Depth 3.382 ft  
 Mean\_Velocity 0.9556 ft/s  
 Mean\_SNR 36.6 dB  
 Mean\_Verr 0.0184 ft/s  
 Mean\_Temp 63.97 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 3.9 %  
 Accuracy 1.0 %  
 Depth 0.2 %  
 Velocity 0.3 %  
 Width 0.2 %  
 Method 1.1 %  
 #\_Stations 3.6 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 3.0 %  
 Accuracy 1.0 %  
 Depth 0.0 %  
 Velocity 2.8 %  
 Width 0.2 %

#### Supplemental\_Data

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/09 | 09:45:00 | 0.000        | 3.350            | 60.4735         |          |

## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/9/2009 9:48

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc  | Depth | %Dep | MeasD | Npts | Spike | Vel    | SNR  | Angle | Verr   | Bnd | Temp   | CorrFact | MeanV  | Area   | Flow   | %Q   |
|----|-------|------|-------|------|-------|------|-------|--------|------|-------|--------|-----|--------|----------|--------|--------|--------|------|
| () | ()    | (ft) | (ft)  | (*D) | (ft)  | ()   | ()    | (ft/s) | (dB) | (deg) | (ft/s) | ()  | (degF) | ()       | (ft/s) | (ft^2) | (cfs)  | (%)  |
| 0  | 9:49  | 1.3  | 3.35  | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0.5971 | 1.173  | 0.7003 | 1.1  |
| 1  | 9:52  | 2    | 3.36  | 0.2  | 2.688 | 40   | 0     | 0.324  | 35.4 | 0     | 0.048  | 0   | 63.91  | 1        | 0.5971 | 2.856  | 1.7054 | 2.6  |
| 1  | 9:50  | 2    | 3.36  | 0.6  | 1.344 | 40   | 0     | 0.599  | 35.7 | 0     | 0.045  | 0   | 63.88  | 0        | 0      | 0      | 0      | 0    |
| 1  | 9:49  | 2    | 3.36  | 0.8  | 0.672 | 40   | 0     | 0.868  | 35   | 1     | 0.042  | 0   | 63.86  | 0        | 0      | 0      | 0      | 0    |
| 2  | 9:53  | 3    | 3.37  | 0.2  | 2.696 | 40   | 3     | 1.058  | 35.2 | -1    | 0.022  | 0   | 63.91  | 1        | 1.0336 | 5.055  | 5.2251 | 8    |
| 2  | 9:54  | 3    | 3.37  | 0.8  | 0.674 | 40   | 1     | 1.009  | 36.1 | -2    | 0.023  | 0   | 63.91  | 0        | 0      | 0      | 0      | 0    |
| 3  | 9:57  | 5    | 3.37  | 0.2  | 2.696 | 40   | 0     | 1.181  | 36.1 | -4    | 0.008  | 0   | 63.93  | 1        | 0.9418 | 6.74   | 6.3476 | 9.8  |
| 3  | 9:56  | 5    | 3.37  | 0.8  | 0.674 | 40   | 0     | 0.702  | 36.9 | -9    | 0.034  | 0   | 63.91  | 0        | 0      | 0      | 0      | 0    |
| 4  | 9:59  | 7    | 3.39  | 0.2  | 2.712 | 40   | 0     | 1.108  | 36.5 | -2    | 0.011  | 0   | 63.93  | 1        | 1.0343 | 6.78   | 7.0126 | 10.8 |
| 4  | 10:00 | 7    | 3.39  | 0.8  | 0.678 | 40   | 0     | 0.96   | 37.2 | -6    | 0.016  | 0   | 63.93  | 0        | 0      | 0      | 0      | 0    |
| 5  | 10:02 | 9    | 3.39  | 0.2  | 2.712 | 40   | 0     | 1.106  | 36.7 | 0     | 0.011  | 0   | 63.95  | 1        | 1.0235 | 6.78   | 6.9392 | 10.7 |
| 5  | 10:01 | 9    | 3.39  | 0.8  | 0.678 | 40   | 0     | 0.941  | 37   | -7    | 0.015  | 0   | 63.93  | 0        | 0      | 0      | 0      | 0    |
| 6  | 10:03 | 11   | 3.39  | 0.2  | 2.712 | 40   | 2     | 1.078  | 36.7 | -4    | 0.01   | 0   | 63.95  | 1        | 1.0213 | 6.78   | 6.9248 | 10.7 |
| 6  | 10:05 | 11   | 3.39  | 0.8  | 0.678 | 40   | 0     | 0.965  | 37.2 | -4    | 0.018  | 0   | 63.95  | 0        | 0      | 0      | 0      | 0    |
| 7  | 10:07 | 13   | 3.39  | 0.2  | 2.712 | 40   | 0     | 1.075  | 36.8 | -2    | 0.011  | 0   | 63.97  | 1        | 0.9857 | 6.78   | 6.6834 | 10.3 |
| 7  | 10:06 | 13   | 3.39  | 0.8  | 0.678 | 40   | 0     | 0.896  | 37.8 | -3    | 0.02   | 0   | 63.97  | 0        | 0      | 0      | 0      | 0    |
| 8  | 10:08 | 15   | 3.39  | 0.2  | 2.712 | 40   | 0     | 1.042  | 36.7 | -1    | 0.008  | 0   | 63.97  | 1        | 1.0148 | 6.78   | 6.8803 | 10.6 |
| 8  | 10:09 | 15   | 3.39  | 0.8  | 0.678 | 40   | 0     | 0.987  | 38   | 1     | 0.014  | 0   | 63.99  | 0        | 0      | 0      | 0      | 0    |
| 9  | 10:11 | 17   | 3.39  | 0.2  | 2.712 | 40   | 0     | 1.017  | 37.2 | -3    | 0.009  | 0   | 64     | 1        | 1.0154 | 6.78   | 6.8847 | 10.6 |
| 9  | 10:10 | 17   | 3.39  | 0.8  | 0.678 | 40   | 0     | 1.014  | 37.6 | 2     | 0.013  | 0   | 63.99  | 0        | 0      | 0      | 0      | 0    |
| 10 | 10:13 | 19   | 3.38  | 0.2  | 2.704 | 40   | 1     | 1.059  | 36.9 | -1    | 0.009  | 0   | 64.02  | 1        | 0.9403 | 5.07   | 4.7672 | 7.3  |
| 10 | 10:13 | 19   | 3.38  | 0.8  | 0.676 | 40   | 0     | 0.822  | 37.6 | 5     | 0.019  | 0   | 64.04  | 0        | 0      | 0      | 0      | 0    |
| 11 | 10:17 | 20   | 3.37  | 0.2  | 2.696 | 40   | 0     | 0.943  | 35.4 | -1    | 0.009  | 0   | 64.08  | 1        | 0.8848 | 3.37   | 2.982  | 4.6  |
| 11 | 10:16 | 20   | 3.37  | 0.8  | 0.674 | 40   | 0     | 0.827  | 36.7 | 7     | 0.017  | 0   | 64.06  | 0        | 0      | 0      | 0      | 0    |
| 12 | 10:18 | 21   | 3.36  | 0.2  | 2.688 | 40   | 0     | 0.464  | 34.8 | -7    | 0.03   | 0   | 64.09  | 1        | 0.6267 | 2.352  | 1.4739 | 2.3  |
| 12 | 10:19 | 21   | 3.36  | 0.6  | 1.344 | 40   | 0     | 0.693  | 36.1 | -1    | 0.028  | 0   | 64.09  | 0        | 0      | 0      | 0      | 0    |
| 12 | 10:20 | 21   | 3.36  | 0.8  | 0.672 | 40   | 0     | 0.658  | 35.7 | 0     | 0.025  | 0   | 64.09  | 0        | 0      | 0      | 0      | 0    |
| 13 | 10:20 | 21.4 | 3.36  | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0.6267 | 0.672  | 0.4211 | 0.6  |

File\_Name 090629KB.LOR.WAD  
 Start\_Date\_and\_Time 2009/06/29 10:00:46  
 Site\_Name LOR AT KEELER BRIDGE  
 Operator(s) BFA  
 Sensor\_Type FlowTracker\_Handheld\_ADV  
 Serial\_# P1685  
 Software\_Ver 2.20 (Build 65 - Jul 2 2007)  
 CPU\_Firmware\_Version 3.5  
 Averaging\_Interval 40 sec  
 Unit\_System English Units  
 Discharge\_Equation Mid-Section  
 Start\_Edge LEW  
 #\_Stations 14  
 Total\_Width 20.100 ft  
 Total\_Area 57.659 ft^2  
 Total\_Discharge 46.2914 cfs  
 Mean\_Depth 2.869 ft  
 Mean\_Velocity 0.8028 ft/s  
 Mean\_SNR 37.7 dB  
 Mean\_Verr 0.0133 ft/s  
 Mean\_Temp 68.10 deg F  
 Mean\_Bnd 0 Best  
 Boundary\_Condition\_(Bnd) 0 Best  
 1 Good  
 2 Fair  
 3 Poor

Discharge\_Uncertainty\_(ISO)  
 Overall 3.9 %  
 Accuracy 1.0 %  
 Depth 0.2 %  
 Velocity 0.3 %  
 Width 0.2 %  
 Method 1.1 %  
 #\_Stations 3.6 %

Discharge\_Uncertainty\_(Statistical)  
 Overall 2.1 %  
 Accuracy 1.0 %  
 Depth 0.0 %  
 Velocity 1.8 %  
 Width 0.2 %

#### Supplemental\_Data

Gauge\_Height\_Change 0.000 ft

| Record | Date       | Time     | Location(ft) | Gauge_Height(ft) | Rated_Flow(cfs) | Comments |
|--------|------------|----------|--------------|------------------|-----------------|----------|
| 01     | 2009/06/29 | 09:59:22 | 0.000        | 2.830            | 43.5825         |          |
| 02     | 2009/06/29 | 10:30:04 | 21.400       | 2.830            | 42.8125         |          |

## Automatic\_Quality\_Control\_Test\_(BeamCheck)

6/29/2009 9:59

Noise\_level\_check Pass

SNR\_check Pass

Peak\_location\_check Pass

Peak\_shape\_check Pass

| St | Clock | Loc  | Depth | %Dep | MeasD | Npts | Spike | Vel    | SNR  | Angle | Verr   | Bnd | Temp   | CorrFact | MeanV  | Area   | Flow   | %Q   |
|----|-------|------|-------|------|-------|------|-------|--------|------|-------|--------|-----|--------|----------|--------|--------|--------|------|
| () | ()    | (ft) | (ft)  | (*D) | (ft)  | ()   | ()    | (ft/s) | (dB) | (deg) | (ft/s) | ()  | (degF) | ()       | (ft/s) | (ft^2) | (cfs)  | (%)  |
| 0  | 10:00 | 1.3  | 2.84  | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0.6028 | 0.994  | 0.5992 | 1.3  |
| 1  | 10:02 | 2    | 2.84  | 0.2  | 2.272 | 40   | 0     | 0.594  | 36.3 | 4     | 0.033  | 0   | 68     | 1        | 0.6028 | 2.414  | 1.4552 | 3.1  |
| 1  | 10:01 | 2    | 2.84  | 0.6  | 1.136 | 40   | 0     | 0.623  | 36.8 | 0     | 0.026  | 0   | 67.96  | 0        | 0      | 0      | 0      | 0    |
| 1  | 10:00 | 2    | 2.84  | 0.8  | 0.568 | 40   | 0     | 0.57   | 37.6 | -3    | 0.025  | 0   | 67.96  | 0        | 0      | 0      | 0      | 0    |
| 2  | 10:04 | 3    | 2.86  | 0.2  | 2.288 | 40   | 4     | 0.929  | 37.2 | -2    | 0.01   | 0   | 67.96  | 1        | 0.8345 | 4.29   | 3.5798 | 7.7  |
| 2  | 10:05 | 3    | 2.86  | 0.8  | 0.572 | 40   | 0     | 0.74   | 37.4 | -6    | 0.016  | 0   | 68     | 0        | 0      | 0      | 0      | 0    |
| 3  | 10:07 | 5    | 2.87  | 0.2  | 2.296 | 40   | 0     | 0.929  | 38.3 | -3    | 0.008  | 0   | 68     | 1        | 0.7861 | 5.74   | 4.5123 | 9.7  |
| 3  | 10:06 | 5    | 2.87  | 0.8  | 0.574 | 40   | 2     | 0.643  | 37.8 | -5    | 0.015  | 0   | 68     | 0        | 0      | 0      | 0      | 0    |
| 4  | 10:08 | 7    | 2.87  | 0.2  | 2.296 | 40   | 0     | 0.952  | 37.6 | -3    | 0.007  | 0   | 68.02  | 1        | 0.8619 | 5.74   | 4.9473 | 10.7 |
| 4  | 10:09 | 7    | 2.87  | 0.8  | 0.574 | 40   | 0     | 0.771  | 38.5 | -7    | 0.014  | 0   | 68.02  | 0        | 0      | 0      | 0      | 0    |
| 5  | 10:11 | 9    | 2.88  | 0.2  | 2.304 | 40   | 0     | 0.912  | 37.8 | -1    | 0.008  | 0   | 68.04  | 1        | 0.8889 | 5.76   | 5.1202 | 11.1 |
| 5  | 10:10 | 9    | 2.88  | 0.8  | 0.576 | 40   | 0     | 0.866  | 38.5 | -4    | 0.014  | 0   | 68.04  | 0        | 0      | 0      | 0      | 0    |
| 6  | 10:12 | 11   | 2.88  | 0.2  | 2.304 | 40   | 0     | 0.909  | 37.6 | 0     | 0.009  | 0   | 68.04  | 1        | 0.8519 | 5.76   | 4.9066 | 10.6 |
| 6  | 10:13 | 11   | 2.88  | 0.8  | 0.576 | 40   | 0     | 0.795  | 38.2 | -5    | 0.011  | 0   | 68.05  | 0        | 0      | 0      | 0      | 0    |
| 7  | 10:15 | 13   | 2.88  | 0.2  | 2.304 | 40   | 0     | 0.868  | 37.6 | -3    | 0.007  | 0   | 68.07  | 1        | 0.8268 | 5.76   | 4.7621 | 10.3 |
| 7  | 10:14 | 13   | 2.88  | 0.8  | 0.576 | 40   | 0     | 0.786  | 38.5 | -3    | 0.013  | 0   | 68.05  | 0        | 0      | 0      | 0      | 0    |
| 8  | 10:16 | 15   | 2.87  | 0.2  | 2.296 | 40   | 0     | 0.89   | 37.8 | -1    | 0.007  | 0   | 68.11  | 1        | 0.8333 | 5.74   | 4.7835 | 10.3 |
| 8  | 10:17 | 15   | 2.87  | 0.8  | 0.574 | 40   | 0     | 0.777  | 38.9 | 2     | 0.013  | 0   | 68.09  | 0        | 0      | 0      | 0      | 0    |
| 9  | 10:19 | 17   | 2.87  | 0.2  | 2.296 | 40   | 0     | 0.861  | 37.2 | -3    | 0.007  | 0   | 68.14  | 1        | 0.8415 | 5.74   | 4.8305 | 10.4 |
| 9  | 10:18 | 17   | 2.87  | 0.8  | 0.574 | 40   | 0     | 0.822  | 38.3 | 0     | 0.011  | 0   | 68.11  | 0        | 0      | 0      | 0      | 0    |
| 10 | 10:20 | 19   | 2.87  | 0.2  | 2.296 | 40   | 0     | 0.834  | 38   | -3    | 0.006  | 0   | 68.18  | 1        | 0.7564 | 4.305  | 3.2564 | 7    |
| 10 | 10:21 | 19   | 2.87  | 0.8  | 0.574 | 40   | 0     | 0.679  | 38.7 | 4     | 0.017  | 0   | 68.18  | 0        | 0      | 0      | 0      | 0    |
| 11 | 10:23 | 20   | 2.86  | 0.2  | 2.288 | 40   | 0     | 0.827  | 37.4 | -1    | 0.009  | 0   | 68.31  | 1        | 0.7065 | 2.86   | 2.0206 | 4.4  |
| 11 | 10:22 | 20   | 2.86  | 0.8  | 0.572 | 40   | 0     | 0.586  | 37.6 | 3     | 0.02   | 0   | 68.27  | 0        | 0      | 0      | 0      | 0    |
| 12 | 10:24 | 21   | 2.84  | 0.2  | 2.272 | 40   | 0     | 0.517  | 36.1 | -5    | 0.025  | 0   | 68.38  | 1        | 0.5938 | 1.988  | 1.1804 | 2.6  |
| 12 | 10:25 | 21   | 2.84  | 0.6  | 1.136 | 40   | 0     | 0.651  | 37.4 | -4    | 0.022  | 0   | 68.32  | 0        | 0      | 0      | 0      | 0    |
| 12 | 10:26 | 21   | 2.84  | 0.8  | 0.568 | 40   | 0     | 0.557  | 36.5 | 0     | 0.015  | 0   | 68.32  | 0        | 0      | 0      | 0      | 0    |
| 13 | 10:26 | 21.4 | 2.84  | 0    | 0     | 0    | 0     | 0      | 0    | 0     | 0      | 0   | 0      | 1        | 0.5938 | 0.568  | 0.3372 | 0.7  |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 1   | 0    | 6      | 15     | 0.866     | -0.075    | 2.641 | 0.01      | 0.007     | 0         | 36.1 | 59.3 | 65.8 | 113        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 0    | 21     | 15     | 0.843     | -0.082    | 2.641 | 0.01      | 0.007     | 0         | 36.5 | 59.3 | 65.4 | 114        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 0    | 36     | 15     | 0.86      | -0.095    | 2.644 | 0.01      | 0.007     | 0         | 36.5 | 59.8 | 64.5 | 114        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 1   | 0    | 51     | 15     | 0.843     | -0.056    | 2.641 | 0.01      | 0.007     | 0         | 36.5 | 59.3 | 65.4 | 114        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 1    | 6      | 15     | 0.853     | -0.095    | 2.644 | 0.01      | 0.007     | 0         | 37.8 | 59.3 | 64.9 | 117        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 1    | 21     | 15     | 0.883     | -0.082    | 2.641 | 0.013     | 0.01      | 0         | 37.4 | 59.3 | 64.5 | 116        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 1    | 36     | 15     | 0.86      | -0.049    | 2.641 | 0.01      | 0.007     | 0         | 37   | 59.3 | 63.6 | 116        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 1   | 1    | 51     | 15     | 0.915     | -0.039    | 2.644 | 0.01      | 0.007     | 0         | 37.4 | 59.8 | 63.6 | 116        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 2    | 6      | 15     | 0.866     | -0.069    | 2.644 | 0.01      | 0.007     | 0         | 37.4 | 59.3 | 64.5 | 116        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 2    | 21     | 15     | 0.853     | -0.069    | 2.644 | 0.01      | 0.007     | 0         | 37.8 | 59.8 | 64.1 | 117        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 2    | 36     | 15     | 0.85      | -0.066    | 2.644 | 0.01      | 0.007     | 0         | 37.4 | 59.3 | 63.2 | 116        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 2    | 51     | 15     | 0.876     | -0.089    | 2.644 | 0.013     | 0.01      | 0         | 37   | 58.9 | 63.2 | 115        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 3    | 6      | 15     | 0.833     | -0.095    | 2.648 | 0.01      | 0.007     | 0         | 37.4 | 59.3 | 63.2 | 116        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 3    | 21     | 15     | 0.899     | -0.079    | 2.648 | 0.013     | 0.01      | 0         | 37.4 | 58.9 | 63.6 | 116        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 3    | 36     | 15     | 0.83      | -0.079    | 2.654 | 0.013     | 0.01      | 0         | 37.8 | 59.3 | 63.2 | 117        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 3    | 51     | 15     | 0.846     | -0.069    | 2.654 | 0.01      | 0.007     | 0         | 38.3 | 59.3 | 63.6 | 118        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 4    | 6      | 15     | 0.853     | -0.098    | 2.654 | 0.01      | 0.007     | 0         | 38.3 | 59.3 | 64.5 | 118        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 4    | 21     | 15     | 0.938     | -0.043    | 2.657 | 0.01      | 0.007     | 0         | 40.9 | 59.8 | 64.9 | 124        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 4    | 36     | 15     | 0.909     | -0.036    | 2.657 | 0.01      | 0.007     | 0         | 41.7 | 59.3 | 64.1 | 126        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 4    | 51     | 15     | 0.906     | -0.059    | 2.657 | 0.01      | 0.007     | 0         | 41.7 | 59.8 | 65.4 | 127        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 1   | 5    | 6      | 15     | 0.886     | -0.089    | 2.657 | 0.01      | 0.007     | 0         | 42.6 | 59.3 | 64.9 | 128        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 5    | 21     | 15     | 0.889     | -0.046    | 2.657 | 0.013     | 0.01      | 0         | 42.1 | 59.8 | 65.4 | 128        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 1   | 5    | 36     | 15     | 0.85      | -0.043    | 2.657 | 0.013     | 0.01      | 0         | 43   | 59.8 | 64.9 | 129        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 5    | 51     | 15     | 0.873     | -0.049    | 2.661 | 0.01      | 0.007     | 0         | 43   | 59.8 | 66.2 | 129        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 6    | 6      | 15     | 0.912     | -0.03     | 2.661 | 0.01      | 0.007     | 0         | 42.6 | 59.8 | 66.7 | 128        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 6    | 21     | 15     | 0.928     | -0.007    | 2.661 | 0.01      | 0.007     | 0         | 42.1 | 59.8 | 66.7 | 127        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 6    | 36     | 15     | 0.883     | -0.043    | 2.661 | 0.01      | 0.007     | 0         | 43   | 59.8 | 66.7 | 129        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 6    | 51     | 15     | 0.915     | -0.043    | 2.661 | 0.01      | 0.007     | 0         | 46.4 | 59.8 | 66.7 | 137        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 7    | 6      | 15     | 0.883     | -0.026    | 2.661 | 0.01      | 0.007     | 0         | 46.9 | 60.2 | 66.7 | 139        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 1   | 7    | 21     | 15     | 0.853     | -0.066    | 2.661 | 0.01      | 0.007     | 0         | 47.3 | 59.8 | 67.5 | 140        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 1   | 7    | 36     | 15     | 0.856     | -0.082    | 2.661 | 0.01      | 0.007     | 0         | 47.7 | 59.8 | 67.1 | 140        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 7    | 51     | 15     | 0.856     | -0.079    | 2.661 | 0.01      | 0.007     | 0         | 48.2 | 59.8 | 67.1 | 141        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 8    | 6      | 15     | 0.873     | -0.056    | 2.664 | 0.013     | 0.01      | 0         | 48.2 | 59.8 | 67.9 | 142        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 1   | 8    | 21     | 15     | 0.886     | -0.102    | 2.664 | 0.013     | 0.01      | 0         | 47.7 | 58.9 | 67.1 | 141        | 167        | 0          | 30     | 30     |
| 2009 | 6     | 1   | 8    | 36     | 15     | 0.892     | -0.059    | 2.664 | 0.01      | 0.007     | 0         | 48.6 | 59.3 | 66.2 | 142        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 8    | 51     | 15     | 0.906     | -0.092    | 2.664 | 0.01      | 0.007     | 0         | 48.2 | 58.9 | 67.9 | 141        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 9    | 6      | 15     | 0.912     | -0.098    | 2.664 | 0.01      | 0.007     | 0         | 48.2 | 59.3 | 67.9 | 142        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 1   | 9    | 21     | 15     | 0.86      | -0.059    | 2.664 | 0.01      | 0.007     | 0         | 49   | 59.3 | 66.7 | 143        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 9    | 36     | 15     | 0.873     | -0.075    | 2.664 | 0.01      | 0.007     | 0         | 48.6 | 59.8 | 67.5 | 143        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 1   | 9    | 51     | 15     | 0.883     | -0.052    | 2.664 | 0.01      | 0.007     | 0         | 49   | 59.3 | 64.1 | 143        | 168        | 0          | 29     | 30     |
| 2009 | 6     | 1   | 10   | 6      | 15     | 0.902     | -0.059    | 2.664 | 0.01      | 0.007     | 0         | 48.2 | 59.3 | 52.9 | 142        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 1   | 10   | 21     | 15     | 0.935     | -0.056    | 2.664 | 0.01      | 0.007     | 0         | 48.6 | 59.3 | 55   | 142        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 1   | 10   | 36     | 15     | 0.909     | -0.085    | 2.664 | 0.013     | 0.01      | 0         | 49.5 | 59.3 | 60.6 | 144        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 10   | 51     | 15     | 0.892     | -0.049    | 2.664 | 0.01      | 0.007     | 0         | 49.9 | 59.8 | 57.6 | 145        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 11   | 6      | 15     | 0.938     | -0.075    | 2.664 | 0.013     | 0.01      | 0         | 49.5 | 59.3 | 57.2 | 144        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 11   | 21     | 15     | 0.899     | -0.069    | 2.667 | 0.013     | 0.01      | 0         | 49.5 | 58.9 | 62.4 | 144        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 1   | 11   | 36     | 15     | 0.896     | -0.075    | 2.664 | 0.01      | 0.007     | 0         | 49.5 | 59.3 | 56.3 | 144        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 11   | 51     | 15     | 0.915     | -0.062    | 2.664 | 0.01      | 0.007     | 0         | 49.5 | 59.3 | 52.5 | 145        | 167        | 0          | 30     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 1   | 12   | 6      | 15     | 0.935     | -0.049    | 2.664 | 0.01      | 0.007     | 0         | 49.5 | 59.3 | 43   | 144        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 12   | 21     | 15     | 0.942     | -0.062    | 2.661 | 0.01      | 0.007     | 0         | 49   | 58.9 | 41.7 | 143        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 12   | 36     | 15     | 0.955     | -0.062    | 2.657 | 0.01      | 0.007     | 0         | 49.5 | 58.5 | 40.9 | 144        | 166        | 0          | 29     | 30     |
| 2009 | 6     | 1   | 12   | 51     | 15     | 0.994     | -0.062    | 2.661 | 0.01      | 0.007     | 0         | 49   | 59.3 | 40.9 | 143        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 1   | 13   | 6      | 15     | 0.968     | -0.062    | 2.661 | 0.01      | 0.007     | 0         | 49.5 | 58.9 | 43.9 | 144        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 13   | 21     | 15     | 0.958     | -0.049    | 2.657 | 0.01      | 0.007     | 0         | 49   | 58.9 | 43   | 144        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 1   | 13   | 36     | 15     | 0.942     | -0.016    | 2.657 | 0.01      | 0.007     | 0         | 49.5 | 58.5 | 42.6 | 144        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 13   | 51     | 15     | 0.951     | -0.052    | 2.661 | 0.013     | 0.01      | 0         | 49.5 | 58.5 | 42.6 | 144        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 14   | 6      | 15     | 0.978     | -0.049    | 2.661 | 0.013     | 0.01      | 0         | 49.5 | 58.5 | 42.6 | 144        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 14   | 21     | 15     | 0.988     | -0.023    | 2.657 | 0.01      | 0.007     | 0         | 49.5 | 58.5 | 43   | 144        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 14   | 36     | 15     | 0.945     | -0.059    | 2.657 | 0.01      | 0.007     | 0         | 48.6 | 58   | 43.9 | 143        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 1   | 14   | 51     | 15     | 0.965     | -0.056    | 2.661 | 0.01      | 0.007     | 0         | 49.5 | 58   | 59.8 | 143        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 1   | 15   | 6      | 15     | 0.922     | -0.013    | 2.657 | 0.01      | 0.007     | 0         | 49.9 | 58.9 | 60.6 | 145        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 1   | 15   | 21     | 15     | 0.902     | -0.059    | 2.657 | 0.01      | 0.007     | 0         | 49.9 | 58.9 | 64.1 | 145        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 1   | 15   | 36     | 15     | 0.886     | -0.049    | 2.654 | 0.01      | 0.007     | 0         | 50.3 | 58.9 | 63.2 | 146        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 15   | 51     | 15     | 0.919     | -0.03     | 2.657 | 0.01      | 0.007     | 0         | 50.7 | 58.5 | 64.1 | 147        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 16   | 6      | 15     | 0.928     | -0.023    | 2.657 | 0.01      | 0.007     | 0         | 50.7 | 59.3 | 64.1 | 147        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 1   | 16   | 21     | 15     | 0.896     | -0.03     | 2.657 | 0.01      | 0.007     | 0         | 50.3 | 58.5 | 64.1 | 147        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 1   | 16   | 36     | 15     | 0.922     | -0.033    | 2.657 | 0.01      | 0.007     | 0         | 50.7 | 58.9 | 64.1 | 147        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 1   | 16   | 51     | 15     | 0.899     | -0.02     | 2.657 | 0.01      | 0.007     | 0         | 51.6 | 58.5 | 64.1 | 148        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 1   | 17   | 6      | 15     | 0.925     | -0.036    | 2.657 | 0.01      | 0.007     | 0         | 51.2 | 59.3 | 64.1 | 148        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 1   | 17   | 21     | 15     | 0.886     | -0.036    | 2.657 | 0.01      | 0.007     | 0         | 51.2 | 58.9 | 56.8 | 148        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 17   | 36     | 15     | 0.912     | -0.023    | 2.657 | 0.01      | 0.007     | 0         | 52   | 59.3 | 64.1 | 150        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 17   | 51     | 15     | 0.906     | -0.023    | 2.657 | 0.01      | 0.007     | 0         | 51.6 | 59.3 | 64.1 | 149        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 18   | 6      | 15     | 0.938     | -0.013    | 2.657 | 0.01      | 0.007     | 0         | 52   | 60.2 | 62.8 | 150        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 1   | 18   | 21     | 15     | 0.912     | 0         | 2.657 | 0.01      | 0.007     | 0         | 51.6 | 59.3 | 63.6 | 149        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 1   | 18   | 36     | 15     | 0.899     | 0         | 2.657 | 0.01      | 0.007     | 0         | 52   | 59.3 | 63.6 | 150        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 18   | 51     | 15     | 0.978     | -0.046    | 2.661 | 0.01      | 0.007     | 0         | 52   | 59.3 | 64.1 | 150        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 1   | 19   | 6      | 15     | 0.928     | -0.033    | 2.661 | 0.01      | 0.007     | 0         | 51.6 | 59.3 | 63.6 | 149        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 1   | 19   | 21     | 15     | 0.932     | -0.016    | 2.661 | 0.013     | 0.01      | 0         | 52   | 59.3 | 64.1 | 150        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 1   | 19   | 36     | 15     | 0.932     | -0.033    | 2.661 | 0.01      | 0.007     | 0         | 52   | 58.9 | 63.6 | 150        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 19   | 51     | 15     | 0.922     | -0.007    | 2.661 | 0.01      | 0.007     | 0         | 52.5 | 59.8 | 64.1 | 151        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 1   | 20   | 6      | 15     | 0.899     | -0.023    | 2.661 | 0.01      | 0.007     | 0         | 52.9 | 59.3 | 64.1 | 151        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 1   | 20   | 21     | 15     | 0.928     | -0.026    | 2.661 | 0.01      | 0.007     | 0         | 52.5 | 59.3 | 63.6 | 151        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 1   | 20   | 36     | 15     | 0.942     | -0.036    | 2.661 | 0.01      | 0.007     | 0         | 52.5 | 58.9 | 64.1 | 151        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 20   | 51     | 15     | 0.896     | -0.013    | 2.664 | 0.01      | 0.007     | 0         | 52.5 | 58.9 | 63.6 | 151        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 21   | 6      | 15     | 0.928     | -0.033    | 2.664 | 0.01      | 0.007     | 0         | 52.5 | 58.9 | 64.5 | 151        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 21   | 21     | 15     | 0.909     | -0.007    | 2.664 | 0.01      | 0.007     | 0         | 52.9 | 59.3 | 64.5 | 151        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 1   | 21   | 36     | 15     | 0.902     | -0.036    | 2.664 | 0.01      | 0.007     | 0         | 52.5 | 58.9 | 64.9 | 151        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 21   | 51     | 15     | 0.919     | -0.046    | 2.664 | 0.01      | 0.007     | 0         | 52.9 | 58.9 | 64.5 | 152        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 22   | 6      | 15     | 0.925     | -0.016    | 2.664 | 0.01      | 0.007     | 0         | 53.3 | 58.9 | 64.1 | 152        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 1   | 22   | 21     | 15     | 0.932     | -0.033    | 2.664 | 0.01      | 0.007     | 0         | 53.3 | 59.3 | 64.1 | 153        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 22   | 36     | 15     | 0.938     | -0.016    | 2.664 | 0.01      | 0.007     | 0         | 53.3 | 59.8 | 64.9 | 153        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 1   | 22   | 51     | 15     | 0.938     | -0.03     | 2.664 | 0.01      | 0.007     | 0         | 52.9 | 59.8 | 64.9 | 152        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 1   | 23   | 6      | 15     | 0.902     | 0.01      | 2.664 | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 64.5 | 166        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 23   | 21     | 15     | 0.922     | -0.003    | 2.664 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 64.9 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 1   | 23   | 36     | 15     | 0.928     | -0.036    | 2.664 | 0.01      | 0.007     | 0         | 58.5 | 59.8 | 65.8 | 165        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 1   | 23   | 51     | 15     | 0.915     | -0.016    | 2.664 | 0.01      | 0.007     | 0         | 58.5 | 59.8 | 65.8 | 165        | 167        | 0          | 29     | 28     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 2   | 0    | 6      | 15     | 0.915     | -0.039    | 2.664 | 0.01      | 0.007     | 0         | 58   | 59.8 | 65.4 | 164        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 2   | 0    | 21     | 15     | 0.919     | 0.007     | 2.664 | 0.01      | 0.007     | 0         | 58   | 59.3 | 66.7 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 0    | 36     | 15     | 0.919     | -0.016    | 2.664 | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 66.7 | 162        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 2   | 0    | 51     | 15     | 0.896     | -0.016    | 2.664 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 66.7 | 163        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 1    | 6      | 15     | 0.909     | 0.007     | 2.667 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 66.2 | 163        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 2   | 1    | 21     | 15     | 0.922     | -0.01     | 2.664 | 0.01      | 0.007     | 0         | 57.2 | 58.5 | 66.7 | 162        | 166        | 0          | 29     | 30     |
| 2009 | 6     | 2   | 1    | 36     | 15     | 0.906     | -0.01     | 2.667 | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 67.1 | 162        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 2   | 1    | 51     | 15     | 0.912     | -0.03     | 2.667 | 0.01      | 0.007     | 0         | 57.2 | 59.3 | 67.5 | 162        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 2   | 2    | 6      | 15     | 0.922     | -0.026    | 2.667 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 67.5 | 162        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 2    | 21     | 15     | 0.942     | -0.016    | 2.667 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 67.5 | 162        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 2    | 36     | 15     | 0.935     | -0.049    | 2.667 | 0.01      | 0.007     | 0         | 57.2 | 59.8 | 67.5 | 162        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 2   | 2    | 51     | 15     | 0.906     | -0.046    | 2.667 | 0.01      | 0.007     | 0         | 56.3 | 58.5 | 68.4 | 161        | 166        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 3    | 6      | 15     | 0.955     | -0.03     | 2.667 | 0.01      | 0.007     | 0         | 57.2 | 58.5 | 67.5 | 162        | 166        | 0          | 29     | 30     |
| 2009 | 6     | 2   | 3    | 21     | 15     | 0.899     | -0.026    | 2.667 | 0.01      | 0.007     | 0         | 57.2 | 59.3 | 67.5 | 162        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 3    | 36     | 15     | 0.948     | -0.043    | 2.667 | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 67.5 | 162        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 2   | 3    | 51     | 15     | 0.951     | -0.016    | 2.667 | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 67.1 | 162        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 2   | 4    | 6      | 15     | 0.925     | -0.013    | 2.667 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 67.9 | 162        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 4    | 21     | 15     | 0.938     | -0.039    | 2.667 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 67.5 | 162        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 4    | 36     | 15     | 0.928     | -0.016    | 2.667 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 67.1 | 163        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 2   | 4    | 51     | 15     | 0.922     | -0.013    | 2.667 | 0.01      | 0.007     | 0         | 58   | 59.3 | 66.7 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 5    | 6      | 15     | 0.922     | -0.003    | 2.667 | 0.01      | 0.007     | 0         | 57.2 | 59.8 | 67.1 | 163        | 167        | 0          | 30     | 28     |
| 2009 | 6     | 2   | 5    | 21     | 15     | 0.948     | -0.036    | 2.667 | 0.013     | 0.01      | 0         | 57.6 | 59.3 | 66.7 | 163        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 5    | 36     | 15     | 0.912     | -0.016    | 2.667 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 66.7 | 164        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 2   | 5    | 51     | 15     | 0.932     | -0.033    | 2.667 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 67.1 | 164        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 2   | 6    | 6      | 15     | 0.925     | -0.02     | 2.667 | 0.01      | 0.007     | 0         | 58.5 | 60.2 | 65.8 | 165        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 6    | 21     | 15     | 0.892     | -0.02     | 2.667 | 0.01      | 0.007     | 0         | 58   | 59.8 | 65.8 | 165        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 2   | 6    | 36     | 15     | 0.942     | -0.026    | 2.667 | 0.01      | 0.007     | 0         | 58.5 | 60.2 | 65.8 | 165        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 6    | 51     | 15     | 0.909     | -0.01     | 2.667 | 0.01      | 0.007     | 0         | 58.5 | 60.2 | 66.2 | 166        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 2   | 7    | 6      | 15     | 0.925     | -0.01     | 2.667 | 0.013     | 0.01      | 0         | 58   | 59.3 | 65.8 | 165        | 168        | 0          | 30     | 30     |
| 2009 | 6     | 2   | 7    | 21     | 15     | 0.945     | -0.036    | 2.667 | 0.01      | 0.007     | 0         | 58   | 60.2 | 64.9 | 165        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 2   | 7    | 36     | 15     | 0.945     | -0.03     | 2.667 | 0.013     | 0.01      | 0         | 58.5 | 60.2 | 65.8 | 165        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 2   | 7    | 51     | 15     | 0.942     | -0.01     | 2.667 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 65.8 | 164        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 2   | 8    | 6      | 15     | 0.925     | -0.013    | 2.671 | 0.01      | 0.007     | 0         | 58   | 59.8 | 65.8 | 165        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 2   | 8    | 21     | 15     | 0.942     | -0.02     | 2.671 | 0.01      | 0.007     | 0         | 58   | 59.3 | 65.8 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 8    | 36     | 15     | 0.961     | -0.03     | 2.671 | 0.01      | 0.007     | 0         | 58   | 59.3 | 65.8 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 8    | 51     | 15     | 0.965     | -0.023    | 2.667 | 0.013     | 0.01      | 0         | 57.6 | 59.8 | 64.1 | 163        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 2   | 9    | 6      | 15     | 0.942     | -0.03     | 2.671 | 0.01      | 0.007     | 0         | 58   | 59.3 | 49   | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 9    | 21     | 15     | 0.984     | -0.062    | 2.671 | 0.01      | 0.007     | 0         | 56.8 | 59.3 | 39.6 | 162        | 166        | 0          | 30     | 28     |
| 2009 | 6     | 2   | 9    | 36     | 15     | 0.928     | -0.039    | 2.671 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 62.4 | 164        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 2   | 9    | 51     | 15     | 0.961     | -0.043    | 2.671 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 62.8 | 163        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 10   | 6      | 15     | 0.938     | -0.056    | 2.667 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 46   | 163        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 10   | 21     | 15     | 0.955     | -0.033    | 2.667 | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 43.4 | 162        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 2   | 10   | 36     | 15     | 0.994     | -0.033    | 2.671 | 0.01      | 0.007     | 0         | 58   | 59.3 | 41.7 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 10   | 51     | 15     | 0.971     | -0.043    | 2.671 | 0.01      | 0.007     | 0         | 58   | 58.9 | 43   | 164        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 2   | 11   | 6      | 15     | 0.974     | -0.043    | 2.667 | 0.01      | 0.007     | 0         | 58   | 59.3 | 41.7 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 11   | 21     | 15     | 0.988     | -0.056    | 2.667 | 0.01      | 0.007     | 0         | 56.8 | 58.5 | 40   | 162        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 2   | 11   | 36     | 15     | 0.961     | 0         | 2.667 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 41.7 | 163        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 2   | 11   | 51     | 15     | 0.978     | -0.023    | 2.671 | 0.01      | 0.007     | 0         | 57.2 | 58.5 | 41.7 | 162        | 165        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 2   | 12   | 6      | 15     | 0.955     | -0.036    | 2.671 | 0.01      | 0.007     | 0         | 57.2 | 58.5 | 44.3 | 162        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 12   | 21     | 15     | 0.978     | -0.026    | 2.667 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 43.9 | 163        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 2   | 12   | 36     | 15     | 0.948     | -0.013    | 2.667 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 43.4 | 163        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 12   | 51     | 15     | 0.965     | -0.043    | 2.664 | 0.01      | 0.007     | 0         | 56.8 | 58   | 40   | 161        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 13   | 6      | 15     | 0.978     | -0.03     | 2.671 | 0.01      | 0.007     | 0         | 57.2 | 58.5 | 41.7 | 162        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 13   | 21     | 15     | 0.955     | -0.03     | 2.667 | 0.01      | 0.007     | 0         | 57.2 | 58.5 | 42.1 | 162        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 13   | 36     | 15     | 0.981     | -0.039    | 2.667 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 43   | 162        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 2   | 13   | 51     | 15     | 0.997     | -0.03     | 2.664 | 0.01      | 0.007     | 0         | 56.8 | 58.5 | 40.9 | 161        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 14   | 6      | 15     | 0.922     | -0.03     | 2.667 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 40   | 162        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 14   | 21     | 15     | 0.951     | -0.036    | 2.661 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 40.9 | 162        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 14   | 36     | 15     | 0.958     | -0.062    | 2.661 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 41.3 | 162        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 2   | 14   | 51     | 15     | 0.945     | -0.033    | 2.664 | 0.013     | 0.01      | 0         | 57.2 | 58.9 | 44.7 | 162        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 15   | 6      | 15     | 0.942     | -0.036    | 2.664 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 46   | 163        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 15   | 21     | 15     | 0.965     | -0.033    | 2.664 | 0.01      | 0.007     | 0         | 56.8 | 59.3 | 46.4 | 162        | 166        | 0          | 30     | 28     |
| 2009 | 6     | 2   | 15   | 36     | 15     | 0.981     | -0.056    | 2.661 | 0.01      | 0.007     | 0         | 56.8 | 58.5 | 38.7 | 161        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 15   | 51     | 15     | 0.938     | -0.023    | 2.664 | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 45.6 | 161        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 16   | 6      | 15     | 0.961     | -0.062    | 2.664 | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 42.1 | 160        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 2   | 16   | 21     | 15     | 0.971     | -0.016    | 2.664 | 0.01      | 0.007     | 0         | 56.3 | 58.9 | 40.4 | 160        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 2   | 16   | 36     | 15     | 0.971     | -0.046    | 2.664 | 0.01      | 0.007     | 0         | 56.3 | 58.5 | 39.6 | 159        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 2   | 16   | 51     | 15     | 0.955     | -0.046    | 2.661 | 0.01      | 0.007     | 0         | 55.9 | 58.5 | 42.1 | 160        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 2   | 17   | 6      | 15     | 0.932     | -0.013    | 2.661 | 0.01      | 0.007     | 0         | 56.3 | 58.5 | 43.9 | 160        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 17   | 21     | 15     | 0.978     | -0.026    | 2.661 | 0.01      | 0.007     | 0         | 55.9 | 58.5 | 44.3 | 159        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 17   | 36     | 15     | 0.932     | -0.016    | 2.661 | 0.013     | 0.01      | 0         | 55.9 | 58.9 | 43.9 | 160        | 165        | 0          | 30     | 28     |
| 2009 | 6     | 2   | 17   | 51     | 15     | 0.955     | -0.013    | 2.661 | 0.01      | 0.007     | 0         | 56.3 | 58.5 | 55.9 | 160        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 18   | 6      | 15     | 0.915     | -0.03     | 2.667 | 0.01      | 0.007     | 0         | 56.3 | 58.9 | 65.4 | 160        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 18   | 21     | 15     | 0.899     | -0.007    | 2.664 | 0.01      | 0.007     | 0         | 56.3 | 59.3 | 64.5 | 160        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 2   | 18   | 36     | 15     | 0.938     | -0.03     | 2.667 | 0.01      | 0.007     | 0         | 56.3 | 56.8 | 64.5 | 160        | 160        | 0          | 29     | 28     |
| 2009 | 6     | 2   | 18   | 51     | 15     | 0.951     | -0.01     | 2.667 | 0.01      | 0.007     | 0         | 55.9 | 58.5 | 65.4 | 159        | 166        | 0          | 29     | 30     |
| 2009 | 6     | 2   | 19   | 6      | 15     | 0.932     | -0.007    | 2.664 | 0.013     | 0.01      | 0         | 56.3 | 58.9 | 54.2 | 160        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 19   | 21     | 15     | 0.942     | -0.062    | 2.661 | 0.01      | 0.007     | 0         | 55.9 | 58.9 | 43.4 | 159        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 2   | 19   | 36     | 15     | 0.958     | -0.03     | 2.664 | 0.01      | 0.007     | 0         | 56.3 | 58.5 | 41.7 | 160        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 19   | 51     | 15     | 0.991     | -0.03     | 2.661 | 0.01      | 0.007     | 0         | 56.3 | 58.5 | 42.1 | 160        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 20   | 6      | 15     | 0.984     | -0.02     | 2.657 | 0.01      | 0.007     | 0         | 55.9 | 58.5 | 41.7 | 159        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 20   | 21     | 15     | 0.961     | -0.02     | 2.657 | 0.01      | 0.007     | 0         | 56.3 | 58.9 | 42.6 | 160        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 2   | 20   | 36     | 15     | 0.942     | -0.03     | 2.661 | 0.01      | 0.007     | 0         | 56.8 | 59.3 | 44.7 | 161        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 20   | 51     | 15     | 0.942     | -0.033    | 2.664 | 0.01      | 0.007     | 0         | 56.8 | 59.3 | 50.7 | 161        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 21   | 6      | 15     | 0.935     | -0.046    | 2.661 | 0.01      | 0.007     | 0         | 56.8 | 59.3 | 44.3 | 161        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 21   | 21     | 15     | 0.974     | -0.059    | 2.657 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 38.3 | 161        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 2   | 21   | 36     | 15     | 0.971     | -0.036    | 2.664 | 0.013     | 0.01      | 0         | 57.2 | 59.3 | 43   | 162        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 21   | 51     | 15     | 0.978     | -0.046    | 2.657 | 0.01      | 0.007     | 0         | 56.8 | 59.3 | 37.4 | 161        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 2   | 22   | 6      | 15     | 0.984     | -0.023    | 2.661 | 0.013     | 0.01      | 0         | 56.3 | 58.9 | 40.9 | 160        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 22   | 21     | 15     | 0.968     | -0.033    | 2.661 | 0.01      | 0.007     | 0         | 56.3 | 59.3 | 39.1 | 160        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 2   | 22   | 36     | 15     | 0.981     | -0.036    | 2.657 | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 40   | 161        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 22   | 51     | 15     | 0.971     | -0.03     | 2.667 | 0.01      | 0.007     | 0         | 57.2 | 59.8 | 42.1 | 162        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 23   | 6      | 15     | 0.997     | -0.059    | 2.661 | 0.01      | 0.007     | 0         | 56.8 | 59.3 | 42.1 | 161        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 23   | 21     | 15     | 0.961     | -0.046    | 2.664 | 0.01      | 0.007     | 0         | 57.2 | 59.3 | 42.6 | 162        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 23   | 36     | 15     | 0.988     | -0.026    | 2.661 | 0.01      | 0.007     | 0         | 57.2 | 59.3 | 42.1 | 162        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 2   | 23   | 51     | 15     | 0.958     | -0.033    | 2.664 | 0.01      | 0.007     | 0         | 56.8 | 59.3 | 47.7 | 162        | 167        | 0          | 30     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 3   | 0    | 6      | 15     | 1.001     | -0.033    | 2.661 | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 40   | 161        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 0    | 21     | 15     | 0.971     | -0.02     | 2.664 | 0.013     | 0.01      | 0         | 56.3 | 58.9 | 42.1 | 161        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 0    | 36     | 15     | 0.958     | -0.033    | 2.664 | 0.01      | 0.007     | 0         | 55.9 | 58.5 | 41.3 | 160        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 0    | 51     | 15     | 0.988     | -0.059    | 2.667 | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 43.4 | 161        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 1    | 6      | 15     | 0.958     | -0.03     | 2.664 | 0.01      | 0.007     | 0         | 58   | 59.3 | 44.3 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 1    | 21     | 15     | 0.945     | -0.043    | 2.664 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 41.3 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 1    | 36     | 15     | 0.945     | -0.013    | 2.667 | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 50.7 | 166        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 1    | 51     | 15     | 0.951     | 0.007     | 2.667 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 52   | 166        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 2    | 6      | 15     | 0.981     | -0.052    | 2.667 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 43   | 166        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 2    | 21     | 15     | 0.997     | -0.026    | 2.667 | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 43   | 165        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 2    | 36     | 15     | 0.945     | 0         | 2.667 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 48.2 | 166        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 3   | 2    | 51     | 15     | 0.968     | -0.013    | 2.667 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 57.6 | 166        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 3    | 6      | 15     | 0.928     | -0.016    | 2.667 | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 50.7 | 167        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 3    | 21     | 15     | 0.938     | -0.016    | 2.667 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 62.4 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 3    | 36     | 15     | 0.873     | -0.016    | 2.667 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 54.6 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 3    | 51     | 15     | 0.978     | -0.033    | 2.667 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 53.3 | 166        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 4    | 6      | 15     | 0.932     | -0.003    | 2.667 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 63.6 | 166        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 4    | 21     | 15     | 0.906     | -0.013    | 2.667 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 64.9 | 166        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 4    | 36     | 15     | 0.915     | -0.02     | 2.671 | 0.013     | 0.01      | 0         | 59.3 | 59.8 | 64.1 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 4    | 51     | 15     | 0.909     | -0.02     | 2.671 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 64.1 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 5    | 6      | 15     | 0.951     | -0.01     | 2.671 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 65.4 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 5    | 21     | 15     | 0.928     | -0.007    | 2.671 | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 64.9 | 166        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 5    | 36     | 15     | 0.909     | 0.003     | 2.671 | 0.01      | 0.007     | 0         | 58.9 | 60.2 | 64.9 | 167        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 5    | 51     | 15     | 0.932     | -0.016    | 2.671 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 64.5 | 168        | 169        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 6    | 6      | 15     | 0.922     | -0.03     | 2.671 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 53.3 | 167        | 168        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 6    | 21     | 15     | 0.971     | -0.023    | 2.671 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 48.6 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 6    | 36     | 15     | 0.932     | -0.03     | 2.674 | 0.01      | 0.007     | 0         | 59.3 | 60.2 | 62.4 | 167        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 6    | 51     | 15     | 0.945     | -0.016    | 2.674 | 0.01      | 0.007     | 0         | 58.9 | 60.2 | 61.1 | 167        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 7    | 6      | 15     | 0.994     | -0.043    | 2.674 | 0.01      | 0.007     | 0         | 58.5 | 59.8 | 42.6 | 166        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 7    | 21     | 15     | 0.955     | -0.016    | 2.677 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 44.7 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 7    | 36     | 15     | 0.945     | -0.02     | 2.68  | 0.01      | 0.007     | 0         | 58.9 | 60.2 | 62.8 | 167        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 7    | 51     | 15     | 0.896     | -0.046    | 2.68  | 0.01      | 0.007     | 0         | 58.9 | 60.2 | 62.8 | 167        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 8    | 6      | 15     | 0.889     | -0.013    | 2.68  | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 55   | 167        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 8    | 21     | 15     | 0.968     | -0.03     | 2.68  | 0.01      | 0.007     | 0         | 59.3 | 60.2 | 45.2 | 167        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 8    | 36     | 15     | 0.925     | -0.007    | 2.684 | 0.01      | 0.007     | 0         | 59.3 | 60.2 | 56.8 | 167        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 8    | 51     | 15     | 0.945     | -0.01     | 2.684 | 0.01      | 0.007     | 0         | 58.9 | 60.2 | 49.9 | 167        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 9    | 6      | 15     | 0.961     | -0.052    | 2.684 | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 39.6 | 166        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 9    | 21     | 15     | 0.951     | -0.062    | 2.687 | 0.01      | 0.007     | 0         | 58.5 | 59.8 | 60.2 | 166        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 9    | 36     | 15     | 0.955     | -0.03     | 2.69  | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 64.9 | 167        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 9    | 51     | 15     | 0.932     | -0.03     | 2.69  | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 64.1 | 167        | 169        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 10   | 6      | 15     | 0.906     | -0.03     | 2.69  | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 64.1 | 166        | 168        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 10   | 21     | 15     | 0.928     | -0.026    | 2.69  | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 62.4 | 166        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 10   | 36     | 15     | 0.922     | -0.013    | 2.69  | 0.016     | 0.013     | 0         | 58.5 | 59.8 | 61.5 | 166        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 10   | 51     | 15     | 0.909     | -0.03     | 2.69  | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 52.9 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 11   | 6      | 15     | 0.925     | 0.01      | 2.69  | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 52.5 | 168        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 11   | 21     | 15     | 0.915     | -0.023    | 2.69  | 0.013     | 0.01      | 0         | 59.3 | 58.9 | 61.5 | 168        | 167        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 11   | 36     | 15     | 0.945     | -0.033    | 2.694 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 62.4 | 168        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 11   | 51     | 15     | 0.958     | -0.016    | 2.694 | 0.013     | 0.01      | 0         | 59.8 | 59.8 | 56.8 | 168        | 168        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 3   | 12   | 6      | 15     | 0.945     | -0.016    | 2.694 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 61.5 | 168        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 12   | 21     | 15     | 0.958     | -0.016    | 2.694 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 64.9 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 12   | 36     | 15     | 0.935     | -0.03     | 2.694 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 64.9 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 12   | 51     | 15     | 0.935     | -0.026    | 2.694 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 66.2 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 13   | 6      | 15     | 0.922     | -0.013    | 2.697 | 0.01      | 0.007     | 0         | 58.9 | 60.2 | 65.4 | 167        | 168        | 0          | 30     | 28     |
| 2009 | 6     | 3   | 13   | 21     | 15     | 0.951     | -0.03     | 2.697 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 64.5 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 13   | 36     | 15     | 0.965     | -0.039    | 2.69  | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 43   | 166        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 13   | 51     | 15     | 0.932     | -0.023    | 2.694 | 0.013     | 0.01      | 0         | 59.3 | 59.3 | 54.6 | 167        | 168        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 14   | 6      | 15     | 0.945     | 0.013     | 2.694 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 43.4 | 167        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 14   | 21     | 15     | 1.001     | -0.059    | 2.694 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 40.9 | 166        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 14   | 36     | 15     | 0.991     | -0.013    | 2.694 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 43   | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 14   | 51     | 15     | 0.928     | -0.007    | 2.694 | 0.01      | 0.007     | 0         | 58.9 | 60.2 | 49   | 167        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 15   | 6      | 15     | 0.919     | -0.03     | 2.697 | 0.01      | 0.007     | 0         | 58.5 | 59.8 | 55.9 | 166        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 15   | 21     | 15     | 0.945     | -0.016    | 2.697 | 0.01      | 0.007     | 0         | 58.5 | 59.8 | 56.3 | 166        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 15   | 36     | 15     | 0.919     | 0         | 2.697 | 0.013     | 0.01      | 0         | 58.9 | 60.2 | 52.9 | 166        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 15   | 51     | 15     | 0.945     | 0.013     | 2.7   | 0.01      | 0.007     | 0         | 58.5 | 60.2 | 53.3 | 166        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 16   | 6      | 15     | 0.922     | -0.007    | 2.7   | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 49.9 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 16   | 21     | 15     | 0.945     | 0         | 2.7   | 0.01      | 0.007     | 0         | 58.5 | 60.2 | 49.5 | 166        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 16   | 36     | 15     | 0.932     | -0.016    | 2.703 | 0.01      | 0.007     | 0         | 58.9 | 60.2 | 50.3 | 167        | 170        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 16   | 51     | 15     | 0.974     | -0.013    | 2.703 | 0.01      | 0.007     | 0         | 58.9 | 60.6 | 49   | 167        | 170        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 17   | 6      | 15     | 0.971     | 0         | 2.707 | 0.01      | 0.007     | 0         | 58.9 | 60.2 | 46.9 | 167        | 170        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 17   | 21     | 15     | 0.945     | 0         | 2.707 | 0.01      | 0.007     | 0         | 58.9 | 60.6 | 47.7 | 167        | 170        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 17   | 36     | 15     | 0.948     | -0.007    | 2.71  | 0.01      | 0.007     | 0         | 58.9 | 61.1 | 51.6 | 167        | 171        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 17   | 51     | 15     | 0.971     | 0.01      | 2.71  | 0.01      | 0.007     | 0         | 58.9 | 60.6 | 50.3 | 167        | 170        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 18   | 6      | 15     | 0.988     | -0.013    | 2.713 | 0.01      | 0.007     | 0         | 58   | 60.6 | 52.9 | 165        | 170        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 18   | 21     | 15     | 0.984     | -0.003    | 2.717 | 0.01      | 0.007     | 0         | 58.5 | 60.6 | 46.9 | 166        | 170        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 18   | 36     | 15     | 0.945     | -0.016    | 2.72  | 0.01      | 0.007     | 0         | 58   | 60.6 | 57.6 | 165        | 170        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 18   | 51     | 15     | 0.942     | 0         | 2.723 | 0.01      | 0.007     | 0         | 58   | 60.6 | 61.1 | 165        | 170        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 19   | 6      | 15     | 0.981     | -0.033    | 2.726 | 0.01      | 0.007     | 0         | 57.6 | 60.2 | 63.6 | 164        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 19   | 21     | 15     | 0.932     | -0.023    | 2.726 | 0.01      | 0.007     | 0         | 58   | 60.6 | 63.6 | 164        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 19   | 36     | 15     | 0.938     | 0         | 2.726 | 0.013     | 0.01      | 0         | 57.2 | 60.2 | 64.1 | 163        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 19   | 51     | 15     | 0.899     | -0.023    | 2.73  | 0.01      | 0.007     | 0         | 57.2 | 60.2 | 64.1 | 163        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 20   | 6      | 15     | 0.915     | 0         | 2.73  | 0.01      | 0.007     | 0         | 57.2 | 60.2 | 64.9 | 163        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 20   | 21     | 15     | 0.925     | -0.03     | 2.73  | 0.01      | 0.007     | 0         | 58   | 61.1 | 64.9 | 165        | 171        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 20   | 36     | 15     | 0.925     | -0.039    | 2.73  | 0.01      | 0.007     | 0         | 57.6 | 60.2 | 65.4 | 163        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 20   | 51     | 15     | 0.919     | -0.02     | 2.733 | 0.01      | 0.007     | 0         | 57.2 | 59.8 | 66.2 | 163        | 169        | 0          | 30     | 30     |
| 2009 | 6     | 3   | 21   | 6      | 15     | 0.948     | -0.007    | 2.733 | 0.013     | 0.01      | 0         | 56.8 | 60.2 | 66.2 | 162        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 21   | 21     | 15     | 0.945     | -0.01     | 2.733 | 0.01      | 0.007     | 0         | 56.8 | 59.8 | 66.2 | 162        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 21   | 36     | 15     | 0.932     | -0.056    | 2.733 | 0.01      | 0.007     | 0         | 57.2 | 60.2 | 66.7 | 163        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 21   | 51     | 15     | 0.938     | 0.016     | 2.733 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 66.2 | 163        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 3   | 22   | 6      | 15     | 0.942     | -0.016    | 2.733 | 0.01      | 0.007     | 0         | 56.8 | 59.8 | 66.2 | 162        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 22   | 21     | 15     | 0.925     | -0.013    | 2.736 | 0.01      | 0.007     | 0         | 57.2 | 59.8 | 67.1 | 162        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 3   | 22   | 36     | 15     | 0.909     | -0.023    | 2.736 | 0.01      | 0.007     | 0         | 56.8 | 60.2 | 67.1 | 162        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 22   | 51     | 15     | 0.951     | 0         | 2.736 | 0.01      | 0.007     | 0         | 56.8 | 59.8 | 66.2 | 162        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 23   | 6      | 15     | 0.945     | 0.013     | 2.736 | 0.01      | 0.007     | 0         | 57.2 | 60.2 | 67.1 | 163        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 23   | 21     | 15     | 0.961     | -0.016    | 2.736 | 0.01      | 0.007     | 0         | 56.8 | 59.8 | 66.2 | 162        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 23   | 36     | 15     | 0.951     | -0.026    | 2.736 | 0.01      | 0.007     | 0         | 56.8 | 59.8 | 67.1 | 162        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 3   | 23   | 51     | 15     | 0.938     | 0.003     | 2.736 | 0.01      | 0.007     | 0         | 56.8 | 60.2 | 66.2 | 162        | 169        | 0          | 30     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 4   | 0    | 6      | 15     | 0.955     | -0.016    | 2.74  | 0.01      | 0.007     | 0         | 56.8 | 59.8 | 66.2 | 162        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 0    | 21     | 15     | 0.948     | -0.033    | 2.74  | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 65.4 | 164        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 0    | 36     | 15     | 0.915     | -0.013    | 2.74  | 0.013     | 0.01      | 0         | 57.2 | 59.3 | 65.8 | 163        | 168        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 0    | 51     | 15     | 0.965     | -0.013    | 2.74  | 0.01      | 0.007     | 0         | 57.2 | 59.3 | 65.4 | 162        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 1    | 6      | 15     | 0.958     | -0.033    | 2.74  | 0.01      | 0.007     | 0         | 57.2 | 59.3 | 65.4 | 163        | 168        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 1    | 21     | 15     | 0.928     | -0.013    | 2.743 | 0.01      | 0.007     | 0         | 57.2 | 59.8 | 64.5 | 163        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 1    | 36     | 15     | 0.945     | -0.013    | 2.743 | 0.01      | 0.007     | 0         | 56.8 | 59.8 | 64.1 | 162        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 1    | 51     | 15     | 0.968     | -0.007    | 2.746 | 0.01      | 0.007     | 0         | 57.2 | 59.8 | 63.2 | 163        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 2    | 6      | 15     | 0.948     | -0.02     | 2.749 | 0.01      | 0.007     | 0         | 57.2 | 59.8 | 63.2 | 163        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 2    | 21     | 15     | 0.955     | -0.043    | 2.756 | 0.01      | 0.007     | 0         | 57.2 | 59.8 | 63.2 | 163        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 2    | 36     | 15     | 0.965     | -0.03     | 2.759 | 0.01      | 0.007     | 0         | 57.2 | 59.3 | 64.5 | 163        | 168        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 2    | 51     | 15     | 0.965     | -0.02     | 2.759 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 64.9 | 163        | 168        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 3    | 6      | 15     | 0.942     | -0.016    | 2.762 | 0.01      | 0.007     | 0         | 58   | 59.3 | 64.9 | 164        | 168        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 3    | 21     | 15     | 0.984     | -0.023    | 2.762 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 65.8 | 163        | 168        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 3    | 36     | 15     | 0.984     | -0.03     | 2.762 | 0.01      | 0.007     | 0         | 57.2 | 59.8 | 66.2 | 163        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 3    | 51     | 15     | 0.971     | -0.016    | 2.766 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 67.1 | 164        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 4    | 6      | 15     | 0.968     | -0.043    | 2.766 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 67.5 | 163        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 4    | 21     | 15     | 0.942     | -0.046    | 2.766 | 0.01      | 0.007     | 0         | 58   | 60.2 | 67.1 | 165        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 4    | 36     | 15     | 0.974     | -0.003    | 2.766 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 67.1 | 164        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 4    | 51     | 15     | 0.958     | -0.01     | 2.769 | 0.01      | 0.007     | 0         | 58   | 59.8 | 66.2 | 165        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 5    | 6      | 15     | 0.945     | -0.033    | 2.769 | 0.01      | 0.007     | 0         | 58   | 59.8 | 66.2 | 165        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 5    | 21     | 15     | 0.971     | -0.059    | 2.769 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 66.2 | 164        | 168        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 5    | 36     | 15     | 0.978     | -0.026    | 2.769 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 65.4 | 164        | 168        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 5    | 51     | 15     | 0.968     | -0.036    | 2.769 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 65.8 | 164        | 168        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 6    | 6      | 15     | 0.991     | -0.052    | 2.769 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 65.8 | 164        | 168        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 6    | 21     | 15     | 0.994     | -0.016    | 2.772 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 65.4 | 164        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 6    | 36     | 15     | 0.948     | -0.007    | 2.772 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 64.9 | 164        | 168        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 6    | 51     | 15     | 0.971     | -0.03     | 2.772 | 0.01      | 0.007     | 0         | 58   | 59.8 | 64.9 | 164        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 7    | 6      | 15     | 0.978     | 0.003     | 2.776 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 64.1 | 165        | 169        | 0          | 31     | 30     |
| 2009 | 6     | 4   | 7    | 21     | 15     | 0.961     | -0.033    | 2.776 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 64.5 | 164        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 7    | 36     | 15     | 0.945     | -0.013    | 2.776 | 0.01      | 0.007     | 0         | 58   | 59.8 | 64.1 | 165        | 169        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 7    | 51     | 15     | 0.951     | -0.026    | 2.776 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 63.2 | 164        | 168        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 8    | 6      | 15     | 0.965     | -0.039    | 2.776 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 63.2 | 164        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 8    | 21     | 15     | 0.984     | -0.046    | 2.779 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 64.1 | 164        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 8    | 36     | 15     | 0.974     | -0.043    | 2.779 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 63.6 | 164        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 8    | 51     | 15     | 0.988     | -0.033    | 2.782 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 62.8 | 163        | 167        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 9    | 6      | 15     | 1.047     | -0.069    | 2.785 | 0.01      | 0.007     | 0         | 56.8 | 58.5 | 64.1 | 162        | 166        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 9    | 21     | 15     | 0.988     | -0.039    | 2.785 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 61.9 | 164        | 167        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 9    | 36     | 15     | 0.981     | -0.043    | 2.785 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 61.5 | 163        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 9    | 51     | 15     | 1.01      | -0.03     | 2.785 | 0.013     | 0.01      | 0         | 57.2 | 58.5 | 45.6 | 163        | 166        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 10   | 6      | 15     | 1.007     | -0.03     | 2.785 | 0.01      | 0.007     | 0         | 57.2 | 58.5 | 55   | 163        | 166        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 10   | 21     | 15     | 0.965     | -0.013    | 2.789 | 0.01      | 0.007     | 0         | 58   | 59.8 | 53.3 | 164        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 10   | 36     | 15     | 0.974     | -0.01     | 2.789 | 0.01      | 0.007     | 0         | 57.2 | 58.5 | 50.3 | 163        | 166        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 10   | 51     | 15     | 1.05      | -0.043    | 2.789 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 57.2 | 163        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 11   | 6      | 15     | 1.027     | -0.013    | 2.785 | 0.01      | 0.007     | 0         | 56.8 | 58.5 | 43.4 | 162        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 11   | 21     | 15     | 1.007     | -0.062    | 2.785 | 0.01      | 0.007     | 0         | 56.8 | 58.5 | 43   | 162        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 11   | 36     | 15     | 1.017     | -0.03     | 2.789 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 42.1 | 163        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 11   | 51     | 15     | 1.02      | -0.03     | 2.785 | 0.01      | 0.007     | 0         | 57.2 | 58.5 | 43.4 | 163        | 166        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 4   | 12   | 6      | 15     | 1.014     | -0.056    | 2.789 | 0.01      | 0.007     | 0         | 57.2 | 58.5 | 42.6 | 163        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 12   | 21     | 15     | 0.997     | -0.052    | 2.792 | 0.01      | 0.007     | 0         | 57.2 | 58   | 43.9 | 163        | 165        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 12   | 36     | 15     | 1.03      | -0.036    | 2.789 | 0.01      | 0.007     | 0         | 57.2 | 58.5 | 43   | 163        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 12   | 51     | 15     | 1.033     | -0.033    | 2.792 | 0.01      | 0.007     | 0         | 57.2 | 58.5 | 40.4 | 163        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 13   | 6      | 15     | 1.014     | -0.062    | 2.792 | 0.01      | 0.007     | 0         | 56.8 | 58.5 | 40.4 | 162        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 13   | 21     | 15     | 1.03      | -0.043    | 2.795 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 42.1 | 164        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 13   | 36     | 15     | 1.037     | -0.026    | 2.795 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 45.2 | 164        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 13   | 51     | 15     | 1.037     | -0.02     | 2.795 | 0.01      | 0.007     | 0         | 58   | 58.9 | 43.4 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 14   | 6      | 15     | 0.994     | -0.026    | 2.799 | 0.01      | 0.007     | 0         | 58   | 58.9 | 40   | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 14   | 21     | 15     | 1.004     | -0.039    | 2.799 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 43.4 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 14   | 36     | 15     | 0.988     | -0.03     | 2.799 | 0.01      | 0.007     | 0         | 58   | 58.5 | 42.6 | 164        | 166        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 14   | 51     | 15     | 0.991     | -0.046    | 2.795 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 42.6 | 164        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 15   | 6      | 15     | 1.047     | -0.072    | 2.802 | 0.01      | 0.007     | 0         | 58   | 58.9 | 43   | 165        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 15   | 21     | 15     | 1.047     | -0.023    | 2.802 | 0.01      | 0.007     | 0         | 58   | 58.9 | 40   | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 15   | 36     | 15     | 1.004     | -0.049    | 2.799 | 0.01      | 0.007     | 0         | 58   | 58.9 | 39.6 | 165        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 15   | 51     | 15     | 1.01      | -0.03     | 2.802 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 42.6 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 16   | 6      | 15     | 1.033     | -0.036    | 2.802 | 0.01      | 0.007     | 0         | 58   | 58.9 | 39.1 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 16   | 21     | 15     | 1.024     | -0.043    | 2.802 | 0.01      | 0.007     | 0         | 58   | 58.5 | 41.7 | 164        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 16   | 36     | 15     | 1.053     | -0.039    | 2.805 | 0.01      | 0.007     | 0         | 58   | 58.5 | 40.9 | 164        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 16   | 51     | 15     | 1.01      | -0.013    | 2.802 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 42.6 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 17   | 6      | 15     | 1.03      | -0.059    | 2.805 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 44.3 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 17   | 21     | 15     | 1.017     | -0.033    | 2.802 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 41.3 | 164        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 17   | 36     | 15     | 1.017     | -0.013    | 2.802 | 0.01      | 0.007     | 0         | 58   | 58.9 | 38.7 | 164        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 4   | 17   | 51     | 15     | 0.997     | -0.036    | 2.802 | 0.01      | 0.007     | 0         | 58   | 58.9 | 42.6 | 165        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 18   | 6      | 15     | 1.03      | -0.039    | 2.805 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 42.1 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 18   | 21     | 15     | 1.001     | -0.03     | 2.805 | 0.01      | 0.007     | 0         | 58   | 58.9 | 37.4 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 18   | 36     | 15     | 1.004     | -0.03     | 2.805 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 40.9 | 167        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 18   | 51     | 15     | 1.037     | -0.03     | 2.808 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 42.1 | 167        | 165        | 0          | 30     | 28     |
| 2009 | 6     | 4   | 19   | 6      | 15     | 1.037     | -0.049    | 2.808 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 41.7 | 166        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 4   | 19   | 21     | 15     | 1.047     | -0.013    | 2.808 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 42.1 | 167        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 19   | 36     | 15     | 1.02      | -0.033    | 2.808 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 44.3 | 167        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 19   | 51     | 15     | 1.027     | -0.026    | 2.808 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 43   | 167        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 20   | 6      | 15     | 1.043     | -0.007    | 2.808 | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 40.9 | 166        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 20   | 21     | 15     | 1.03      | -0.059    | 2.808 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 42.1 | 167        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 20   | 36     | 15     | 1.056     | -0.023    | 2.812 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 41.7 | 166        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 20   | 51     | 15     | 1.024     | -0.026    | 2.812 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 42.6 | 167        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 21   | 6      | 15     | 1.03      | -0.039    | 2.815 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 48.2 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 21   | 21     | 15     | 1.03      | -0.039    | 2.812 | 0.013     | 0.01      | 0         | 59.3 | 58.9 | 42.6 | 167        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 21   | 36     | 15     | 1.05      | -0.033    | 2.812 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 41.7 | 166        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 21   | 51     | 15     | 1.043     | -0.043    | 2.815 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 43   | 166        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 22   | 6      | 15     | 1.053     | -0.046    | 2.815 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 42.6 | 166        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 22   | 21     | 15     | 1.037     | -0.043    | 2.818 | 0.01      | 0.007     | 0         | 58.5 | 57.6 | 43.9 | 166        | 164        | 0          | 30     | 30     |
| 2009 | 6     | 4   | 22   | 36     | 15     | 1.017     | -0.013    | 2.815 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 42.6 | 166        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 22   | 51     | 15     | 1.014     | -0.039    | 2.818 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 52.9 | 167        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 4   | 23   | 6      | 15     | 1.014     | -0.039    | 2.818 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 44.7 | 167        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 23   | 21     | 15     | 1.027     | -0.039    | 2.818 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 43.4 | 167        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 4   | 23   | 36     | 15     | 0.997     | -0.039    | 2.818 | 0.013     | 0.01      | 0         | 59.3 | 58.9 | 61.5 | 167        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 4   | 23   | 51     | 15     | 1.07      | -0.056    | 2.818 | 0.01      | 0.007     | 0         | 58   | 58.5 | 43.4 | 165        | 165        | 0          | 30     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 5   | 0    | 6      | 15     | 1.02      | -0.062    | 2.818 | 0.01      | 0.007     | 0         | 58   | 58.5 | 44.3 | 165        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 0    | 21     | 15     | 1.001     | -0.039    | 2.818 | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 45.2 | 166        | 166        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 0    | 36     | 15     | 1.004     | -0.003    | 2.822 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 47.7 | 166        | 166        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 0    | 51     | 15     | 1.02      | -0.026    | 2.822 | 0.01      | 0.007     | 0         | 58   | 58.9 | 43.4 | 165        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 1    | 6      | 15     | 1.001     | -0.033    | 2.825 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 43   | 166        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 1    | 21     | 15     | 1.004     | -0.01     | 2.825 | 0.01      | 0.007     | 0         | 58   | 58.9 | 45.2 | 165        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 1    | 36     | 15     | 1.053     | -0.059    | 2.825 | 0.01      | 0.007     | 0         | 58   | 58.5 | 43   | 164        | 166        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 1    | 51     | 15     | 1.02      | -0.03     | 2.825 | 0.01      | 0.007     | 0         | 58   | 58.5 | 43   | 164        | 166        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 2    | 6      | 15     | 1.014     | -0.026    | 2.828 | 0.01      | 0.007     | 0         | 58   | 59.3 | 43.9 | 165        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 2    | 21     | 15     | 1.07      | -0.033    | 2.828 | 0.01      | 0.007     | 0         | 58   | 58.9 | 42.6 | 165        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 2    | 36     | 15     | 1.02      | -0.023    | 2.828 | 0.01      | 0.007     | 0         | 58   | 58.9 | 47.7 | 165        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 2    | 51     | 15     | 1.014     | -0.043    | 2.831 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 58.9 | 166        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 3    | 6      | 15     | 1.024     | -0.026    | 2.835 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 62.4 | 166        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 3    | 21     | 15     | 0.988     | -0.013    | 2.835 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 61.9 | 166        | 167        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 3    | 36     | 15     | 0.997     | -0.01     | 2.838 | 0.01      | 0.007     | 0         | 58   | 58.5 | 59.8 | 165        | 166        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 3    | 51     | 15     | 1.053     | -0.039    | 2.835 | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 43.9 | 165        | 166        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 4    | 6      | 15     | 0.997     | -0.016    | 2.841 | 0.01      | 0.007     | 0         | 58   | 58.5 | 58.5 | 165        | 166        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 4    | 21     | 15     | 1.017     | -0.01     | 2.841 | 0.013     | 0.01      | 0         | 58   | 58.9 | 52.5 | 165        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 4    | 36     | 15     | 1.007     | -0.013    | 2.841 | 0.01      | 0.007     | 0         | 58   | 58.5 | 61.9 | 165        | 166        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 4    | 51     | 15     | 1.01      | -0.03     | 2.841 | 0.01      | 0.007     | 0         | 58   | 58.9 | 58   | 165        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 5    | 6      | 15     | 0.991     | -0.03     | 2.844 | 0.01      | 0.007     | 0         | 58   | 58.9 | 57.2 | 165        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 5    | 21     | 15     | 1.017     | -0.02     | 2.844 | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 49.9 | 166        | 166        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 5    | 36     | 15     | 1.007     | -0.02     | 2.844 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 56.3 | 166        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 5    | 51     | 15     | 1.02      | -0.049    | 2.844 | 0.01      | 0.007     | 0         | 57.6 | 57.6 | 47.7 | 165        | 164        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 6    | 6      | 15     | 1.053     | -0.046    | 2.848 | 0.01      | 0.007     | 0         | 58.5 | 58   | 37.4 | 165        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 6    | 21     | 15     | 1.024     | -0.033    | 2.851 | 0.01      | 0.007     | 0         | 57.6 | 58.5 | 41.7 | 165        | 166        | 0          | 31     | 30     |
| 2009 | 6     | 5   | 6    | 36     | 15     | 1.06      | -0.069    | 2.851 | 0.01      | 0.007     | 0         | 57.6 | 58.5 | 34.4 | 164        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 6    | 51     | 15     | 1.033     | -0.049    | 2.854 | 0.01      | 0.007     | 0         | 58   | 58.9 | 43   | 165        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 7    | 6      | 15     | 1.033     | -0.056    | 2.854 | 0.01      | 0.007     | 0         | 57.2 | 58.5 | 43.9 | 164        | 165        | 0          | 31     | 29     |
| 2009 | 6     | 5   | 7    | 21     | 15     | 1.033     | -0.049    | 2.858 | 0.013     | 0.01      | 0         | 58   | 58.9 | 40.9 | 165        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 7    | 36     | 15     | 1.06      | -0.056    | 2.854 | 0.01      | 0.007     | 0         | 58   | 58   | 38.3 | 164        | 165        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 7    | 51     | 15     | 1.079     | -0.069    | 2.858 | 0.01      | 0.007     | 0         | 57.6 | 58.5 | 39.1 | 164        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 8    | 6      | 15     | 1.043     | -0.026    | 2.864 | 0.013     | 0.01      | 0         | 57.6 | 58   | 40.9 | 164        | 165        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 8    | 21     | 15     | 1.07      | -0.046    | 2.861 | 0.01      | 0.007     | 0         | 57.6 | 57.6 | 40.4 | 164        | 164        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 8    | 36     | 15     | 1.05      | -0.056    | 2.864 | 0.01      | 0.007     | 0         | 57.6 | 58   | 56.3 | 164        | 165        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 8    | 51     | 15     | 1.05      | -0.059    | 2.867 | 0.01      | 0.007     | 0         | 57.2 | 58.5 | 61.9 | 163        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 9    | 6      | 15     | 1.007     | -0.033    | 2.867 | 0.01      | 0.007     | 0         | 57.6 | 57.6 | 59.8 | 164        | 165        | 0          | 30     | 31     |
| 2009 | 6     | 5   | 9    | 21     | 15     | 0.984     | -0.02     | 2.871 | 0.01      | 0.007     | 0         | 57.6 | 58   | 61.9 | 164        | 165        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 9    | 36     | 15     | 1.01      | -0.026    | 2.874 | 0.01      | 0.007     | 0         | 57.6 | 58.5 | 61.5 | 164        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 9    | 51     | 15     | 1.01      | -0.052    | 2.874 | 0.01      | 0.007     | 0         | 58   | 58.5 | 64.5 | 165        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 10   | 6      | 15     | 1.014     | -0.03     | 2.877 | 0.01      | 0.007     | 0         | 57.6 | 58.5 | 66.7 | 164        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 10   | 21     | 15     | 0.991     | -0.02     | 2.877 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 66.7 | 166        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 10   | 36     | 15     | 1.001     | -0.007    | 2.877 | 0.01      | 0.007     | 0         | 58   | 58.5 | 66.7 | 165        | 166        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 10   | 51     | 15     | 1.06      | -0.043    | 2.881 | 0.01      | 0.007     | 0         | 58   | 58.5 | 65.8 | 164        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 11   | 6      | 15     | 0.974     | -0.026    | 2.881 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 56.3 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 11   | 21     | 15     | 1.04      | -0.036    | 2.881 | 0.01      | 0.007     | 0         | 58   | 58   | 58.9 | 165        | 165        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 11   | 36     | 15     | 1.02      | -0.039    | 2.884 | 0.01      | 0.007     | 0         | 58   | 58.5 | 64.9 | 164        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 11   | 51     | 15     | 1.027     | -0.023    | 2.884 | 0.01      | 0.007     | 0         | 58   | 58.5 | 59.3 | 164        | 165        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 5   | 12   | 6      | 15     | 1.014     | -0.01     | 2.887 | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 68.4 | 165        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 12   | 21     | 15     | 1.024     | -0.01     | 2.887 | 0.01      | 0.007     | 0         | 58   | 58   | 61.5 | 165        | 165        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 12   | 36     | 15     | 1.014     | -0.02     | 2.887 | 0.01      | 0.007     | 0         | 58   | 58.5 | 66.7 | 165        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 12   | 51     | 15     | 1.07      | -0.043    | 2.887 | 0.01      | 0.007     | 0         | 58.5 | 58   | 46.9 | 165        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 13   | 6      | 15     | 1.086     | -0.03     | 2.887 | 0.01      | 0.007     | 0         | 58   | 58   | 40   | 164        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 13   | 21     | 15     | 1.04      | -0.023    | 2.89  | 0.01      | 0.007     | 0         | 58.5 | 58   | 44.3 | 165        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 13   | 36     | 15     | 1.096     | -0.03     | 2.89  | 0.01      | 0.007     | 0         | 58   | 58.5 | 41.7 | 165        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 13   | 51     | 15     | 1.076     | -0.03     | 2.89  | 0.01      | 0.007     | 0         | 58.5 | 57.6 | 41.7 | 165        | 164        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 14   | 6      | 15     | 1.079     | -0.02     | 2.894 | 0.01      | 0.007     | 0         | 58   | 58   | 42.1 | 165        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 14   | 21     | 15     | 1.063     | -0.043    | 2.897 | 0.01      | 0.007     | 0         | 58   | 58   | 66.7 | 165        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 14   | 36     | 15     | 1.066     | -0.026    | 2.897 | 0.01      | 0.007     | 0         | 58.5 | 57.6 | 45.6 | 165        | 164        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 14   | 51     | 15     | 1.053     | -0.033    | 2.9   | 0.01      | 0.007     | 0         | 58.9 | 58   | 67.9 | 166        | 165        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 15   | 6      | 15     | 1.063     | -0.007    | 2.9   | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 67.5 | 165        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 15   | 21     | 15     | 1.02      | -0.023    | 2.9   | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 67.5 | 165        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 15   | 36     | 15     | 1.001     | -0.016    | 2.9   | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 67.5 | 166        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 15   | 51     | 15     | 1.007     | -0.036    | 2.904 | 0.01      | 0.007     | 0         | 58   | 58.5 | 58.5 | 165        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 16   | 6      | 15     | 1.033     | -0.026    | 2.904 | 0.01      | 0.007     | 0         | 58   | 58.5 | 53.3 | 164        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 16   | 21     | 15     | 1.05      | -0.036    | 2.904 | 0.01      | 0.007     | 0         | 57.6 | 56.3 | 55.5 | 163        | 161        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 16   | 36     | 15     | 1.063     | -0.016    | 2.904 | 0.01      | 0.007     | 0         | 58   | 57.6 | 57.2 | 164        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 16   | 51     | 15     | 1.037     | -0.013    | 2.907 | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 67.5 | 166        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 17   | 6      | 15     | 1.076     | -0.026    | 2.907 | 0.01      | 0.007     | 0         | 58.5 | 58   | 55   | 166        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 17   | 21     | 15     | 1.047     | -0.03     | 2.91  | 0.01      | 0.007     | 0         | 58.9 | 58   | 61.1 | 166        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 17   | 36     | 15     | 1.017     | 0.007     | 2.91  | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 65.8 | 166        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 17   | 51     | 15     | 1.053     | -0.007    | 2.913 | 0.01      | 0.007     | 0         | 58.5 | 58   | 56.8 | 165        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 18   | 6      | 15     | 1.043     | -0.013    | 2.913 | 0.01      | 0.007     | 0         | 58   | 58   | 65.4 | 165        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 18   | 21     | 15     | 1.047     | -0.003    | 2.917 | 0.01      | 0.007     | 0         | 58.5 | 58   | 64.9 | 165        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 18   | 36     | 15     | 1.043     | 0         | 2.92  | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 64.1 | 165        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 18   | 51     | 15     | 1.056     | -0.02     | 2.927 | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 63.6 | 167        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 19   | 6      | 15     | 1.053     | -0.043    | 2.93  | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 64.5 | 168        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 19   | 21     | 15     | 1.04      | -0.013    | 2.933 | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 65.8 | 165        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 19   | 36     | 15     | 1.066     | -0.01     | 2.933 | 0.01      | 0.007     | 0         | 58.5 | 58   | 66.7 | 165        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 19   | 51     | 15     | 1.05      | 0.003     | 2.933 | 0.01      | 0.007     | 0         | 58   | 58.5 | 66.2 | 165        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 20   | 6      | 15     | 1.086     | -0.043    | 2.933 | 0.01      | 0.007     | 0         | 58   | 58   | 59.3 | 164        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 20   | 21     | 15     | 1.056     | -0.016    | 2.936 | 0.013     | 0.01      | 0         | 58   | 58.5 | 59.8 | 165        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 20   | 36     | 15     | 1.125     | -0.062    | 2.936 | 0.01      | 0.007     | 0         | 58   | 58   | 57.2 | 164        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 20   | 51     | 15     | 1.106     | -0.059    | 2.94  | 0.01      | 0.007     | 0         | 57.2 | 57.6 | 41.3 | 163        | 164        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 21   | 6      | 15     | 1.119     | -0.069    | 2.936 | 0.01      | 0.007     | 0         | 57.6 | 57.6 | 39.1 | 163        | 164        | 0          | 29     | 30     |
| 2009 | 6     | 5   | 21   | 21     | 15     | 1.083     | -0.02     | 2.94  | 0.01      | 0.007     | 0         | 58   | 58   | 43.4 | 164        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 21   | 36     | 15     | 1.056     | -0.013    | 2.94  | 0.01      | 0.007     | 0         | 58   | 58.5 | 50.7 | 164        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 21   | 51     | 15     | 1.086     | -0.036    | 2.943 | 0.01      | 0.007     | 0         | 58   | 58.5 | 54.6 | 164        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 5   | 22   | 6      | 15     | 1.083     | -0.023    | 2.943 | 0.01      | 0.007     | 0         | 58   | 58.5 | 62.4 | 165        | 166        | 0          | 30     | 30     |
| 2009 | 6     | 5   | 22   | 21     | 15     | 1.056     | -0.016    | 2.946 | 0.013     | 0.01      | 0         | 58.5 | 58.9 | 64.1 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 22   | 36     | 15     | 1.05      | -0.016    | 2.946 | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 63.2 | 165        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 5   | 22   | 51     | 15     | 1.05      | -0.023    | 2.949 | 0.01      | 0.007     | 0         | 57.6 | 58.5 | 63.6 | 164        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 23   | 6      | 15     | 1.03      | -0.023    | 2.956 | 0.01      | 0.007     | 0         | 57.2 | 58.5 | 64.1 | 163        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 23   | 21     | 15     | 1.024     | 0         | 2.963 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 64.9 | 163        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 5   | 23   | 36     | 15     | 1.04      | -0.039    | 2.963 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 66.7 | 164        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 5   | 23   | 51     | 15     | 1.07      | 0.003     | 2.966 | 0.01      | 0.007     | 0         | 58   | 58.5 | 66.7 | 164        | 166        | 0          | 29     | 30     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 6   | 0    | 6      | 15     | 1.086     | -0.013    | 2.966 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 67.5 | 164        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 0    | 21     | 15     | 1.06      | -0.02     | 2.969 | 0.01      | 0.007     | 0         | 57.2 | 58.5 | 68.4 | 163        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 0    | 36     | 15     | 1.066     | -0.049    | 2.969 | 0.01      | 0.007     | 0         | 57.2 | 58   | 68.8 | 162        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 0    | 51     | 15     | 1.056     | -0.03     | 2.969 | 0.01      | 0.007     | 0         | 56.8 | 58   | 67.9 | 162        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 1    | 6      | 15     | 1.056     | -0.043    | 2.969 | 0.01      | 0.007     | 0         | 57.2 | 58   | 67.9 | 162        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 1    | 21     | 15     | 1.066     | -0.016    | 2.969 | 0.01      | 0.007     | 0         | 56.8 | 58   | 67.1 | 162        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 1    | 36     | 15     | 1.04      | -0.01     | 2.969 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 66.7 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 1    | 51     | 15     | 1.06      | 0         | 2.972 | 0.01      | 0.007     | 0         | 58   | 59.3 | 66.2 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 6   | 2    | 6      | 15     | 1.047     | 0.003     | 2.972 | 0.01      | 0.007     | 0         | 57.2 | 58.5 | 66.2 | 163        | 166        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 2    | 21     | 15     | 1.063     | -0.02     | 2.976 | 0.01      | 0.007     | 0         | 57.2 | 58.5 | 65.8 | 163        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 2    | 36     | 15     | 1.024     | -0.003    | 2.976 | 0.01      | 0.007     | 0         | 57.2 | 58   | 64.9 | 163        | 165        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 2    | 51     | 15     | 1.056     | -0.046    | 2.979 | 0.01      | 0.007     | 0         | 57.2 | 58.5 | 64.1 | 162        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 3    | 6      | 15     | 1.073     | -0.01     | 2.982 | 0.01      | 0.007     | 0         | 57.2 | 58.5 | 63.2 | 163        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 3    | 21     | 15     | 1.04      | -0.02     | 2.989 | 0.01      | 0.007     | 0         | 57.6 | 58   | 64.1 | 164        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 3    | 36     | 15     | 1.066     | -0.03     | 2.992 | 0.01      | 0.007     | 0         | 57.2 | 58   | 64.9 | 163        | 165        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 3    | 51     | 15     | 1.053     | -0.056    | 2.995 | 0.01      | 0.007     | 0         | 57.2 | 58.5 | 65.8 | 163        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 4    | 6      | 15     | 1.033     | 0         | 2.995 | 0.01      | 0.007     | 0         | 57.2 | 58.5 | 65.8 | 163        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 4    | 21     | 15     | 1.083     | -0.026    | 2.999 | 0.01      | 0.007     | 0         | 57.2 | 58   | 65.4 | 163        | 165        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 4    | 36     | 15     | 1.053     | -0.043    | 2.999 | 0.01      | 0.007     | 0         | 56.8 | 58   | 67.1 | 162        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 4    | 51     | 15     | 1.07      | -0.023    | 3.002 | 0.01      | 0.007     | 0         | 56.8 | 57.6 | 67.5 | 162        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 5    | 6      | 15     | 1.06      | -0.036    | 3.002 | 0.01      | 0.007     | 0         | 56.8 | 57.2 | 67.9 | 162        | 163        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 5    | 21     | 15     | 1.047     | -0.036    | 3.002 | 0.01      | 0.007     | 0         | 56.8 | 57.6 | 67.5 | 162        | 164        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 5    | 36     | 15     | 1.06      | -0.039    | 3.002 | 0.01      | 0.007     | 0         | 56.8 | 58   | 67.1 | 162        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 5    | 51     | 15     | 1.096     | -0.026    | 3.005 | 0.01      | 0.007     | 0         | 56.8 | 58   | 67.1 | 162        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 6    | 6      | 15     | 1.079     | -0.033    | 3.005 | 0.01      | 0.007     | 0         | 56.8 | 57.6 | 66.7 | 161        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 6    | 21     | 15     | 1.06      | -0.02     | 3.005 | 0.01      | 0.007     | 0         | 57.2 | 58   | 66.7 | 162        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 6    | 36     | 15     | 1.07      | -0.013    | 3.009 | 0.01      | 0.007     | 0         | 56.3 | 58   | 65.8 | 161        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 6    | 51     | 15     | 1.05      | -0.03     | 3.009 | 0.01      | 0.007     | 0         | 56.3 | 57.6 | 65.8 | 161        | 164        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 7    | 6      | 15     | 1.066     | -0.013    | 3.012 | 0.01      | 0.007     | 0         | 56.3 | 57.6 | 64.9 | 161        | 164        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 7    | 21     | 15     | 1.063     | -0.033    | 3.012 | 0.01      | 0.007     | 0         | 55.9 | 57.6 | 64.5 | 160        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 7    | 36     | 15     | 1.06      | -0.01     | 3.015 | 0.01      | 0.007     | 0         | 55.9 | 57.6 | 63.6 | 160        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 7    | 51     | 15     | 1.07      | -0.016    | 3.022 | 0.01      | 0.007     | 0         | 55.5 | 57.6 | 64.1 | 159        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 8    | 6      | 15     | 1.06      | -0.02     | 3.025 | 0.01      | 0.007     | 0         | 55   | 57.2 | 64.5 | 158        | 163        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 8    | 21     | 15     | 1.083     | -0.026    | 3.028 | 0.01      | 0.007     | 0         | 55   | 57.2 | 64.9 | 158        | 163        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 8    | 36     | 15     | 1.073     | -0.023    | 3.028 | 0.01      | 0.007     | 0         | 55   | 57.2 | 63.6 | 157        | 163        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 8    | 51     | 15     | 1.07      | -0.026    | 3.031 | 0.01      | 0.007     | 0         | 55.5 | 58   | 64.5 | 158        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 6   | 9    | 6      | 15     | 1.04      | -0.003    | 3.031 | 0.01      | 0.007     | 0         | 54.6 | 57.2 | 64.5 | 158        | 163        | 0          | 31     | 30     |
| 2009 | 6     | 6   | 9    | 21     | 15     | 1.073     | 0         | 3.035 | 0.01      | 0.007     | 0         | 55.5 | 56.8 | 64.5 | 158        | 162        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 9    | 36     | 15     | 1.079     | -0.023    | 3.035 | 0.01      | 0.007     | 0         | 55   | 57.2 | 64.9 | 158        | 163        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 9    | 51     | 15     | 1.073     | -0.016    | 3.038 | 0.01      | 0.007     | 0         | 55   | 57.6 | 67.1 | 158        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 10   | 6      | 15     | 1.056     | -0.046    | 3.038 | 0.01      | 0.007     | 0         | 55.5 | 57.6 | 68.4 | 158        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 10   | 21     | 15     | 1.093     | -0.052    | 3.041 | 0.01      | 0.007     | 0         | 55   | 56.8 | 67.9 | 158        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 6   | 10   | 36     | 15     | 1.086     | -0.007    | 3.041 | 0.01      | 0.007     | 0         | 55   | 57.2 | 66.2 | 158        | 162        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 10   | 51     | 15     | 1.119     | -0.026    | 3.041 | 0.01      | 0.007     | 0         | 55   | 57.2 | 66.7 | 158        | 162        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 11   | 6      | 15     | 1.135     | -0.072    | 3.041 | 0.01      | 0.007     | 0         | 55   | 56.8 | 43.9 | 158        | 161        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 11   | 21     | 15     | 1.093     | -0.052    | 3.045 | 0.01      | 0.007     | 0         | 55   | 56.3 | 42.1 | 158        | 160        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 11   | 36     | 15     | 1.132     | -0.03     | 3.045 | 0.01      | 0.007     | 0         | 55   | 56.3 | 41.7 | 158        | 160        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 11   | 51     | 15     | 1.115     | -0.043    | 3.048 | 0.01      | 0.007     | 0         | 55   | 55.9 | 43.4 | 158        | 160        | 0          | 30     | 30     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 6   | 12   | 6      | 15     | 1.138     | -0.069    | 3.051 | 0.01      | 0.007     | 0         | 54.6 | 55.9 | 45.2 | 157        | 159        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 12   | 21     | 15     | 1.142     | -0.079    | 3.051 | 0.01      | 0.007     | 0         | 55   | 56.3 | 41.7 | 158        | 160        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 12   | 36     | 15     | 1.102     | -0.016    | 3.051 | 0.01      | 0.007     | 0         | 55.9 | 56.8 | 52   | 159        | 161        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 12   | 51     | 15     | 1.102     | -0.026    | 3.054 | 0.01      | 0.007     | 0         | 55.9 | 56.8 | 56.8 | 160        | 161        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 13   | 6      | 15     | 1.122     | -0.036    | 3.058 | 0.01      | 0.007     | 0         | 55.5 | 56.3 | 44.3 | 159        | 160        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 13   | 21     | 15     | 1.165     | -0.069    | 3.058 | 0.01      | 0.007     | 0         | 54.6 | 55.5 | 43.9 | 157        | 158        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 13   | 36     | 15     | 1.106     | -0.03     | 3.058 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 45.6 | 159        | 159        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 13   | 51     | 15     | 1.112     | -0.03     | 3.061 | 0.01      | 0.007     | 0         | 56.8 | 57.2 | 54.6 | 162        | 162        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 14   | 6      | 15     | 1.152     | -0.059    | 3.064 | 0.01      | 0.007     | 0         | 55.5 | 55.9 | 42.1 | 159        | 159        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 14   | 21     | 15     | 1.152     | -0.03     | 3.064 | 0.01      | 0.007     | 0         | 56.3 | 55.9 | 51.2 | 160        | 160        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 14   | 36     | 15     | 1.109     | -0.01     | 3.064 | 0.01      | 0.007     | 0         | 57.2 | 56.3 | 49   | 162        | 160        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 14   | 51     | 15     | 1.102     | -0.02     | 3.064 | 0.01      | 0.007     | 0         | 57.2 | 56.3 | 49.5 | 162        | 160        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 15   | 6      | 15     | 1.096     | -0.036    | 3.064 | 0.01      | 0.007     | 0         | 56.8 | 56.3 | 46.4 | 161        | 160        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 15   | 21     | 15     | 1.106     | -0.039    | 3.068 | 0.01      | 0.007     | 0         | 55.9 | 55.9 | 47.7 | 159        | 159        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 15   | 36     | 15     | 1.099     | -0.016    | 3.068 | 0.01      | 0.007     | 0         | 56.3 | 55   | 47.3 | 160        | 158        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 15   | 51     | 15     | 1.119     | -0.026    | 3.068 | 0.01      | 0.007     | 0         | 55.9 | 54.6 | 44.7 | 160        | 156        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 16   | 6      | 15     | 1.115     | -0.043    | 3.071 | 0.01      | 0.007     | 0         | 56.8 | 55   | 47.3 | 161        | 157        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 16   | 21     | 15     | 1.161     | -0.026    | 3.071 | 0.01      | 0.007     | 0         | 55.9 | 54.2 | 45.6 | 159        | 155        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 16   | 36     | 15     | 1.06      | -0.013    | 3.071 | 0.01      | 0.007     | 0         | 56.8 | 55   | 50.3 | 161        | 157        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 16   | 51     | 15     | 1.083     | 0         | 3.074 | 0.01      | 0.007     | 0         | 57.2 | 54.6 | 48.2 | 162        | 156        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 17   | 6      | 15     | 1.125     | -0.02     | 3.074 | 0.01      | 0.007     | 0         | 56.3 | 54.2 | 43.9 | 161        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 17   | 21     | 15     | 1.132     | -0.026    | 3.077 | 0.01      | 0.007     | 0         | 56.8 | 53.8 | 43.9 | 161        | 154        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 17   | 36     | 15     | 1.125     | -0.043    | 3.077 | 0.01      | 0.007     | 0         | 56.3 | 53.8 | 45.2 | 161        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 17   | 51     | 15     | 1.138     | -0.023    | 3.081 | 0.01      | 0.007     | 0         | 56.3 | 53.8 | 45.2 | 160        | 154        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 18   | 6      | 15     | 1.135     | -0.01     | 3.077 | 0.01      | 0.007     | 0         | 55.9 | 53.8 | 42.6 | 160        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 18   | 21     | 15     | 1.145     | -0.043    | 3.084 | 0.01      | 0.007     | 0         | 55.9 | 53.8 | 49   | 160        | 154        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 18   | 36     | 15     | 1.132     | -0.03     | 3.084 | 0.01      | 0.007     | 0         | 56.8 | 53.3 | 48.6 | 161        | 154        | 0          | 29     | 30     |
| 2009 | 6     | 6   | 18   | 51     | 15     | 1.109     | 0.01      | 3.087 | 0.01      | 0.007     | 0         | 57.2 | 54.2 | 60.6 | 163        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 19   | 6      | 15     | 1.138     | -0.039    | 3.087 | 0.01      | 0.007     | 0         | 56.8 | 54.2 | 56.8 | 162        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 19   | 21     | 15     | 1.093     | 0.003     | 3.091 | 0.01      | 0.007     | 0         | 57.2 | 54.2 | 65.8 | 163        | 155        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 19   | 36     | 15     | 1.079     | -0.007    | 3.091 | 0.01      | 0.007     | 0         | 57.6 | 54.6 | 68.4 | 163        | 155        | 0          | 29     | 28     |
| 2009 | 6     | 6   | 19   | 51     | 15     | 1.05      | 0         | 3.091 | 0.01      | 0.007     | 0         | 58   | 54.6 | 68.4 | 164        | 156        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 20   | 6      | 15     | 1.099     | -0.01     | 3.091 | 0.01      | 0.007     | 0         | 57.6 | 54.6 | 68.4 | 164        | 156        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 20   | 21     | 15     | 1.076     | 0.01      | 3.094 | 0.01      | 0.007     | 0         | 58.5 | 54.6 | 68.4 | 165        | 156        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 20   | 36     | 15     | 1.106     | -0.013    | 3.094 | 0.01      | 0.007     | 0         | 57.6 | 54.6 | 68.8 | 164        | 156        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 20   | 51     | 15     | 1.066     | -0.02     | 3.094 | 0.01      | 0.007     | 0         | 58   | 54.6 | 68.8 | 164        | 156        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 21   | 6      | 15     | 1.122     | -0.023    | 3.094 | 0.01      | 0.007     | 0         | 58   | 54.6 | 67.9 | 164        | 156        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 21   | 21     | 15     | 1.099     | 0         | 3.094 | 0.01      | 0.007     | 0         | 58   | 54.6 | 67.9 | 164        | 156        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 21   | 36     | 15     | 1.096     | -0.016    | 3.094 | 0.01      | 0.007     | 0         | 58   | 54.6 | 68.8 | 164        | 156        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 21   | 51     | 15     | 1.096     | -0.03     | 3.094 | 0.01      | 0.007     | 0         | 58   | 54.6 | 67.5 | 164        | 156        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 22   | 6      | 15     | 1.093     | -0.02     | 3.094 | 0.01      | 0.007     | 0         | 58   | 54.6 | 67.9 | 164        | 156        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 22   | 21     | 15     | 1.099     | -0.013    | 3.094 | 0.01      | 0.007     | 0         | 58   | 54.6 | 67.5 | 164        | 156        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 22   | 36     | 15     | 1.135     | -0.02     | 3.097 | 0.01      | 0.007     | 0         | 57.6 | 55   | 67.5 | 164        | 157        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 22   | 51     | 15     | 1.115     | 0.01      | 3.097 | 0.01      | 0.007     | 0         | 57.6 | 54.6 | 67.1 | 164        | 156        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 23   | 6      | 15     | 1.099     | -0.007    | 3.097 | 0.01      | 0.007     | 0         | 58   | 55   | 67.1 | 165        | 157        | 0          | 30     | 29     |
| 2009 | 6     | 6   | 23   | 21     | 15     | 1.076     | -0.003    | 3.097 | 0.01      | 0.007     | 0         | 58.5 | 55   | 67.1 | 165        | 157        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 23   | 36     | 15     | 1.129     | -0.043    | 3.097 | 0.01      | 0.007     | 0         | 58   | 54.6 | 67.5 | 164        | 156        | 0          | 29     | 29     |
| 2009 | 6     | 6   | 23   | 51     | 15     | 1.135     | 0         | 3.097 | 0.01      | 0.007     | 0         | 58   | 54.6 | 66.7 | 165        | 156        | 0          | 30     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 7   | 0    | 6      | 15     | 1.122     | -0.01     | 3.097 | 0.01      | 0.007     | 0         | 58   | 54.2 | 66.2 | 164        | 155        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 0    | 21     | 15     | 1.089     | 0         | 3.1   | 0.01      | 0.007     | 0         | 58   | 54.6 | 65.8 | 164        | 156        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 0    | 36     | 15     | 1.115     | -0.007    | 3.1   | 0.01      | 0.007     | 0         | 58   | 54.6 | 65.4 | 164        | 156        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 0    | 51     | 15     | 1.119     | -0.013    | 3.104 | 0.01      | 0.007     | 0         | 58   | 56.3 | 67.1 | 164        | 160        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 1    | 6      | 15     | 1.079     | -0.013    | 3.104 | 0.01      | 0.007     | 0         | 57.6 | 57.6 | 64.9 | 163        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 1    | 21     | 15     | 1.109     | 0         | 3.107 | 0.01      | 0.007     | 0         | 57.2 | 57.6 | 65.4 | 163        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 1    | 36     | 15     | 1.106     | -0.01     | 3.11  | 0.01      | 0.007     | 0         | 57.6 | 57.6 | 64.9 | 164        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 1    | 51     | 15     | 1.109     | -0.013    | 3.114 | 0.01      | 0.007     | 0         | 58   | 57.2 | 65.4 | 164        | 163        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 2    | 6      | 15     | 1.129     | -0.02     | 3.114 | 0.01      | 0.007     | 0         | 57.6 | 57.6 | 66.2 | 163        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 2    | 21     | 15     | 1.112     | -0.043    | 3.117 | 0.01      | 0.007     | 0         | 57.6 | 57.6 | 66.2 | 163        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 2    | 36     | 15     | 1.096     | -0.026    | 3.117 | 0.01      | 0.007     | 0         | 57.2 | 57.6 | 66.7 | 163        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 2    | 51     | 15     | 1.086     | 0.01      | 3.117 | 0.01      | 0.007     | 0         | 57.6 | 57.6 | 67.1 | 164        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 3    | 6      | 15     | 1.115     | 0         | 3.117 | 0.01      | 0.007     | 0         | 58   | 58   | 67.5 | 164        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 3    | 21     | 15     | 1.089     | -0.036    | 3.117 | 0.01      | 0.007     | 0         | 57.6 | 58   | 67.5 | 164        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 3    | 36     | 15     | 1.086     | 0.01      | 3.12  | 0.01      | 0.007     | 0         | 57.6 | 57.6 | 68.4 | 164        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 3    | 51     | 15     | 1.112     | -0.013    | 3.12  | 0.01      | 0.007     | 0         | 57.6 | 58   | 68.8 | 164        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 4    | 6      | 15     | 1.093     | 0         | 3.12  | 0.01      | 0.007     | 0         | 57.6 | 58   | 68.4 | 164        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 4    | 21     | 15     | 1.106     | -0.03     | 3.12  | 0.01      | 0.007     | 0         | 57.6 | 57.6 | 68.8 | 164        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 4    | 36     | 15     | 1.093     | -0.016    | 3.12  | 0.01      | 0.007     | 0         | 58   | 58   | 69.2 | 165        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 4    | 51     | 15     | 1.122     | -0.03     | 3.12  | 0.01      | 0.007     | 0         | 57.6 | 58   | 68.4 | 164        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 5    | 6      | 15     | 1.106     | 0.01      | 3.12  | 0.01      | 0.007     | 0         | 57.6 | 57.6 | 68.4 | 164        | 164        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 5    | 21     | 15     | 1.086     | -0.013    | 3.12  | 0.01      | 0.007     | 0         | 57.6 | 58   | 68.4 | 164        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 5    | 36     | 15     | 1.115     | 0.003     | 3.12  | 0.01      | 0.007     | 0         | 58   | 58   | 67.9 | 165        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 5    | 51     | 15     | 1.122     | -0.02     | 3.12  | 0.01      | 0.007     | 0         | 58   | 57.6 | 68.4 | 164        | 164        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 6    | 6      | 15     | 1.073     | 0         | 3.123 | 0.01      | 0.007     | 0         | 58   | 58.5 | 68.4 | 165        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 6    | 21     | 15     | 1.076     | 0.003     | 3.123 | 0.01      | 0.007     | 0         | 58   | 58.5 | 68.4 | 165        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 6    | 36     | 15     | 1.096     | -0.007    | 3.123 | 0.01      | 0.007     | 0         | 58   | 58   | 67.5 | 165        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 6    | 51     | 15     | 1.148     | -0.049    | 3.123 | 0.01      | 0.007     | 0         | 57.6 | 58   | 67.5 | 164        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 7    | 6      | 15     | 1.138     | -0.016    | 3.123 | 0.01      | 0.007     | 0         | 58.5 | 58   | 67.1 | 165        | 165        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 7    | 21     | 15     | 1.115     | -0.02     | 3.123 | 0.01      | 0.007     | 0         | 58   | 58   | 67.1 | 165        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 7    | 36     | 15     | 1.145     | -0.039    | 3.123 | 0.01      | 0.007     | 0         | 57.6 | 57.6 | 64.5 | 164        | 164        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 7    | 51     | 15     | 1.083     | -0.003    | 3.127 | 0.01      | 0.007     | 0         | 58   | 58   | 64.5 | 164        | 165        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 8    | 6      | 15     | 1.119     | -0.01     | 3.127 | 0.013     | 0.01      | 0         | 57.6 | 58   | 66.7 | 163        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 8    | 21     | 15     | 1.112     | -0.007    | 3.127 | 0.01      | 0.007     | 0         | 56.3 | 58.5 | 66.7 | 161        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 8    | 36     | 15     | 1.093     | -0.036    | 3.13  | 0.01      | 0.007     | 0         | 56.3 | 58   | 66.7 | 161        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 8    | 51     | 15     | 1.148     | -0.052    | 3.13  | 0.01      | 0.007     | 0         | 56.8 | 58.5 | 64.9 | 162        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 9    | 6      | 15     | 1.109     | 0         | 3.13  | 0.01      | 0.007     | 0         | 56.3 | 58   | 65.4 | 161        | 165        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 9    | 21     | 15     | 1.119     | 0         | 3.133 | 0.01      | 0.007     | 0         | 56.8 | 57.6 | 65.4 | 162        | 164        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 9    | 36     | 15     | 1.122     | -0.013    | 3.133 | 0.01      | 0.007     | 0         | 56.8 | 58   | 64.9 | 161        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 9    | 51     | 15     | 1.125     | -0.003    | 3.133 | 0.01      | 0.007     | 0         | 56.8 | 58   | 64.5 | 161        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 10   | 6      | 15     | 1.122     | -0.026    | 3.136 | 0.01      | 0.007     | 0         | 56.3 | 58   | 61.9 | 161        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 10   | 21     | 15     | 1.135     | -0.016    | 3.136 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 39.1 | 169        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 10   | 36     | 15     | 1.155     | -0.026    | 3.143 | 0.01      | 0.007     | 0         | 59.8 | 58   | 63.6 | 169        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 10   | 51     | 15     | 1.056     | -0.069    | 3.146 | 0.01      | 0.007     | 0         | 61.1 | 58   | 59.3 | 171        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 11   | 6      | 15     | 1.142     | -0.007    | 3.146 | 0.01      | 0.007     | 0         | 60.2 | 58.5 | 64.1 | 170        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 11   | 21     | 15     | 1.161     | -0.049    | 3.146 | 0.01      | 0.007     | 0         | 59.8 | 58   | 64.5 | 169        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 11   | 36     | 15     | 1.132     | -0.026    | 3.146 | 0.01      | 0.007     | 0         | 60.2 | 58   | 64.1 | 169        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 11   | 51     | 15     | 1.161     | -0.036    | 3.146 | 0.01      | 0.007     | 0         | 59.8 | 57.6 | 54.6 | 169        | 163        | 0          | 30     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 7   | 12   | 6      | 15     | 1.145     | -0.003    | 3.146 | 0.01      | 0.007     | 0         | 60.2 | 58   | 53.3 | 170        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 12   | 21     | 15     | 1.135     | -0.01     | 3.146 | 0.01      | 0.007     | 0         | 60.2 | 57.6 | 58   | 169        | 164        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 12   | 36     | 15     | 1.165     | -0.043    | 3.146 | 0.01      | 0.007     | 0         | 60.2 | 57.2 | 51.6 | 169        | 163        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 12   | 51     | 15     | 1.171     | -0.052    | 3.146 | 0.01      | 0.007     | 0         | 59.8 | 57.2 | 56.3 | 169        | 163        | 0          | 30     | 30     |
| 2009 | 6     | 7   | 13   | 6      | 15     | 1.171     | -0.049    | 3.15  | 0.01      | 0.007     | 0         | 59.8 | 57.6 | 46   | 168        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 13   | 21     | 15     | 1.181     | -0.033    | 3.15  | 0.01      | 0.007     | 0         | 59.8 | 57.6 | 48.6 | 168        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 13   | 36     | 15     | 1.155     | 0         | 3.146 | 0.01      | 0.007     | 0         | 60.2 | 58   | 52.9 | 169        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 13   | 51     | 15     | 1.191     | -0.016    | 3.15  | 0.01      | 0.007     | 0         | 59.8 | 57.6 | 58.9 | 168        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 14   | 6      | 15     | 1.109     | -0.026    | 3.15  | 0.01      | 0.007     | 0         | 59.8 | 57.6 | 55   | 168        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 14   | 21     | 15     | 1.132     | -0.036    | 3.15  | 0.01      | 0.007     | 0         | 59.8 | 57.6 | 58.9 | 169        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 14   | 36     | 15     | 1.165     | -0.023    | 3.15  | 0.01      | 0.007     | 0         | 59.8 | 57.6 | 61.5 | 168        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 14   | 51     | 15     | 1.165     | -0.043    | 3.153 | 0.01      | 0.007     | 0         | 60.2 | 57.2 | 42.1 | 169        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 15   | 6      | 15     | 1.148     | -0.02     | 3.153 | 0.01      | 0.007     | 0         | 59.8 | 57.2 | 42.1 | 168        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 15   | 21     | 15     | 1.168     | -0.046    | 3.153 | 0.01      | 0.007     | 0         | 60.2 | 57.2 | 46.4 | 169        | 163        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 15   | 36     | 15     | 1.217     | -0.03     | 3.15  | 0.01      | 0.007     | 0         | 59.8 | 57.6 | 43.9 | 168        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 15   | 51     | 15     | 1.201     | -0.036    | 3.153 | 0.01      | 0.007     | 0         | 59.3 | 57.2 | 43   | 167        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 16   | 6      | 15     | 1.188     | -0.023    | 3.15  | 0.01      | 0.007     | 0         | 59.8 | 58   | 55   | 168        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 7   | 16   | 21     | 15     | 1.175     | -0.026    | 3.153 | 0.01      | 0.007     | 0         | 59.8 | 57.6 | 43.9 | 168        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 16   | 36     | 15     | 1.148     | -0.013    | 3.153 | 0.01      | 0.007     | 0         | 60.2 | 57.6 | 50.7 | 169        | 164        | 0          | 29     | 30     |
| 2009 | 6     | 7   | 16   | 51     | 15     | 1.171     | -0.039    | 3.153 | 0.01      | 0.007     | 0         | 59.8 | 57.6 | 44.3 | 168        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 17   | 6      | 15     | 1.171     | -0.049    | 3.153 | 0.01      | 0.007     | 0         | 58.9 | 58   | 43   | 167        | 163        | 0          | 30     | 28     |
| 2009 | 6     | 7   | 17   | 21     | 15     | 1.171     | -0.046    | 3.153 | 0.01      | 0.007     | 0         | 59.3 | 57.6 | 43.9 | 167        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 17   | 36     | 15     | 1.175     | -0.036    | 3.153 | 0.01      | 0.007     | 0         | 59.3 | 57.2 | 44.3 | 167        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 17   | 51     | 15     | 1.158     | -0.003    | 3.15  | 0.01      | 0.007     | 0         | 59.3 | 57.6 | 51.2 | 167        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 18   | 6      | 15     | 1.132     | -0.026    | 3.15  | 0.01      | 0.007     | 0         | 59.8 | 58   | 58.5 | 168        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 18   | 21     | 15     | 1.119     | 0         | 3.15  | 0.01      | 0.007     | 0         | 59.3 | 58   | 56.8 | 167        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 7   | 18   | 36     | 15     | 1.132     | -0.016    | 3.15  | 0.01      | 0.007     | 0         | 59.3 | 57.6 | 62.4 | 167        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 18   | 51     | 15     | 1.142     | -0.026    | 3.15  | 0.01      | 0.007     | 0         | 59.3 | 57.6 | 57.6 | 167        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 19   | 6      | 15     | 1.155     | -0.026    | 3.153 | 0.01      | 0.007     | 0         | 59.3 | 58   | 62.4 | 167        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 7   | 19   | 21     | 15     | 1.138     | -0.052    | 3.153 | 0.01      | 0.007     | 0         | 59.3 | 58   | 58.9 | 168        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 19   | 36     | 15     | 1.142     | -0.02     | 3.153 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 59.8 | 168        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 7   | 19   | 51     | 15     | 1.129     | -0.02     | 3.153 | 0.01      | 0.007     | 0         | 59.8 | 58   | 61.9 | 168        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 20   | 6      | 15     | 1.142     | 0.01      | 3.156 | 0.01      | 0.007     | 0         | 59.3 | 58   | 56.8 | 167        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 20   | 21     | 15     | 1.129     | -0.033    | 3.159 | 0.01      | 0.007     | 0         | 59.3 | 58   | 58.5 | 167        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 20   | 36     | 15     | 1.112     | 0.01      | 3.156 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 54.6 | 168        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 7   | 20   | 51     | 15     | 1.152     | -0.033    | 3.163 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 64.1 | 167        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 7   | 21   | 6      | 15     | 1.112     | 0.007     | 3.166 | 0.01      | 0.007     | 0         | 59.8 | 58   | 64.9 | 168        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 21   | 21     | 15     | 1.122     | -0.01     | 3.166 | 0.01      | 0.007     | 0         | 60.2 | 58.5 | 63.2 | 169        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 21   | 36     | 15     | 1.129     | -0.049    | 3.163 | 0.01      | 0.007     | 0         | 59.3 | 58   | 47.3 | 168        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 7   | 21   | 51     | 15     | 1.175     | -0.013    | 3.163 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 52.5 | 167        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 7   | 22   | 6      | 15     | 1.148     | -0.043    | 3.166 | 0.01      | 0.007     | 0         | 59.3 | 57.6 | 60.2 | 167        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 22   | 21     | 15     | 1.148     | 0.003     | 3.166 | 0.01      | 0.007     | 0         | 59.8 | 58   | 53.3 | 168        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 22   | 36     | 15     | 1.155     | -0.03     | 3.169 | 0.01      | 0.007     | 0         | 59.8 | 58   | 66.2 | 168        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 22   | 51     | 15     | 1.119     | -0.003    | 3.166 | 0.01      | 0.007     | 0         | 60.2 | 58.9 | 55.5 | 169        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 7   | 23   | 6      | 15     | 1.142     | -0.013    | 3.169 | 0.01      | 0.007     | 0         | 59.8 | 58   | 68.4 | 168        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 23   | 21     | 15     | 1.119     | -0.03     | 3.169 | 0.01      | 0.007     | 0         | 59.8 | 58   | 68.8 | 168        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 23   | 36     | 15     | 1.132     | -0.013    | 3.169 | 0.01      | 0.007     | 0         | 59.8 | 58   | 68.4 | 168        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 7   | 23   | 51     | 15     | 1.132     | -0.003    | 3.169 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 68.8 | 168        | 164        | 0          | 30     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 8   | 0    | 6      | 15     | 1.135     | -0.01     | 3.169 | 0.01      | 0.007     | 0         | 59.8 | 58   | 68.8 | 168        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 0    | 21     | 15     | 1.145     | -0.01     | 3.169 | 0.01      | 0.007     | 0         | 59.3 | 58   | 68.4 | 168        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 0    | 36     | 15     | 1.145     | -0.02     | 3.169 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 68.8 | 168        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 8   | 0    | 51     | 15     | 1.119     | -0.046    | 3.169 | 0.01      | 0.007     | 0         | 59.3 | 58   | 68.4 | 168        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 1    | 6      | 15     | 1.112     | -0.01     | 3.169 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 67.9 | 168        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 1    | 21     | 15     | 1.112     | -0.007    | 3.169 | 0.01      | 0.007     | 0         | 59.8 | 58   | 68.4 | 168        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 1    | 36     | 15     | 1.135     | -0.013    | 3.169 | 0.01      | 0.007     | 0         | 59.8 | 58   | 67.9 | 168        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 1    | 51     | 15     | 1.122     | 0         | 3.169 | 0.01      | 0.007     | 0         | 59.8 | 58   | 68.4 | 168        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 2    | 6      | 15     | 1.148     | -0.013    | 3.169 | 0.01      | 0.007     | 0         | 59.3 | 58   | 67.9 | 167        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 2    | 21     | 15     | 1.119     | 0         | 3.169 | 0.01      | 0.007     | 0         | 59.8 | 58   | 67.5 | 168        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 2    | 36     | 15     | 1.102     | -0.013    | 3.169 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 67.5 | 168        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 2    | 51     | 15     | 1.119     | 0.003     | 3.169 | 0.01      | 0.007     | 0         | 59.8 | 58   | 67.5 | 168        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 3    | 6      | 15     | 1.119     | 0.003     | 3.173 | 0.01      | 0.007     | 0         | 59.3 | 58   | 67.5 | 168        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 3    | 21     | 15     | 1.148     | -0.023    | 3.173 | 0.01      | 0.007     | 0         | 59.3 | 58   | 67.5 | 168        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 3    | 36     | 15     | 1.145     | -0.039    | 3.173 | 0.01      | 0.007     | 0         | 59.8 | 58   | 67.9 | 168        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 3    | 51     | 15     | 1.158     | -0.013    | 3.173 | 0.01      | 0.007     | 0         | 60.6 | 57.6 | 67.5 | 170        | 164        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 4    | 6      | 15     | 1.125     | -0.013    | 3.173 | 0.01      | 0.007     | 0         | 60.2 | 58   | 67.1 | 169        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 4    | 21     | 15     | 1.171     | -0.046    | 3.173 | 0.01      | 0.007     | 0         | 58.9 | 57.6 | 67.9 | 167        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 4    | 36     | 15     | 1.135     | -0.026    | 3.173 | 0.01      | 0.007     | 0         | 59.3 | 57.6 | 66.7 | 168        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 4    | 51     | 15     | 1.161     | -0.039    | 3.173 | 0.01      | 0.007     | 0         | 58.9 | 56.8 | 66.7 | 167        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 5    | 6      | 15     | 1.145     | -0.013    | 3.173 | 0.01      | 0.007     | 0         | 59.3 | 57.6 | 66.2 | 167        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 5    | 21     | 15     | 1.142     | -0.026    | 3.173 | 0.01      | 0.007     | 0         | 59.3 | 57.6 | 66.2 | 167        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 5    | 36     | 15     | 1.119     | -0.023    | 3.173 | 0.01      | 0.007     | 0         | 58.9 | 57.6 | 65.8 | 167        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 5    | 51     | 15     | 1.171     | 0         | 3.173 | 0.01      | 0.007     | 0         | 58.5 | 57.6 | 66.2 | 166        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 6    | 6      | 15     | 1.119     | -0.023    | 3.173 | 0.01      | 0.007     | 0         | 58.9 | 57.6 | 65.4 | 167        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 6    | 21     | 15     | 1.142     | -0.026    | 3.173 | 0.01      | 0.007     | 0         | 58.9 | 57.6 | 65.8 | 167        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 6    | 36     | 15     | 1.171     | -0.007    | 3.173 | 0.01      | 0.007     | 0         | 59.3 | 57.6 | 65.8 | 167        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 6    | 51     | 15     | 1.142     | -0.026    | 3.176 | 0.01      | 0.007     | 0         | 58.9 | 58   | 65.4 | 167        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 7    | 6      | 15     | 1.181     | -0.03     | 3.176 | 0.01      | 0.007     | 0         | 59.3 | 57.2 | 65.8 | 167        | 163        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 7    | 21     | 15     | 1.138     | 0         | 3.176 | 0.01      | 0.007     | 0         | 59.3 | 58   | 65.8 | 167        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 7    | 36     | 15     | 1.152     | -0.039    | 3.176 | 0.01      | 0.007     | 0         | 59.3 | 57.2 | 64.9 | 167        | 163        | 0          | 29     | 30     |
| 2009 | 6     | 8   | 7    | 51     | 15     | 1.138     | -0.02     | 3.176 | 0.01      | 0.007     | 0         | 58.5 | 57.6 | 65.4 | 166        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 8    | 6      | 15     | 1.175     | -0.02     | 3.179 | 0.01      | 0.007     | 0         | 59.3 | 57.6 | 65.4 | 167        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 8    | 21     | 15     | 1.142     | 0         | 3.179 | 0.01      | 0.007     | 0         | 58.5 | 57.6 | 65.4 | 166        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 8    | 36     | 15     | 1.158     | 0         | 3.179 | 0.01      | 0.007     | 0         | 58.5 | 57.6 | 65.4 | 166        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 8    | 51     | 15     | 1.132     | 0.007     | 3.179 | 0.01      | 0.007     | 0         | 58.9 | 57.2 | 65.4 | 166        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 9    | 6      | 15     | 1.129     | -0.026    | 3.179 | 0.01      | 0.007     | 0         | 58.9 | 57.2 | 65.8 | 166        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 9    | 21     | 15     | 1.171     | -0.02     | 3.179 | 0.01      | 0.007     | 0         | 58.5 | 56.8 | 62.4 | 166        | 162        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 9    | 36     | 15     | 1.168     | -0.026    | 3.179 | 0.01      | 0.007     | 0         | 58.5 | 57.2 | 63.2 | 166        | 163        | 0          | 30     | 30     |
| 2009 | 6     | 8   | 9    | 51     | 15     | 1.115     | -0.016    | 3.179 | 0.01      | 0.007     | 0         | 58.9 | 57.6 | 58.9 | 167        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 10   | 6      | 15     | 1.194     | -0.026    | 3.176 | 0.01      | 0.007     | 0         | 58.5 | 57.6 | 57.6 | 166        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 10   | 21     | 15     | 1.171     | -0.026    | 3.176 | 0.01      | 0.007     | 0         | 59.3 | 57.6 | 57.6 | 167        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 10   | 36     | 15     | 1.175     | -0.01     | 3.176 | 0.01      | 0.007     | 0         | 59.3 | 57.6 | 61.1 | 167        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 10   | 51     | 15     | 1.152     | -0.013    | 3.179 | 0.01      | 0.007     | 0         | 58.9 | 57.6 | 56.8 | 167        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 11   | 6      | 15     | 1.178     | -0.013    | 3.179 | 0.01      | 0.007     | 0         | 59.3 | 57.6 | 64.5 | 167        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 11   | 21     | 15     | 1.152     | -0.013    | 3.179 | 0.01      | 0.007     | 0         | 58.9 | 57.6 | 56.3 | 167        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 11   | 36     | 15     | 1.132     | 0.007     | 3.176 | 0.01      | 0.007     | 0         | 58.9 | 57.6 | 58.5 | 167        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 11   | 51     | 15     | 1.129     | -0.013    | 3.179 | 0.01      | 0.007     | 0         | 59.3 | 57.6 | 52.5 | 167        | 163        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 8   | 12   | 6      | 15     | 1.148     | -0.016    | 3.179 | 0.01      | 0.007     | 0         | 58.9 | 57.6 | 55   | 167        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 12   | 21     | 15     | 1.188     | -0.052    | 3.182 | 0.01      | 0.007     | 0         | 58.5 | 56.8 | 42.6 | 165        | 161        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 12   | 36     | 15     | 1.188     | -0.039    | 3.179 | 0.01      | 0.007     | 0         | 58   | 56.8 | 49   | 165        | 161        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 12   | 51     | 15     | 1.194     | -0.036    | 3.179 | 0.01      | 0.007     | 0         | 59.3 | 57.6 | 46.9 | 167        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 13   | 6      | 15     | 1.158     | -0.026    | 3.179 | 0.01      | 0.007     | 0         | 59.3 | 57.6 | 51.6 | 167        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 13   | 21     | 15     | 1.194     | -0.01     | 3.179 | 0.01      | 0.007     | 0         | 58   | 57.2 | 52   | 165        | 162        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 13   | 36     | 15     | 1.184     | -0.056    | 3.179 | 0.01      | 0.007     | 0         | 59.3 | 57.2 | 48.6 | 166        | 162        | 0          | 28     | 29     |
| 2009 | 6     | 8   | 13   | 51     | 15     | 1.119     | -0.016    | 3.182 | 0.01      | 0.007     | 0         | 59.3 | 57.6 | 48.2 | 167        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 14   | 6      | 15     | 1.165     | 0         | 3.179 | 0.01      | 0.007     | 0         | 59.3 | 58   | 49   | 166        | 163        | 0          | 28     | 28     |
| 2009 | 6     | 8   | 14   | 21     | 15     | 1.184     | -0.033    | 3.182 | 0.01      | 0.007     | 0         | 58.5 | 57.2 | 44.3 | 165        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 14   | 36     | 15     | 1.132     | 0.02      | 3.179 | 0.01      | 0.007     | 0         | 59.8 | 58   | 48.2 | 168        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 14   | 51     | 15     | 1.106     | -0.089    | 3.182 | 0.01      | 0.007     | 0         | 60.6 | 57.2 | 44.3 | 170        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 15   | 6      | 15     | 1.217     | -0.046    | 3.182 | 0.01      | 0.007     | 0         | 59.3 | 56.8 | 42.1 | 167        | 161        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 15   | 21     | 15     | 1.175     | -0.036    | 3.179 | 0.01      | 0.007     | 0         | 59.3 | 57.2 | 46.9 | 167        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 15   | 36     | 15     | 1.184     | -0.023    | 3.179 | 0.01      | 0.007     | 0         | 59.3 | 57.2 | 43.4 | 167        | 161        | 0          | 29     | 28     |
| 2009 | 6     | 8   | 15   | 51     | 15     | 1.168     | -0.043    | 3.179 | 0.01      | 0.007     | 0         | 58.9 | 57.2 | 45.6 | 167        | 162        | 0          | 30     | 29     |
| 2009 | 6     | 8   | 16   | 6      | 15     | 1.175     | -0.013    | 3.179 | 0.01      | 0.007     | 0         | 59.3 | 57.6 | 49   | 167        | 162        | 0          | 29     | 28     |
| 2009 | 6     | 8   | 16   | 21     | 15     | 1.165     | -0.01     | 3.179 | 0.01      | 0.007     | 0         | 59.8 | 57.6 | 46.9 | 168        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 16   | 36     | 15     | 1.211     | -0.033    | 3.179 | 0.01      | 0.007     | 0         | 59.8 | 57.2 | 46   | 167        | 162        | 0          | 28     | 29     |
| 2009 | 6     | 8   | 16   | 51     | 15     | 1.188     | -0.026    | 3.179 | 0.01      | 0.007     | 0         | 59.8 | 57.2 | 51.6 | 167        | 162        | 0          | 28     | 29     |
| 2009 | 6     | 8   | 17   | 6      | 15     | 1.129     | -0.003    | 3.179 | 0.01      | 0.007     | 0         | 59.8 | 58   | 49   | 168        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 8   | 17   | 21     | 15     | 1.155     | -0.003    | 3.179 | 0.01      | 0.007     | 0         | 59.8 | 58   | 50.7 | 168        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 8   | 17   | 36     | 15     | 1.152     | 0         | 3.176 | 0.01      | 0.007     | 0         | 59.3 | 57.6 | 50.3 | 167        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 17   | 51     | 15     | 1.161     | -0.026    | 3.176 | 0.01      | 0.007     | 0         | 59.3 | 57.6 | 46   | 167        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 18   | 6      | 15     | 1.142     | 0         | 3.176 | 0.01      | 0.007     | 0         | 59.8 | 57.2 | 52.9 | 168        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 18   | 21     | 15     | 1.175     | -0.007    | 3.176 | 0.01      | 0.007     | 0         | 59.3 | 57.2 | 45.6 | 167        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 18   | 36     | 15     | 1.152     | 0.01      | 3.176 | 0.01      | 0.007     | 0         | 59.8 | 57.6 | 50.3 | 168        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 18   | 51     | 15     | 1.194     | -0.049    | 3.173 | 0.01      | 0.007     | 0         | 58.9 | 57.2 | 45.6 | 166        | 161        | 0          | 29     | 28     |
| 2009 | 6     | 8   | 19   | 6      | 15     | 1.122     | 0         | 3.176 | 0.01      | 0.007     | 0         | 60.2 | 57.6 | 54.2 | 168        | 163        | 0          | 28     | 29     |
| 2009 | 6     | 8   | 19   | 21     | 15     | 1.129     | 0.003     | 3.176 | 0.01      | 0.007     | 0         | 59.8 | 57.6 | 49.5 | 168        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 19   | 36     | 15     | 1.135     | 0         | 3.176 | 0.01      | 0.007     | 0         | 59.8 | 57.6 | 50.3 | 168        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 19   | 51     | 15     | 1.132     | -0.013    | 3.176 | 0.01      | 0.007     | 0         | 59.8 | 57.2 | 49   | 168        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 8   | 20   | 6      | 15     | 1.135     | -0.023    | 3.176 | 0.01      | 0.007     | 0         | 59.3 | 57.6 | 47.3 | 168        | 162        | 0          | 30     | 28     |
| 2009 | 6     | 8   | 20   | 21     | 15     | 1.125     | 0         | 3.176 | 0.01      | 0.007     | 0         | 59.8 | 56.3 | 49   | 168        | 159        | 0          | 29     | 28     |
| 2009 | 6     | 8   | 20   | 36     | 15     | 1.148     | 32767     | 3.173 | 0.013     | 0.837     | 0         | 59.8 | 0    | 45.2 | 168        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 8   | 20   | 51     | 15     | 1.155     | 32767     | 3.176 | 0.013     | 0.837     | 0         | 59.3 | 0    | 52.9 | 168        | 0          | 0          | 30     | 28     |
| 2009 | 6     | 8   | 21   | 6      | 15     | 1.148     | 32767     | 3.176 | 0.013     | 0.837     | 0         | 60.2 | 0    | 68.8 | 169        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 8   | 21   | 21     | 15     | 1.138     | 32767     | 3.176 | 0.016     | 0.837     | 0         | 59.8 | 0    | 68.4 | 168        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 8   | 21   | 36     | 15     | 1.112     | 32767     | 3.173 | 0.016     | 0.837     | 0         | 59.8 | 0    | 64.1 | 168        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 8   | 21   | 51     | 15     | 1.129     | 32767     | 3.173 | 0.016     | 0.837     | 0         | 59.8 | 0    | 61.1 | 168        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 8   | 22   | 6      | 15     | 1.115     | 32767     | 3.173 | 0.013     | 0.837     | 0         | 59.8 | 0    | 63.2 | 168        | 0          | 0          | 29     | 28     |
| 2009 | 6     | 8   | 22   | 21     | 15     | 1.106     | 32767     | 3.173 | 0.016     | 0.837     | 0         | 59.8 | 0    | 67.5 | 168        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 8   | 22   | 36     | 15     | 1.122     | 32767     | 3.173 | 0.013     | 0.837     | 0         | 59.8 | 0    | 67.5 | 168        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 8   | 22   | 51     | 15     | 1.115     | 32767     | 3.173 | 0.013     | 0.837     | 0         | 59.8 | 0    | 68.4 | 168        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 8   | 23   | 6      | 15     | 1.125     | 32767     | 3.169 | 0.016     | 0.837     | 0         | 59.3 | 0    | 67.9 | 167        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 8   | 23   | 21     | 15     | 1.079     | 32767     | 3.169 | 0.016     | 0.837     | 0         | 59.8 | 0    | 68.4 | 168        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 8   | 23   | 36     | 15     | 1.106     | 32767     | 3.169 | 0.016     | 0.837     | 0         | 59.8 | 0    | 67.9 | 168        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 8   | 23   | 51     | 15     | 1.122     | 32767     | 3.169 | 0.016     | 0.837     | 0         | 59.8 | 0    | 68.4 | 168        | 0          | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 9   | 0    | 6      | 15     | 1.125     | 32767     | 3.169 | 0.013     | 0.837     | 0         | 59.3 | 0    | 68.4 | 167        | 0          | 0          | 29     | 30     |
| 2009 | 6     | 9   | 0    | 21     | 15     | 1.109     | 32767     | 3.169 | 0.016     | 0.837     | 0         | 59.8 | 0    | 67.9 | 168        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 9   | 0    | 36     | 15     | 1.158     | 32767     | 3.169 | 0.013     | 0.837     | 0         | 59.8 | 0    | 67.5 | 168        | 0          | 0          | 29     | 30     |
| 2009 | 6     | 9   | 0    | 51     | 15     | 1.083     | 32767     | 3.169 | 0.013     | 0.837     | 0         | 59.8 | 0    | 67.9 | 168        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 9   | 1    | 6      | 15     | 1.135     | 32767     | 3.166 | 0.016     | 0.837     | 0         | 59.8 | 0    | 68.4 | 168        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 9   | 1    | 21     | 15     | 1.109     | 32767     | 3.166 | 0.016     | 0.837     | 0         | 59.8 | 0    | 68.8 | 168        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 9   | 1    | 36     | 15     | 1.119     | 32767     | 3.166 | 0.013     | 0.837     | 0         | 59.8 | 0    | 67.9 | 168        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 9   | 1    | 51     | 15     | 1.152     | 32767     | 3.166 | 0.013     | 0.837     | 0         | 59.8 | 0    | 68.4 | 168        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 9   | 2    | 6      | 15     | 1.161     | 32767     | 3.166 | 0.016     | 0.837     | 0         | 59.3 | 0    | 68.4 | 168        | 0          | 0          | 30     | 29     |
| 2009 | 6     | 9   | 2    | 21     | 15     | 1.093     | 32767     | 3.166 | 0.016     | 0.837     | 0         | 59.8 | 0    | 67.5 | 168        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 9   | 2    | 36     | 15     | 1.125     | 32767     | 3.163 | 0.013     | 0.837     | 0         | 59.8 | 0    | 67.9 | 168        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 9   | 2    | 51     | 15     | 1.129     | 32767     | 3.163 | 0.016     | 0.837     | 0         | 59.8 | 0    | 67.9 | 168        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 9   | 3    | 6      | 15     | 1.086     | 32767     | 3.163 | 0.016     | 0.837     | 0         | 60.2 | 0    | 68.4 | 169        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 9   | 3    | 21     | 15     | 1.083     | 32767     | 3.163 | 0.013     | 0.837     | 0         | 59.8 | 0    | 67.9 | 168        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 9   | 3    | 36     | 15     | 1.112     | 32767     | 3.163 | 0.013     | 0.837     | 0         | 59.3 | 0    | 68.4 | 168        | 0          | 0          | 30     | 29     |
| 2009 | 6     | 9   | 3    | 51     | 15     | 1.119     | 32767     | 3.163 | 0.016     | 0.837     | 0         | 59.8 | 0    | 67.9 | 168        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 9   | 4    | 6      | 15     | 1.155     | 32767     | 3.163 | 0.013     | 0.837     | 0         | 59.8 | 0    | 67.9 | 168        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 9   | 4    | 21     | 15     | 1.125     | 32767     | 3.163 | 0.013     | 0.837     | 0         | 59.8 | 0    | 67.9 | 168        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 9   | 4    | 36     | 15     | 1.093     | 32767     | 3.159 | 0.016     | 0.837     | 0         | 59.8 | 0    | 67.9 | 168        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 9   | 4    | 51     | 15     | 1.093     | 32767     | 3.159 | 0.013     | 0.837     | 0         | 59.8 | 0    | 67.1 | 168        | 0          | 0          | 29     | 28     |
| 2009 | 6     | 9   | 5    | 6      | 15     | 1.109     | 32767     | 3.159 | 0.013     | 0.837     | 0         | 59.8 | 0    | 67.9 | 169        | 0          | 0          | 30     | 29     |
| 2009 | 6     | 9   | 5    | 21     | 15     | 1.109     | 32767     | 3.159 | 0.016     | 0.837     | 0         | 60.2 | 0    | 67.1 | 169        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 9   | 5    | 36     | 15     | 1.096     | 32767     | 3.159 | 0.016     | 0.837     | 0         | 59.8 | 0    | 67.5 | 169        | 0          | 0          | 30     | 29     |
| 2009 | 6     | 9   | 5    | 51     | 15     | 1.119     | 32767     | 3.159 | 0.016     | 0.837     | 0         | 60.2 | 0    | 67.5 | 169        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 9   | 6    | 6      | 15     | 1.096     | 32767     | 3.159 | 0.016     | 0.837     | 0         | 60.2 | 0    | 66.7 | 169        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 9   | 6    | 21     | 15     | 1.109     | 32767     | 3.159 | 0.016     | 0.837     | 0         | 60.2 | 0    | 67.1 | 169        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 9   | 6    | 36     | 15     | 1.129     | 32767     | 3.159 | 0.013     | 0.837     | 0         | 60.2 | 0    | 66.7 | 169        | 0          | 0          | 29     | 28     |
| 2009 | 6     | 9   | 6    | 51     | 15     | 1.135     | 32767     | 3.159 | 0.013     | 0.837     | 0         | 60.2 | 0    | 67.1 | 169        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 9   | 7    | 6      | 15     | 1.129     | 32767     | 3.156 | 0.013     | 0.837     | 0         | 60.2 | 0    | 66.2 | 169        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 9   | 7    | 21     | 15     | 1.112     | 32767     | 3.156 | 0.013     | 0.837     | 0         | 60.6 | 0    | 65.4 | 170        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 9   | 7    | 36     | 15     | 1.129     | 32767     | 3.156 | 0.016     | 0.837     | 0         | 60.6 | 0    | 65.4 | 170        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 9   | 7    | 51     | 15     | 1.138     | 32767     | 3.153 | 0.013     | 0.837     | 0         | 60.2 | 0    | 64.1 | 169        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 9   | 8    | 6      | 15     | 1.119     | 32767     | 3.156 | 0.013     | 0.837     | 0         | 59.8 | 0    | 64.9 | 169        | 0          | 0          | 30     | 29     |
| 2009 | 6     | 9   | 8    | 21     | 15     | 1.096     | 32767     | 3.153 | 0.013     | 0.837     | 0         | 60.6 | 0    | 64.5 | 170        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 9   | 8    | 36     | 15     | 1.096     | 32767     | 3.153 | 0.013     | 0.837     | 0         | 59.8 | 0    | 65.4 | 169        | 0          | 0          | 30     | 30     |
| 2009 | 6     | 9   | 8    | 51     | 15     | 1.096     | 32767     | 3.153 | 0.016     | 0.837     | 0         | 60.2 | 0    | 65.4 | 169        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 9   | 9    | 6      | 15     | 1.102     | 32767     | 3.15  | 0.016     | 0.837     | 0         | 60.6 | 0    | 64.5 | 170        | 0          | 0          | 29     | 30     |
| 2009 | 6     | 9   | 9    | 21     | 15     | 1.125     | 32767     | 3.146 | 0.016     | 0.837     | 0         | 59.8 | 0    | 64.9 | 169        | 0          | 0          | 30     | 29     |
| 2009 | 6     | 9   | 9    | 36     | 15     | 1.112     | 32767     | 3.146 | 0.013     | 0.837     | 0         | 60.2 | 0    | 65.4 | 169        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 9   | 9    | 51     | 15     | 1.161     | 32767     | 3.143 | 0.016     | 0.837     | 0         | 59.8 | 0    | 61.9 | 168        | 0          | 0          | 29     | 29     |
| 2009 | 6     | 9   | 10   | 6      | 15     | 0.856     | 0.052     | 3.146 | 0.01      | 0.007     | 0         | 60.2 | 46   | 60.6 | 169        | 136        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 10   | 21     | 15     | 1.171     | -0.043    | 3.14  | 0.01      | 0.007     | 0         | 59.3 | 57.6 | 58   | 168        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 9   | 10   | 40     | 12     | 1.148     | -0.043    | 3.14  | 0.01      | 0.007     | 0         | 60.2 | 58   | 59.3 | 169        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 10   | 55     | 12     | 1.168     | -0.03     | 3.14  | 0.01      | 0.007     | 0         | 59.8 | 57.6 | 53.3 | 168        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 11   | 10     | 12     | 1.155     | -0.033    | 3.14  | 0.01      | 0.007     | 0         | 59.3 | 57.2 | 57.6 | 168        | 162        | 0          | 30     | 29     |
| 2009 | 6     | 9   | 11   | 25     | 12     | 1.155     | -0.023    | 3.14  | 0.01      | 0.007     | 0         | 60.2 | 57.6 | 62.8 | 169        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 11   | 40     | 12     | 1.135     | -0.03     | 3.14  | 0.01      | 0.007     | 0         | 60.2 | 58   | 64.5 | 169        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 11   | 55     | 12     | 1.161     | -0.016    | 3.136 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 54.6 | 168        | 164        | 0          | 29     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 9   | 12   | 10     | 12     | 1.161     | -0.039    | 3.136 | 0.01      | 0.007     | 0         | 59.8 | 57.2 | 57.2 | 168        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 12   | 25     | 12     | 1.165     | -0.046    | 3.136 | 0.01      | 0.007     | 0         | 59.8 | 57.6 | 55   | 168        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 12   | 40     | 12     | 1.204     | -0.056    | 3.136 | 0.01      | 0.007     | 0         | 58.9 | 57.2 | 42.6 | 167        | 162        | 0          | 30     | 29     |
| 2009 | 6     | 9   | 12   | 55     | 12     | 1.158     | -0.013    | 3.133 | 0.01      | 0.007     | 0         | 59.8 | 57.6 | 41.3 | 168        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 13   | 10     | 12     | 1.178     | -0.033    | 3.13  | 0.01      | 0.007     | 0         | 59.8 | 58   | 40.4 | 169        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 9   | 13   | 25     | 12     | 1.168     | -0.049    | 3.133 | 0.01      | 0.007     | 0         | 60.2 | 57.6 | 41.3 | 169        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 13   | 40     | 12     | 1.184     | -0.056    | 3.13  | 0.01      | 0.007     | 0         | 59.8 | 57.6 | 37.8 | 168        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 13   | 55     | 12     | 1.145     | -0.033    | 3.13  | 0.01      | 0.007     | 0         | 60.2 | 58.5 | 41.3 | 169        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 9   | 14   | 10     | 12     | 1.188     | -0.036    | 3.127 | 0.01      | 0.007     | 0         | 59.8 | 58   | 41.7 | 168        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 14   | 25     | 12     | 1.178     | -0.049    | 3.123 | 0.01      | 0.007     | 0         | 59.8 | 57.6 | 38.7 | 168        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 14   | 40     | 12     | 1.161     | -0.036    | 3.127 | 0.01      | 0.007     | 0         | 59.8 | 57.2 | 41.3 | 168        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 14   | 55     | 12     | 1.168     | -0.043    | 3.123 | 0.01      | 0.007     | 0         | 59.3 | 57.6 | 39.1 | 168        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 9   | 15   | 10     | 12     | 1.188     | -0.059    | 3.123 | 0.01      | 0.007     | 0         | 59.8 | 57.6 | 40.4 | 168        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 15   | 25     | 12     | 1.152     | -0.039    | 3.12  | 0.01      | 0.007     | 0         | 59.8 | 57.6 | 42.1 | 168        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 15   | 40     | 12     | 1.168     | -0.02     | 3.12  | 0.01      | 0.007     | 0         | 59.8 | 58   | 43   | 168        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 9   | 15   | 55     | 12     | 1.135     | -0.052    | 3.117 | 0.01      | 0.007     | 0         | 59.8 | 58   | 43.4 | 168        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 9   | 16   | 10     | 12     | 1.145     | -0.036    | 3.114 | 0.01      | 0.007     | 0         | 58.9 | 57.6 | 40   | 167        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 9   | 16   | 25     | 12     | 1.138     | -0.023    | 3.117 | 0.01      | 0.007     | 0         | 59.8 | 58   | 43.4 | 168        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 16   | 40     | 12     | 1.165     | -0.026    | 3.114 | 0.01      | 0.007     | 0         | 58.9 | 57.2 | 42.1 | 166        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 16   | 55     | 12     | 1.112     | -0.033    | 3.11  | 0.01      | 0.007     | 0         | 58.5 | 57.2 | 41.3 | 165        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 17   | 10     | 12     | 1.129     | 0.02      | 3.11  | 0.01      | 0.007     | 0         | 58.5 | 57.2 | 53.3 | 165        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 17   | 25     | 12     | 1.099     | -0.02     | 3.11  | 0.01      | 0.007     | 0         | 58.9 | 58   | 49.5 | 166        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 9   | 17   | 40     | 12     | 1.112     | -0.023    | 3.107 | 0.01      | 0.007     | 0         | 58.5 | 57.6 | 61.9 | 165        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 17   | 55     | 12     | 1.129     | -0.02     | 3.107 | 0.01      | 0.007     | 0         | 58.9 | 57.2 | 46   | 165        | 162        | 0          | 28     | 29     |
| 2009 | 6     | 9   | 18   | 10     | 12     | 1.155     | -0.016    | 3.107 | 0.01      | 0.007     | 0         | 58.9 | 57.2 | 48.2 | 166        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 18   | 25     | 12     | 1.145     | -0.059    | 3.104 | 0.01      | 0.007     | 0         | 58.9 | 57.6 | 45.2 | 166        | 162        | 0          | 29     | 28     |
| 2009 | 6     | 9   | 18   | 40     | 12     | 1.145     | -0.046    | 3.107 | 0.01      | 0.007     | 0         | 59.3 | 58   | 68.8 | 167        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 9   | 18   | 55     | 12     | 1.142     | -0.016    | 3.107 | 0.01      | 0.007     | 0         | 59.3 | 57.6 | 67.9 | 167        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 19   | 10     | 12     | 1.106     | -0.016    | 3.104 | 0.01      | 0.007     | 0         | 58.9 | 57.6 | 68.4 | 167        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 9   | 19   | 25     | 12     | 1.102     | -0.02     | 3.104 | 0.01      | 0.007     | 0         | 59.3 | 57.6 | 68.8 | 167        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 19   | 40     | 12     | 1.096     | 0.013     | 3.104 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 68.8 | 167        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 9   | 19   | 55     | 12     | 1.106     | 0         | 3.104 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 68.8 | 167        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 9   | 20   | 10     | 12     | 1.109     | -0.013    | 3.1   | 0.01      | 0.007     | 0         | 59.3 | 58   | 68.4 | 167        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 9   | 20   | 25     | 12     | 1.093     | -0.013    | 3.1   | 0.01      | 0.007     | 0         | 59.3 | 57.6 | 68.4 | 167        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 20   | 40     | 12     | 1.102     | -0.03     | 3.1   | 0.01      | 0.007     | 0         | 59.3 | 57.6 | 67.1 | 167        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 20   | 55     | 12     | 1.106     | -0.023    | 3.1   | 0.01      | 0.007     | 0         | 59.3 | 57.6 | 67.9 | 167        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 21   | 10     | 12     | 1.115     | -0.007    | 3.097 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 67.9 | 168        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 9   | 21   | 25     | 12     | 1.093     | 0.013     | 3.097 | 0.013     | 0.01      | 0         | 59.8 | 58   | 67.9 | 168        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 21   | 40     | 12     | 1.102     | -0.016    | 3.097 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 67.5 | 168        | 164        | 0          | 30     | 28     |
| 2009 | 6     | 9   | 21   | 55     | 12     | 1.106     | 0.01      | 3.097 | 0.01      | 0.007     | 0         | 59.8 | 58   | 67.5 | 168        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 22   | 10     | 12     | 1.096     | -0.03     | 3.094 | 0.01      | 0.007     | 0         | 59.8 | 58   | 67.1 | 168        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 22   | 25     | 12     | 1.129     | -0.01     | 3.094 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 67.1 | 168        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 22   | 40     | 12     | 1.102     | 0         | 3.094 | 0.01      | 0.007     | 0         | 59.3 | 58   | 65.8 | 167        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 22   | 55     | 12     | 1.115     | -0.016    | 3.091 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 66.2 | 168        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 23   | 10     | 12     | 1.119     | -0.033    | 3.091 | 0.01      | 0.007     | 0         | 59.3 | 58   | 65.4 | 167        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 23   | 25     | 12     | 1.079     | -0.02     | 3.091 | 0.01      | 0.007     | 0         | 58.5 | 58   | 66.2 | 166        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 9   | 23   | 40     | 12     | 1.106     | -0.01     | 3.091 | 0.01      | 0.007     | 0         | 58.9 | 58   | 66.2 | 166        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 9   | 23   | 55     | 12     | 1.119     | -0.059    | 3.087 | 0.01      | 0.007     | 0         | 58   | 57.6 | 66.2 | 165        | 163        | 0          | 30     | 29     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 10  | 0    | 10     | 12     | 1.096     | -0.02     | 3.087 | 0.01      | 0.007     | 0         | 58.9 | 57.6 | 65.8 | 166        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 0    | 25     | 12     | 1.089     | -0.013    | 3.087 | 0.01      | 0.007     | 0         | 59.3 | 57.6 | 65.8 | 166        | 163        | 0          | 28     | 29     |
| 2009 | 6     | 10  | 0    | 40     | 12     | 1.076     | -0.016    | 3.084 | 0.01      | 0.007     | 0         | 58.9 | 58   | 65.4 | 166        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 0    | 55     | 12     | 1.093     | -0.026    | 3.084 | 0.01      | 0.007     | 0         | 58.5 | 58   | 65.4 | 166        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 10  | 1    | 10     | 12     | 1.096     | -0.003    | 3.084 | 0.01      | 0.007     | 0         | 58.9 | 58   | 64.9 | 166        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 1    | 25     | 12     | 1.099     | -0.013    | 3.081 | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 64.9 | 166        | 164        | 0          | 30     | 28     |
| 2009 | 6     | 10  | 1    | 40     | 12     | 1.093     | -0.016    | 3.081 | 0.01      | 0.007     | 0         | 58.9 | 58   | 65.4 | 166        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 1    | 55     | 12     | 1.07      | 0.01      | 3.081 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 64.1 | 166        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 10  | 2    | 10     | 12     | 1.076     | -0.007    | 3.077 | 0.01      | 0.007     | 0         | 58.9 | 58   | 64.9 | 166        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 2    | 25     | 12     | 1.093     | -0.036    | 3.074 | 0.01      | 0.007     | 0         | 58.9 | 58   | 64.9 | 166        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 2    | 40     | 12     | 1.102     | 0         | 3.074 | 0.01      | 0.007     | 0         | 58.9 | 58   | 64.9 | 166        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 2    | 55     | 12     | 1.115     | -0.026    | 3.071 | 0.01      | 0.007     | 0         | 58.9 | 58   | 64.5 | 166        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 3    | 10     | 12     | 1.138     | -0.026    | 3.071 | 0.01      | 0.007     | 0         | 58.5 | 58   | 64.9 | 166        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 10  | 3    | 25     | 12     | 1.099     | -0.02     | 3.071 | 0.01      | 0.007     | 0         | 58.9 | 58   | 64.5 | 166        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 3    | 40     | 12     | 1.109     | -0.003    | 3.068 | 0.01      | 0.007     | 0         | 58.9 | 58   | 65.4 | 166        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 3    | 55     | 12     | 1.076     | 0.01      | 3.068 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 64.5 | 167        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 4    | 10     | 12     | 1.07      | -0.026    | 3.068 | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 64.9 | 166        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 10  | 4    | 25     | 12     | 1.129     | -0.03     | 3.068 | 0.01      | 0.007     | 0         | 58.5 | 58   | 64.9 | 166        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 10  | 4    | 40     | 12     | 1.106     | -0.039    | 3.064 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 65.4 | 167        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 10  | 4    | 55     | 12     | 1.083     | -0.033    | 3.064 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 65.4 | 168        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 5    | 10     | 12     | 1.099     | -0.03     | 3.064 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 65.8 | 167        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 10  | 5    | 25     | 12     | 1.102     | -0.026    | 3.061 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 65.8 | 168        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 10  | 5    | 40     | 12     | 1.073     | -0.043    | 3.061 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 65.8 | 168        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 5    | 55     | 12     | 1.112     | -0.026    | 3.061 | 0.01      | 0.007     | 0         | 59.8 | 58   | 65.8 | 168        | 165        | 0          | 29     | 30     |
| 2009 | 6     | 10  | 6    | 10     | 12     | 1.096     | -0.043    | 3.061 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 66.2 | 168        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 6    | 25     | 12     | 1.138     | -0.039    | 3.061 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 66.7 | 168        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 10  | 6    | 40     | 12     | 1.089     | 0         | 3.058 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 66.7 | 168        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 6    | 55     | 12     | 1.109     | -0.026    | 3.058 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 66.7 | 169        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 10  | 7    | 10     | 12     | 1.099     | -0.007    | 3.058 | 0.01      | 0.007     | 0         | 60.2 | 58.9 | 66.7 | 169        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 7    | 25     | 12     | 1.076     | -0.013    | 3.058 | 0.01      | 0.007     | 0         | 60.2 | 58.9 | 66.2 | 169        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 7    | 40     | 12     | 1.079     | -0.026    | 3.058 | 0.01      | 0.007     | 0         | 60.2 | 58.9 | 66.7 | 169        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 7    | 55     | 12     | 1.093     | -0.01     | 3.054 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 66.7 | 169        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 10  | 8    | 10     | 12     | 1.073     | 0         | 3.054 | 0.01      | 0.007     | 0         | 60.6 | 59.3 | 66.7 | 170        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 8    | 25     | 12     | 1.106     | -0.016    | 3.054 | 0.01      | 0.007     | 0         | 60.2 | 58.9 | 66.7 | 169        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 8    | 40     | 12     | 1.093     | -0.003    | 3.054 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 66.7 | 169        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 10  | 8    | 55     | 12     | 1.076     | 0         | 3.054 | 0.01      | 0.007     | 0         | 60.2 | 58.9 | 67.1 | 169        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 9    | 10     | 12     | 1.112     | 0         | 3.054 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 67.5 | 169        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 10  | 9    | 25     | 12     | 1.083     | -0.049    | 3.054 | 0.01      | 0.007     | 0         | 60.2 | 58.9 | 67.5 | 169        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 9    | 40     | 12     | 1.112     | -0.016    | 3.054 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 67.5 | 169        | 166        | 0          | 30     | 30     |
| 2009 | 6     | 10  | 9    | 55     | 12     | 1.099     | -0.026    | 3.051 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 68.4 | 169        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 10  | 10   | 10     | 12     | 1.07      | -0.043    | 3.051 | 0.01      | 0.007     | 0         | 60.2 | 58.9 | 67.9 | 169        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 10   | 25     | 12     | 1.07      | -0.007    | 3.051 | 0.01      | 0.007     | 0         | 60.2 | 58.9 | 67.5 | 169        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 10   | 40     | 12     | 1.102     | -0.026    | 3.051 | 0.01      | 0.007     | 0         | 60.2 | 58.9 | 67.9 | 169        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 10   | 55     | 12     | 1.066     | 0.01      | 3.051 | 0.01      | 0.007     | 0         | 60.6 | 58.9 | 66.7 | 170        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 11   | 10     | 12     | 1.066     | -0.003    | 3.048 | 0.013     | 0.01      | 0         | 60.2 | 58.9 | 66.2 | 169        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 11   | 25     | 12     | 1.056     | -0.01     | 3.048 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 66.2 | 168        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 11   | 40     | 12     | 1.073     | 0         | 3.038 | 0.01      | 0.007     | 0         | 59.3 | 58   | 57.6 | 168        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 10  | 11   | 55     | 12     | 1.086     | -0.007    | 3.035 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 61.1 | 168        | 165        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 10  | 12   | 10     | 12     | 1.099     | -0.013    | 3.035 | 0.01      | 0.007     | 0         | 59.8 | 58   | 64.5 | 168        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 12   | 25     | 12     | 1.093     | -0.03     | 3.031 | 0.01      | 0.007     | 0         | 59.8 | 58   | 64.5 | 168        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 12   | 40     | 12     | 1.066     | -0.007    | 3.031 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 65.4 | 167        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 10  | 12   | 55     | 12     | 1.063     | -0.026    | 3.028 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 63.6 | 168        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 10  | 13   | 10     | 12     | 1.056     | -0.02     | 3.028 | 0.01      | 0.007     | 0         | 59.8 | 58   | 64.1 | 168        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 13   | 25     | 12     | 1.132     | -0.043    | 3.028 | 0.01      | 0.007     | 0         | 59.3 | 58   | 64.1 | 167        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 13   | 40     | 12     | 1.129     | -0.026    | 3.025 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 49.9 | 167        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 10  | 13   | 55     | 12     | 1.102     | -0.023    | 3.025 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 45.2 | 168        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 10  | 14   | 10     | 12     | 1.112     | -0.043    | 3.025 | 0.01      | 0.007     | 0         | 59.3 | 58   | 40   | 167        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 14   | 25     | 12     | 1.086     | -0.013    | 3.025 | 0.01      | 0.007     | 0         | 59.3 | 58   | 48.2 | 167        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 14   | 40     | 12     | 1.135     | -0.049    | 3.022 | 0.01      | 0.007     | 0         | 59.3 | 58   | 49   | 167        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 10  | 14   | 55     | 12     | 1.125     | -0.007    | 3.022 | 0.01      | 0.007     | 0         | 58.9 | 57.6 | 43.9 | 166        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 15   | 10     | 12     | 1.089     | -0.02     | 3.018 | 0.01      | 0.007     | 0         | 59.3 | 58   | 49   | 167        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 15   | 25     | 12     | 1.109     | -0.016    | 3.018 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 44.7 | 167        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 10  | 15   | 40     | 12     | 1.083     | -0.03     | 3.015 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 47.7 | 167        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 10  | 15   | 55     | 12     | 1.102     | -0.043    | 3.018 | 0.01      | 0.007     | 0         | 58.9 | 57.6 | 52   | 166        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 16   | 10     | 12     | 1.112     | -0.052    | 3.015 | 0.01      | 0.007     | 0         | 58.5 | 57.2 | 49.5 | 166        | 162        | 0          | 30     | 29     |
| 2009 | 6     | 10  | 16   | 25     | 12     | 1.073     | -0.033    | 3.012 | 0.01      | 0.007     | 0         | 59.3 | 58   | 45.6 | 167        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 16   | 40     | 12     | 1.115     | -0.049    | 3.009 | 0.01      | 0.007     | 0         | 58.9 | 58   | 44.7 | 166        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 10  | 16   | 55     | 12     | 1.106     | -0.023    | 3.009 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 53.8 | 167        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 10  | 17   | 10     | 12     | 1.089     | -0.007    | 3.009 | 0.01      | 0.007     | 0         | 59.3 | 58   | 49.5 | 167        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 17   | 25     | 12     | 1.112     | -0.046    | 3.005 | 0.01      | 0.007     | 0         | 59.3 | 58   | 59.8 | 167        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 17   | 40     | 12     | 1.083     | -0.023    | 3.005 | 0.01      | 0.007     | 0         | 59.3 | 58   | 64.5 | 167        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 17   | 55     | 12     | 1.063     | -0.036    | 3.002 | 0.01      | 0.007     | 0         | 59.3 | 57.6 | 64.9 | 167        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 18   | 10     | 12     | 1.063     | -0.013    | 2.999 | 0.01      | 0.007     | 0         | 60.2 | 58   | 65.4 | 168        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 10  | 18   | 25     | 12     | 1.027     | -0.003    | 2.999 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 65.4 | 168        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 10  | 18   | 40     | 12     | 1.073     | -0.033    | 2.995 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 65.8 | 168        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 18   | 55     | 12     | 1.099     | 0         | 2.995 | 0.01      | 0.007     | 0         | 59.3 | 58   | 66.7 | 167        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 19   | 10     | 12     | 1.076     | -0.043    | 2.995 | 0.01      | 0.007     | 0         | 59.3 | 58   | 66.7 | 167        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 19   | 25     | 12     | 1.079     | -0.013    | 2.992 | 0.01      | 0.007     | 0         | 59.3 | 58   | 66.7 | 167        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 19   | 40     | 12     | 1.043     | -0.003    | 2.992 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 67.1 | 168        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 19   | 55     | 12     | 1.07      | -0.013    | 2.992 | 0.01      | 0.007     | 0         | 59.3 | 58   | 67.5 | 167        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 20   | 10     | 12     | 1.056     | 0         | 2.992 | 0.01      | 0.007     | 0         | 59.3 | 58   | 67.1 | 167        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 20   | 25     | 12     | 1.066     | -0.016    | 2.989 | 0.01      | 0.007     | 0         | 59.3 | 58   | 67.5 | 167        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 20   | 40     | 12     | 1.047     | -0.02     | 2.989 | 0.01      | 0.007     | 0         | 60.2 | 58.9 | 67.5 | 169        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 20   | 55     | 12     | 1.04      | 0         | 2.989 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 67.5 | 167        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 21   | 10     | 12     | 1.076     | -0.033    | 2.989 | 0.01      | 0.007     | 0         | 59.3 | 58   | 67.9 | 167        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 21   | 25     | 12     | 1.086     | -0.02     | 2.986 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 67.9 | 167        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 10  | 21   | 40     | 12     | 1.053     | -0.02     | 2.986 | 0.01      | 0.007     | 0         | 58.9 | 58   | 68.8 | 166        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 10  | 21   | 55     | 12     | 1.056     | -0.02     | 2.986 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 68.4 | 168        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 10  | 22   | 10     | 12     | 1.066     | -0.03     | 2.986 | 0.01      | 0.007     | 0         | 59.3 | 58   | 68.8 | 167        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 22   | 25     | 12     | 1.05      | -0.016    | 2.982 | 0.01      | 0.007     | 0         | 58.5 | 57.6 | 68.4 | 166        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 10  | 22   | 40     | 12     | 1.037     | -0.043    | 2.982 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 68.8 | 168        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 22   | 55     | 12     | 1.01      | -0.02     | 2.982 | 0.01      | 0.007     | 0         | 58.5 | 57.6 | 69.2 | 165        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 23   | 10     | 12     | 1.073     | -0.03     | 2.979 | 0.01      | 0.007     | 0         | 58.5 | 57.6 | 68.8 | 165        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 23   | 25     | 12     | 1.024     | -0.033    | 2.979 | 0.01      | 0.007     | 0         | 58.9 | 58   | 67.9 | 166        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 10  | 23   | 40     | 12     | 1.04      | -0.036    | 2.979 | 0.01      | 0.007     | 0         | 58.5 | 57.6 | 67.5 | 165        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 10  | 23   | 55     | 12     | 1.06      | -0.033    | 2.976 | 0.01      | 0.007     | 0         | 58   | 57.2 | 67.5 | 165        | 162        | 0          | 30     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 11  | 0    | 10     | 12     | 1.063     | -0.003    | 2.976 | 0.01      | 0.007     | 0         | 58.9 | 58   | 67.1 | 166        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 0    | 25     | 12     | 1.033     | -0.036    | 2.976 | 0.01      | 0.007     | 0         | 58.9 | 58   | 67.1 | 166        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 0    | 40     | 12     | 1.066     | -0.046    | 2.972 | 0.01      | 0.007     | 0         | 58.9 | 58   | 66.7 | 166        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 0    | 55     | 12     | 1.043     | 0         | 2.972 | 0.01      | 0.007     | 0         | 59.3 | 58   | 65.4 | 167        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 1    | 10     | 12     | 1.07      | -0.03     | 2.972 | 0.013     | 0.01      | 0         | 58.5 | 58.5 | 66.2 | 166        | 164        | 0          | 30     | 28     |
| 2009 | 6     | 11  | 1    | 25     | 12     | 1.033     | -0.013    | 2.969 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 65.4 | 167        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 1    | 40     | 12     | 1.093     | -0.033    | 2.969 | 0.01      | 0.007     | 0         | 58.9 | 58   | 64.9 | 166        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 1    | 55     | 12     | 1.063     | -0.03     | 2.969 | 0.01      | 0.007     | 0         | 58   | 58   | 65.4 | 165        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 11  | 2    | 10     | 12     | 1.033     | -0.016    | 2.969 | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 65.4 | 166        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 11  | 2    | 25     | 12     | 1.06      | -0.033    | 2.966 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 65.4 | 169        | 167        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 2    | 40     | 12     | 1.079     | -0.016    | 2.966 | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 65.4 | 166        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 11  | 2    | 55     | 12     | 1.053     | -0.023    | 2.963 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 65.4 | 166        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 3    | 10     | 12     | 1.06      | -0.036    | 2.963 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 64.9 | 167        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 11  | 3    | 25     | 12     | 1.073     | -0.056    | 2.956 | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 55.9 | 166        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 11  | 3    | 40     | 12     | 1.089     | -0.043    | 2.956 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 61.5 | 167        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 3    | 55     | 12     | 1.043     | -0.016    | 2.956 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 64.9 | 167        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 4    | 10     | 12     | 1.037     | -0.023    | 2.953 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 64.9 | 167        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 4    | 25     | 12     | 1.024     | -0.043    | 2.949 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 64.9 | 167        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 4    | 40     | 12     | 1.014     | -0.013    | 2.949 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 64.5 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 4    | 55     | 12     | 1.03      | -0.049    | 2.949 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 64.9 | 168        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 5    | 10     | 12     | 1.053     | -0.046    | 2.949 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 64.9 | 169        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 11  | 5    | 25     | 12     | 1.07      | -0.01     | 2.946 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 65.8 | 167        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 11  | 5    | 40     | 12     | 1.079     | -0.033    | 2.946 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 65.4 | 168        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 5    | 55     | 12     | 1.02      | -0.023    | 2.946 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 65.8 | 168        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 6    | 10     | 12     | 1.007     | -0.02     | 2.943 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 65.8 | 169        | 167        | 0          | 30     | 30     |
| 2009 | 6     | 11  | 6    | 25     | 12     | 1.043     | -0.02     | 2.943 | 0.01      | 0.007     | 0         | 60.2 | 59.8 | 66.2 | 169        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 11  | 6    | 40     | 12     | 1.033     | -0.01     | 2.943 | 0.01      | 0.007     | 0         | 60.2 | 58.9 | 66.2 | 169        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 11  | 6    | 55     | 12     | 1.05      | -0.01     | 2.943 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 66.7 | 169        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 11  | 7    | 10     | 12     | 1.05      | -0.036    | 2.943 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 66.7 | 168        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 7    | 25     | 12     | 1.053     | -0.013    | 2.94  | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 66.2 | 168        | 166        | 0          | 29     | 30     |
| 2009 | 6     | 11  | 7    | 40     | 12     | 1.024     | -0.052    | 2.94  | 0.01      | 0.007     | 0         | 60.2 | 59.8 | 66.7 | 169        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 11  | 7    | 55     | 12     | 1.047     | -0.016    | 2.94  | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 66.7 | 169        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 11  | 8    | 10     | 12     | 1.053     | -0.03     | 2.94  | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 67.1 | 168        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 11  | 8    | 25     | 12     | 1.02      | -0.039    | 2.94  | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 67.1 | 168        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 11  | 8    | 40     | 12     | 1.014     | -0.033    | 2.94  | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 67.5 | 168        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 11  | 8    | 55     | 12     | 1.033     | 0.003     | 2.936 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 67.5 | 168        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 9    | 10     | 12     | 1.056     | -0.03     | 2.936 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 67.5 | 168        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 9    | 25     | 12     | 1.043     | -0.013    | 2.936 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 67.9 | 167        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 9    | 40     | 12     | 1.043     | -0.023    | 2.936 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 68.4 | 167        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 9    | 55     | 12     | 1.01      | -0.043    | 2.936 | 0.013     | 0.01      | 0         | 59.8 | 58.9 | 67.9 | 168        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 10   | 10     | 12     | 1.014     | -0.043    | 2.933 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 67.9 | 168        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 11  | 10   | 25     | 12     | 1.037     | -0.039    | 2.933 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 67.5 | 167        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 10   | 40     | 12     | 1.073     | -0.069    | 2.933 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 66.7 | 167        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 10   | 55     | 12     | 1.06      | -0.03     | 2.93  | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 66.7 | 167        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 11   | 10     | 12     | 1.03      | 0         | 2.93  | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 62.8 | 168        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 11  | 11   | 25     | 12     | 1.03      | -0.03     | 2.923 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 56.8 | 167        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 11   | 40     | 12     | 1.063     | -0.036    | 2.92  | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 55   | 167        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 11   | 55     | 12     | 1.03      | -0.03     | 2.917 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 49   | 168        | 165        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 11  | 12   | 10     | 12     | 1.056     | -0.026    | 2.913 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 60.6 | 167        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 12   | 25     | 12     | 1.063     | -0.062    | 2.913 | 0.013     | 0.01      | 0         | 59.3 | 58.5 | 46.4 | 167        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 12   | 40     | 12     | 1.073     | -0.036    | 2.913 | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 48.2 | 166        | 164        | 0          | 30     | 28     |
| 2009 | 6     | 11  | 12   | 55     | 12     | 1.086     | -0.066    | 2.917 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 44.7 | 166        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 11  | 13   | 10     | 12     | 1.079     | -0.03     | 2.913 | 0.01      | 0.007     | 0         | 58.5 | 57.6 | 43.4 | 165        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 13   | 25     | 12     | 1.066     | -0.033    | 2.91  | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 45.2 | 166        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 11  | 13   | 40     | 12     | 1.056     | -0.046    | 2.91  | 0.01      | 0.007     | 0         | 58.9 | 57.6 | 52   | 166        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 13   | 55     | 12     | 1.083     | -0.039    | 2.91  | 0.01      | 0.007     | 0         | 58.9 | 58   | 42.6 | 165        | 163        | 0          | 28     | 28     |
| 2009 | 6     | 11  | 14   | 10     | 12     | 1.017     | -0.016    | 2.907 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 43.9 | 167        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 11  | 14   | 25     | 12     | 1.047     | -0.033    | 2.904 | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 40.4 | 166        | 164        | 0          | 30     | 28     |
| 2009 | 6     | 11  | 14   | 40     | 12     | 1.07      | -0.036    | 2.904 | 0.01      | 0.007     | 0         | 58.9 | 58   | 46   | 166        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 14   | 55     | 12     | 1.053     | -0.03     | 2.9   | 0.01      | 0.007     | 0         | 58.9 | 58   | 42.6 | 166        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 15   | 10     | 12     | 1.027     | -0.043    | 2.897 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 45.6 | 166        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 11  | 15   | 25     | 12     | 1.03      | -0.023    | 2.894 | 0.01      | 0.007     | 0         | 58.5 | 58   | 42.6 | 166        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 11  | 15   | 40     | 12     | 1.056     | -0.007    | 2.897 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 43   | 166        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 15   | 55     | 12     | 1.066     | -0.036    | 2.894 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 40.4 | 166        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 11  | 16   | 10     | 12     | 1.07      | -0.033    | 2.89  | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 41.3 | 165        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 11  | 16   | 25     | 12     | 1.079     | -0.046    | 2.887 | 0.01      | 0.007     | 0         | 58.5 | 57.6 | 40.4 | 165        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 16   | 40     | 12     | 1.07      | -0.013    | 2.887 | 0.01      | 0.007     | 0         | 58.9 | 58   | 41.3 | 166        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 16   | 55     | 12     | 1.083     | -0.043    | 2.884 | 0.01      | 0.007     | 0         | 58.5 | 57.6 | 41.3 | 165        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 17   | 10     | 12     | 1.079     | -0.039    | 2.881 | 0.01      | 0.007     | 0         | 58.5 | 57.6 | 43   | 165        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 17   | 25     | 12     | 1.07      | -0.052    | 2.881 | 0.01      | 0.007     | 0         | 58   | 57.2 | 45.2 | 164        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 17   | 40     | 12     | 1.047     | -0.046    | 2.881 | 0.01      | 0.007     | 0         | 58.5 | 57.6 | 41.7 | 165        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 17   | 55     | 12     | 1.07      | -0.059    | 2.877 | 0.01      | 0.007     | 0         | 58   | 57.2 | 40.4 | 164        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 18   | 10     | 12     | 1.04      | -0.03     | 2.877 | 0.01      | 0.007     | 0         | 58.5 | 57.6 | 45.2 | 165        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 18   | 25     | 12     | 1.07      | -0.059    | 2.874 | 0.01      | 0.007     | 0         | 58.5 | 57.6 | 45.6 | 165        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 18   | 40     | 12     | 1.07      | -0.026    | 2.874 | 0.01      | 0.007     | 0         | 58.5 | 57.6 | 42.1 | 165        | 162        | 0          | 29     | 28     |
| 2009 | 6     | 11  | 18   | 55     | 12     | 1.04      | -0.013    | 2.871 | 0.01      | 0.007     | 0         | 58   | 58   | 49.5 | 165        | 163        | 0          | 30     | 28     |
| 2009 | 6     | 11  | 19   | 10     | 12     | 1.056     | -0.03     | 2.871 | 0.01      | 0.007     | 0         | 58.5 | 57.6 | 43.9 | 165        | 162        | 0          | 29     | 28     |
| 2009 | 6     | 11  | 19   | 25     | 12     | 1.053     | -0.072    | 2.871 | 0.01      | 0.007     | 0         | 58   | 57.2 | 61.1 | 164        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 19   | 40     | 12     | 1.05      | -0.059    | 2.871 | 0.013     | 0.01      | 0         | 58.5 | 57.2 | 55.5 | 165        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 19   | 55     | 12     | 1.063     | -0.023    | 2.871 | 0.01      | 0.007     | 0         | 58   | 57.6 | 67.1 | 165        | 163        | 0          | 30     | 29     |
| 2009 | 6     | 11  | 20   | 10     | 12     | 1.017     | -0.003    | 2.867 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 62.8 | 167        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 11  | 20   | 25     | 12     | 1.05      | -0.01     | 2.867 | 0.01      | 0.007     | 0         | 58.9 | 58   | 67.5 | 166        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 20   | 40     | 12     | 1.05      | -0.03     | 2.867 | 0.013     | 0.01      | 0         | 59.3 | 58   | 67.1 | 167        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 20   | 55     | 12     | 1.02      | -0.039    | 2.864 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 67.1 | 167        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 11  | 21   | 10     | 12     | 1.047     | -0.033    | 2.864 | 0.01      | 0.007     | 0         | 59.3 | 58   | 66.2 | 167        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 21   | 25     | 12     | 1.03      | -0.033    | 2.861 | 0.013     | 0.01      | 0         | 59.3 | 58.5 | 66.7 | 167        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 11  | 21   | 40     | 12     | 1.047     | -0.013    | 2.861 | 0.013     | 0.01      | 0         | 59.3 | 58.5 | 64.1 | 167        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 11  | 21   | 55     | 12     | 1.037     | -0.003    | 2.854 | 0.01      | 0.007     | 0         | 59.3 | 58   | 54.6 | 167        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 22   | 10     | 12     | 1.017     | -0.01     | 2.851 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 46.4 | 166        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 11  | 22   | 25     | 12     | 1.014     | -0.046    | 2.851 | 0.01      | 0.007     | 0         | 58.9 | 58   | 58.9 | 166        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 22   | 40     | 12     | 1.024     | -0.007    | 2.848 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 52   | 166        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 11  | 22   | 55     | 12     | 1.03      | -0.026    | 2.844 | 0.01      | 0.007     | 0         | 58.9 | 57.6 | 49.9 | 166        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 23   | 10     | 12     | 1.03      | -0.046    | 2.844 | 0.01      | 0.007     | 0         | 58.9 | 58   | 46.9 | 166        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 23   | 25     | 12     | 1.024     | -0.03     | 2.841 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 58.9 | 167        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 11  | 23   | 40     | 12     | 1.001     | -0.013    | 2.841 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 65.4 | 167        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 11  | 23   | 55     | 12     | 0.994     | -0.036    | 2.838 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 65.8 | 168        | 165        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 12  | 0    | 10     | 12     | 0.997     | -0.01     | 2.838 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 65.8 | 168        | 166        | 0          | 29     | 30     |
| 2009 | 6     | 12  | 0    | 25     | 12     | 1.03      | -0.03     | 2.835 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 65.8 | 168        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 0    | 40     | 12     | 0.971     | -0.02     | 2.835 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 65.8 | 168        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 0    | 55     | 12     | 0.997     | -0.013    | 2.835 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 64.9 | 167        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 12  | 1    | 10     | 12     | 1.01      | -0.049    | 2.831 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 67.1 | 167        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 1    | 25     | 12     | 1.024     | -0.02     | 2.831 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 66.7 | 168        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 12  | 1    | 40     | 12     | 1.007     | -0.036    | 2.831 | 0.01      | 0.007     | 0         | 60.2 | 58.9 | 66.2 | 169        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 1    | 55     | 12     | 1.06      | -0.03     | 2.828 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 67.5 | 168        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 2    | 10     | 12     | 1.01      | -0.023    | 2.828 | 0.01      | 0.007     | 0         | 60.2 | 59.3 | 67.5 | 169        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 2    | 25     | 12     | 1.01      | -0.03     | 2.828 | 0.01      | 0.007     | 0         | 60.6 | 59.8 | 67.1 | 170        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 12  | 2    | 40     | 12     | 0.978     | -0.016    | 2.828 | 0.013     | 0.01      | 0         | 60.6 | 59.3 | 67.1 | 170        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 2    | 55     | 12     | 1.001     | -0.023    | 2.825 | 0.01      | 0.007     | 0         | 60.6 | 58.9 | 67.9 | 169        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 12  | 3    | 10     | 12     | 1.004     | -0.02     | 2.825 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 67.9 | 169        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 12  | 3    | 25     | 12     | 0.974     | -0.026    | 2.825 | 0.01      | 0.007     | 0         | 60.6 | 59.3 | 67.1 | 170        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 3    | 40     | 12     | 0.997     | -0.013    | 2.822 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 67.9 | 169        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 12  | 3    | 55     | 12     | 0.958     | -0.026    | 2.822 | 0.01      | 0.007     | 0         | 60.2 | 58.5 | 67.5 | 169        | 166        | 0          | 29     | 30     |
| 2009 | 6     | 12  | 4    | 10     | 12     | 1.001     | -0.03     | 2.822 | 0.01      | 0.007     | 0         | 60.6 | 59.3 | 67.5 | 170        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 4    | 25     | 12     | 0.961     | -0.023    | 2.822 | 0.01      | 0.007     | 0         | 61.9 | 61.1 | 66.7 | 173        | 170        | 0          | 29     | 28     |
| 2009 | 6     | 12  | 4    | 40     | 12     | 0.988     | -0.043    | 2.818 | 0.01      | 0.007     | 0         | 60.6 | 59.3 | 66.7 | 170        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 4    | 55     | 12     | 1.001     | -0.016    | 2.818 | 0.01      | 0.007     | 0         | 60.2 | 58.9 | 66.7 | 169        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 5    | 10     | 12     | 0.974     | -0.013    | 2.815 | 0.01      | 0.007     | 0         | 60.2 | 58.9 | 66.7 | 169        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 5    | 25     | 12     | 0.951     | -0.036    | 2.815 | 0.01      | 0.007     | 0         | 60.2 | 59.3 | 65.4 | 170        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 12  | 5    | 40     | 12     | 1.014     | -0.03     | 2.812 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 65.8 | 169        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 12  | 5    | 55     | 12     | 0.981     | -0.026    | 2.812 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 64.9 | 169        | 167        | 0          | 30     | 30     |
| 2009 | 6     | 12  | 6    | 10     | 12     | 0.994     | -0.007    | 2.812 | 0.01      | 0.007     | 0         | 60.6 | 59.8 | 64.5 | 170        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 12  | 6    | 25     | 12     | 0.978     | -0.033    | 2.808 | 0.01      | 0.007     | 0         | 61.1 | 59.8 | 63.2 | 171        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 12  | 6    | 40     | 12     | 0.968     | -0.052    | 2.805 | 0.013     | 0.01      | 0         | 60.2 | 59.8 | 63.2 | 170        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 12  | 6    | 55     | 12     | 0.981     | -0.013    | 2.802 | 0.01      | 0.007     | 0         | 60.2 | 59.8 | 63.2 | 170        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 12  | 7    | 10     | 12     | 0.978     | -0.03     | 2.795 | 0.01      | 0.007     | 0         | 60.6 | 59.8 | 63.2 | 170        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 7    | 25     | 12     | 1.02      | -0.033    | 2.792 | 0.01      | 0.007     | 0         | 60.2 | 59.3 | 62.8 | 169        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 7    | 40     | 12     | 0.994     | -0.023    | 2.792 | 0.01      | 0.007     | 0         | 60.2 | 59.3 | 64.1 | 169        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 7    | 55     | 12     | 1.027     | -0.036    | 2.792 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 64.5 | 168        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 8    | 10     | 12     | 1.01      | -0.039    | 2.789 | 0.01      | 0.007     | 0         | 60.2 | 59.3 | 65.4 | 169        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 8    | 25     | 12     | 0.997     | 0         | 2.789 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 65.8 | 168        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 8    | 40     | 12     | 0.994     | -0.046    | 2.785 | 0.01      | 0.007     | 0         | 60.2 | 58.9 | 66.2 | 169        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 8    | 55     | 12     | 0.974     | -0.036    | 2.785 | 0.01      | 0.007     | 0         | 60.2 | 59.3 | 65.8 | 169        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 9    | 10     | 12     | 1.017     | -0.062    | 2.785 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 65.8 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 9    | 25     | 12     | 0.974     | -0.046    | 2.785 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 64.1 | 169        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 12  | 9    | 40     | 12     | 0.942     | -0.026    | 2.782 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 64.9 | 169        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 12  | 9    | 55     | 12     | 1.024     | -0.069    | 2.782 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 59.3 | 167        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 12  | 10   | 10     | 12     | 1.001     | -0.046    | 2.782 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 62.4 | 167        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 10   | 25     | 12     | 1.007     | -0.02     | 2.779 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 52.9 | 167        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 10   | 40     | 12     | 1.03      | -0.03     | 2.776 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 48.2 | 167        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 12  | 10   | 55     | 12     | 0.991     | -0.03     | 2.772 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 46   | 167        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 12  | 11   | 10     | 12     | 0.988     | -0.043    | 2.769 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 43.9 | 167        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 11   | 25     | 12     | 1.037     | -0.023    | 2.766 | 0.01      | 0.007     | 0         | 58.9 | 58   | 43   | 166        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 11   | 40     | 12     | 1.07      | -0.033    | 2.766 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 40.9 | 167        | 165        | 0          | 30     | 28     |
| 2009 | 6     | 12  | 11   | 55     | 12     | 1.024     | -0.046    | 2.759 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 44.7 | 167        | 165        | 0          | 29     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 12  | 12   | 10     | 12     | 1.007     | -0.062    | 2.759 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 41.3 | 166        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 12  | 12   | 25     | 12     | 0.994     | -0.039    | 2.756 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 52.9 | 167        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 12   | 40     | 12     | 0.942     | -0.03     | 2.753 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 50.3 | 167        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 12  | 12   | 55     | 12     | 1.001     | -0.039    | 2.753 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 41.7 | 167        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 13   | 10     | 12     | 1.043     | -0.036    | 2.753 | 0.01      | 0.007     | 0         | 58.9 | 58   | 46.9 | 166        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 13   | 25     | 12     | 1.001     | -0.03     | 2.749 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 46   | 167        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 12  | 13   | 40     | 12     | 0.991     | -0.013    | 2.749 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 42.6 | 167        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 13   | 55     | 12     | 1.007     | -0.03     | 2.746 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 43.4 | 168        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 14   | 10     | 12     | 1.03      | -0.043    | 2.743 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 43.9 | 167        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 14   | 25     | 12     | 0.988     | -0.023    | 2.743 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 43.4 | 168        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 14   | 40     | 12     | 0.978     | -0.026    | 2.74  | 0.01      | 0.007     | 0         | 60.2 | 59.3 | 46.4 | 169        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 12  | 14   | 55     | 12     | 1.02      | -0.043    | 2.733 | 0.01      | 0.007     | 0         | 60.2 | 59.3 | 41.7 | 169        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 12  | 15   | 10     | 12     | 0.981     | -0.016    | 2.733 | 0.01      | 0.007     | 0         | 60.2 | 59.3 | 42.1 | 168        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 12  | 15   | 25     | 12     | 0.997     | -0.016    | 2.73  | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 43.4 | 168        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 15   | 40     | 12     | 1.02      | -0.056    | 2.73  | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 41.7 | 167        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 12  | 15   | 55     | 12     | 1.007     | -0.02     | 2.726 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 43.9 | 168        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 16   | 10     | 12     | 0.978     | -0.033    | 2.723 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 43   | 168        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 16   | 25     | 12     | 1.001     | -0.026    | 2.723 | 0.01      | 0.007     | 0         | 60.2 | 59.3 | 46   | 169        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 12  | 16   | 40     | 12     | 1.004     | -0.03     | 2.72  | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 42.1 | 167        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 12  | 16   | 55     | 12     | 0.991     | -0.036    | 2.72  | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 41.7 | 167        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 12  | 17   | 10     | 12     | 1.03      | -0.039    | 2.717 | 0.01      | 0.007     | 0         | 59.3 | 58   | 38.7 | 167        | 165        | 0          | 29     | 30     |
| 2009 | 6     | 12  | 17   | 25     | 12     | 0.971     | -0.049    | 2.717 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 43.9 | 167        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 17   | 40     | 12     | 0.965     | -0.039    | 2.713 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 42.6 | 167        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 17   | 55     | 12     | 0.961     | -0.062    | 2.713 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 41.3 | 167        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 12  | 18   | 10     | 12     | 0.988     | -0.036    | 2.71  | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 43.4 | 166        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 18   | 25     | 12     | 1.004     | -0.046    | 2.71  | 0.01      | 0.007     | 0         | 58.9 | 58   | 40   | 166        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 18   | 40     | 12     | 0.984     | -0.033    | 2.703 | 0.01      | 0.007     | 0         | 58.5 | 58   | 40.4 | 166        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 12  | 18   | 55     | 12     | 0.988     | -0.033    | 2.703 | 0.01      | 0.007     | 0         | 58.9 | 58   | 43.4 | 166        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 19   | 10     | 12     | 0.981     | -0.033    | 2.7   | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 40.9 | 167        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 12  | 19   | 25     | 12     | 0.955     | -0.043    | 2.703 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 43.4 | 167        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 19   | 40     | 12     | 1.007     | -0.049    | 2.7   | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 40   | 166        | 164        | 0          | 30     | 28     |
| 2009 | 6     | 12  | 19   | 55     | 12     | 1.001     | -0.046    | 2.7   | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 40.4 | 167        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 20   | 10     | 12     | 0.981     | -0.046    | 2.7   | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 40.9 | 167        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 20   | 25     | 12     | 0.938     | -0.059    | 2.697 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 43   | 168        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 12  | 20   | 40     | 12     | 0.991     | -0.049    | 2.694 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 40.9 | 166        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 20   | 55     | 12     | 0.958     | -0.049    | 2.69  | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 38.3 | 166        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 12  | 21   | 10     | 12     | 0.978     | -0.052    | 2.687 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 40.4 | 167        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 12  | 21   | 25     | 12     | 0.955     | -0.043    | 2.69  | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 40.4 | 167        | 166        | 0          | 29     | 30     |
| 2009 | 6     | 12  | 21   | 40     | 12     | 0.994     | -0.059    | 2.684 | 0.013     | 0.01      | 0         | 58.9 | 58.5 | 39.1 | 166        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 21   | 55     | 12     | 1.007     | -0.072    | 2.684 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 41.3 | 166        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 22   | 10     | 12     | 0.981     | 0.013     | 2.68  | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 44.3 | 166        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 12  | 22   | 25     | 12     | 0.948     | -0.036    | 2.68  | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 43   | 166        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 12  | 22   | 40     | 12     | 0.984     | -0.059    | 2.68  | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 42.6 | 165        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 12  | 22   | 55     | 12     | 0.951     | -0.033    | 2.677 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 65.8 | 167        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 23   | 10     | 12     | 0.932     | -0.016    | 2.677 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 65.8 | 169        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 12  | 23   | 25     | 12     | 0.915     | -0.03     | 2.674 | 0.01      | 0.007     | 0         | 60.2 | 59.8 | 66.2 | 169        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 12  | 23   | 40     | 12     | 0.974     | -0.013    | 2.674 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 66.2 | 167        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 12  | 23   | 55     | 12     | 0.925     | -0.03     | 2.674 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 66.2 | 167        | 166        | 0          | 30     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 13  | 0    | 10     | 12     | 0.932     | -0.043    | 2.671 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 67.1 | 167        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 13  | 0    | 25     | 12     | 0.951     | -0.016    | 2.671 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 67.1 | 167        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 0    | 40     | 12     | 0.896     | -0.046    | 2.671 | 0.01      | 0.007     | 0         | 59.3 | 58   | 67.1 | 167        | 165        | 0          | 29     | 30     |
| 2009 | 6     | 13  | 0    | 55     | 12     | 0.906     | -0.026    | 2.671 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 67.5 | 167        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 1    | 10     | 12     | 0.912     | -0.036    | 2.667 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 67.5 | 167        | 166        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 1    | 25     | 12     | 0.932     | -0.043    | 2.667 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 67.5 | 168        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 13  | 1    | 40     | 12     | 0.955     | -0.036    | 2.667 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 67.1 | 167        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 1    | 55     | 12     | 0.951     | -0.049    | 2.667 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 67.9 | 167        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 2    | 10     | 12     | 0.925     | -0.023    | 2.667 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 67.5 | 168        | 166        | 0          | 30     | 28     |
| 2009 | 6     | 13  | 2    | 25     | 12     | 0.942     | -0.036    | 2.664 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 67.5 | 167        | 166        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 2    | 40     | 12     | 0.899     | -0.01     | 2.664 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 66.7 | 168        | 166        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 2    | 55     | 12     | 0.906     | -0.026    | 2.664 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 67.1 | 168        | 167        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 3    | 10     | 12     | 0.919     | -0.03     | 2.661 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 67.1 | 167        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 13  | 3    | 25     | 12     | 0.935     | -0.023    | 2.661 | 0.013     | 0.01      | 0         | 59.3 | 58.9 | 66.7 | 168        | 167        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 3    | 40     | 12     | 0.922     | -0.01     | 2.661 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 66.2 | 168        | 167        | 0          | 30     | 28     |
| 2009 | 6     | 13  | 3    | 55     | 12     | 0.942     | -0.02     | 2.661 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 66.2 | 168        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 4    | 10     | 12     | 0.906     | -0.026    | 2.657 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 65.4 | 168        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 4    | 25     | 12     | 0.909     | -0.043    | 2.657 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 65.8 | 167        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 13  | 4    | 40     | 12     | 0.919     | -0.043    | 2.657 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 65.4 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 4    | 55     | 12     | 0.909     | -0.02     | 2.657 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 64.9 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 5    | 10     | 12     | 0.932     | -0.026    | 2.654 | 0.013     | 0.01      | 0         | 59.8 | 59.8 | 64.9 | 169        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 13  | 5    | 25     | 12     | 0.915     | -0.046    | 2.654 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 64.5 | 169        | 169        | 0          | 30     | 30     |
| 2009 | 6     | 13  | 5    | 40     | 12     | 0.915     | -0.03     | 2.654 | 0.016     | 0.013     | 0         | 59.8 | 59.8 | 63.6 | 169        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 13  | 5    | 55     | 12     | 0.906     | -0.046    | 2.651 | 0.013     | 0.01      | 0         | 59.8 | 59.3 | 63.6 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 6    | 10     | 12     | 0.883     | -0.02     | 2.651 | 0.013     | 0.01      | 0         | 59.8 | 58.9 | 64.1 | 168        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 13  | 6    | 25     | 12     | 0.909     | 0         | 2.648 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 64.1 | 168        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 13  | 6    | 40     | 12     | 0.919     | -0.02     | 2.644 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 63.2 | 168        | 167        | 0          | 30     | 28     |
| 2009 | 6     | 13  | 6    | 55     | 12     | 0.912     | -0.03     | 2.644 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 63.2 | 169        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 13  | 7    | 10     | 12     | 0.928     | -0.03     | 2.641 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 63.2 | 169        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 13  | 7    | 25     | 12     | 0.928     | -0.02     | 2.641 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 63.6 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 7    | 40     | 12     | 0.922     | -0.033    | 2.638 | 0.01      | 0.007     | 0         | 60.2 | 59.8 | 63.2 | 169        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 7    | 55     | 12     | 0.925     | -0.036    | 2.635 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 63.6 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 8    | 10     | 12     | 0.932     | -0.046    | 2.635 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 64.9 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 8    | 25     | 12     | 0.932     | -0.023    | 2.635 | 0.013     | 0.01      | 0         | 59.3 | 58.9 | 64.5 | 167        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 8    | 40     | 12     | 0.883     | -0.03     | 2.631 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 64.9 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 8    | 55     | 12     | 0.883     | -0.039    | 2.631 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 64.9 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 9    | 10     | 12     | 0.915     | -0.003    | 2.631 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 65.8 | 168        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 9    | 25     | 12     | 0.909     | -0.046    | 2.631 | 0.013     | 0.01      | 0         | 58.9 | 58.9 | 66.2 | 167        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 13  | 9    | 40     | 12     | 0.922     | -0.007    | 2.631 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 66.2 | 167        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 9    | 55     | 12     | 0.915     | -0.052    | 2.628 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 66.2 | 167        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 10   | 10     | 12     | 0.935     | -0.052    | 2.628 | 0.013     | 0.01      | 0         | 58.9 | 58.9 | 66.7 | 167        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 13  | 10   | 25     | 12     | 0.886     | -0.023    | 2.628 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 67.1 | 168        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 13  | 10   | 40     | 12     | 0.932     | -0.043    | 2.628 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 66.7 | 167        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 13  | 10   | 55     | 12     | 0.879     | -0.016    | 2.628 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 66.7 | 168        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 13  | 11   | 10     | 12     | 0.883     | -0.02     | 2.628 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 67.9 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 11   | 25     | 12     | 0.938     | -0.066    | 2.625 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 55   | 167        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 13  | 11   | 40     | 12     | 0.919     | -0.03     | 2.625 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 58   | 167        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 11   | 55     | 12     | 0.925     | -0.049    | 2.621 | 0.013     | 0.01      | 0         | 59.3 | 58.9 | 45.6 | 167        | 166        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 13  | 12   | 10     | 12     | 0.922     | -0.03     | 2.621 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 50.3 | 166        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 12   | 25     | 12     | 0.912     | -0.023    | 2.621 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 53.8 | 167        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 13  | 12   | 40     | 12     | 0.922     | -0.046    | 2.621 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 64.9 | 167        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 12   | 55     | 12     | 0.906     | -0.052    | 2.618 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 58   | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 13   | 10     | 12     | 0.951     | -0.056    | 2.612 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 48.6 | 166        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 13   | 25     | 12     | 0.938     | -0.03     | 2.608 | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 48.6 | 166        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 13  | 13   | 40     | 12     | 0.955     | -0.043    | 2.608 | 0.01      | 0.007     | 0         | 58.9 | 58   | 54.2 | 166        | 165        | 0          | 29     | 30     |
| 2009 | 6     | 13  | 13   | 55     | 12     | 0.928     | -0.059    | 2.612 | 0.01      | 0.007     | 0         | 58.5 | 58   | 40.4 | 165        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 14   | 10     | 12     | 0.955     | -0.049    | 2.608 | 0.01      | 0.007     | 0         | 58.5 | 58   | 43.4 | 165        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 14   | 25     | 12     | 0.951     | -0.036    | 2.605 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 41.7 | 166        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 13  | 14   | 40     | 12     | 0.896     | -0.01     | 2.605 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 42.1 | 167        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 13  | 14   | 55     | 12     | 0.971     | -0.046    | 2.605 | 0.013     | 0.01      | 0         | 59.3 | 58.9 | 43   | 167        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 15   | 10     | 12     | 0.912     | -0.013    | 2.598 | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 42.6 | 166        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 13  | 15   | 25     | 12     | 0.928     | -0.043    | 2.595 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 41.3 | 166        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 15   | 40     | 12     | 0.915     | -0.033    | 2.598 | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 43.4 | 166        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 13  | 15   | 55     | 12     | 0.958     | -0.059    | 2.595 | 0.013     | 0.01      | 0         | 58.9 | 58   | 42.1 | 166        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 16   | 10     | 12     | 0.932     | -0.039    | 2.595 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 42.1 | 166        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 16   | 25     | 12     | 0.922     | -0.046    | 2.595 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 40   | 166        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 13  | 16   | 40     | 12     | 0.978     | -0.039    | 2.592 | 0.013     | 0.01      | 0         | 58.9 | 58.9 | 41.7 | 166        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 13  | 16   | 55     | 12     | 0.922     | -0.033    | 2.592 | 0.01      | 0.007     | 0         | 58.9 | 58   | 40.9 | 166        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 17   | 10     | 12     | 0.945     | -0.046    | 2.595 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 40   | 166        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 17   | 25     | 12     | 0.948     | -0.013    | 2.589 | 0.01      | 0.007     | 0         | 58.9 | 58   | 43   | 166        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 17   | 40     | 12     | 0.932     | -0.046    | 2.589 | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 42.1 | 166        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 13  | 17   | 55     | 12     | 0.961     | -0.036    | 2.585 | 0.01      | 0.007     | 0         | 58.5 | 58   | 38.7 | 165        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 18   | 10     | 12     | 0.938     | -0.033    | 2.589 | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 50.7 | 165        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 13  | 18   | 25     | 12     | 0.886     | -0.059    | 2.592 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 64.5 | 167        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 18   | 40     | 12     | 0.909     | -0.02     | 2.589 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 59.8 | 166        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 13  | 18   | 55     | 12     | 0.948     | -0.036    | 2.589 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 63.6 | 166        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 13  | 19   | 10     | 12     | 0.883     | -0.007    | 2.585 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 63.2 | 166        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 19   | 25     | 12     | 0.876     | -0.01     | 2.585 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 64.5 | 166        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 13  | 19   | 40     | 12     | 0.925     | -0.013    | 2.582 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 63.2 | 166        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 19   | 55     | 12     | 0.928     | -0.013    | 2.579 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 64.1 | 166        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 20   | 10     | 12     | 0.866     | -0.023    | 2.575 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 53.3 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 20   | 25     | 12     | 0.883     | -0.016    | 2.575 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 53.3 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 20   | 40     | 12     | 0.879     | -0.023    | 2.575 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 45.6 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 20   | 55     | 12     | 0.886     | 0         | 2.572 | 0.01      | 0.007     | 0         | 60.6 | 60.6 | 57.2 | 170        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 13  | 21   | 10     | 12     | 0.879     | 0.007     | 2.572 | 0.01      | 0.007     | 0         | 61.5 | 60.6 | 59.8 | 171        | 170        | 0          | 28     | 29     |
| 2009 | 6     | 13  | 21   | 25     | 12     | 0.892     | 0.003     | 2.572 | 0.01      | 0.007     | 0         | 61.1 | 60.6 | 63.2 | 171        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 21   | 40     | 12     | 0.883     | -0.013    | 2.569 | 0.01      | 0.007     | 0         | 60.2 | 60.2 | 62.8 | 170        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 13  | 21   | 55     | 12     | 0.889     | -0.016    | 2.569 | 0.01      | 0.007     | 0         | 60.6 | 60.6 | 62.4 | 170        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 13  | 22   | 10     | 12     | 0.86      | 0         | 2.569 | 0.013     | 0.01      | 0         | 60.2 | 59.8 | 62.4 | 169        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 22   | 25     | 12     | 0.889     | -0.023    | 2.569 | 0.013     | 0.01      | 0         | 60.2 | 59.8 | 63.2 | 169        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 22   | 40     | 12     | 0.886     | -0.02     | 2.566 | 0.01      | 0.007     | 0         | 60.2 | 59.8 | 63.6 | 169        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 22   | 55     | 12     | 0.896     | 0.013     | 2.566 | 0.01      | 0.007     | 0         | 60.2 | 59.8 | 63.6 | 169        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 23   | 10     | 12     | 0.863     | -0.003    | 2.566 | 0.01      | 0.007     | 0         | 60.2 | 60.2 | 63.2 | 170        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 13  | 23   | 25     | 12     | 0.883     | -0.016    | 2.566 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 63.6 | 169        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 13  | 23   | 40     | 12     | 0.906     | -0.046    | 2.566 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 64.1 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 13  | 23   | 55     | 12     | 0.846     | -0.003    | 2.562 | 0.01      | 0.007     | 0         | 60.2 | 59.8 | 64.1 | 169        | 168        | 0          | 29     | 29     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 14  | 0    | 10     | 12     | 0.869     | -0.016    | 2.562 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 62.8 | 168        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 14  | 0    | 25     | 12     | 0.902     | -0.003    | 2.562 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 64.9 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 0    | 40     | 12     | 0.869     | -0.016    | 2.562 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 64.9 | 168        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 0    | 55     | 12     | 0.886     | -0.023    | 2.562 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 65.4 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 1    | 10     | 12     | 0.869     | -0.016    | 2.562 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 64.5 | 168        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 14  | 1    | 25     | 12     | 0.889     | -0.02     | 2.559 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 64.1 | 167        | 167        | 0          | 30     | 28     |
| 2009 | 6     | 14  | 1    | 40     | 12     | 0.902     | -0.016    | 2.559 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 64.5 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 1    | 55     | 12     | 0.866     | -0.01     | 2.559 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 63.6 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 2    | 10     | 12     | 0.892     | -0.033    | 2.559 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 65.4 | 167        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 14  | 2    | 25     | 12     | 0.883     | -0.003    | 2.559 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 65.8 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 2    | 40     | 12     | 0.886     | -0.013    | 2.559 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 65.8 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 2    | 55     | 12     | 0.873     | -0.003    | 2.559 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 65.8 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 3    | 10     | 12     | 0.892     | -0.016    | 2.559 | 0.013     | 0.01      | 0         | 59.3 | 59.3 | 65.8 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 3    | 25     | 12     | 0.902     | -0.03     | 2.556 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 65.8 | 167        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 3    | 40     | 12     | 0.86      | 0         | 2.556 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 65.4 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 3    | 55     | 12     | 0.892     | -0.023    | 2.556 | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 65.8 | 167        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 14  | 4    | 10     | 12     | 0.873     | -0.016    | 2.556 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 65.4 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 4    | 25     | 12     | 0.892     | -0.01     | 2.556 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 65.4 | 166        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 14  | 4    | 40     | 12     | 0.879     | -0.03     | 2.556 | 0.013     | 0.01      | 0         | 58.9 | 58.9 | 65.4 | 167        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 14  | 4    | 55     | 12     | 0.896     | -0.016    | 2.556 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 65.8 | 166        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 5    | 10     | 12     | 0.899     | -0.036    | 2.556 | 0.013     | 0.01      | 0         | 59.8 | 58.9 | 65.8 | 167        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 14  | 5    | 25     | 12     | 0.909     | -0.043    | 2.556 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 65.4 | 167        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 5    | 40     | 12     | 0.909     | -0.059    | 2.552 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 65.8 | 167        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 5    | 55     | 12     | 0.879     | -0.059    | 2.552 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 65.4 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 6    | 10     | 12     | 0.879     | -0.056    | 2.552 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 65.4 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 6    | 25     | 12     | 0.866     | -0.043    | 2.552 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 65.8 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 6    | 40     | 12     | 0.843     | -0.03     | 2.552 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 64.9 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 6    | 55     | 12     | 0.879     | -0.023    | 2.552 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 64.1 | 168        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 14  | 7    | 10     | 12     | 0.863     | -0.056    | 2.552 | 0.013     | 0.01      | 0         | 59.3 | 59.3 | 64.1 | 168        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 14  | 7    | 25     | 12     | 0.873     | -0.046    | 2.552 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 64.5 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 7    | 40     | 12     | 0.86      | -0.043    | 2.552 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 64.9 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 7    | 55     | 12     | 0.846     | -0.039    | 2.552 | 0.013     | 0.01      | 0         | 60.2 | 59.3 | 64.5 | 169        | 168        | 0          | 29     | 30     |
| 2009 | 6     | 14  | 8    | 10     | 12     | 0.886     | -0.026    | 2.552 | 0.013     | 0.01      | 0         | 59.8 | 59.8 | 64.9 | 168        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 8    | 25     | 12     | 0.86      | -0.059    | 2.549 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 64.9 | 168        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 14  | 8    | 40     | 12     | 0.853     | -0.016    | 2.552 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 64.5 | 169        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 14  | 8    | 55     | 12     | 0.902     | -0.036    | 2.552 | 0.013     | 0.01      | 0         | 58.9 | 59.3 | 65.8 | 167        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 14  | 9    | 10     | 12     | 0.909     | -0.079    | 2.549 | 0.013     | 0.01      | 0         | 58.9 | 58.9 | 66.2 | 167        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 14  | 9    | 25     | 12     | 0.863     | -0.056    | 2.549 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 66.7 | 167        | 167        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 9    | 40     | 12     | 0.85      | -0.036    | 2.549 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 66.2 | 167        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 14  | 9    | 55     | 12     | 0.889     | -0.039    | 2.549 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 66.2 | 167        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 14  | 10   | 10     | 12     | 0.84      | -0.03     | 2.549 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 66.2 | 168        | 168        | 0          | 30     | 30     |
| 2009 | 6     | 14  | 10   | 25     | 12     | 0.896     | -0.03     | 2.549 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 64.5 | 168        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 14  | 10   | 40     | 12     | 0.883     | -0.026    | 2.549 | 0.013     | 0.01      | 0         | 58.9 | 58.9 | 52   | 166        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 10   | 55     | 12     | 0.892     | -0.036    | 2.546 | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 41.7 | 166        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 14  | 11   | 10     | 12     | 0.928     | -0.056    | 2.546 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 42.6 | 166        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 14  | 11   | 25     | 12     | 0.909     | -0.043    | 2.549 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 42.1 | 166        | 166        | 0          | 29     | 30     |
| 2009 | 6     | 14  | 11   | 40     | 12     | 0.909     | -0.062    | 2.546 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 44.7 | 166        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 11   | 55     | 12     | 0.928     | -0.072    | 2.546 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 53.3 | 166        | 166        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 14  | 12   | 10     | 12     | 0.896     | -0.026    | 2.546 | 0.013     | 0.01      | 0         | 59.3 | 59.8 | 47.7 | 168        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 14  | 12   | 25     | 12     | 0.869     | -0.016    | 2.549 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 56.8 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 12   | 40     | 12     | 0.906     | -0.059    | 2.543 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 43.4 | 166        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 14  | 12   | 55     | 12     | 0.892     | -0.046    | 2.539 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 42.1 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 13   | 10     | 12     | 0.889     | -0.03     | 2.543 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 49.9 | 166        | 166        | 0          | 29     | 30     |
| 2009 | 6     | 14  | 13   | 25     | 12     | 0.906     | -0.026    | 2.543 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 49.9 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 13   | 40     | 12     | 0.886     | -0.036    | 2.539 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 63.2 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 13   | 55     | 12     | 0.922     | -0.03     | 2.536 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 43   | 166        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 14   | 10     | 12     | 0.892     | -0.046    | 2.536 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 48.2 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 14   | 25     | 12     | 0.879     | -0.026    | 2.533 | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 63.2 | 166        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 14   | 40     | 12     | 0.909     | -0.043    | 2.536 | 0.01      | 0.007     | 0         | 58   | 58.9 | 39.6 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 14   | 55     | 12     | 0.896     | -0.046    | 2.533 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 42.6 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 15   | 10     | 12     | 0.942     | -0.033    | 2.53  | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 38.7 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 15   | 25     | 12     | 0.961     | -0.039    | 2.53  | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 40.4 | 165        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 14  | 15   | 40     | 12     | 0.889     | -0.023    | 2.53  | 0.013     | 0.01      | 0         | 58.5 | 59.3 | 42.1 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 15   | 55     | 12     | 0.876     | -0.036    | 2.53  | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 48.2 | 165        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 14  | 16   | 10     | 12     | 0.932     | -0.049    | 2.53  | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 43.9 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 16   | 25     | 12     | 0.915     | -0.036    | 2.526 | 0.01      | 0.007     | 0         | 58.9 | 60.2 | 49   | 166        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 14  | 16   | 40     | 12     | 0.879     | 0         | 2.526 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 53.8 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 16   | 55     | 12     | 0.935     | -0.059    | 2.526 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 46.4 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 17   | 10     | 12     | 0.889     | -0.036    | 2.526 | 0.01      | 0.007     | 0         | 58.9 | 60.6 | 42.1 | 166        | 168        | 0          | 29     | 27     |
| 2009 | 6     | 14  | 17   | 25     | 12     | 0.912     | -0.046    | 2.526 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 48.2 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 17   | 40     | 12     | 0.869     | 0.007     | 2.526 | 0.013     | 0.01      | 0         | 58.9 | 59.8 | 52   | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 17   | 55     | 12     | 0.922     | -0.01     | 2.523 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 43.9 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 18   | 10     | 12     | 0.919     | -0.039    | 2.523 | 0.01      | 0.007     | 0         | 58   | 59.3 | 43.9 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 14  | 18   | 25     | 12     | 0.935     | -0.046    | 2.52  | 0.01      | 0.007     | 0         | 58   | 58.9 | 42.6 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 18   | 40     | 12     | 0.889     | -0.046    | 2.523 | 0.01      | 0.007     | 0         | 58   | 58.9 | 40   | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 18   | 55     | 12     | 0.889     | -0.023    | 2.523 | 0.01      | 0.007     | 0         | 58   | 58.9 | 61.9 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 19   | 10     | 12     | 0.85      | -0.043    | 2.523 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 66.7 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 19   | 25     | 12     | 0.886     | -0.03     | 2.523 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 67.1 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 19   | 40     | 12     | 0.883     | -0.043    | 2.523 | 0.01      | 0.007     | 0         | 58   | 59.3 | 67.5 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 14  | 19   | 55     | 12     | 0.883     | -0.02     | 2.523 | 0.01      | 0.007     | 0         | 58.5 | 59.8 | 67.9 | 165        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 20   | 10     | 12     | 0.873     | -0.026    | 2.523 | 0.013     | 0.01      | 0         | 58.5 | 59.3 | 67.5 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 20   | 25     | 12     | 0.886     | -0.043    | 2.523 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 66.7 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 20   | 40     | 12     | 0.876     | -0.02     | 2.52  | 0.01      | 0.007     | 0         | 58.9 | 60.2 | 56.8 | 166        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 14  | 20   | 55     | 12     | 0.909     | -0.033    | 2.52  | 0.01      | 0.007     | 0         | 58.5 | 60.2 | 43   | 165        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 14  | 21   | 10     | 12     | 0.909     | -0.043    | 2.52  | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 44.7 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 21   | 25     | 12     | 0.899     | -0.056    | 2.516 | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 43.4 | 166        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 14  | 21   | 40     | 12     | 0.899     | -0.026    | 2.516 | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 46   | 166        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 21   | 55     | 12     | 0.879     | -0.056    | 2.52  | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 66.2 | 166        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 14  | 22   | 10     | 12     | 0.899     | -0.033    | 2.52  | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 67.5 | 166        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 14  | 22   | 25     | 12     | 0.883     | -0.033    | 2.52  | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 67.1 | 166        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 14  | 22   | 40     | 12     | 0.85      | -0.049    | 2.516 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 66.7 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 22   | 55     | 12     | 0.869     | 0         | 2.516 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 66.7 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 23   | 10     | 12     | 0.846     | -0.049    | 2.516 | 0.01      | 0.007     | 0         | 59.8 | 60.2 | 67.1 | 168        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 14  | 23   | 25     | 12     | 0.876     | -0.046    | 2.516 | 0.016     | 0.013     | 0         | 58.9 | 59.8 | 67.1 | 166        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 14  | 23   | 40     | 12     | 0.886     | -0.036    | 2.513 | 0.013     | 0.01      | 0         | 58.9 | 59.3 | 45.6 | 166        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 14  | 23   | 55     | 12     | 0.902     | -0.036    | 2.51  | 0.01      | 0.007     | 0         | 58.5 | 59.8 | 43.9 | 166        | 167        | 0          | 30     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 15  | 0    | 10     | 12     | 0.866     | -0.046    | 2.513 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 60.2 | 166        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 0    | 25     | 12     | 0.873     | -0.026    | 2.513 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 67.1 | 166        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 15  | 0    | 40     | 12     | 0.869     | -0.01     | 2.513 | 0.013     | 0.01      | 0         | 58.9 | 59.8 | 66.7 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 0    | 55     | 12     | 0.856     | -0.023    | 2.513 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 67.1 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 1    | 10     | 12     | 0.883     | -0.03     | 2.513 | 0.013     | 0.01      | 0         | 58.9 | 59.3 | 66.7 | 166        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 1    | 25     | 12     | 0.866     | -0.039    | 2.513 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 66.2 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 1    | 40     | 12     | 0.876     | -0.013    | 2.513 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 66.7 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 1    | 55     | 12     | 0.873     | -0.01     | 2.513 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 66.2 | 166        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 15  | 2    | 10     | 12     | 0.869     | -0.03     | 2.513 | 0.013     | 0.01      | 0         | 58.9 | 59.8 | 67.1 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 2    | 25     | 12     | 0.886     | -0.043    | 2.513 | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 67.1 | 166        | 168        | 0          | 29     | 30     |
| 2009 | 6     | 15  | 2    | 40     | 12     | 0.866     | 0         | 2.513 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 66.7 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 2    | 55     | 12     | 0.896     | -0.026    | 2.51  | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 66.7 | 166        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 3    | 10     | 12     | 0.843     | -0.033    | 2.513 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 67.1 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 3    | 25     | 12     | 0.892     | -0.049    | 2.513 | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 67.1 | 166        | 168        | 0          | 29     | 30     |
| 2009 | 6     | 15  | 3    | 40     | 12     | 0.843     | -0.013    | 2.51  | 0.01      | 0.007     | 0         | 58.9 | 60.2 | 66.7 | 166        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 15  | 3    | 55     | 12     | 0.85      | -0.036    | 2.513 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 67.5 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 4    | 10     | 12     | 0.896     | -0.033    | 2.51  | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 67.1 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 4    | 25     | 12     | 0.85      | -0.026    | 2.51  | 0.01      | 0.007     | 0         | 58.5 | 59.8 | 67.5 | 166        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 4    | 40     | 12     | 0.856     | -0.03     | 2.51  | 0.016     | 0.013     | 0         | 58   | 59.3 | 67.1 | 165        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 4    | 55     | 12     | 0.866     | -0.003    | 2.51  | 0.013     | 0.01      | 0         | 58.9 | 59.8 | 67.1 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 5    | 10     | 12     | 0.876     | -0.039    | 2.51  | 0.013     | 0.01      | 0         | 58.9 | 59.8 | 66.7 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 5    | 25     | 12     | 0.863     | 0         | 2.51  | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 67.1 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 5    | 40     | 12     | 0.837     | -0.046    | 2.51  | 0.01      | 0.007     | 0         | 58.9 | 60.6 | 66.7 | 167        | 170        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 5    | 55     | 12     | 0.899     | -0.036    | 2.51  | 0.013     | 0.01      | 0         | 58.5 | 59.8 | 66.2 | 166        | 169        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 6    | 10     | 12     | 0.879     | 0         | 2.51  | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 67.1 | 167        | 169        | 0          | 30     | 30     |
| 2009 | 6     | 15  | 6    | 25     | 12     | 0.876     | -0.036    | 2.51  | 0.01      | 0.007     | 0         | 59.3 | 60.6 | 66.2 | 168        | 170        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 6    | 40     | 12     | 0.876     | -0.036    | 2.51  | 0.01      | 0.007     | 0         | 58.9 | 60.2 | 66.2 | 166        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 6    | 55     | 12     | 0.856     | -0.046    | 2.51  | 0.01      | 0.007     | 0         | 58.9 | 60.2 | 65.8 | 167        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 7    | 10     | 12     | 0.837     | -0.016    | 2.51  | 0.01      | 0.007     | 0         | 58.9 | 60.2 | 65.8 | 167        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 7    | 25     | 12     | 0.856     | -0.013    | 2.51  | 0.013     | 0.01      | 0         | 58.9 | 60.2 | 65.4 | 167        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 7    | 40     | 12     | 0.866     | -0.023    | 2.513 | 0.01      | 0.007     | 0         | 60.2 | 61.5 | 65.4 | 169        | 171        | 0          | 29     | 28     |
| 2009 | 6     | 15  | 7    | 55     | 12     | 0.856     | -0.039    | 2.513 | 0.01      | 0.007     | 0         | 60.2 | 61.1 | 66.2 | 169        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 8    | 10     | 12     | 0.853     | -0.046    | 2.513 | 0.01      | 0.007     | 0         | 59.3 | 60.6 | 65.8 | 167        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 8    | 25     | 12     | 0.869     | -0.03     | 2.513 | 0.01      | 0.007     | 0         | 58.5 | 60.2 | 65.8 | 166        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 8    | 40     | 12     | 0.856     | -0.03     | 2.513 | 0.013     | 0.01      | 0         | 58.9 | 60.2 | 65.8 | 166        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 8    | 55     | 12     | 0.889     | -0.039    | 2.513 | 0.01      | 0.007     | 0         | 58   | 59.8 | 65.8 | 165        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 9    | 10     | 12     | 0.879     | -0.056    | 2.513 | 0.016     | 0.013     | 0         | 58   | 59.8 | 66.2 | 165        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 9    | 25     | 12     | 0.879     | -0.056    | 2.513 | 0.01      | 0.007     | 0         | 58   | 59.8 | 66.2 | 165        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 9    | 40     | 12     | 0.869     | -0.046    | 2.513 | 0.01      | 0.007     | 0         | 58   | 59.3 | 50.3 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 9    | 55     | 12     | 0.902     | -0.046    | 2.513 | 0.013     | 0.01      | 0         | 58   | 59.3 | 49.5 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 10   | 10     | 12     | 0.906     | -0.046    | 2.513 | 0.01      | 0.007     | 0         | 58   | 59.3 | 67.1 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 10   | 25     | 12     | 0.892     | -0.01     | 2.513 | 0.01      | 0.007     | 0         | 58   | 59.3 | 64.9 | 165        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 10   | 40     | 12     | 0.876     | -0.033    | 2.513 | 0.01      | 0.007     | 0         | 58   | 59.3 | 66.2 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 10   | 55     | 12     | 0.892     | -0.026    | 2.513 | 0.01      | 0.007     | 0         | 58   | 59.3 | 49.9 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 11   | 10     | 12     | 0.866     | -0.016    | 2.513 | 0.01      | 0.007     | 0         | 58   | 59.8 | 67.1 | 165        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 11   | 25     | 12     | 0.896     | -0.062    | 2.513 | 0.01      | 0.007     | 0         | 58.5 | 59.8 | 49.9 | 165        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 11   | 40     | 12     | 0.912     | -0.062    | 2.513 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 40   | 164        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 11   | 55     | 12     | 0.912     | -0.046    | 2.513 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 39.1 | 165        | 167        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 15  | 12   | 10     | 12     | 0.909     | -0.039    | 2.513 | 0.01      | 0.007     | 0         | 58   | 59.8 | 40   | 164        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 15  | 12   | 25     | 12     | 0.869     | -0.033    | 2.513 | 0.01      | 0.007     | 0         | 58.5 | 59.8 | 40.9 | 165        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 12   | 40     | 12     | 0.909     | -0.033    | 2.51  | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 38.3 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 12   | 55     | 12     | 0.925     | -0.062    | 2.513 | 0.013     | 0.01      | 0         | 58.5 | 59.3 | 40   | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 13   | 10     | 12     | 0.919     | -0.016    | 2.51  | 0.01      | 0.007     | 0         | 58   | 59.3 | 40   | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 13   | 25     | 12     | 0.896     | -0.026    | 2.513 | 0.01      | 0.007     | 0         | 58   | 59.3 | 44.7 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 13   | 40     | 12     | 0.906     | -0.062    | 2.51  | 0.013     | 0.01      | 0         | 58   | 59.3 | 40.9 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 13   | 55     | 12     | 0.922     | -0.046    | 2.51  | 0.01      | 0.007     | 0         | 58   | 59.3 | 41.7 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 14   | 10     | 12     | 0.889     | -0.016    | 2.51  | 0.013     | 0.01      | 0         | 58.5 | 59.3 | 42.6 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 14   | 25     | 12     | 0.922     | -0.033    | 2.507 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 37   | 164        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 14   | 40     | 12     | 0.896     | -0.033    | 2.507 | 0.01      | 0.007     | 0         | 58   | 59.3 | 38.7 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 15  | 14   | 55     | 12     | 0.899     | -0.007    | 2.51  | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 39.1 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 15   | 10     | 12     | 0.889     | -0.049    | 2.507 | 0.01      | 0.007     | 0         | 58   | 58.9 | 39.1 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 15   | 25     | 12     | 0.866     | -0.033    | 2.507 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 43   | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 15   | 40     | 12     | 0.86      | -0.062    | 2.503 | 0.013     | 0.01      | 0         | 59.3 | 59.8 | 42.6 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 15   | 55     | 12     | 0.86      | -0.033    | 2.503 | 0.013     | 0.01      | 0         | 58.5 | 59.3 | 43.9 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 16   | 10     | 12     | 0.876     | -0.052    | 2.5   | 0.013     | 0.01      | 0         | 58.5 | 59.8 | 44.3 | 165        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 15  | 16   | 25     | 12     | 0.902     | -0.016    | 2.5   | 0.01      | 0.007     | 0         | 58   | 58.9 | 41.7 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 16   | 40     | 12     | 0.886     | -0.046    | 2.503 | 0.01      | 0.007     | 0         | 58.5 | 59.8 | 40.4 | 165        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 15  | 16   | 55     | 12     | 0.919     | -0.039    | 2.503 | 0.013     | 0.01      | 0         | 58   | 58.9 | 42.6 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 17   | 10     | 12     | 0.886     | -0.026    | 2.497 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 44.7 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 17   | 25     | 12     | 0.902     | -0.02     | 2.5   | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 40.9 | 164        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 17   | 40     | 12     | 0.909     | -0.036    | 2.493 | 0.01      | 0.007     | 0         | 58   | 59.3 | 41.3 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 15  | 17   | 55     | 12     | 0.902     | -0.052    | 2.493 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 41.3 | 163        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 15  | 18   | 10     | 12     | 0.899     | -0.026    | 2.497 | 0.01      | 0.007     | 0         | 58   | 59.3 | 42.6 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 15  | 18   | 25     | 12     | 0.902     | -0.02     | 2.497 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 38.7 | 163        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 15  | 18   | 40     | 12     | 0.902     | -0.069    | 2.497 | 0.01      | 0.007     | 0         | 58   | 59.3 | 40   | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 15  | 18   | 55     | 12     | 0.906     | -0.072    | 2.497 | 0.01      | 0.007     | 0         | 58   | 59.3 | 40.9 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 15  | 19   | 10     | 12     | 0.886     | -0.056    | 2.493 | 0.013     | 0.01      | 0         | 58   | 58.9 | 40.9 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 19   | 25     | 12     | 0.909     | -0.052    | 2.493 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 42.1 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 15  | 19   | 40     | 12     | 0.906     | -0.039    | 2.493 | 0.013     | 0.01      | 0         | 58   | 58.9 | 41.7 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 19   | 55     | 12     | 0.912     | -0.03     | 2.493 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 40.4 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 20   | 10     | 12     | 0.896     | -0.049    | 2.49  | 0.01      | 0.007     | 0         | 58   | 59.3 | 40.9 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 15  | 20   | 25     | 12     | 0.896     | -0.043    | 2.49  | 0.01      | 0.007     | 0         | 58   | 59.3 | 64.5 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 15  | 20   | 40     | 12     | 0.827     | -0.043    | 2.49  | 0.01      | 0.007     | 0         | 58   | 59.3 | 49   | 165        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 20   | 55     | 12     | 0.837     | -0.02     | 2.49  | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 50.3 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 21   | 10     | 12     | 0.843     | -0.036    | 2.49  | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 52   | 166        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 15  | 21   | 25     | 12     | 0.837     | -0.033    | 2.49  | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 58   | 168        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 21   | 40     | 12     | 0.873     | -0.016    | 2.49  | 0.013     | 0.01      | 0         | 61.1 | 61.1 | 57.2 | 171        | 170        | 0          | 29     | 28     |
| 2009 | 6     | 15  | 21   | 55     | 12     | 0.846     | -0.026    | 2.487 | 0.01      | 0.007     | 0         | 60.2 | 59.8 | 51.6 | 169        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 22   | 10     | 12     | 0.86      | -0.02     | 2.487 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 54.6 | 168        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 15  | 22   | 25     | 12     | 0.843     | -0.003    | 2.487 | 0.013     | 0.01      | 0         | 59.3 | 59.8 | 53.8 | 168        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 15  | 22   | 40     | 12     | 0.86      | -0.072    | 2.487 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 52.9 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 22   | 55     | 12     | 0.853     | -0.026    | 2.487 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 58.5 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 23   | 10     | 12     | 0.86      | -0.026    | 2.487 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 57.6 | 168        | 167        | 0          | 30     | 28     |
| 2009 | 6     | 15  | 23   | 25     | 12     | 0.856     | 0         | 2.484 | 0.01      | 0.007     | 0         | 60.2 | 59.8 | 56.3 | 169        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 23   | 40     | 12     | 0.833     | -0.062    | 2.484 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 55   | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 15  | 23   | 55     | 12     | 0.856     | -0.046    | 2.484 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 53.3 | 168        | 167        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 16  | 0    | 10     | 12     | 0.85      | -0.039    | 2.484 | 0.01      | 0.007     | 0         | 60.2 | 59.8 | 58.5 | 169        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 0    | 25     | 12     | 0.863     | -0.046    | 2.484 | 0.013     | 0.01      | 0         | 59.8 | 59.3 | 60.2 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 0    | 40     | 12     | 0.856     | -0.013    | 2.484 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 56.8 | 168        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 16  | 0    | 55     | 12     | 0.856     | -0.03     | 2.484 | 0.01      | 0.007     | 0         | 60.2 | 59.8 | 56.8 | 169        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 1    | 10     | 12     | 0.866     | -0.033    | 2.484 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 59.3 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 1    | 25     | 12     | 0.853     | 0.007     | 2.484 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 64.5 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 1    | 40     | 12     | 0.869     | -0.03     | 2.484 | 0.013     | 0.01      | 0         | 59.8 | 59.8 | 60.6 | 168        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 1    | 55     | 12     | 0.833     | -0.023    | 2.484 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 54.6 | 168        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 2    | 10     | 12     | 0.85      | 0         | 2.48  | 0.01      | 0.007     | 0         | 60.2 | 60.2 | 54.2 | 169        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 16  | 2    | 25     | 12     | 0.84      | -0.003    | 2.484 | 0.01      | 0.007     | 0         | 60.2 | 60.2 | 56.8 | 169        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 16  | 2    | 40     | 12     | 0.866     | -0.03     | 2.484 | 0.01      | 0.007     | 0         | 60.2 | 60.6 | 55   | 169        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 16  | 2    | 55     | 12     | 0.827     | -0.049    | 2.48  | 0.01      | 0.007     | 0         | 60.2 | 60.2 | 55   | 169        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 3    | 10     | 12     | 0.833     | -0.026    | 2.48  | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 57.6 | 169        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 16  | 3    | 25     | 12     | 0.86      | -0.049    | 2.48  | 0.01      | 0.007     | 0         | 60.2 | 60.2 | 53.3 | 169        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 3    | 40     | 12     | 0.86      | -0.046    | 2.48  | 0.013     | 0.01      | 0         | 60.6 | 60.2 | 58   | 170        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 3    | 55     | 12     | 0.833     | -0.02     | 2.48  | 0.016     | 0.013     | 0         | 59.8 | 60.6 | 58.5 | 169        | 169        | 0          | 30     | 28     |
| 2009 | 6     | 16  | 4    | 10     | 12     | 0.843     | -0.023    | 2.48  | 0.013     | 0.01      | 0         | 60.2 | 59.8 | 58.9 | 169        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 4    | 25     | 12     | 0.837     | -0.033    | 2.48  | 0.01      | 0.007     | 0         | 60.2 | 60.2 | 56.3 | 169        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 4    | 40     | 12     | 0.863     | -0.016    | 2.48  | 0.01      | 0.007     | 0         | 60.2 | 59.8 | 60.6 | 169        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 4    | 55     | 12     | 0.843     | -0.003    | 2.48  | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 63.2 | 169        | 169        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 5    | 10     | 12     | 0.886     | -0.039    | 2.48  | 0.01      | 0.007     | 0         | 59.8 | 60.2 | 54.2 | 169        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 16  | 5    | 25     | 12     | 0.84      | -0.023    | 2.48  | 0.013     | 0.01      | 0         | 60.6 | 60.6 | 56.3 | 170        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 5    | 40     | 12     | 0.863     | -0.03     | 2.48  | 0.013     | 0.01      | 0         | 61.5 | 61.5 | 61.1 | 172        | 172        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 5    | 55     | 12     | 0.853     | -0.039    | 2.48  | 0.01      | 0.007     | 0         | 61.1 | 61.1 | 61.5 | 171        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 6    | 10     | 12     | 0.827     | -0.02     | 2.48  | 0.01      | 0.007     | 0         | 60.6 | 60.6 | 61.9 | 170        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 6    | 25     | 12     | 0.846     | -0.023    | 2.48  | 0.013     | 0.01      | 0         | 60.2 | 60.2 | 60.6 | 170        | 170        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 6    | 40     | 12     | 0.84      | -0.03     | 2.48  | 0.01      | 0.007     | 0         | 60.2 | 60.6 | 60.2 | 170        | 170        | 0          | 30     | 29     |
| 2009 | 6     | 16  | 6    | 55     | 12     | 0.86      | -0.036    | 2.48  | 0.01      | 0.007     | 0         | 61.1 | 60.6 | 61.5 | 171        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 7    | 10     | 12     | 0.856     | -0.02     | 2.48  | 0.01      | 0.007     | 0         | 60.6 | 60.6 | 61.5 | 170        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 7    | 25     | 12     | 0.846     | -0.03     | 2.48  | 0.013     | 0.01      | 0         | 60.6 | 60.6 | 59.8 | 170        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 7    | 40     | 12     | 0.869     | -0.026    | 2.484 | 0.013     | 0.01      | 0         | 60.2 | 60.2 | 56.8 | 170        | 170        | 0          | 30     | 30     |
| 2009 | 6     | 16  | 7    | 55     | 12     | 0.856     | -0.039    | 2.484 | 0.01      | 0.007     | 0         | 60.6 | 60.6 | 56.3 | 170        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 8    | 10     | 12     | 0.866     | -0.02     | 2.484 | 0.013     | 0.01      | 0         | 60.2 | 61.1 | 57.6 | 170        | 170        | 0          | 30     | 28     |
| 2009 | 6     | 16  | 8    | 25     | 12     | 0.853     | -0.023    | 2.484 | 0.01      | 0.007     | 0         | 60.6 | 59.8 | 58   | 170        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 8    | 40     | 12     | 0.853     | -0.03     | 2.484 | 0.01      | 0.007     | 0         | 61.5 | 60.6 | 60.2 | 172        | 171        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 8    | 55     | 12     | 0.86      | -0.02     | 2.484 | 0.01      | 0.007     | 0         | 60.2 | 60.2 | 61.5 | 169        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 9    | 10     | 12     | 0.866     | -0.036    | 2.484 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 61.5 | 169        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 16  | 9    | 25     | 12     | 0.853     | -0.033    | 2.484 | 0.016     | 0.013     | 0         | 60.2 | 59.3 | 60.6 | 169        | 168        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 9    | 40     | 12     | 0.843     | -0.01     | 2.484 | 0.013     | 0.01      | 0         | 59.8 | 59.8 | 58.9 | 168        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 9    | 55     | 12     | 0.853     | -0.039    | 2.484 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 55   | 168        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 16  | 10   | 10     | 12     | 0.853     | -0.033    | 2.484 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 56.3 | 168        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 16  | 10   | 25     | 12     | 0.856     | -0.03     | 2.484 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 54.2 | 168        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 16  | 10   | 40     | 12     | 0.853     | -0.056    | 2.487 | 0.013     | 0.01      | 0         | 59.3 | 59.3 | 56.3 | 168        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 16  | 10   | 55     | 12     | 0.823     | -0.007    | 2.484 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 57.2 | 168        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 11   | 10     | 12     | 0.856     | -0.033    | 2.484 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 54.6 | 168        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 16  | 11   | 25     | 12     | 0.853     | -0.033    | 2.487 | 0.013     | 0.01      | 0         | 59.8 | 59.8 | 58.9 | 169        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 16  | 11   | 40     | 12     | 0.837     | -0.059    | 2.487 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 61.9 | 168        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 11   | 55     | 12     | 0.869     | -0.03     | 2.487 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 60.6 | 169        | 168        | 0          | 30     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 16  | 12   | 10     | 12     | 0.84      | -0.013    | 2.484 | 0.01      | 0.007     | 0         | 60.2 | 59.8 | 61.1 | 169        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 12   | 25     | 12     | 0.84      | -0.033    | 2.487 | 0.013     | 0.01      | 0         | 60.2 | 60.6 | 60.6 | 169        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 16  | 12   | 40     | 12     | 0.85      | -0.036    | 2.487 | 0.01      | 0.007     | 0         | 60.6 | 60.6 | 62.8 | 171        | 170        | 0          | 30     | 29     |
| 2009 | 6     | 16  | 12   | 55     | 12     | 0.827     | -0.023    | 2.484 | 0.013     | 0.01      | 0         | 61.1 | 59.8 | 63.6 | 172        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 16  | 13   | 10     | 12     | 0.863     | 0         | 2.484 | 0.01      | 0.007     | 0         | 61.9 | 59.8 | 64.1 | 173        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 13   | 25     | 12     | 0.846     | -0.03     | 2.484 | 0.01      | 0.007     | 0         | 61.1 | 59.3 | 65.4 | 171        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 13   | 40     | 12     | 0.846     | -0.03     | 2.484 | 0.01      | 0.007     | 0         | 61.9 | 59.8 | 65.4 | 173        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 13   | 55     | 12     | 0.843     | -0.023    | 2.484 | 0.01      | 0.007     | 0         | 61.9 | 60.2 | 65.4 | 173        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 14   | 10     | 12     | 0.837     | -0.01     | 2.484 | 0.01      | 0.007     | 0         | 61.9 | 60.2 | 64.5 | 173        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 14   | 25     | 12     | 0.856     | -0.013    | 2.484 | 0.013     | 0.01      | 0         | 61.5 | 59.3 | 66.2 | 172        | 168        | 0          | 29     | 30     |
| 2009 | 6     | 16  | 14   | 40     | 12     | 0.856     | -0.013    | 2.484 | 0.01      | 0.007     | 0         | 60.6 | 59.8 | 45.6 | 171        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 16  | 14   | 55     | 12     | 0.879     | -0.026    | 2.484 | 0.01      | 0.007     | 0         | 60.2 | 58.9 | 66.7 | 170        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 16  | 15   | 10     | 12     | 0.915     | -0.016    | 2.484 | 0.013     | 0.01      | 0         | 60.6 | 59.3 | 64.5 | 170        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 15   | 25     | 12     | 0.899     | -0.039    | 2.484 | 0.01      | 0.007     | 0         | 60.2 | 58.9 | 65.4 | 169        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 15   | 40     | 12     | 0.837     | -0.026    | 2.484 | 0.01      | 0.007     | 0         | 60.6 | 59.3 | 67.1 | 171        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 16  | 15   | 55     | 12     | 0.846     | -0.01     | 2.484 | 0.01      | 0.007     | 0         | 61.1 | 59.3 | 67.1 | 171        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 16   | 10     | 12     | 0.896     | -0.043    | 2.484 | 0.01      | 0.007     | 0         | 60.2 | 58.9 | 66.7 | 169        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 16   | 25     | 12     | 0.863     | 0         | 2.484 | 0.01      | 0.007     | 0         | 61.1 | 59.8 | 67.1 | 170        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 16  | 16   | 40     | 12     | 0.853     | -0.043    | 2.484 | 0.01      | 0.007     | 0         | 60.6 | 59.8 | 67.5 | 171        | 167        | 0          | 30     | 28     |
| 2009 | 6     | 16  | 16   | 55     | 12     | 0.879     | -0.046    | 2.484 | 0.01      | 0.007     | 0         | 60.6 | 59.8 | 66.2 | 170        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 16  | 17   | 10     | 12     | 0.86      | -0.036    | 2.484 | 0.01      | 0.007     | 0         | 60.2 | 58.9 | 65.8 | 169        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 17   | 25     | 12     | 0.866     | -0.02     | 2.484 | 0.013     | 0.01      | 0         | 60.2 | 59.3 | 67.5 | 169        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 16  | 17   | 40     | 12     | 0.876     | -0.036    | 2.484 | 0.01      | 0.007     | 0         | 60.6 | 59.3 | 67.1 | 170        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 17   | 55     | 12     | 0.84      | -0.033    | 2.484 | 0.01      | 0.007     | 0         | 60.2 | 59.3 | 67.9 | 169        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 16  | 18   | 10     | 12     | 0.869     | -0.026    | 2.484 | 0.01      | 0.007     | 0         | 60.2 | 58.9 | 58.9 | 169        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 18   | 25     | 12     | 0.86      | -0.043    | 2.484 | 0.013     | 0.01      | 0         | 60.2 | 58.9 | 65.8 | 169        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 18   | 40     | 12     | 0.896     | -0.066    | 2.484 | 0.01      | 0.007     | 0         | 60.2 | 59.3 | 61.1 | 170        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 16  | 18   | 55     | 12     | 0.896     | -0.033    | 2.48  | 0.013     | 0.01      | 0         | 59.8 | 59.3 | 41.3 | 169        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 16  | 19   | 10     | 12     | 0.896     | -0.072    | 2.477 | 0.016     | 0.013     | 0         | 59.3 | 58.5 | 40   | 167        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 16  | 19   | 25     | 12     | 0.889     | -0.046    | 2.48  | 0.01      | 0.007     | 0         | 59.3 | 58   | 43.9 | 167        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 19   | 40     | 12     | 0.886     | -0.046    | 2.477 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 43.9 | 167        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 19   | 55     | 12     | 0.869     | -0.036    | 2.48  | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 50.3 | 168        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 20   | 10     | 12     | 0.883     | -0.026    | 2.48  | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 63.2 | 168        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 16  | 20   | 25     | 12     | 0.906     | -0.056    | 2.477 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 42.6 | 167        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 16  | 20   | 40     | 12     | 0.879     | -0.016    | 2.48  | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 64.9 | 168        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 16  | 20   | 55     | 12     | 0.846     | -0.033    | 2.477 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 43.4 | 168        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 21   | 10     | 12     | 0.883     | -0.069    | 2.477 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 44.3 | 168        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 16  | 21   | 25     | 12     | 0.876     | -0.046    | 2.48  | 0.013     | 0.01      | 0         | 59.8 | 58.9 | 63.6 | 168        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 21   | 40     | 12     | 0.85      | -0.036    | 2.477 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 61.1 | 168        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 21   | 55     | 12     | 0.899     | -0.03     | 2.48  | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 63.6 | 168        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 22   | 10     | 12     | 0.86      | -0.046    | 2.48  | 0.013     | 0.01      | 0         | 58.9 | 58.5 | 65.4 | 167        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 16  | 22   | 25     | 12     | 0.866     | -0.03     | 2.477 | 0.013     | 0.01      | 0         | 59.8 | 58.9 | 51.6 | 168        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 22   | 40     | 12     | 0.863     | -0.03     | 2.477 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 67.5 | 167        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 16  | 22   | 55     | 12     | 0.876     | -0.043    | 2.477 | 0.013     | 0.01      | 0         | 59.8 | 58.5 | 67.5 | 168        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 23   | 10     | 12     | 0.873     | -0.033    | 2.477 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 67.9 | 167        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 23   | 25     | 12     | 0.86      | -0.033    | 2.477 | 0.013     | 0.01      | 0         | 60.2 | 58.9 | 67.1 | 169        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 23   | 40     | 12     | 0.846     | -0.046    | 2.477 | 0.01      | 0.007     | 0         | 60.2 | 58.9 | 67.5 | 169        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 16  | 23   | 55     | 12     | 0.866     | -0.016    | 2.477 | 0.013     | 0.01      | 0         | 59.8 | 59.3 | 67.1 | 168        | 166        | 0          | 29     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 17  | 0    | 10     | 12     | 0.843     | -0.023    | 2.477 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 67.5 | 168        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 0    | 25     | 12     | 0.856     | -0.046    | 2.477 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 67.5 | 168        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 17  | 0    | 40     | 12     | 0.801     | -0.023    | 2.477 | 0.01      | 0.007     | 0         | 60.2 | 59.3 | 66.7 | 169        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 0    | 55     | 12     | 0.843     | -0.026    | 2.477 | 0.013     | 0.01      | 0         | 60.2 | 59.8 | 67.1 | 169        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 17  | 1    | 10     | 12     | 0.843     | -0.023    | 2.477 | 0.01      | 0.007     | 0         | 60.2 | 59.3 | 67.1 | 169        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 1    | 25     | 12     | 0.86      | -0.049    | 2.474 | 0.01      | 0.007     | 0         | 60.6 | 59.3 | 67.5 | 170        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 1    | 40     | 12     | 0.84      | -0.033    | 2.474 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 67.5 | 168        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 17  | 1    | 55     | 12     | 0.869     | -0.043    | 2.474 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 67.5 | 168        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 17  | 2    | 10     | 12     | 0.873     | -0.039    | 2.474 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 67.5 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 2    | 25     | 12     | 0.866     | -0.03     | 2.474 | 0.013     | 0.01      | 0         | 59.8 | 58.9 | 67.5 | 168        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 2    | 40     | 12     | 0.86      | -0.016    | 2.474 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 67.5 | 169        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 17  | 2    | 55     | 12     | 0.879     | -0.036    | 2.474 | 0.013     | 0.01      | 0         | 59.8 | 59.3 | 67.5 | 169        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 17  | 3    | 10     | 12     | 0.837     | -0.046    | 2.474 | 0.013     | 0.01      | 0         | 60.2 | 59.3 | 67.1 | 169        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 3    | 25     | 12     | 0.82      | -0.016    | 2.474 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 67.5 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 3    | 40     | 12     | 0.863     | -0.026    | 2.474 | 0.013     | 0.01      | 0         | 59.3 | 58.9 | 67.1 | 168        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 17  | 3    | 55     | 12     | 0.843     | -0.056    | 2.474 | 0.013     | 0.01      | 0         | 59.8 | 59.3 | 67.9 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 4    | 10     | 12     | 0.856     | -0.02     | 2.47  | 0.013     | 0.01      | 0         | 60.2 | 59.8 | 67.1 | 169        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 4    | 25     | 12     | 0.863     | -0.043    | 2.47  | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 67.1 | 168        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 17  | 4    | 40     | 12     | 0.827     | -0.013    | 2.47  | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 67.9 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 4    | 55     | 12     | 0.856     | -0.046    | 2.47  | 0.013     | 0.01      | 0         | 59.8 | 59.8 | 67.5 | 168        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 17  | 5    | 10     | 12     | 0.83      | -0.023    | 2.47  | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 67.1 | 168        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 5    | 25     | 12     | 0.846     | -0.059    | 2.47  | 0.013     | 0.01      | 0         | 60.2 | 59.8 | 67.5 | 169        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 5    | 40     | 12     | 0.82      | -0.03     | 2.47  | 0.01      | 0.007     | 0         | 60.2 | 59.8 | 67.5 | 169        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 5    | 55     | 12     | 0.879     | -0.046    | 2.47  | 0.016     | 0.013     | 0         | 59.3 | 59.8 | 67.5 | 168        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 17  | 6    | 10     | 12     | 0.817     | -0.046    | 2.47  | 0.013     | 0.01      | 0         | 60.2 | 59.8 | 67.1 | 169        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 6    | 25     | 12     | 0.83      | -0.056    | 2.47  | 0.01      | 0.007     | 0         | 60.6 | 60.2 | 66.7 | 170        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 6    | 40     | 12     | 0.853     | -0.056    | 2.47  | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 67.1 | 169        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 17  | 6    | 55     | 12     | 0.84      | -0.023    | 2.47  | 0.01      | 0.007     | 0         | 60.2 | 59.8 | 67.5 | 169        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 7    | 10     | 12     | 0.846     | -0.007    | 2.47  | 0.013     | 0.01      | 0         | 59.8 | 59.8 | 66.7 | 169        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 17  | 7    | 25     | 12     | 0.837     | -0.039    | 2.47  | 0.01      | 0.007     | 0         | 60.2 | 59.8 | 67.1 | 169        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 7    | 40     | 12     | 0.833     | -0.036    | 2.47  | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 67.1 | 169        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 17  | 7    | 55     | 12     | 0.814     | -0.046    | 2.47  | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 67.5 | 169        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 17  | 8    | 10     | 12     | 0.899     | -0.039    | 2.47  | 0.01      | 0.007     | 0         | 60.2 | 60.2 | 67.5 | 170        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 17  | 8    | 25     | 12     | 0.876     | -0.036    | 2.467 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 67.1 | 168        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 17  | 8    | 40     | 12     | 0.85      | 0         | 2.47  | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 67.1 | 168        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 17  | 8    | 55     | 12     | 0.84      | -0.049    | 2.467 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 67.5 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 9    | 10     | 12     | 0.886     | -0.03     | 2.47  | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 67.1 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 9    | 25     | 12     | 0.85      | -0.03     | 2.467 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 67.5 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 9    | 40     | 12     | 0.84      | -0.026    | 2.467 | 0.013     | 0.01      | 0         | 58.9 | 58.9 | 67.9 | 166        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 17  | 9    | 55     | 12     | 0.84      | -0.046    | 2.467 | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 68.4 | 167        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 17  | 10   | 10     | 12     | 0.856     | -0.036    | 2.467 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 67.9 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 10   | 25     | 12     | 0.86      | -0.039    | 2.467 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 67.5 | 166        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 17  | 10   | 40     | 12     | 0.869     | -0.039    | 2.467 | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 67.9 | 166        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 17  | 10   | 55     | 12     | 0.853     | -0.039    | 2.467 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 67.5 | 166        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 17  | 11   | 10     | 12     | 0.866     | -0.043    | 2.467 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 66.7 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 11   | 25     | 12     | 0.814     | -0.02     | 2.467 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 66.2 | 167        | 167        | 0          | 29     | 30     |
| 2009 | 6     | 17  | 11   | 40     | 12     | 0.869     | -0.046    | 2.467 | 0.013     | 0.01      | 0         | 58.9 | 59.3 | 65.8 | 166        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 11   | 55     | 12     | 0.86      | -0.046    | 2.467 | 0.013     | 0.01      | 0         | 58.9 | 58.9 | 65.4 | 166        | 166        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 17  | 12   | 10     | 12     | 0.846     | -0.059    | 2.464 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 64.9 | 166        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 17  | 12   | 25     | 12     | 0.869     | -0.036    | 2.461 | 0.013     | 0.01      | 0         | 58.5 | 58.9 | 62.4 | 166        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 17  | 12   | 40     | 12     | 0.856     | -0.069    | 2.461 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 64.1 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 12   | 55     | 12     | 0.889     | -0.052    | 2.457 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 62.4 | 166        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 17  | 13   | 10     | 12     | 0.814     | -0.052    | 2.457 | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 64.9 | 166        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 17  | 13   | 25     | 12     | 0.883     | -0.039    | 2.454 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 41.7 | 165        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 17  | 13   | 40     | 12     | 0.869     | -0.036    | 2.454 | 0.01      | 0.007     | 0         | 57.2 | 58.5 | 44.7 | 162        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 17  | 13   | 55     | 12     | 0.889     | -0.023    | 2.454 | 0.01      | 0.007     | 0         | 57.2 | 58.5 | 49   | 162        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 17  | 14   | 10     | 12     | 0.876     | -0.059    | 2.454 | 0.01      | 0.007     | 0         | 57.2 | 58   | 43   | 162        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 14   | 25     | 12     | 0.883     | -0.013    | 2.457 | 0.01      | 0.007     | 0         | 56.8 | 58.5 | 39.6 | 161        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 14   | 40     | 12     | 0.873     | -0.023    | 2.454 | 0.01      | 0.007     | 0         | 67.5 | 65.8 | 37   | 186        | 182        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 14   | 55     | 12     | 0.889     | -0.046    | 2.454 | 0.01      | 0.007     | 0         | 57.6 | 62.4 | 35.3 | 163        | 174        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 15   | 10     | 12     | 0.82      | -0.039    | 2.454 | 0.013     | 0.01      | 0         | 64.9 | 65.4 | 35.3 | 180        | 180        | 0          | 29     | 28     |
| 2009 | 6     | 17  | 15   | 25     | 12     | 0.883     | -0.036    | 2.454 | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 41.7 | 166        | 165        | 0          | 30     | 29     |
| 2009 | 6     | 17  | 15   | 40     | 12     | 0.869     | -0.03     | 2.454 | 0.01      | 0.007     | 0         | 58.5 | 58   | 42.6 | 165        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 15   | 55     | 12     | 0.889     | -0.023    | 2.451 | 0.01      | 0.007     | 0         | 58   | 58   | 42.6 | 164        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 16   | 10     | 12     | 0.876     | -0.059    | 2.454 | 0.016     | 0.013     | 0         | 58   | 58   | 43.9 | 164        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 16   | 25     | 12     | 0.833     | -0.036    | 2.454 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 67.1 | 165        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 17  | 16   | 40     | 12     | 0.833     | -0.013    | 2.451 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 61.5 | 166        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 16   | 55     | 12     | 0.86      | -0.03     | 2.451 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 66.7 | 167        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 17   | 10     | 12     | 0.83      | -0.03     | 2.451 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 67.1 | 167        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 17  | 17   | 25     | 12     | 0.863     | -0.013    | 2.451 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 67.1 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 17   | 40     | 12     | 0.846     | -0.046    | 2.451 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 67.5 | 166        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 17   | 55     | 12     | 0.863     | -0.016    | 2.451 | 0.013     | 0.01      | 0         | 58.9 | 58.5 | 67.9 | 165        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 17  | 18   | 10     | 12     | 0.827     | -0.03     | 2.451 | 0.013     | 0.01      | 0         | 58.5 | 58.5 | 67.9 | 165        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 18   | 25     | 12     | 0.86      | -0.026    | 2.451 | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 67.9 | 165        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 18   | 40     | 12     | 0.853     | -0.039    | 2.451 | 0.013     | 0.01      | 0         | 58.5 | 58.5 | 67.9 | 165        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 18   | 55     | 12     | 0.817     | -0.043    | 2.451 | 0.013     | 0.01      | 0         | 58.9 | 59.3 | 67.9 | 166        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 19   | 10     | 12     | 0.873     | -0.036    | 2.451 | 0.01      | 0.007     | 0         | 58.5 | 59.8 | 67.9 | 165        | 166        | 0          | 29     | 27     |
| 2009 | 6     | 17  | 19   | 25     | 12     | 0.82      | -0.033    | 2.451 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 67.9 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 19   | 40     | 12     | 0.833     | -0.02     | 2.451 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 67.1 | 165        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 17  | 19   | 55     | 12     | 0.876     | -0.046    | 2.448 | 0.016     | 0.013     | 0         | 58   | 58.5 | 56.3 | 164        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 20   | 10     | 12     | 0.856     | -0.003    | 2.451 | 0.013     | 0.01      | 0         | 58   | 58.5 | 67.5 | 164        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 20   | 25     | 12     | 0.833     | -0.026    | 2.451 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 67.9 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 20   | 40     | 12     | 0.837     | -0.03     | 2.448 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 67.5 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 20   | 55     | 12     | 0.833     | -0.01     | 2.448 | 0.013     | 0.01      | 0         | 58.5 | 59.3 | 67.9 | 165        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 17  | 21   | 10     | 12     | 0.873     | -0.046    | 2.448 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 67.9 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 21   | 25     | 12     | 0.846     | -0.007    | 2.448 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 49.5 | 165        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 17  | 21   | 40     | 12     | 0.84      | -0.023    | 2.448 | 0.013     | 0.01      | 0         | 58.5 | 59.3 | 55.5 | 165        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 17  | 21   | 55     | 12     | 0.827     | 0.003     | 2.448 | 0.013     | 0.01      | 0         | 58.5 | 59.3 | 55.9 | 165        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 17  | 22   | 10     | 12     | 0.837     | -0.033    | 2.448 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 55.9 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 17  | 22   | 25     | 12     | 0.823     | -0.02     | 2.448 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 65.8 | 165        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 17  | 22   | 40     | 12     | 0.827     | -0.046    | 2.448 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 64.9 | 165        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 17  | 22   | 55     | 12     | 0.86      | -0.046    | 2.448 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 66.2 | 166        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 17  | 23   | 10     | 12     | 0.856     | -0.023    | 2.444 | 0.013     | 0.01      | 0         | 58.5 | 58.9 | 58.9 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 23   | 25     | 12     | 0.869     | -0.003    | 2.444 | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 62.4 | 166        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 23   | 40     | 12     | 0.863     | -0.007    | 2.444 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 58.5 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 17  | 23   | 55     | 12     | 0.833     | -0.033    | 2.444 | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 61.9 | 166        | 167        | 0          | 29     | 29     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 18  | 0    | 10     | 12     | 0.814     | -0.046    | 2.444 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 64.9 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 0    | 25     | 12     | 0.82      | -0.066    | 2.444 | 0.013     | 0.01      | 0         | 58.5 | 58.9 | 65.4 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 0    | 40     | 12     | 0.863     | -0.013    | 2.444 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 65.8 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 18  | 0    | 55     | 12     | 0.866     | -0.03     | 2.444 | 0.01      | 0.007     | 0         | 58   | 58.9 | 67.9 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 1    | 10     | 12     | 0.856     | -0.016    | 2.444 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 67.5 | 165        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 18  | 1    | 25     | 12     | 0.846     | -0.03     | 2.444 | 0.01      | 0.007     | 0         | 58   | 58.9 | 67.5 | 164        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 18  | 1    | 40     | 12     | 0.83      | -0.033    | 2.444 | 0.013     | 0.01      | 0         | 58   | 58.9 | 64.1 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 1    | 55     | 12     | 0.846     | -0.007    | 2.444 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 61.9 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 2    | 10     | 12     | 0.833     | -0.007    | 2.444 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 62.8 | 165        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 18  | 2    | 25     | 12     | 0.85      | -0.03     | 2.444 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 58.5 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 2    | 40     | 12     | 0.82      | -0.01     | 2.444 | 0.01      | 0.007     | 0         | 58   | 58.9 | 62.4 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 2    | 55     | 12     | 0.837     | -0.03     | 2.444 | 0.01      | 0.007     | 0         | 58   | 58.9 | 58.9 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 3    | 10     | 12     | 0.84      | -0.026    | 2.444 | 0.01      | 0.007     | 0         | 58   | 58.9 | 64.5 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 3    | 25     | 12     | 0.84      | -0.03     | 2.444 | 0.01      | 0.007     | 0         | 58   | 58.9 | 65.4 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 3    | 40     | 12     | 0.827     | -0.013    | 2.444 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 64.5 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 3    | 55     | 12     | 0.833     | -0.033    | 2.444 | 0.01      | 0.007     | 0         | 58   | 58.9 | 63.6 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 4    | 10     | 12     | 0.83      | -0.062    | 2.444 | 0.013     | 0.01      | 0         | 58   | 59.3 | 65.4 | 165        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 4    | 25     | 12     | 0.856     | -0.03     | 2.444 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 65.8 | 164        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 4    | 40     | 12     | 0.837     | -0.036    | 2.444 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 65.8 | 164        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 4    | 55     | 12     | 0.856     | -0.036    | 2.444 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 64.9 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 5    | 10     | 12     | 0.853     | -0.033    | 2.444 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 64.5 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 5    | 25     | 12     | 0.794     | -0.023    | 2.444 | 0.01      | 0.007     | 0         | 58.9 | 60.2 | 63.2 | 167        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 5    | 40     | 12     | 0.856     | -0.046    | 2.444 | 0.013     | 0.01      | 0         | 58.9 | 59.8 | 62.8 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 5    | 55     | 12     | 0.833     | -0.03     | 2.444 | 0.01      | 0.007     | 0         | 58.9 | 60.2 | 65.4 | 166        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 6    | 10     | 12     | 0.833     | -0.03     | 2.444 | 0.01      | 0.007     | 0         | 58.5 | 60.2 | 61.1 | 166        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 6    | 25     | 12     | 0.85      | -0.046    | 2.444 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 64.1 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 6    | 40     | 12     | 0.84      | -0.03     | 2.444 | 0.013     | 0.01      | 0         | 58.9 | 60.2 | 63.6 | 166        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 18  | 6    | 55     | 12     | 0.837     | -0.007    | 2.448 | 0.013     | 0.01      | 0         | 58.9 | 60.2 | 63.2 | 166        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 7    | 10     | 12     | 0.85      | -0.046    | 2.448 | 0.01      | 0.007     | 0         | 58.5 | 60.2 | 64.1 | 166        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 7    | 25     | 12     | 0.804     | -0.049    | 2.448 | 0.013     | 0.01      | 0         | 58.5 | 59.8 | 64.5 | 166        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 7    | 40     | 12     | 0.843     | 0         | 2.448 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 63.2 | 165        | 168        | 0          | 29     | 30     |
| 2009 | 6     | 18  | 7    | 55     | 12     | 0.83      | -0.026    | 2.448 | 0.01      | 0.007     | 0         | 58   | 59.8 | 62.8 | 165        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 8    | 10     | 12     | 0.81      | -0.049    | 2.448 | 0.01      | 0.007     | 0         | 58.5 | 59.8 | 61.9 | 165        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 8    | 25     | 12     | 0.85      | -0.01     | 2.448 | 0.01      | 0.007     | 0         | 58   | 59.8 | 58.5 | 165        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 8    | 40     | 12     | 0.833     | -0.062    | 2.451 | 0.013     | 0.01      | 0         | 58   | 59.3 | 62.8 | 165        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 8    | 55     | 12     | 0.869     | -0.039    | 2.451 | 0.01      | 0.007     | 0         | 58.5 | 59.8 | 61.5 | 165        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 9    | 10     | 12     | 0.833     | -0.026    | 2.451 | 0.01      | 0.007     | 0         | 58   | 58.9 | 61.9 | 165        | 167        | 0          | 30     | 30     |
| 2009 | 6     | 18  | 9    | 25     | 12     | 0.827     | -0.033    | 2.451 | 0.01      | 0.007     | 0         | 58   | 59.3 | 61.5 | 165        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 9    | 40     | 12     | 0.837     | -0.062    | 2.454 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 63.2 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 9    | 55     | 12     | 0.837     | -0.03     | 2.454 | 0.01      | 0.007     | 0         | 58   | 59.3 | 63.2 | 165        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 10   | 10     | 12     | 0.823     | -0.043    | 2.451 | 0.013     | 0.01      | 0         | 58   | 59.8 | 61.9 | 165        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 18  | 10   | 25     | 12     | 0.843     | -0.062    | 2.454 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 63.6 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 10   | 40     | 12     | 0.837     | -0.02     | 2.457 | 0.01      | 0.007     | 0         | 58.9 | 60.2 | 63.2 | 166        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 10   | 55     | 12     | 0.85      | -0.046    | 2.454 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 64.5 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 11   | 10     | 12     | 0.853     | -0.052    | 2.454 | 0.013     | 0.01      | 0         | 58.5 | 59.3 | 64.5 | 164        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 18  | 11   | 25     | 12     | 0.85      | -0.016    | 2.454 | 0.01      | 0.007     | 0         | 58.5 | 59.8 | 64.1 | 165        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 11   | 40     | 12     | 0.81      | -0.016    | 2.454 | 0.01      | 0.007     | 0         | 58.5 | 59.8 | 64.5 | 165        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 11   | 55     | 12     | 0.837     | -0.036    | 2.454 | 0.013     | 0.01      | 0         | 58.5 | 59.8 | 64.5 | 165        | 168        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 18  | 12   | 10     | 12     | 0.863     | -0.03     | 2.454 | 0.013     | 0.01      | 0         | 58.9 | 59.8 | 64.5 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 12   | 25     | 12     | 0.85      | -0.023    | 2.454 | 0.01      | 0.007     | 0         | 58   | 59.3 | 65.4 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 12   | 40     | 12     | 0.856     | -0.016    | 2.454 | 0.013     | 0.01      | 0         | 58   | 59.3 | 66.2 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 12   | 55     | 12     | 0.846     | -0.03     | 2.454 | 0.01      | 0.007     | 0         | 58   | 59.3 | 62.4 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 18  | 13   | 10     | 12     | 0.843     | -0.026    | 2.454 | 0.01      | 0.007     | 0         | 58   | 58.9 | 65.8 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 13   | 25     | 12     | 0.814     | -0.033    | 2.454 | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 65.8 | 166        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 18  | 13   | 40     | 12     | 0.843     | -0.02     | 2.454 | 0.013     | 0.01      | 0         | 59.3 | 59.3 | 66.2 | 167        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 18  | 13   | 55     | 12     | 0.869     | -0.03     | 2.454 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 66.7 | 167        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 14   | 10     | 12     | 0.863     | -0.03     | 2.454 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 66.7 | 167        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 18  | 14   | 25     | 12     | 0.843     | -0.043    | 2.454 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 67.1 | 166        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 18  | 14   | 40     | 12     | 0.866     | -0.043    | 2.454 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 67.1 | 167        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 18  | 14   | 55     | 12     | 0.892     | -0.039    | 2.457 | 0.013     | 0.01      | 0         | 58.9 | 58.5 | 67.5 | 166        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 15   | 10     | 12     | 0.866     | -0.052    | 2.454 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 51.6 | 166        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 18  | 15   | 25     | 12     | 0.863     | -0.013    | 2.457 | 0.013     | 0.01      | 0         | 58.9 | 58.9 | 66.7 | 166        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 15   | 40     | 12     | 0.863     | -0.026    | 2.457 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 65.4 | 166        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 15   | 55     | 12     | 0.886     | -0.033    | 2.457 | 0.016     | 0.013     | 0         | 59.3 | 58.9 | 64.1 | 167        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 16   | 10     | 12     | 0.879     | -0.02     | 2.457 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 66.7 | 167        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 18  | 16   | 25     | 12     | 0.869     | -0.049    | 2.454 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 47.7 | 167        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 18  | 16   | 40     | 12     | 0.843     | -0.056    | 2.457 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 66.7 | 167        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 18  | 16   | 55     | 12     | 0.886     | -0.056    | 2.457 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 48.2 | 167        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 18  | 17   | 10     | 12     | 0.876     | -0.046    | 2.457 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 57.6 | 167        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 18  | 17   | 25     | 12     | 0.863     | -0.049    | 2.454 | 0.013     | 0.01      | 0         | 58.5 | 58.5 | 43   | 165        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 18  | 17   | 40     | 12     | 0.892     | -0.049    | 2.454 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 52   | 166        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 18  | 17   | 55     | 12     | 0.856     | -0.013    | 2.454 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 45.6 | 166        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 18  | 18   | 10     | 12     | 0.906     | -0.036    | 2.457 | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 41.7 | 165        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 18  | 18   | 25     | 12     | 0.85      | -0.023    | 2.457 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 51.6 | 166        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 18  | 18   | 40     | 12     | 0.873     | -0.039    | 2.457 | 0.013     | 0.01      | 0         | 59.3 | 59.3 | 64.5 | 167        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 18  | 18   | 55     | 12     | 0.873     | -0.059    | 2.454 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 45.2 | 166        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 18  | 19   | 10     | 12     | 0.876     | -0.023    | 2.457 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 55   | 166        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 18  | 19   | 25     | 12     | 0.86      | -0.033    | 2.457 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 67.5 | 167        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 18  | 19   | 40     | 12     | 0.856     | 0.03      | 2.457 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 67.5 | 167        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 18  | 19   | 55     | 12     | 0.846     | -0.01     | 2.457 | 0.01      | 0.007     | 0         | 58.9 | 58.5 | 67.5 | 166        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 20   | 10     | 12     | 0.827     | -0.016    | 2.457 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 67.5 | 167        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 18  | 20   | 25     | 12     | 0.876     | -0.007    | 2.457 | 0.013     | 0.01      | 0         | 59.8 | 58.9 | 67.5 | 167        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 18  | 20   | 40     | 12     | 0.837     | -0.013    | 2.457 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 67.9 | 166        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 18  | 20   | 55     | 12     | 0.856     | -0.007    | 2.457 | 0.013     | 0.01      | 0         | 59.3 | 59.3 | 67.5 | 167        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 18  | 21   | 10     | 12     | 0.853     | -0.01     | 2.457 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 67.1 | 167        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 18  | 21   | 25     | 12     | 0.856     | -0.01     | 2.457 | 0.01      | 0.007     | 0         | 59.3 | 58.5 | 67.1 | 167        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 18  | 21   | 40     | 12     | 0.869     | -0.046    | 2.457 | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 67.9 | 165        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 21   | 55     | 12     | 0.853     | -0.013    | 2.457 | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 67.1 | 165        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 22   | 10     | 12     | 0.846     | -0.049    | 2.457 | 0.013     | 0.01      | 0         | 58.9 | 58.9 | 67.1 | 165        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 18  | 22   | 25     | 12     | 0.869     | -0.039    | 2.457 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 67.1 | 165        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 18  | 22   | 40     | 12     | 0.86      | -0.013    | 2.457 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 67.1 | 165        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 18  | 22   | 55     | 12     | 0.833     | -0.02     | 2.457 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 64.5 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 23   | 10     | 12     | 0.843     | -0.046    | 2.457 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 67.1 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 23   | 25     | 12     | 0.869     | -0.033    | 2.457 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 66.7 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 23   | 40     | 12     | 0.873     | -0.046    | 2.457 | 0.013     | 0.01      | 0         | 58.5 | 58.9 | 66.7 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 18  | 23   | 55     | 12     | 0.873     | -0.026    | 2.457 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 67.5 | 165        | 165        | 0          | 29     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 19  | 0    | 10     | 12     | 0.876     | -0.016    | 2.457 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 66.7 | 165        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 0    | 25     | 12     | 0.883     | -0.016    | 2.457 | 0.013     | 0.01      | 0         | 58.9 | 58.9 | 65.4 | 165        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 0    | 40     | 12     | 0.869     | -0.049    | 2.457 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 66.2 | 165        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 0    | 55     | 12     | 0.863     | -0.039    | 2.457 | 0.013     | 0.01      | 0         | 58.9 | 59.3 | 66.2 | 166        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 1    | 10     | 12     | 0.869     | -0.03     | 2.457 | 0.01      | 0.007     | 0         | 58   | 58.9 | 66.2 | 165        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 1    | 25     | 12     | 0.846     | -0.016    | 2.457 | 0.013     | 0.01      | 0         | 58.9 | 59.8 | 65.8 | 166        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 1    | 40     | 12     | 0.86      | -0.056    | 2.457 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 65.8 | 166        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 1    | 55     | 12     | 0.853     | 0         | 2.457 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 65.4 | 166        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 2    | 10     | 12     | 0.853     | -0.016    | 2.457 | 0.01      | 0.007     | 0         | 59.3 | 60.2 | 64.9 | 167        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 2    | 25     | 12     | 0.856     | -0.039    | 2.457 | 0.01      | 0.007     | 0         | 59.3 | 60.2 | 64.9 | 167        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 2    | 40     | 12     | 0.869     | -0.02     | 2.457 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 64.9 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 2    | 55     | 12     | 0.863     | -0.007    | 2.457 | 0.01      | 0.007     | 0         | 59.3 | 60.2 | 64.5 | 167        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 3    | 10     | 12     | 0.879     | -0.056    | 2.457 | 0.013     | 0.01      | 0         | 59.8 | 60.2 | 64.1 | 168        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 3    | 25     | 12     | 0.906     | -0.023    | 2.457 | 0.013     | 0.01      | 0         | 58.9 | 59.3 | 64.5 | 166        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 3    | 40     | 12     | 0.866     | -0.043    | 2.457 | 0.013     | 0.01      | 0         | 59.3 | 59.8 | 64.1 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 3    | 55     | 12     | 0.869     | -0.016    | 2.457 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 63.6 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 4    | 10     | 12     | 0.869     | -0.043    | 2.461 | 0.01      | 0.007     | 0         | 59.3 | 60.2 | 63.2 | 167        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 4    | 25     | 12     | 0.866     | -0.049    | 2.464 | 0.01      | 0.007     | 0         | 59.3 | 60.2 | 63.6 | 167        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 4    | 40     | 12     | 0.879     | -0.03     | 2.464 | 0.01      | 0.007     | 0         | 58.9 | 60.2 | 62.8 | 166        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 4    | 55     | 12     | 0.86      | -0.036    | 2.467 | 0.01      | 0.007     | 0         | 59.8 | 60.2 | 63.6 | 168        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 5    | 10     | 12     | 0.866     | -0.049    | 2.467 | 0.01      | 0.007     | 0         | 59.8 | 60.2 | 63.6 | 168        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 5    | 25     | 12     | 0.866     | -0.039    | 2.47  | 0.01      | 0.007     | 0         | 58.9 | 60.6 | 63.6 | 167        | 169        | 0          | 30     | 28     |
| 2009 | 6     | 19  | 5    | 40     | 12     | 0.86      | -0.02     | 2.47  | 0.01      | 0.007     | 0         | 59.8 | 60.2 | 63.6 | 168        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 5    | 55     | 12     | 0.892     | -0.039    | 2.47  | 0.013     | 0.01      | 0         | 59.8 | 60.2 | 64.1 | 168        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 6    | 10     | 12     | 0.86      | -0.03     | 2.47  | 0.013     | 0.01      | 0         | 60.2 | 61.1 | 64.1 | 169        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 6    | 25     | 12     | 0.906     | -0.033    | 2.47  | 0.01      | 0.007     | 0         | 59.3 | 60.2 | 65.4 | 167        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 6    | 40     | 12     | 0.86      | -0.016    | 2.47  | 0.013     | 0.01      | 0         | 59.3 | 60.2 | 64.5 | 168        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 6    | 55     | 12     | 0.866     | -0.03     | 2.47  | 0.01      | 0.007     | 0         | 59.8 | 60.6 | 64.9 | 168        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 7    | 10     | 12     | 0.869     | -0.026    | 2.474 | 0.01      | 0.007     | 0         | 59.8 | 60.6 | 65.4 | 168        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 7    | 25     | 12     | 0.873     | -0.023    | 2.474 | 0.01      | 0.007     | 0         | 59.3 | 60.2 | 66.2 | 167        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 7    | 40     | 12     | 0.84      | -0.01     | 2.474 | 0.013     | 0.01      | 0         | 59.3 | 60.2 | 65.8 | 167        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 7    | 55     | 12     | 0.873     | -0.043    | 2.474 | 0.01      | 0.007     | 0         | 59.3 | 60.2 | 66.2 | 167        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 8    | 10     | 12     | 0.879     | -0.036    | 2.474 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 66.7 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 8    | 25     | 12     | 0.892     | -0.023    | 2.474 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 66.7 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 8    | 40     | 12     | 0.906     | -0.039    | 2.474 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 67.1 | 167        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 8    | 55     | 12     | 0.892     | -0.039    | 2.474 | 0.016     | 0.013     | 0         | 58.5 | 59.3 | 60.2 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 9    | 10     | 12     | 0.892     | -0.039    | 2.474 | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 58.9 | 166        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 9    | 25     | 12     | 0.86      | -0.023    | 2.474 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 66.2 | 166        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 9    | 40     | 12     | 0.863     | -0.046    | 2.474 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 63.2 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 9    | 55     | 12     | 0.886     | -0.01     | 2.474 | 0.01      | 0.007     | 0         | 58.5 | 59.8 | 62.8 | 166        | 167        | 0          | 30     | 28     |
| 2009 | 6     | 19  | 10   | 10     | 12     | 0.902     | -0.043    | 2.47  | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 39.6 | 166        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 10   | 25     | 12     | 0.869     | -0.033    | 2.47  | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 42.1 | 166        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 10   | 40     | 12     | 0.883     | -0.033    | 2.47  | 0.01      | 0.007     | 0         | 59.3 | 60.2 | 40.4 | 167        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 10   | 55     | 12     | 0.909     | -0.052    | 2.47  | 0.013     | 0.01      | 0         | 58.9 | 59.8 | 38.7 | 166        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 11   | 10     | 12     | 0.866     | -0.062    | 2.47  | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 40.4 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 11   | 25     | 12     | 0.892     | -0.079    | 2.47  | 0.01      | 0.007     | 0         | 58   | 59.3 | 39.1 | 165        | 166        | 0          | 30     | 28     |
| 2009 | 6     | 19  | 11   | 40     | 12     | 0.876     | -0.043    | 2.47  | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 37   | 166        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 19  | 11   | 55     | 12     | 0.886     | -0.026    | 2.47  | 0.013     | 0.01      | 0         | 59.3 | 59.3 | 39.6 | 166        | 167        | 0          | 28     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 19  | 12   | 10     | 12     | 0.899     | -0.036    | 2.47  | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 37.8 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 12   | 25     | 12     | 0.896     | -0.016    | 2.467 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 39.1 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 12   | 40     | 12     | 0.892     | -0.062    | 2.467 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 35.7 | 165        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 12   | 55     | 12     | 0.889     | -0.026    | 2.467 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 39.1 | 166        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 13   | 10     | 12     | 0.873     | -0.02     | 2.467 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 38.7 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 13   | 25     | 12     | 0.883     | -0.026    | 2.467 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 40   | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 13   | 40     | 12     | 0.896     | -0.007    | 2.464 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 37.8 | 166        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 13   | 55     | 12     | 0.879     | -0.026    | 2.464 | 0.01      | 0.007     | 0         | 59.3 | 60.2 | 38.3 | 167        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 14   | 10     | 12     | 0.899     | 0         | 2.467 | 0.01      | 0.007     | 0         | 59.3 | 60.2 | 38.3 | 166        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 19  | 14   | 25     | 12     | 0.883     | -0.03     | 2.461 | 0.01      | 0.007     | 0         | 59.3 | 60.2 | 39.6 | 167        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 14   | 40     | 12     | 0.869     | -0.026    | 2.461 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 39.1 | 166        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 14   | 55     | 12     | 0.86      | -0.023    | 2.464 | 0.013     | 0.01      | 0         | 58.9 | 59.3 | 40.9 | 166        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 15   | 10     | 12     | 0.889     | -0.02     | 2.461 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 41.3 | 166        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 19  | 15   | 25     | 12     | 0.869     | -0.01     | 2.457 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 53.8 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 15   | 40     | 12     | 0.817     | 0.007     | 2.457 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 60.2 | 167        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 15   | 55     | 12     | 0.869     | -0.016    | 2.457 | 0.01      | 0.007     | 0         | 59.3 | 60.6 | 58.5 | 167        | 168        | 0          | 29     | 27     |
| 2009 | 6     | 19  | 16   | 10     | 12     | 0.853     | 0         | 2.457 | 0.01      | 0.007     | 0         | 59.3 | 60.2 | 59.3 | 167        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 16   | 25     | 12     | 0.837     | -0.033    | 2.457 | 0.01      | 0.007     | 0         | 59.8 | 60.2 | 57.6 | 167        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 19  | 16   | 40     | 12     | 0.86      | -0.016    | 2.454 | 0.01      | 0.007     | 0         | 59.8 | 60.2 | 53.8 | 167        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 19  | 16   | 55     | 12     | 0.827     | -0.003    | 2.454 | 0.013     | 0.01      | 0         | 59.8 | 60.2 | 55.9 | 167        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 19  | 17   | 10     | 12     | 0.823     | 0         | 2.454 | 0.013     | 0.01      | 0         | 59.8 | 60.2 | 58.9 | 167        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 19  | 17   | 25     | 12     | 0.827     | -0.033    | 2.451 | 0.01      | 0.007     | 0         | 58.9 | 60.2 | 52.5 | 166        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 17   | 40     | 12     | 0.837     | -0.01     | 2.454 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 61.1 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 19  | 17   | 55     | 12     | 0.837     | -0.02     | 2.454 | 0.01      | 0.007     | 0         | 58.5 | 59.8 | 58   | 165        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 18   | 10     | 12     | 0.83      | -0.016    | 2.451 | 0.013     | 0.01      | 0         | 58.5 | 59.8 | 61.1 | 165        | 166        | 0          | 29     | 27     |
| 2009 | 6     | 19  | 18   | 25     | 12     | 0.84      | -0.007    | 2.454 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 64.9 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 18   | 40     | 12     | 0.833     | -0.03     | 2.451 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 62.4 | 166        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 19  | 18   | 55     | 12     | 0.866     | -0.013    | 2.451 | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 63.2 | 165        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 19  | 19   | 10     | 12     | 0.866     | -0.013    | 2.451 | 0.01      | 0.007     | 0         | 58   | 59.3 | 66.2 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 19   | 25     | 12     | 0.846     | -0.02     | 2.451 | 0.01      | 0.007     | 0         | 58   | 59.3 | 64.9 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 19   | 40     | 12     | 0.846     | -0.02     | 2.451 | 0.01      | 0.007     | 0         | 58.5 | 59.8 | 66.2 | 165        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 19   | 55     | 12     | 0.833     | -0.016    | 2.451 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 64.1 | 165        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 20   | 10     | 12     | 0.846     | -0.013    | 2.451 | 0.01      | 0.007     | 0         | 58   | 58.9 | 66.7 | 163        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 19  | 20   | 25     | 12     | 0.846     | -0.01     | 2.451 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 66.2 | 164        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 19  | 20   | 40     | 12     | 0.856     | -0.016    | 2.451 | 0.013     | 0.01      | 0         | 58.5 | 59.3 | 63.6 | 165        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 20   | 55     | 12     | 0.863     | -0.026    | 2.457 | 0.013     | 0.01      | 0         | 58.5 | 52.9 | 64.9 | 164        | 151        | 0          | 28     | 28     |
| 2009 | 6     | 19  | 21   | 10     | 12     | 0.84      | -0.033    | 2.451 | 0.016     | 0.013     | 0         | 59.8 | 60.6 | 66.2 | 168        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 21   | 25     | 12     | 0.85      | -0.007    | 2.451 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 66.2 | 166        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 21   | 40     | 12     | 0.85      | -0.039    | 2.444 | 0.013     | 0.01      | 0         | 58.5 | 59.3 | 43.4 | 165        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 21   | 55     | 12     | 0.879     | -0.043    | 2.444 | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 38.3 | 166        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 22   | 10     | 12     | 0.896     | -0.043    | 2.444 | 0.013     | 0.01      | 0         | 58.5 | 58.9 | 38.7 | 165        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 22   | 25     | 12     | 0.866     | -0.007    | 2.444 | 0.013     | 0.01      | 0         | 58.5 | 58.9 | 40.9 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 22   | 40     | 12     | 0.896     | -0.046    | 2.444 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 40   | 165        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 19  | 22   | 55     | 12     | 0.883     | -0.056    | 2.444 | 0.013     | 0.01      | 0         | 58.9 | 59.3 | 40.9 | 165        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 19  | 23   | 10     | 12     | 0.843     | -0.023    | 2.448 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 53.3 | 166        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 19  | 23   | 25     | 12     | 0.843     | -0.023    | 2.448 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 66.7 | 166        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 19  | 23   | 40     | 12     | 0.863     | -0.026    | 2.448 | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 66.7 | 166        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 19  | 23   | 55     | 12     | 0.83      | -0.003    | 2.448 | 0.013     | 0.01      | 0         | 58.9 | 59.8 | 67.1 | 166        | 167        | 0          | 29     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 20  | 0    | 10     | 12     | 0.843     | 0         | 2.448 | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 66.7 | 166        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 0    | 25     | 12     | 0.866     | -0.016    | 2.448 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 67.5 | 165        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 0    | 40     | 12     | 0.846     | -0.059    | 2.448 | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 67.5 | 166        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 0    | 55     | 12     | 0.82      | -0.023    | 2.448 | 0.013     | 0.01      | 0         | 58.9 | 59.3 | 67.1 | 166        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 1    | 10     | 12     | 0.856     | -0.043    | 2.448 | 0.013     | 0.01      | 0         | 58.5 | 59.3 | 67.1 | 165        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 1    | 25     | 12     | 0.873     | -0.016    | 2.448 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 67.1 | 166        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 1    | 40     | 12     | 0.879     | -0.049    | 2.444 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 67.1 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 1    | 55     | 12     | 0.814     | -0.013    | 2.444 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 67.5 | 166        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 2    | 10     | 12     | 0.84      | -0.013    | 2.444 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 67.1 | 166        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 2    | 25     | 12     | 0.843     | -0.007    | 2.444 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 67.1 | 166        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 2    | 40     | 12     | 0.827     | -0.013    | 2.444 | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 67.5 | 166        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 2    | 55     | 12     | 0.846     | -0.023    | 2.444 | 0.013     | 0.01      | 0         | 58.5 | 59.3 | 65.4 | 165        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 3    | 10     | 12     | 0.837     | 0.013     | 2.444 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 67.5 | 166        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 3    | 25     | 12     | 0.85      | -0.043    | 2.444 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 67.1 | 166        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 3    | 40     | 12     | 0.843     | -0.036    | 2.444 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 65.4 | 166        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 3    | 55     | 12     | 0.843     | -0.026    | 2.444 | 0.016     | 0.013     | 0         | 58.9 | 59.3 | 67.5 | 166        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 4    | 10     | 12     | 0.827     | -0.02     | 2.444 | 0.016     | 0.013     | 0         | 59.3 | 59.8 | 67.1 | 167        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 4    | 25     | 12     | 0.873     | -0.03     | 2.444 | 0.013     | 0.01      | 0         | 58.9 | 59.8 | 67.9 | 166        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 4    | 40     | 12     | 0.85      | -0.013    | 2.444 | 0.01      | 0.007     | 0         | 59.3 | 60.2 | 66.7 | 167        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 4    | 55     | 12     | 0.843     | -0.033    | 2.444 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 67.1 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 5    | 10     | 12     | 0.863     | -0.046    | 2.444 | 0.013     | 0.01      | 0         | 59.3 | 59.8 | 67.1 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 5    | 25     | 12     | 0.863     | -0.016    | 2.444 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 66.7 | 168        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 5    | 40     | 12     | 0.846     | -0.036    | 2.444 | 0.013     | 0.01      | 0         | 59.8 | 59.8 | 66.7 | 168        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 5    | 55     | 12     | 0.833     | -0.039    | 2.444 | 0.01      | 0.007     | 0         | 59.8 | 60.6 | 66.2 | 168        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 6    | 10     | 12     | 0.837     | -0.033    | 2.444 | 0.01      | 0.007     | 0         | 59.8 | 60.2 | 66.2 | 168        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 6    | 25     | 12     | 0.853     | -0.043    | 2.444 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 66.7 | 168        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 6    | 40     | 12     | 0.876     | -0.023    | 2.444 | 0.013     | 0.01      | 0         | 59.3 | 59.8 | 66.2 | 168        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 20  | 6    | 55     | 12     | 0.85      | -0.046    | 2.444 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 66.7 | 168        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 7    | 10     | 12     | 0.846     | -0.026    | 2.444 | 0.013     | 0.01      | 0         | 59.8 | 60.2 | 66.2 | 168        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 7    | 25     | 12     | 0.886     | -0.043    | 2.444 | 0.013     | 0.01      | 0         | 60.2 | 60.6 | 64.5 | 169        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 7    | 40     | 12     | 0.827     | -0.039    | 2.444 | 0.013     | 0.01      | 0         | 60.2 | 60.6 | 65.8 | 169        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 7    | 55     | 12     | 0.827     | -0.03     | 2.444 | 0.01      | 0.007     | 0         | 60.2 | 60.6 | 65.8 | 169        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 8    | 10     | 12     | 0.82      | -0.02     | 2.444 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 65.4 | 168        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 8    | 25     | 12     | 0.869     | -0.036    | 2.444 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 66.2 | 168        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 8    | 40     | 12     | 0.83      | -0.03     | 2.444 | 0.01      | 0.007     | 0         | 59.8 | 60.2 | 66.2 | 168        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 8    | 55     | 12     | 0.883     | -0.033    | 2.444 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 66.2 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 9    | 10     | 12     | 0.83      | -0.023    | 2.444 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 66.2 | 168        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 9    | 25     | 12     | 0.876     | -0.023    | 2.444 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 64.9 | 166        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 9    | 40     | 12     | 0.856     | -0.056    | 2.444 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 66.7 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 9    | 55     | 12     | 0.863     | -0.043    | 2.444 | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 66.2 | 166        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 10   | 10     | 12     | 0.843     | -0.013    | 2.444 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 66.7 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 10   | 25     | 12     | 0.846     | -0.033    | 2.444 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 65.4 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 10   | 40     | 12     | 0.863     | -0.062    | 2.444 | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 60.2 | 166        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 10   | 55     | 12     | 0.856     | -0.049    | 2.444 | 0.013     | 0.01      | 0         | 58.9 | 59.3 | 44.7 | 166        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 11   | 10     | 12     | 0.889     | -0.039    | 2.448 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 61.9 | 166        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 11   | 25     | 12     | 0.853     | -0.013    | 2.448 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 54.6 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 11   | 40     | 12     | 0.883     | -0.02     | 2.444 | 0.013     | 0.01      | 0         | 58.5 | 59.3 | 40.4 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 11   | 55     | 12     | 0.876     | -0.069    | 2.444 | 0.01      | 0.007     | 0         | 58.5 | 59.8 | 41.7 | 165        | 167        | 0          | 29     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 20  | 12   | 10     | 12     | 0.863     | -0.046    | 2.448 | 0.01      | 0.007     | 0         | 58.5 | 57.6 | 54.2 | 165        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 12   | 25     | 12     | 0.906     | -0.046    | 2.448 | 0.01      | 0.007     | 0         | 58   | 58.9 | 54.6 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 12   | 40     | 12     | 0.853     | -0.03     | 2.448 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 67.1 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 12   | 55     | 12     | 0.84      | -0.036    | 2.448 | 0.01      | 0.007     | 0         | 57.6 | 58.5 | 55.9 | 164        | 166        | 0          | 30     | 30     |
| 2009 | 6     | 20  | 13   | 10     | 12     | 0.876     | -0.003    | 2.441 | 0.013     | 0.01      | 0         | 58.5 | 59.8 | 39.6 | 165        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 13   | 25     | 12     | 0.879     | -0.033    | 2.444 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 43.9 | 165        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 13   | 40     | 12     | 0.86      | -0.062    | 2.448 | 0.013     | 0.01      | 0         | 58.9 | 59.3 | 67.1 | 165        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 13   | 55     | 12     | 0.85      | -0.023    | 2.441 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 42.1 | 166        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 14   | 10     | 12     | 0.856     | -0.043    | 2.444 | 0.013     | 0.01      | 0         | 58   | 59.3 | 66.2 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 14   | 25     | 12     | 0.889     | -0.026    | 2.438 | 0.013     | 0.01      | 0         | 58.5 | 59.3 | 41.7 | 165        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 14   | 40     | 12     | 0.873     | -0.059    | 2.438 | 0.01      | 0.007     | 0         | 58.5 | 59.8 | 45.2 | 165        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 14   | 55     | 12     | 0.843     | -0.049    | 2.444 | 0.013     | 0.01      | 0         | 58.9 | 59.8 | 65.4 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 15   | 10     | 12     | 0.86      | -0.046    | 2.438 | 0.013     | 0.01      | 0         | 58.9 | 59.8 | 43.4 | 166        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 15   | 25     | 12     | 0.86      | -0.049    | 2.441 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 60.2 | 165        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 15   | 40     | 12     | 0.86      | -0.033    | 2.438 | 0.013     | 0.01      | 0         | 58.9 | 59.8 | 63.6 | 166        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 15   | 55     | 12     | 0.863     | -0.033    | 2.438 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 62.4 | 166        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 16   | 10     | 12     | 0.909     | -0.049    | 2.431 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 43.9 | 164        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 16   | 25     | 12     | 0.86      | 0         | 2.434 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 63.6 | 164        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 16   | 40     | 12     | 0.85      | -0.039    | 2.431 | 0.01      | 0.007     | 0         | 58.5 | 60.2 | 61.5 | 165        | 167        | 0          | 29     | 27     |
| 2009 | 6     | 20  | 16   | 55     | 12     | 0.846     | -0.01     | 2.431 | 0.013     | 0.01      | 0         | 58.9 | 59.3 | 64.9 | 165        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 17   | 10     | 12     | 0.846     | -0.049    | 2.431 | 0.013     | 0.01      | 0         | 57.6 | 58.5 | 46   | 163        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 17   | 25     | 12     | 0.83      | -0.036    | 2.431 | 0.01      | 0.007     | 0         | 58   | 59.3 | 65.4 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 17   | 40     | 12     | 0.843     | -0.013    | 2.431 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 63.6 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 17   | 55     | 12     | 0.86      | -0.066    | 2.431 | 0.01      | 0.007     | 0         | 58   | 59.3 | 40   | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 18   | 10     | 12     | 0.856     | -0.056    | 2.431 | 0.01      | 0.007     | 0         | 58   | 58.9 | 42.6 | 163        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 18   | 25     | 12     | 0.879     | -0.013    | 2.431 | 0.016     | 0.013     | 0         | 58.5 | 58.5 | 41.3 | 164        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 18   | 40     | 12     | 0.856     | -0.016    | 2.428 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 46   | 164        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 20  | 18   | 55     | 12     | 0.846     | -0.02     | 2.428 | 0.01      | 0.007     | 0         | 58   | 59.8 | 53.3 | 164        | 166        | 0          | 29     | 27     |
| 2009 | 6     | 20  | 19   | 10     | 12     | 0.863     | -0.046    | 2.428 | 0.01      | 0.007     | 0         | 58   | 59.3 | 65.8 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 19   | 25     | 12     | 0.856     | -0.016    | 2.428 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 65.4 | 164        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 19   | 40     | 12     | 0.833     | -0.01     | 2.431 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 46   | 164        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 19   | 55     | 12     | 0.889     | -0.007    | 2.428 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 38.7 | 163        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 20   | 10     | 12     | 0.863     | -0.016    | 2.431 | 0.013     | 0.01      | 0         | 57.6 | 58.9 | 39.1 | 163        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 20   | 25     | 12     | 0.843     | -0.046    | 2.428 | 0.013     | 0.01      | 0         | 58   | 59.3 | 40.9 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 20   | 40     | 12     | 0.869     | -0.033    | 2.428 | 0.01      | 0.007     | 0         | 58   | 58.9 | 35.7 | 163        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 20   | 55     | 12     | 0.879     | -0.049    | 2.428 | 0.01      | 0.007     | 0         | 58   | 59.3 | 37.4 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 21   | 10     | 12     | 0.846     | -0.075    | 2.428 | 0.01      | 0.007     | 0         | 55.5 | 59.3 | 38.7 | 157        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 21   | 25     | 12     | 0.84      | -0.013    | 2.425 | 0.013     | 0.01      | 0         | 58.9 | 57.2 | 41.3 | 166        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 21   | 40     | 12     | 0.814     | 0.003     | 2.425 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 57.6 | 166        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 21   | 55     | 12     | 0.84      | -0.007    | 2.425 | 0.013     | 0.01      | 0         | 58.9 | 59.3 | 65.8 | 166        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 20  | 22   | 10     | 12     | 0.83      | -0.033    | 2.425 | 0.013     | 0.01      | 0         | 58.9 | 59.8 | 65.8 | 166        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 22   | 25     | 12     | 0.82      | -0.033    | 2.425 | 0.013     | 0.01      | 0         | 60.2 | 60.2 | 65.4 | 168        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 22   | 40     | 12     | 0.827     | -0.016    | 2.421 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 66.2 | 167        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 22   | 55     | 12     | 0.82      | -0.016    | 2.421 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 66.2 | 167        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 23   | 10     | 12     | 0.837     | -0.043    | 2.421 | 0.016     | 0.013     | 0         | 59.3 | 59.3 | 65.8 | 167        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 23   | 25     | 12     | 0.85      | -0.02     | 2.421 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 65.8 | 167        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 20  | 23   | 40     | 12     | 0.856     | -0.02     | 2.421 | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 66.2 | 166        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 20  | 23   | 55     | 12     | 0.843     | -0.023    | 2.421 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 65.8 | 167        | 167        | 0          | 29     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 21  | 0    | 10     | 12     | 0.86      | -0.007    | 2.421 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 65.8 | 167        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 0    | 25     | 12     | 0.814     | -0.02     | 2.421 | 0.013     | 0.01      | 0         | 59.8 | 60.2 | 64.1 | 168        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 0    | 40     | 12     | 0.83      | -0.039    | 2.421 | 0.013     | 0.01      | 0         | 59.3 | 60.2 | 65.4 | 167        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 0    | 55     | 12     | 0.83      | -0.033    | 2.421 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 65.4 | 168        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 1    | 10     | 12     | 0.853     | -0.049    | 2.421 | 0.013     | 0.01      | 0         | 59.3 | 59.8 | 65.4 | 167        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 1    | 25     | 12     | 0.843     | -0.026    | 2.421 | 0.01      | 0.007     | 0         | 59.8 | 60.2 | 64.9 | 168        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 1    | 40     | 12     | 0.837     | -0.03     | 2.418 | 0.013     | 0.01      | 0         | 59.8 | 59.8 | 64.9 | 168        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 1    | 55     | 12     | 0.846     | -0.062    | 2.418 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 64.9 | 168        | 168        | 0          | 29     | 30     |
| 2009 | 6     | 21  | 2    | 10     | 12     | 0.86      | -0.013    | 2.418 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 65.8 | 167        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 2    | 25     | 12     | 0.823     | -0.059    | 2.421 | 0.013     | 0.01      | 0         | 60.6 | 61.1 | 64.5 | 169        | 170        | 0          | 28     | 28     |
| 2009 | 6     | 21  | 2    | 40     | 12     | 0.85      | -0.043    | 2.418 | 0.013     | 0.01      | 0         | 59.8 | 59.8 | 64.1 | 168        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 2    | 55     | 12     | 0.863     | -0.03     | 2.418 | 0.013     | 0.01      | 0         | 60.2 | 59.8 | 64.9 | 168        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 3    | 10     | 12     | 0.86      | -0.046    | 2.418 | 0.013     | 0.01      | 0         | 59.3 | 59.3 | 64.5 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 3    | 25     | 12     | 0.84      | -0.033    | 2.418 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 64.1 | 168        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 3    | 40     | 12     | 0.83      | -0.046    | 2.418 | 0.01      | 0.007     | 0         | 60.2 | 59.8 | 64.5 | 168        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 21  | 3    | 55     | 12     | 0.84      | -0.039    | 2.421 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 63.6 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 4    | 10     | 12     | 0.84      | -0.016    | 2.418 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 63.6 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 4    | 25     | 12     | 0.84      | -0.016    | 2.421 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 64.1 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 4    | 40     | 12     | 0.866     | -0.049    | 2.425 | 0.013     | 0.01      | 0         | 59.3 | 59.8 | 63.6 | 167        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 4    | 55     | 12     | 0.876     | 0         | 2.425 | 0.013     | 0.01      | 0         | 59.8 | 59.8 | 64.1 | 167        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 5    | 10     | 12     | 0.85      | -0.033    | 2.428 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 64.1 | 167        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 5    | 25     | 12     | 0.86      | -0.039    | 2.428 | 0.013     | 0.01      | 0         | 60.2 | 60.2 | 64.1 | 169        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 5    | 40     | 12     | 0.84      | -0.013    | 2.431 | 0.013     | 0.01      | 0         | 60.6 | 61.1 | 64.5 | 170        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 5    | 55     | 12     | 0.827     | -0.039    | 2.428 | 0.01      | 0.007     | 0         | 59.8 | 60.2 | 63.6 | 168        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 6    | 10     | 12     | 0.837     | -0.026    | 2.428 | 0.01      | 0.007     | 0         | 59.8 | 60.6 | 64.1 | 168        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 6    | 25     | 12     | 0.85      | -0.049    | 2.428 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 63.6 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 6    | 40     | 12     | 0.856     | -0.046    | 2.428 | 0.013     | 0.01      | 0         | 59.8 | 59.8 | 64.1 | 167        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 6    | 55     | 12     | 0.856     | -0.052    | 2.428 | 0.01      | 0.007     | 0         | 58.9 | 60.2 | 64.5 | 167        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 7    | 10     | 12     | 0.83      | -0.026    | 2.428 | 0.01      | 0.007     | 0         | 59.3 | 60.6 | 64.5 | 167        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 7    | 25     | 12     | 0.837     | -0.026    | 2.428 | 0.01      | 0.007     | 0         | 59.8 | 60.2 | 64.5 | 168        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 7    | 40     | 12     | 0.823     | -0.01     | 2.428 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 64.9 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 7    | 55     | 12     | 0.846     | -0.036    | 2.428 | 0.01      | 0.007     | 0         | 59.3 | 60.2 | 64.9 | 167        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 8    | 10     | 12     | 0.84      | -0.01     | 2.428 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 64.1 | 167        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 8    | 25     | 12     | 0.807     | -0.03     | 2.428 | 0.013     | 0.01      | 0         | 59.3 | 60.2 | 64.5 | 167        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 8    | 40     | 12     | 0.833     | -0.033    | 2.428 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 64.9 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 8    | 55     | 12     | 0.837     | 0.003     | 2.428 | 0.013     | 0.01      | 0         | 58.9 | 59.8 | 64.5 | 166        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 9    | 10     | 12     | 0.84      | -0.046    | 2.428 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 64.5 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 9    | 25     | 12     | 0.797     | -0.02     | 2.428 | 0.013     | 0.01      | 0         | 58.5 | 59.8 | 64.1 | 166        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 9    | 40     | 12     | 0.82      | -0.046    | 2.428 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 64.1 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 9    | 55     | 12     | 0.81      | -0.049    | 2.428 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 64.1 | 166        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 10   | 10     | 12     | 0.837     | -0.016    | 2.425 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 64.1 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 10   | 25     | 12     | 0.909     | -0.056    | 2.421 | 0.01      | 0.007     | 0         | 58   | 59.3 | 62.4 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 10   | 40     | 12     | 0.85      | -0.046    | 2.415 | 0.01      | 0.007     | 0         | 58   | 58.9 | 41.3 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 10   | 55     | 12     | 0.86      | -0.043    | 2.415 | 0.01      | 0.007     | 0         | 58.5 | 59.8 | 43.4 | 165        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 11   | 10     | 12     | 0.873     | -0.046    | 2.415 | 0.01      | 0.007     | 0         | 58   | 58.9 | 41.7 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 11   | 25     | 12     | 0.869     | -0.043    | 2.415 | 0.01      | 0.007     | 0         | 58   | 58.9 | 40.9 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 11   | 40     | 12     | 0.843     | -0.039    | 2.415 | 0.01      | 0.007     | 0         | 58   | 58.9 | 41.7 | 165        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 21  | 11   | 55     | 12     | 0.846     | -0.059    | 2.415 | 0.01      | 0.007     | 0         | 58   | 59.3 | 41.3 | 164        | 166        | 0          | 29     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 21  | 12   | 10     | 12     | 0.876     | -0.033    | 2.411 | 0.01      | 0.007     | 0         | 58   | 58.9 | 41.3 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 12   | 25     | 12     | 0.866     | -0.033    | 2.411 | 0.013     | 0.01      | 0         | 58   | 58.5 | 40.4 | 164        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 12   | 40     | 12     | 0.873     | -0.056    | 2.411 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 42.1 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 12   | 55     | 12     | 0.846     | -0.046    | 2.415 | 0.013     | 0.01      | 0         | 58.9 | 59.8 | 41.7 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 13   | 10     | 12     | 0.85      | -0.033    | 2.411 | 0.013     | 0.01      | 0         | 58.5 | 59.8 | 42.6 | 165        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 13   | 25     | 12     | 0.889     | -0.069    | 2.411 | 0.013     | 0.01      | 0         | 58.5 | 59.3 | 42.1 | 165        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 13   | 40     | 12     | 0.856     | -0.052    | 2.411 | 0.013     | 0.01      | 0         | 58   | 59.3 | 40.9 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 13   | 55     | 12     | 0.876     | -0.046    | 2.411 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 40   | 164        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 14   | 10     | 12     | 0.876     | -0.023    | 2.408 | 0.01      | 0.007     | 0         | 58   | 58.9 | 42.6 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 14   | 25     | 12     | 0.85      | -0.052    | 2.408 | 0.013     | 0.01      | 0         | 58   | 58.9 | 40.9 | 164        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 14   | 40     | 12     | 0.869     | -0.049    | 2.408 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 40   | 164        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 14   | 55     | 12     | 0.856     | -0.069    | 2.408 | 0.013     | 0.01      | 0         | 58   | 59.3 | 40   | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 15   | 10     | 12     | 0.886     | -0.007    | 2.408 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 41.7 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 15   | 25     | 12     | 0.869     | -0.03     | 2.405 | 0.013     | 0.01      | 0         | 58.5 | 59.8 | 38.7 | 165        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 15   | 40     | 12     | 0.915     | -0.03     | 2.405 | 0.013     | 0.01      | 0         | 58   | 59.3 | 41.7 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 15   | 55     | 12     | 0.869     | -0.036    | 2.405 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 40.9 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 21  | 16   | 10     | 12     | 0.81      | -0.046    | 2.402 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 43.9 | 166        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 16   | 25     | 12     | 0.866     | -0.039    | 2.402 | 0.01      | 0.007     | 0         | 58.5 | 59.8 | 41.7 | 165        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 16   | 40     | 12     | 0.856     | -0.007    | 2.402 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 44.3 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 21  | 16   | 55     | 12     | 0.899     | -0.023    | 2.398 | 0.016     | 0.013     | 0         | 58   | 59.3 | 42.1 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 17   | 10     | 12     | 0.879     | -0.043    | 2.398 | 0.01      | 0.007     | 0         | 58   | 58.9 | 39.6 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 17   | 25     | 12     | 0.863     | -0.062    | 2.395 | 0.016     | 0.013     | 0         | 58.5 | 58.9 | 40   | 164        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 21  | 17   | 40     | 12     | 0.86      | -0.023    | 2.395 | 0.013     | 0.01      | 0         | 58   | 59.3 | 40.9 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 17   | 55     | 12     | 0.84      | -0.013    | 2.395 | 0.013     | 0.01      | 0         | 58.5 | 59.3 | 41.3 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 18   | 10     | 12     | 0.856     | -0.023    | 2.395 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 43.4 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 18   | 25     | 12     | 0.873     | -0.062    | 2.395 | 0.013     | 0.01      | 0         | 57.6 | 59.3 | 39.1 | 163        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 18   | 40     | 12     | 0.84      | -0.062    | 2.395 | 0.013     | 0.01      | 0         | 58   | 59.3 | 38.7 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 18   | 55     | 12     | 0.866     | -0.046    | 2.392 | 0.01      | 0.007     | 0         | 58   | 58.9 | 42.6 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 19   | 10     | 12     | 0.86      | -0.033    | 2.392 | 0.01      | 0.007     | 0         | 58   | 58.9 | 40.9 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 19   | 25     | 12     | 0.856     | -0.049    | 2.388 | 0.013     | 0.01      | 0         | 57.6 | 59.3 | 41.7 | 163        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 19   | 40     | 12     | 0.837     | 0.003     | 2.388 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 43   | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 21  | 19   | 55     | 12     | 0.866     | -0.039    | 2.388 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 39.1 | 163        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 20   | 10     | 12     | 0.814     | 0         | 2.388 | 0.01      | 0.007     | 0         | 60.2 | 59.8 | 54.6 | 169        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 20   | 25     | 12     | 0.85      | -0.013    | 2.388 | 0.01      | 0.007     | 0         | 60.2 | 59.8 | 56.8 | 169        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 20   | 40     | 12     | 0.827     | -0.03     | 2.385 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 42.6 | 168        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 20   | 55     | 12     | 0.856     | -0.043    | 2.385 | 0.013     | 0.01      | 0         | 59.8 | 59.8 | 43.4 | 168        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 21   | 10     | 12     | 0.853     | -0.036    | 2.385 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 43.9 | 168        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 21   | 25     | 12     | 0.84      | -0.036    | 2.385 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 43.9 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 21   | 40     | 12     | 0.873     | -0.02     | 2.385 | 0.01      | 0.007     | 0         | 59.3 | 58.9 | 42.1 | 167        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 21   | 55     | 12     | 0.83      | -0.003    | 2.385 | 0.01      | 0.007     | 0         | 60.2 | 59.3 | 59.3 | 169        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 22   | 10     | 12     | 0.853     | -0.046    | 2.382 | 0.013     | 0.01      | 0         | 59.3 | 59.3 | 44.7 | 167        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 22   | 25     | 12     | 0.85      | -0.023    | 2.385 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 64.5 | 168        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 22   | 40     | 12     | 0.827     | -0.007    | 2.382 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 64.9 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 22   | 55     | 12     | 0.833     | -0.026    | 2.382 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 64.9 | 167        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 23   | 10     | 12     | 0.83      | -0.036    | 2.382 | 0.01      | 0.007     | 0         | 60.6 | 60.6 | 49.9 | 170        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 23   | 25     | 12     | 0.853     | -0.007    | 2.379 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 46   | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 21  | 23   | 40     | 12     | 0.84      | 0.003     | 2.382 | 0.013     | 0.01      | 0         | 59.8 | 59.8 | 43.4 | 168        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 21  | 23   | 55     | 12     | 0.817     | -0.016    | 2.382 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 64.5 | 168        | 167        | 0          | 29     | 29     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 22  | 0    | 10     | 12     | 0.823     | -0.046    | 2.382 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 64.9 | 168        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 22  | 0    | 25     | 12     | 0.823     | -0.052    | 2.382 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 64.9 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 0    | 40     | 12     | 0.833     | -0.043    | 2.382 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 64.9 | 168        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 22  | 0    | 55     | 12     | 0.853     | -0.046    | 2.379 | 0.01      | 0.007     | 0         | 60.2 | 59.3 | 64.9 | 168        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 1    | 10     | 12     | 0.84      | -0.043    | 2.382 | 0.01      | 0.007     | 0         | 60.2 | 60.6 | 64.9 | 169        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 22  | 1    | 25     | 12     | 0.84      | -0.066    | 2.379 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 64.5 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 1    | 40     | 12     | 0.827     | -0.036    | 2.379 | 0.013     | 0.01      | 0         | 60.2 | 60.2 | 64.5 | 169        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 1    | 55     | 12     | 0.827     | 0         | 2.379 | 0.013     | 0.01      | 0         | 59.8 | 59.8 | 65.4 | 168        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 2    | 10     | 12     | 0.82      | -0.046    | 2.379 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 64.5 | 168        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 2    | 25     | 12     | 0.814     | -0.016    | 2.379 | 0.01      | 0.007     | 0         | 59.8 | 60.2 | 64.9 | 168        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 22  | 2    | 40     | 12     | 0.83      | -0.03     | 2.379 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 64.1 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 2    | 55     | 12     | 0.817     | -0.016    | 2.375 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 64.5 | 168        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 3    | 10     | 12     | 0.827     | 0         | 2.379 | 0.01      | 0.007     | 0         | 59.8 | 60.2 | 63.6 | 168        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 22  | 3    | 25     | 12     | 0.833     | -0.036    | 2.375 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 64.1 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 3    | 40     | 12     | 0.833     | -0.033    | 2.375 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 63.6 | 168        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 3    | 55     | 12     | 0.85      | -0.056    | 2.375 | 0.01      | 0.007     | 0         | 60.2 | 60.2 | 63.6 | 169        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 22  | 4    | 10     | 12     | 0.833     | -0.03     | 2.375 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 63.2 | 168        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 4    | 25     | 12     | 0.82      | -0.03     | 2.375 | 0.013     | 0.01      | 0         | 59.8 | 59.8 | 63.2 | 168        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 4    | 40     | 12     | 0.84      | -0.033    | 2.375 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 63.6 | 168        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 4    | 55     | 12     | 0.81      | -0.02     | 2.379 | 0.01      | 0.007     | 0         | 60.2 | 60.6 | 62.8 | 169        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 22  | 5    | 10     | 12     | 0.823     | -0.013    | 2.379 | 0.01      | 0.007     | 0         | 60.2 | 60.2 | 62.8 | 169        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 5    | 25     | 12     | 0.823     | -0.03     | 2.379 | 0.01      | 0.007     | 0         | 59.8 | 60.2 | 62.8 | 168        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 5    | 40     | 12     | 0.823     | 0         | 2.379 | 0.013     | 0.01      | 0         | 60.2 | 60.2 | 62.8 | 169        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 5    | 55     | 12     | 0.797     | -0.016    | 2.379 | 0.01      | 0.007     | 0         | 59.8 | 60.6 | 61.5 | 169        | 170        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 6    | 10     | 12     | 0.83      | -0.052    | 2.382 | 0.013     | 0.01      | 0         | 60.2 | 60.2 | 62.8 | 169        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 6    | 25     | 12     | 0.804     | -0.03     | 2.382 | 0.01      | 0.007     | 0         | 60.2 | 60.6 | 62.4 | 169        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 6    | 40     | 12     | 0.853     | -0.039    | 2.382 | 0.01      | 0.007     | 0         | 60.2 | 60.2 | 61.1 | 169        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 6    | 55     | 12     | 0.82      | -0.059    | 2.382 | 0.01      | 0.007     | 0         | 60.2 | 60.2 | 58.5 | 169        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 7    | 10     | 12     | 0.84      | -0.03     | 2.379 | 0.01      | 0.007     | 0         | 60.2 | 60.2 | 58.9 | 169        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 7    | 25     | 12     | 0.84      | -0.036    | 2.382 | 0.01      | 0.007     | 0         | 59.3 | 60.2 | 60.2 | 168        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 7    | 40     | 12     | 0.817     | -0.023    | 2.382 | 0.01      | 0.007     | 0         | 59.8 | 60.6 | 60.2 | 169        | 169        | 0          | 30     | 28     |
| 2009 | 6     | 22  | 7    | 55     | 12     | 0.833     | -0.039    | 2.379 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 58.5 | 168        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 8    | 10     | 12     | 0.814     | -0.02     | 2.379 | 0.016     | 0.013     | 0         | 60.2 | 60.2 | 55.9 | 169        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 8    | 25     | 12     | 0.781     | -0.036    | 2.379 | 0.01      | 0.007     | 0         | 60.2 | 60.6 | 53.8 | 169        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 8    | 40     | 12     | 0.787     | -0.03     | 2.379 | 0.01      | 0.007     | 0         | 60.2 | 60.2 | 56.8 | 169        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 8    | 55     | 12     | 0.781     | -0.052    | 2.375 | 0.01      | 0.007     | 0         | 59.3 | 60.6 | 55.9 | 168        | 169        | 0          | 30     | 28     |
| 2009 | 6     | 22  | 9    | 10     | 12     | 0.771     | -0.02     | 2.375 | 0.013     | 0.01      | 0         | 59.3 | 60.2 | 57.2 | 168        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 9    | 25     | 12     | 0.787     | -0.059    | 2.372 | 0.016     | 0.013     | 0         | 60.2 | 60.2 | 57.2 | 169        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 9    | 40     | 12     | 0.784     | -0.033    | 2.372 | 0.013     | 0.01      | 0         | 60.2 | 60.6 | 55.5 | 169        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 9    | 55     | 12     | 0.801     | -0.056    | 2.372 | 0.01      | 0.007     | 0         | 59.8 | 60.2 | 58.9 | 168        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 10   | 10     | 12     | 0.833     | -0.046    | 2.372 | 0.013     | 0.01      | 0         | 59.3 | 60.2 | 61.9 | 168        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 10   | 25     | 12     | 0.768     | -0.089    | 2.372 | 0.013     | 0.01      | 0         | 60.2 | 60.2 | 63.2 | 169        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 22  | 10   | 40     | 12     | 0.823     | -0.046    | 2.372 | 0.01      | 0.007     | 0         | 59.3 | 60.2 | 63.6 | 168        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 22  | 10   | 55     | 12     | 0.823     | -0.046    | 2.372 | 0.013     | 0.01      | 0         | 59.3 | 59.8 | 64.9 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 11   | 10     | 12     | 0.817     | -0.039    | 2.372 | 0.013     | 0.01      | 0         | 59.8 | 60.6 | 64.5 | 168        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 22  | 11   | 25     | 12     | 0.784     | -0.039    | 2.372 | 0.016     | 0.013     | 0         | 58.9 | 59.3 | 65.8 | 166        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 11   | 40     | 12     | 0.784     | -0.062    | 2.372 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 65.4 | 166        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 11   | 55     | 12     | 0.794     | -0.036    | 2.369 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 66.2 | 166        | 167        | 0          | 28     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 22  | 12   | 10     | 12     | 0.797     | -0.085    | 2.372 | 0.013     | 0.01      | 0         | 58.9 | 59.3 | 64.5 | 166        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 12   | 25     | 12     | 0.863     | -0.033    | 2.369 | 0.013     | 0.01      | 0         | 58.5 | 58.9 | 46   | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 12   | 40     | 12     | 0.883     | -0.03     | 2.369 | 0.01      | 0.007     | 0         | 58   | 58.9 | 41.3 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 12   | 55     | 12     | 0.82      | -0.016    | 2.372 | 0.01      | 0.007     | 0         | 58   | 58.9 | 44.3 | 165        | 167        | 0          | 30     | 30     |
| 2009 | 6     | 22  | 13   | 10     | 12     | 0.755     | -0.046    | 2.372 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 63.6 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 13   | 25     | 12     | 0.853     | -0.023    | 2.372 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 45.2 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 13   | 40     | 12     | 0.833     | -0.046    | 2.369 | 0.013     | 0.01      | 0         | 58.5 | 58.9 | 56.3 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 13   | 55     | 12     | 0.853     | -0.049    | 2.372 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 67.5 | 163        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 22  | 14   | 10     | 12     | 0.843     | -0.016    | 2.369 | 0.013     | 0.01      | 0         | 58   | 59.3 | 45.6 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 22  | 14   | 25     | 12     | 0.837     | -0.013    | 2.372 | 0.01      | 0.007     | 0         | 58   | 59.3 | 48.2 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 22  | 14   | 40     | 12     | 0.866     | -0.026    | 2.369 | 0.013     | 0.01      | 0         | 57.6 | 58.9 | 41.7 | 163        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 14   | 55     | 12     | 0.843     | -0.013    | 2.369 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 41.3 | 163        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 22  | 15   | 10     | 12     | 0.84      | -0.052    | 2.369 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 37.8 | 163        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 22  | 15   | 25     | 12     | 0.853     | -0.039    | 2.365 | 0.016     | 0.013     | 0         | 58   | 58.9 | 41.3 | 163        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 15   | 40     | 12     | 0.85      | -0.059    | 2.369 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 41.3 | 163        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 22  | 15   | 55     | 12     | 0.827     | -0.039    | 2.365 | 0.01      | 0.007     | 0         | 58   | 59.8 | 42.1 | 164        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 22  | 16   | 10     | 12     | 0.846     | -0.033    | 2.369 | 0.013     | 0.01      | 0         | 57.6 | 58.9 | 49.5 | 163        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 16   | 25     | 12     | 0.853     | -0.033    | 2.365 | 0.013     | 0.01      | 0         | 57.2 | 58.9 | 40   | 162        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 22  | 16   | 40     | 12     | 0.869     | -0.033    | 2.362 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 40   | 162        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 22  | 16   | 55     | 12     | 0.823     | -0.043    | 2.362 | 0.013     | 0.01      | 0         | 57.6 | 58.9 | 40.9 | 162        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 22  | 17   | 10     | 12     | 0.833     | -0.039    | 2.362 | 0.01      | 0.007     | 0         | 57.6 | 58.5 | 40.4 | 162        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 17   | 25     | 12     | 0.84      | -0.043    | 2.362 | 0.013     | 0.01      | 0         | 56.8 | 58.5 | 40.4 | 161        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 22  | 17   | 40     | 12     | 0.837     | -0.033    | 2.359 | 0.016     | 0.013     | 0         | 56.8 | 58.5 | 42.6 | 161        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 22  | 17   | 55     | 12     | 0.84      | -0.033    | 2.359 | 0.013     | 0.01      | 0         | 57.6 | 58.5 | 38.7 | 162        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 22  | 18   | 10     | 12     | 0.84      | -0.02     | 2.362 | 0.01      | 0.007     | 0         | 57.2 | 58.5 | 40.9 | 162        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 22  | 18   | 25     | 12     | 0.85      | -0.023    | 2.359 | 0.01      | 0.007     | 0         | 57.2 | 58.5 | 47.7 | 162        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 22  | 18   | 40     | 12     | 0.843     | -0.033    | 2.356 | 0.013     | 0.01      | 0         | 57.6 | 58.9 | 41.3 | 162        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 22  | 18   | 55     | 12     | 0.787     | -0.026    | 2.359 | 0.013     | 0.01      | 0         | 57.6 | 58.9 | 54.6 | 162        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 22  | 19   | 10     | 12     | 0.873     | -0.043    | 2.356 | 0.01      | 0.007     | 0         | 57.2 | 58.5 | 40.4 | 161        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 22  | 19   | 25     | 12     | 0.837     | -0.049    | 2.356 | 0.013     | 0.01      | 0         | 57.6 | 58.5 | 46   | 162        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 19   | 40     | 12     | 0.84      | -0.02     | 2.359 | 0.016     | 0.013     | 0         | 57.6 | 59.3 | 54.2 | 162        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 22  | 19   | 55     | 12     | 0.814     | -0.036    | 2.362 | 0.013     | 0.01      | 0         | 57.2 | 58.9 | 64.9 | 162        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 22  | 20   | 10     | 12     | 0.814     | -0.033    | 2.362 | 0.016     | 0.013     | 0         | 58   | 58.9 | 64.5 | 163        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 20   | 25     | 12     | 0.817     | -0.066    | 2.362 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 64.9 | 163        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 22  | 20   | 40     | 12     | 0.843     | -0.046    | 2.362 | 0.013     | 0.01      | 0         | 58   | 58.5 | 65.4 | 163        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 20   | 55     | 12     | 0.84      | -0.013    | 2.359 | 0.016     | 0.013     | 0         | 57.6 | 59.3 | 64.5 | 163        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 22  | 21   | 10     | 12     | 0.801     | -0.033    | 2.359 | 0.016     | 0.013     | 0         | 58   | 59.3 | 64.5 | 163        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 22  | 21   | 25     | 12     | 0.827     | -0.016    | 2.362 | 0.01      | 0.007     | 0         | 58   | 59.8 | 64.1 | 164        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 22  | 21   | 40     | 12     | 0.801     | -0.023    | 2.359 | 0.013     | 0.01      | 0         | 57.6 | 59.3 | 64.9 | 163        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 22  | 21   | 55     | 12     | 0.827     | -0.033    | 2.359 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 64.5 | 163        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 22   | 10     | 12     | 0.801     | -0.033    | 2.359 | 0.013     | 0.01      | 0         | 57.6 | 58.9 | 64.9 | 163        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 22   | 25     | 12     | 0.837     | -0.016    | 2.359 | 0.01      | 0.007     | 0         | 57.2 | 58.5 | 64.5 | 162        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 22   | 40     | 12     | 0.823     | -0.036    | 2.359 | 0.01      | 0.007     | 0         | 58   | 59.3 | 65.4 | 163        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 22  | 22   | 55     | 12     | 0.82      | -0.013    | 2.359 | 0.013     | 0.01      | 0         | 57.6 | 58.5 | 64.9 | 162        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 22  | 23   | 10     | 12     | 0.778     | -0.03     | 2.359 | 0.01      | 0.007     | 0         | 57.6 | 56.3 | 65.8 | 163        | 160        | 0          | 29     | 29     |
| 2009 | 6     | 22  | 23   | 25     | 12     | 0.817     | -0.085    | 2.359 | 0.013     | 0.01      | 0         | 53.8 | 58.9 | 65.8 | 153        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 22  | 23   | 40     | 12     | 0.833     | -0.036    | 2.356 | 0.013     | 0.01      | 0         | 57.6 | 58.9 | 64.9 | 163        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 22  | 23   | 55     | 12     | 0.801     | -0.052    | 2.359 | 0.01      | 0.007     | 0         | 58.9 | 57.6 | 64.5 | 165        | 162        | 0          | 28     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 23  | 0    | 10     | 12     | 0.82      | -0.033    | 2.359 | 0.013     | 0.01      | 0         | 58.5 | 59.3 | 64.5 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 0    | 25     | 12     | 0.83      | -0.023    | 2.359 | 0.01      | 0.007     | 0         | 58   | 58.9 | 64.9 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 0    | 40     | 12     | 0.84      | -0.016    | 2.359 | 0.01      | 0.007     | 0         | 58   | 59.3 | 65.4 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 23  | 0    | 55     | 12     | 0.86      | -0.02     | 2.359 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 64.1 | 164        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 23  | 1    | 10     | 12     | 0.827     | -0.02     | 2.359 | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 64.9 | 164        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 1    | 25     | 12     | 0.801     | -0.062    | 2.359 | 0.013     | 0.01      | 0         | 58.5 | 59.8 | 65.4 | 165        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 23  | 1    | 40     | 12     | 0.82      | -0.043    | 2.359 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 65.4 | 164        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 1    | 55     | 12     | 0.827     | -0.033    | 2.359 | 0.01      | 0.007     | 0         | 58   | 58.9 | 65.4 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 2    | 10     | 12     | 0.794     | -0.026    | 2.356 | 0.01      | 0.007     | 0         | 58   | 59.3 | 65.4 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 2    | 25     | 12     | 0.801     | -0.062    | 2.356 | 0.01      | 0.007     | 0         | 58.5 | 59.8 | 64.9 | 165        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 23  | 2    | 40     | 12     | 0.863     | -0.033    | 2.356 | 0.013     | 0.01      | 0         | 58   | 58.9 | 65.4 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 2    | 55     | 12     | 0.817     | -0.02     | 2.356 | 0.013     | 0.01      | 0         | 58   | 59.3 | 65.4 | 165        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 3    | 10     | 12     | 0.837     | -0.026    | 2.356 | 0.013     | 0.01      | 0         | 58.5 | 59.8 | 65.8 | 165        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 23  | 3    | 25     | 12     | 0.827     | -0.016    | 2.356 | 0.01      | 0.007     | 0         | 58.5 | 59.8 | 65.8 | 165        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 3    | 40     | 12     | 0.84      | -0.039    | 2.356 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 65.4 | 164        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 3    | 55     | 12     | 0.807     | -0.056    | 2.356 | 0.01      | 0.007     | 0         | 58   | 59.3 | 66.2 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 4    | 10     | 12     | 0.827     | -0.03     | 2.356 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 65.8 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 4    | 25     | 12     | 0.843     | -0.036    | 2.356 | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 65.8 | 165        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 4    | 40     | 12     | 0.797     | -0.03     | 2.356 | 0.013     | 0.01      | 0         | 58.5 | 59.8 | 65.8 | 165        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 4    | 55     | 12     | 0.814     | -0.02     | 2.356 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 65.8 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 5    | 10     | 12     | 0.801     | -0.03     | 2.359 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 50.3 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 5    | 25     | 12     | 0.827     | -0.062    | 2.356 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 65.8 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 5    | 40     | 12     | 0.807     | -0.007    | 2.356 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 64.9 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 5    | 55     | 12     | 0.804     | -0.016    | 2.356 | 0.01      | 0.007     | 0         | 59.3 | 60.6 | 65.8 | 167        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 23  | 6    | 10     | 12     | 0.807     | -0.036    | 2.356 | 0.01      | 0.007     | 0         | 59.3 | 60.2 | 65.8 | 167        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 6    | 25     | 12     | 0.82      | -0.023    | 2.356 | 0.01      | 0.007     | 0         | 58.9 | 60.6 | 65.8 | 167        | 169        | 0          | 30     | 28     |
| 2009 | 6     | 23  | 6    | 40     | 12     | 0.804     | -0.026    | 2.356 | 0.01      | 0.007     | 0         | 59.3 | 60.2 | 65.8 | 167        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 6    | 55     | 12     | 0.83      | -0.043    | 2.356 | 0.013     | 0.01      | 0         | 58.9 | 60.2 | 66.7 | 166        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 23  | 7    | 10     | 12     | 0.82      | -0.046    | 2.356 | 0.013     | 0.01      | 0         | 58.9 | 60.6 | 65.8 | 167        | 169        | 0          | 30     | 28     |
| 2009 | 6     | 23  | 7    | 25     | 12     | 0.781     | -0.036    | 2.352 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 64.9 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 7    | 40     | 12     | 0.784     | -0.056    | 2.352 | 0.013     | 0.01      | 0         | 58.9 | 59.8 | 62.4 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 7    | 55     | 12     | 0.804     | 0         | 2.352 | 0.013     | 0.01      | 0         | 58.9 | 59.8 | 63.2 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 8    | 10     | 12     | 0.755     | -0.03     | 2.352 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 64.5 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 8    | 25     | 12     | 0.801     | -0.023    | 2.352 | 0.01      | 0.007     | 0         | 59.8 | 60.2 | 62.8 | 168        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 8    | 40     | 12     | 0.823     | -0.03     | 2.352 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 63.6 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 8    | 55     | 12     | 0.787     | -0.007    | 2.352 | 0.016     | 0.016     | 0         | 58.9 | 59.8 | 64.1 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 9    | 10     | 12     | 0.781     | -0.02     | 2.352 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 64.1 | 166        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 9    | 25     | 12     | 0.823     | -0.052    | 2.352 | 0.01      | 0.007     | 0         | 58.5 | 59.8 | 64.5 | 166        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 9    | 40     | 12     | 0.81      | -0.046    | 2.352 | 0.01      | 0.007     | 0         | 58.5 | 59.8 | 64.5 | 166        | 167        | 0          | 30     | 28     |
| 2009 | 6     | 23  | 9    | 55     | 12     | 0.801     | -0.039    | 2.352 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 64.9 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 10   | 10     | 12     | 0.827     | -0.013    | 2.349 | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 64.1 | 166        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 10   | 25     | 12     | 0.781     | -0.062    | 2.349 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 64.5 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 10   | 40     | 12     | 0.768     | -0.049    | 2.349 | 0.013     | 0.01      | 0         | 58.5 | 59.3 | 64.9 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 10   | 55     | 12     | 0.791     | -0.049    | 2.349 | 0.013     | 0.01      | 0         | 58.9 | 60.2 | 64.5 | 166        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 23  | 11   | 10     | 12     | 0.817     | -0.062    | 2.349 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 64.5 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 11   | 25     | 12     | 0.804     | -0.043    | 2.346 | 0.016     | 0.013     | 0         | 58.5 | 60.2 | 63.6 | 165        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 23  | 11   | 40     | 12     | 0.81      | -0.056    | 2.339 | 0.013     | 0.01      | 0         | 58   | 58.9 | 44.3 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 11   | 55     | 12     | 0.804     | -0.069    | 2.343 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 41.3 | 163        | 167        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 23  | 12   | 10     | 12     | 0.817     | -0.033    | 2.339 | 0.013     | 0.01      | 0         | 58   | 59.3 | 60.2 | 165        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 23  | 12   | 25     | 12     | 0.827     | -0.036    | 2.339 | 0.013     | 0.01      | 0         | 58.5 | 59.3 | 40.9 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 12   | 40     | 12     | 0.801     | -0.02     | 2.339 | 0.013     | 0.01      | 0         | 58.5 | 59.3 | 62.8 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 12   | 55     | 12     | 0.801     | -0.049    | 2.336 | 0.01      | 0.007     | 0         | 58   | 58.9 | 44.7 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 13   | 10     | 12     | 0.833     | -0.059    | 2.336 | 0.013     | 0.01      | 0         | 58   | 59.3 | 42.6 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 23  | 13   | 25     | 12     | 0.837     | -0.033    | 2.336 | 0.01      | 0.007     | 0         | 58   | 59.3 | 49.9 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 23  | 13   | 40     | 12     | 0.84      | -0.062    | 2.339 | 0.01      | 0.007     | 0         | 58   | 58.9 | 42.6 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 13   | 55     | 12     | 0.837     | -0.039    | 2.339 | 0.01      | 0.007     | 0         | 58   | 59.3 | 43.4 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 23  | 14   | 10     | 12     | 0.817     | -0.036    | 2.339 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 40.9 | 164        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 14   | 25     | 12     | 0.814     | -0.016    | 2.339 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 43.4 | 165        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 23  | 14   | 40     | 12     | 0.82      | -0.03     | 2.336 | 0.01      | 0.007     | 0         | 58   | 58.9 | 46.9 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 14   | 55     | 12     | 0.83      | -0.036    | 2.339 | 0.01      | 0.007     | 0         | 58   | 59.3 | 43.4 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 23  | 15   | 10     | 12     | 0.863     | -0.026    | 2.336 | 0.01      | 0.007     | 0         | 58   | 59.3 | 42.6 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 23  | 15   | 25     | 12     | 0.843     | -0.023    | 2.339 | 0.016     | 0.013     | 0         | 58.5 | 58.9 | 44.3 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 15   | 40     | 12     | 0.86      | -0.049    | 2.336 | 0.013     | 0.01      | 0         | 57.6 | 58.5 | 38.7 | 163        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 15   | 55     | 12     | 0.85      | -0.069    | 2.336 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 40   | 163        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 23  | 16   | 10     | 12     | 0.84      | -0.026    | 2.336 | 0.013     | 0.01      | 0         | 58   | 59.3 | 42.6 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 23  | 16   | 25     | 12     | 0.85      | -0.039    | 2.336 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 40.9 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 16   | 40     | 12     | 0.827     | -0.033    | 2.336 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 42.6 | 164        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 23  | 16   | 55     | 12     | 0.823     | -0.02     | 2.336 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 43.9 | 164        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 23  | 17   | 10     | 12     | 0.817     | -0.033    | 2.333 | 0.016     | 0.013     | 0         | 58   | 58.9 | 40   | 163        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 23  | 17   | 25     | 12     | 0.81      | -0.023    | 2.333 | 0.013     | 0.01      | 0         | 57.6 | 58.5 | 42.1 | 163        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 17   | 40     | 12     | 0.823     | -0.033    | 2.333 | 0.013     | 0.01      | 0         | 58   | 59.3 | 40.4 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 23  | 17   | 55     | 12     | 0.82      | -0.03     | 2.333 | 0.01      | 0.007     | 0         | 58   | 58.9 | 42.1 | 163        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 23  | 18   | 10     | 12     | 0.843     | -0.023    | 2.333 | 0.01      | 0.007     | 0         | 57.6 | 58.5 | 44.3 | 163        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 23  | 18   | 25     | 12     | 0.827     | -0.023    | 2.333 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 43   | 163        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 23  | 18   | 40     | 12     | 0.814     | -0.036    | 2.333 | 0.013     | 0.01      | 0         | 58   | 58.9 | 42.1 | 163        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 23  | 18   | 55     | 12     | 0.807     | -0.062    | 2.333 | 0.013     | 0.01      | 0         | 57.6 | 58.5 | 41.3 | 163        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 19   | 10     | 12     | 0.82      | -0.039    | 2.333 | 0.01      | 0.007     | 0         | 58   | 58.9 | 41.3 | 163        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 23  | 19   | 25     | 12     | 0.82      | -0.01     | 2.333 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 42.1 | 163        | 165        | 0          | 29     | 27     |
| 2009 | 6     | 23  | 19   | 40     | 12     | 0.817     | -0.03     | 2.329 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 40.9 | 163        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 23  | 19   | 55     | 12     | 0.791     | -0.043    | 2.329 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 42.1 | 163        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 23  | 20   | 10     | 12     | 0.817     | -0.033    | 2.333 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 42.6 | 163        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 23  | 20   | 25     | 12     | 0.817     | -0.056    | 2.333 | 0.013     | 0.01      | 0         | 57.6 | 58.9 | 46.9 | 163        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 23  | 20   | 40     | 12     | 0.807     | -0.043    | 2.333 | 0.01      | 0.007     | 0         | 58   | 58.9 | 56.8 | 164        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 23  | 20   | 55     | 12     | 0.837     | -0.046    | 2.333 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 50.3 | 164        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 23  | 21   | 10     | 12     | 0.823     | -0.043    | 2.329 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 43.4 | 164        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 23  | 21   | 25     | 12     | 0.797     | -0.036    | 2.329 | 0.013     | 0.01      | 0         | 58   | 58.9 | 45.2 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 21   | 40     | 12     | 0.801     | 0         | 2.329 | 0.01      | 0.007     | 0         | 58   | 59.3 | 43   | 165        | 166        | 0          | 30     | 28     |
| 2009 | 6     | 23  | 21   | 55     | 12     | 0.817     | -0.03     | 2.329 | 0.01      | 0.007     | 0         | 58   | 58.9 | 46.9 | 164        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 23  | 22   | 10     | 12     | 0.817     | -0.039    | 2.329 | 0.013     | 0.01      | 0         | 58   | 58.9 | 53.8 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 23  | 22   | 25     | 12     | 0.771     | 0         | 2.333 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 67.5 | 163        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 23  | 22   | 40     | 12     | 0.804     | -0.033    | 2.333 | 0.013     | 0.01      | 0         | 59.3 | 58.9 | 67.5 | 166        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 22   | 55     | 12     | 0.814     | -0.043    | 2.333 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 67.5 | 166        | 166        | 0          | 30     | 28     |
| 2009 | 6     | 23  | 23   | 10     | 12     | 0.774     | -0.043    | 2.329 | 0.013     | 0.01      | 0         | 59.3 | 58.9 | 67.5 | 166        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 23  | 23   | 25     | 12     | 0.817     | -0.016    | 2.329 | 0.013     | 0.01      | 0         | 58.9 | 59.3 | 67.5 | 166        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 23  | 23   | 40     | 12     | 0.784     | -0.033    | 2.329 | 0.013     | 0.01      | 0         | 58.9 | 59.3 | 67.1 | 166        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 23  | 23   | 55     | 12     | 0.814     | -0.033    | 2.329 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 67.5 | 166        | 166        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 24  | 0    | 10     | 12     | 0.787     | 0         | 2.329 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 67.1 | 167        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 0    | 25     | 12     | 0.758     | -0.026    | 2.329 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 67.1 | 163        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 0    | 40     | 12     | 0.794     | -0.023    | 2.329 | 0.01      | 0.007     | 0         | 60.2 | 59.8 | 67.5 | 169        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 0    | 55     | 12     | 0.801     | -0.02     | 2.329 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 67.5 | 168        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 1    | 10     | 12     | 0.807     | -0.036    | 2.329 | 0.013     | 0.01      | 0         | 59.8 | 58.9 | 67.5 | 167        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 1    | 25     | 12     | 0.81      | -0.016    | 2.329 | 0.013     | 0.01      | 0         | 59.8 | 59.3 | 67.5 | 168        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 1    | 40     | 12     | 0.801     | -0.043    | 2.329 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 67.5 | 167        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 1    | 55     | 12     | 0.823     | -0.046    | 2.329 | 0.013     | 0.01      | 0         | 59.3 | 59.3 | 67.5 | 167        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 2    | 10     | 12     | 0.837     | -0.046    | 2.329 | 0.013     | 0.01      | 0         | 59.3 | 59.3 | 67.5 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 2    | 25     | 12     | 0.814     | -0.033    | 2.326 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 67.5 | 167        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 2    | 40     | 12     | 0.794     | -0.016    | 2.326 | 0.013     | 0.01      | 0         | 59.3 | 59.8 | 67.5 | 167        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 2    | 55     | 12     | 0.85      | -0.056    | 2.326 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 67.5 | 167        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 3    | 10     | 12     | 0.817     | -0.033    | 2.326 | 0.01      | 0.007     | 0         | 60.2 | 59.8 | 67.1 | 169        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 3    | 25     | 12     | 0.797     | -0.03     | 2.326 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 67.1 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 3    | 40     | 12     | 0.784     | -0.03     | 2.326 | 0.013     | 0.01      | 0         | 59.8 | 60.2 | 67.1 | 168        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 3    | 55     | 12     | 0.774     | -0.033    | 2.326 | 0.01      | 0.007     | 0         | 59.3 | 60.2 | 67.1 | 167        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 4    | 10     | 12     | 0.817     | -0.046    | 2.326 | 0.013     | 0.01      | 0         | 58.9 | 59.8 | 66.7 | 166        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 4    | 25     | 12     | 0.797     | -0.02     | 2.323 | 0.013     | 0.01      | 0         | 59.8 | 59.3 | 67.1 | 167        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 4    | 40     | 12     | 0.83      | -0.013    | 2.323 | 0.016     | 0.013     | 0         | 58.9 | 59.8 | 66.7 | 166        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 4    | 55     | 12     | 0.823     | -0.033    | 2.323 | 0.016     | 0.013     | 0         | 60.2 | 60.6 | 66.2 | 169        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 5    | 10     | 12     | 0.794     | -0.046    | 2.323 | 0.013     | 0.01      | 0         | 59.3 | 59.8 | 66.7 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 5    | 25     | 12     | 0.794     | -0.03     | 2.323 | 0.01      | 0.007     | 0         | 60.2 | 60.2 | 62.4 | 169        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 5    | 40     | 12     | 0.794     | -0.023    | 2.323 | 0.01      | 0.007     | 0         | 59.8 | 59.8 | 65.8 | 168        | 169        | 0          | 29     | 30     |
| 2009 | 6     | 24  | 5    | 55     | 12     | 0.791     | -0.075    | 2.32  | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 66.7 | 168        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 6    | 10     | 12     | 0.801     | -0.056    | 2.323 | 0.016     | 0.013     | 0         | 59.3 | 59.8 | 66.2 | 168        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 6    | 25     | 12     | 0.801     | -0.007    | 2.323 | 0.013     | 0.01      | 0         | 59.8 | 60.2 | 66.7 | 168        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 6    | 40     | 12     | 0.797     | -0.026    | 2.32  | 0.01      | 0.007     | 0         | 59.3 | 60.2 | 66.2 | 167        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 6    | 55     | 12     | 0.784     | -0.049    | 2.32  | 0.01      | 0.007     | 0         | 59.3 | 60.2 | 66.7 | 168        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 7    | 10     | 12     | 0.797     | -0.069    | 2.32  | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 66.7 | 167        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 7    | 25     | 12     | 0.787     | -0.052    | 2.32  | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 66.2 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 7    | 40     | 12     | 0.784     | -0.043    | 2.32  | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 66.2 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 7    | 55     | 12     | 0.797     | -0.026    | 2.32  | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 66.2 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 8    | 10     | 12     | 0.784     | -0.079    | 2.323 | 0.01      | 0.007     | 0         | 59.8 | 60.2 | 65.8 | 168        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 8    | 25     | 12     | 0.781     | -0.043    | 2.323 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 66.7 | 167        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 8    | 40     | 12     | 0.741     | -0.066    | 2.323 | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 66.2 | 168        | 168        | 0          | 29     | 30     |
| 2009 | 6     | 24  | 8    | 55     | 12     | 0.748     | -0.069    | 2.323 | 0.01      | 0.007     | 0         | 59.3 | 59.8 | 64.5 | 167        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 9    | 10     | 12     | 0.787     | -0.072    | 2.323 | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 66.7 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 9    | 25     | 12     | 0.784     | -0.049    | 2.323 | 0.013     | 0.01      | 0         | 58.5 | 59.3 | 66.7 | 166        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 9    | 40     | 12     | 0.751     | -0.03     | 2.323 | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 66.7 | 166        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 9    | 55     | 12     | 0.797     | -0.036    | 2.323 | 0.013     | 0.01      | 0         | 59.3 | 59.3 | 66.7 | 167        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 10   | 10     | 12     | 0.778     | -0.033    | 2.323 | 0.013     | 0.01      | 0         | 58.9 | 59.3 | 66.7 | 166        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 10   | 25     | 12     | 0.774     | -0.062    | 2.323 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 67.1 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 10   | 40     | 12     | 0.804     | -0.049    | 2.323 | 0.013     | 0.01      | 0         | 58   | 58.9 | 66.7 | 165        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 10   | 55     | 12     | 0.814     | -0.046    | 2.323 | 0.013     | 0.01      | 0         | 58.5 | 58.9 | 48.2 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 11   | 10     | 12     | 0.823     | -0.062    | 2.323 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 41.3 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 11   | 25     | 12     | 0.83      | -0.102    | 2.323 | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 40.9 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 11   | 40     | 12     | 0.801     | -0.039    | 2.323 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 40   | 166        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 11   | 55     | 12     | 0.83      | -0.046    | 2.323 | 0.016     | 0.013     | 0         | 58   | 58.9 | 39.1 | 164        | 166        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 24  | 12   | 10     | 12     | 0.843     | -0.075    | 2.323 | 0.013     | 0.01      | 0         | 57.6 | 58.9 | 39.1 | 164        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 12   | 25     | 12     | 0.843     | -0.039    | 2.323 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 40.9 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 12   | 40     | 12     | 0.823     | -0.016    | 2.32  | 0.01      | 0.007     | 0         | 58   | 58.9 | 40.9 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 12   | 55     | 12     | 0.833     | -0.036    | 2.323 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 43.9 | 165        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 13   | 10     | 12     | 0.843     | -0.059    | 2.32  | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 40   | 165        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 13   | 25     | 12     | 0.823     | -0.049    | 2.323 | 0.013     | 0.01      | 0         | 58.9 | 59.3 | 39.6 | 166        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 13   | 40     | 12     | 0.837     | -0.046    | 2.32  | 0.013     | 0.01      | 0         | 58.5 | 58.9 | 41.3 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 13   | 55     | 12     | 0.856     | -0.039    | 2.32  | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 40   | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 14   | 10     | 12     | 0.823     | -0.016    | 2.323 | 0.013     | 0.01      | 0         | 58.5 | 58.9 | 42.1 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 14   | 25     | 12     | 0.83      | -0.039    | 2.32  | 0.01      | 0.007     | 0         | 58   | 58.9 | 39.6 | 164        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 14   | 40     | 12     | 0.833     | -0.052    | 2.32  | 0.01      | 0.007     | 0         | 58.9 | 59.8 | 40.4 | 165        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 24  | 14   | 55     | 12     | 0.814     | -0.049    | 2.32  | 0.01      | 0.007     | 0         | 58.9 | 59.3 | 37.8 | 166        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 15   | 10     | 12     | 0.83      | -0.046    | 2.316 | 0.013     | 0.01      | 0         | 58   | 58.9 | 40.4 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 15   | 25     | 12     | 0.801     | -0.039    | 2.316 | 0.01      | 0.007     | 0         | 58   | 58.9 | 37.8 | 164        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 15   | 40     | 12     | 0.82      | -0.016    | 2.316 | 0.01      | 0.007     | 0         | 58   | 59.3 | 41.3 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 15   | 55     | 12     | 0.823     | -0.052    | 2.316 | 0.01      | 0.007     | 0         | 58   | 58.9 | 41.7 | 164        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 16   | 10     | 12     | 0.804     | 0         | 2.316 | 0.01      | 0.007     | 0         | 58.9 | 58.9 | 41.3 | 165        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 16   | 25     | 12     | 0.83      | -0.059    | 2.316 | 0.01      | 0.007     | 0         | 58   | 58.9 | 38.7 | 164        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 16   | 40     | 12     | 0.833     | -0.039    | 2.313 | 0.01      | 0.007     | 0         | 58   | 58.9 | 40   | 164        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 16   | 55     | 12     | 0.801     | -0.049    | 2.313 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 42.6 | 165        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 17   | 10     | 12     | 0.827     | -0.016    | 2.313 | 0.013     | 0.01      | 0         | 58   | 58.5 | 39.1 | 164        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 17   | 25     | 12     | 0.827     | -0.007    | 2.313 | 0.013     | 0.01      | 0         | 58   | 58.5 | 39.6 | 164        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 17   | 40     | 12     | 0.81      | -0.039    | 2.313 | 0.01      | 0.007     | 0         | 57.2 | 58   | 37.8 | 163        | 164        | 0          | 30     | 29     |
| 2009 | 6     | 24  | 17   | 55     | 12     | 0.801     | -0.039    | 2.313 | 0.01      | 0.007     | 0         | 57.6 | 58.5 | 38.7 | 163        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 18   | 10     | 12     | 0.797     | -0.02     | 2.31  | 0.013     | 0.01      | 0         | 58   | 58.9 | 40   | 164        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 18   | 25     | 12     | 0.791     | 0         | 2.31  | 0.01      | 0.007     | 0         | 58   | 58.9 | 37   | 163        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 24  | 18   | 40     | 12     | 0.791     | -0.03     | 2.306 | 0.01      | 0.007     | 0         | 58.5 | 59.8 | 41.3 | 165        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 18   | 55     | 12     | 0.827     | -0.033    | 2.306 | 0.016     | 0.013     | 0         | 58   | 58.5 | 41.3 | 163        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 24  | 19   | 10     | 12     | 0.833     | -0.056    | 2.306 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 39.6 | 163        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 19   | 25     | 12     | 0.82      | -0.033    | 2.306 | 0.013     | 0.01      | 0         | 58   | 58.9 | 37.8 | 164        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 19   | 40     | 12     | 0.817     | -0.046    | 2.306 | 0.016     | 0.013     | 0         | 58   | 58.9 | 42.6 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 19   | 55     | 12     | 0.781     | -0.036    | 2.306 | 0.016     | 0.013     | 0         | 58.9 | 58.9 | 64.5 | 165        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 20   | 10     | 12     | 0.787     | -0.023    | 2.303 | 0.01      | 0.007     | 0         | 58   | 59.3 | 65.4 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 20   | 25     | 12     | 0.827     | -0.023    | 2.303 | 0.013     | 0.01      | 0         | 58   | 59.3 | 65.4 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 20   | 40     | 12     | 0.81      | -0.023    | 2.303 | 0.013     | 0.01      | 0         | 58   | 59.3 | 65.4 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 20   | 55     | 12     | 0.81      | -0.056    | 2.303 | 0.01      | 0.007     | 0         | 58   | 58.5 | 65.8 | 164        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 21   | 10     | 12     | 0.807     | -0.046    | 2.303 | 0.013     | 0.01      | 0         | 58   | 58.9 | 65.8 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 21   | 25     | 12     | 0.817     | 0         | 2.303 | 0.013     | 0.01      | 0         | 57.6 | 58.9 | 65.8 | 163        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 21   | 40     | 12     | 0.81      | -0.03     | 2.303 | 0.013     | 0.01      | 0         | 57.6 | 58.5 | 65.8 | 163        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 21   | 55     | 12     | 0.817     | -0.033    | 2.303 | 0.01      | 0.007     | 0         | 58   | 58.9 | 66.2 | 163        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 24  | 22   | 10     | 12     | 0.817     | -0.033    | 2.303 | 0.01      | 0.007     | 0         | 58   | 59.3 | 65.8 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 22   | 25     | 12     | 0.814     | -0.039    | 2.3   | 0.013     | 0.01      | 0         | 58   | 58.9 | 66.2 | 164        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 22   | 40     | 12     | 0.801     | -0.033    | 2.3   | 0.01      | 0.007     | 0         | 58   | 58.5 | 66.2 | 163        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 22   | 55     | 12     | 0.791     | -0.026    | 2.3   | 0.016     | 0.013     | 0         | 57.6 | 58.9 | 66.2 | 163        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 23   | 10     | 12     | 0.807     | -0.033    | 2.3   | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 66.2 | 164        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 24  | 23   | 25     | 12     | 0.784     | -0.036    | 2.3   | 0.013     | 0.01      | 0         | 58   | 58.9 | 66.2 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 24  | 23   | 40     | 12     | 0.787     | -0.03     | 2.3   | 0.01      | 0.007     | 0         | 58   | 59.3 | 65.8 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 24  | 23   | 55     | 12     | 0.787     | -0.046    | 2.3   | 0.013     | 0.01      | 0         | 58   | 59.3 | 65.4 | 164        | 166        | 0          | 29     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 25  | 0    | 10     | 12     | 0.794     | -0.016    | 2.3   | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 65.8 | 165        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 0    | 25     | 12     | 0.807     | -0.033    | 2.3   | 0.01      | 0.007     | 0         | 58   | 58.9 | 65.4 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 0    | 40     | 12     | 0.784     | -0.026    | 2.297 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 66.2 | 164        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 25  | 0    | 55     | 12     | 0.833     | -0.026    | 2.297 | 0.013     | 0.01      | 0         | 57.2 | 58.9 | 65.8 | 162        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 1    | 10     | 12     | 0.774     | 0         | 2.297 | 0.016     | 0.013     | 0         | 58.5 | 59.8 | 66.2 | 165        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 1    | 25     | 12     | 0.83      | -0.039    | 2.297 | 0.01      | 0.007     | 0         | 58   | 59.3 | 66.7 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 1    | 40     | 12     | 0.804     | -0.046    | 2.297 | 0.013     | 0.01      | 0         | 58.5 | 58.9 | 65.8 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 1    | 55     | 12     | 0.787     | -0.043    | 2.297 | 0.013     | 0.01      | 0         | 58.5 | 58.9 | 65.8 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 2    | 10     | 12     | 0.781     | -0.03     | 2.297 | 0.01      | 0.007     | 0         | 58.9 | 60.2 | 65.4 | 166        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 2    | 25     | 12     | 0.784     | -0.01     | 2.297 | 0.013     | 0.01      | 0         | 58.9 | 59.3 | 65.8 | 165        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 2    | 40     | 12     | 0.787     | -0.056    | 2.297 | 0.013     | 0.01      | 0         | 58.5 | 59.8 | 65.8 | 165        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 2    | 55     | 12     | 0.817     | -0.052    | 2.297 | 0.016     | 0.013     | 0         | 58   | 59.3 | 65.4 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 3    | 10     | 12     | 0.797     | -0.049    | 2.297 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 64.9 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 3    | 25     | 12     | 0.83      | -0.046    | 2.297 | 0.01      | 0.007     | 0         | 58.5 | 58.9 | 64.9 | 165        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 3    | 40     | 12     | 0.83      | -0.039    | 2.297 | 0.01      | 0.007     | 0         | 58   | 59.3 | 65.4 | 165        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 3    | 55     | 12     | 0.823     | -0.039    | 2.297 | 0.016     | 0.013     | 0         | 58.5 | 59.3 | 65.4 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 4    | 10     | 12     | 0.804     | -0.026    | 2.297 | 0.01      | 0.007     | 0         | 58.5 | 58.5 | 65.4 | 165        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 4    | 25     | 12     | 0.807     | -0.039    | 2.297 | 0.016     | 0.013     | 0         | 58.5 | 59.3 | 64.9 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 4    | 40     | 12     | 0.833     | -0.039    | 2.297 | 0.01      | 0.007     | 0         | 58   | 59.3 | 64.5 | 165        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 4    | 55     | 12     | 0.794     | -0.03     | 2.297 | 0.01      | 0.007     | 0         | 58.9 | 60.2 | 64.5 | 166        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 5    | 10     | 12     | 0.81      | -0.016    | 2.3   | 0.016     | 0.013     | 0         | 58.5 | 51.2 | 65.8 | 165        | 148        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 5    | 25     | 12     | 0.791     | -0.033    | 2.297 | 0.013     | 0.01      | 0         | 59.3 | 61.1 | 62.4 | 167        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 5    | 40     | 12     | 0.814     | -0.003    | 2.297 | 0.013     | 0.01      | 0         | 58.5 | 60.2 | 63.6 | 165        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 5    | 55     | 12     | 0.804     | -0.026    | 2.297 | 0.013     | 0.01      | 0         | 58.9 | 60.6 | 63.6 | 166        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 6    | 10     | 12     | 0.814     | -0.043    | 2.297 | 0.01      | 0.007     | 0         | 58.5 | 61.1 | 62.8 | 166        | 170        | 0          | 30     | 28     |
| 2009 | 6     | 25  | 6    | 25     | 12     | 0.804     | -0.052    | 2.3   | 0.013     | 0.01      | 0         | 58.9 | 60.6 | 63.2 | 166        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 6    | 40     | 12     | 0.784     | -0.023    | 2.3   | 0.013     | 0.01      | 0         | 58.9 | 61.1 | 62.4 | 166        | 170        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 6    | 55     | 12     | 0.784     | -0.039    | 2.303 | 0.01      | 0.007     | 0         | 58.9 | 60.6 | 63.6 | 166        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 7    | 10     | 12     | 0.781     | -0.043    | 2.306 | 0.016     | 0.013     | 0         | 58.5 | 60.6 | 62.8 | 166        | 170        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 7    | 25     | 12     | 0.797     | -0.02     | 2.306 | 0.01      | 0.007     | 0         | 58.9 | 60.6 | 62.8 | 166        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 7    | 40     | 12     | 0.791     | -0.03     | 2.306 | 0.01      | 0.007     | 0         | 59.3 | 61.1 | 62.8 | 167        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 7    | 55     | 12     | 0.81      | -0.023    | 2.306 | 0.01      | 0.007     | 0         | 58.9 | 60.6 | 63.6 | 166        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 8    | 10     | 12     | 0.755     | -0.043    | 2.306 | 0.013     | 0.01      | 0         | 58.9 | 61.1 | 63.2 | 166        | 170        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 8    | 25     | 12     | 0.787     | -0.03     | 2.31  | 0.016     | 0.013     | 0         | 58.5 | 60.2 | 64.1 | 165        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 8    | 40     | 12     | 0.791     | 0         | 2.31  | 0.016     | 0.013     | 0         | 58.9 | 60.2 | 64.5 | 165        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 8    | 55     | 12     | 0.755     | -0.036    | 2.31  | 0.01      | 0.007     | 0         | 58.5 | 60.2 | 64.1 | 166        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 9    | 10     | 12     | 0.781     | -0.052    | 2.31  | 0.013     | 0.01      | 0         | 58   | 59.8 | 64.5 | 164        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 9    | 25     | 12     | 0.787     | -0.062    | 2.31  | 0.013     | 0.01      | 0         | 57.6 | 59.3 | 64.9 | 164        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 9    | 40     | 12     | 0.804     | -0.072    | 2.31  | 0.013     | 0.01      | 0         | 58   | 59.3 | 64.1 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 9    | 55     | 12     | 0.833     | -0.059    | 2.306 | 0.01      | 0.007     | 0         | 58   | 59.8 | 47.7 | 164        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 10   | 10     | 12     | 0.81      | -0.03     | 2.303 | 0.013     | 0.01      | 0         | 58   | 59.3 | 37.4 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 10   | 25     | 12     | 0.778     | -0.046    | 2.303 | 0.013     | 0.01      | 0         | 57.6 | 59.3 | 39.6 | 164        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 10   | 40     | 12     | 0.774     | -0.023    | 2.306 | 0.01      | 0.007     | 0         | 58   | 59.8 | 39.6 | 164        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 10   | 55     | 12     | 0.781     | -0.049    | 2.303 | 0.01      | 0.007     | 0         | 58   | 59.8 | 40.4 | 164        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 11   | 10     | 12     | 0.797     | -0.043    | 2.303 | 0.01      | 0.007     | 0         | 58   | 59.8 | 39.1 | 164        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 11   | 25     | 12     | 0.801     | -0.039    | 2.303 | 0.01      | 0.007     | 0         | 57.6 | 60.2 | 37.8 | 164        | 168        | 0          | 30     | 28     |
| 2009 | 6     | 25  | 11   | 40     | 12     | 0.827     | -0.03     | 2.306 | 0.01      | 0.007     | 0         | 58   | 60.2 | 40.9 | 164        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 11   | 55     | 12     | 0.797     | -0.062    | 2.303 | 0.01      | 0.007     | 0         | 58   | 60.2 | 38.7 | 164        | 168        | 0          | 29     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 25  | 12   | 10     | 12     | 0.797     | -0.043    | 2.303 | 0.01      | 0.007     | 0         | 58   | 60.2 | 40   | 165        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 25  | 12   | 25     | 12     | 0.794     | -0.033    | 2.303 | 0.01      | 0.007     | 0         | 58   | 61.1 | 39.6 | 165        | 170        | 0          | 30     | 28     |
| 2009 | 6     | 25  | 12   | 40     | 12     | 0.771     | -0.052    | 2.303 | 0.01      | 0.007     | 0         | 58.5 | 60.2 | 38.7 | 165        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 12   | 55     | 12     | 0.801     | -0.02     | 2.303 | 0.01      | 0.007     | 0         | 58.5 | 60.2 | 38.3 | 165        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 13   | 10     | 12     | 0.807     | -0.046    | 2.303 | 0.016     | 0.013     | 0         | 58   | 60.6 | 40.4 | 164        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 13   | 25     | 12     | 0.823     | -0.016    | 2.306 | 0.016     | 0.013     | 0         | 58   | 59.8 | 39.1 | 164        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 13   | 40     | 12     | 0.787     | -0.033    | 2.3   | 0.01      | 0.007     | 0         | 58.5 | 60.6 | 42.6 | 165        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 13   | 55     | 12     | 0.778     | -0.016    | 2.303 | 0.01      | 0.007     | 0         | 57.6 | 60.6 | 38.7 | 164        | 169        | 0          | 30     | 28     |
| 2009 | 6     | 25  | 14   | 10     | 12     | 0.814     | -0.046    | 2.3   | 0.013     | 0.01      | 0         | 58.5 | 60.2 | 37.8 | 164        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 25  | 14   | 25     | 12     | 0.817     | -0.036    | 2.3   | 0.01      | 0.007     | 0         | 59.3 | 61.1 | 41.3 | 166        | 170        | 0          | 28     | 28     |
| 2009 | 6     | 25  | 14   | 40     | 12     | 0.814     | -0.02     | 2.297 | 0.01      | 0.007     | 0         | 58   | 59.8 | 36.1 | 164        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 14   | 55     | 12     | 0.814     | -0.023    | 2.297 | 0.01      | 0.007     | 0         | 58   | 60.6 | 38.7 | 164        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 15   | 10     | 12     | 0.807     | -0.026    | 2.293 | 0.013     | 0.01      | 0         | 58   | 59.8 | 40.9 | 164        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 15   | 25     | 12     | 0.83      | -0.036    | 2.297 | 0.01      | 0.007     | 0         | 58   | 60.2 | 37.8 | 164        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 15   | 40     | 12     | 0.794     | -0.007    | 2.293 | 0.013     | 0.01      | 0         | 58.5 | 60.2 | 42.6 | 164        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 25  | 15   | 55     | 12     | 0.791     | -0.033    | 2.29  | 0.01      | 0.007     | 0         | 58   | 60.2 | 41.3 | 164        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 16   | 10     | 12     | 0.768     | -0.046    | 2.297 | 0.013     | 0.01      | 0         | 57.6 | 59.8 | 42.6 | 163        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 16   | 25     | 12     | 0.787     | -0.039    | 2.293 | 0.01      | 0.007     | 0         | 58   | 60.2 | 42.6 | 164        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 16   | 40     | 12     | 0.827     | -0.013    | 2.29  | 0.016     | 0.013     | 0         | 57.6 | 59.8 | 40.4 | 163        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 16   | 55     | 12     | 0.771     | -0.016    | 2.29  | 0.013     | 0.01      | 0         | 58   | 60.2 | 40.9 | 164        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 17   | 10     | 12     | 0.794     | -0.03     | 2.29  | 0.01      | 0.007     | 0         | 58.5 | 60.2 | 39.1 | 164        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 25  | 17   | 25     | 12     | 0.787     | 0         | 2.29  | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 39.6 | 163        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 17   | 40     | 12     | 0.771     | -0.03     | 2.287 | 0.01      | 0.007     | 0         | 57.2 | 59.3 | 40.9 | 162        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 17   | 55     | 12     | 0.804     | -0.033    | 2.29  | 0.013     | 0.01      | 0         | 57.6 | 59.8 | 39.1 | 163        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 18   | 10     | 12     | 0.82      | -0.033    | 2.287 | 0.013     | 0.01      | 0         | 58   | 59.3 | 39.6 | 163        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 18   | 25     | 12     | 0.735     | 0         | 2.287 | 0.01      | 0.007     | 0         | 58   | 60.2 | 42.6 | 164        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 18   | 40     | 12     | 0.794     | -0.046    | 2.283 | 0.013     | 0.01      | 0         | 57.2 | 58.9 | 40   | 162        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 18   | 55     | 12     | 0.833     | -0.007    | 2.287 | 0.013     | 0.01      | 0         | 57.2 | 59.3 | 44.7 | 162        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 19   | 10     | 12     | 0.801     | -0.023    | 2.29  | 0.013     | 0.01      | 0         | 57.2 | 59.8 | 63.2 | 162        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 19   | 25     | 12     | 0.804     | -0.01     | 2.287 | 0.01      | 0.007     | 0         | 58   | 60.6 | 61.5 | 164        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 19   | 40     | 12     | 0.801     | -0.056    | 2.29  | 0.01      | 0.007     | 0         | 58   | 59.8 | 64.5 | 163        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 25  | 19   | 55     | 12     | 0.781     | -0.016    | 2.287 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 63.2 | 163        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 20   | 10     | 12     | 0.778     | -0.013    | 2.29  | 0.013     | 0.01      | 0         | 58.5 | 59.8 | 64.1 | 164        | 168        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 20   | 25     | 12     | 0.801     | -0.036    | 2.29  | 0.013     | 0.01      | 0         | 57.6 | 59.8 | 65.8 | 163        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 20   | 40     | 12     | 0.771     | -0.033    | 2.287 | 0.013     | 0.01      | 0         | 58   | 59.3 | 65.4 | 163        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 20   | 55     | 12     | 0.794     | -0.046    | 2.287 | 0.013     | 0.01      | 0         | 57.6 | 59.8 | 65.8 | 163        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 21   | 10     | 12     | 0.804     | 0         | 2.287 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 66.2 | 163        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 25  | 21   | 25     | 12     | 0.807     | -0.016    | 2.287 | 0.01      | 0.007     | 0         | 58   | 59.3 | 65.8 | 163        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 25  | 21   | 40     | 12     | 0.755     | -0.016    | 2.287 | 0.01      | 0.007     | 0         | 57.2 | 59.8 | 66.7 | 162        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 21   | 55     | 12     | 0.827     | -0.039    | 2.287 | 0.013     | 0.01      | 0         | 57.6 | 59.8 | 66.2 | 163        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 22   | 10     | 12     | 0.797     | -0.026    | 2.287 | 0.01      | 0.007     | 0         | 57.2 | 59.3 | 66.7 | 162        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 22   | 25     | 12     | 0.797     | -0.033    | 2.287 | 0.016     | 0.016     | 0         | 57.6 | 59.8 | 67.1 | 163        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 22   | 40     | 12     | 0.781     | -0.016    | 2.287 | 0.013     | 0.01      | 0         | 57.2 | 59.3 | 66.7 | 162        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 22   | 55     | 12     | 0.833     | -0.036    | 2.287 | 0.013     | 0.01      | 0         | 56.8 | 59.3 | 67.5 | 161        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 23   | 10     | 12     | 0.784     | -0.016    | 2.283 | 0.013     | 0.01      | 0         | 57.2 | 59.8 | 60.2 | 162        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 23   | 25     | 12     | 0.774     | -0.016    | 2.287 | 0.01      | 0.007     | 0         | 58   | 60.2 | 64.5 | 163        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 25  | 23   | 40     | 12     | 0.801     | -0.02     | 2.287 | 0.01      | 0.007     | 0         | 58.5 | 61.1 | 65.4 | 165        | 170        | 0          | 29     | 28     |
| 2009 | 6     | 25  | 23   | 55     | 12     | 0.801     | -0.016    | 2.287 | 0.013     | 0.01      | 0         | 57.6 | 59.3 | 66.2 | 162        | 167        | 0          | 28     | 29     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 26  | 0    | 10     | 12     | 0.794     | -0.039    | 2.287 | 0.016     | 0.013     | 0         | 56.8 | 59.3 | 66.7 | 162        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 0    | 25     | 12     | 0.817     | -0.043    | 2.287 | 0.016     | 0.013     | 0         | 57.6 | 58.9 | 66.7 | 162        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 0    | 40     | 12     | 0.81      | -0.043    | 2.287 | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 67.1 | 161        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 0    | 55     | 12     | 0.814     | -0.023    | 2.287 | 0.01      | 0.007     | 0         | 57.2 | 59.8 | 67.1 | 162        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 1    | 10     | 12     | 0.833     | -0.046    | 2.287 | 0.016     | 0.013     | 0         | 57.2 | 58.9 | 66.7 | 162        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 1    | 25     | 12     | 0.771     | 0         | 2.287 | 0.01      | 0.007     | 0         | 57.2 | 59.8 | 67.1 | 162        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 1    | 40     | 12     | 0.804     | -0.016    | 2.287 | 0.013     | 0.01      | 0         | 57.6 | 59.8 | 67.1 | 163        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 1    | 55     | 12     | 0.768     | -0.036    | 2.287 | 0.01      | 0.007     | 0         | 57.2 | 59.3 | 67.5 | 162        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 2    | 10     | 12     | 0.784     | -0.026    | 2.287 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 67.5 | 163        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 2    | 25     | 12     | 0.774     | -0.062    | 2.287 | 0.013     | 0.01      | 0         | 57.2 | 59.3 | 67.9 | 162        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 2    | 40     | 12     | 0.787     | -0.075    | 2.287 | 0.016     | 0.016     | 0         | 57.6 | 58.5 | 67.5 | 163        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 2    | 55     | 12     | 0.771     | -0.056    | 2.287 | 0.013     | 0.01      | 0         | 57.6 | 59.8 | 67.5 | 163        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 3    | 10     | 12     | 0.794     | -0.036    | 2.287 | 0.01      | 0.007     | 0         | 57.6 | 60.2 | 67.1 | 163        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 3    | 25     | 12     | 0.807     | -0.056    | 2.287 | 0.01      | 0.007     | 0         | 58   | 60.6 | 67.9 | 164        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 3    | 40     | 12     | 0.774     | -0.062    | 2.287 | 0.013     | 0.01      | 0         | 57.2 | 59.8 | 67.9 | 162        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 3    | 55     | 12     | 0.791     | -0.056    | 2.287 | 0.013     | 0.01      | 0         | 57.6 | 59.8 | 67.5 | 163        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 4    | 10     | 12     | 0.781     | -0.062    | 2.287 | 0.013     | 0.01      | 0         | 57.2 | 59.8 | 67.1 | 163        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 4    | 25     | 12     | 0.82      | -0.036    | 2.287 | 0.013     | 0.01      | 0         | 56.3 | 59.8 | 67.1 | 160        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 4    | 40     | 12     | 0.797     | -0.046    | 2.287 | 0.016     | 0.013     | 0         | 58.5 | 60.2 | 67.5 | 165        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 4    | 55     | 12     | 0.804     | -0.026    | 2.287 | 0.016     | 0.013     | 0         | 58.5 | 60.2 | 65.4 | 165        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 5    | 10     | 12     | 0.81      | -0.082    | 2.287 | 0.016     | 0.013     | 0         | 58.5 | 60.2 | 66.7 | 165        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 5    | 25     | 12     | 0.817     | -0.072    | 2.287 | 0.013     | 0.01      | 0         | 58.5 | 60.2 | 67.1 | 165        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 5    | 40     | 12     | 0.791     | -0.052    | 2.287 | 0.01      | 0.007     | 0         | 58.9 | 60.6 | 66.7 | 166        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 5    | 55     | 12     | 0.768     | -0.062    | 2.29  | 0.016     | 0.013     | 0         | 59.3 | 60.6 | 66.7 | 167        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 6    | 10     | 12     | 0.807     | -0.023    | 2.29  | 0.013     | 0.01      | 0         | 58.9 | 60.6 | 66.2 | 166        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 6    | 25     | 12     | 0.82      | -0.03     | 2.29  | 0.01      | 0.007     | 0         | 58.9 | 60.6 | 65.4 | 166        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 6    | 40     | 12     | 0.791     | -0.016    | 2.29  | 0.013     | 0.01      | 0         | 58.9 | 60.2 | 65.8 | 166        | 170        | 0          | 29     | 30     |
| 2009 | 6     | 26  | 6    | 55     | 12     | 0.797     | -0.036    | 2.29  | 0.01      | 0.007     | 0         | 58.9 | 60.6 | 64.9 | 166        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 7    | 10     | 12     | 0.784     | -0.039    | 2.29  | 0.01      | 0.007     | 0         | 58.9 | 60.6 | 64.9 | 166        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 7    | 25     | 12     | 0.781     | -0.02     | 2.29  | 0.013     | 0.01      | 0         | 58.9 | 60.6 | 64.5 | 166        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 7    | 40     | 12     | 0.804     | -0.016    | 2.29  | 0.013     | 0.01      | 0         | 58.9 | 60.6 | 64.9 | 166        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 7    | 55     | 12     | 0.804     | -0.016    | 2.293 | 0.013     | 0.01      | 0         | 58.9 | 60.6 | 63.6 | 166        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 8    | 10     | 12     | 0.787     | -0.039    | 2.293 | 0.016     | 0.013     | 0         | 59.3 | 61.1 | 63.6 | 167        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 8    | 25     | 12     | 0.797     | -0.026    | 2.297 | 0.013     | 0.01      | 0         | 58.5 | 61.5 | 63.2 | 166        | 171        | 0          | 30     | 28     |
| 2009 | 6     | 26  | 8    | 40     | 12     | 0.778     | -0.046    | 2.297 | 0.01      | 0.007     | 0         | 58.9 | 60.6 | 63.2 | 166        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 8    | 55     | 12     | 0.774     | -0.03     | 2.3   | 0.01      | 0.007     | 0         | 58.9 | 61.1 | 63.6 | 166        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 9    | 10     | 12     | 0.764     | -0.049    | 2.3   | 0.013     | 0.01      | 0         | 58.5 | 60.2 | 63.6 | 165        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 9    | 25     | 12     | 0.82      | -0.052    | 2.303 | 0.01      | 0.007     | 0         | 58.5 | 60.2 | 63.6 | 165        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 9    | 40     | 12     | 0.791     | -0.036    | 2.303 | 0.013     | 0.01      | 0         | 58.5 | 60.6 | 63.6 | 165        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 9    | 55     | 12     | 0.794     | -0.023    | 2.306 | 0.01      | 0.007     | 0         | 58   | 60.2 | 64.1 | 165        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 10   | 10     | 12     | 0.797     | -0.046    | 2.306 | 0.016     | 0.013     | 0         | 58.5 | 60.6 | 64.5 | 165        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 10   | 25     | 12     | 0.807     | -0.023    | 2.306 | 0.013     | 0.01      | 0         | 58   | 60.6 | 64.1 | 164        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 10   | 40     | 12     | 0.801     | -0.056    | 2.31  | 0.01      | 0.007     | 0         | 58   | 60.2 | 64.9 | 164        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 10   | 55     | 12     | 0.774     | -0.023    | 2.31  | 0.01      | 0.007     | 0         | 58   | 60.2 | 64.1 | 164        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 11   | 10     | 12     | 0.778     | -0.059    | 2.31  | 0.013     | 0.01      | 0         | 57.6 | 60.2 | 64.9 | 163        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 11   | 25     | 12     | 0.814     | -0.046    | 2.31  | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 64.9 | 164        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 11   | 40     | 12     | 0.797     | -0.02     | 2.31  | 0.013     | 0.01      | 0         | 57.2 | 59.8 | 62.8 | 163        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 11   | 55     | 12     | 0.801     | -0.039    | 2.303 | 0.013     | 0.01      | 0         | 57.6 | 59.8 | 44.3 | 163        | 168        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 26  | 12   | 10     | 12     | 0.823     | -0.007    | 2.303 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 44.3 | 163        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 12   | 25     | 12     | 0.784     | -0.026    | 2.306 | 0.01      | 0.007     | 0         | 57.6 | 60.2 | 52   | 163        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 12   | 40     | 12     | 0.823     | -0.046    | 2.306 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 40.4 | 163        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 12   | 55     | 12     | 0.81      | -0.033    | 2.306 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 40.4 | 162        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 13   | 10     | 12     | 0.833     | -0.013    | 2.306 | 0.013     | 0.01      | 0         | 57.2 | 59.8 | 58.5 | 162        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 13   | 25     | 12     | 0.82      | 0         | 2.31  | 0.016     | 0.013     | 0         | 57.2 | 59.3 | 38.7 | 162        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 13   | 40     | 12     | 0.81      | -0.033    | 2.306 | 0.01      | 0.007     | 0         | 57.2 | 59.3 | 58.5 | 162        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 13   | 55     | 12     | 0.827     | -0.026    | 2.306 | 0.013     | 0.01      | 0         | 57.2 | 59.8 | 40.9 | 162        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 14   | 10     | 12     | 0.823     | -0.052    | 2.306 | 0.01      | 0.007     | 0         | 56.8 | 59.3 | 38.7 | 162        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 26  | 14   | 25     | 12     | 0.817     | -0.052    | 2.31  | 0.01      | 0.007     | 0         | 56.8 | 59.3 | 38.3 | 161        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 14   | 40     | 12     | 0.817     | -0.046    | 2.31  | 0.01      | 0.007     | 0         | 56.8 | 59.3 | 41.3 | 161        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 14   | 55     | 12     | 0.82      | -0.049    | 2.31  | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 45.6 | 161        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 15   | 10     | 12     | 0.801     | -0.039    | 2.31  | 0.016     | 0.013     | 0         | 56.8 | 59.3 | 38.3 | 161        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 15   | 25     | 12     | 0.814     | -0.033    | 2.31  | 0.016     | 0.013     | 0         | 57.2 | 59.8 | 41.3 | 162        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 15   | 40     | 12     | 0.794     | -0.039    | 2.31  | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 42.1 | 162        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 26  | 15   | 55     | 12     | 0.81      | -0.033    | 2.31  | 0.013     | 0.01      | 0         | 57.2 | 59.3 | 47.7 | 162        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 16   | 10     | 12     | 0.705     | -0.135    | 2.313 | 0.013     | 0.01      | 0         | 44.3 | 58.5 | 40.4 | 132        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 16   | 25     | 12     | 0.801     | -0.023    | 2.31  | 0.013     | 0.01      | 0         | 56.3 | 58.9 | 50.3 | 160        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 16   | 40     | 12     | 0.823     | -0.026    | 2.31  | 0.013     | 0.01      | 0         | 56.8 | 58.9 | 48.6 | 161        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 16   | 55     | 12     | 0.797     | -0.033    | 2.313 | 0.013     | 0.01      | 0         | 55.9 | 58.5 | 37.8 | 159        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 17   | 10     | 12     | 0.823     | -0.02     | 2.313 | 0.01      | 0.007     | 0         | 56.8 | 58.5 | 39.1 | 161        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 17   | 25     | 12     | 0.833     | -0.033    | 2.313 | 0.01      | 0.007     | 0         | 55.9 | 57.6 | 38.3 | 159        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 17   | 40     | 12     | 0.843     | -0.043    | 2.316 | 0.01      | 0.007     | 0         | 56.3 | 58   | 42.1 | 160        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 17   | 55     | 12     | 0.81      | -0.03     | 2.313 | 0.013     | 0.01      | 0         | 56.3 | 58.5 | 50.3 | 160        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 18   | 10     | 12     | 0.817     | -0.046    | 2.316 | 0.01      | 0.007     | 0         | 55.9 | 58.5 | 43.4 | 159        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 18   | 25     | 12     | 0.814     | -0.049    | 2.32  | 0.01      | 0.007     | 0         | 56.3 | 58.5 | 63.6 | 159        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 26  | 18   | 40     | 12     | 0.83      | -0.016    | 2.316 | 0.013     | 0.01      | 0         | 55.9 | 58.5 | 43   | 159        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 18   | 55     | 12     | 0.83      | -0.016    | 2.32  | 0.01      | 0.007     | 0         | 56.3 | 58.9 | 44.7 | 160        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 19   | 10     | 12     | 0.814     | -0.01     | 2.323 | 0.016     | 0.013     | 0         | 55.9 | 58.5 | 50.7 | 159        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 19   | 25     | 12     | 0.827     | -0.03     | 2.326 | 0.01      | 0.007     | 0         | 55.9 | 58.5 | 53.8 | 159        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 19   | 40     | 12     | 0.817     | -0.016    | 2.329 | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 66.7 | 160        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 26  | 19   | 55     | 12     | 0.807     | -0.049    | 2.333 | 0.013     | 0.01      | 0         | 56.3 | 58.5 | 67.5 | 160        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 20   | 10     | 12     | 0.801     | -0.013    | 2.333 | 0.01      | 0.007     | 0         | 56.3 | 58.5 | 67.9 | 160        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 20   | 25     | 12     | 0.827     | -0.03     | 2.333 | 0.016     | 0.013     | 0         | 55.9 | 58.5 | 68.4 | 159        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 20   | 40     | 12     | 0.83      | -0.033    | 2.333 | 0.01      | 0.007     | 0         | 56.3 | 58.5 | 67.9 | 159        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 26  | 20   | 55     | 12     | 0.827     | -0.016    | 2.336 | 0.01      | 0.007     | 0         | 55.9 | 58.9 | 68.8 | 159        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 21   | 10     | 12     | 0.807     | -0.036    | 2.336 | 0.013     | 0.01      | 0         | 55.9 | 58.5 | 68.8 | 159        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 21   | 25     | 12     | 0.83      | -0.033    | 2.336 | 0.01      | 0.007     | 0         | 55.9 | 58.5 | 69.2 | 159        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 21   | 40     | 12     | 0.814     | -0.049    | 2.339 | 0.016     | 0.013     | 0         | 55.9 | 58.5 | 64.5 | 159        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 21   | 55     | 12     | 0.86      | -0.03     | 2.336 | 0.016     | 0.013     | 0         | 56.8 | 58.5 | 68.4 | 160        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 26  | 22   | 10     | 12     | 0.814     | -0.016    | 2.339 | 0.01      | 0.007     | 0         | 56.8 | 56.3 | 67.9 | 161        | 160        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 22   | 25     | 12     | 0.807     | -0.003    | 2.339 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 68.4 | 162        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 22   | 40     | 12     | 0.843     | -0.046    | 2.339 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 67.9 | 162        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 26  | 22   | 55     | 12     | 0.81      | -0.046    | 2.339 | 0.013     | 0.01      | 0         | 57.6 | 58.9 | 67.1 | 162        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 26  | 23   | 10     | 12     | 0.797     | -0.026    | 2.339 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 67.1 | 162        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 23   | 25     | 12     | 0.817     | -0.049    | 2.343 | 0.01      | 0.007     | 0         | 57.2 | 58   | 66.7 | 162        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 26  | 23   | 40     | 12     | 0.81      | -0.023    | 2.343 | 0.016     | 0.013     | 0         | 57.2 | 58.9 | 65.8 | 162        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 26  | 23   | 55     | 12     | 0.84      | -0.02     | 2.343 | 0.013     | 0.01      | 0         | 57.6 | 58.9 | 65.8 | 162        | 165        | 0          | 28     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 27  | 0    | 10     | 12     | 0.823     | -0.036    | 2.343 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 65.4 | 163        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 0    | 25     | 12     | 0.83      | -0.026    | 2.346 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 64.9 | 163        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 0    | 40     | 12     | 0.856     | -0.059    | 2.346 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 64.5 | 163        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 0    | 55     | 12     | 0.856     | -0.043    | 2.352 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 64.5 | 163        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 1    | 10     | 12     | 0.817     | -0.036    | 2.356 | 0.013     | 0.01      | 0         | 58   | 59.3 | 64.5 | 164        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 1    | 25     | 12     | 0.843     | -0.052    | 2.359 | 0.01      | 0.007     | 0         | 58   | 58.9 | 64.1 | 164        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 1    | 40     | 12     | 0.856     | -0.036    | 2.362 | 0.01      | 0.007     | 0         | 58   | 59.3 | 65.4 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 1    | 55     | 12     | 0.814     | -0.046    | 2.362 | 0.01      | 0.007     | 0         | 58   | 59.8 | 66.2 | 164        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 2    | 10     | 12     | 0.837     | -0.013    | 2.365 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 66.7 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 2    | 25     | 12     | 0.863     | -0.046    | 2.365 | 0.013     | 0.01      | 0         | 57.6 | 59.3 | 67.5 | 163        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 2    | 40     | 12     | 0.837     | -0.023    | 2.369 | 0.013     | 0.01      | 0         | 58   | 59.3 | 67.1 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 2    | 55     | 12     | 0.81      | -0.052    | 2.369 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 67.5 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 3    | 10     | 12     | 0.827     | -0.016    | 2.369 | 0.013     | 0.01      | 0         | 58.5 | 59.3 | 67.5 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 3    | 25     | 12     | 0.82      | -0.033    | 2.369 | 0.01      | 0.007     | 0         | 58   | 59.3 | 67.1 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 3    | 40     | 12     | 0.833     | -0.033    | 2.369 | 0.01      | 0.007     | 0         | 58.5 | 59.8 | 66.7 | 165        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 3    | 55     | 12     | 0.84      | -0.023    | 2.372 | 0.01      | 0.007     | 0         | 58   | 59.3 | 66.7 | 165        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 4    | 10     | 12     | 0.81      | -0.075    | 2.372 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 66.2 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 4    | 25     | 12     | 0.82      | -0.02     | 2.372 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 65.8 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 4    | 40     | 12     | 0.84      | -0.03     | 2.375 | 0.01      | 0.007     | 0         | 58.5 | 59.3 | 65.4 | 165        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 4    | 55     | 12     | 0.791     | -0.023    | 2.375 | 0.01      | 0.007     | 0         | 58.5 | 60.2 | 64.1 | 165        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 5    | 10     | 12     | 0.833     | -0.033    | 2.379 | 0.01      | 0.007     | 0         | 58.5 | 59.8 | 63.2 | 165        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 5    | 25     | 12     | 0.843     | -0.049    | 2.388 | 0.01      | 0.007     | 0         | 58   | 59.3 | 64.1 | 165        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 5    | 40     | 12     | 0.823     | 0         | 2.392 | 0.013     | 0.01      | 0         | 58.9 | 59.8 | 64.5 | 166        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 5    | 55     | 12     | 0.837     | -0.02     | 2.392 | 0.013     | 0.01      | 0         | 58.5 | 59.8 | 65.4 | 165        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 6    | 10     | 12     | 0.869     | -0.069    | 2.395 | 0.013     | 0.01      | 0         | 58   | 59.8 | 65.8 | 165        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 6    | 25     | 12     | 0.689     | 0.092     | 2.398 | 0.016     | 0.013     | 0         | 58.9 | 45.6 | 67.9 | 165        | 134        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 6    | 40     | 12     | 0.856     | -0.013    | 2.398 | 0.01      | 0.007     | 0         | 59.3 | 60.6 | 66.2 | 167        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 6    | 55     | 12     | 0.866     | -0.023    | 2.398 | 0.01      | 0.007     | 0         | 59.3 | 60.6 | 61.5 | 167        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 7    | 10     | 12     | 0.843     | -0.023    | 2.398 | 0.01      | 0.007     | 0         | 59.3 | 61.1 | 65.4 | 167        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 7    | 25     | 12     | 0.85      | -0.033    | 2.402 | 0.01      | 0.007     | 0         | 59.3 | 60.6 | 65.8 | 167        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 7    | 40     | 12     | 0.837     | -0.02     | 2.402 | 0.013     | 0.01      | 0         | 59.3 | 61.1 | 63.6 | 167        | 170        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 7    | 55     | 12     | 0.823     | -0.013    | 2.402 | 0.013     | 0.01      | 0         | 58.9 | 61.5 | 61.9 | 167        | 171        | 0          | 30     | 28     |
| 2009 | 6     | 27  | 8    | 10     | 12     | 0.83      | -0.046    | 2.402 | 0.01      | 0.007     | 0         | 59.3 | 61.1 | 59.8 | 167        | 171        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 8    | 25     | 12     | 0.84      | -0.052    | 2.402 | 0.016     | 0.013     | 0         | 58.5 | 60.6 | 61.9 | 165        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 8    | 40     | 12     | 0.869     | -0.046    | 2.402 | 0.01      | 0.007     | 0         | 58   | 60.6 | 61.9 | 165        | 169        | 0          | 30     | 28     |
| 2009 | 6     | 27  | 8    | 55     | 12     | 0.81      | -0.03     | 2.405 | 0.013     | 0.01      | 0         | 58.9 | 60.6 | 61.5 | 166        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 9    | 10     | 12     | 0.843     | -0.033    | 2.405 | 0.01      | 0.007     | 0         | 58.5 | 60.2 | 60.6 | 166        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 9    | 25     | 12     | 0.85      | -0.039    | 2.405 | 0.01      | 0.007     | 0         | 58.5 | 60.2 | 60.6 | 166        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 9    | 40     | 12     | 0.781     | -0.016    | 2.408 | 0.013     | 0.01      | 0         | 58.9 | 60.6 | 61.1 | 166        | 170        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 9    | 55     | 12     | 0.843     | -0.023    | 2.408 | 0.01      | 0.007     | 0         | 58.5 | 60.2 | 60.2 | 166        | 169        | 0          | 30     | 29     |
| 2009 | 6     | 27  | 10   | 10     | 12     | 0.83      | -0.046    | 2.411 | 0.013     | 0.01      | 0         | 58.5 | 59.8 | 62.4 | 165        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 10   | 25     | 12     | 0.843     | -0.03     | 2.411 | 0.013     | 0.01      | 0         | 58   | 60.2 | 63.2 | 165        | 168        | 0          | 30     | 28     |
| 2009 | 6     | 27  | 10   | 40     | 12     | 0.84      | -0.026    | 2.411 | 0.01      | 0.007     | 0         | 58   | 59.3 | 63.6 | 164        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 10   | 55     | 12     | 0.814     | -0.03     | 2.415 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 63.2 | 163        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 11   | 10     | 12     | 0.863     | -0.043    | 2.415 | 0.01      | 0.007     | 0         | 58   | 60.2 | 62.8 | 164        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 11   | 25     | 12     | 0.833     | -0.016    | 2.415 | 0.013     | 0.01      | 0         | 58   | 59.8 | 62.8 | 164        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 11   | 40     | 12     | 0.827     | -0.01     | 2.418 | 0.01      | 0.007     | 0         | 57.6 | 60.2 | 63.6 | 164        | 168        | 0          | 30     | 28     |
| 2009 | 6     | 27  | 11   | 55     | 12     | 0.833     | -0.033    | 2.418 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 63.6 | 163        | 167        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 27  | 12   | 10     | 12     | 0.833     | -0.049    | 2.421 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 63.2 | 163        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 12   | 25     | 12     | 0.856     | -0.023    | 2.421 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 63.6 | 163        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 12   | 40     | 12     | 0.886     | -0.036    | 2.425 | 0.013     | 0.01      | 0         | 58   | 59.8 | 62.8 | 164        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 12   | 55     | 12     | 0.873     | -0.046    | 2.425 | 0.013     | 0.01      | 0         | 58   | 60.2 | 64.5 | 164        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 13   | 10     | 12     | 0.863     | -0.007    | 2.428 | 0.013     | 0.01      | 0         | 57.6 | 59.8 | 64.5 | 163        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 13   | 25     | 12     | 0.837     | -0.039    | 2.428 | 0.013     | 0.01      | 0         | 58   | 59.8 | 64.1 | 164        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 13   | 40     | 12     | 0.856     | -0.02     | 2.428 | 0.013     | 0.01      | 0         | 57.6 | 59.3 | 63.6 | 163        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 13   | 55     | 12     | 0.863     | -0.03     | 2.431 | 0.01      | 0.007     | 0         | 58   | 60.2 | 63.6 | 164        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 14   | 10     | 12     | 0.846     | -0.036    | 2.431 | 0.013     | 0.01      | 0         | 58   | 60.2 | 63.6 | 164        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 14   | 25     | 12     | 0.85      | -0.026    | 2.431 | 0.01      | 0.007     | 0         | 58   | 59.8 | 58.5 | 163        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 14   | 40     | 12     | 0.853     | -0.013    | 2.438 | 0.01      | 0.007     | 0         | 58   | 59.3 | 64.1 | 163        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 14   | 55     | 12     | 0.873     | -0.036    | 2.434 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 61.1 | 163        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 15   | 10     | 12     | 0.876     | -0.039    | 2.431 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 41.7 | 163        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 15   | 25     | 12     | 0.853     | 0         | 2.441 | 0.013     | 0.01      | 0         | 58   | 59.8 | 64.1 | 163        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 15   | 40     | 12     | 0.843     | -0.016    | 2.441 | 0.01      | 0.007     | 0         | 58   | 59.8 | 64.5 | 163        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 15   | 55     | 12     | 0.846     | -0.026    | 2.441 | 0.013     | 0.01      | 0         | 58   | 59.8 | 55.9 | 164        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 16   | 10     | 12     | 0.846     | -0.049    | 2.444 | 0.01      | 0.007     | 0         | 56.8 | 59.3 | 64.9 | 161        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 16   | 25     | 12     | 0.823     | 0         | 2.444 | 0.01      | 0.007     | 0         | 57.2 | 59.8 | 65.4 | 162        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 16   | 40     | 12     | 0.863     | -0.013    | 2.444 | 0.01      | 0.007     | 0         | 57.2 | 59.3 | 63.6 | 162        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 16   | 55     | 12     | 0.879     | -0.02     | 2.448 | 0.013     | 0.01      | 0         | 57.6 | 58.9 | 65.8 | 162        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 27  | 17   | 10     | 12     | 0.899     | -0.033    | 2.448 | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 66.2 | 161        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 17   | 25     | 12     | 0.86      | -0.056    | 2.448 | 0.01      | 0.007     | 0         | 56.8 | 59.3 | 66.2 | 160        | 165        | 0          | 28     | 27     |
| 2009 | 6     | 27  | 17   | 40     | 12     | 0.81      | -0.023    | 2.451 | 0.01      | 0.007     | 0         | 56.3 | 58.9 | 67.1 | 160        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 17   | 55     | 12     | 0.869     | -0.02     | 2.451 | 0.013     | 0.01      | 0         | 57.2 | 58.9 | 67.1 | 161        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 18   | 10     | 12     | 0.843     | -0.046    | 2.451 | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 67.1 | 161        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 18   | 25     | 12     | 0.863     | -0.033    | 2.454 | 0.013     | 0.01      | 0         | 56.8 | 58.9 | 67.5 | 161        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 18   | 40     | 12     | 0.83      | -0.02     | 2.454 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 67.9 | 161        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 18   | 55     | 12     | 0.853     | -0.003    | 2.454 | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 67.9 | 161        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 19   | 10     | 12     | 0.876     | -0.049    | 2.457 | 0.01      | 0.007     | 0         | 56.3 | 58.9 | 68.4 | 160        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 19   | 25     | 12     | 0.876     | -0.033    | 2.457 | 0.01      | 0.007     | 0         | 55.9 | 58.9 | 67.9 | 159        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 19   | 40     | 12     | 0.866     | -0.016    | 2.457 | 0.013     | 0.01      | 0         | 56.8 | 59.3 | 68.4 | 160        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 19   | 55     | 12     | 0.873     | 0         | 2.457 | 0.01      | 0.007     | 0         | 56.3 | 58.5 | 67.9 | 160        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 27  | 20   | 10     | 12     | 0.896     | -0.036    | 2.457 | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 67.5 | 160        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 20   | 25     | 12     | 0.879     | -0.01     | 2.457 | 0.013     | 0.01      | 0         | 56.3 | 58.9 | 63.2 | 160        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 20   | 40     | 12     | 0.866     | 0.007     | 2.461 | 0.01      | 0.007     | 0         | 56.3 | 58.9 | 67.1 | 160        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 20   | 55     | 12     | 0.863     | -0.026    | 2.461 | 0.013     | 0.01      | 0         | 56.8 | 59.3 | 67.1 | 160        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 21   | 10     | 12     | 0.869     | -0.033    | 2.461 | 0.01      | 0.007     | 0         | 56.3 | 58.9 | 67.1 | 160        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 21   | 25     | 12     | 0.889     | -0.023    | 2.461 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 67.1 | 161        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 21   | 40     | 12     | 0.86      | -0.02     | 2.461 | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 66.7 | 161        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 21   | 55     | 12     | 0.876     | -0.062    | 2.461 | 0.01      | 0.007     | 0         | 56.3 | 58.5 | 66.7 | 160        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 22   | 10     | 12     | 0.869     | -0.062    | 2.464 | 0.013     | 0.01      | 0         | 57.2 | 58.9 | 65.4 | 161        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 22   | 25     | 12     | 0.869     | -0.033    | 2.464 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 65.4 | 161        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 22   | 40     | 12     | 0.866     | -0.016    | 2.464 | 0.01      | 0.007     | 0         | 57.2 | 59.3 | 64.9 | 161        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 22   | 55     | 12     | 0.879     | -0.033    | 2.467 | 0.01      | 0.007     | 0         | 57.2 | 59.3 | 64.9 | 161        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 23   | 10     | 12     | 0.883     | -0.033    | 2.47  | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 64.1 | 161        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 23   | 25     | 12     | 0.886     | -0.049    | 2.477 | 0.016     | 0.013     | 0         | 57.6 | 59.3 | 64.5 | 162        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 27  | 23   | 40     | 12     | 0.892     | -0.033    | 2.48  | 0.01      | 0.007     | 0         | 57.2 | 59.8 | 64.5 | 162        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 27  | 23   | 55     | 12     | 0.892     | -0.046    | 2.48  | 0.013     | 0.01      | 0         | 57.6 | 59.3 | 64.9 | 162        | 166        | 0          | 28     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 28  | 0    | 10     | 12     | 0.899     | -0.02     | 2.484 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 65.8 | 162        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 0    | 25     | 12     | 0.902     | -0.033    | 2.484 | 0.013     | 0.01      | 0         | 57.2 | 59.3 | 66.2 | 162        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 0    | 40     | 12     | 0.883     | -0.026    | 2.484 | 0.01      | 0.007     | 0         | 57.6 | 58.9 | 67.5 | 162        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 0    | 55     | 12     | 0.889     | -0.069    | 2.487 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 67.5 | 161        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 1    | 10     | 12     | 0.869     | -0.03     | 2.487 | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 67.9 | 161        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 1    | 25     | 12     | 0.876     | -0.03     | 2.487 | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 68.4 | 161        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 1    | 40     | 12     | 0.866     | -0.003    | 2.487 | 0.01      | 0.007     | 0         | 57.2 | 59.3 | 67.1 | 162        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 1    | 55     | 12     | 0.899     | -0.01     | 2.49  | 0.01      | 0.007     | 0         | 56.8 | 58.5 | 67.5 | 161        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 2    | 10     | 12     | 0.883     | -0.062    | 2.49  | 0.01      | 0.007     | 0         | 56.8 | 59.3 | 67.1 | 161        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 2    | 25     | 12     | 0.869     | -0.033    | 2.49  | 0.013     | 0.01      | 0         | 56.8 | 59.3 | 67.5 | 161        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 2    | 40     | 12     | 0.906     | -0.016    | 2.49  | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 67.1 | 161        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 2    | 55     | 12     | 0.889     | -0.039    | 2.49  | 0.01      | 0.007     | 0         | 56.3 | 58.9 | 67.1 | 161        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 3    | 10     | 12     | 0.86      | -0.046    | 2.493 | 0.013     | 0.01      | 0         | 56.8 | 59.3 | 66.2 | 161        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 3    | 25     | 12     | 0.886     | -0.01     | 2.493 | 0.01      | 0.007     | 0         | 57.2 | 59.3 | 64.5 | 162        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 3    | 40     | 12     | 0.886     | -0.016    | 2.493 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 64.5 | 163        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 3    | 55     | 12     | 0.896     | -0.049    | 2.497 | 0.01      | 0.007     | 0         | 57.2 | 59.8 | 64.5 | 162        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 4    | 10     | 12     | 0.876     | -0.026    | 2.5   | 0.01      | 0.007     | 0         | 57.2 | 60.2 | 63.6 | 162        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 4    | 25     | 12     | 0.879     | -0.039    | 2.507 | 0.01      | 0.007     | 0         | 57.2 | 59.3 | 64.1 | 162        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 4    | 40     | 12     | 0.876     | -0.036    | 2.51  | 0.01      | 0.007     | 0         | 57.6 | 60.2 | 64.9 | 163        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 4    | 55     | 12     | 0.856     | -0.013    | 2.513 | 0.01      | 0.007     | 0         | 56.8 | 59.8 | 65.8 | 162        | 167        | 0          | 30     | 28     |
| 2009 | 6     | 28  | 5    | 10     | 12     | 0.899     | -0.039    | 2.513 | 0.01      | 0.007     | 0         | 56.8 | 59.8 | 66.2 | 161        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 5    | 25     | 12     | 0.873     | -0.013    | 2.516 | 0.013     | 0.01      | 0         | 57.6 | 59.3 | 66.7 | 162        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 5    | 40     | 12     | 0.86      | -0.013    | 2.516 | 0.013     | 0.01      | 0         | 57.2 | 59.8 | 66.2 | 163        | 168        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 5    | 55     | 12     | 0.876     | 0.007     | 2.516 | 0.01      | 0.007     | 0         | 57.2 | 59.3 | 67.9 | 162        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 6    | 10     | 12     | 0.846     | -0.026    | 2.52  | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 67.1 | 163        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 6    | 25     | 12     | 0.909     | -0.039    | 2.52  | 0.013     | 0.01      | 0         | 57.2 | 59.3 | 66.7 | 162        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 6    | 40     | 12     | 0.863     | -0.036    | 2.52  | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 66.7 | 163        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 6    | 55     | 12     | 0.915     | -0.056    | 2.52  | 0.013     | 0.01      | 0         | 57.6 | 59.3 | 67.1 | 162        | 167        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 7    | 10     | 12     | 0.892     | -0.023    | 2.52  | 0.01      | 0.007     | 0         | 57.2 | 59.8 | 66.7 | 162        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 7    | 25     | 12     | 0.85      | -0.033    | 2.523 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 66.2 | 163        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 7    | 40     | 12     | 0.892     | -0.066    | 2.523 | 0.01      | 0.007     | 0         | 57.2 | 59.3 | 66.2 | 162        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 7    | 55     | 12     | 0.909     | -0.039    | 2.523 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 65.8 | 162        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 8    | 10     | 12     | 0.906     | -0.046    | 2.523 | 0.01      | 0.007     | 0         | 57.2 | 59.8 | 65.8 | 162        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 8    | 25     | 12     | 0.866     | -0.039    | 2.526 | 0.01      | 0.007     | 0         | 57.2 | 59.8 | 64.9 | 162        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 8    | 40     | 12     | 0.846     | -0.03     | 2.526 | 0.01      | 0.007     | 0         | 56.8 | 59.3 | 64.9 | 162        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 8    | 55     | 12     | 0.876     | -0.033    | 2.526 | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 64.1 | 161        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 9    | 10     | 12     | 0.889     | -0.026    | 2.526 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 61.9 | 162        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 9    | 25     | 12     | 0.86      | -0.007    | 2.53  | 0.013     | 0.01      | 0         | 56.8 | 58.9 | 59.3 | 161        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 9    | 40     | 12     | 0.873     | -0.03     | 2.53  | 0.013     | 0.01      | 0         | 56.8 | 59.3 | 61.5 | 161        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 9    | 55     | 12     | 0.909     | -0.03     | 2.533 | 0.013     | 0.01      | 0         | 56.8 | 59.3 | 61.1 | 161        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 10   | 10     | 12     | 0.873     | -0.046    | 2.536 | 0.01      | 0.007     | 0         | 56.3 | 58.9 | 62.4 | 161        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 28  | 10   | 25     | 12     | 0.886     | -0.052    | 2.539 | 0.013     | 0.01      | 0         | 56.8 | 59.3 | 62.4 | 161        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 10   | 40     | 12     | 0.83      | -0.003    | 2.543 | 0.01      | 0.007     | 0         | 56.3 | 58.5 | 63.2 | 160        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 10   | 55     | 12     | 0.85      | -0.03     | 2.543 | 0.01      | 0.007     | 0         | 55.5 | 58.9 | 64.1 | 158        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 11   | 10     | 12     | 0.879     | -0.007    | 2.546 | 0.01      | 0.007     | 0         | 55.5 | 58.9 | 64.5 | 158        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 11   | 25     | 12     | 0.912     | -0.023    | 2.546 | 0.01      | 0.007     | 0         | 55.5 | 58   | 65.4 | 158        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 11   | 40     | 12     | 0.866     | -0.016    | 2.549 | 0.01      | 0.007     | 0         | 55.5 | 58   | 65.4 | 158        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 11   | 55     | 12     | 0.876     | -0.052    | 2.549 | 0.01      | 0.007     | 0         | 55   | 58   | 65.4 | 157        | 164        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 28  | 12   | 10     | 12     | 0.866     | -0.033    | 2.549 | 0.01      | 0.007     | 0         | 55.5 | 58   | 65.8 | 158        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 12   | 25     | 12     | 0.899     | -0.079    | 2.552 | 0.01      | 0.007     | 0         | 55.5 | 58.5 | 65.4 | 158        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 12   | 40     | 12     | 0.879     | -0.056    | 2.549 | 0.01      | 0.007     | 0         | 55   | 57.6 | 57.2 | 157        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 12   | 55     | 12     | 0.86      | -0.056    | 2.549 | 0.01      | 0.007     | 0         | 55   | 58   | 53.8 | 157        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 13   | 10     | 12     | 0.925     | -0.059    | 2.546 | 0.013     | 0.01      | 0         | 54.6 | 57.6 | 45.6 | 156        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 13   | 25     | 12     | 0.902     | -0.046    | 2.549 | 0.01      | 0.007     | 0         | 55.5 | 58.5 | 56.8 | 158        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 13   | 40     | 12     | 0.892     | -0.079    | 2.549 | 0.01      | 0.007     | 0         | 55.5 | 58   | 60.6 | 158        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 13   | 55     | 12     | 0.909     | -0.062    | 2.549 | 0.013     | 0.01      | 0         | 55   | 58.5 | 55.5 | 157        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 14   | 10     | 12     | 0.928     | -0.052    | 2.546 | 0.01      | 0.007     | 0         | 55   | 58   | 43.4 | 157        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 14   | 25     | 12     | 0.948     | -0.039    | 2.549 | 0.01      | 0.007     | 0         | 54.6 | 58   | 44.3 | 156        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 14   | 40     | 12     | 0.886     | -0.049    | 2.552 | 0.013     | 0.01      | 0         | 55.5 | 58   | 64.1 | 157        | 163        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 14   | 55     | 12     | 0.902     | -0.039    | 2.549 | 0.01      | 0.007     | 0         | 54.6 | 58   | 44.3 | 156        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 15   | 10     | 12     | 0.902     | -0.026    | 2.552 | 0.01      | 0.007     | 0         | 55   | 58   | 44.3 | 156        | 163        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 15   | 25     | 12     | 0.896     | -0.046    | 2.552 | 0.01      | 0.007     | 0         | 54.6 | 58   | 52.5 | 156        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 15   | 40     | 12     | 0.902     | -0.033    | 2.552 | 0.01      | 0.007     | 0         | 54.6 | 58   | 40   | 156        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 15   | 55     | 12     | 0.909     | -0.039    | 2.556 | 0.01      | 0.007     | 0         | 55   | 57.6 | 57.2 | 156        | 162        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 16   | 10     | 12     | 0.915     | -0.046    | 2.556 | 0.01      | 0.007     | 0         | 54.6 | 57.2 | 47.3 | 156        | 162        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 16   | 25     | 12     | 0.928     | -0.033    | 2.556 | 0.013     | 0.01      | 0         | 54.6 | 57.6 | 43   | 156        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 16   | 40     | 12     | 0.925     | -0.049    | 2.556 | 0.01      | 0.007     | 0         | 55   | 58   | 46.4 | 156        | 163        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 16   | 55     | 12     | 0.912     | -0.016    | 2.559 | 0.01      | 0.007     | 0         | 55   | 58.5 | 58.5 | 156        | 163        | 0          | 28     | 27     |
| 2009 | 6     | 28  | 17   | 10     | 12     | 0.896     | -0.03     | 2.556 | 0.01      | 0.007     | 0         | 54.6 | 58   | 44.7 | 156        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 17   | 25     | 12     | 0.919     | -0.049    | 2.559 | 0.01      | 0.007     | 0         | 55   | 57.6 | 43.4 | 157        | 162        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 17   | 40     | 12     | 0.935     | -0.075    | 2.562 | 0.01      | 0.007     | 0         | 54.6 | 57.2 | 57.2 | 155        | 161        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 17   | 55     | 12     | 0.899     | -0.033    | 2.566 | 0.01      | 0.007     | 0         | 54.6 | 57.6 | 64.5 | 156        | 162        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 18   | 10     | 12     | 0.951     | -0.02     | 2.559 | 0.01      | 0.007     | 0         | 55   | 57.6 | 41.7 | 157        | 162        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 18   | 25     | 12     | 0.915     | -0.049    | 2.559 | 0.01      | 0.007     | 0         | 55.5 | 57.6 | 41.7 | 157        | 162        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 18   | 40     | 12     | 0.922     | -0.03     | 2.566 | 0.01      | 0.007     | 0         | 55.5 | 58   | 52.5 | 158        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 18   | 55     | 12     | 0.915     | -0.03     | 2.566 | 0.01      | 0.007     | 0         | 55.9 | 57.6 | 54.2 | 159        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 19   | 10     | 12     | 0.928     | -0.039    | 2.569 | 0.01      | 0.007     | 0         | 56.8 | 58.5 | 62.4 | 160        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 19   | 25     | 12     | 0.899     | -0.036    | 2.572 | 0.01      | 0.007     | 0         | 56.3 | 58   | 68.4 | 159        | 163        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 19   | 40     | 12     | 0.912     | -0.056    | 2.572 | 0.01      | 0.007     | 0         | 55.5 | 58   | 68.4 | 158        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 19   | 55     | 12     | 0.915     | -0.003    | 2.572 | 0.01      | 0.007     | 0         | 55.9 | 58.5 | 67.9 | 159        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 20   | 10     | 12     | 0.896     | -0.039    | 2.572 | 0.01      | 0.007     | 0         | 55.9 | 58.5 | 67.9 | 159        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 20   | 25     | 12     | 0.912     | -0.023    | 2.572 | 0.01      | 0.007     | 0         | 56.3 | 56.8 | 69.2 | 159        | 160        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 20   | 40     | 12     | 0.876     | -0.02     | 2.575 | 0.01      | 0.007     | 0         | 55.5 | 58   | 68.4 | 158        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 20   | 55     | 12     | 0.899     | -0.03     | 2.575 | 0.01      | 0.007     | 0         | 55.9 | 56.8 | 68.8 | 158        | 160        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 21   | 10     | 12     | 0.892     | -0.016    | 2.575 | 0.01      | 0.007     | 0         | 56.3 | 57.6 | 68.4 | 159        | 163        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 21   | 25     | 12     | 0.906     | -0.039    | 2.575 | 0.01      | 0.007     | 0         | 56.3 | 58.5 | 68.4 | 160        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 21   | 40     | 12     | 0.909     | -0.039    | 2.575 | 0.01      | 0.007     | 0         | 55.9 | 57.6 | 67.5 | 159        | 163        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 21   | 55     | 12     | 0.932     | -0.039    | 2.575 | 0.01      | 0.007     | 0         | 55.9 | 58   | 67.9 | 159        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 22   | 10     | 12     | 0.896     | -0.01     | 2.575 | 0.01      | 0.007     | 0         | 55.9 | 58   | 67.9 | 159        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 22   | 25     | 12     | 0.938     | -0.016    | 2.575 | 0.013     | 0.01      | 0         | 56.3 | 58   | 67.1 | 160        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 22   | 40     | 12     | 0.892     | -0.016    | 2.575 | 0.01      | 0.007     | 0         | 55.9 | 58.5 | 67.5 | 159        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 22   | 55     | 12     | 0.938     | -0.01     | 2.575 | 0.01      | 0.007     | 0         | 55.9 | 58.5 | 67.1 | 159        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 28  | 23   | 10     | 12     | 0.919     | -0.036    | 2.579 | 0.01      | 0.007     | 0         | 56.3 | 58.5 | 67.1 | 159        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 28  | 23   | 25     | 12     | 0.932     | -0.03     | 2.579 | 0.01      | 0.007     | 0         | 55.9 | 58   | 67.1 | 159        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 28  | 23   | 40     | 12     | 0.915     | -0.03     | 2.579 | 0.013     | 0.01      | 0         | 56.8 | 58   | 66.2 | 160        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 28  | 23   | 55     | 12     | 0.919     | -0.049    | 2.579 | 0.01      | 0.007     | 0         | 56.3 | 58   | 66.2 | 160        | 164        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 29  | 0    | 10     | 12     | 0.906     | -0.033    | 2.579 | 0.01      | 0.007     | 0         | 56.3 | 58   | 66.2 | 160        | 164        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 0    | 25     | 12     | 0.925     | -0.033    | 2.582 | 0.01      | 0.007     | 0         | 56.8 | 58.5 | 65.4 | 161        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 0    | 40     | 12     | 0.896     | -0.016    | 2.582 | 0.01      | 0.007     | 0         | 57.2 | 58   | 65.4 | 161        | 164        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 0    | 55     | 12     | 0.942     | -0.039    | 2.582 | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 64.5 | 161        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 1    | 10     | 12     | 0.922     | -0.043    | 2.582 | 0.01      | 0.007     | 0         | 57.2 | 59.3 | 64.1 | 162        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 1    | 25     | 12     | 0.909     | -0.062    | 2.585 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 63.6 | 162        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 1    | 40     | 12     | 0.889     | -0.016    | 2.592 | 0.013     | 0.01      | 0         | 57.2 | 59.3 | 64.1 | 162        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 1    | 55     | 12     | 0.866     | 0.01      | 2.595 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 64.5 | 162        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 2    | 10     | 12     | 0.915     | -0.016    | 2.595 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 64.9 | 161        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 2    | 25     | 12     | 0.906     | -0.016    | 2.598 | 0.013     | 0.01      | 0         | 57.2 | 59.8 | 65.4 | 162        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 2    | 40     | 12     | 0.932     | -0.052    | 2.598 | 0.013     | 0.01      | 0         | 56.3 | 58.9 | 66.2 | 160        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 2    | 55     | 12     | 0.945     | -0.049    | 2.598 | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 67.1 | 161        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 3    | 10     | 12     | 0.945     | -0.023    | 2.602 | 0.01      | 0.007     | 0         | 56.8 | 59.3 | 67.1 | 161        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 3    | 25     | 12     | 0.912     | -0.033    | 2.602 | 0.01      | 0.007     | 0         | 56.8 | 58.9 | 67.5 | 161        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 3    | 40     | 12     | 0.935     | -0.013    | 2.602 | 0.01      | 0.007     | 0         | 57.2 | 59.3 | 67.5 | 162        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 3    | 55     | 12     | 0.899     | -0.043    | 2.602 | 0.01      | 0.007     | 0         | 57.2 | 59.3 | 67.5 | 162        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 4    | 10     | 12     | 0.925     | -0.033    | 2.602 | 0.016     | 0.013     | 0         | 57.2 | 58.9 | 67.5 | 162        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 4    | 25     | 12     | 0.928     | -0.007    | 2.605 | 0.01      | 0.007     | 0         | 57.2 | 59.8 | 67.5 | 162        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 4    | 40     | 12     | 0.876     | 0         | 2.605 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 66.7 | 163        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 4    | 55     | 12     | 0.886     | -0.013    | 2.605 | 0.01      | 0.007     | 0         | 57.2 | 59.3 | 66.7 | 162        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 5    | 10     | 12     | 0.899     | -0.016    | 2.605 | 0.01      | 0.007     | 0         | 57.2 | 59.8 | 66.7 | 162        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 5    | 25     | 12     | 0.932     | -0.039    | 2.605 | 0.01      | 0.007     | 0         | 57.6 | 59.8 | 66.2 | 163        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 5    | 40     | 12     | 0.899     | -0.007    | 2.608 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 65.8 | 163        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 5    | 55     | 12     | 0.935     | -0.02     | 2.608 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 65.4 | 163        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 6    | 10     | 12     | 0.912     | -0.026    | 2.608 | 0.01      | 0.007     | 0         | 57.2 | 59.3 | 65.4 | 163        | 167        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 6    | 25     | 12     | 0.912     | -0.016    | 2.608 | 0.013     | 0.01      | 0         | 57.6 | 59.8 | 64.5 | 163        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 6    | 40     | 12     | 0.942     | -0.02     | 2.612 | 0.013     | 0.01      | 0         | 57.6 | 59.3 | 64.1 | 163        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 6    | 55     | 12     | 0.948     | -0.033    | 2.615 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 63.6 | 163        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 7    | 10     | 12     | 0.935     | -0.026    | 2.621 | 0.013     | 0.01      | 0         | 57.6 | 59.3 | 63.2 | 163        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 7    | 25     | 12     | 0.945     | -0.039    | 2.625 | 0.01      | 0.007     | 0         | 57.2 | 59.8 | 64.1 | 163        | 167        | 0          | 30     | 28     |
| 2009 | 6     | 29  | 7    | 40     | 12     | 0.922     | -0.023    | 2.625 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 62.8 | 163        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 7    | 55     | 12     | 0.909     | -0.033    | 2.628 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 63.6 | 163        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 8    | 10     | 12     | 0.906     | -0.039    | 2.628 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 64.9 | 163        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 8    | 25     | 12     | 0.925     | 0.003     | 2.631 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 64.9 | 163        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 8    | 40     | 12     | 0.945     | -0.023    | 2.631 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 64.9 | 162        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 8    | 55     | 12     | 0.919     | 0         | 2.631 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 63.6 | 163        | 166        | 0          | 30     | 29     |
| 2009 | 6     | 29  | 9    | 10     | 12     | 0.915     | -0.023    | 2.635 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 59.3 | 162        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 9    | 25     | 12     | 0.938     | -0.013    | 2.635 | 0.01      | 0.007     | 0         | 57.2 | 58.9 | 64.1 | 162        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 9    | 40     | 12     | 0.915     | -0.013    | 2.635 | 0.01      | 0.007     | 0         | 57.6 | 59.3 | 57.2 | 163        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 9    | 55     | 12     | 0.938     | -0.023    | 2.638 | 0.01      | 0.007     | 0         | 62.8 | 60.2 | 61.1 | 174        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 10   | 10     | 12     | 0.906     | -0.066    | 2.638 | 0.01      | 0.007     | 0         | 62.8 | 60.2 | 54.6 | 175        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 10   | 25     | 12     | 0.945     | -0.023    | 2.638 | 0.016     | 0.013     | 0         | 61.9 | 59.8 | 60.2 | 173        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 10   | 40     | 12     | 0.948     | 0         | 2.641 | 0.01      | 0.007     | 0         | 61.5 | 59.3 | 67.5 | 172        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 10   | 55     | 12     | 0.938     | 0         | 2.641 | 0.01      | 0.007     | 0         | 61.5 | 59.3 | 67.1 | 172        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 11   | 10     | 12     | 0.968     | -0.052    | 2.641 | 0.01      | 0.007     | 0         | 61.5 | 59.3 | 65.8 | 172        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 11   | 25     | 12     | 0.981     | -0.02     | 2.641 | 0.01      | 0.007     | 0         | 61.5 | 59.8 | 39.1 | 172        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 11   | 40     | 12     | 1.007     | -0.03     | 2.641 | 0.01      | 0.007     | 0         | 61.5 | 59.3 | 38.7 | 172        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 11   | 55     | 12     | 0.988     | -0.02     | 2.641 | 0.01      | 0.007     | 0         | 61.5 | 58.9 | 42.6 | 172        | 166        | 0          | 29     | 29     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 29  | 12   | 10     | 12     | 0.984     | 0         | 2.644 | 0.01      | 0.007     | 0         | 61.5 | 58.9 | 41.3 | 171        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 12   | 25     | 12     | 0.951     | -0.03     | 2.644 | 0.01      | 0.007     | 0         | 61.1 | 58.9 | 44.3 | 171        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 12   | 40     | 12     | 0.932     | -0.013    | 2.644 | 0.01      | 0.007     | 0         | 61.5 | 59.3 | 55.5 | 171        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 12   | 55     | 12     | 0.945     | -0.033    | 2.644 | 0.01      | 0.007     | 0         | 61.1 | 59.3 | 50.7 | 171        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 13   | 10     | 12     | 0.951     | -0.033    | 2.648 | 0.01      | 0.007     | 0         | 61.1 | 58.9 | 67.5 | 171        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 13   | 25     | 12     | 0.971     | -0.033    | 2.648 | 0.01      | 0.007     | 0         | 61.9 | 58.9 | 67.5 | 172        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 13   | 40     | 12     | 0.951     | -0.052    | 2.648 | 0.013     | 0.01      | 0         | 61.1 | 58.9 | 50.3 | 170        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 13   | 55     | 12     | 0.925     | -0.013    | 2.648 | 0.01      | 0.007     | 0         | 61.9 | 59.8 | 60.6 | 172        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 14   | 10     | 12     | 0.961     | -0.046    | 2.644 | 0.01      | 0.007     | 0         | 61.5 | 59.3 | 43.9 | 171        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 14   | 25     | 12     | 0.919     | -0.02     | 2.651 | 0.01      | 0.007     | 0         | 61.1 | 58.9 | 64.1 | 171        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 14   | 40     | 12     | 0.978     | -0.026    | 2.651 | 0.01      | 0.007     | 0         | 61.1 | 58.9 | 54.2 | 170        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 14   | 55     | 12     | 0.984     | -0.02     | 2.644 | 0.01      | 0.007     | 0         | 60.6 | 58.5 | 39.1 | 169        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 15   | 10     | 12     | 0.965     | 0         | 2.651 | 0.01      | 0.007     | 0         | 61.1 | 58.9 | 65.4 | 170        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 15   | 25     | 12     | 0.955     | -0.039    | 2.648 | 0.013     | 0.01      | 0         | 61.5 | 58.9 | 45.6 | 171        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 15   | 40     | 12     | 0.961     | -0.02     | 2.651 | 0.01      | 0.007     | 0         | 61.5 | 58.9 | 47.3 | 171        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 15   | 55     | 12     | 0.958     | -0.016    | 2.654 | 0.01      | 0.007     | 0         | 61.5 | 58.9 | 67.5 | 171        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 16   | 10     | 12     | 0.925     | -0.043    | 2.651 | 0.01      | 0.007     | 0         | 61.5 | 58.9 | 65.8 | 171        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 16   | 25     | 12     | 0.909     | -0.026    | 2.654 | 0.013     | 0.01      | 0         | 61.9 | 58.9 | 67.5 | 172        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 16   | 40     | 12     | 0.928     | -0.033    | 2.654 | 0.01      | 0.007     | 0         | 61.5 | 59.3 | 67.5 | 171        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 16   | 55     | 12     | 0.955     | -0.013    | 2.654 | 0.01      | 0.007     | 0         | 61.5 | 59.3 | 65.4 | 171        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 17   | 10     | 12     | 0.928     | -0.016    | 2.654 | 0.01      | 0.007     | 0         | 61.5 | 59.3 | 66.2 | 172        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 17   | 25     | 12     | 0.971     | -0.016    | 2.654 | 0.01      | 0.007     | 0         | 61.5 | 58.9 | 67.9 | 171        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 17   | 40     | 12     | 0.951     | -0.013    | 2.654 | 0.01      | 0.007     | 0         | 61.9 | 59.3 | 61.1 | 172        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 17   | 55     | 12     | 0.919     | 0.02      | 2.654 | 0.01      | 0.007     | 0         | 62.4 | 60.2 | 63.2 | 173        | 167        | 0          | 28     | 27     |
| 2009 | 6     | 29  | 18   | 10     | 12     | 0.932     | -0.01     | 2.654 | 0.01      | 0.007     | 0         | 61.5 | 59.3 | 66.7 | 171        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 18   | 25     | 12     | 0.938     | -0.023    | 2.651 | 0.01      | 0.007     | 0         | 61.5 | 59.3 | 62.4 | 172        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 18   | 40     | 12     | 0.951     | -0.033    | 2.651 | 0.01      | 0.007     | 0         | 61.9 | 59.3 | 61.9 | 172        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 18   | 55     | 12     | 0.932     | -0.013    | 2.654 | 0.01      | 0.007     | 0         | 61.9 | 59.8 | 66.2 | 172        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 19   | 10     | 12     | 0.968     | -0.02     | 2.654 | 0.01      | 0.007     | 0         | 61.9 | 59.3 | 67.1 | 172        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 19   | 25     | 12     | 0.928     | -0.013    | 2.654 | 0.013     | 0.01      | 0         | 61.5 | 59.8 | 67.1 | 171        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 29  | 19   | 40     | 12     | 0.928     | -0.01     | 2.654 | 0.01      | 0.007     | 0         | 61.5 | 58.9 | 66.7 | 171        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 19   | 55     | 12     | 0.961     | -0.003    | 2.654 | 0.01      | 0.007     | 0         | 61.5 | 59.3 | 67.1 | 171        | 165        | 0          | 28     | 27     |
| 2009 | 6     | 29  | 20   | 10     | 12     | 0.955     | -0.016    | 2.657 | 0.01      | 0.007     | 0         | 61.5 | 58.9 | 67.1 | 171        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 20   | 25     | 12     | 0.958     | -0.033    | 2.657 | 0.01      | 0.007     | 0         | 61.5 | 59.3 | 67.5 | 171        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 20   | 40     | 12     | 0.938     | -0.023    | 2.657 | 0.013     | 0.01      | 0         | 61.5 | 59.8 | 66.7 | 172        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 20   | 55     | 12     | 0.942     | -0.013    | 2.657 | 0.01      | 0.007     | 0         | 61.9 | 59.8 | 66.7 | 172        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 21   | 10     | 12     | 0.997     | -0.013    | 2.657 | 0.01      | 0.007     | 0         | 61.5 | 58.9 | 66.7 | 172        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 21   | 25     | 12     | 0.945     | -0.026    | 2.657 | 0.013     | 0.01      | 0         | 61.5 | 59.8 | 66.2 | 172        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 21   | 40     | 12     | 0.928     | 0         | 2.657 | 0.01      | 0.007     | 0         | 61.5 | 59.3 | 66.2 | 172        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 21   | 55     | 12     | 0.948     | -0.03     | 2.657 | 0.013     | 0.01      | 0         | 61.5 | 58.9 | 66.7 | 172        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 29  | 22   | 10     | 12     | 0.935     | -0.026    | 2.657 | 0.01      | 0.007     | 0         | 61.5 | 59.3 | 66.2 | 172        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 22   | 25     | 12     | 0.948     | -0.033    | 2.657 | 0.01      | 0.007     | 0         | 61.1 | 59.3 | 65.8 | 171        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 22   | 40     | 12     | 0.965     | -0.03     | 2.657 | 0.01      | 0.007     | 0         | 61.5 | 59.3 | 65.8 | 172        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 22   | 55     | 12     | 0.938     | -0.01     | 2.657 | 0.01      | 0.007     | 0         | 61.1 | 58.9 | 65.4 | 171        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 23   | 10     | 12     | 0.955     | -0.036    | 2.661 | 0.01      | 0.007     | 0         | 61.5 | 58.9 | 65.4 | 171        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 29  | 23   | 25     | 12     | 0.981     | -0.016    | 2.661 | 0.01      | 0.007     | 0         | 61.5 | 59.3 | 64.9 | 171        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 29  | 23   | 40     | 12     | 0.958     | -0.016    | 2.661 | 0.01      | 0.007     | 0         | 61.5 | 59.3 | 64.5 | 172        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 29  | 23   | 55     | 12     | 0.945     | 0.01      | 2.661 | 0.01      | 0.007     | 0         | 61.1 | 59.3 | 64.5 | 171        | 166        | 0          | 29     | 28     |



| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 30  | 0    | 10     | 12     | 0.951     | 0         | 2.661 | 0.01      | 0.007     | 0         | 61.5 | 58.9 | 64.1 | 171        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 0    | 25     | 12     | 0.965     | -0.016    | 2.664 | 0.013     | 0.01      | 0         | 61.1 | 59.3 | 63.6 | 171        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 0    | 40     | 12     | 0.922     | -0.026    | 2.667 | 0.01      | 0.007     | 0         | 61.1 | 58.9 | 63.6 | 171        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 0    | 55     | 12     | 0.984     | -0.033    | 2.671 | 0.013     | 0.01      | 0         | 61.1 | 58.9 | 63.6 | 171        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 1    | 10     | 12     | 0.938     | -0.013    | 2.674 | 0.013     | 0.01      | 0         | 61.1 | 58.9 | 63.6 | 171        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 1    | 25     | 12     | 0.922     | -0.036    | 2.674 | 0.01      | 0.007     | 0         | 61.5 | 59.3 | 64.1 | 171        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 1    | 40     | 12     | 0.942     | -0.03     | 2.677 | 0.01      | 0.007     | 0         | 61.1 | 59.3 | 64.1 | 171        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 1    | 55     | 12     | 0.961     | -0.049    | 2.677 | 0.01      | 0.007     | 0         | 61.1 | 59.3 | 64.9 | 171        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 2    | 10     | 12     | 1.004     | 0         | 2.677 | 0.01      | 0.007     | 0         | 61.5 | 58.9 | 65.8 | 171        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 2    | 25     | 12     | 0.928     | -0.013    | 2.68  | 0.01      | 0.007     | 0         | 61.1 | 59.3 | 65.8 | 171        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 2    | 40     | 12     | 0.965     | -0.03     | 2.68  | 0.01      | 0.007     | 0         | 61.1 | 58.9 | 67.1 | 171        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 2    | 55     | 12     | 0.955     | -0.026    | 2.68  | 0.01      | 0.007     | 0         | 61.1 | 58.9 | 66.7 | 170        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 3    | 10     | 12     | 0.968     | 0         | 2.68  | 0.01      | 0.007     | 0         | 61.1 | 59.3 | 67.1 | 171        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 3    | 25     | 12     | 0.961     | -0.007    | 2.68  | 0.01      | 0.007     | 0         | 61.1 | 58.9 | 67.9 | 171        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 3    | 40     | 12     | 0.938     | -0.016    | 2.68  | 0.01      | 0.007     | 0         | 61.1 | 59.3 | 67.1 | 171        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 3    | 55     | 12     | 0.942     | -0.003    | 2.684 | 0.01      | 0.007     | 0         | 61.5 | 59.3 | 66.7 | 171        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 4    | 10     | 12     | 0.978     | 0         | 2.684 | 0.01      | 0.007     | 0         | 61.1 | 58.9 | 66.7 | 171        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 4    | 25     | 12     | 0.945     | -0.007    | 2.684 | 0.01      | 0.007     | 0         | 60.6 | 58.9 | 67.1 | 170        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 4    | 40     | 12     | 0.965     | -0.026    | 2.684 | 0.013     | 0.01      | 0         | 60.6 | 59.3 | 67.1 | 170        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 4    | 55     | 12     | 0.981     | -0.039    | 2.684 | 0.01      | 0.007     | 0         | 60.6 | 58.5 | 67.1 | 170        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 5    | 10     | 12     | 0.958     | -0.03     | 2.684 | 0.01      | 0.007     | 0         | 61.1 | 59.3 | 65.8 | 171        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 5    | 25     | 12     | 0.965     | -0.03     | 2.687 | 0.01      | 0.007     | 0         | 61.1 | 59.3 | 66.2 | 171        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 5    | 40     | 12     | 0.961     | -0.016    | 2.687 | 0.01      | 0.007     | 0         | 61.5 | 59.3 | 65.4 | 172        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 5    | 55     | 12     | 0.935     | 0         | 2.687 | 0.01      | 0.007     | 0         | 61.5 | 60.2 | 64.5 | 172        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 6    | 10     | 12     | 0.928     | -0.023    | 2.687 | 0.01      | 0.007     | 0         | 61.5 | 59.8 | 64.9 | 172        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 6    | 25     | 12     | 0.948     | -0.026    | 2.687 | 0.01      | 0.007     | 0         | 61.5 | 59.8 | 64.5 | 172        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 6    | 40     | 12     | 0.932     | -0.043    | 2.69  | 0.013     | 0.01      | 0         | 61.9 | 60.2 | 61.1 | 173        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 6    | 55     | 12     | 0.928     | -0.033    | 2.69  | 0.01      | 0.007     | 0         | 62.4 | 60.2 | 63.2 | 173        | 169        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 7    | 10     | 12     | 0.961     | -0.033    | 2.69  | 0.01      | 0.007     | 0         | 61.9 | 60.2 | 62.8 | 173        | 169        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 7    | 25     | 12     | 0.951     | -0.016    | 2.694 | 0.01      | 0.007     | 0         | 61.9 | 60.6 | 63.2 | 173        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 7    | 40     | 12     | 0.951     | -0.016    | 2.694 | 0.01      | 0.007     | 0         | 61.9 | 60.6 | 62.4 | 173        | 169        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 7    | 55     | 12     | 0.981     | -0.039    | 2.7   | 0.01      | 0.007     | 0         | 61.5 | 60.2 | 62.8 | 172        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 8    | 10     | 12     | 0.958     | -0.016    | 2.7   | 0.01      | 0.007     | 0         | 61.5 | 60.2 | 60.6 | 172        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 8    | 25     | 12     | 0.958     | -0.003    | 2.703 | 0.01      | 0.007     | 0         | 61.9 | 60.2 | 63.2 | 172        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 8    | 40     | 12     | 0.961     | 0         | 2.703 | 0.013     | 0.01      | 0         | 61.9 | 60.2 | 63.2 | 172        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 8    | 55     | 12     | 0.965     | 0         | 2.707 | 0.01      | 0.007     | 0         | 61.1 | 60.2 | 63.6 | 171        | 167        | 0          | 29     | 27     |
| 2009 | 6     | 30  | 9    | 10     | 12     | 0.971     | -0.03     | 2.707 | 0.013     | 0.01      | 0         | 61.1 | 59.8 | 63.6 | 171        | 167        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 9    | 25     | 12     | 0.951     | -0.01     | 2.71  | 0.01      | 0.007     | 0         | 60.6 | 59.8 | 63.2 | 171        | 167        | 0          | 30     | 28     |
| 2009 | 6     | 30  | 9    | 40     | 12     | 0.932     | 0         | 2.71  | 0.013     | 0.01      | 0         | 61.5 | 59.8 | 64.5 | 172        | 168        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 9    | 55     | 12     | 0.948     | -0.026    | 2.71  | 0.01      | 0.007     | 0         | 61.1 | 59.3 | 64.5 | 171        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 10   | 10     | 12     | 0.951     | -0.016    | 2.71  | 0.01      | 0.007     | 0         | 61.1 | 59.8 | 64.9 | 170        | 167        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 10   | 25     | 12     | 0.978     | -0.03     | 2.713 | 0.01      | 0.007     | 0         | 61.1 | 59.3 | 64.9 | 171        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 10   | 40     | 12     | 0.965     | 0         | 2.713 | 0.01      | 0.007     | 0         | 61.1 | 59.3 | 64.9 | 171        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 10   | 55     | 12     | 0.981     | -0.036    | 2.713 | 0.01      | 0.007     | 0         | 60.6 | 58.9 | 65.4 | 170        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 11   | 10     | 12     | 0.988     | -0.052    | 2.713 | 0.013     | 0.01      | 0         | 60.6 | 58.9 | 64.9 | 170        | 166        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 11   | 25     | 12     | 0.994     | -0.033    | 2.713 | 0.01      | 0.007     | 0         | 61.1 | 58.9 | 65.4 | 170        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 11   | 40     | 12     | 0.971     | -0.043    | 2.713 | 0.01      | 0.007     | 0         | 60.6 | 59.3 | 65.4 | 170        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 11   | 55     | 12     | 0.955     | -0.033    | 2.713 | 0.01      | 0.007     | 0         | 60.6 | 59.3 | 64.9 | 170        | 166        | 0          | 29     | 28     |

| Year | Month | Day | Hour | Minute | Second | VelocityX | VelocityY | Level | StdError1 | StdError2 | StdError3 | SNR1 | SNR2 | SNR3 | SignalAmp1 | SignalAmp2 | SignalAmp3 | Noise1 | Noise2 |
|------|-------|-----|------|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|------|------|------|------------|------------|------------|--------|--------|
| 2009 | 6     | 30  | 12   | 10     | 12     | 1.001     | -0.033    | 2.717 | 0.01      | 0.007     | 0         | 61.1 | 58.9 | 64.9 | 170        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 12   | 25     | 12     | 0.984     | -0.013    | 2.71  | 0.01      | 0.007     | 0         | 60.2 | 58.9 | 44.7 | 169        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 12   | 40     | 12     | 0.997     | -0.013    | 2.71  | 0.01      | 0.007     | 0         | 60.2 | 58.9 | 49.5 | 169        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 12   | 55     | 12     | 0.988     | -0.052    | 2.71  | 0.01      | 0.007     | 0         | 60.2 | 58.9 | 42.1 | 169        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 13   | 10     | 12     | 1.01      | -0.02     | 2.707 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 41.3 | 168        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 13   | 25     | 12     | 0.991     | -0.033    | 2.71  | 0.01      | 0.007     | 0         | 60.2 | 58.5 | 51.2 | 168        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 13   | 40     | 12     | 0.971     | -0.016    | 2.707 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 51.6 | 168        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 13   | 55     | 12     | 0.974     | -0.046    | 2.707 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 51.6 | 167        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 14   | 10     | 12     | 0.991     | 0         | 2.707 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 52   | 168        | 164        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 14   | 25     | 12     | 1.02      | -0.046    | 2.707 | 0.01      | 0.007     | 0         | 58.9 | 58   | 46.4 | 166        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 14   | 40     | 12     | 1.017     | -0.059    | 2.707 | 0.01      | 0.007     | 0         | 59.3 | 58   | 42.6 | 167        | 163        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 14   | 55     | 12     | 0.974     | -0.026    | 2.707 | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 58.9 | 167        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 15   | 10     | 12     | 0.994     | -0.013    | 2.707 | 0.01      | 0.007     | 0         | 60.2 | 58.5 | 63.6 | 168        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 15   | 25     | 12     | 0.932     | -0.007    | 2.707 | 0.01      | 0.007     | 0         | 60.6 | 58.9 | 64.1 | 169        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 15   | 40     | 12     | 0.978     | -0.013    | 2.707 | 0.01      | 0.007     | 0         | 60.2 | 58.5 | 61.9 | 169        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 15   | 55     | 12     | 0.942     | 0.003     | 2.707 | 0.01      | 0.007     | 0         | 61.9 | 60.2 | 62.4 | 172        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 16   | 10     | 12     | 0.948     | -0.023    | 2.71  | 0.01      | 0.007     | 0         | 61.9 | 60.2 | 62.8 | 172        | 168        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 16   | 25     | 12     | 0.955     | 0         | 2.71  | 0.01      | 0.007     | 0         | 61.5 | 60.2 | 62.4 | 172        | 168        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 16   | 40     | 12     | 0.978     | -0.02     | 2.71  | 0.01      | 0.007     | 0         | 60.6 | 59.3 | 62.4 | 170        | 167        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 16   | 55     | 12     | 0.971     | 0         | 2.71  | 0.01      | 0.007     | 0         | 60.2 | 59.3 | 49.9 | 169        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 17   | 10     | 12     | 1.007     | -0.013    | 2.71  | 0.01      | 0.007     | 0         | 60.2 | 59.3 | 57.2 | 169        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 17   | 25     | 12     | 1.02      | -0.03     | 2.707 | 0.01      | 0.007     | 0         | 60.6 | 59.3 | 45.2 | 169        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 17   | 40     | 12     | 0.974     | 0.003     | 2.707 | 0.01      | 0.007     | 0         | 60.2 | 59.3 | 40   | 169        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 17   | 55     | 12     | 1.02      | -0.013    | 2.707 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 41.3 | 168        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 18   | 10     | 12     | 0.997     | -0.02     | 2.71  | 0.013     | 0.01      | 0         | 60.2 | 58.5 | 42.6 | 168        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 18   | 25     | 12     | 0.991     | -0.013    | 2.707 | 0.01      | 0.007     | 0         | 60.2 | 58.5 | 58.9 | 168        | 164        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 18   | 40     | 12     | 0.958     | -0.016    | 2.71  | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 48.2 | 167        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 18   | 55     | 12     | 0.948     | -0.003    | 2.71  | 0.01      | 0.007     | 0         | 59.8 | 58.5 | 63.2 | 168        | 165        | 0          | 29     | 29     |
| 2009 | 6     | 30  | 19   | 10     | 12     | 0.958     | -0.016    | 2.71  | 0.01      | 0.007     | 0         | 59.3 | 59.3 | 64.5 | 167        | 165        | 0          | 29     | 27     |
| 2009 | 6     | 30  | 19   | 25     | 12     | 0.974     | -0.016    | 2.71  | 0.01      | 0.007     | 0         | 60.2 | 58.9 | 62.4 | 168        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 19   | 40     | 12     | 0.935     | -0.02     | 2.71  | 0.01      | 0.007     | 0         | 60.2 | 59.8 | 62.8 | 168        | 166        | 0          | 28     | 27     |
| 2009 | 6     | 30  | 19   | 55     | 12     | 0.935     | -0.003    | 2.71  | 0.01      | 0.007     | 0         | 60.2 | 58.9 | 64.1 | 168        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 20   | 10     | 12     | 0.951     | -0.036    | 2.71  | 0.01      | 0.007     | 0         | 60.2 | 58.9 | 63.6 | 168        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 20   | 25     | 12     | 0.981     | -0.043    | 2.713 | 0.01      | 0.007     | 0         | 60.2 | 59.3 | 62.8 | 168        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 20   | 40     | 12     | 0.971     | -0.023    | 2.713 | 0.01      | 0.007     | 0         | 60.2 | 59.3 | 63.2 | 169        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 20   | 55     | 12     | 0.978     | -0.03     | 2.713 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 63.2 | 168        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 21   | 10     | 12     | 0.965     | -0.013    | 2.717 | 0.01      | 0.007     | 0         | 60.2 | 58.9 | 63.2 | 168        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 21   | 25     | 12     | 0.965     | -0.03     | 2.717 | 0.01      | 0.007     | 0         | 60.2 | 58.5 | 63.2 | 168        | 165        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 21   | 40     | 12     | 0.965     | -0.023    | 2.717 | 0.01      | 0.007     | 0         | 60.2 | 58.9 | 63.6 | 168        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 21   | 55     | 12     | 0.978     | -0.01     | 2.717 | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 64.1 | 168        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 22   | 10     | 12     | 0.988     | -0.03     | 2.717 | 0.01      | 0.007     | 0         | 60.2 | 58.9 | 63.6 | 168        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 22   | 25     | 12     | 0.965     | -0.046    | 2.717 | 0.01      | 0.007     | 0         | 60.2 | 58.9 | 64.1 | 168        | 165        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 22   | 40     | 12     | 0.928     | -0.03     | 2.717 | 0.01      | 0.007     | 0         | 60.2 | 59.3 | 63.6 | 169        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 22   | 55     | 12     | 0.991     | -0.033    | 2.72  | 0.01      | 0.007     | 0         | 59.8 | 59.3 | 64.1 | 168        | 166        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 23   | 10     | 12     | 1.007     | -0.03     | 2.72  | 0.01      | 0.007     | 0         | 59.8 | 58.9 | 64.9 | 168        | 165        | 0          | 29     | 28     |
| 2009 | 6     | 30  | 23   | 25     | 12     | 0.961     | -0.003    | 2.72  | 0.01      | 0.007     | 0         | 60.6 | 59.3 | 64.5 | 169        | 166        | 0          | 28     | 28     |
| 2009 | 6     | 30  | 23   | 40     | 12     | 0.978     | -0.003    | 2.72  | 0.01      | 0.007     | 0         | 60.6 | 58.9 | 64.1 | 169        | 166        | 0          | 28     | 29     |
| 2009 | 6     | 30  | 23   | 55     | 12     | 0.981     | -0.016    | 2.72  | 0.01      | 0.007     | 0         | 60.6 | 59.3 | 64.5 | 169        | 166        | 0          | 28     | 28     |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 1   | 0    | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 0    | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 0    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 0    | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 1    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 1    | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 1    | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 1    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 2    | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 3    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 4    | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 4    | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 4    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 4    | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 5    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 5    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 5    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 5    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 6    | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 6    | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 6    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 6    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 7    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 7    | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 7    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 7    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 8    | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 8    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 8    | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 8    | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 9    | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 9    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 12      |
| 2009 | 6     | 1   | 9    | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 9    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 10   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 10   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 12.4    |
| 2009 | 6     | 1   | 10   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 13      |
| 2009 | 6     | 1   | 10   | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 13.2    |
| 2009 | 6     | 1   | 11   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 13      |
| 2009 | 6     | 1   | 11   | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 11   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12.6    |
| 2009 | 6     | 1   | 11   | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 13.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 1   | 12   | 6      | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 13.4    |
| 2009 | 6     | 1   | 12   | 21     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 13.2    |
| 2009 | 6     | 1   | 12   | 36     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 13      |
| 2009 | 6     | 1   | 12   | 51     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 13.2    |
| 2009 | 6     | 1   | 13   | 6      | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 13.2    |
| 2009 | 6     | 1   | 13   | 21     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 13.4    |
| 2009 | 6     | 1   | 13   | 36     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 13.2    |
| 2009 | 6     | 1   | 13   | 51     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 13      |
| 2009 | 6     | 1   | 14   | 6      | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 13.2    |
| 2009 | 6     | 1   | 14   | 21     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 13.2    |
| 2009 | 6     | 1   | 14   | 36     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 14   | 51     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 15   | 6      | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 15   | 21     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 15   | 36     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 1   | 15   | 51     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 16   | 6      | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12      |
| 2009 | 6     | 1   | 16   | 21     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12      |
| 2009 | 6     | 1   | 16   | 36     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 16   | 51     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 17   | 6      | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 17   | 21     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 17   | 36     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 17   | 51     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 18   | 6      | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12      |
| 2009 | 6     | 1   | 18   | 21     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 18   | 36     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 18   | 51     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 19   | 6      | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 19   | 21     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 19   | 36     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 19   | 51     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 20   | 6      | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 20   | 21     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 20   | 36     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 20   | 51     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 1   | 21   | 6      | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 21   | 21     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 21   | 36     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 21   | 51     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 22   | 6      | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 22   | 21     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 22   | 36     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 22   | 51     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 23   | 6      | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 23   | 21     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 23   | 36     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 1   | 23   | 51     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 2   | 0    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 0    | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 0    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 0    | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 1    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 1    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 1    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 1    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 2    | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 2    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 2    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 2    | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 3    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 3    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 3    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 3    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 4    | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 4    | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 4    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 4    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 5    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 5    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 5    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 5    | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 6    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 6    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 6    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 6    | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 7    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 7    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 7    | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 7    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 8    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 8    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 8    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 8    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 9    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 9    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 9    | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 9    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 10   | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 10   | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 10   | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 10   | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 13.2    |
| 2009 | 6     | 2   | 11   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 13      |
| 2009 | 6     | 2   | 11   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 11   | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 13      |
| 2009 | 6     | 2   | 11   | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 2   | 12   | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 12   | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 12   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 13.2    |
| 2009 | 6     | 2   | 12   | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 13   | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 13   | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 13   | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 13   | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 14   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12.8    |
| 2009 | 6     | 2   | 14   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 13      |
| 2009 | 6     | 2   | 14   | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 14   | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 15   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 15   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 15   | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.6    |
| 2009 | 6     | 2   | 15   | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 16   | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 13      |
| 2009 | 6     | 2   | 16   | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 2   | 16   | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 16   | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.4    |
| 2009 | 6     | 2   | 17   | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 17   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 17   | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 17   | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12      |
| 2009 | 6     | 2   | 18   | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 18   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 18   | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 18   | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 19   | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 19   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 19   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 19   | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 20   | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 20   | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 20   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 12      |
| 2009 | 6     | 2   | 20   | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 21   | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 21   | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 21   | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 21   | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 22   | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 22   | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 22   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 22   | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 23   | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 23   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 23   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 2   | 23   | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 3   | 0    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 0    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 0    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 0    | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 1    | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 1    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 1    | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 1    | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 2    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 2    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 2    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 2    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 3    | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 3    | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 3    | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 3    | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 4    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 4    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 4    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 4    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 5    | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 5    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 5    | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 5    | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 6    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 6    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 6    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 6    | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 7    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 7    | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 7    | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 7    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 8    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 8    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 8    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 8    | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 9    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 9    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 9    | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 9    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 10   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 10   | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 10   | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 10   | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.64       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 11   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 11   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 11   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.73       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 11   | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 3   | 12   | 6      | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 12   | 21     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 12   | 36     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 12   | 51     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 13   | 6      | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 13   | 21     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 13   | 36     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 12      |
| 2009 | 6     | 3   | 13   | 51     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 14   | 6      | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 14   | 21     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 14   | 36     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 14   | 51     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 15   | 6      | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 15   | 21     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 15   | 36     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 15   | 51     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 16   | 6      | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 16   | 21     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 16   | 36     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 16   | 51     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 17   | 6      | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 17   | 21     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 17   | 36     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 17   | 51     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 18   | 6      | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 18   | 21     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 18   | 36     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 18   | 51     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 19   | 6      | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 19   | 21     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 19   | 36     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 3   | 19   | 51     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 20   | 6      | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 20   | 21     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 20   | 36     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 20   | 51     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 21   | 6      | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 21   | 21     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 21   | 36     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 21   | 51     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 22   | 6      | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 22   | 21     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 22   | 36     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 22   | 51     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 23   | 6      | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 23   | 21     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 23   | 36     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 3   | 23   | 51     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.23       | 0        | 0              | 11.6    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 4   | 0    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 0    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 0    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 0    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 1    | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 1    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 1    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 1    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 21     | 15     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 2    | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.24       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.15       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.99       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 3    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 4    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.5        | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.41       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 5    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.07       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 6    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 7    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 7    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.95       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 7    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 7    | 51     | 15     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 8    | 6      | 15     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 8    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 58.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 8    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59          | 0        | 0              | 11.6    |
| 2009 | 6     | 4   | 8    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 9    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 9    | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 9    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 9    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.47       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 10   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.63       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 10   | 21     | 15     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.77       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 10   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 10   | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.12       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 11   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.33       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 11   | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.57       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 11   | 36     | 15     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.8        | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 11   | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.03       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 4   | 12   | 6      | 15     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.29       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 12   | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.54       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 12   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.81       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 12   | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 13.2    |
| 2009 | 6     | 4   | 13   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 13   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 13.2    |
| 2009 | 6     | 4   | 13   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 13   | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 14   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 14   | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.5        | 0        | 0              | 13      |
| 2009 | 6     | 4   | 14   | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 13      |
| 2009 | 6     | 4   | 14   | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 13      |
| 2009 | 6     | 4   | 15   | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 13      |
| 2009 | 6     | 4   | 15   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 13.2    |
| 2009 | 6     | 4   | 15   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 13.2    |
| 2009 | 6     | 4   | 15   | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 13.2    |
| 2009 | 6     | 4   | 16   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 13      |
| 2009 | 6     | 4   | 16   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 16   | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12.8    |
| 2009 | 6     | 4   | 16   | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12.6    |
| 2009 | 6     | 4   | 17   | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12.4    |
| 2009 | 6     | 4   | 17   | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 17   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 17   | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 18   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12.2    |
| 2009 | 6     | 4   | 18   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 18   | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 18   | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 19   | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 19   | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 19   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12      |
| 2009 | 6     | 4   | 19   | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 20   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 20   | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 20   | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 20   | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 21   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 21   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 21   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 21   | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 22   | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 22   | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 22   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 22   | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 23   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 23   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 23   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 4   | 23   | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.29       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 5   | 0    | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 0    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 0    | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 0    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 1    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 1    | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 1    | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 1    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 2    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 2    | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 2    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 2    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 3    | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 3    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 3    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 3    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 4    | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 4    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 4    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 4    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 5    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 5    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.61       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 5    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 5    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 6    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.38       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 6    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 6    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 6    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 7    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 7    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 7    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 7    | 51     | 15     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 8    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 8    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 8    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 8    | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 9    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 9    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 9    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.67       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 9    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.81       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 10   | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 59.97       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 10   | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.13       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 10   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 10   | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.51       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 11   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.73       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 11   | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.94       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 11   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.11       | 0        | 0              | 12.6    |
| 2009 | 6     | 5   | 11   | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.32       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 5   | 12   | 6      | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.57       | 0        | 0              | 13      |
| 2009 | 6     | 5   | 12   | 21     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 61.79       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 12   | 36     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 12   | 51     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 13      |
| 2009 | 6     | 5   | 13   | 6      | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 13   | 21     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 13   | 36     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 13.2    |
| 2009 | 6     | 5   | 13   | 51     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 13.2    |
| 2009 | 6     | 5   | 14   | 6      | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 13      |
| 2009 | 6     | 5   | 14   | 21     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 13.2    |
| 2009 | 6     | 5   | 14   | 36     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 13      |
| 2009 | 6     | 5   | 14   | 51     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 13      |
| 2009 | 6     | 5   | 15   | 6      | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 13.2    |
| 2009 | 6     | 5   | 15   | 21     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 15   | 36     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 13      |
| 2009 | 6     | 5   | 15   | 51     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 13      |
| 2009 | 6     | 5   | 16   | 6      | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 13      |
| 2009 | 6     | 5   | 16   | 21     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12.8    |
| 2009 | 6     | 5   | 16   | 36     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 13      |
| 2009 | 6     | 5   | 16   | 51     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 13.2    |
| 2009 | 6     | 5   | 17   | 6      | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 13      |
| 2009 | 6     | 5   | 17   | 21     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 17   | 36     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12.4    |
| 2009 | 6     | 5   | 17   | 51     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 5   | 18   | 6      | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.6    |
| 2009 | 6     | 5   | 18   | 21     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 18   | 36     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 18   | 51     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 19   | 6      | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12      |
| 2009 | 6     | 5   | 19   | 21     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 19   | 36     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 19   | 51     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 20   | 6      | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 20   | 21     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 20   | 36     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 20   | 51     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 21   | 6      | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 21   | 21     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 21   | 36     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 21   | 51     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 22   | 6      | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 22   | 21     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 22   | 36     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 22   | 51     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 23   | 6      | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 23   | 21     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 23   | 36     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 5   | 23   | 51     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 6   | 0    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 0    | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 0    | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 0    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 1    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 1    | 21     | 15     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 1    | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 1    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 2    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 2    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 2    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 2    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 3    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 3    | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 3    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 3    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61          | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 4    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 4    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 4    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 4    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 5    | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 5    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 5    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 5    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 6    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 6    | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 6    | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 6    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 7    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 7    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 6   | 7    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 7    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 8    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 8    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 8    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 8    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 9    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 9    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 9    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.53       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 9    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 10   | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 10   | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 60.89       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 10   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.03       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 10   | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.2        | 0        | 0              | 12.6    |
| 2009 | 6     | 6   | 11   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.39       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 11   | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.59       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 11   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.74       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 11   | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.93       | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 6   | 12   | 6      | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.04       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 12   | 21     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.22       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 12   | 36     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 12   | 51     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.62       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 13   | 6      | 15     | 31     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 13   | 21     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 13   | 36     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 13   | 51     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 13      |
| 2009 | 6     | 6   | 14   | 6      | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 14   | 21     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 13      |
| 2009 | 6     | 6   | 14   | 36     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 13      |
| 2009 | 6     | 6   | 14   | 51     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 13      |
| 2009 | 6     | 6   | 15   | 6      | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 13      |
| 2009 | 6     | 6   | 15   | 21     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 15   | 36     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 13      |
| 2009 | 6     | 6   | 15   | 51     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 16   | 6      | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 16   | 21     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 16   | 36     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 16   | 51     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 17   | 6      | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12.8    |
| 2009 | 6     | 6   | 17   | 21     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.4    |
| 2009 | 6     | 6   | 17   | 36     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 6   | 17   | 51     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 18   | 6      | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 18   | 21     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 18   | 36     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 18   | 51     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 19   | 6      | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 19   | 21     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 19   | 36     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 19   | 51     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 20   | 6      | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 20   | 21     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 20   | 36     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 20   | 51     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.24       | 0        | 0              | 12      |
| 2009 | 6     | 6   | 21   | 6      | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 21   | 21     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 21   | 36     | 15     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 21   | 51     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 22   | 6      | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 22   | 21     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 22   | 36     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 22   | 51     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 23   | 6      | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 23   | 21     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 23   | 36     | 15     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 6   | 23   | 51     | 15     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 7   | 0    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 0    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 0    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 0    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 1    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 1    | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 1    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 1    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 2    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 2    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 2    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 2    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 3    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 3    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 3    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 3    | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 4    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 4    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 4    | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 4    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 5    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 5    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 5    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 5    | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 6    | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 6    | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 7   | 6    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 6    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 7    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 7    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 7    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 7    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 8    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 8    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 8    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 8    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 9    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 9    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 9    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 9    | 51     | 15     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.83       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 10   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 61.95       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 10   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.08       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 10   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.24       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 10   | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.4        | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 11   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 11   | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 13.2    |
| 2009 | 6     | 7   | 11   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 13.4    |
| 2009 | 6     | 7   | 11   | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 7   | 12   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 13      |
| 2009 | 6     | 7   | 12   | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 13      |
| 2009 | 6     | 7   | 12   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 12   | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 13   | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 13      |
| 2009 | 6     | 7   | 13   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 13   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 13      |
| 2009 | 6     | 7   | 13   | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 13      |
| 2009 | 6     | 7   | 14   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 14   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 14   | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 14   | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 13      |
| 2009 | 6     | 7   | 15   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 15   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 15   | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 13.2    |
| 2009 | 6     | 7   | 15   | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 13      |
| 2009 | 6     | 7   | 16   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 16   | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 13.2    |
| 2009 | 6     | 7   | 16   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 12.6    |
| 2009 | 6     | 7   | 16   | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.8    |
| 2009 | 6     | 7   | 17   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 13      |
| 2009 | 6     | 7   | 17   | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12.4    |
| 2009 | 6     | 7   | 17   | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 17   | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 7   | 18   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 18   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 18   | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12      |
| 2009 | 6     | 7   | 18   | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.34       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 19   | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 19   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 19   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 19   | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 12      |
| 2009 | 6     | 7   | 20   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 20   | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 20   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 20   | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 21   | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 21   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 21   | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 21   | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 22   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 22   | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 22   | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 22   | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 23   | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 23   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 23   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 7   | 23   | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.8    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 8   | 0    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 0    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 0    | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 0    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 1    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 1    | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 1    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 1    | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 2    | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 2    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 2    | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 2    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 3    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 3    | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 3    | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 3    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 4    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 4    | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 4    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 4    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 5    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 5    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 5    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 5    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 6    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 6    | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 6    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 6    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 7    | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 7    | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 7    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 7    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 8    | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 8    | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.42       | 0        | 0              | 11.6    |
| 2009 | 6     | 8   | 8    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 8    | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 9    | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 9    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 9    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 9    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 10   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 10   | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 10   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 10   | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 11   | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 11   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 11   | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 11   | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 8   | 12   | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 12   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 12   | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 12   | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 13   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 13   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 13      |
| 2009 | 6     | 8   | 13   | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 13.2    |
| 2009 | 6     | 8   | 13   | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 13.2    |
| 2009 | 6     | 8   | 14   | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 13.2    |
| 2009 | 6     | 8   | 14   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.31       | 0        | 0              | 13.2    |
| 2009 | 6     | 8   | 14   | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 13.4    |
| 2009 | 6     | 8   | 14   | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 13      |
| 2009 | 6     | 8   | 15   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 15   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 15   | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 15   | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 16   | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.4    |
| 2009 | 6     | 8   | 16   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 16   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 16   | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.6    |
| 2009 | 6     | 8   | 17   | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.8    |
| 2009 | 6     | 8   | 17   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 17   | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 17   | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 18   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 18   | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 8   | 18   | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12      |
| 2009 | 6     | 8   | 18   | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 19   | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 19   | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 19   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 19   | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 12      |
| 2009 | 6     | 8   | 20   | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 20   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 20   | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 20   | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 21   | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12      |
| 2009 | 6     | 8   | 21   | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 21   | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 21   | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 22   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 22   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 22   | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 22   | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 23   | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 23   | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 23   | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 8   | 23   | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 9   | 0    | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 0    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 0    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 0    | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 1    | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 1    | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 1    | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 1    | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 2    | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 2    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 2    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 2    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 3    | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 3    | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 3    | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 3    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 4    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 4    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 4    | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 4    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 5    | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 5    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 5    | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 5    | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 6    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 6    | 21     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 6    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 6    | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 7    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 7    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 7    | 36     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 7    | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 8    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 8    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 8    | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 8    | 51     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 9    | 6      | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 9    | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 9    | 36     | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 9    | 51     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 10   | 6      | 15     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 10   | 21     | 15     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 10   | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 10   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 11   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 11   | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 11   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 11   | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 9   | 12   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 12   | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 12   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 12   | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.6    |
| 2009 | 6     | 9   | 13   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 13   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 13   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 13   | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 14   | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 14   | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 14   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 13      |
| 2009 | 6     | 9   | 14   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 15   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 15   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 15   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 15   | 55     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 13.2    |
| 2009 | 6     | 9   | 16   | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 13      |
| 2009 | 6     | 9   | 16   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12.8    |
| 2009 | 6     | 9   | 16   | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 16   | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.4    |
| 2009 | 6     | 9   | 17   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 17   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 17   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 17   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 18   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 9   | 18   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 18   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 18   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 12      |
| 2009 | 6     | 9   | 19   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 19   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 19   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 19   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 20   | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 20   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12      |
| 2009 | 6     | 9   | 20   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 20   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12      |
| 2009 | 6     | 9   | 21   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 21   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 21   | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 12      |
| 2009 | 6     | 9   | 21   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 12      |
| 2009 | 6     | 9   | 22   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 22   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 22   | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 22   | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 23   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 23   | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 23   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 9   | 23   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 10  | 0    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 0    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 0    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 0    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 1    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 1    | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 1    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 1    | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 2    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 2    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 2    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 2    | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 3    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 3    | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 3    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 3    | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 4    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 4    | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 4    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 4    | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 5    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 5    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 5    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 5    | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 6    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 6    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 6    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 6    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 7    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 7    | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 7    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 7    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 8    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 8    | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 8    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 8    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 9    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 9    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 9    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 9    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 10   | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 10   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 10   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 10   | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 11   | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 11   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 11   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 11   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 10  | 12   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 12   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 12   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 12.4    |
| 2009 | 6     | 10  | 12   | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 13   | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 13   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 13   | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 13   | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.24       | 0        | 0              | 12.8    |
| 2009 | 6     | 10  | 14   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 14   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 14   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 14   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 10  | 15   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 15   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 13      |
| 2009 | 6     | 10  | 15   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12.6    |
| 2009 | 6     | 10  | 15   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 16   | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 16   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 16   | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 16   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 17   | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12      |
| 2009 | 6     | 10  | 17   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 17   | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 17   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 18   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 18   | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 18   | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 18   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 12      |
| 2009 | 6     | 10  | 19   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 19   | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 19   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 19   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 20   | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 20   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 20   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 20   | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 21   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 21   | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 21   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 21   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 22   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 22   | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 22   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 22   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 23   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 23   | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 23   | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 10  | 23   | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 11  | 0    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 0    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 0    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 0    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 1    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 1    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 1    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 1    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 2    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 2    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 2    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 2    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 3    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 3    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 3    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 3    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 4    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 4    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 4    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 4    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 5    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 5    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 5    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 5    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 6    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 6    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 6    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 6    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 7    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 7    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 7    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 7    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 8    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 8    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 8    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 8    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 9    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 9    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 9    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.18       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 9    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 10   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.45       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 10   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 10   | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 10   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 11   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 11   | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 11   | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 11   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 11  | 12   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 12   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 12   | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 12   | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 13   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 13   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 13.2    |
| 2009 | 6     | 11  | 13   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 13   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 14   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 14   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 14   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 14   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 15   | 10     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 15   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.95       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 15   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 15   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 16   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 13      |
| 2009 | 6     | 11  | 16   | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 12.6    |
| 2009 | 6     | 11  | 16   | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 12.8    |
| 2009 | 6     | 11  | 16   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 17   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 11  | 17   | 25     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 17   | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 11  | 17   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 18   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 18   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12      |
| 2009 | 6     | 11  | 18   | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 18   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 19   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 19   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 19   | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 19   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 20   | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 20   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 20   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 20   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 21   | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 21   | 25     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 21   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 21   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 22   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 22   | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 22   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 22   | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 23   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 23   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 11  | 23   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 11  | 23   | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.6    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 12  | 0    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 0    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 0    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 0    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 1    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 1    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 1    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 1    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 2    | 10     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 2    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 2    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 2    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 3    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 3    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 3    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 3    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 4    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 4    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 4    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 4    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 5    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.2        | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 5    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 5    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 5    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 6    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 6    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.79       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 6    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 6    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.7        | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 7    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 7    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 7    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 7    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 8    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 8    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 12  | 8    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 8    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 9    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 9    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 9    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.15       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 9    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 10   | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 10   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 10   | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 10   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 11   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 11   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 11   | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 11   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 12  | 12   | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 12   | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 12   | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 12   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 13.2    |
| 2009 | 6     | 12  | 13   | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 13   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 13.2    |
| 2009 | 6     | 12  | 13   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 13   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12.6    |
| 2009 | 6     | 12  | 14   | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12.8    |
| 2009 | 6     | 12  | 14   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 14   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 14   | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 15   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 13      |
| 2009 | 6     | 12  | 15   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 15   | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 15   | 55     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 16   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 12.4    |
| 2009 | 6     | 12  | 16   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 16   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 16   | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 17   | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 17   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 17   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 12  | 17   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12      |
| 2009 | 6     | 12  | 18   | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 18   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 12      |
| 2009 | 6     | 12  | 18   | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 12      |
| 2009 | 6     | 12  | 18   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 19   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 19   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 19   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 19   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 20   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 20   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 20   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 20   | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 21   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 21   | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 21   | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 21   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 22   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 22   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 22   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 22   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 23   | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 23   | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 23   | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 12  | 23   | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 13  | 0    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 0    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 0    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 0    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 1    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 1    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 1    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 1    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 2    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 2    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 2    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.31       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 2    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 3    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 3    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 3    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 3    | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 4    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 4    | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 4    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 4    | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 5    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 5    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 5    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 5    | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 6    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 6    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 6    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.92       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 6    | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 7    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 7    | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 7    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 7    | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 8    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 8    | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.83       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 8    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 13  | 8    | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 9    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 9    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 9    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 9    | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 10   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 10   | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.64       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 10   | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.82       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 10   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.04       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 11   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 11   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 12      |
| 2009 | 6     | 13  | 11   | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 11   | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 13  | 12   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 12   | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 12   | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 12   | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 13   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 13   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 13   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 13   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 14   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 14   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 13      |
| 2009 | 6     | 13  | 14   | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 14   | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 13.2    |
| 2009 | 6     | 13  | 15   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 15   | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 15   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12.8    |
| 2009 | 6     | 13  | 15   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 12.4    |
| 2009 | 6     | 13  | 16   | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12.6    |
| 2009 | 6     | 13  | 16   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 16   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 16   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 17   | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 17   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 17   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 13  | 17   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 18   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12      |
| 2009 | 6     | 13  | 18   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 18   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12      |
| 2009 | 6     | 13  | 18   | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 19   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 19   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 19   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 19   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 20   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 20   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 20   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 20   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 21   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 21   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 21   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 21   | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 22   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 22   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 22   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 22   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 23   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 23   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 23   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 13  | 23   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 14  | 0    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 0    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 0    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 0    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 1    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 1    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 1    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 1    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 2    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 2    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 2    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 2    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.49       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 3    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 3    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.22       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 3    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 3    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 4    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 4    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 4    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 4    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 5    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.37       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 5    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 5    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 5    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 6    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 6    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 6    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 6    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 7    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.64       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 7    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 7    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.55       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 7    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 8    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.51       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 8    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 14  | 8    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 8    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 9    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 9    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 9    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 9    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 10   | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 10   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 10   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 10   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.68       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 11   | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.9        | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 11   | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 11   | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 11   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 13.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 14  | 12   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 12   | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 12   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 12   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 13   | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 13   | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 13   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.49       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 13   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 14   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 14   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 14   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 14   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 15   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 13      |
| 2009 | 6     | 14  | 15   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 13      |
| 2009 | 6     | 14  | 15   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 15   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 16   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 16   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 16   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 13.2    |
| 2009 | 6     | 14  | 16   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 13      |
| 2009 | 6     | 14  | 17   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12.8    |
| 2009 | 6     | 14  | 17   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.77       | 0        | 0              | 12.6    |
| 2009 | 6     | 14  | 17   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12.4    |
| 2009 | 6     | 14  | 17   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 14  | 18   | 10     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 18   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 18   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 18   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12      |
| 2009 | 6     | 14  | 19   | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 19   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 19   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 19   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 20   | 10     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 20   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 20   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 20   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 21   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 21   | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 21   | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 21   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 22   | 10     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 22   | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 22   | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 22   | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 23   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 23   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 23   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 14  | 23   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 15  | 0    | 10     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 0    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 0    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 0    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 1    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 1    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 1    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 1    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 2    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 2    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 2    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 2    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 3    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 3    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 3    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 3    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 4    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 4    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 4    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 4    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.11       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 5    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.97       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 5    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.84       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 5    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 5    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 6    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 6    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 6    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 6    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 7    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 7    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 7    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 7    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 8    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 15  | 8    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 8    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63          | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 8    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 9    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 9    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 9    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 9    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.46       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 10   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.59       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 10   | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.73       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 10   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.91       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 10   | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 11   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 11   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 11   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 13      |
| 2009 | 6     | 15  | 11   | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 15  | 12   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 13      |
| 2009 | 6     | 15  | 12   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 13      |
| 2009 | 6     | 15  | 12   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 13      |
| 2009 | 6     | 15  | 12   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 13.2    |
| 2009 | 6     | 15  | 13   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 13   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 13   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 13   | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 14   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 14   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.28       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 14   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 14   | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 15   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 15   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 13.2    |
| 2009 | 6     | 15  | 15   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 15   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12.6    |
| 2009 | 6     | 15  | 16   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 16   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 12.4    |
| 2009 | 6     | 15  | 16   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 13      |
| 2009 | 6     | 15  | 16   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12.8    |
| 2009 | 6     | 15  | 17   | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 13      |
| 2009 | 6     | 15  | 17   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 15  | 17   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 17   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 18   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 18   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 18   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 18   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 19   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 19   | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12      |
| 2009 | 6     | 15  | 19   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 19   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.96       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 20   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 12      |
| 2009 | 6     | 15  | 20   | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 20   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 20   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 21   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 21   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 21   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 21   | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 22   | 10     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 22   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 22   | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 22   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 23   | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 23   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 23   | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 15  | 23   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 11.8    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 16  | 0    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 0    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 0    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 0    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 1    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 1    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 1    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 1    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 2    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 2    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 2    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 2    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 3    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 3    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 3    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 3    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 4    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 4    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 4    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 4    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.66       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 5    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 5    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 5    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 5    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 6    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 6    | 25     | 12     | 31     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 6    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 6    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.03       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 7    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.96       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 7    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.91       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 7    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.87       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 7    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 8    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.78       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 8    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 8    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 8    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 9    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.69       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 9    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 11.6    |
| 2009 | 6     | 16  | 9    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 9    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 10   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 10   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 10   | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 10   | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 11   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 11   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 62.94       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 11   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 11   | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.16       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 16  | 12   | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 13      |
| 2009 | 6     | 16  | 12   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.54       | 0        | 0              | 13      |
| 2009 | 6     | 16  | 12   | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 13      |
| 2009 | 6     | 16  | 12   | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 12.8    |
| 2009 | 6     | 16  | 13   | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.13       | 0        | 0              | 13      |
| 2009 | 6     | 16  | 13   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.4        | 0        | 0              | 13      |
| 2009 | 6     | 16  | 13   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 13      |
| 2009 | 6     | 16  | 13   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 13      |
| 2009 | 6     | 16  | 14   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 13      |
| 2009 | 6     | 16  | 14   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 13      |
| 2009 | 6     | 16  | 14   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 13      |
| 2009 | 6     | 16  | 14   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 13      |
| 2009 | 6     | 16  | 15   | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 13      |
| 2009 | 6     | 16  | 15   | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 13.2    |
| 2009 | 6     | 16  | 15   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 13      |
| 2009 | 6     | 16  | 15   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.85       | 0        | 0              | 13.2    |
| 2009 | 6     | 16  | 16   | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 13.2    |
| 2009 | 6     | 16  | 16   | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 13.2    |
| 2009 | 6     | 16  | 16   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 13.2    |
| 2009 | 6     | 16  | 16   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 13.2    |
| 2009 | 6     | 16  | 17   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 13      |
| 2009 | 6     | 16  | 17   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 17   | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 17   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 12.4    |
| 2009 | 6     | 16  | 18   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 18   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 16  | 18   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 18   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 19   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12      |
| 2009 | 6     | 16  | 19   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 19   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 19   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 20   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 20   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 20   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 20   | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 21   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 21   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 12      |
| 2009 | 6     | 16  | 21   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 21   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 22   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 22   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 22   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 22   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 23   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 23   | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 23   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 16  | 23   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 17  | 0    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 0    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 0    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 0    | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 1    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 1    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 1    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 1    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 2    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 2    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 2    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 2    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 3    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 3    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 3    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 3    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 4    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 4    | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 4    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 4    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 5    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 5    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.88       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 5    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.75       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 5    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.63       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 6    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 17  | 6    | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 6    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 6    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 7    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 7    | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 7    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 7    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 8    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 8    | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 8    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 8    | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 9    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 9    | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 9    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.45       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 9    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.57       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 10   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.72       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 10   | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.81       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 10   | 40     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 63.93       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 10   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.08       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 11   | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.33       | 0        | 0              | 13      |
| 2009 | 6     | 17  | 11   | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 11   | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 11   | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 17  | 12   | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 12   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 13      |
| 2009 | 6     | 17  | 12   | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.89       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 12   | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 13      |
| 2009 | 6     | 17  | 13   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 13   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 13      |
| 2009 | 6     | 17  | 13   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 13   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 14   | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 14   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 14   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.91       | 0        | 0              | 12.8    |
| 2009 | 6     | 17  | 14   | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 13      |
| 2009 | 6     | 17  | 15   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 13      |
| 2009 | 6     | 17  | 15   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 13.2    |
| 2009 | 6     | 17  | 15   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 15   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 16   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 16   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 16   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 16   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12.6    |
| 2009 | 6     | 17  | 17   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 13      |
| 2009 | 6     | 17  | 17   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12.4    |
| 2009 | 6     | 17  | 17   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.3        | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 17   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 12.2    |
| 2009 | 6     | 17  | 18   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 18   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 18   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 18   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 19   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 19   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 19   | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12      |
| 2009 | 6     | 17  | 19   | 55     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 20   | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 20   | 25     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 20   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 20   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 21   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 21   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 21   | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 21   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 22   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 22   | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 22   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 22   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 23   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 23   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 23   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 17  | 23   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 18  | 0    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 0    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 0    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 0    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 1    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 1    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 1    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 1    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 2    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 2    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 2    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 2    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 3    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 3    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 3    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 3    | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 4    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 4    | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 4    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 4    | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 5    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 5    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 5    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 5    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 6    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 6    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 6    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 6    | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 7    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 7    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 7    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 7    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 8    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.6    |
| 2009 | 6     | 18  | 8    | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 8    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 8    | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 9    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 9    | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 9    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 9    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 10   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 10   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 10   | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 10   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 11   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 11   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 11   | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.45       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 11   | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 18  | 12   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 12   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 12   | 40     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 12   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 13   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 13   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 13      |
| 2009 | 6     | 18  | 13   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 13   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 14   | 10     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 14   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12.4    |
| 2009 | 6     | 18  | 14   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 14   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 15   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 15   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12.6    |
| 2009 | 6     | 18  | 15   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 12.8    |
| 2009 | 6     | 18  | 15   | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 16   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 13      |
| 2009 | 6     | 18  | 16   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 16   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 16   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 17   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 13.2    |
| 2009 | 6     | 18  | 17   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 17   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 17   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 18   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.56       | 0        | 0              | 12.2    |
| 2009 | 6     | 18  | 18   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.6        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 18   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.62       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 18   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.6        | 0        | 0              | 12      |
| 2009 | 6     | 18  | 19   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 19   | 25     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 19   | 40     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 12      |
| 2009 | 6     | 18  | 19   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 20   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 20   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 20   | 40     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 20   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 21   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 21   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 21   | 40     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 21   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 22   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 22   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 22   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 22   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 23   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 23   | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 23   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 11.8    |
| 2009 | 6     | 18  | 23   | 55     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 19  | 0    | 10     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 0    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 0    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 0    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 1    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 1    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 1    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 1    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 2    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 2    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 2    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 2    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 3    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 3    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 3    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 3    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 4    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 4    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 4    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 4    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 5    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 5    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 5    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 5    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 6    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 6    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 6    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 6    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 7    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 7    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 7    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 7    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 8    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 19  | 8    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 8    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 8    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 9    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 9    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 9    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 9    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 10   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 10   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 10   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 10   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 13      |
| 2009 | 6     | 19  | 11   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 13.4    |
| 2009 | 6     | 19  | 11   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 11   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 11   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 19  | 12   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 12   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 12   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 12   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 13   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 13   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 13   | 40     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 13   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 14   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 14   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 14   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 14   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 15   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.28       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 15   | 25     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 15   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.62       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 15   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.8        | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 16   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 13.2    |
| 2009 | 6     | 19  | 16   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 12.8    |
| 2009 | 6     | 19  | 16   | 40     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.23       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 16   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.32       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 17   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.37       | 0        | 0              | 12.6    |
| 2009 | 6     | 19  | 17   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.45       | 0        | 0              | 12.4    |
| 2009 | 6     | 19  | 17   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 17   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 19  | 18   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.52       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 18   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.48       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 18   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.43       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 18   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.36       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 19   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.3        | 0        | 0              | 12      |
| 2009 | 6     | 19  | 19   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.25       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 19   | 40     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.16       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 19   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.09       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 20   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 12      |
| 2009 | 6     | 19  | 20   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.92       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 20   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.82       | 0        | 0              | 12      |
| 2009 | 6     | 19  | 20   | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 21   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 21   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 21   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 21   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 22   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 22   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 22   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 22   | 55     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 23   | 10     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 23   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 23   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 19  | 23   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 11.8    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 20  | 0    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 0    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 0    | 40     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70          | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 0    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 1    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 1    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 1    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 1    | 55     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 2    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 2    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 2    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 2    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 3    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 3    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 3    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 3    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 4    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 4    | 25     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 4    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 4    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 5    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 5    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 5    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 5    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.6    |
| 2009 | 6     | 20  | 6    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 6    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 6    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 6    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 7    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 7    | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 7    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 7    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 8    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 8    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 8    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 8    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 9    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 9    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 9    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 9    | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 10   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 10   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 10   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 10   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 11   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 11   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 11   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 13      |
| 2009 | 6     | 20  | 11   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 13.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 20  | 12   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.88       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 12   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 12   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.4        | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 12   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 13   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.96       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 13   | 25     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 13   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 13   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 14   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 14   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 14   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.44       | 0        | 0              | 13      |
| 2009 | 6     | 20  | 14   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.64       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 15   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.85       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 15   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 12.6    |
| 2009 | 6     | 20  | 15   | 40     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.23       | 0        | 0              | 12.8    |
| 2009 | 6     | 20  | 15   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.37       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 16   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.52       | 0        | 0              | 13.2    |
| 2009 | 6     | 20  | 16   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.64       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 16   | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.75       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 16   | 55     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.84       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 17   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.93       | 0        | 0              | 12.4    |
| 2009 | 6     | 20  | 17   | 25     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73          | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 17   | 40     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 17   | 55     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 18   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.08       | 0        | 0              | 12.2    |
| 2009 | 6     | 20  | 18   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.06       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 18   | 40     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.06       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 18   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.02       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 19   | 10     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.99       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 19   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.91       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 19   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.84       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 19   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.72       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 20   | 10     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.61       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 20   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.48       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 20   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.34       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 20   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.19       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 21   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 12      |
| 2009 | 6     | 20  | 21   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 21   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 21   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 22   | 10     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 22   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 22   | 40     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 22   | 55     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 23   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 23   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 23   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 20  | 23   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 21  | 0    | 10     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 0    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 0    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 0    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 1    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 1    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 1    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 1    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 2    | 10     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 2    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 2    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 2    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 3    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 3    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 3    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 3    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 4    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 4    | 25     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 4    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 4    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 5    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 5    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 5    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 5    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 6    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.93       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 6    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 6    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 6    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 7    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 7    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 7    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 7    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 8    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 8    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.6    |
| 2009 | 6     | 21  | 8    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 8    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 9    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 9    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 9    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 9    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 10   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.71       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 10   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.84       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 10   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66          | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 10   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 11   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 11   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 11   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 13      |
| 2009 | 6     | 21  | 11   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 12.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 21  | 12   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 12   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 12   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 12   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 13   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 13   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 13   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.12       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 13   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 14   | 10     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 14   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 14   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 14   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 15   | 10     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 15   | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 15   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 15   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 16   | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 16   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 13      |
| 2009 | 6     | 21  | 16   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 12.8    |
| 2009 | 6     | 21  | 16   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.44       | 0        | 0              | 12.6    |
| 2009 | 6     | 21  | 17   | 10     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.53       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 17   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 12.4    |
| 2009 | 6     | 21  | 17   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.62       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 17   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 18   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.67       | 0        | 0              | 12.2    |
| 2009 | 6     | 21  | 18   | 25     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.67       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 18   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 18   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.62       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 19   | 10     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 19   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.53       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 19   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 19   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 20   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 20   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 20   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 20   | 55     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 21   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 21   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 21   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 12      |
| 2009 | 6     | 21  | 21   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 22   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 22   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 22   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 22   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 23   | 10     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.84       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 23   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 23   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 21  | 23   | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 22  | 0    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 0    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 0    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 0    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 1    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 1    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 1    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 1    | 55     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 2    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 2    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 2    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 2    | 55     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 3    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 3    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 3    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 3    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 4    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 4    | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 4    | 40     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 4    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 5    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 5    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 5    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 5    | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 6    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 6    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 6    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 6    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 7    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 7    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 7    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 7    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 8    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 8    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 8    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 8    | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 9    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 9    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 9    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.1        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 9    | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 10   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 10   | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.44       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 10   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 10   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 11   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 11   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 11   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 11   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.67       | 0        | 0              | 12.4    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 22  | 12   | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 12   | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 12   | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 12   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.78       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 13   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 13   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 13   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 13   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 14   | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 12.8    |
| 2009 | 6     | 22  | 14   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.44       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 14   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 14   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 15   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 15   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 13      |
| 2009 | 6     | 22  | 15   | 40     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 15   | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 16   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 13.4    |
| 2009 | 6     | 22  | 16   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 16   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 16   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 12.6    |
| 2009 | 6     | 22  | 17   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 17   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 12.4    |
| 2009 | 6     | 22  | 17   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 17   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 18   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.42       | 0        | 0              | 12.2    |
| 2009 | 6     | 22  | 18   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 18   | 40     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 18   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.33       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 19   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.28       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 19   | 25     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 19   | 40     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 19   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 20   | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 20   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 20   | 40     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 20   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.66       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 21   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 21   | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 21   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 12      |
| 2009 | 6     | 22  | 21   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12      |
| 2009 | 6     | 22  | 22   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 22   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 22   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 22   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 23   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 23   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 23   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 22  | 23   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 23  | 0    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 0    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 0    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 0    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 1    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 1    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 1    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 1    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 2    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 2    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 2    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 2    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 3    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 3    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 3    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 3    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 4    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 4    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 4    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 4    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 5    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 5    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 5    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 5    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.28       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 6    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 6    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.01       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 6    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 6    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 7    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 7    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 7    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 7    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 8    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 8    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 8    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 8    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 9    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 9    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 9    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.78       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 9    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 10   | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 10   | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.17       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 10   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 10   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 11   | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.75       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 11   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 11   | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 13      |
| 2009 | 6     | 23  | 11   | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 23  | 12   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 13      |
| 2009 | 6     | 23  | 12   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 12   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 13      |
| 2009 | 6     | 23  | 12   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 13   | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 13   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 13   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 13   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 14   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 14   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 14   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.58       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 14   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 15   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 13.4    |
| 2009 | 6     | 23  | 15   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 13.2    |
| 2009 | 6     | 23  | 15   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.43       | 0        | 0              | 13      |
| 2009 | 6     | 23  | 15   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 13      |
| 2009 | 6     | 23  | 16   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 13      |
| 2009 | 6     | 23  | 16   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.88       | 0        | 0              | 13      |
| 2009 | 6     | 23  | 16   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 13      |
| 2009 | 6     | 23  | 16   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 12.8    |
| 2009 | 6     | 23  | 17   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 12.6    |
| 2009 | 6     | 23  | 17   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 17   | 40     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 12.4    |
| 2009 | 6     | 23  | 17   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 12.2    |
| 2009 | 6     | 23  | 18   | 25     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 18   | 40     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.15       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 18   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 19   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 19   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 19   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 19   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 20   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 20   | 25     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 20   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 20   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 21   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 21   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 21   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 21   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 22   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 22   | 25     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 22   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.78       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 22   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 12      |
| 2009 | 6     | 23  | 23   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 12      |
| 2009 | 6     | 23  | 23   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 23   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 23  | 23   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 11.8    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 24  | 0    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 0    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 0    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 0    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 1    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 1    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 1    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 1    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 2    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 2    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 2    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 2    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 3    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 3    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 3    | 40     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 3    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 4    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 4    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 4    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 4    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 5    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 5    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 5    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 5    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 6    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 6    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 6    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 6    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 7    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 7    | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 7    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 7    | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 8    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 8    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 8    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 8    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 9    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 9    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.44       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 9    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 9    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 10   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.83       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 10   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 10   | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 10   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 11   | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 11   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 13      |
| 2009 | 6     | 24  | 11   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 13      |
| 2009 | 6     | 24  | 11   | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 24  | 12   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 12   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 13      |
| 2009 | 6     | 24  | 12   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 12   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 12.6    |
| 2009 | 6     | 24  | 13   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 13   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 13.4    |
| 2009 | 6     | 24  | 13   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 13   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 13.4    |
| 2009 | 6     | 24  | 14   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 13.4    |
| 2009 | 6     | 24  | 14   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 14   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 14   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 15   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.89       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 15   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.09       | 0        | 0              | 13      |
| 2009 | 6     | 24  | 15   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.27       | 0        | 0              | 13.2    |
| 2009 | 6     | 24  | 15   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.41       | 0        | 0              | 13      |
| 2009 | 6     | 24  | 16   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 13      |
| 2009 | 6     | 24  | 16   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.68       | 0        | 0              | 13      |
| 2009 | 6     | 24  | 16   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 13      |
| 2009 | 6     | 24  | 16   | 55     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.86       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 17   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 12.8    |
| 2009 | 6     | 24  | 17   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 12.4    |
| 2009 | 6     | 24  | 17   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 17   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 18   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 12.2    |
| 2009 | 6     | 24  | 18   | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 18   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.02       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 18   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 19   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 19   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.9        | 0        | 0              | 12      |
| 2009 | 6     | 24  | 19   | 40     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.83       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 19   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 20   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 20   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 20   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 20   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 21   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 21   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 21   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.98       | 0        | 0              | 12      |
| 2009 | 6     | 24  | 21   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 22   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 22   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 22   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 22   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 23   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 23   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.13       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 23   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 24  | 23   | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 25  | 0    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 0    | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 0    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 0    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 1    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 1    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 1    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 1    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.89       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 2    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 2    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 2    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 2    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 3    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 3    | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 3    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 3    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 4    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 4    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 4    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 4    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 5    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 5    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 5    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 5    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 6    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 6    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 6    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 6    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 7    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 7    | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 7    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 7    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 8    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 8    | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 8    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 8    | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 9    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 9    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 9    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 9    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 10   | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.12       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 10   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 10   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.39       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 10   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.59       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 11   | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 11   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 13      |
| 2009 | 6     | 25  | 11   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 13      |
| 2009 | 6     | 25  | 11   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.56       | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 25  | 12   | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.83       | 0        | 0              | 13      |
| 2009 | 6     | 25  | 12   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 12   | 40     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 12   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.69       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 13   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.98       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 13   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 13   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 13   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 13      |
| 2009 | 6     | 25  | 14   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.04       | 0        | 0              | 13      |
| 2009 | 6     | 25  | 14   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.26       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 14   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 13      |
| 2009 | 6     | 25  | 14   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.67       | 0        | 0              | 13      |
| 2009 | 6     | 25  | 15   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 13      |
| 2009 | 6     | 25  | 15   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 13      |
| 2009 | 6     | 25  | 15   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.21       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 15   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 16   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 12.8    |
| 2009 | 6     | 25  | 16   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 13.2    |
| 2009 | 6     | 25  | 16   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 16   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 13      |
| 2009 | 6     | 25  | 17   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 12.6    |
| 2009 | 6     | 25  | 17   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 12.4    |
| 2009 | 6     | 25  | 17   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 17   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 12.2    |
| 2009 | 6     | 25  | 18   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 25  | 18   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.75       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 18   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.7        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 18   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 19   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.59       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 19   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.52       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 19   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.45       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 19   | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 20   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.29       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 20   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 12      |
| 2009 | 6     | 25  | 20   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.11       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 20   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.03       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 21   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 21   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 21   | 40     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.75       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 21   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 22   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 22   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.42       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 22   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 22   | 55     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 23   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.15       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 23   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.06       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 23   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 12      |
| 2009 | 6     | 25  | 23   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 26  | 0    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 0    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.81       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 0    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.72       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 0    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 1    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 1    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 1    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 1    | 55     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 2    | 10     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 2    | 25     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 2    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 2    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 3    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 3    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 3    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 3    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 4    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 4    | 25     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 4    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 4    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 5    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 5    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 5    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 5    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 6    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 6    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 6    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 6    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 7    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.05       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 7    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 7    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 7    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 8    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.6    |
| 2009 | 6     | 26  | 8    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 8    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 8    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.9        | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 9    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 64.96       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 9    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 26  | 9    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.14       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 9    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 10   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.41       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 10   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.55       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 10   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.7        | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 10   | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.91       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 11   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 11   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.4        | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 11   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.69       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 11   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.96       | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 26  | 12   | 10     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.26       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 12   | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 12   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.86       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 12   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.18       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 13   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.5        | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 13   | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 13   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 13   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 14   | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 14   | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.87       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 14   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.12       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 14   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 12.8    |
| 2009 | 6     | 26  | 15   | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 13      |
| 2009 | 6     | 26  | 15   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 15   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.97       | 0        | 0              | 13.4    |
| 2009 | 6     | 26  | 15   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.13       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 16   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.29       | 0        | 0              | 13.2    |
| 2009 | 6     | 26  | 16   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 16   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 16   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.71       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 17   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 17   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.87       | 0        | 0              | 12.4    |
| 2009 | 6     | 26  | 17   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.92       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 17   | 55     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 18   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 18   | 25     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 12.2    |
| 2009 | 6     | 26  | 18   | 40     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 18   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 19   | 10     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.05       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 19   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.01       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 19   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 12      |
| 2009 | 6     | 26  | 19   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.92       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 20   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.87       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 20   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 20   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.69       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 20   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.6        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 21   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 21   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 21   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.24       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 21   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.1        | 0        | 0              | 12      |
| 2009 | 6     | 26  | 22   | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.99       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 22   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.84       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 22   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.74       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 22   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.61       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 23   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 23   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.38       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 23   | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.25       | 0        | 0              | 12      |
| 2009 | 6     | 26  | 23   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 12      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 27  | 0    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 0    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 0    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 0    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 1    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 1    | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 1    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 1    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 2    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 2    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 2    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 2    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 3    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 3    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68          | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 3    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.8        | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 3    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 4    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 4    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 4    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 4    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 5    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 5    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 5    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.33       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 5    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 6    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 6    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 6    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 6    | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 7    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 7    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 7    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 7    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 8    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 8    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 8    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 8    | 55     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 9    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 9    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 9    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.43       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 9    | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.53       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 10   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.66       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 10   | 25     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.8        | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 10   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 10   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 11   | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 11   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.63       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 11   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 66.9        | 0        | 0              | 13.4    |
| 2009 | 6     | 27  | 11   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.17       | 0        | 0              | 13      |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 27  | 12   | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.44       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 12   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 13.4    |
| 2009 | 6     | 27  | 12   | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 13.2    |
| 2009 | 6     | 27  | 12   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 13.4    |
| 2009 | 6     | 27  | 13   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 13.4    |
| 2009 | 6     | 27  | 13   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.95       | 0        | 0              | 13.4    |
| 2009 | 6     | 27  | 13   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.24       | 0        | 0              | 13.4    |
| 2009 | 6     | 27  | 13   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 13.4    |
| 2009 | 6     | 27  | 14   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.8        | 0        | 0              | 13.4    |
| 2009 | 6     | 27  | 14   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.05       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 14   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.3        | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 14   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.56       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 15   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 12.6    |
| 2009 | 6     | 27  | 15   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.01       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 15   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 15   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 16   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.58       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 16   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.76       | 0        | 0              | 12.8    |
| 2009 | 6     | 27  | 16   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.89       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 16   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 17   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.16       | 0        | 0              | 13      |
| 2009 | 6     | 27  | 17   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.27       | 0        | 0              | 12.4    |
| 2009 | 6     | 27  | 17   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.36       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 17   | 55     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.43       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 18   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.5        | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 18   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.54       | 0        | 0              | 12.2    |
| 2009 | 6     | 27  | 18   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.57       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 18   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.59       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 19   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.59       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 19   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.59       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 19   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.55       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 19   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.52       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 20   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.45       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 20   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 20   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 20   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.19       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 21   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.09       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 21   | 25     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.98       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 21   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.85       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 21   | 55     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.73       | 0        | 0              | 12      |
| 2009 | 6     | 27  | 22   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 22   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 22   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 22   | 55     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 23   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 23   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 23   | 40     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 27  | 23   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 11.8    |



| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 28  | 0    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 0    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 0    | 40     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 0    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 1    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 1    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.73       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 1    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 1    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 2    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.21       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 2    | 25     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 2    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 2    | 55     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 3    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 3    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 3    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 3    | 55     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 4    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.75       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 4    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.57       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 4    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 4    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.24       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 5    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 5    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 5    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 5    | 55     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.65       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 6    | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 6    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 6    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 6    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 7    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 7    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 7    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.98       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 7    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 8    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 8    | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.95       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 8    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 65.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 8    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 9    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 9    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 9    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.29       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 9    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.43       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 10   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 10   | 25     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.72       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 10   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 66.88       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 10   | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.1        | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 11   | 10     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.33       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 11   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.59       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 11   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 11   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 12.6    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 28  | 12   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 12   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.7        | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 12   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 12   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.33       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 13   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.64       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 13   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.93       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 13   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.23       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 13   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 14   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 13.2    |
| 2009 | 6     | 28  | 14   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 14   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.31       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 14   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.55       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 15   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 15   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 15   | 40     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.18       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 15   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.37       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 16   | 10     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.54       | 0        | 0              | 12.6    |
| 2009 | 6     | 28  | 16   | 25     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.7        | 0        | 0              | 13      |
| 2009 | 6     | 28  | 16   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.82       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 16   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.95       | 0        | 0              | 13      |
| 2009 | 6     | 28  | 17   | 10     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.06       | 0        | 0              | 12.8    |
| 2009 | 6     | 28  | 17   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.17       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 17   | 40     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.24       | 0        | 0              | 12.4    |
| 2009 | 6     | 28  | 17   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.29       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 18   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 18   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.33       | 0        | 0              | 12.2    |
| 2009 | 6     | 28  | 18   | 40     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.35       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 18   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.35       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 19   | 10     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.31       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 19   | 25     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 19   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.26       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 19   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.18       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 20   | 10     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.11       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 20   | 25     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 73.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 20   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 20   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 21   | 10     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 21   | 25     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.57       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 21   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.45       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 21   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.32       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 22   | 10     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.18       | 0        | 0              | 12      |
| 2009 | 6     | 28  | 22   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 72.03       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 22   | 40     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 22   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.78       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 23   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.64       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 23   | 25     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 23   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 28  | 23   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.22       | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 29  | 0    | 10     | 12     | 28     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 71.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 0    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 0    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 0    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 1    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 1    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 1    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 1    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 70.02       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 2    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.85       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 2    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.69       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 2    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 2    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 3    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 3    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 3    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 3    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.79       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 4    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.67       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 4    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.52       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 4    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.4        | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 4    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.27       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 5    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.16       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 5    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 5    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.93       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 5    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 6    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 6    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 6    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.53       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 6    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.46       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 7    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.39       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 7    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 7    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 7    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 8    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.3        | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 8    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 8    | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 8    | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.42       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 9    | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.51       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 9    | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.6        | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 9    | 40     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.73       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 9    | 55     | 12     | 30     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 67.87       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 10   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.04       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 10   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.22       | 0        | 0              | 12.4    |
| 2009 | 6     | 29  | 10   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 10   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.63       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 11   | 10     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 68.85       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 11   | 25     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.08       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 11   | 40     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.35       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 11   | 55     | 12     | 29     | 0            | 0       | 0     | 0    | 0             | 0           | 0          | 69.62       | 0        | 0              | 13.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 29  | 12   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.91       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 12   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.18       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 12   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.5        | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 12   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.81       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 13   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.04       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 13   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 13   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.65       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 13   | 55     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.92       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 14   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.16       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 14   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.41       | 0        | 0              | 13.2    |
| 2009 | 6     | 29  | 14   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.61       | 0        | 0              | 12.8    |
| 2009 | 6     | 29  | 14   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.7        | 0        | 0              | 12      |
| 2009 | 6     | 29  | 15   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.77       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 15   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.86       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 15   | 40     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.99       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 15   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.11       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 16   | 10     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 16   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.24       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 16   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.27       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 16   | 55     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.24       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 17   | 10     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.22       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 17   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 17   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.22       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 17   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.2        | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.18       | 0        | 0              | 12.2    |
| 2009 | 6     | 29  | 18   | 25     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.15       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 18   | 40     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.09       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 18   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.06       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 19   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73          | 0        | 0              | 12      |
| 2009 | 6     | 29  | 19   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.97       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 19   | 40     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 19   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.86       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 20   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 20   | 25     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.68       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 20   | 40     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.61       | 0        | 0              | 12      |
| 2009 | 6     | 29  | 20   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.55       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 21   | 10     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 21   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.41       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 21   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 21   | 55     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.23       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 22   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 22   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 22   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.87       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 22   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.74       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 23   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.62       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 23   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.47       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 23   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 29  | 23   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.2        | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 30  | 0    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.06       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 0    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 0    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.77       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 0    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.63       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 1    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 1    | 25     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 1    | 40     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.2        | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 1    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.07       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 2    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 2    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.82       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 2    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 2    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.6        | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 3    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.48       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 3    | 25     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.39       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 3    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.28       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 3    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.19       | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 4    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.1        | 0        | 0              | 11.6    |
| 2009 | 6     | 30  | 4    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.99       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 4    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.92       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 4    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.83       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 5    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.76       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 5    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.68       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 5    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.61       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 5    | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.54       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 6    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.49       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 6    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.43       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 6    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.38       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 6    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.34       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 7    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 7    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 7    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 7    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.31       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 8    | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.32       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 8    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.36       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 8    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.41       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 8    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.45       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 9    | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.56       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 9    | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.65       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 9    | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.74       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 9    | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 68.86       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 10   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.01       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 10   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.17       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 10   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.31       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 10   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.49       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 11   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.71       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 11   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 69.94       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 11   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.14       | 0        | 0              | 13.4    |
| 2009 | 6     | 30  | 11   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.39       | 0        | 0              | 13.2    |

| Year | Month | Day | Hour | Minute | Second | Noise3 | IceDetection | Heading | Pitch | Roll | StdDevHeading | StdDevPitch | StdDevRoll | Temperature | Pressure | StdDevPressure | Voltage |
|------|-------|-----|------|--------|--------|--------|--------------|---------|-------|------|---------------|-------------|------------|-------------|----------|----------------|---------|
| 2009 | 6     | 30  | 12   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.65       | 0        | 0              | 13.4    |
| 2009 | 6     | 30  | 12   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 70.92       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 12   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.19       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 12   | 55     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.46       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 13   | 10     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.73       | 0        | 0              | 13.4    |
| 2009 | 6     | 30  | 13   | 25     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 71.96       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 13   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.19       | 0        | 0              | 12.8    |
| 2009 | 6     | 30  | 13   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.41       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 14   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.66       | 0        | 0              | 13      |
| 2009 | 6     | 30  | 14   | 25     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.75       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 14   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.95       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 14   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.02       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 15   | 10     | 12     | 30     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.11       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 15   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.17       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 15   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.22       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 15   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.31       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 16   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.36       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 16   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.4        | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 16   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.42       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 16   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.45       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 17   | 10     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.47       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 17   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.51       | 0        | 0              | 12.6    |
| 2009 | 6     | 30  | 17   | 40     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.53       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 17   | 55     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.56       | 0        | 0              | 12.4    |
| 2009 | 6     | 30  | 18   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.58       | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.6        | 0        | 0              | 12.2    |
| 2009 | 6     | 30  | 18   | 40     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.6        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 18   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.58       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 19   | 10     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.56       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 19   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.54       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 19   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.49       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 19   | 55     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.45       | 0        | 0              | 12      |
| 2009 | 6     | 30  | 20   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.4        | 0        | 0              | 12      |
| 2009 | 6     | 30  | 20   | 25     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.35       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 20   | 40     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.29       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 20   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.22       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 21   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.15       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 21   | 25     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73.09       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 21   | 40     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 73          | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 21   | 55     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.91       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 22   | 10     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.81       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 22   | 25     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.7        | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 22   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.59       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 22   | 55     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.48       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 23   | 10     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.37       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 23   | 25     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.25       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 23   | 40     | 12     | 29     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72.12       | 0        | 0              | 11.8    |
| 2009 | 6     | 30  | 23   | 55     | 12     | 28     |              | 0       | 0     | 0    | 0             | 0           | 0          | 72          | 0        | 0              | 11.8    |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 1   | 0    | 6      | 15     | 0.3       | 2.6     | 0.87  | 95        | 57.4213 | 43.0147 |
| 2009 | 6     | 1   | 0    | 21     | 15     | 0.3       | 2.6     | 0.85  | 95.6      | 57.4213 | 42.089  |
| 2009 | 6     | 1   | 0    | 36     | 15     | 0.3       | 2.6     | 0.86  | 96.3      | 57.4869 | 42.7991 |
| 2009 | 6     | 1   | 0    | 51     | 15     | 0.3       | 2.6     | 0.85  | 93.8      | 57.4213 | 42.089  |
| 2009 | 6     | 1   | 1    | 6      | 15     | 0.3       | 2.6     | 0.86  | 96.4      | 57.4869 | 42.5343 |
| 2009 | 6     | 1   | 1    | 21     | 15     | 0.3       | 2.6     | 0.89  | 95.3      | 57.4213 | 43.676  |
| 2009 | 6     | 1   | 1    | 36     | 15     | 0.3       | 2.6     | 0.86  | 93.3      | 57.4213 | 42.7502 |
| 2009 | 6     | 1   | 1    | 51     | 15     | 0.3       | 2.6     | 0.92  | 92.5      | 57.4869 | 45.0499 |
| 2009 | 6     | 1   | 2    | 6      | 15     | 0.3       | 2.6     | 0.87  | 94.5      | 57.4869 | 43.0639 |
| 2009 | 6     | 1   | 2    | 21     | 15     | 0.3       | 2.6     | 0.86  | 94.6      | 57.4869 | 42.5343 |
| 2009 | 6     | 1   | 2    | 36     | 15     | 0.3       | 2.6     | 0.85  | 94.4      | 57.4869 | 42.4019 |
| 2009 | 6     | 1   | 2    | 51     | 15     | 0.3       | 2.6     | 0.88  | 95.8      | 57.4869 | 43.4611 |
| 2009 | 6     | 1   | 3    | 6      | 15     | 0.3       | 2.6     | 0.84  | 96.5      | 57.5525 | 41.7875 |
| 2009 | 6     | 1   | 3    | 21     | 15     | 0.3       | 2.6     | 0.9   | 95        | 57.5525 | 44.4385 |
| 2009 | 6     | 1   | 3    | 36     | 15     | 0.3       | 2.6     | 0.83  | 95.4      | 57.6837 | 41.7499 |
| 2009 | 6     | 1   | 3    | 51     | 15     | 0.3       | 2.6     | 0.85  | 94.7      | 57.6837 | 42.4142 |
| 2009 | 6     | 1   | 4    | 6      | 15     | 0.3       | 2.6     | 0.86  | 96.6      | 57.6837 | 42.6799 |
| 2009 | 6     | 1   | 4    | 21     | 15     | 0.3       | 2.6     | 0.94  | 92.6      | 57.7494 | 46.1866 |
| 2009 | 6     | 1   | 4    | 36     | 15     | 0.3       | 2.6     | 0.91  | 92.3      | 57.7494 | 44.9896 |
| 2009 | 6     | 1   | 4    | 51     | 15     | 0.3       | 2.6     | 0.91  | 93.7      | 57.7494 | 44.8565 |
| 2009 | 6     | 1   | 5    | 6      | 15     | 0.3       | 2.6     | 0.89  | 95.7      | 57.7494 | 44.0585 |
| 2009 | 6     | 1   | 5    | 21     | 15     | 0.3       | 2.6     | 0.89  | 93        | 57.7494 | 44.1915 |
| 2009 | 6     | 1   | 5    | 36     | 15     | 0.3       | 2.6     | 0.85  | 92.9      | 57.7494 | 42.5955 |
| 2009 | 6     | 1   | 5    | 51     | 15     | 0.3       | 2.6     | 0.87  | 93.2      | 57.815  | 43.5759 |
| 2009 | 6     | 1   | 6    | 6      | 15     | 0.3       | 2.6     | 0.91  | 91.9      | 57.815  | 45.1738 |
| 2009 | 6     | 1   | 6    | 21     | 15     | 0.3       | 2.6     | 0.93  | 90.4      | 57.815  | 45.8396 |
| 2009 | 6     | 1   | 6    | 36     | 15     | 0.3       | 2.6     | 0.88  | 92.8      | 57.815  | 43.9754 |
| 2009 | 6     | 1   | 6    | 51     | 15     | 0.3       | 2.6     | 0.92  | 92.7      | 57.815  | 45.307  |
| 2009 | 6     | 1   | 7    | 6      | 15     | 0.3       | 2.6     | 0.88  | 91.7      | 57.815  | 43.9754 |
| 2009 | 6     | 1   | 7    | 21     | 15     | 0.3       | 2.6     | 0.86  | 94.4      | 57.815  | 42.777  |
| 2009 | 6     | 1   | 7    | 36     | 15     | 0.3       | 2.6     | 0.86  | 95.5      | 57.815  | 42.9102 |
| 2009 | 6     | 1   | 7    | 51     | 15     | 0.3       | 2.6     | 0.86  | 95.3      | 57.815  | 42.9102 |
| 2009 | 6     | 1   | 8    | 6      | 15     | 0.3       | 2.6     | 0.87  | 93.7      | 57.8806 | 43.6254 |
| 2009 | 6     | 1   | 8    | 21     | 15     | 0.3       | 2.6     | 0.89  | 96.5      | 57.8806 | 44.1586 |
| 2009 | 6     | 1   | 8    | 36     | 15     | 0.3       | 2.6     | 0.89  | 93.8      | 57.8806 | 44.4253 |
| 2009 | 6     | 1   | 8    | 51     | 15     | 0.3       | 2.6     | 0.91  | 95.8      | 57.8806 | 44.9585 |
| 2009 | 6     | 1   | 9    | 6      | 15     | 0.3       | 2.6     | 0.92  | 96.2      | 57.8806 | 45.2251 |
| 2009 | 6     | 1   | 9    | 21     | 15     | 0.3       | 2.6     | 0.86  | 93.9      | 57.8806 | 43.0922 |
| 2009 | 6     | 1   | 9    | 36     | 15     | 0.3       | 2.6     | 0.88  | 94.9      | 57.8806 | 43.6254 |
| 2009 | 6     | 1   | 9    | 51     | 15     | 0.3       | 2.6     | 0.88  | 93.4      | 57.8806 | 44.0253 |
| 2009 | 6     | 1   | 10   | 6      | 15     | 0.3       | 2.6     | 0.9   | 93.7      | 57.8806 | 44.8252 |
| 2009 | 6     | 1   | 10   | 21     | 15     | 0.3       | 2.6     | 0.94  | 93.4      | 57.8806 | 46.1582 |
| 2009 | 6     | 1   | 10   | 36     | 15     | 0.3       | 2.6     | 0.91  | 95.4      | 57.8806 | 45.0918 |
| 2009 | 6     | 1   | 10   | 51     | 15     | 0.3       | 2.6     | 0.89  | 93.2      | 57.8806 | 44.4253 |
| 2009 | 6     | 1   | 11   | 6      | 15     | 0.3       | 2.6     | 0.94  | 94.6      | 57.8806 | 46.2916 |
| 2009 | 6     | 1   | 11   | 21     | 15     | 0.3       | 2.6     | 0.9   | 94.4      | 57.9462 | 44.7425 |
| 2009 | 6     | 1   | 11   | 36     | 15     | 0.3       | 2.6     | 0.9   | 94.8      | 57.8806 | 44.5586 |
| 2009 | 6     | 1   | 11   | 51     | 15     | 0.3       | 2.6     | 0.92  | 93.9      | 57.8806 | 45.3584 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 1   | 12   | 6      | 15     | 0.3       | 2.6     | 0.94  | 93        | 57.8806 | 46.1582 |
| 2009 | 6     | 1   | 12   | 21     | 15     | 0.3       | 2.6     | 0.94  | 93.8      | 57.815  | 46.3722 |
| 2009 | 6     | 1   | 12   | 36     | 15     | 0.3       | 2.6     | 0.96  | 93.7      | 57.7494 | 46.8516 |
| 2009 | 6     | 1   | 12   | 51     | 15     | 0.3       | 2.6     | 1     | 93.6      | 57.815  | 48.5027 |
| 2009 | 6     | 1   | 13   | 6      | 15     | 0.3       | 2.6     | 0.97  | 93.7      | 57.815  | 47.4375 |
| 2009 | 6     | 1   | 13   | 21     | 15     | 0.3       | 2.6     | 0.96  | 92.9      | 57.7494 | 46.9846 |
| 2009 | 6     | 1   | 13   | 36     | 15     | 0.3       | 2.6     | 0.94  | 91        | 57.7494 | 46.3196 |
| 2009 | 6     | 1   | 13   | 51     | 15     | 0.3       | 2.6     | 0.95  | 93.2      | 57.815  | 46.7717 |
| 2009 | 6     | 1   | 14   | 6      | 15     | 0.3       | 2.6     | 0.98  | 92.9      | 57.815  | 47.837  |
| 2009 | 6     | 1   | 14   | 21     | 15     | 0.3       | 2.6     | 0.99  | 91.3      | 57.7494 | 48.1817 |
| 2009 | 6     | 1   | 14   | 36     | 15     | 0.3       | 2.6     | 0.95  | 93.6      | 57.7494 | 46.4526 |
| 2009 | 6     | 1   | 14   | 51     | 15     | 0.3       | 2.6     | 0.97  | 93.3      | 57.815  | 47.3043 |
| 2009 | 6     | 1   | 15   | 6      | 15     | 0.3       | 2.6     | 0.92  | 90.8      | 57.7494 | 45.5216 |
| 2009 | 6     | 1   | 15   | 21     | 15     | 0.3       | 2.6     | 0.9   | 93.7      | 57.7494 | 44.7235 |
| 2009 | 6     | 1   | 15   | 36     | 15     | 0.3       | 2.6     | 0.89  | 93.2      | 57.6837 | 44.0084 |
| 2009 | 6     | 1   | 15   | 51     | 15     | 0.3       | 2.6     | 0.92  | 91.8      | 57.7494 | 45.3886 |
| 2009 | 6     | 1   | 16   | 6      | 15     | 0.3       | 2.6     | 0.93  | 91.4      | 57.7494 | 45.7876 |
| 2009 | 6     | 1   | 16   | 21     | 15     | 0.3       | 2.6     | 0.9   | 91.9      | 57.7494 | 44.4575 |
| 2009 | 6     | 1   | 16   | 36     | 15     | 0.3       | 2.6     | 0.92  | 92        | 57.7494 | 45.5216 |
| 2009 | 6     | 1   | 16   | 51     | 15     | 0.3       | 2.6     | 0.9   | 91.3      | 57.7494 | 44.5905 |
| 2009 | 6     | 1   | 17   | 6      | 15     | 0.3       | 2.6     | 0.93  | 92.2      | 57.7494 | 45.6546 |
| 2009 | 6     | 1   | 17   | 21     | 15     | 0.3       | 2.6     | 0.89  | 92.3      | 57.7494 | 44.0585 |
| 2009 | 6     | 1   | 17   | 36     | 15     | 0.3       | 2.6     | 0.91  | 91.4      | 57.7494 | 45.1226 |
| 2009 | 6     | 1   | 17   | 51     | 15     | 0.3       | 2.6     | 0.91  | 91.5      | 57.7494 | 44.8565 |
| 2009 | 6     | 1   | 18   | 6      | 15     | 0.3       | 2.6     | 0.94  | 90.8      | 57.7494 | 46.1866 |
| 2009 | 6     | 1   | 18   | 21     | 15     | 0.3       | 2.6     | 0.91  | 90        | 57.7494 | 45.1226 |
| 2009 | 6     | 1   | 18   | 36     | 15     | 0.3       | 2.6     | 0.9   | 90        | 57.7494 | 44.5905 |
| 2009 | 6     | 1   | 18   | 51     | 15     | 0.3       | 2.6     | 0.98  | 92.7      | 57.815  | 47.837  |
| 2009 | 6     | 1   | 19   | 6      | 15     | 0.3       | 2.6     | 0.93  | 92        | 57.815  | 45.8396 |
| 2009 | 6     | 1   | 19   | 21     | 15     | 0.3       | 2.6     | 0.93  | 91        | 57.815  | 45.9728 |
| 2009 | 6     | 1   | 19   | 36     | 15     | 0.3       | 2.6     | 0.93  | 92        | 57.815  | 45.9728 |
| 2009 | 6     | 1   | 19   | 51     | 15     | 0.3       | 2.6     | 0.92  | 90.4      | 57.815  | 45.5733 |
| 2009 | 6     | 1   | 20   | 6      | 15     | 0.3       | 2.6     | 0.9   | 91.5      | 57.815  | 44.6412 |
| 2009 | 6     | 1   | 20   | 21     | 15     | 0.3       | 2.6     | 0.93  | 91.6      | 57.815  | 45.8396 |
| 2009 | 6     | 1   | 20   | 36     | 15     | 0.3       | 2.6     | 0.94  | 92.2      | 57.815  | 46.3722 |
| 2009 | 6     | 1   | 20   | 51     | 15     | 0.3       | 2.6     | 0.9   | 90.8      | 57.8806 | 44.5586 |
| 2009 | 6     | 1   | 21   | 6      | 15     | 0.3       | 2.6     | 0.93  | 92        | 57.8806 | 45.8916 |
| 2009 | 6     | 1   | 21   | 21     | 15     | 0.3       | 2.6     | 0.91  | 90.4      | 57.8806 | 45.0918 |
| 2009 | 6     | 1   | 21   | 36     | 15     | 0.3       | 2.6     | 0.9   | 92.3      | 57.8806 | 44.8252 |
| 2009 | 6     | 1   | 21   | 51     | 15     | 0.3       | 2.6     | 0.92  | 92.9      | 57.8806 | 45.4917 |
| 2009 | 6     | 1   | 22   | 6      | 15     | 0.3       | 2.6     | 0.93  | 91        | 57.8806 | 45.7583 |
| 2009 | 6     | 1   | 22   | 21     | 15     | 0.3       | 2.6     | 0.93  | 92        | 57.8806 | 46.0249 |
| 2009 | 6     | 1   | 22   | 36     | 15     | 0.3       | 2.6     | 0.94  | 91        | 57.8806 | 46.2916 |
| 2009 | 6     | 1   | 22   | 51     | 15     | 0.3       | 2.6     | 0.94  | 91.8      | 57.8806 | 46.2916 |
| 2009 | 6     | 1   | 23   | 6      | 15     | 0.3       | 2.6     | 0.9   | 89.4      | 57.8806 | 44.8252 |
| 2009 | 6     | 1   | 23   | 21     | 15     | 0.3       | 2.6     | 0.92  | 90.2      | 57.8806 | 45.625  |
| 2009 | 6     | 1   | 23   | 36     | 15     | 0.3       | 2.6     | 0.93  | 92.2      | 57.8806 | 45.8916 |
| 2009 | 6     | 1   | 23   | 51     | 15     | 0.3       | 2.6     | 0.92  | 91        | 57.8806 | 45.3584 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 2   | 0    | 6      | 15     | 0.3       | 2.6     | 0.92  | 92.5      | 57.8806 | 45.3584 |
| 2009 | 6     | 2   | 0    | 21     | 15     | 0.3       | 2.6     | 0.92  | 89.6      | 57.8806 | 45.4917 |
| 2009 | 6     | 2   | 0    | 36     | 15     | 0.3       | 2.6     | 0.92  | 91        | 57.8806 | 45.4917 |
| 2009 | 6     | 2   | 0    | 51     | 15     | 0.3       | 2.6     | 0.9   | 91        | 57.8806 | 44.5586 |
| 2009 | 6     | 2   | 1    | 6      | 15     | 0.3       | 2.6     | 0.91  | 89.6      | 57.9462 | 45.1429 |
| 2009 | 6     | 2   | 1    | 21     | 15     | 0.3       | 2.6     | 0.92  | 90.6      | 57.8806 | 45.625  |
| 2009 | 6     | 2   | 1    | 36     | 15     | 0.3       | 2.6     | 0.91  | 90.6      | 57.9462 | 45.0094 |
| 2009 | 6     | 2   | 1    | 51     | 15     | 0.3       | 2.6     | 0.91  | 91.9      | 57.9462 | 45.2764 |
| 2009 | 6     | 2   | 2    | 6      | 15     | 0.3       | 2.6     | 0.92  | 91.6      | 57.9462 | 45.6767 |
| 2009 | 6     | 2   | 2    | 21     | 15     | 0.3       | 2.6     | 0.94  | 91        | 57.9462 | 46.4775 |
| 2009 | 6     | 2   | 2    | 36     | 15     | 0.3       | 2.6     | 0.94  | 93        | 57.9462 | 46.2106 |
| 2009 | 6     | 2   | 2    | 51     | 15     | 0.3       | 2.6     | 0.91  | 92.9      | 57.9462 | 45.0094 |
| 2009 | 6     | 2   | 3    | 6      | 15     | 0.3       | 2.6     | 0.96  | 91.8      | 57.9462 | 47.0113 |
| 2009 | 6     | 2   | 3    | 21     | 15     | 0.3       | 2.6     | 0.9   | 91.7      | 57.9462 | 44.7425 |
| 2009 | 6     | 2   | 3    | 36     | 15     | 0.3       | 2.6     | 0.95  | 92.6      | 57.9462 | 46.7444 |
| 2009 | 6     | 2   | 3    | 51     | 15     | 0.3       | 2.6     | 0.95  | 91        | 57.9462 | 46.8779 |
| 2009 | 6     | 2   | 4    | 6      | 15     | 0.3       | 2.6     | 0.93  | 90.8      | 57.9462 | 45.8102 |
| 2009 | 6     | 2   | 4    | 21     | 15     | 0.3       | 2.6     | 0.94  | 92.4      | 57.9462 | 46.344  |
| 2009 | 6     | 2   | 4    | 36     | 15     | 0.3       | 2.6     | 0.93  | 91        | 57.9462 | 45.9437 |
| 2009 | 6     | 2   | 4    | 51     | 15     | 0.3       | 2.6     | 0.92  | 90.8      | 57.9462 | 45.6767 |
| 2009 | 6     | 2   | 5    | 6      | 15     | 0.3       | 2.6     | 0.92  | 90.2      | 57.9462 | 45.6767 |
| 2009 | 6     | 2   | 5    | 21     | 15     | 0.3       | 2.6     | 0.95  | 92.2      | 57.9462 | 46.7444 |
| 2009 | 6     | 2   | 5    | 36     | 15     | 0.3       | 2.6     | 0.91  | 91        | 57.9462 | 45.2764 |
| 2009 | 6     | 2   | 5    | 51     | 15     | 0.3       | 2.6     | 0.93  | 92        | 57.9462 | 46.0771 |
| 2009 | 6     | 2   | 6    | 6      | 15     | 0.3       | 2.6     | 0.93  | 91.2      | 57.9462 | 45.8102 |
| 2009 | 6     | 2   | 6    | 21     | 15     | 0.3       | 2.6     | 0.89  | 91.3      | 57.9462 | 44.4756 |
| 2009 | 6     | 2   | 6    | 36     | 15     | 0.3       | 2.6     | 0.94  | 91.6      | 57.9462 | 46.4775 |
| 2009 | 6     | 2   | 6    | 51     | 15     | 0.3       | 2.6     | 0.91  | 90.6      | 57.9462 | 45.1429 |
| 2009 | 6     | 2   | 7    | 6      | 15     | 0.3       | 2.6     | 0.93  | 90.6      | 57.9462 | 45.8102 |
| 2009 | 6     | 2   | 7    | 21     | 15     | 0.3       | 2.6     | 0.95  | 92.2      | 57.9462 | 46.611  |
| 2009 | 6     | 2   | 7    | 36     | 15     | 0.3       | 2.6     | 0.95  | 91.8      | 57.9462 | 46.611  |
| 2009 | 6     | 2   | 7    | 51     | 15     | 0.3       | 2.6     | 0.94  | 90.6      | 57.9462 | 46.4775 |
| 2009 | 6     | 2   | 8    | 6      | 15     | 0.3       | 2.6     | 0.93  | 90.8      | 58.0118 | 45.8621 |
| 2009 | 6     | 2   | 8    | 21     | 15     | 0.3       | 2.6     | 0.94  | 91.2      | 58.0118 | 46.5301 |
| 2009 | 6     | 2   | 8    | 36     | 15     | 0.3       | 2.6     | 0.96  | 91.8      | 58.0118 | 47.3318 |
| 2009 | 6     | 2   | 8    | 51     | 15     | 0.3       | 2.6     | 0.96  | 91.4      | 57.9462 | 47.4117 |
| 2009 | 6     | 2   | 9    | 6      | 15     | 0.3       | 2.6     | 0.94  | 91.8      | 58.0118 | 46.5301 |
| 2009 | 6     | 2   | 9    | 21     | 15     | 0.3       | 2.6     | 0.99  | 93.6      | 58.0118 | 48.267  |
| 2009 | 6     | 2   | 9    | 36     | 15     | 0.3       | 2.6     | 0.93  | 92.4      | 58.0118 | 45.9957 |
| 2009 | 6     | 2   | 9    | 51     | 15     | 0.3       | 2.6     | 0.96  | 92.5      | 58.0118 | 47.3318 |
| 2009 | 6     | 2   | 10   | 6      | 15     | 0.3       | 2.6     | 0.94  | 93.4      | 57.9462 | 46.344  |
| 2009 | 6     | 2   | 10   | 21     | 15     | 0.3       | 2.6     | 0.96  | 92        | 57.9462 | 47.0113 |
| 2009 | 6     | 2   | 10   | 36     | 15     | 0.3       | 2.6     | 0.99  | 91.9      | 58.0118 | 48.6679 |
| 2009 | 6     | 2   | 10   | 51     | 15     | 0.3       | 2.6     | 0.97  | 92.5      | 58.0118 | 47.7326 |
| 2009 | 6     | 2   | 11   | 6      | 15     | 0.3       | 2.6     | 0.98  | 92.5      | 57.9462 | 47.8121 |
| 2009 | 6     | 2   | 11   | 21     | 15     | 0.3       | 2.6     | 0.99  | 93.2      | 57.9462 | 48.3459 |
| 2009 | 6     | 2   | 11   | 36     | 15     | 0.3       | 2.6     | 0.96  | 90        | 57.9462 | 47.2782 |
| 2009 | 6     | 2   | 11   | 51     | 15     | 0.3       | 2.6     | 0.98  | 91.3      | 58.0118 | 47.9998 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 2   | 12   | 6      | 15     | 0.3       | 2.6     | 0.96  | 92.2      | 58.0118 | 47.0646 |
| 2009 | 6     | 2   | 12   | 21     | 15     | 0.3       | 2.6     | 0.98  | 91.5      | 57.9462 | 47.9455 |
| 2009 | 6     | 2   | 12   | 36     | 15     | 0.3       | 2.6     | 0.95  | 90.8      | 57.9462 | 46.7444 |
| 2009 | 6     | 2   | 12   | 51     | 15     | 0.3       | 2.6     | 0.97  | 92.5      | 57.8806 | 47.358  |
| 2009 | 6     | 2   | 13   | 6      | 15     | 0.3       | 2.6     | 0.98  | 91.7      | 58.0118 | 47.9998 |
| 2009 | 6     | 2   | 13   | 21     | 15     | 0.3       | 2.6     | 0.96  | 91.8      | 57.9462 | 47.0113 |
| 2009 | 6     | 2   | 13   | 36     | 15     | 0.3       | 2.6     | 0.98  | 92.3      | 57.9462 | 48.079  |
| 2009 | 6     | 2   | 13   | 51     | 15     | 0.3       | 2.6     | 1     | 91.7      | 57.8806 | 48.6911 |
| 2009 | 6     | 2   | 14   | 6      | 15     | 0.3       | 2.6     | 0.92  | 91.8      | 57.9462 | 45.6767 |
| 2009 | 6     | 2   | 14   | 21     | 15     | 0.3       | 2.6     | 0.95  | 92.2      | 57.815  | 46.7717 |
| 2009 | 6     | 2   | 14   | 36     | 15     | 0.3       | 2.6     | 0.96  | 93.7      | 57.815  | 47.038  |
| 2009 | 6     | 2   | 14   | 51     | 15     | 0.3       | 2.6     | 0.95  | 92        | 57.8806 | 46.5582 |
| 2009 | 6     | 2   | 15   | 6      | 15     | 0.3       | 2.6     | 0.94  | 92.2      | 57.8806 | 46.4249 |
| 2009 | 6     | 2   | 15   | 21     | 15     | 0.3       | 2.6     | 0.97  | 91.9      | 57.8806 | 47.358  |
| 2009 | 6     | 2   | 15   | 36     | 15     | 0.3       | 2.6     | 0.98  | 93.3      | 57.815  | 47.9701 |
| 2009 | 6     | 2   | 15   | 51     | 15     | 0.3       | 2.6     | 0.94  | 91.4      | 57.8806 | 46.2916 |
| 2009 | 6     | 2   | 16   | 6      | 15     | 0.3       | 2.6     | 0.96  | 93.7      | 57.8806 | 47.2247 |
| 2009 | 6     | 2   | 16   | 21     | 15     | 0.3       | 2.6     | 0.97  | 91        | 57.8806 | 47.6246 |
| 2009 | 6     | 2   | 16   | 36     | 15     | 0.3       | 2.6     | 0.97  | 92.7      | 57.8806 | 47.6246 |
| 2009 | 6     | 2   | 16   | 51     | 15     | 0.3       | 2.6     | 0.96  | 92.8      | 57.815  | 46.9049 |
| 2009 | 6     | 2   | 17   | 6      | 15     | 0.3       | 2.6     | 0.93  | 90.8      | 57.815  | 45.9728 |
| 2009 | 6     | 2   | 17   | 21     | 15     | 0.3       | 2.6     | 0.98  | 91.5      | 57.815  | 47.837  |
| 2009 | 6     | 2   | 17   | 36     | 15     | 0.3       | 2.6     | 0.93  | 91        | 57.815  | 45.9728 |
| 2009 | 6     | 2   | 17   | 51     | 15     | 0.3       | 2.6     | 0.95  | 90.8      | 57.815  | 46.9049 |
| 2009 | 6     | 2   | 18   | 6      | 15     | 0.3       | 2.6     | 0.92  | 91.8      | 57.9462 | 45.4098 |
| 2009 | 6     | 2   | 18   | 21     | 15     | 0.3       | 2.6     | 0.9   | 90.4      | 57.8806 | 44.6919 |
| 2009 | 6     | 2   | 18   | 36     | 15     | 0.3       | 2.6     | 0.94  | 91.8      | 57.9462 | 46.344  |
| 2009 | 6     | 2   | 18   | 51     | 15     | 0.3       | 2.6     | 0.95  | 90.6      | 57.9462 | 46.8779 |
| 2009 | 6     | 2   | 19   | 6      | 15     | 0.3       | 2.6     | 0.93  | 90.4      | 57.8806 | 46.0249 |
| 2009 | 6     | 2   | 19   | 21     | 15     | 0.3       | 2.6     | 0.94  | 93.8      | 57.815  | 46.3722 |
| 2009 | 6     | 2   | 19   | 36     | 15     | 0.3       | 2.6     | 0.96  | 91.8      | 57.8806 | 47.0914 |
| 2009 | 6     | 2   | 19   | 51     | 15     | 0.3       | 2.6     | 0.99  | 91.7      | 57.815  | 48.3696 |
| 2009 | 6     | 2   | 20   | 6      | 15     | 0.3       | 2.6     | 0.98  | 91.1      | 57.7494 | 48.0487 |
| 2009 | 6     | 2   | 20   | 21     | 15     | 0.3       | 2.6     | 0.96  | 91.2      | 57.7494 | 47.1176 |
| 2009 | 6     | 2   | 20   | 36     | 15     | 0.3       | 2.6     | 0.94  | 91.8      | 57.815  | 46.3722 |
| 2009 | 6     | 2   | 20   | 51     | 15     | 0.3       | 2.6     | 0.94  | 92        | 57.8806 | 46.4249 |
| 2009 | 6     | 2   | 21   | 6      | 15     | 0.3       | 2.6     | 0.94  | 92.8      | 57.815  | 46.1059 |
| 2009 | 6     | 2   | 21   | 21     | 15     | 0.3       | 2.6     | 0.98  | 93.5      | 57.7494 | 47.6497 |
| 2009 | 6     | 2   | 21   | 36     | 15     | 0.3       | 2.6     | 0.97  | 92.1      | 57.8806 | 47.6246 |
| 2009 | 6     | 2   | 21   | 51     | 15     | 0.3       | 2.6     | 0.98  | 92.7      | 57.7494 | 47.7827 |
| 2009 | 6     | 2   | 22   | 6      | 15     | 0.3       | 2.6     | 0.98  | 91.3      | 57.815  | 48.1033 |
| 2009 | 6     | 2   | 22   | 21     | 15     | 0.3       | 2.6     | 0.97  | 91.9      | 57.815  | 47.4375 |
| 2009 | 6     | 2   | 22   | 36     | 15     | 0.3       | 2.6     | 0.98  | 92.1      | 57.7494 | 47.9157 |
| 2009 | 6     | 2   | 22   | 51     | 15     | 0.3       | 2.6     | 0.97  | 91.7      | 57.9462 | 47.6786 |
| 2009 | 6     | 2   | 23   | 6      | 15     | 0.3       | 2.6     | 1     | 93.4      | 57.815  | 48.6359 |
| 2009 | 6     | 2   | 23   | 21     | 15     | 0.3       | 2.6     | 0.96  | 92.7      | 57.8806 | 47.2247 |
| 2009 | 6     | 2   | 23   | 36     | 15     | 0.3       | 2.6     | 0.99  | 91.5      | 57.815  | 48.2364 |
| 2009 | 6     | 2   | 23   | 51     | 15     | 0.3       | 2.6     | 0.96  | 92        | 57.8806 | 47.0914 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 3   | 0    | 6      | 15     | 0.3       | 2.6     | 1     | 91.9      | 57.815  | 48.769  |
| 2009 | 6     | 3   | 0    | 21     | 15     | 0.3       | 2.6     | 0.97  | 91.2      | 57.8806 | 47.6246 |
| 2009 | 6     | 3   | 0    | 36     | 15     | 0.3       | 2.6     | 0.96  | 92        | 57.8806 | 47.0914 |
| 2009 | 6     | 3   | 0    | 51     | 15     | 0.3       | 2.6     | 0.99  | 93.4      | 57.9462 | 48.3459 |
| 2009 | 6     | 3   | 1    | 6      | 15     | 0.3       | 2.6     | 0.96  | 91.8      | 57.8806 | 47.0914 |
| 2009 | 6     | 3   | 1    | 21     | 15     | 0.3       | 2.6     | 0.95  | 92.6      | 57.8806 | 46.5582 |
| 2009 | 6     | 3   | 1    | 36     | 15     | 0.3       | 2.6     | 0.94  | 90.8      | 57.9462 | 46.611  |
| 2009 | 6     | 3   | 1    | 51     | 15     | 0.3       | 2.6     | 0.95  | 89.6      | 57.9462 | 46.8779 |
| 2009 | 6     | 3   | 2    | 6      | 15     | 0.3       | 2.6     | 0.98  | 93.1      | 57.9462 | 48.079  |
| 2009 | 6     | 3   | 2    | 21     | 15     | 0.3       | 2.6     | 1     | 91.5      | 57.9462 | 48.7463 |
| 2009 | 6     | 3   | 2    | 36     | 15     | 0.3       | 2.6     | 0.94  | 90        | 57.9462 | 46.611  |
| 2009 | 6     | 3   | 2    | 51     | 15     | 0.3       | 2.6     | 0.97  | 90.8      | 57.9462 | 47.5452 |
| 2009 | 6     | 3   | 3    | 6      | 15     | 0.3       | 2.6     | 0.93  | 91        | 57.9462 | 45.9437 |
| 2009 | 6     | 3   | 3    | 21     | 15     | 0.3       | 2.6     | 0.94  | 91        | 57.9462 | 46.344  |
| 2009 | 6     | 3   | 3    | 36     | 15     | 0.3       | 2.6     | 0.87  | 91.1      | 57.9462 | 43.6749 |
| 2009 | 6     | 3   | 3    | 51     | 15     | 0.3       | 2.6     | 0.98  | 91.9      | 57.9462 | 47.9455 |
| 2009 | 6     | 3   | 4    | 6      | 15     | 0.3       | 2.6     | 0.93  | 90.2      | 57.9462 | 46.0771 |
| 2009 | 6     | 3   | 4    | 21     | 15     | 0.3       | 2.6     | 0.91  | 90.8      | 57.9462 | 45.0094 |
| 2009 | 6     | 3   | 4    | 36     | 15     | 0.3       | 2.6     | 0.92  | 91.2      | 58.0118 | 45.4612 |
| 2009 | 6     | 3   | 4    | 51     | 15     | 0.3       | 2.6     | 0.91  | 91.2      | 58.0118 | 45.194  |
| 2009 | 6     | 3   | 5    | 6      | 15     | 0.3       | 2.6     | 0.95  | 90.6      | 58.0118 | 46.931  |
| 2009 | 6     | 3   | 5    | 21     | 15     | 0.3       | 2.6     | 0.93  | 90.4      | 58.0118 | 45.9957 |
| 2009 | 6     | 3   | 5    | 36     | 15     | 0.3       | 2.6     | 0.91  | 89.8      | 58.0118 | 45.194  |
| 2009 | 6     | 3   | 5    | 51     | 15     | 0.3       | 2.6     | 0.93  | 91        | 58.0118 | 46.1293 |
| 2009 | 6     | 3   | 6    | 6      | 15     | 0.3       | 2.6     | 0.92  | 91.8      | 58.0118 | 45.7285 |
| 2009 | 6     | 3   | 6    | 21     | 15     | 0.3       | 2.6     | 0.97  | 91.4      | 58.0118 | 47.7326 |
| 2009 | 6     | 3   | 6    | 36     | 15     | 0.3       | 2.6     | 0.93  | 91.8      | 58.0774 | 46.1815 |
| 2009 | 6     | 3   | 6    | 51     | 15     | 0.3       | 2.6     | 0.95  | 91        | 58.0774 | 46.7165 |
| 2009 | 6     | 3   | 7    | 6      | 15     | 0.3       | 2.6     | 1     | 92.5      | 58.0774 | 48.7229 |
| 2009 | 6     | 3   | 7    | 21     | 15     | 0.3       | 2.6     | 0.95  | 91        | 58.1431 | 47.171  |
| 2009 | 6     | 3   | 7    | 36     | 15     | 0.3       | 2.6     | 0.95  | 91.2      | 58.2087 | 46.8221 |
| 2009 | 6     | 3   | 7    | 51     | 15     | 0.3       | 2.6     | 0.9   | 92.9      | 58.2087 | 44.8111 |
| 2009 | 6     | 3   | 8    | 6      | 15     | 0.3       | 2.6     | 0.89  | 90.8      | 58.2087 | 44.543  |
| 2009 | 6     | 3   | 8    | 21     | 15     | 0.3       | 2.6     | 0.97  | 91.7      | 58.2087 | 47.7605 |
| 2009 | 6     | 3   | 8    | 36     | 15     | 0.3       | 2.6     | 0.93  | 90.4      | 58.2743 | 46.0696 |
| 2009 | 6     | 3   | 8    | 51     | 15     | 0.3       | 2.6     | 0.94  | 90.6      | 58.2743 | 46.8749 |
| 2009 | 6     | 3   | 9    | 6      | 15     | 0.3       | 2.6     | 0.96  | 93.1      | 58.2743 | 47.5459 |
| 2009 | 6     | 3   | 9    | 21     | 15     | 0.3       | 2.6     | 0.95  | 93.7      | 58.3399 | 47.1964 |
| 2009 | 6     | 3   | 9    | 36     | 15     | 0.3       | 2.6     | 0.96  | 91.8      | 58.4055 | 47.384  |
| 2009 | 6     | 3   | 9    | 51     | 15     | 0.3       | 2.6     | 0.93  | 91.8      | 58.4055 | 46.4424 |
| 2009 | 6     | 3   | 10   | 6      | 15     | 0.3       | 2.6     | 0.91  | 91.9      | 58.4055 | 45.3662 |
| 2009 | 6     | 3   | 10   | 21     | 15     | 0.3       | 2.6     | 0.93  | 91.6      | 58.4055 | 46.3078 |
| 2009 | 6     | 3   | 10   | 36     | 15     | 0.3       | 2.6     | 0.92  | 90.8      | 58.4055 | 46.0388 |
| 2009 | 6     | 3   | 10   | 51     | 15     | 0.3       | 2.6     | 0.91  | 91.9      | 58.4055 | 45.5007 |
| 2009 | 6     | 3   | 11   | 6      | 15     | 0.3       | 2.6     | 0.93  | 89.4      | 58.4055 | 46.1733 |
| 2009 | 6     | 3   | 11   | 21     | 15     | 0.3       | 2.6     | 0.92  | 91.4      | 58.4055 | 45.7698 |
| 2009 | 6     | 3   | 11   | 36     | 15     | 0.3       | 2.6     | 0.95  | 92        | 58.4711 | 47.0332 |
| 2009 | 6     | 3   | 11   | 51     | 15     | 0.3       | 2.6     | 0.96  | 91        | 58.4711 | 47.5719 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 3   | 12   | 6      | 15     | 0.3       | 2.6     | 0.95  | 91        | 58.4711 | 47.0332 |
| 2009 | 6     | 3   | 12   | 21     | 15     | 0.3       | 2.6     | 0.96  | 91        | 58.4711 | 47.5719 |
| 2009 | 6     | 3   | 12   | 36     | 15     | 0.3       | 2.6     | 0.94  | 91.8      | 58.4711 | 46.6292 |
| 2009 | 6     | 3   | 12   | 51     | 15     | 0.3       | 2.6     | 0.94  | 91.6      | 58.4711 | 46.6292 |
| 2009 | 6     | 3   | 13   | 6      | 15     | 0.3       | 2.6     | 0.92  | 90.8      | 58.5368 | 46.1423 |
| 2009 | 6     | 3   | 13   | 21     | 15     | 0.3       | 2.6     | 0.95  | 91.8      | 58.5368 | 47.3556 |
| 2009 | 6     | 3   | 13   | 36     | 15     | 0.3       | 2.6     | 0.97  | 92.3      | 58.4055 | 47.7875 |
| 2009 | 6     | 3   | 13   | 51     | 15     | 0.3       | 2.6     | 0.93  | 91.4      | 58.4711 | 46.4945 |
| 2009 | 6     | 3   | 14   | 6      | 15     | 0.3       | 2.6     | 0.94  | 89.2      | 58.4711 | 47.0332 |
| 2009 | 6     | 3   | 14   | 21     | 15     | 0.3       | 2.6     | 1     | 93.4      | 58.4711 | 49.3226 |
| 2009 | 6     | 3   | 14   | 36     | 15     | 0.3       | 2.6     | 0.99  | 90.8      | 58.4711 | 48.9185 |
| 2009 | 6     | 3   | 14   | 51     | 15     | 0.3       | 2.6     | 0.93  | 90.4      | 58.4711 | 46.3599 |
| 2009 | 6     | 3   | 15   | 6      | 15     | 0.3       | 2.6     | 0.92  | 91.8      | 58.5368 | 46.0074 |
| 2009 | 6     | 3   | 15   | 21     | 15     | 0.3       | 2.6     | 0.95  | 91        | 58.5368 | 47.086  |
| 2009 | 6     | 3   | 15   | 36     | 15     | 0.3       | 2.6     | 0.92  | 90        | 58.5368 | 46.0074 |
| 2009 | 6     | 3   | 15   | 51     | 15     | 0.3       | 2.6     | 0.94  | 89.2      | 58.6024 | 47.1388 |
| 2009 | 6     | 3   | 16   | 6      | 15     | 0.3       | 2.6     | 0.92  | 90.4      | 58.6024 | 46.194  |
| 2009 | 6     | 3   | 16   | 21     | 15     | 0.3       | 2.6     | 0.94  | 90        | 58.6024 | 47.1388 |
| 2009 | 6     | 3   | 16   | 36     | 15     | 0.3       | 2.6     | 0.93  | 91        | 58.668  | 46.6511 |
| 2009 | 6     | 3   | 16   | 51     | 15     | 0.3       | 2.6     | 0.97  | 90.8      | 58.668  | 48.4076 |
| 2009 | 6     | 3   | 17   | 6      | 15     | 0.3       | 2.6     | 0.97  | 90        | 58.7336 | 48.3265 |
| 2009 | 6     | 3   | 17   | 21     | 15     | 0.3       | 2.6     | 0.94  | 90        | 58.7336 | 47.2443 |
| 2009 | 6     | 3   | 17   | 36     | 15     | 0.3       | 2.6     | 0.95  | 90.4      | 58.7992 | 47.4325 |
| 2009 | 6     | 3   | 17   | 51     | 15     | 0.3       | 2.6     | 0.97  | 89.4      | 58.7992 | 48.3805 |
| 2009 | 6     | 3   | 18   | 6      | 15     | 0.3       | 2.6     | 0.99  | 90.8      | 58.8648 | 49.1124 |
| 2009 | 6     | 3   | 18   | 21     | 15     | 0.3       | 2.6     | 0.98  | 90.2      | 58.9305 | 49.0314 |
| 2009 | 6     | 3   | 18   | 36     | 15     | 0.3       | 2.6     | 0.95  | 91        | 58.9961 | 47.4554 |
| 2009 | 6     | 3   | 18   | 51     | 15     | 0.3       | 2.6     | 0.94  | 90        | 59.0617 | 47.3722 |
| 2009 | 6     | 3   | 19   | 6      | 15     | 0.3       | 2.6     | 0.98  | 91.9      | 59.1273 | 49.059  |
| 2009 | 6     | 3   | 19   | 21     | 15     | 0.3       | 2.6     | 0.93  | 91.4      | 59.1273 | 47.0163 |
| 2009 | 6     | 3   | 19   | 36     | 15     | 0.3       | 2.6     | 0.94  | 90        | 59.1273 | 47.2887 |
| 2009 | 6     | 3   | 19   | 51     | 15     | 0.3       | 2.6     | 0.9   | 91.5      | 59.1929 | 45.7052 |
| 2009 | 6     | 3   | 20   | 6      | 15     | 0.3       | 2.6     | 0.92  | 90        | 59.1929 | 46.3868 |
| 2009 | 6     | 3   | 20   | 21     | 15     | 0.3       | 2.6     | 0.93  | 91.8      | 59.1929 | 46.7958 |
| 2009 | 6     | 3   | 20   | 36     | 15     | 0.3       | 2.6     | 0.93  | 92.4      | 59.1929 | 46.7958 |
| 2009 | 6     | 3   | 20   | 51     | 15     | 0.3       | 2.6     | 0.92  | 91.2      | 59.2585 | 46.5747 |
| 2009 | 6     | 3   | 21   | 6      | 15     | 0.3       | 2.6     | 0.95  | 90.4      | 59.2585 | 47.8031 |
| 2009 | 6     | 3   | 21   | 21     | 15     | 0.3       | 2.6     | 0.94  | 90.6      | 59.2585 | 47.6666 |
| 2009 | 6     | 3   | 21   | 36     | 15     | 0.3       | 2.6     | 0.93  | 93.4      | 59.2585 | 47.1206 |
| 2009 | 6     | 3   | 21   | 51     | 15     | 0.3       | 2.6     | 0.94  | 89        | 59.2585 | 47.3936 |
| 2009 | 6     | 3   | 22   | 6      | 15     | 0.3       | 2.6     | 0.94  | 91        | 59.2585 | 47.5301 |
| 2009 | 6     | 3   | 22   | 21     | 15     | 0.3       | 2.6     | 0.93  | 90.8      | 59.3242 | 46.8996 |
| 2009 | 6     | 3   | 22   | 36     | 15     | 0.3       | 2.6     | 0.91  | 91.4      | 59.3242 | 46.2164 |
| 2009 | 6     | 3   | 22   | 51     | 15     | 0.3       | 2.6     | 0.95  | 90        | 59.3242 | 47.9926 |
| 2009 | 6     | 3   | 23   | 6      | 15     | 0.3       | 2.6     | 0.94  | 89.2      | 59.3242 | 47.7194 |
| 2009 | 6     | 3   | 23   | 21     | 15     | 0.3       | 2.6     | 0.96  | 91        | 59.3242 | 48.4025 |
| 2009 | 6     | 3   | 23   | 36     | 15     | 0.3       | 2.6     | 0.95  | 91.6      | 59.3242 | 47.9926 |
| 2009 | 6     | 3   | 23   | 51     | 15     | 0.3       | 2.6     | 0.94  | 89.8      | 59.3242 | 47.4461 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 4   | 0    | 6      | 15     | 0.3       | 2.6     | 0.95  | 91        | 59.3898 | 48.1825 |
| 2009 | 6     | 4   | 0    | 21     | 15     | 0.3       | 2.6     | 0.95  | 92        | 59.3898 | 47.9089 |
| 2009 | 6     | 4   | 0    | 36     | 15     | 0.3       | 2.6     | 0.92  | 90.8      | 59.3898 | 46.5411 |
| 2009 | 6     | 4   | 0    | 51     | 15     | 0.3       | 2.6     | 0.96  | 90.8      | 59.3898 | 48.5928 |
| 2009 | 6     | 4   | 1    | 6      | 15     | 0.3       | 2.6     | 0.96  | 92        | 59.3898 | 48.3193 |
| 2009 | 6     | 4   | 1    | 21     | 15     | 0.3       | 2.6     | 0.93  | 90.8      | 59.4554 | 47.1402 |
| 2009 | 6     | 4   | 1    | 36     | 15     | 0.3       | 2.6     | 0.94  | 90.8      | 59.4554 | 47.8249 |
| 2009 | 6     | 4   | 1    | 51     | 15     | 0.3       | 2.6     | 0.97  | 90.4      | 59.521  | 48.8373 |
| 2009 | 6     | 4   | 2    | 6      | 15     | 0.3       | 2.6     | 0.95  | 91.2      | 59.5866 | 48.0677 |
| 2009 | 6     | 4   | 2    | 21     | 15     | 0.3       | 2.6     | 0.96  | 92.6      | 59.7178 | 48.4487 |
| 2009 | 6     | 4   | 2    | 36     | 15     | 0.3       | 2.6     | 0.97  | 91.8      | 59.7835 | 48.915  |
| 2009 | 6     | 4   | 2    | 51     | 15     | 0.3       | 2.6     | 0.96  | 91.2      | 59.7835 | 48.915  |
| 2009 | 6     | 4   | 3    | 6      | 15     | 0.3       | 2.6     | 0.94  | 91        | 59.8491 | 48.0038 |
| 2009 | 6     | 4   | 3    | 21     | 15     | 0.3       | 2.6     | 0.98  | 91.3      | 59.8491 | 49.7957 |
| 2009 | 6     | 4   | 3    | 36     | 15     | 0.3       | 2.6     | 0.98  | 91.7      | 59.8491 | 49.7957 |
| 2009 | 6     | 4   | 3    | 51     | 15     | 0.3       | 2.6     | 0.97  | 91        | 59.9147 | 49.2983 |
| 2009 | 6     | 4   | 4    | 6      | 15     | 0.3       | 2.6     | 0.97  | 92.5      | 59.9147 | 49.1603 |
| 2009 | 6     | 4   | 4    | 21     | 15     | 0.3       | 2.6     | 0.94  | 92.8      | 59.9147 | 48.0564 |
| 2009 | 6     | 4   | 4    | 36     | 15     | 0.3       | 2.6     | 0.97  | 90.2      | 59.9147 | 49.4363 |
| 2009 | 6     | 4   | 4    | 51     | 15     | 0.3       | 2.6     | 0.96  | 90.6      | 59.9803 | 48.7997 |
| 2009 | 6     | 4   | 5    | 6      | 15     | 0.3       | 2.6     | 0.95  | 92        | 59.9803 | 48.2472 |
| 2009 | 6     | 4   | 5    | 21     | 15     | 0.3       | 2.6     | 0.97  | 93.5      | 59.9803 | 49.3523 |
| 2009 | 6     | 4   | 5    | 36     | 15     | 0.3       | 2.6     | 0.98  | 91.5      | 59.9803 | 49.6286 |
| 2009 | 6     | 4   | 5    | 51     | 15     | 0.3       | 2.6     | 0.97  | 92.1      | 59.9803 | 49.2142 |
| 2009 | 6     | 4   | 6    | 6      | 15     | 0.3       | 2.6     | 0.99  | 93        | 59.9803 | 50.1812 |
| 2009 | 6     | 4   | 6    | 21     | 15     | 0.3       | 2.6     | 0.99  | 90.9      | 60.0459 | 50.3744 |
| 2009 | 6     | 4   | 6    | 36     | 15     | 0.3       | 2.6     | 0.95  | 90.4      | 60.0459 | 48.4382 |
| 2009 | 6     | 4   | 6    | 51     | 15     | 0.3       | 2.6     | 0.97  | 91.7      | 60.0459 | 49.4063 |
| 2009 | 6     | 4   | 7    | 6      | 15     | 0.3       | 2.6     | 0.98  | 89.8      | 60.1116 | 49.7372 |
| 2009 | 6     | 4   | 7    | 21     | 15     | 0.3       | 2.6     | 0.96  | 92        | 60.1116 | 49.045  |
| 2009 | 6     | 4   | 7    | 36     | 15     | 0.3       | 2.6     | 0.94  | 90.8      | 60.1116 | 48.3527 |
| 2009 | 6     | 4   | 7    | 51     | 15     | 0.3       | 2.6     | 0.95  | 91.6      | 60.1116 | 48.6296 |
| 2009 | 6     | 4   | 8    | 6      | 15     | 0.3       | 2.6     | 0.97  | 92.3      | 60.1116 | 49.1834 |
| 2009 | 6     | 4   | 8    | 21     | 15     | 0.3       | 2.6     | 0.99  | 92.7      | 60.1772 | 50.0687 |
| 2009 | 6     | 4   | 8    | 36     | 15     | 0.3       | 2.6     | 0.98  | 92.5      | 60.1772 | 49.6529 |
| 2009 | 6     | 4   | 8    | 51     | 15     | 0.3       | 2.6     | 0.99  | 91.9      | 60.2428 | 50.262  |
| 2009 | 6     | 4   | 9    | 6      | 15     | 0.3       | 2.6     | 1.05  | 93.8      | 60.3084 | 52.8169 |
| 2009 | 6     | 4   | 9    | 21     | 15     | 0.3       | 2.6     | 0.99  | 92.3      | 60.3084 | 50.3168 |
| 2009 | 6     | 4   | 9    | 36     | 15     | 0.3       | 2.6     | 0.98  | 92.5      | 60.3084 | 50.039  |
| 2009 | 6     | 4   | 9    | 51     | 15     | 0.3       | 2.6     | 1.01  | 91.7      | 60.3084 | 51.2891 |
| 2009 | 6     | 4   | 10   | 6      | 15     | 0.3       | 2.6     | 1.01  | 91.7      | 60.3084 | 51.1502 |
| 2009 | 6     | 4   | 10   | 21     | 15     | 0.3       | 2.6     | 0.96  | 90.8      | 60.374  | 49.3982 |
| 2009 | 6     | 4   | 10   | 36     | 15     | 0.3       | 2.6     | 0.97  | 90.6      | 60.374  | 49.8153 |
| 2009 | 6     | 4   | 10   | 51     | 15     | 0.3       | 2.6     | 1.05  | 92.3      | 60.374  | 53.0135 |
| 2009 | 6     | 4   | 11   | 6      | 15     | 0.3       | 2.6     | 1.03  | 90.7      | 60.3084 | 51.9835 |
| 2009 | 6     | 4   | 11   | 21     | 15     | 0.3       | 2.6     | 1.01  | 93.5      | 60.3084 | 51.1502 |
| 2009 | 6     | 4   | 11   | 36     | 15     | 0.3       | 2.6     | 1.02  | 91.7      | 60.374  | 51.623  |
| 2009 | 6     | 4   | 11   | 51     | 15     | 0.3       | 2.6     | 1.02  | 91.7      | 60.3084 | 51.7058 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 4   | 12   | 6      | 15     | 0.3       | 2.6     | 1.02  | 93.1      | 60.374  | 51.4839 |
| 2009 | 6     | 4   | 12   | 21     | 15     | 0.3       | 2.6     | 1     | 93        | 60.4396 | 50.8439 |
| 2009 | 6     | 4   | 12   | 36     | 15     | 0.3       | 2.6     | 1.03  | 92        | 60.374  | 52.1792 |
| 2009 | 6     | 4   | 12   | 51     | 15     | 0.3       | 2.6     | 1.03  | 91.8      | 60.4396 | 52.3751 |
| 2009 | 6     | 4   | 13   | 6      | 15     | 0.3       | 2.6     | 1.02  | 93.5      | 60.4396 | 51.5399 |
| 2009 | 6     | 4   | 13   | 21     | 15     | 0.3       | 2.6     | 1.03  | 92.4      | 60.5053 | 52.2926 |
| 2009 | 6     | 4   | 13   | 36     | 15     | 0.3       | 2.6     | 1.04  | 91.5      | 60.5053 | 52.5713 |
| 2009 | 6     | 4   | 13   | 51     | 15     | 0.3       | 2.6     | 1.04  | 91.1      | 60.5053 | 52.5713 |
| 2009 | 6     | 4   | 14   | 6      | 15     | 0.3       | 2.6     | 0.99  | 91.5      | 60.5709 | 50.8148 |
| 2009 | 6     | 4   | 14   | 21     | 15     | 0.3       | 2.6     | 1     | 92.2      | 60.5709 | 51.2333 |
| 2009 | 6     | 4   | 14   | 36     | 15     | 0.3       | 2.6     | 0.99  | 91.7      | 60.5709 | 50.5357 |
| 2009 | 6     | 4   | 14   | 51     | 15     | 0.3       | 2.6     | 0.99  | 92.7      | 60.5053 | 50.6204 |
| 2009 | 6     | 4   | 15   | 6      | 15     | 0.3       | 2.6     | 1.05  | 93.9      | 60.6365 | 53.1043 |
| 2009 | 6     | 4   | 15   | 21     | 15     | 0.3       | 2.6     | 1.05  | 91.3      | 60.6365 | 53.1043 |
| 2009 | 6     | 4   | 15   | 36     | 15     | 0.3       | 2.6     | 1.01  | 92.8      | 60.5709 | 51.2333 |
| 2009 | 6     | 4   | 15   | 51     | 15     | 0.3       | 2.6     | 1.01  | 91.7      | 60.6365 | 51.5681 |
| 2009 | 6     | 4   | 16   | 6      | 15     | 0.3       | 2.6     | 1.03  | 92        | 60.6365 | 52.5457 |
| 2009 | 6     | 4   | 16   | 21     | 15     | 0.3       | 2.6     | 1.02  | 92.4      | 60.6365 | 52.1267 |
| 2009 | 6     | 4   | 16   | 36     | 15     | 0.3       | 2.6     | 1.05  | 92.1      | 60.7021 | 53.4414 |
| 2009 | 6     | 4   | 16   | 51     | 15     | 0.3       | 2.6     | 1.01  | 90.7      | 60.6365 | 51.5681 |
| 2009 | 6     | 4   | 17   | 6      | 15     | 0.3       | 2.6     | 1.03  | 93.3      | 60.7021 | 52.4627 |
| 2009 | 6     | 4   | 17   | 21     | 15     | 0.3       | 2.6     | 1.02  | 91.8      | 60.6365 | 51.8474 |
| 2009 | 6     | 4   | 17   | 36     | 15     | 0.3       | 2.6     | 1.02  | 90.7      | 60.6365 | 51.8474 |
| 2009 | 6     | 4   | 17   | 51     | 15     | 0.3       | 2.6     | 1     | 92.1      | 60.6365 | 51.0094 |
| 2009 | 6     | 4   | 18   | 6      | 15     | 0.3       | 2.6     | 1.03  | 92.2      | 60.7021 | 52.4627 |
| 2009 | 6     | 4   | 18   | 21     | 15     | 0.3       | 2.6     | 1     | 91.7      | 60.7021 | 51.2045 |
| 2009 | 6     | 4   | 18   | 36     | 15     | 0.3       | 2.6     | 1     | 91.7      | 60.7021 | 51.3443 |
| 2009 | 6     | 4   | 18   | 51     | 15     | 0.3       | 2.6     | 1.04  | 91.6      | 60.7677 | 52.7993 |
| 2009 | 6     | 4   | 19   | 6      | 15     | 0.3       | 2.6     | 1.04  | 92.7      | 60.7677 | 52.7993 |
| 2009 | 6     | 4   | 19   | 21     | 15     | 0.3       | 2.6     | 1.05  | 90.7      | 60.7677 | 53.2192 |
| 2009 | 6     | 4   | 19   | 36     | 15     | 0.3       | 2.6     | 1.02  | 91.8      | 60.7677 | 52.0995 |
| 2009 | 6     | 4   | 19   | 51     | 15     | 0.3       | 2.6     | 1.03  | 91.5      | 60.7677 | 52.3795 |
| 2009 | 6     | 4   | 20   | 6      | 15     | 0.3       | 2.6     | 1.04  | 90.4      | 60.7677 | 53.0793 |
| 2009 | 6     | 4   | 20   | 21     | 15     | 0.3       | 2.6     | 1.03  | 93.3      | 60.7677 | 52.5194 |
| 2009 | 6     | 4   | 20   | 36     | 15     | 0.3       | 2.6     | 1.06  | 91.2      | 60.8333 | 53.697  |
| 2009 | 6     | 4   | 20   | 51     | 15     | 0.3       | 2.6     | 1.02  | 91.5      | 60.8333 | 52.2959 |
| 2009 | 6     | 4   | 21   | 6      | 15     | 0.3       | 2.6     | 1.03  | 92.2      | 60.899  | 52.6328 |
| 2009 | 6     | 4   | 21   | 21     | 15     | 0.3       | 2.6     | 1.03  | 92.2      | 60.8333 | 52.5761 |
| 2009 | 6     | 4   | 21   | 36     | 15     | 0.3       | 2.6     | 1.05  | 91.8      | 60.8333 | 53.4168 |
| 2009 | 6     | 4   | 21   | 51     | 15     | 0.3       | 2.6     | 1.04  | 92.3      | 60.899  | 53.1939 |
| 2009 | 6     | 4   | 22   | 6      | 15     | 0.3       | 2.6     | 1.05  | 92.5      | 60.899  | 53.6147 |
| 2009 | 6     | 4   | 22   | 21     | 15     | 0.3       | 2.6     | 1.04  | 92.4      | 60.9646 | 52.9704 |
| 2009 | 6     | 4   | 22   | 36     | 15     | 0.3       | 2.6     | 1.02  | 90.7      | 60.899  | 52.0718 |
| 2009 | 6     | 4   | 22   | 51     | 15     | 0.3       | 2.6     | 1.01  | 92.2      | 60.9646 | 51.9875 |
| 2009 | 6     | 4   | 23   | 6      | 15     | 0.3       | 2.6     | 1.01  | 92.2      | 60.9646 | 51.9875 |
| 2009 | 6     | 4   | 23   | 21     | 15     | 0.3       | 2.6     | 1.03  | 92.2      | 60.9646 | 52.5491 |
| 2009 | 6     | 4   | 23   | 36     | 15     | 0.3       | 2.6     | 1     | 92.3      | 60.9646 | 51.2854 |
| 2009 | 6     | 4   | 23   | 51     | 15     | 0.3       | 2.6     | 1.07  | 93        | 60.9646 | 54.3745 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 5   | 0    | 6      | 15     | 0.3       | 2.6     | 1.02  | 93.5      | 60.9646 | 52.2683 |
| 2009 | 6     | 5   | 0    | 21     | 15     | 0.3       | 2.6     | 1     | 92.3      | 60.9646 | 51.4259 |
| 2009 | 6     | 5   | 0    | 36     | 15     | 0.3       | 2.6     | 1     | 90.2      | 61.0302 | 51.6218 |
| 2009 | 6     | 5   | 0    | 51     | 15     | 0.3       | 2.6     | 1.02  | 91.5      | 61.0302 | 52.3246 |
| 2009 | 6     | 5   | 1    | 6      | 15     | 0.3       | 2.6     | 1     | 91.9      | 61.0958 | 51.5366 |
| 2009 | 6     | 5   | 1    | 21     | 15     | 0.3       | 2.6     | 1     | 90.6      | 61.0958 | 51.6773 |
| 2009 | 6     | 5   | 1    | 36     | 15     | 0.3       | 2.6     | 1.05  | 93.2      | 61.0958 | 53.788  |
| 2009 | 6     | 5   | 1    | 51     | 15     | 0.3       | 2.6     | 1.02  | 91.7      | 61.0958 | 52.3808 |
| 2009 | 6     | 5   | 2    | 6      | 15     | 0.3       | 2.6     | 1.01  | 91.5      | 61.1614 | 52.1554 |
| 2009 | 6     | 5   | 2    | 21     | 15     | 0.3       | 2.6     | 1.07  | 91.8      | 61.1614 | 54.5501 |
| 2009 | 6     | 5   | 2    | 36     | 15     | 0.3       | 2.6     | 1.02  | 91.3      | 61.1614 | 52.4371 |
| 2009 | 6     | 5   | 2    | 51     | 15     | 0.3       | 2.6     | 1.01  | 92.4      | 61.227  | 52.2113 |
| 2009 | 6     | 5   | 3    | 6      | 15     | 0.3       | 2.6     | 1.02  | 91.5      | 61.2927 | 52.6908 |
| 2009 | 6     | 5   | 3    | 21     | 15     | 0.3       | 2.6     | 0.99  | 90.8      | 61.2927 | 51.1379 |
| 2009 | 6     | 5   | 3    | 36     | 15     | 0.3       | 3       | 1     | 90.6      | 61.3583 | 51.6166 |
| 2009 | 6     | 5   | 3    | 51     | 15     | 0.3       | 2.6     | 1.05  | 92.1      | 61.2927 | 53.9613 |
| 2009 | 6     | 5   | 4    | 6      | 15     | 0.3       | 3       | 1     | 90.9      | 61.4239 | 51.6718 |
| 2009 | 6     | 5   | 4    | 21     | 15     | 0.3       | 3       | 1.02  | 90.6      | 61.4239 | 52.5207 |
| 2009 | 6     | 5   | 4    | 36     | 15     | 0.3       | 3       | 1.01  | 90.7      | 61.4239 | 52.0962 |
| 2009 | 6     | 5   | 4    | 51     | 15     | 0.3       | 3       | 1.01  | 91.7      | 61.4239 | 52.2377 |
| 2009 | 6     | 5   | 5    | 6      | 15     | 0.3       | 3       | 0.99  | 91.7      | 61.4895 | 51.4438 |
| 2009 | 6     | 5   | 5    | 21     | 15     | 0.3       | 3       | 1.02  | 91.1      | 61.4895 | 52.5768 |
| 2009 | 6     | 5   | 5    | 36     | 15     | 0.3       | 3       | 1.01  | 91.1      | 61.4895 | 52.1519 |
| 2009 | 6     | 5   | 5    | 51     | 15     | 0.3       | 3       | 1.02  | 92.8      | 61.4895 | 52.7184 |
| 2009 | 6     | 5   | 6    | 6      | 15     | 0.3       | 3       | 1.05  | 92.5      | 61.5551 | 54.1923 |
| 2009 | 6     | 5   | 6    | 21     | 15     | 0.3       | 3       | 1.02  | 91.8      | 61.6207 | 52.9728 |
| 2009 | 6     | 5   | 6    | 36     | 15     | 0.3       | 3       | 1.06  | 93.7      | 61.6207 | 54.534  |
| 2009 | 6     | 5   | 6    | 51     | 15     | 0.3       | 3       | 1.03  | 92.7      | 61.6864 | 53.4554 |
| 2009 | 6     | 5   | 7    | 6      | 15     | 0.3       | 3       | 1.03  | 93.1      | 61.6864 | 53.4554 |
| 2009 | 6     | 5   | 7    | 21     | 15     | 0.3       | 3       | 1.03  | 92.7      | 61.752  | 53.5123 |
| 2009 | 6     | 5   | 7    | 36     | 15     | 0.3       | 3       | 1.06  | 93        | 61.6864 | 54.592  |
| 2009 | 6     | 5   | 7    | 51     | 15     | 0.3       | 3       | 1.08  | 93.7      | 61.752  | 55.5034 |
| 2009 | 6     | 5   | 8    | 6      | 15     | 0.3       | 3       | 1.04  | 91.4      | 61.8832 | 54.0536 |
| 2009 | 6     | 5   | 8    | 21     | 15     | 0.3       | 3       | 1.07  | 92.5      | 61.8176 | 55.1353 |
| 2009 | 6     | 5   | 8    | 36     | 15     | 0.3       | 3       | 1.05  | 93        | 61.8832 | 54.3387 |
| 2009 | 6     | 5   | 8    | 51     | 15     | 0.3       | 3       | 1.05  | 93.2      | 61.9488 | 54.3963 |
| 2009 | 6     | 5   | 9    | 6      | 15     | 0.3       | 3       | 1.01  | 91.9      | 61.9488 | 52.5415 |
| 2009 | 6     | 5   | 9    | 21     | 15     | 0.3       | 3       | 0.98  | 91.1      | 62.0144 | 51.5973 |
| 2009 | 6     | 5   | 9    | 36     | 15     | 0.3       | 3       | 1.01  | 91.5      | 62.0801 | 52.7957 |
| 2009 | 6     | 5   | 9    | 51     | 15     | 0.3       | 3       | 1.01  | 93        | 62.0801 | 52.7957 |
| 2009 | 6     | 5   | 10   | 6      | 15     | 0.3       | 3       | 1.01  | 91.7      | 62.1457 | 52.9947 |
| 2009 | 6     | 5   | 10   | 21     | 15     | 0.3       | 3       | 0.99  | 91.1      | 62.1457 | 51.9928 |
| 2009 | 6     | 5   | 10   | 36     | 15     | 0.3       | 3       | 1     | 90.4      | 62.1457 | 52.4222 |
| 2009 | 6     | 5   | 10   | 51     | 15     | 0.3       | 3       | 1.06  | 92.3      | 62.2113 | 55.0566 |
| 2009 | 6     | 5   | 11   | 6      | 15     | 0.3       | 3       | 0.97  | 91.5      | 62.2113 | 51.3313 |
| 2009 | 6     | 5   | 11   | 21     | 15     | 0.3       | 3       | 1.04  | 92        | 62.2113 | 54.1969 |
| 2009 | 6     | 5   | 11   | 36     | 15     | 0.3       | 3       | 1.02  | 92.2      | 62.2769 | 53.3935 |
| 2009 | 6     | 5   | 11   | 51     | 15     | 0.3       | 3       | 1.03  | 91.3      | 62.2769 | 53.6803 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 5   | 12   | 6      | 15     | 0.3       | 3       | 1.01  | 90.6      | 62.3425 | 53.1625 |
| 2009 | 6     | 5   | 12   | 21     | 15     | 0.3       | 3       | 1.02  | 90.6      | 62.3425 | 53.5933 |
| 2009 | 6     | 5   | 12   | 36     | 15     | 0.3       | 3       | 1.01  | 91.1      | 62.3425 | 53.1625 |
| 2009 | 6     | 5   | 12   | 51     | 15     | 0.3       | 3       | 1.07  | 92.3      | 62.3425 | 55.6035 |
| 2009 | 6     | 5   | 13   | 6      | 15     | 0.3       | 3       | 1.09  | 91.6      | 62.3425 | 56.3214 |
| 2009 | 6     | 5   | 13   | 21     | 15     | 0.3       | 3       | 1.04  | 91.3      | 62.4081 | 54.3684 |
| 2009 | 6     | 5   | 13   | 36     | 15     | 0.3       | 3       | 1.1   | 91.5      | 62.4081 | 56.8119 |
| 2009 | 6     | 5   | 13   | 51     | 15     | 0.3       | 3       | 1.08  | 91.6      | 62.4081 | 55.9495 |
| 2009 | 6     | 5   | 14   | 6      | 15     | 0.3       | 3       | 1.08  | 91        | 62.4738 | 56.1522 |
| 2009 | 6     | 5   | 14   | 21     | 15     | 0.3       | 3       | 1.06  | 92.3      | 62.5394 | 55.491  |
| 2009 | 6     | 5   | 14   | 36     | 15     | 0.3       | 3       | 1.07  | 91.4      | 62.5394 | 55.635  |
| 2009 | 6     | 5   | 14   | 51     | 15     | 0.3       | 3       | 1.05  | 91.8      | 62.605  | 55.1166 |
| 2009 | 6     | 5   | 15   | 6      | 15     | 0.3       | 3       | 1.06  | 90.4      | 62.605  | 55.5492 |
| 2009 | 6     | 5   | 15   | 21     | 15     | 0.3       | 3       | 1.02  | 91.3      | 62.605  | 53.6747 |
| 2009 | 6     | 5   | 15   | 36     | 15     | 0.3       | 3       | 1     | 90.9      | 62.605  | 52.8096 |
| 2009 | 6     | 5   | 15   | 51     | 15     | 0.3       | 3       | 1.01  | 92.1      | 62.6706 | 53.1536 |
| 2009 | 6     | 5   | 16   | 6      | 15     | 0.3       | 3       | 1.03  | 91.5      | 62.6706 | 54.3084 |
| 2009 | 6     | 5   | 16   | 21     | 15     | 0.3       | 3       | 1.05  | 92        | 62.6706 | 55.0301 |
| 2009 | 6     | 5   | 16   | 36     | 15     | 0.3       | 3       | 1.06  | 90.9      | 62.6706 | 55.6074 |
| 2009 | 6     | 5   | 16   | 51     | 15     | 0.3       | 3       | 1.04  | 90.7      | 62.7362 | 54.5097 |
| 2009 | 6     | 5   | 17   | 6      | 15     | 0.3       | 3       | 1.08  | 91.4      | 62.7362 | 56.2436 |
| 2009 | 6     | 5   | 17   | 21     | 15     | 0.3       | 3       | 1.05  | 91.6      | 62.8018 | 55.0007 |
| 2009 | 6     | 5   | 17   | 36     | 15     | 0.3       | 3       | 1.02  | 89.6      | 62.8018 | 53.6989 |
| 2009 | 6     | 5   | 17   | 51     | 15     | 0.3       | 3       | 1.05  | 90.4      | 62.8675 | 55.3477 |
| 2009 | 6     | 5   | 18   | 6      | 15     | 0.3       | 3       | 1.04  | 90.7      | 62.8675 | 54.9133 |
| 2009 | 6     | 5   | 18   | 21     | 15     | 0.3       | 3       | 1.05  | 90.2      | 62.9331 | 55.1156 |
| 2009 | 6     | 5   | 18   | 36     | 15     | 0.3       | 3       | 1.04  | 90        | 62.9987 | 55.028  |
| 2009 | 6     | 5   | 18   | 51     | 15     | 0.3       | 3       | 1.06  | 91.1      | 63.1299 | 55.7242 |
| 2009 | 6     | 5   | 19   | 6      | 15     | 0.3       | 3       | 1.05  | 92.3      | 63.1955 | 55.6365 |
| 2009 | 6     | 5   | 19   | 21     | 15     | 0.3       | 3       | 1.04  | 90.7      | 63.2612 | 55.1115 |
| 2009 | 6     | 5   | 19   | 36     | 15     | 0.3       | 3       | 1.07  | 90.5      | 63.2612 | 56.2771 |
| 2009 | 6     | 5   | 19   | 51     | 15     | 0.3       | 3       | 1.05  | 89.8      | 63.2612 | 55.5486 |
| 2009 | 6     | 5   | 20   | 6      | 15     | 0.3       | 3       | 1.09  | 92.2      | 63.2612 | 57.1513 |
| 2009 | 6     | 5   | 20   | 21     | 15     | 0.3       | 3       | 1.06  | 90.9      | 63.3268 | 55.8979 |
| 2009 | 6     | 5   | 20   | 36     | 15     | 0.3       | 3       | 1.13  | 93.2      | 63.3268 | 58.9608 |
| 2009 | 6     | 5   | 20   | 51     | 15     | 0.3       | 3       | 1.11  | 93.1      | 63.3924 | 58.1459 |
| 2009 | 6     | 5   | 21   | 6      | 15     | 0.3       | 3       | 1.12  | 93.5      | 63.3268 | 58.6691 |
| 2009 | 6     | 5   | 21   | 21     | 15     | 0.3       | 3       | 1.08  | 91        | 63.3924 | 57.1239 |
| 2009 | 6     | 5   | 21   | 36     | 15     | 0.3       | 3       | 1.06  | 90.7      | 63.3924 | 55.9558 |
| 2009 | 6     | 5   | 21   | 51     | 15     | 0.3       | 3       | 1.09  | 91.9      | 63.458  | 57.3292 |
| 2009 | 6     | 5   | 22   | 6      | 15     | 0.3       | 3       | 1.08  | 91.2      | 63.458  | 57.183  |
| 2009 | 6     | 5   | 22   | 21     | 15     | 0.3       | 3       | 1.06  | 90.9      | 63.5236 | 56.0717 |
| 2009 | 6     | 5   | 22   | 36     | 15     | 0.3       | 3       | 1.05  | 90.9      | 63.5236 | 55.7791 |
| 2009 | 6     | 5   | 22   | 51     | 15     | 0.3       | 3       | 1.05  | 91.3      | 63.5892 | 55.8367 |
| 2009 | 6     | 5   | 23   | 6      | 15     | 0.3       | 3       | 1.03  | 91.3      | 63.7205 | 55.0714 |
| 2009 | 6     | 5   | 23   | 21     | 15     | 0.3       | 3       | 1.02  | 90        | 63.8517 | 54.8907 |
| 2009 | 6     | 5   | 23   | 36     | 15     | 0.3       | 3       | 1.04  | 92.2      | 63.8517 | 55.626  |
| 2009 | 6     | 5   | 23   | 51     | 15     | 0.3       | 3       | 1.07  | 89.8      | 63.9173 | 57.0081 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 6   | 0    | 6      | 15     | 0.3       | 3       | 1.09  | 90.7      | 63.9173 | 57.7441 |
| 2009 | 6     | 6   | 0    | 21     | 15     | 0.3       | 3       | 1.06  | 91.1      | 63.9829 | 56.6245 |
| 2009 | 6     | 6   | 0    | 36     | 15     | 0.3       | 3       | 1.07  | 92.6      | 63.9829 | 56.9192 |
| 2009 | 6     | 6   | 0    | 51     | 15     | 0.3       | 3       | 1.06  | 91.6      | 63.9829 | 56.4771 |
| 2009 | 6     | 6   | 1    | 6      | 15     | 0.3       | 3       | 1.06  | 92.3      | 63.9829 | 56.4771 |
| 2009 | 6     | 6   | 1    | 21     | 15     | 0.3       | 3       | 1.07  | 90.9      | 63.9829 | 56.9192 |
| 2009 | 6     | 6   | 1    | 36     | 15     | 0.3       | 3       | 1.04  | 90.5      | 63.9829 | 55.7403 |
| 2009 | 6     | 6   | 1    | 51     | 15     | 0.3       | 3       | 1.06  | 90        | 64.0486 | 56.6826 |
| 2009 | 6     | 6   | 2    | 6      | 15     | 0.3       | 3       | 1.05  | 89.8      | 64.0486 | 56.0925 |
| 2009 | 6     | 6   | 2    | 21     | 15     | 0.3       | 3       | 1.06  | 91.1      | 64.1142 | 56.8883 |
| 2009 | 6     | 6   | 2    | 36     | 15     | 0.3       | 3       | 1.02  | 90.2      | 64.1142 | 55.1163 |
| 2009 | 6     | 6   | 2    | 51     | 15     | 0.3       | 3       | 1.06  | 92.5      | 64.1798 | 56.6509 |
| 2009 | 6     | 6   | 3    | 6      | 15     | 0.3       | 3       | 1.07  | 90.5      | 64.2454 | 57.4486 |
| 2009 | 6     | 6   | 3    | 21     | 15     | 0.3       | 3       | 1.04  | 91.1      | 64.3766 | 56.0833 |
| 2009 | 6     | 6   | 3    | 36     | 15     | 0.3       | 3       | 1.07  | 91.6      | 64.4423 | 57.3278 |
| 2009 | 6     | 6   | 3    | 51     | 15     | 0.3       | 3       | 1.05  | 93        | 64.5079 | 56.7919 |
| 2009 | 6     | 6   | 4    | 6      | 15     | 0.3       | 3       | 1.03  | 90        | 64.5079 | 55.9005 |
| 2009 | 6     | 6   | 4    | 21     | 15     | 0.3       | 3       | 1.08  | 91.4      | 64.5735 | 58.1882 |
| 2009 | 6     | 6   | 4    | 36     | 15     | 0.3       | 3       | 1.05  | 92.3      | 64.5735 | 56.8497 |
| 2009 | 6     | 6   | 4    | 51     | 15     | 0.3       | 3       | 1.07  | 91.2      | 64.6391 | 57.6518 |
| 2009 | 6     | 6   | 5    | 6      | 15     | 0.3       | 3       | 1.06  | 92        | 64.6391 | 57.2052 |
| 2009 | 6     | 6   | 5    | 21     | 15     | 0.3       | 3       | 1.05  | 92        | 64.6391 | 56.6097 |
| 2009 | 6     | 6   | 5    | 36     | 15     | 0.3       | 3       | 1.06  | 92.1      | 64.6391 | 57.2052 |
| 2009 | 6     | 6   | 5    | 51     | 15     | 0.3       | 3       | 1.1   | 91.4      | 64.7047 | 58.9025 |
| 2009 | 6     | 6   | 6    | 6      | 15     | 0.3       | 3       | 1.08  | 91.7      | 64.7047 | 58.1574 |
| 2009 | 6     | 6   | 6    | 21     | 15     | 0.3       | 3       | 1.06  | 91.1      | 64.7047 | 57.2633 |
| 2009 | 6     | 6   | 6    | 36     | 15     | 0.3       | 3       | 1.07  | 90.7      | 64.7703 | 57.7689 |
| 2009 | 6     | 6   | 6    | 51     | 15     | 0.3       | 3       | 1.05  | 91.6      | 64.7703 | 56.8738 |
| 2009 | 6     | 6   | 7    | 6      | 15     | 0.3       | 3       | 1.07  | 90.7      | 64.836  | 57.6781 |
| 2009 | 6     | 6   | 7    | 21     | 15     | 0.3       | 3       | 1.06  | 91.8      | 64.836  | 57.5287 |
| 2009 | 6     | 6   | 7    | 36     | 15     | 0.3       | 3       | 1.06  | 90.5      | 64.9016 | 57.4375 |
| 2009 | 6     | 6   | 7    | 51     | 15     | 0.3       | 3       | 1.07  | 90.9      | 65.0328 | 58.003  |
| 2009 | 6     | 6   | 8    | 6      | 15     | 0.3       | 3       | 1.06  | 91.1      | 65.0984 | 57.6117 |
| 2009 | 6     | 6   | 8    | 21     | 15     | 0.3       | 3       | 1.08  | 91.4      | 65.164  | 58.7203 |
| 2009 | 6     | 6   | 8    | 36     | 15     | 0.3       | 3       | 1.07  | 91.2      | 65.164  | 58.2701 |
| 2009 | 6     | 6   | 8    | 51     | 15     | 0.3       | 3       | 1.07  | 91.4      | 65.2297 | 58.1785 |
| 2009 | 6     | 6   | 9    | 6      | 15     | 0.3       | 3       | 1.04  | 90.2      | 65.2297 | 56.8264 |
| 2009 | 6     | 6   | 9    | 21     | 15     | 0.3       | 3       | 1.07  | 90        | 65.2953 | 58.3874 |
| 2009 | 6     | 6   | 9    | 36     | 15     | 0.3       | 3       | 1.08  | 91.2      | 65.2953 | 58.6882 |
| 2009 | 6     | 6   | 9    | 51     | 15     | 0.3       | 3       | 1.07  | 90.9      | 65.3609 | 58.4461 |
| 2009 | 6     | 6   | 10   | 6      | 15     | 0.3       | 3       | 1.06  | 92.5      | 65.3609 | 57.6934 |
| 2009 | 6     | 6   | 10   | 21     | 15     | 0.3       | 3       | 1.09  | 92.8      | 65.4265 | 59.4089 |
| 2009 | 6     | 6   | 10   | 36     | 15     | 0.3       | 3       | 1.09  | 90.3      | 65.4265 | 59.1075 |
| 2009 | 6     | 6   | 10   | 51     | 15     | 0.3       | 3       | 1.12  | 91.3      | 65.4265 | 60.6144 |
| 2009 | 6     | 6   | 11   | 6      | 15     | 0.3       | 3       | 1.14  | 93.6      | 65.4265 | 61.3678 |
| 2009 | 6     | 6   | 11   | 21     | 15     | 0.3       | 3       | 1.09  | 92.8      | 65.4921 | 59.4685 |
| 2009 | 6     | 6   | 11   | 36     | 15     | 0.3       | 3       | 1.13  | 91.5      | 65.4921 | 61.2785 |
| 2009 | 6     | 6   | 11   | 51     | 15     | 0.3       | 3       | 1.12  | 92.2      | 65.5577 | 60.585  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 6   | 12   | 6      | 15     | 0.3       | 3       | 1.14  | 93.5      | 65.6234 | 61.7036 |
| 2009 | 6     | 6   | 12   | 21     | 15     | 0.3       | 3       | 1.14  | 93.9      | 65.6234 | 61.8548 |
| 2009 | 6     | 6   | 12   | 36     | 15     | 0.3       | 3       | 1.1   | 90.9      | 65.6234 | 60.0411 |
| 2009 | 6     | 6   | 12   | 51     | 15     | 0.3       | 3       | 1.1   | 91.4      | 65.689  | 60.1011 |
| 2009 | 6     | 6   | 13   | 6      | 15     | 0.3       | 3       | 1.12  | 91.8      | 65.7546 | 61.0698 |
| 2009 | 6     | 6   | 13   | 21     | 15     | 0.3       | 3       | 1.17  | 93.4      | 65.7546 | 63.0386 |
| 2009 | 6     | 6   | 13   | 36     | 15     | 0.3       | 3       | 1.11  | 91.5      | 65.7546 | 60.3126 |
| 2009 | 6     | 6   | 13   | 51     | 15     | 0.3       | 3       | 1.11  | 91.5      | 65.8202 | 60.676  |
| 2009 | 6     | 6   | 14   | 6      | 15     | 0.3       | 3       | 1.15  | 92.9      | 65.8858 | 62.5574 |
| 2009 | 6     | 6   | 14   | 21     | 15     | 0.3       | 3       | 1.15  | 91.5      | 65.8858 | 62.5574 |
| 2009 | 6     | 6   | 14   | 36     | 15     | 0.3       | 3       | 1.11  | 90.5      | 65.8858 | 60.5847 |
| 2009 | 6     | 6   | 14   | 51     | 15     | 0.3       | 3       | 1.1   | 91        | 65.8858 | 60.2812 |
| 2009 | 6     | 6   | 15   | 6      | 15     | 0.3       | 3       | 1.1   | 91.9      | 65.8858 | 59.9777 |
| 2009 | 6     | 6   | 15   | 21     | 15     | 0.3       | 3       | 1.11  | 92        | 65.9514 | 60.4931 |
| 2009 | 6     | 6   | 15   | 36     | 15     | 0.3       | 3       | 1.1   | 90.9      | 65.9514 | 60.1894 |
| 2009 | 6     | 6   | 15   | 51     | 15     | 0.3       | 3       | 1.12  | 91.3      | 65.9514 | 61.1007 |
| 2009 | 6     | 6   | 16   | 6      | 15     | 0.3       | 3       | 1.12  | 92.2      | 66.0171 | 61.0095 |
| 2009 | 6     | 6   | 16   | 21     | 15     | 0.3       | 3       | 1.16  | 91.3      | 66.0171 | 63.1381 |
| 2009 | 6     | 6   | 16   | 36     | 15     | 0.3       | 3       | 1.06  | 90.7      | 66.0171 | 58.4247 |
| 2009 | 6     | 6   | 16   | 51     | 15     | 0.3       | 3       | 1.08  | 90        | 66.0827 | 59.5481 |
| 2009 | 6     | 6   | 17   | 6      | 15     | 0.3       | 3       | 1.13  | 91        | 66.0827 | 61.5267 |
| 2009 | 6     | 6   | 17   | 21     | 15     | 0.3       | 3       | 1.13  | 91.3      | 66.1483 | 61.8925 |
| 2009 | 6     | 6   | 17   | 36     | 15     | 0.3       | 3       | 1.13  | 92.2      | 66.1483 | 61.5878 |
| 2009 | 6     | 6   | 17   | 51     | 15     | 0.3       | 3       | 1.14  | 91.2      | 66.2139 | 62.2589 |
| 2009 | 6     | 6   | 18   | 6      | 15     | 0.3       | 3       | 1.14  | 90.5      | 66.1483 | 62.0449 |
| 2009 | 6     | 6   | 18   | 21     | 15     | 0.3       | 3       | 1.15  | 92.1      | 66.2795 | 62.6259 |
| 2009 | 6     | 6   | 18   | 36     | 15     | 0.3       | 3       | 1.13  | 91.5      | 66.2795 | 62.0153 |
| 2009 | 6     | 6   | 18   | 51     | 15     | 0.3       | 3       | 1.11  | 89.5      | 66.3452 | 61.0071 |
| 2009 | 6     | 6   | 19   | 6      | 15     | 0.3       | 3       | 1.14  | 92        | 66.3452 | 62.3823 |
| 2009 | 6     | 6   | 19   | 21     | 15     | 0.3       | 3       | 1.09  | 89.8      | 66.4108 | 60.3026 |
| 2009 | 6     | 6   | 19   | 36     | 15     | 0.3       | 3       | 1.08  | 90.3      | 66.4108 | 59.6908 |
| 2009 | 6     | 6   | 19   | 51     | 15     | 0.3       | 3       | 1.05  | 90        | 66.4108 | 58.3142 |
| 2009 | 6     | 6   | 20   | 6      | 15     | 0.3       | 3       | 1.1   | 90.5      | 66.4108 | 60.6085 |
| 2009 | 6     | 6   | 20   | 21     | 15     | 0.3       | 3       | 1.08  | 89.5      | 66.4764 | 59.5967 |
| 2009 | 6     | 6   | 20   | 36     | 15     | 0.3       | 3       | 1.11  | 90.7      | 66.4764 | 60.9746 |
| 2009 | 6     | 6   | 20   | 51     | 15     | 0.3       | 3       | 1.07  | 91.1      | 66.4764 | 59.1374 |
| 2009 | 6     | 6   | 21   | 6      | 15     | 0.3       | 3       | 1.12  | 91.2      | 66.4764 | 61.7402 |
| 2009 | 6     | 6   | 21   | 21     | 15     | 0.3       | 3       | 1.1   | 90        | 66.4764 | 60.6684 |
| 2009 | 6     | 6   | 21   | 36     | 15     | 0.3       | 3       | 1.1   | 90.9      | 66.4764 | 60.5153 |
| 2009 | 6     | 6   | 21   | 51     | 15     | 0.3       | 3       | 1.1   | 91.5      | 66.4764 | 60.5153 |
| 2009 | 6     | 6   | 22   | 6      | 15     | 0.3       | 3       | 1.09  | 91        | 66.4764 | 60.3622 |
| 2009 | 6     | 6   | 22   | 21     | 15     | 0.3       | 3       | 1.1   | 90.7      | 66.4764 | 60.6684 |
| 2009 | 6     | 6   | 22   | 36     | 15     | 0.3       | 3       | 1.14  | 91        | 66.542  | 62.4141 |
| 2009 | 6     | 6   | 22   | 51     | 15     | 0.3       | 3       | 1.12  | 89.5      | 66.542  | 61.4946 |
| 2009 | 6     | 6   | 23   | 6      | 15     | 0.3       | 3       | 1.1   | 90.3      | 66.542  | 60.7283 |
| 2009 | 6     | 6   | 23   | 21     | 15     | 0.3       | 3       | 1.08  | 90.2      | 66.542  | 59.6555 |
| 2009 | 6     | 6   | 23   | 36     | 15     | 0.3       | 3       | 1.13  | 92.2      | 66.542  | 62.1076 |
| 2009 | 6     | 6   | 23   | 51     | 15     | 0.3       | 3       | 1.14  | 90        | 66.542  | 62.4141 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 7   | 0    | 6      | 15     | 0.3       | 3       | 1.12  | 90.5      | 66.542  | 61.8011 |
| 2009 | 6     | 7   | 0    | 21     | 15     | 0.3       | 3       | 1.09  | 90        | 66.6076 | 60.328  |
| 2009 | 6     | 7   | 0    | 36     | 15     | 0.3       | 3       | 1.12  | 90.3      | 66.6076 | 61.5552 |
| 2009 | 6     | 7   | 0    | 51     | 15     | 0.3       | 3       | 1.12  | 90.7      | 66.6732 | 61.7694 |
| 2009 | 6     | 7   | 1    | 6      | 15     | 0.3       | 3       | 1.08  | 90.7      | 66.6732 | 59.9267 |
| 2009 | 6     | 7   | 1    | 21     | 15     | 0.3       | 3       | 1.11  | 90        | 66.7388 | 61.3691 |
| 2009 | 6     | 7   | 1    | 36     | 15     | 0.3       | 3       | 1.11  | 90.5      | 66.8045 | 61.2756 |
| 2009 | 6     | 7   | 1    | 51     | 15     | 0.3       | 3       | 1.11  | 90.7      | 66.8701 | 61.4898 |
| 2009 | 6     | 7   | 2    | 6      | 15     | 0.3       | 3       | 1.13  | 91        | 66.8701 | 62.4138 |
| 2009 | 6     | 7   | 2    | 21     | 15     | 0.3       | 3       | 1.11  | 92.2      | 66.9357 | 61.7043 |
| 2009 | 6     | 7   | 2    | 36     | 15     | 0.3       | 3       | 1.1   | 91.4      | 66.9357 | 60.9335 |
| 2009 | 6     | 7   | 2    | 51     | 15     | 0.3       | 3       | 1.09  | 89.5      | 66.9357 | 60.471  |
| 2009 | 6     | 7   | 3    | 6      | 15     | 0.3       | 3       | 1.12  | 90        | 66.9357 | 61.8584 |
| 2009 | 6     | 7   | 3    | 21     | 15     | 0.3       | 3       | 1.09  | 91.9      | 66.9357 | 60.6251 |
| 2009 | 6     | 7   | 3    | 36     | 15     | 0.3       | 3       | 1.09  | 89.5      | 67.0013 | 60.5303 |
| 2009 | 6     | 7   | 3    | 51     | 15     | 0.3       | 3       | 1.11  | 90.7      | 67.0013 | 61.7648 |
| 2009 | 6     | 7   | 4    | 6      | 15     | 0.3       | 3       | 1.09  | 90        | 67.0013 | 60.8389 |
| 2009 | 6     | 7   | 4    | 21     | 15     | 0.3       | 3       | 1.11  | 91.5      | 67.0013 | 61.4561 |
| 2009 | 6     | 7   | 4    | 36     | 15     | 0.3       | 3       | 1.09  | 90.9      | 67.0013 | 60.8389 |
| 2009 | 6     | 7   | 4    | 51     | 15     | 0.3       | 3       | 1.12  | 91.5      | 67.0013 | 62.2277 |
| 2009 | 6     | 7   | 5    | 6      | 15     | 0.3       | 3       | 1.11  | 89.5      | 67.0013 | 61.4561 |
| 2009 | 6     | 7   | 5    | 21     | 15     | 0.3       | 3       | 1.09  | 90.7      | 67.0013 | 60.5303 |
| 2009 | 6     | 7   | 5    | 36     | 15     | 0.3       | 3       | 1.12  | 89.8      | 67.0013 | 61.9191 |
| 2009 | 6     | 7   | 5    | 51     | 15     | 0.3       | 3       | 1.12  | 91        | 67.0013 | 62.2277 |
| 2009 | 6     | 7   | 6    | 6      | 15     | 0.3       | 3       | 1.07  | 90        | 67.0669 | 59.9717 |
| 2009 | 6     | 7   | 6    | 21     | 15     | 0.3       | 3       | 1.08  | 89.8      | 67.0669 | 60.1261 |
| 2009 | 6     | 7   | 6    | 36     | 15     | 0.3       | 3       | 1.1   | 90.3      | 67.0669 | 61.0529 |
| 2009 | 6     | 7   | 6    | 51     | 15     | 0.3       | 3       | 1.15  | 92.5      | 67.0669 | 63.5244 |
| 2009 | 6     | 7   | 7    | 6      | 15     | 0.3       | 3       | 1.14  | 90.8      | 67.0669 | 63.061  |
| 2009 | 6     | 7   | 7    | 21     | 15     | 0.3       | 3       | 1.12  | 91        | 67.0669 | 61.9797 |
| 2009 | 6     | 7   | 7    | 36     | 15     | 0.3       | 3       | 1.15  | 92        | 67.0669 | 63.3699 |
| 2009 | 6     | 7   | 7    | 51     | 15     | 0.3       | 3       | 1.08  | 90.2      | 67.1326 | 60.4942 |
| 2009 | 6     | 7   | 8    | 6      | 15     | 0.3       | 3       | 1.12  | 90.5      | 67.1326 | 62.195  |
| 2009 | 6     | 7   | 8    | 21     | 15     | 0.3       | 3       | 1.11  | 90.3      | 67.1326 | 61.8857 |
| 2009 | 6     | 7   | 8    | 36     | 15     | 0.3       | 3       | 1.09  | 91.9      | 67.1982 | 61.0176 |
| 2009 | 6     | 7   | 8    | 51     | 15     | 0.3       | 3       | 1.15  | 92.6      | 67.1982 | 63.6487 |
| 2009 | 6     | 7   | 9    | 6      | 15     | 0.3       | 3       | 1.11  | 90        | 67.1982 | 61.7915 |
| 2009 | 6     | 7   | 9    | 21     | 15     | 0.3       | 3       | 1.12  | 90        | 67.2638 | 62.3165 |
| 2009 | 6     | 7   | 9    | 36     | 15     | 0.3       | 3       | 1.12  | 90.7      | 67.2638 | 62.4715 |
| 2009 | 6     | 7   | 9    | 51     | 15     | 0.3       | 3       | 1.13  | 90.2      | 67.2638 | 62.6264 |
| 2009 | 6     | 7   | 10   | 6      | 15     | 0.3       | 3       | 1.12  | 91.3      | 67.3294 | 62.5324 |
| 2009 | 6     | 7   | 10   | 21     | 15     | 0.3       | 3       | 1.14  | 90.8      | 67.3294 | 63.1527 |
| 2009 | 6     | 7   | 10   | 36     | 15     | 0.3       | 3       | 1.16  | 91.3      | 67.4606 | 64.208  |
| 2009 | 6     | 7   | 10   | 51     | 15     | 0.3       | 3       | 1.06  | 93.7      | 67.5263 | 59.6048 |
| 2009 | 6     | 7   | 11   | 6      | 15     | 0.3       | 3       | 1.14  | 90.3      | 67.5263 | 63.6484 |
| 2009 | 6     | 7   | 11   | 21     | 15     | 0.3       | 3       | 1.16  | 92.4      | 67.5263 | 64.5815 |
| 2009 | 6     | 7   | 11   | 36     | 15     | 0.3       | 3       | 1.13  | 91.3      | 67.5263 | 63.1818 |
| 2009 | 6     | 7   | 11   | 51     | 15     | 0.3       | 3       | 1.16  | 91.8      | 67.5263 | 64.5815 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 7   | 12   | 6      | 15     | 0.3       | 3       | 1.15  | 90.2      | 67.5263 | 63.8039 |
| 2009 | 6     | 7   | 12   | 21     | 15     | 0.3       | 3       | 1.14  | 90.5      | 67.5263 | 63.3373 |
| 2009 | 6     | 7   | 12   | 36     | 15     | 0.3       | 3       | 1.17  | 92.1      | 67.5263 | 64.737  |
| 2009 | 6     | 7   | 12   | 51     | 15     | 0.3       | 3       | 1.17  | 92.6      | 67.5263 | 65.0481 |
| 2009 | 6     | 7   | 13   | 6      | 15     | 0.3       | 3       | 1.17  | 92.4      | 67.5919 | 65.1113 |
| 2009 | 6     | 7   | 13   | 21     | 15     | 0.3       | 3       | 1.18  | 91.6      | 67.5919 | 65.5783 |
| 2009 | 6     | 7   | 13   | 36     | 15     | 0.3       | 3       | 1.15  | 90        | 67.5263 | 64.2705 |
| 2009 | 6     | 7   | 13   | 51     | 15     | 0.3       | 3       | 1.19  | 90.8      | 67.5919 | 66.0453 |
| 2009 | 6     | 7   | 14   | 6      | 15     | 0.3       | 3       | 1.11  | 91.4      | 67.5919 | 62.1535 |
| 2009 | 6     | 7   | 14   | 21     | 15     | 0.3       | 3       | 1.13  | 91.8      | 67.5919 | 63.2432 |
| 2009 | 6     | 7   | 14   | 36     | 15     | 0.3       | 3       | 1.16  | 91.1      | 67.5919 | 64.7999 |
| 2009 | 6     | 7   | 14   | 51     | 15     | 0.3       | 3       | 1.17  | 92.1      | 67.6575 | 64.8628 |
| 2009 | 6     | 7   | 15   | 6      | 15     | 0.3       | 3       | 1.15  | 91        | 67.6575 | 64.0837 |
| 2009 | 6     | 7   | 15   | 21     | 15     | 0.3       | 3       | 1.17  | 92.3      | 67.6575 | 65.0187 |
| 2009 | 6     | 7   | 15   | 36     | 15     | 0.3       | 3       | 1.22  | 91.4      | 67.5919 | 67.2907 |
| 2009 | 6     | 7   | 15   | 51     | 15     | 0.3       | 3       | 1.2   | 91.7      | 67.6575 | 66.5769 |
| 2009 | 6     | 7   | 16   | 6      | 15     | 0.3       | 3       | 1.19  | 91.1      | 67.5919 | 65.8897 |
| 2009 | 6     | 7   | 16   | 21     | 15     | 0.3       | 3       | 1.17  | 91.3      | 67.6575 | 65.3303 |
| 2009 | 6     | 7   | 16   | 36     | 15     | 0.3       | 3       | 1.15  | 90.7      | 67.6575 | 64.0837 |
| 2009 | 6     | 7   | 16   | 51     | 15     | 0.3       | 3       | 1.17  | 91.9      | 67.6575 | 65.1745 |
| 2009 | 6     | 7   | 17   | 6      | 15     | 0.3       | 3       | 1.17  | 92.4      | 67.6575 | 65.1745 |
| 2009 | 6     | 7   | 17   | 21     | 15     | 0.3       | 3       | 1.17  | 92.2      | 67.6575 | 65.1745 |
| 2009 | 6     | 7   | 17   | 36     | 15     | 0.3       | 3       | 1.18  | 91.8      | 67.6575 | 65.3303 |
| 2009 | 6     | 7   | 17   | 51     | 15     | 0.3       | 3       | 1.16  | 90.2      | 67.5919 | 64.4886 |
| 2009 | 6     | 7   | 18   | 6      | 15     | 0.3       | 3       | 1.13  | 91.3      | 67.5919 | 63.2432 |
| 2009 | 6     | 7   | 18   | 21     | 15     | 0.3       | 3       | 1.12  | 90        | 67.5919 | 62.6205 |
| 2009 | 6     | 7   | 18   | 36     | 15     | 0.3       | 3       | 1.13  | 90.8      | 67.5919 | 63.2432 |
| 2009 | 6     | 7   | 18   | 51     | 15     | 0.3       | 3       | 1.14  | 91.3      | 67.5919 | 63.7102 |
| 2009 | 6     | 7   | 19   | 6      | 15     | 0.3       | 3       | 1.16  | 91.3      | 67.6575 | 64.3954 |
| 2009 | 6     | 7   | 19   | 21     | 15     | 0.3       | 3       | 1.14  | 92.6      | 67.6575 | 63.6162 |
| 2009 | 6     | 7   | 19   | 36     | 15     | 0.3       | 3       | 1.14  | 91        | 67.6575 | 63.7721 |
| 2009 | 6     | 7   | 19   | 51     | 15     | 0.3       | 3       | 1.13  | 91        | 67.6575 | 63.1488 |
| 2009 | 6     | 7   | 20   | 6      | 15     | 0.3       | 3       | 1.14  | 89.5      | 67.7231 | 63.8339 |
| 2009 | 6     | 7   | 20   | 21     | 15     | 0.3       | 3       | 1.13  | 91.7      | 67.7887 | 63.2713 |
| 2009 | 6     | 7   | 20   | 36     | 15     | 0.3       | 3       | 1.11  | 89.5      | 67.7231 | 62.4301 |
| 2009 | 6     | 7   | 20   | 51     | 15     | 0.3       | 3       | 1.15  | 91.6      | 67.8543 | 64.4265 |
| 2009 | 6     | 7   | 21   | 6      | 15     | 0.3       | 3       | 1.11  | 89.7      | 67.92   | 62.6116 |
| 2009 | 6     | 7   | 21   | 21     | 15     | 0.3       | 3       | 1.12  | 90.5      | 67.92   | 63.0809 |
| 2009 | 6     | 7   | 21   | 36     | 15     | 0.3       | 3       | 1.13  | 92.5      | 67.8543 | 63.3325 |
| 2009 | 6     | 7   | 21   | 51     | 15     | 0.3       | 3       | 1.17  | 90.6      | 67.8543 | 65.5204 |
| 2009 | 6     | 7   | 22   | 6      | 15     | 0.3       | 3       | 1.15  | 92.1      | 67.92   | 64.3323 |
| 2009 | 6     | 7   | 22   | 21     | 15     | 0.3       | 3       | 1.15  | 89.8      | 67.92   | 64.3323 |
| 2009 | 6     | 7   | 22   | 36     | 15     | 0.3       | 3       | 1.16  | 91.5      | 67.9856 | 64.7076 |
| 2009 | 6     | 7   | 22   | 51     | 15     | 0.3       | 3       | 1.12  | 90.2      | 67.92   | 62.9244 |
| 2009 | 6     | 7   | 23   | 6      | 15     | 0.3       | 3       | 1.14  | 90.7      | 67.9856 | 64.0813 |
| 2009 | 6     | 7   | 23   | 21     | 15     | 0.3       | 3       | 1.12  | 91.5      | 67.9856 | 62.9852 |
| 2009 | 6     | 7   | 23   | 36     | 15     | 0.3       | 3       | 1.13  | 90.7      | 67.9856 | 63.6116 |
| 2009 | 6     | 7   | 23   | 51     | 15     | 0.3       | 3       | 1.13  | 90.2      | 67.9856 | 63.6116 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 8   | 0    | 6      | 15     | 0.3       | 3       | 1.14  | 90.5      | 67.9856 | 63.7681 |
| 2009 | 6     | 8   | 0    | 21     | 15     | 0.3       | 3       | 1.15  | 90.5      | 67.9856 | 64.2379 |
| 2009 | 6     | 8   | 0    | 36     | 15     | 0.3       | 3       | 1.15  | 91        | 67.9856 | 64.2379 |
| 2009 | 6     | 8   | 0    | 51     | 15     | 0.3       | 3       | 1.12  | 92.4      | 67.9856 | 62.9852 |
| 2009 | 6     | 8   | 1    | 6      | 15     | 0.3       | 3       | 1.11  | 90.5      | 67.9856 | 62.6721 |
| 2009 | 6     | 8   | 1    | 21     | 15     | 0.3       | 3       | 1.11  | 90.3      | 67.9856 | 62.6721 |
| 2009 | 6     | 8   | 1    | 36     | 15     | 0.3       | 3       | 1.14  | 90.7      | 67.9856 | 63.7681 |
| 2009 | 6     | 8   | 1    | 51     | 15     | 0.3       | 3       | 1.12  | 90        | 67.9856 | 63.1418 |
| 2009 | 6     | 8   | 2    | 6      | 15     | 0.3       | 3       | 1.15  | 90.7      | 67.9856 | 64.3945 |
| 2009 | 6     | 8   | 2    | 21     | 15     | 0.3       | 3       | 1.12  | 90        | 67.9856 | 62.9852 |
| 2009 | 6     | 8   | 2    | 36     | 15     | 0.3       | 3       | 1.1   | 90.7      | 67.9856 | 62.2023 |
| 2009 | 6     | 8   | 2    | 51     | 15     | 0.3       | 3       | 1.12  | 89.8      | 67.9856 | 62.9852 |
| 2009 | 6     | 8   | 3    | 6      | 15     | 0.3       | 3       | 1.12  | 89.8      | 68.0512 | 63.046  |
| 2009 | 6     | 8   | 3    | 21     | 15     | 0.3       | 3       | 1.15  | 91.1      | 68.0512 | 64.4566 |
| 2009 | 6     | 8   | 3    | 36     | 15     | 0.3       | 3       | 1.15  | 92        | 68.0512 | 64.2999 |
| 2009 | 6     | 8   | 3    | 51     | 15     | 0.3       | 3       | 1.16  | 90.6      | 68.0512 | 64.9268 |
| 2009 | 6     | 8   | 4    | 6      | 15     | 0.3       | 3       | 1.13  | 90.7      | 68.0512 | 63.3595 |
| 2009 | 6     | 8   | 4    | 21     | 15     | 0.3       | 3.3     | 1.17  | 92.2      | 68.0512 | 65.5537 |
| 2009 | 6     | 8   | 4    | 36     | 15     | 0.3       | 3.3     | 1.14  | 91.3      | 68.0512 | 63.8297 |
| 2009 | 6     | 8   | 4    | 51     | 15     | 0.3       | 3.3     | 1.16  | 91.9      | 68.0512 | 65.0836 |
| 2009 | 6     | 8   | 5    | 6      | 15     | 0.3       | 3.3     | 1.15  | 90.7      | 68.0512 | 64.2999 |
| 2009 | 6     | 8   | 5    | 21     | 15     | 0.3       | 3.3     | 1.14  | 91.3      | 68.0512 | 64.1432 |
| 2009 | 6     | 8   | 5    | 36     | 15     | 0.3       | 3.3     | 1.12  | 91.2      | 68.0512 | 63.046  |
| 2009 | 6     | 8   | 5    | 51     | 15     | 0.3       | 3.3     | 1.17  | 90        | 68.0512 | 65.5537 |
| 2009 | 6     | 8   | 6    | 6      | 15     | 0.3       | 3.3     | 1.12  | 91.2      | 68.0512 | 63.046  |
| 2009 | 6     | 8   | 6    | 21     | 15     | 0.3       | 3.3     | 1.14  | 91.3      | 68.0512 | 64.1432 |
| 2009 | 6     | 8   | 6    | 36     | 15     | 0.3       | 3.3     | 1.17  | 90.3      | 68.0512 | 65.5537 |
| 2009 | 6     | 8   | 6    | 51     | 15     | 0.3       | 3.3     | 1.14  | 91.3      | 68.1168 | 64.205  |
| 2009 | 6     | 8   | 7    | 6      | 15     | 0.3       | 3.3     | 1.18  | 91.4      | 68.1168 | 66.0876 |
| 2009 | 6     | 8   | 7    | 21     | 15     | 0.3       | 3.3     | 1.14  | 90        | 68.1168 | 64.0481 |
| 2009 | 6     | 8   | 7    | 36     | 15     | 0.3       | 3.3     | 1.15  | 92        | 68.1168 | 64.6757 |
| 2009 | 6     | 8   | 7    | 51     | 15     | 0.3       | 3.3     | 1.14  | 91        | 68.1168 | 64.0481 |
| 2009 | 6     | 8   | 8    | 6      | 15     | 0.3       | 3.3     | 1.17  | 91        | 68.1824 | 65.8372 |
| 2009 | 6     | 8   | 8    | 21     | 15     | 0.3       | 3.3     | 1.14  | 90        | 68.1824 | 64.2668 |
| 2009 | 6     | 8   | 8    | 36     | 15     | 0.3       | 3.3     | 1.16  | 90        | 68.1824 | 65.052  |
| 2009 | 6     | 8   | 8    | 51     | 15     | 0.3       | 3.3     | 1.13  | 89.7      | 68.1824 | 63.7957 |
| 2009 | 6     | 8   | 9    | 6      | 15     | 0.3       | 3.3     | 1.13  | 91.3      | 68.1824 | 63.6387 |
| 2009 | 6     | 8   | 9    | 21     | 15     | 0.3       | 3.3     | 1.17  | 91        | 68.1824 | 65.6802 |
| 2009 | 6     | 8   | 9    | 36     | 15     | 0.3       | 3       | 1.17  | 91.3      | 68.1824 | 65.5231 |
| 2009 | 6     | 8   | 9    | 51     | 15     | 0.3       | 3       | 1.12  | 90.8      | 68.1824 | 63.0106 |
| 2009 | 6     | 8   | 10   | 6      | 15     | 0.3       | 3       | 1.19  | 91.3      | 68.1168 | 66.7151 |
| 2009 | 6     | 8   | 10   | 21     | 15     | 0.3       | 3       | 1.17  | 91.3      | 68.1168 | 65.617  |
| 2009 | 6     | 8   | 10   | 36     | 15     | 0.3       | 3       | 1.17  | 90.5      | 68.1168 | 65.7738 |
| 2009 | 6     | 8   | 10   | 51     | 15     | 0.3       | 3       | 1.15  | 90.7      | 68.1824 | 64.738  |
| 2009 | 6     | 8   | 11   | 6      | 15     | 0.3       | 3       | 1.18  | 90.6      | 68.1824 | 65.9942 |
| 2009 | 6     | 8   | 11   | 21     | 15     | 0.3       | 3       | 1.15  | 90.7      | 68.1824 | 64.738  |
| 2009 | 6     | 8   | 11   | 36     | 15     | 0.3       | 3       | 1.13  | 89.7      | 68.1168 | 63.7344 |
| 2009 | 6     | 8   | 11   | 51     | 15     | 0.3       | 3       | 1.13  | 90.7      | 68.1824 | 63.6387 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 8   | 12   | 6      | 15     | 0.3       | 3       | 1.15  | 90.8      | 68.1824 | 64.5809 |
| 2009 | 6     | 8   | 12   | 21     | 15     | 0.3       | 3       | 1.19  | 92.5      | 68.248  | 66.5293 |
| 2009 | 6     | 8   | 12   | 36     | 15     | 0.3       | 3       | 1.19  | 91.9      | 68.1824 | 66.4653 |
| 2009 | 6     | 8   | 12   | 51     | 15     | 0.3       | 3       | 1.19  | 91.7      | 68.1824 | 66.7794 |
| 2009 | 6     | 8   | 13   | 6      | 15     | 0.3       | 3       | 1.16  | 91.3      | 68.1824 | 65.052  |
| 2009 | 6     | 8   | 13   | 21     | 15     | 0.3       | 3       | 1.19  | 90.5      | 68.1824 | 66.7794 |
| 2009 | 6     | 8   | 13   | 36     | 15     | 0.3       | 3       | 1.19  | 92.7      | 68.1824 | 66.3083 |
| 2009 | 6     | 8   | 13   | 51     | 15     | 0.3       | 3       | 1.12  | 90.8      | 68.248  | 63.2284 |
| 2009 | 6     | 8   | 14   | 6      | 15     | 0.3       | 3       | 1.16  | 90        | 68.1824 | 65.3661 |
| 2009 | 6     | 8   | 14   | 21     | 15     | 0.3       | 3       | 1.18  | 91.6      | 68.248  | 66.3721 |
| 2009 | 6     | 8   | 14   | 36     | 15     | 0.3       | 3       | 1.13  | 89        | 68.1824 | 63.7957 |
| 2009 | 6     | 8   | 14   | 51     | 15     | 0.3       | 3       | 1.11  | 94.6      | 68.248  | 62.5997 |
| 2009 | 6     | 8   | 15   | 6      | 15     | 0.3       | 3       | 1.22  | 92.2      | 68.248  | 67.944  |
| 2009 | 6     | 8   | 15   | 21     | 15     | 0.3       | 3       | 1.18  | 91.8      | 68.1824 | 65.8372 |
| 2009 | 6     | 8   | 15   | 36     | 15     | 0.3       | 3       | 1.18  | 91.1      | 68.1824 | 66.3083 |
| 2009 | 6     | 8   | 15   | 51     | 15     | 0.3       | 3       | 1.17  | 92.1      | 68.1824 | 65.5231 |
| 2009 | 6     | 8   | 16   | 6      | 15     | 0.3       | 3       | 1.17  | 90.6      | 68.1824 | 65.8372 |
| 2009 | 6     | 8   | 16   | 21     | 15     | 0.3       | 3       | 1.16  | 90.5      | 68.1824 | 65.3661 |
| 2009 | 6     | 8   | 16   | 36     | 15     | 0.3       | 3       | 1.21  | 91.6      | 68.1824 | 67.5646 |
| 2009 | 6     | 8   | 16   | 51     | 15     | 0.3       | 3       | 1.19  | 91.3      | 68.1824 | 66.4653 |
| 2009 | 6     | 8   | 17   | 6      | 15     | 0.3       | 3       | 1.13  | 90.2      | 68.1824 | 63.6387 |
| 2009 | 6     | 8   | 17   | 21     | 15     | 0.3       | 3       | 1.15  | 90.2      | 68.1824 | 64.895  |
| 2009 | 6     | 8   | 17   | 36     | 15     | 0.3       | 3       | 1.15  | 90        | 68.1168 | 64.6757 |
| 2009 | 6     | 8   | 17   | 51     | 15     | 0.3       | 3       | 1.16  | 91.3      | 68.1168 | 65.1463 |
| 2009 | 6     | 8   | 18   | 6      | 15     | 0.3       | 3       | 1.14  | 90        | 68.1168 | 64.205  |
| 2009 | 6     | 8   | 18   | 21     | 15     | 0.3       | 3       | 1.17  | 90.3      | 68.1168 | 65.7738 |
| 2009 | 6     | 8   | 18   | 36     | 15     | 0.3       | 3       | 1.15  | 89.5      | 68.1168 | 64.6757 |
| 2009 | 6     | 8   | 18   | 51     | 15     | 0.3       | 3       | 1.2   | 92.4      | 68.0512 | 66.6509 |
| 2009 | 6     | 8   | 19   | 6      | 15     | 0.3       | 3       | 1.12  | 90        | 68.1168 | 63.2637 |
| 2009 | 6     | 8   | 19   | 21     | 15     | 0.3       | 3       | 1.13  | 89.8      | 68.1168 | 63.5775 |
| 2009 | 6     | 8   | 19   | 36     | 15     | 0.3       | 3       | 1.14  | 90        | 68.1168 | 63.8912 |
| 2009 | 6     | 8   | 19   | 51     | 15     | 0.3       | 3       | 1.13  | 90.7      | 68.1168 | 63.7344 |
| 2009 | 6     | 8   | 20   | 6      | 15     | 0.3       | 3       | 1.14  | 91.2      | 68.1168 | 63.8912 |
| 2009 | 6     | 8   | 20   | 21     | 15     | 0.3       | 3       | 1.13  | 90        | 68.1168 | 63.4206 |
| 2009 | 6     | 8   | 20   | 36     | 15     | 0.3       | 3       | 32767 | 0         | 68.0512 | 64.4566 |
| 2009 | 6     | 8   | 20   | 51     | 15     | 0.3       | 3       | 32767 | 0         | 68.1168 | 64.8325 |
| 2009 | 6     | 8   | 21   | 6      | 15     | 0.3       | 3       | 32767 | 0         | 68.1168 | 64.5188 |
| 2009 | 6     | 8   | 21   | 21     | 15     | 0.3       | 3       | 32767 | 0         | 68.1168 | 64.0481 |
| 2009 | 6     | 8   | 21   | 36     | 15     | 0.3       | 3       | 32767 | 0         | 68.0512 | 62.7326 |
| 2009 | 6     | 8   | 21   | 51     | 15     | 0.3       | 3       | 32767 | 0         | 68.0512 | 63.5162 |
| 2009 | 6     | 8   | 22   | 6      | 15     | 0.3       | 3       | 32767 | 0         | 68.0512 | 62.8893 |
| 2009 | 6     | 8   | 22   | 21     | 15     | 0.3       | 3       | 32767 | 0         | 68.0512 | 62.4191 |
| 2009 | 6     | 8   | 22   | 36     | 15     | 0.3       | 3       | 32767 | 0         | 68.0512 | 63.2028 |
| 2009 | 6     | 8   | 22   | 51     | 15     | 0.3       | 3       | 32767 | 0         | 68.0512 | 62.8893 |
| 2009 | 6     | 8   | 23   | 6      | 15     | 0.3       | 3       | 32767 | 0         | 67.9856 | 63.2984 |
| 2009 | 6     | 8   | 23   | 21     | 15     | 0.3       | 3       | 32767 | 0         | 67.9856 | 61.1063 |
| 2009 | 6     | 8   | 23   | 36     | 15     | 0.3       | 3       | 32767 | 0         | 67.9856 | 62.3589 |
| 2009 | 6     | 8   | 23   | 51     | 15     | 0.3       | 3       | 32767 | 0         | 67.9856 | 63.1418 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 9   | 0    | 6      | 15     | 0.3       | 3       | 32767 | 0         | 67.9856 | 63.2984 |
| 2009 | 6     | 9   | 0    | 21     | 15     | 0.3       | 3       | 32767 | 0         | 67.9856 | 62.5155 |
| 2009 | 6     | 9   | 0    | 36     | 15     | 0.3       | 3       | 32767 | 0         | 67.9856 | 64.8642 |
| 2009 | 6     | 9   | 0    | 51     | 15     | 0.3       | 3       | 32767 | 0         | 67.9856 | 61.2629 |
| 2009 | 6     | 9   | 1    | 6      | 15     | 0.3       | 3       | 32767 | 0         | 67.92   | 63.7066 |
| 2009 | 6     | 9   | 1    | 21     | 15     | 0.3       | 3       | 32767 | 0         | 67.92   | 62.4552 |
| 2009 | 6     | 9   | 1    | 36     | 15     | 0.3       | 3       | 32767 | 0         | 67.92   | 62.9244 |
| 2009 | 6     | 9   | 1    | 51     | 15     | 0.3       | 3       | 32767 | 0         | 67.92   | 64.4888 |
| 2009 | 6     | 9   | 2    | 6      | 15     | 0.3       | 3       | 32767 | 0         | 67.92   | 64.958  |
| 2009 | 6     | 9   | 2    | 21     | 15     | 0.3       | 3       | 32767 | 0         | 67.92   | 61.673  |
| 2009 | 6     | 9   | 2    | 36     | 15     | 0.3       | 3       | 32767 | 0         | 67.8543 | 63.1762 |
| 2009 | 6     | 9   | 2    | 51     | 15     | 0.3       | 3       | 32767 | 0         | 67.8543 | 63.3325 |
| 2009 | 6     | 9   | 3    | 6      | 15     | 0.3       | 3       | 32767 | 0         | 67.8543 | 61.3009 |
| 2009 | 6     | 9   | 3    | 21     | 15     | 0.3       | 3       | 32767 | 0         | 67.8543 | 61.1446 |
| 2009 | 6     | 9   | 3    | 36     | 15     | 0.3       | 3       | 32767 | 0         | 67.8543 | 62.5511 |
| 2009 | 6     | 9   | 3    | 51     | 15     | 0.3       | 3       | 32767 | 0         | 67.8543 | 62.8637 |
| 2009 | 6     | 9   | 4    | 6      | 15     | 0.3       | 3       | 32767 | 0         | 67.8543 | 64.5827 |
| 2009 | 6     | 9   | 4    | 21     | 15     | 0.3       | 3       | 32767 | 0         | 67.8543 | 63.1762 |
| 2009 | 6     | 9   | 4    | 36     | 15     | 0.3       | 3       | 32767 | 0         | 67.7887 | 61.5538 |
| 2009 | 6     | 9   | 4    | 51     | 15     | 0.3       | 3       | 32767 | 0         | 67.7887 | 61.5538 |
| 2009 | 6     | 9   | 5    | 6      | 15     | 0.3       | 3       | 32767 | 0         | 67.7887 | 62.3345 |
| 2009 | 6     | 9   | 5    | 21     | 15     | 0.3       | 3       | 32767 | 0         | 67.7887 | 62.3345 |
| 2009 | 6     | 9   | 5    | 36     | 15     | 0.3       | 3       | 32767 | 0         | 67.7887 | 61.71   |
| 2009 | 6     | 9   | 5    | 51     | 15     | 0.3       | 3       | 32767 | 0         | 67.7887 | 62.8029 |
| 2009 | 6     | 9   | 6    | 6      | 15     | 0.3       | 3       | 32767 | 0         | 67.7887 | 61.71   |
| 2009 | 6     | 9   | 6    | 21     | 15     | 0.3       | 3       | 32767 | 0         | 67.7887 | 62.3345 |
| 2009 | 6     | 9   | 6    | 36     | 15     | 0.3       | 3       | 32767 | 0         | 67.7887 | 63.2713 |
| 2009 | 6     | 9   | 6    | 51     | 15     | 0.3       | 3       | 32767 | 0         | 67.7887 | 63.5835 |
| 2009 | 6     | 9   | 7    | 6      | 15     | 0.3       | 3       | 32767 | 0         | 67.7231 | 63.21   |
| 2009 | 6     | 9   | 7    | 21     | 15     | 0.3       | 3       | 32767 | 0         | 67.7231 | 62.4301 |
| 2009 | 6     | 9   | 7    | 36     | 15     | 0.3       | 3       | 32767 | 0         | 67.7231 | 63.21   |
| 2009 | 6     | 9   | 7    | 51     | 15     | 0.3       | 3       | 32767 | 0         | 67.6575 | 63.6162 |
| 2009 | 6     | 9   | 8    | 6      | 15     | 0.3       | 3       | 32767 | 0         | 67.7231 | 62.7421 |
| 2009 | 6     | 9   | 8    | 21     | 15     | 0.3       | 3       | 32767 | 0         | 67.6575 | 61.5905 |
| 2009 | 6     | 9   | 8    | 36     | 15     | 0.3       | 3       | 32767 | 0         | 67.6575 | 61.5905 |
| 2009 | 6     | 9   | 8    | 51     | 15     | 0.3       | 3       | 32767 | 0         | 67.6575 | 61.5905 |
| 2009 | 6     | 9   | 9    | 6      | 15     | 0.3       | 3       | 32767 | 0         | 67.5919 | 61.8421 |
| 2009 | 6     | 9   | 9    | 21     | 15     | 0.3       | 3       | 32767 | 0         | 67.5263 | 62.8708 |
| 2009 | 6     | 9   | 9    | 36     | 15     | 0.3       | 3       | 32767 | 0         | 67.5263 | 62.2487 |
| 2009 | 6     | 9   | 9    | 51     | 15     | 0.3       | 3       | 32767 | 0         | 67.4606 | 64.5188 |
| 2009 | 6     | 9   | 10   | 6      | 15     | 0.3       | 3       | 0.86  | 86.5      | 67.5263 | 50.1179 |
| 2009 | 6     | 9   | 10   | 21     | 15     | 0.3       | 3       | 1.17  | 92.1      | 67.395  | 64.9217 |
| 2009 | 6     | 9   | 10   | 40     | 12     | 0.3       | 3       | 1.15  | 92.1      | 67.395  | 63.8351 |
| 2009 | 6     | 9   | 10   | 55     | 12     | 0.3       | 3       | 1.17  | 91.4      | 67.395  | 64.7664 |
| 2009 | 6     | 9   | 11   | 10     | 12     | 0.3       | 3       | 1.16  | 91.6      | 67.395  | 64.1456 |
| 2009 | 6     | 9   | 11   | 25     | 12     | 0.3       | 3       | 1.16  | 91.1      | 67.395  | 64.1456 |
| 2009 | 6     | 9   | 11   | 40     | 12     | 0.3       | 3       | 1.14  | 91.5      | 67.395  | 63.2142 |
| 2009 | 6     | 9   | 11   | 55     | 12     | 0.3       | 3       | 1.16  | 90.8      | 67.3294 | 64.3932 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 9   | 12   | 10     | 12     | 0.3       | 3       | 1.16  | 91.9      | 67.3294 | 64.3932 |
| 2009 | 6     | 9   | 12   | 25     | 12     | 0.3       | 3       | 1.17  | 92.3      | 67.3294 | 64.5483 |
| 2009 | 6     | 9   | 12   | 40     | 12     | 0.3       | 3       | 1.21  | 92.7      | 67.3294 | 66.4091 |
| 2009 | 6     | 9   | 12   | 55     | 12     | 0.3       | 3       | 1.16  | 90.6      | 67.2638 | 64.1756 |
| 2009 | 6     | 9   | 13   | 10     | 12     | 0.3       | 3       | 1.18  | 91.6      | 67.1982 | 65.0416 |
| 2009 | 6     | 9   | 13   | 25     | 12     | 0.3       | 3       | 1.17  | 92.4      | 67.2638 | 64.6403 |
| 2009 | 6     | 9   | 13   | 40     | 12     | 0.3       | 3       | 1.19  | 92.7      | 67.1982 | 65.3511 |
| 2009 | 6     | 9   | 13   | 55     | 12     | 0.3       | 3       | 1.15  | 91.6      | 67.1982 | 63.4939 |
| 2009 | 6     | 9   | 14   | 10     | 12     | 0.3       | 3       | 1.19  | 91.7      | 67.1326 | 65.4419 |
| 2009 | 6     | 9   | 14   | 25     | 12     | 0.3       | 3       | 1.18  | 92.4      | 67.0669 | 64.9146 |
| 2009 | 6     | 9   | 14   | 40     | 12     | 0.3       | 3       | 1.16  | 91.8      | 67.1326 | 64.205  |
| 2009 | 6     | 9   | 14   | 55     | 12     | 0.3       | 3       | 1.17  | 92.1      | 67.0669 | 64.4512 |
| 2009 | 6     | 9   | 15   | 10     | 12     | 0.3       | 3       | 1.19  | 92.8      | 67.0669 | 65.3779 |
| 2009 | 6     | 9   | 15   | 25     | 12     | 0.3       | 3       | 1.15  | 92        | 67.0013 | 63.6165 |
| 2009 | 6     | 9   | 15   | 40     | 12     | 0.3       | 3       | 1.17  | 91        | 67.0013 | 64.3881 |
| 2009 | 6     | 9   | 15   | 55     | 12     | 0.3       | 3       | 1.14  | 92.6      | 66.9357 | 62.7834 |
| 2009 | 6     | 9   | 16   | 10     | 12     | 0.3       | 3       | 1.15  | 91.8      | 66.8701 | 63.1839 |
| 2009 | 6     | 9   | 16   | 25     | 12     | 0.3       | 3       | 1.14  | 91.2      | 66.9357 | 62.9376 |
| 2009 | 6     | 9   | 16   | 40     | 12     | 0.3       | 3       | 1.16  | 91.3      | 66.8701 | 64.108  |
| 2009 | 6     | 9   | 16   | 55     | 12     | 0.3       | 3       | 1.11  | 91.7      | 66.8045 | 61.5833 |
| 2009 | 6     | 9   | 17   | 10     | 12     | 0.3       | 3       | 1.13  | 89        | 66.8045 | 62.3526 |
| 2009 | 6     | 9   | 17   | 25     | 12     | 0.3       | 3       | 1.1   | 91        | 66.8045 | 60.9678 |
| 2009 | 6     | 9   | 17   | 40     | 12     | 0.3       | 3       | 1.11  | 91.2      | 66.7388 | 61.5228 |
| 2009 | 6     | 9   | 17   | 55     | 12     | 0.3       | 3       | 1.13  | 91        | 66.7388 | 62.2914 |
| 2009 | 6     | 9   | 18   | 10     | 12     | 0.3       | 3       | 1.15  | 90.8      | 66.7388 | 63.521  |
| 2009 | 6     | 9   | 18   | 25     | 12     | 0.3       | 3       | 1.15  | 93        | 66.6732 | 62.9979 |
| 2009 | 6     | 9   | 18   | 40     | 12     | 0.3       | 3       | 1.15  | 92.3      | 66.7388 | 63.0599 |
| 2009 | 6     | 9   | 18   | 55     | 12     | 0.3       | 3       | 1.14  | 90.8      | 66.7388 | 62.9062 |
| 2009 | 6     | 9   | 19   | 10     | 12     | 0.3       | 3       | 1.11  | 90.9      | 66.6732 | 61.1552 |
| 2009 | 6     | 9   | 19   | 25     | 12     | 0.3       | 3       | 1.1   | 91        | 66.6732 | 61.0016 |
| 2009 | 6     | 9   | 19   | 40     | 12     | 0.3       | 3       | 1.1   | 89.3      | 66.6732 | 60.6945 |
| 2009 | 6     | 9   | 19   | 55     | 12     | 0.3       | 3       | 1.11  | 90        | 66.6732 | 61.1552 |
| 2009 | 6     | 9   | 20   | 10     | 12     | 0.3       | 3       | 1.11  | 90.7      | 66.6076 | 61.2484 |
| 2009 | 6     | 9   | 20   | 25     | 12     | 0.3       | 3       | 1.09  | 90.7      | 66.6076 | 60.4814 |
| 2009 | 6     | 9   | 20   | 40     | 12     | 0.3       | 3       | 1.1   | 91.5      | 66.6076 | 60.9416 |
| 2009 | 6     | 9   | 20   | 55     | 12     | 0.3       | 3       | 1.11  | 91.2      | 66.6076 | 61.095  |
| 2009 | 6     | 9   | 21   | 10     | 12     | 0.3       | 3       | 1.12  | 90.3      | 66.542  | 61.4946 |
| 2009 | 6     | 9   | 21   | 25     | 12     | 0.3       | 3       | 1.09  | 89.3      | 66.542  | 60.4218 |
| 2009 | 6     | 9   | 21   | 40     | 12     | 0.3       | 3       | 1.1   | 90.9      | 66.542  | 60.8816 |
| 2009 | 6     | 9   | 21   | 55     | 12     | 0.3       | 3       | 1.11  | 89.5      | 66.542  | 61.0348 |
| 2009 | 6     | 9   | 22   | 10     | 12     | 0.3       | 3       | 1.1   | 91.5      | 66.4764 | 60.5153 |
| 2009 | 6     | 9   | 22   | 25     | 12     | 0.3       | 3       | 1.13  | 90.5      | 66.4764 | 62.0464 |
| 2009 | 6     | 9   | 22   | 40     | 12     | 0.3       | 3       | 1.1   | 90        | 66.4764 | 60.8215 |
| 2009 | 6     | 9   | 22   | 55     | 12     | 0.3       | 3       | 1.12  | 90.8      | 66.4108 | 61.3733 |
| 2009 | 6     | 9   | 23   | 10     | 12     | 0.3       | 3       | 1.12  | 91.7      | 66.4108 | 61.5263 |
| 2009 | 6     | 9   | 23   | 25     | 12     | 0.3       | 3       | 1.08  | 91        | 66.4108 | 59.6908 |
| 2009 | 6     | 9   | 23   | 40     | 12     | 0.3       | 3       | 1.11  | 90.5      | 66.4108 | 60.9145 |
| 2009 | 6     | 9   | 23   | 55     | 12     | 0.3       | 3       | 1.12  | 93        | 66.3452 | 61.4655 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 10  | 0    | 10     | 12     | 0.3       | 3       | 1.1   | 91        | 66.3452 | 60.3959 |
| 2009 | 6     | 10  | 0    | 25     | 12     | 0.3       | 3       | 1.09  | 90.7      | 66.3452 | 60.0902 |
| 2009 | 6     | 10  | 0    | 40     | 12     | 0.3       | 3       | 1.08  | 90.9      | 66.2795 | 59.4202 |
| 2009 | 6     | 10  | 0    | 55     | 12     | 0.3       | 3       | 1.09  | 91.4      | 66.2795 | 60.1835 |
| 2009 | 6     | 10  | 1    | 10     | 12     | 0.3       | 3       | 1.1   | 90.2      | 66.2795 | 60.3361 |
| 2009 | 6     | 10  | 1    | 25     | 12     | 0.3       | 3       | 1.1   | 90.7      | 66.2139 | 60.4289 |
| 2009 | 6     | 10  | 1    | 40     | 12     | 0.3       | 3       | 1.09  | 90.9      | 66.2139 | 60.1239 |
| 2009 | 6     | 10  | 1    | 55     | 12     | 0.3       | 3       | 1.07  | 89.5      | 66.2139 | 59.0564 |
| 2009 | 6     | 10  | 2    | 10     | 12     | 0.3       | 3       | 1.08  | 90.3      | 66.1483 | 59.3026 |
| 2009 | 6     | 10  | 2    | 25     | 12     | 0.3       | 3       | 1.09  | 91.9      | 66.0827 | 60.0047 |
| 2009 | 6     | 10  | 2    | 40     | 12     | 0.3       | 3       | 1.1   | 90        | 66.0827 | 60.4613 |
| 2009 | 6     | 10  | 2    | 55     | 12     | 0.3       | 3       | 1.12  | 91.3      | 66.0171 | 61.0095 |
| 2009 | 6     | 10  | 3    | 10     | 12     | 0.3       | 3       | 1.14  | 91.3      | 66.0171 | 62.0738 |
| 2009 | 6     | 10  | 3    | 25     | 12     | 0.3       | 3       | 1.1   | 91        | 66.0171 | 60.2492 |
| 2009 | 6     | 10  | 3    | 40     | 12     | 0.3       | 3       | 1.11  | 90.2      | 65.9514 | 60.645  |
| 2009 | 6     | 10  | 3    | 55     | 12     | 0.3       | 3       | 1.08  | 89.5      | 65.9514 | 59.1261 |
| 2009 | 6     | 10  | 4    | 10     | 12     | 0.3       | 3       | 1.07  | 91.4      | 65.9514 | 58.8223 |
| 2009 | 6     | 10  | 4    | 25     | 12     | 0.3       | 3       | 1.13  | 91.5      | 65.9514 | 61.5564 |
| 2009 | 6     | 10  | 4    | 40     | 12     | 0.3       | 3       | 1.11  | 92        | 65.8858 | 60.433  |
| 2009 | 6     | 10  | 4    | 55     | 12     | 0.3       | 3       | 1.08  | 91.7      | 65.8858 | 59.3707 |
| 2009 | 6     | 10  | 5    | 10     | 12     | 0.3       | 3       | 1.1   | 91.5      | 65.8858 | 60.1295 |
| 2009 | 6     | 10  | 5    | 25     | 12     | 0.3       | 3       | 1.1   | 91.4      | 65.8202 | 60.2212 |
| 2009 | 6     | 10  | 5    | 40     | 12     | 0.3       | 3       | 1.07  | 92.3      | 65.8202 | 58.8568 |
| 2009 | 6     | 10  | 5    | 55     | 12     | 0.3       | 3       | 1.11  | 91.4      | 65.8202 | 60.676  |
| 2009 | 6     | 10  | 6    | 10     | 12     | 0.3       | 3       | 1.1   | 92.2      | 65.8202 | 59.918  |
| 2009 | 6     | 10  | 6    | 25     | 12     | 0.3       | 3       | 1.14  | 92        | 65.8202 | 61.8887 |
| 2009 | 6     | 10  | 6    | 40     | 12     | 0.3       | 3       | 1.09  | 90        | 65.7546 | 59.5554 |
| 2009 | 6     | 10  | 6    | 55     | 12     | 0.3       | 3       | 1.11  | 91.4      | 65.7546 | 60.464  |
| 2009 | 6     | 10  | 7    | 10     | 12     | 0.3       | 3       | 1.1   | 90.3      | 65.7546 | 60.0097 |
| 2009 | 6     | 10  | 7    | 25     | 12     | 0.3       | 3       | 1.08  | 90.7      | 65.7546 | 58.9496 |
| 2009 | 6     | 10  | 7    | 40     | 12     | 0.3       | 3       | 1.08  | 91.4      | 65.7546 | 59.1011 |
| 2009 | 6     | 10  | 7    | 55     | 12     | 0.3       | 3       | 1.09  | 90.5      | 65.689  | 59.6472 |
| 2009 | 6     | 10  | 8    | 10     | 12     | 0.3       | 3       | 1.07  | 90        | 65.689  | 58.7395 |
| 2009 | 6     | 10  | 8    | 25     | 12     | 0.3       | 3       | 1.11  | 90.9      | 65.689  | 60.2524 |
| 2009 | 6     | 10  | 8    | 40     | 12     | 0.3       | 3       | 1.09  | 90.2      | 65.689  | 59.6472 |
| 2009 | 6     | 10  | 8    | 55     | 12     | 0.3       | 3       | 1.08  | 90        | 65.689  | 58.8908 |
| 2009 | 6     | 10  | 9    | 10     | 12     | 0.3       | 3       | 1.11  | 90        | 65.689  | 60.555  |
| 2009 | 6     | 10  | 9    | 25     | 12     | 0.3       | 3       | 1.08  | 92.6      | 65.689  | 59.1934 |
| 2009 | 6     | 10  | 9    | 40     | 12     | 0.3       | 3       | 1.11  | 90.8      | 65.689  | 60.555  |
| 2009 | 6     | 10  | 9    | 55     | 12     | 0.3       | 3       | 1.1   | 91.4      | 65.6234 | 59.8899 |
| 2009 | 6     | 10  | 10   | 10     | 12     | 0.3       | 3       | 1.07  | 92.3      | 65.6234 | 58.5297 |
| 2009 | 6     | 10  | 10   | 25     | 12     | 0.3       | 3       | 1.07  | 90.4      | 65.6234 | 58.5297 |
| 2009 | 6     | 10  | 10   | 40     | 12     | 0.3       | 3       | 1.1   | 91.4      | 65.6234 | 60.0411 |
| 2009 | 6     | 10  | 10   | 55     | 12     | 0.3       | 3       | 1.07  | 89.5      | 65.6234 | 58.3785 |
| 2009 | 6     | 10  | 11   | 10     | 12     | 0.3       | 3       | 1.07  | 90.2      | 65.5577 | 58.3202 |
| 2009 | 6     | 10  | 11   | 25     | 12     | 0.3       | 3       | 1.06  | 90.5      | 65.5577 | 57.8672 |
| 2009 | 6     | 10  | 11   | 40     | 12     | 0.3       | 3       | 1.07  | 90        | 65.3609 | 58.4461 |
| 2009 | 6     | 10  | 11   | 55     | 12     | 0.3       | 3       | 1.09  | 90.3      | 65.2953 | 58.989  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 10  | 12   | 10     | 12     | 0.3       | 3       | 1.1   | 90.7      | 65.2953 | 59.5905 |
| 2009 | 6     | 10  | 12   | 25     | 12     | 0.3       | 3       | 1.09  | 91.5      | 65.2297 | 59.2302 |
| 2009 | 6     | 10  | 12   | 40     | 12     | 0.3       | 3       | 1.07  | 90.4      | 65.2297 | 58.0283 |
| 2009 | 6     | 10  | 12   | 55     | 12     | 0.3       | 3       | 1.06  | 91.4      | 65.164  | 57.8198 |
| 2009 | 6     | 10  | 13   | 10     | 12     | 0.3       | 3       | 1.06  | 91.1      | 65.164  | 57.5197 |
| 2009 | 6     | 10  | 13   | 25     | 12     | 0.3       | 3       | 1.13  | 92.2      | 65.164  | 60.9716 |
| 2009 | 6     | 10  | 13   | 40     | 12     | 0.3       | 3       | 1.13  | 91.3      | 65.0984 | 60.7603 |
| 2009 | 6     | 10  | 13   | 55     | 12     | 0.3       | 3       | 1.1   | 91.2      | 65.0984 | 59.5608 |
| 2009 | 6     | 10  | 14   | 10     | 12     | 0.3       | 3       | 1.11  | 92.2      | 65.0984 | 60.0106 |
| 2009 | 6     | 10  | 14   | 25     | 12     | 0.3       | 3       | 1.09  | 90.7      | 65.0984 | 58.8111 |
| 2009 | 6     | 10  | 14   | 40     | 12     | 0.3       | 3       | 1.14  | 92.5      | 65.0328 | 60.9986 |
| 2009 | 6     | 10  | 14   | 55     | 12     | 0.3       | 3       | 1.13  | 90.3      | 65.0328 | 60.5492 |
| 2009 | 6     | 10  | 15   | 10     | 12     | 0.3       | 3       | 1.09  | 91        | 64.9672 | 58.8422 |
| 2009 | 6     | 10  | 15   | 25     | 12     | 0.3       | 3       | 1.11  | 90.8      | 64.9672 | 59.74   |
| 2009 | 6     | 10  | 15   | 40     | 12     | 0.3       | 3       | 1.08  | 91.6      | 64.9016 | 58.4838 |
| 2009 | 6     | 10  | 15   | 55     | 12     | 0.3       | 3       | 1.1   | 92.2      | 64.9672 | 59.4407 |
| 2009 | 6     | 10  | 16   | 10     | 12     | 0.3       | 3       | 1.11  | 92.7      | 64.9016 | 59.8291 |
| 2009 | 6     | 10  | 16   | 25     | 12     | 0.3       | 3       | 1.07  | 91.8      | 64.836  | 57.9767 |
| 2009 | 6     | 10  | 16   | 40     | 12     | 0.3       | 3       | 1.12  | 92.5      | 64.7703 | 59.8573 |
| 2009 | 6     | 10  | 16   | 55     | 12     | 0.3       | 3       | 1.11  | 91.2      | 64.7703 | 59.4098 |
| 2009 | 6     | 10  | 17   | 10     | 12     | 0.3       | 3       | 1.09  | 90.3      | 64.7703 | 58.6639 |
| 2009 | 6     | 10  | 17   | 25     | 12     | 0.3       | 3       | 1.11  | 92.4      | 64.7047 | 59.6477 |
| 2009 | 6     | 10  | 17   | 40     | 12     | 0.3       | 3       | 1.08  | 91.2      | 64.7047 | 58.3064 |
| 2009 | 6     | 10  | 17   | 55     | 12     | 0.3       | 3       | 1.06  | 91.9      | 64.6391 | 57.3541 |
| 2009 | 6     | 10  | 18   | 10     | 12     | 0.3       | 3       | 1.06  | 90.7      | 64.5735 | 57.2958 |
| 2009 | 6     | 10  | 18   | 25     | 12     | 0.3       | 3       | 1.03  | 90.2      | 64.5735 | 55.6599 |
| 2009 | 6     | 10  | 18   | 40     | 12     | 0.3       | 3       | 1.07  | 91.8      | 64.5079 | 57.6833 |
| 2009 | 6     | 10  | 18   | 55     | 12     | 0.3       | 3       | 1.1   | 90        | 64.5079 | 58.8719 |
| 2009 | 6     | 10  | 19   | 10     | 12     | 0.3       | 3       | 1.08  | 92.3      | 64.5079 | 57.8319 |
| 2009 | 6     | 10  | 19   | 25     | 12     | 0.3       | 3       | 1.08  | 90.7      | 64.4423 | 57.9215 |
| 2009 | 6     | 10  | 19   | 40     | 12     | 0.3       | 3       | 1.04  | 90.2      | 64.4423 | 56.2889 |
| 2009 | 6     | 10  | 19   | 55     | 12     | 0.3       | 3       | 1.07  | 90.7      | 64.4423 | 57.4763 |
| 2009 | 6     | 10  | 20   | 10     | 12     | 0.3       | 3       | 1.06  | 90        | 64.4423 | 56.8826 |
| 2009 | 6     | 10  | 20   | 25     | 12     | 0.3       | 3       | 1.07  | 90.9      | 64.3766 | 57.2694 |
| 2009 | 6     | 10  | 20   | 40     | 12     | 0.3       | 3       | 1.05  | 91.1      | 64.3766 | 56.3798 |
| 2009 | 6     | 10  | 20   | 55     | 12     | 0.3       | 3       | 1.04  | 90        | 64.3766 | 56.0833 |
| 2009 | 6     | 10  | 21   | 10     | 12     | 0.3       | 3       | 1.08  | 91.7      | 64.3766 | 57.7143 |
| 2009 | 6     | 10  | 21   | 25     | 12     | 0.3       | 3       | 1.09  | 91        | 64.311  | 58.0998 |
| 2009 | 6     | 10  | 21   | 40     | 12     | 0.3       | 3       | 1.05  | 91.1      | 64.311  | 56.6186 |
| 2009 | 6     | 10  | 21   | 55     | 12     | 0.3       | 3       | 1.06  | 91.1      | 64.311  | 56.7667 |
| 2009 | 6     | 10  | 22   | 10     | 12     | 0.3       | 3       | 1.07  | 91.6      | 64.311  | 57.2111 |
| 2009 | 6     | 10  | 22   | 25     | 12     | 0.3       | 3       | 1.05  | 90.9      | 64.2454 | 56.4129 |
| 2009 | 6     | 10  | 22   | 40     | 12     | 0.3       | 3       | 1.04  | 92.4      | 64.2454 | 55.821  |
| 2009 | 6     | 10  | 22   | 55     | 12     | 0.3       | 3       | 1.01  | 91.1      | 64.2454 | 54.6373 |
| 2009 | 6     | 10  | 23   | 10     | 12     | 0.3       | 3       | 1.07  | 91.6      | 64.1798 | 57.39   |
| 2009 | 6     | 10  | 23   | 25     | 12     | 0.3       | 3       | 1.02  | 91.8      | 64.1798 | 55.1727 |
| 2009 | 6     | 10  | 23   | 40     | 12     | 0.3       | 3       | 1.04  | 92        | 64.1798 | 55.9118 |
| 2009 | 6     | 10  | 23   | 55     | 12     | 0.3       | 3       | 1.06  | 91.8      | 64.1142 | 56.7406 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 11  | 0    | 10     | 12     | 0.3       | 3       | 1.06  | 90.2      | 64.1142 | 56.8883 |
| 2009 | 6     | 11  | 0    | 25     | 12     | 0.3       | 3       | 1.03  | 92        | 64.1142 | 55.5593 |
| 2009 | 6     | 11  | 0    | 40     | 12     | 0.3       | 3       | 1.07  | 92.5      | 64.0486 | 56.9776 |
| 2009 | 6     | 11  | 0    | 55     | 12     | 0.3       | 3       | 1.04  | 90        | 64.0486 | 55.945  |
| 2009 | 6     | 11  | 1    | 10     | 12     | 0.3       | 3       | 1.07  | 91.6      | 64.0486 | 57.1251 |
| 2009 | 6     | 11  | 1    | 25     | 12     | 0.3       | 3       | 1.03  | 90.7      | 63.9829 | 55.4456 |
| 2009 | 6     | 11  | 1    | 40     | 12     | 0.3       | 3       | 1.09  | 91.7      | 63.9829 | 58.0981 |
| 2009 | 6     | 11  | 1    | 55     | 12     | 0.3       | 3       | 1.06  | 91.6      | 63.9829 | 56.7719 |
| 2009 | 6     | 11  | 2    | 10     | 12     | 0.3       | 3       | 1.03  | 90.9      | 63.9829 | 55.4456 |
| 2009 | 6     | 11  | 2    | 25     | 12     | 0.3       | 3       | 1.06  | 91.8      | 63.9173 | 56.5664 |
| 2009 | 6     | 11  | 2    | 40     | 12     | 0.3       | 3       | 1.08  | 90.9      | 63.9173 | 57.4497 |
| 2009 | 6     | 11  | 2    | 55     | 12     | 0.3       | 3       | 1.05  | 91.2      | 63.8517 | 56.2142 |
| 2009 | 6     | 11  | 3    | 10     | 12     | 0.3       | 3       | 1.06  | 92        | 63.8517 | 56.5084 |
| 2009 | 6     | 11  | 3    | 25     | 12     | 0.3       | 3       | 1.07  | 93        | 63.7205 | 56.9792 |
| 2009 | 6     | 11  | 3    | 40     | 12     | 0.3       | 3       | 1.09  | 92.2      | 63.7205 | 57.713  |
| 2009 | 6     | 11  | 3    | 55     | 12     | 0.3       | 3       | 1.04  | 90.9      | 63.7205 | 55.6584 |
| 2009 | 6     | 11  | 4    | 10     | 12     | 0.3       | 3       | 1.04  | 91.3      | 63.6549 | 55.3079 |
| 2009 | 6     | 11  | 4    | 25     | 12     | 0.3       | 3       | 1.02  | 92.4      | 63.5892 | 54.6651 |
| 2009 | 6     | 11  | 4    | 40     | 12     | 0.3       | 3       | 1.01  | 90.7      | 63.5892 | 54.2257 |
| 2009 | 6     | 11  | 4    | 55     | 12     | 0.3       | 3       | 1.03  | 92.7      | 63.5892 | 54.958  |
| 2009 | 6     | 11  | 5    | 10     | 12     | 0.3       | 3       | 1.05  | 92.5      | 63.5892 | 55.9832 |
| 2009 | 6     | 11  | 5    | 25     | 12     | 0.3       | 3       | 1.07  | 90.5      | 63.5236 | 56.6569 |
| 2009 | 6     | 11  | 5    | 40     | 12     | 0.3       | 3       | 1.08  | 91.7      | 63.5236 | 57.0958 |
| 2009 | 6     | 11  | 5    | 55     | 12     | 0.3       | 3       | 1.02  | 91.3      | 63.5236 | 54.4623 |
| 2009 | 6     | 11  | 6    | 10     | 12     | 0.3       | 3       | 1.01  | 91.1      | 63.458  | 53.8215 |
| 2009 | 6     | 11  | 6    | 25     | 12     | 0.3       | 3       | 1.04  | 91.1      | 63.458  | 55.4292 |
| 2009 | 6     | 11  | 6    | 40     | 12     | 0.3       | 3       | 1.03  | 90.5      | 63.458  | 54.9907 |
| 2009 | 6     | 11  | 6    | 55     | 12     | 0.3       | 3       | 1.05  | 90.5      | 63.458  | 55.7215 |
| 2009 | 6     | 11  | 7    | 10     | 12     | 0.3       | 3       | 1.05  | 92        | 63.458  | 55.7215 |
| 2009 | 6     | 11  | 7    | 25     | 12     | 0.3       | 3       | 1.05  | 90.7      | 63.3924 | 55.8099 |
| 2009 | 6     | 11  | 7    | 40     | 12     | 0.3       | 3       | 1.02  | 92.9      | 63.3924 | 54.4958 |
| 2009 | 6     | 11  | 7    | 55     | 12     | 0.3       | 3       | 1.05  | 90.9      | 63.3924 | 55.5178 |
| 2009 | 6     | 11  | 8    | 10     | 12     | 0.3       | 3       | 1.05  | 91.6      | 63.3924 | 55.8099 |
| 2009 | 6     | 11  | 8    | 25     | 12     | 0.3       | 3       | 1.02  | 92.2      | 63.3924 | 54.3498 |
| 2009 | 6     | 11  | 8    | 40     | 12     | 0.3       | 3       | 1.01  | 91.9      | 63.3924 | 54.0578 |
| 2009 | 6     | 11  | 8    | 55     | 12     | 0.3       | 3       | 1.03  | 89.8      | 63.3268 | 54.877  |
| 2009 | 6     | 11  | 9    | 10     | 12     | 0.3       | 3       | 1.06  | 91.6      | 63.3268 | 55.8979 |
| 2009 | 6     | 11  | 9    | 25     | 12     | 0.3       | 3       | 1.04  | 90.7      | 63.3268 | 55.3145 |
| 2009 | 6     | 11  | 9    | 40     | 12     | 0.3       | 3       | 1.04  | 91.3      | 63.3268 | 55.3145 |
| 2009 | 6     | 11  | 9    | 55     | 12     | 0.3       | 3       | 1.01  | 92.4      | 63.3268 | 53.856  |
| 2009 | 6     | 11  | 10   | 10     | 12     | 0.3       | 3       | 1.01  | 92.4      | 63.2612 | 53.9459 |
| 2009 | 6     | 11  | 10   | 25     | 12     | 0.3       | 3       | 1.04  | 92.2      | 63.2612 | 54.9658 |
| 2009 | 6     | 11  | 10   | 40     | 12     | 0.3       | 3       | 1.08  | 93.7      | 63.2612 | 56.5685 |
| 2009 | 6     | 11  | 10   | 55     | 12     | 0.3       | 3       | 1.06  | 91.6      | 63.1955 | 55.9276 |
| 2009 | 6     | 11  | 11   | 10     | 12     | 0.3       | 3       | 1.03  | 90        | 63.1955 | 54.6177 |
| 2009 | 6     | 11  | 11   | 25     | 12     | 0.3       | 3       | 1.03  | 91.6      | 63.0643 | 54.5043 |
| 2009 | 6     | 11  | 11   | 40     | 12     | 0.3       | 3       | 1.06  | 91.9      | 62.9987 | 55.8985 |
| 2009 | 6     | 11  | 11   | 55     | 12     | 0.3       | 3       | 1.03  | 91.6      | 62.9331 | 54.3909 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 11  | 12   | 10     | 12     | 0.3       | 3       | 1.06  | 91.4      | 62.8675 | 55.4925 |
| 2009 | 6     | 11  | 12   | 25     | 12     | 0.3       | 3       | 1.06  | 93.4      | 62.8675 | 55.7821 |
| 2009 | 6     | 11  | 12   | 40     | 12     | 0.3       | 3       | 1.07  | 91.9      | 62.8675 | 56.2165 |
| 2009 | 6     | 11  | 12   | 55     | 12     | 0.3       | 3       | 1.09  | 93.5      | 62.9331 | 56.8549 |
| 2009 | 6     | 11  | 13   | 10     | 12     | 0.3       | 3       | 1.08  | 91.6      | 62.8675 | 56.5061 |
| 2009 | 6     | 11  | 13   | 25     | 12     | 0.3       | 3       | 1.07  | 91.8      | 62.8018 | 55.8685 |
| 2009 | 6     | 11  | 13   | 40     | 12     | 0.3       | 3       | 1.06  | 92.5      | 62.8018 | 55.4346 |
| 2009 | 6     | 11  | 13   | 55     | 12     | 0.3       | 3       | 1.08  | 92.1      | 62.8018 | 56.5917 |
| 2009 | 6     | 11  | 14   | 10     | 12     | 0.3       | 3       | 1.02  | 90.9      | 62.7362 | 53.6428 |
| 2009 | 6     | 11  | 14   | 25     | 12     | 0.3       | 3       | 1.05  | 91.8      | 62.6706 | 54.8857 |
| 2009 | 6     | 11  | 14   | 40     | 12     | 0.3       | 3       | 1.07  | 91.9      | 62.6706 | 55.8961 |
| 2009 | 6     | 11  | 14   | 55     | 12     | 0.3       | 3       | 1.05  | 91.6      | 62.605  | 55.1166 |
| 2009 | 6     | 11  | 15   | 10     | 12     | 0.3       | 3       | 1.03  | 92.4      | 62.5394 | 53.9066 |
| 2009 | 6     | 11  | 15   | 25     | 12     | 0.3       | 3       | 1.03  | 91.3      | 62.4738 | 53.9939 |
| 2009 | 6     | 11  | 15   | 40     | 12     | 0.3       | 3       | 1.06  | 90.4      | 62.5394 | 55.2029 |
| 2009 | 6     | 11  | 15   | 55     | 12     | 0.3       | 3       | 1.07  | 91.9      | 62.4738 | 55.5766 |
| 2009 | 6     | 11  | 16   | 10     | 12     | 0.3       | 3       | 1.07  | 91.8      | 62.4081 | 55.662  |
| 2009 | 6     | 11  | 16   | 25     | 12     | 0.3       | 3       | 1.08  | 92.4      | 62.3425 | 56.0342 |
| 2009 | 6     | 11  | 16   | 40     | 12     | 0.3       | 3       | 1.07  | 90.7      | 62.3425 | 55.6035 |
| 2009 | 6     | 11  | 16   | 55     | 12     | 0.3       | 3       | 1.08  | 92.3      | 62.2769 | 56.1187 |
| 2009 | 6     | 11  | 17   | 10     | 12     | 0.3       | 3       | 1.08  | 92.1      | 62.2113 | 55.9163 |
| 2009 | 6     | 11  | 17   | 25     | 12     | 0.3       | 3       | 1.07  | 92.8      | 62.2113 | 55.4864 |
| 2009 | 6     | 11  | 17   | 40     | 12     | 0.3       | 3       | 1.05  | 92.5      | 62.2113 | 54.4835 |
| 2009 | 6     | 11  | 17   | 55     | 12     | 0.3       | 3       | 1.07  | 93.2      | 62.1457 | 55.4279 |
| 2009 | 6     | 11  | 18   | 10     | 12     | 0.3       | 3       | 1.04  | 91.6      | 62.1457 | 54.1397 |
| 2009 | 6     | 11  | 18   | 25     | 12     | 0.3       | 3       | 1.07  | 93.2      | 62.0801 | 55.3694 |
| 2009 | 6     | 11  | 18   | 40     | 12     | 0.3       | 3       | 1.07  | 91.4      | 62.0801 | 55.3694 |
| 2009 | 6     | 11  | 18   | 55     | 12     | 0.3       | 3       | 1.04  | 90.7      | 62.0144 | 54.0254 |
| 2009 | 6     | 11  | 19   | 10     | 12     | 0.3       | 3       | 1.06  | 91.6      | 62.0144 | 54.7395 |
| 2009 | 6     | 11  | 19   | 25     | 12     | 0.3       | 3       | 1.06  | 93.9      | 62.0144 | 54.5967 |
| 2009 | 6     | 11  | 19   | 40     | 12     | 0.3       | 3       | 1.05  | 93.2      | 62.0144 | 54.4539 |
| 2009 | 6     | 11  | 19   | 55     | 12     | 0.3       | 3       | 1.06  | 91.2      | 62.0144 | 55.0252 |
| 2009 | 6     | 11  | 20   | 10     | 12     | 0.3       | 2.6     | 1.02  | 90.2      | 61.9488 | 52.9695 |
| 2009 | 6     | 11  | 20   | 25     | 12     | 0.3       | 2.6     | 1.05  | 90.5      | 61.9488 | 54.3963 |
| 2009 | 6     | 11  | 20   | 40     | 12     | 0.3       | 2.6     | 1.05  | 91.6      | 61.9488 | 54.3963 |
| 2009 | 6     | 11  | 20   | 55     | 12     | 0.3       | 2.6     | 1.02  | 92.2      | 61.8832 | 53.0559 |
| 2009 | 6     | 11  | 21   | 10     | 12     | 0.3       | 2.6     | 1.05  | 91.8      | 61.8832 | 54.1961 |
| 2009 | 6     | 11  | 21   | 25     | 12     | 0.3       | 2.6     | 1.03  | 91.8      | 61.8176 | 53.4268 |
| 2009 | 6     | 11  | 21   | 40     | 12     | 0.3       | 2.6     | 1.05  | 90.7      | 61.8176 | 54.1387 |
| 2009 | 6     | 11  | 21   | 55     | 12     | 0.3       | 2.6     | 1.04  | 90.2      | 61.6864 | 53.5975 |
| 2009 | 6     | 11  | 22   | 10     | 12     | 0.3       | 2.6     | 1.02  | 90.6      | 61.6207 | 52.689  |
| 2009 | 6     | 11  | 22   | 25     | 12     | 0.3       | 2.6     | 1.01  | 92.6      | 61.6207 | 52.547  |
| 2009 | 6     | 11  | 22   | 40     | 12     | 0.3       | 2.6     | 1.02  | 90.4      | 61.5551 | 52.9164 |
| 2009 | 6     | 11  | 22   | 55     | 12     | 0.3       | 2.6     | 1.03  | 91.5      | 61.4895 | 53.1432 |
| 2009 | 6     | 11  | 23   | 10     | 12     | 0.3       | 2.6     | 1.03  | 92.6      | 61.4895 | 53.1432 |
| 2009 | 6     | 11  | 23   | 25     | 12     | 0.3       | 2.6     | 1.02  | 91.7      | 61.4239 | 52.8036 |
| 2009 | 6     | 11  | 23   | 40     | 12     | 0.3       | 2.6     | 1     | 90.8      | 61.4239 | 51.8133 |
| 2009 | 6     | 11  | 23   | 55     | 12     | 0.3       | 2.6     | 0.99  | 92.1      | 61.3583 | 51.4753 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 12  | 0    | 10     | 12     | 0.3       | 2.6     | 1     | 90.6      | 61.3583 | 51.6166 |
| 2009 | 6     | 12  | 0    | 25     | 12     | 0.3       | 2.6     | 1.03  | 91.6      | 61.2927 | 52.9731 |
| 2009 | 6     | 12  | 0    | 40     | 12     | 0.3       | 2.6     | 0.97  | 91.2      | 61.2927 | 50.4321 |
| 2009 | 6     | 12  | 0    | 55     | 12     | 0.3       | 2.6     | 1     | 90.8      | 61.2927 | 51.5614 |
| 2009 | 6     | 12  | 1    | 10     | 12     | 0.3       | 2.6     | 1.01  | 92.8      | 61.227  | 52.0703 |
| 2009 | 6     | 12  | 1    | 25     | 12     | 0.3       | 2.6     | 1.02  | 91.1      | 61.227  | 52.6344 |
| 2009 | 6     | 12  | 1    | 40     | 12     | 0.3       | 2.6     | 1.01  | 92.1      | 61.227  | 51.9293 |
| 2009 | 6     | 12  | 1    | 55     | 12     | 0.3       | 2.6     | 1.06  | 91.6      | 61.1614 | 54.1275 |
| 2009 | 6     | 12  | 2    | 10     | 12     | 0.3       | 2.6     | 1.01  | 91.3      | 61.1614 | 52.0145 |
| 2009 | 6     | 12  | 2    | 25     | 12     | 0.3       | 2.6     | 1.01  | 91.7      | 61.1614 | 52.0145 |
| 2009 | 6     | 12  | 2    | 40     | 12     | 0.3       | 2.6     | 0.98  | 91        | 61.1614 | 50.6059 |
| 2009 | 6     | 12  | 2    | 55     | 12     | 0.3       | 2.6     | 1     | 91.3      | 61.0958 | 51.5366 |
| 2009 | 6     | 12  | 3    | 10     | 12     | 0.3       | 2.6     | 1     | 91.1      | 61.0958 | 51.6773 |
| 2009 | 6     | 12  | 3    | 25     | 12     | 0.3       | 2.6     | 0.97  | 91.5      | 61.0958 | 50.4109 |
| 2009 | 6     | 12  | 3    | 40     | 12     | 0.3       | 2.6     | 1     | 90.8      | 61.0302 | 51.3406 |
| 2009 | 6     | 12  | 3    | 55     | 12     | 0.3       | 2.6     | 0.96  | 91.6      | 61.0302 | 49.6539 |
| 2009 | 6     | 12  | 4    | 10     | 12     | 0.3       | 2.6     | 1     | 91.7      | 61.0302 | 51.4812 |
| 2009 | 6     | 12  | 4    | 25     | 12     | 0.3       | 2.6     | 0.96  | 91.4      | 61.0302 | 49.7945 |
| 2009 | 6     | 12  | 4    | 40     | 12     | 0.3       | 2.6     | 0.99  | 92.5      | 60.9646 | 50.8642 |
| 2009 | 6     | 12  | 4    | 55     | 12     | 0.3       | 2.6     | 1     | 90.9      | 60.9646 | 51.4259 |
| 2009 | 6     | 12  | 5    | 10     | 12     | 0.3       | 2.6     | 0.97  | 90.8      | 60.899  | 50.2484 |
| 2009 | 6     | 12  | 5    | 25     | 12     | 0.3       | 2.6     | 0.95  | 92.2      | 60.899  | 49.2666 |
| 2009 | 6     | 12  | 5    | 40     | 12     | 0.3       | 2.6     | 1.01  | 91.7      | 60.8333 | 51.8756 |
| 2009 | 6     | 12  | 5    | 55     | 12     | 0.3       | 2.6     | 0.98  | 91.5      | 60.8333 | 50.4745 |
| 2009 | 6     | 12  | 6    | 10     | 12     | 0.3       | 2.6     | 0.99  | 90.4      | 60.8333 | 51.0349 |
| 2009 | 6     | 12  | 6    | 25     | 12     | 0.3       | 2.6     | 0.98  | 91.9      | 60.7677 | 50.2801 |
| 2009 | 6     | 12  | 6    | 40     | 12     | 0.3       | 2.6     | 0.97  | 93.1      | 60.7021 | 49.8064 |
| 2009 | 6     | 12  | 6    | 55     | 12     | 0.3       | 2.6     | 0.98  | 90.8      | 60.6365 | 50.3112 |
| 2009 | 6     | 12  | 7    | 10     | 12     | 0.3       | 2.6     | 0.98  | 91.7      | 60.5053 | 50.0629 |
| 2009 | 6     | 12  | 7    | 25     | 12     | 0.3       | 2.6     | 1.02  | 91.8      | 60.4396 | 51.8183 |
| 2009 | 6     | 12  | 7    | 40     | 12     | 0.3       | 2.6     | 0.99  | 91.3      | 60.4396 | 50.7047 |
| 2009 | 6     | 12  | 7    | 55     | 12     | 0.3       | 2.6     | 1.03  | 92        | 60.4396 | 52.0967 |
| 2009 | 6     | 12  | 8    | 10     | 12     | 0.3       | 2.6     | 1.01  | 92.2      | 60.374  | 51.3449 |
| 2009 | 6     | 12  | 8    | 25     | 12     | 0.3       | 2.6     | 1     | 90        | 60.374  | 50.7887 |
| 2009 | 6     | 12  | 8    | 40     | 12     | 0.3       | 2.6     | 1     | 92.6      | 60.3084 | 50.5946 |
| 2009 | 6     | 12  | 8    | 55     | 12     | 0.3       | 2.6     | 0.98  | 92.1      | 60.3084 | 49.7612 |
| 2009 | 6     | 12  | 9    | 10     | 12     | 0.3       | 2.6     | 1.02  | 93.5      | 60.3084 | 51.5669 |
| 2009 | 6     | 12  | 9    | 25     | 12     | 0.3       | 2.6     | 0.98  | 92.7      | 60.3084 | 49.7612 |
| 2009 | 6     | 12  | 9    | 40     | 12     | 0.3       | 2.6     | 0.94  | 91.6      | 60.2428 | 48.3195 |
| 2009 | 6     | 12  | 9    | 55     | 12     | 0.3       | 2.6     | 1.03  | 93.9      | 60.2428 | 51.7882 |
| 2009 | 6     | 12  | 10   | 10     | 12     | 0.3       | 2.6     | 1     | 92.6      | 60.2428 | 50.817  |
| 2009 | 6     | 12  | 10   | 25     | 12     | 0.3       | 2.6     | 1.01  | 91.1      | 60.1772 | 51.0388 |
| 2009 | 6     | 12  | 10   | 40     | 12     | 0.3       | 2.6     | 1.03  | 91.6      | 60.1116 | 51.9523 |
| 2009 | 6     | 12  | 10   | 55     | 12     | 0.3       | 2.6     | 0.99  | 91.7      | 60.0459 | 50.2361 |
| 2009 | 6     | 12  | 11   | 10     | 12     | 0.3       | 2.6     | 0.99  | 92.5      | 59.9803 | 50.043  |
| 2009 | 6     | 12  | 11   | 25     | 12     | 0.3       | 2.6     | 1.04  | 91.3      | 59.9147 | 52.0582 |
| 2009 | 6     | 12  | 11   | 40     | 12     | 0.3       | 2.6     | 1.07  | 91.8      | 59.9147 | 53.4381 |
| 2009 | 6     | 12  | 11   | 55     | 12     | 0.3       | 2.6     | 1.02  | 92.6      | 59.7835 | 51.3934 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 12  | 12   | 10     | 12     | 0.3       | 2.6     | 1.01  | 93.5      | 59.7835 | 50.7049 |
| 2009 | 6     | 12  | 12   | 25     | 12     | 0.3       | 2.6     | 0.99  | 92.3      | 59.7178 | 50.0991 |
| 2009 | 6     | 12  | 12   | 40     | 12     | 0.3       | 2.6     | 0.94  | 91.8      | 59.6522 | 47.8459 |
| 2009 | 6     | 12  | 12   | 55     | 12     | 0.3       | 2.6     | 1     | 92.3      | 59.6522 | 50.3189 |
| 2009 | 6     | 12  | 13   | 10     | 12     | 0.3       | 2.6     | 1.04  | 92        | 59.6522 | 52.1049 |
| 2009 | 6     | 12  | 13   | 25     | 12     | 0.3       | 2.6     | 1     | 91.7      | 59.5866 | 50.2635 |
| 2009 | 6     | 12  | 13   | 40     | 12     | 0.3       | 2.6     | 0.99  | 90.8      | 59.5866 | 49.8518 |
| 2009 | 6     | 12  | 13   | 55     | 12     | 0.3       | 2.6     | 1.01  | 91.7      | 59.521  | 50.4823 |
| 2009 | 6     | 12  | 14   | 10     | 12     | 0.3       | 2.6     | 1.03  | 92.4      | 59.4554 | 51.3852 |
| 2009 | 6     | 12  | 14   | 25     | 12     | 0.3       | 2.6     | 0.99  | 91.3      | 59.4554 | 49.6051 |
| 2009 | 6     | 12  | 14   | 40     | 12     | 0.3       | 2.6     | 0.98  | 91.5      | 59.3898 | 49.14   |
| 2009 | 6     | 12  | 14   | 55     | 12     | 0.3       | 2.6     | 1.02  | 92.4      | 59.2585 | 50.8056 |
| 2009 | 6     | 12  | 15   | 10     | 12     | 0.3       | 2.6     | 0.98  | 91        | 59.2585 | 49.1679 |
| 2009 | 6     | 12  | 15   | 25     | 12     | 0.3       | 2.6     | 1     | 90.9      | 59.1929 | 49.7951 |
| 2009 | 6     | 12  | 15   | 40     | 12     | 0.3       | 2.6     | 1.02  | 93.1      | 59.1929 | 50.7494 |
| 2009 | 6     | 12  | 15   | 55     | 12     | 0.3       | 2.6     | 1.01  | 91.1      | 59.1273 | 50.1484 |
| 2009 | 6     | 12  | 16   | 10     | 12     | 0.3       | 2.6     | 0.98  | 91.9      | 59.0617 | 48.8685 |
| 2009 | 6     | 12  | 16   | 25     | 12     | 0.3       | 2.6     | 1     | 91.5      | 59.0617 | 49.8207 |
| 2009 | 6     | 12  | 16   | 40     | 12     | 0.3       | 2.6     | 1     | 91.7      | 58.9961 | 49.9012 |
| 2009 | 6     | 12  | 16   | 55     | 12     | 0.3       | 2.6     | 0.99  | 92.1      | 58.9961 | 49.3577 |
| 2009 | 6     | 12  | 17   | 10     | 12     | 0.3       | 2.6     | 1.03  | 92.2      | 58.9305 | 50.9315 |
| 2009 | 6     | 12  | 17   | 25     | 12     | 0.3       | 2.6     | 0.97  | 92.9      | 58.9305 | 48.4885 |
| 2009 | 6     | 12  | 17   | 40     | 12     | 0.3       | 2.6     | 0.97  | 92.3      | 58.8648 | 48.1633 |
| 2009 | 6     | 12  | 17   | 55     | 12     | 0.3       | 2.6     | 0.96  | 93.7      | 58.8648 | 48.0278 |
| 2009 | 6     | 12  | 18   | 10     | 12     | 0.3       | 2.6     | 0.99  | 92.1      | 58.7992 | 49.0576 |
| 2009 | 6     | 12  | 18   | 25     | 12     | 0.3       | 2.6     | 1     | 92.6      | 58.7992 | 49.7347 |
| 2009 | 6     | 12  | 18   | 40     | 12     | 0.3       | 2.6     | 0.98  | 91.9      | 58.668  | 48.813  |
| 2009 | 6     | 12  | 18   | 55     | 12     | 0.3       | 2.6     | 0.99  | 91.9      | 58.668  | 48.9481 |
| 2009 | 6     | 12  | 19   | 10     | 12     | 0.3       | 2.6     | 0.98  | 91.9      | 58.6024 | 48.6234 |
| 2009 | 6     | 12  | 19   | 25     | 12     | 0.3       | 2.6     | 0.96  | 92.6      | 58.668  | 47.5969 |
| 2009 | 6     | 12  | 19   | 40     | 12     | 0.3       | 2.6     | 1.01  | 92.8      | 58.6024 | 49.7032 |
| 2009 | 6     | 12  | 19   | 55     | 12     | 0.3       | 2.6     | 1     | 92.6      | 58.6024 | 49.4333 |
| 2009 | 6     | 12  | 20   | 10     | 12     | 0.3       | 2.6     | 0.98  | 92.7      | 58.6024 | 48.6234 |
| 2009 | 6     | 12  | 20   | 25     | 12     | 0.3       | 2.6     | 0.94  | 93.6      | 58.5368 | 46.8163 |
| 2009 | 6     | 12  | 20   | 40     | 12     | 0.3       | 2.6     | 0.99  | 92.8      | 58.4711 | 48.9185 |
| 2009 | 6     | 12  | 20   | 55     | 12     | 0.3       | 2.6     | 0.96  | 92.9      | 58.4055 | 47.5185 |
| 2009 | 6     | 12  | 21   | 10     | 12     | 0.3       | 2.6     | 0.98  | 93.1      | 58.3399 | 48.2713 |
| 2009 | 6     | 12  | 21   | 25     | 12     | 0.3       | 2.6     | 0.96  | 92.6      | 58.4055 | 47.384  |
| 2009 | 6     | 12  | 21   | 40     | 12     | 0.3       | 2.6     | 1     | 93.4      | 58.2743 | 48.8881 |
| 2009 | 6     | 12  | 21   | 55     | 12     | 0.3       | 2.6     | 1.01  | 94.1      | 58.2743 | 49.4249 |
| 2009 | 6     | 12  | 22   | 10     | 12     | 0.3       | 2.6     | 0.98  | 89.2      | 58.2087 | 48.2968 |
| 2009 | 6     | 12  | 22   | 25     | 12     | 0.3       | 2.6     | 0.95  | 92.2      | 58.2087 | 46.9561 |
| 2009 | 6     | 12  | 22   | 40     | 12     | 0.3       | 2.6     | 0.99  | 93.4      | 58.2087 | 48.4308 |
| 2009 | 6     | 12  | 22   | 55     | 12     | 0.3       | 2.6     | 0.95  | 92        | 58.1431 | 47.0371 |
| 2009 | 6     | 12  | 23   | 10     | 12     | 0.3       | 2.6     | 0.93  | 91        | 58.1431 | 46.2336 |
| 2009 | 6     | 12  | 23   | 25     | 12     | 0.3       | 2.6     | 0.92  | 91.8      | 58.0774 | 45.5127 |
| 2009 | 6     | 12  | 23   | 40     | 12     | 0.3       | 2.6     | 0.97  | 90.8      | 58.0774 | 47.9204 |
| 2009 | 6     | 12  | 23   | 55     | 12     | 0.3       | 2.6     | 0.93  | 91.8      | 58.0774 | 45.9139 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 13  | 0    | 10     | 12     | 0.3       | 2.6     | 0.93  | 92.6      | 58.0118 | 46.1293 |
| 2009 | 6     | 13  | 0    | 25     | 12     | 0.3       | 2.6     | 0.95  | 91        | 58.0118 | 46.931  |
| 2009 | 6     | 13  | 0    | 40     | 12     | 0.3       | 2.6     | 0.9   | 92.9      | 58.0118 | 44.6596 |
| 2009 | 6     | 13  | 0    | 55     | 12     | 0.3       | 2.6     | 0.91  | 91.7      | 58.0118 | 45.0604 |
| 2009 | 6     | 13  | 1    | 10     | 12     | 0.3       | 2.6     | 0.91  | 92.3      | 57.9462 | 45.2764 |
| 2009 | 6     | 13  | 1    | 25     | 12     | 0.3       | 2.6     | 0.93  | 92.6      | 57.9462 | 46.0771 |
| 2009 | 6     | 13  | 1    | 40     | 12     | 0.3       | 2.6     | 0.96  | 92.2      | 57.9462 | 47.0113 |
| 2009 | 6     | 13  | 1    | 55     | 12     | 0.3       | 2.6     | 0.95  | 93        | 57.9462 | 46.8779 |
| 2009 | 6     | 13  | 2    | 10     | 12     | 0.3       | 2.6     | 0.93  | 91.4      | 57.9462 | 45.8102 |
| 2009 | 6     | 13  | 2    | 25     | 12     | 0.3       | 2.6     | 0.94  | 92.2      | 57.8806 | 46.4249 |
| 2009 | 6     | 13  | 2    | 40     | 12     | 0.3       | 2.6     | 0.9   | 90.6      | 57.8806 | 44.6919 |
| 2009 | 6     | 13  | 2    | 55     | 12     | 0.3       | 2.6     | 0.91  | 91.7      | 57.8806 | 44.9585 |
| 2009 | 6     | 13  | 3    | 10     | 12     | 0.3       | 2.6     | 0.92  | 91.8      | 57.815  | 45.4401 |
| 2009 | 6     | 13  | 3    | 25     | 12     | 0.3       | 2.6     | 0.94  | 91.4      | 57.815  | 46.1059 |
| 2009 | 6     | 13  | 3    | 40     | 12     | 0.3       | 2.6     | 0.92  | 90.6      | 57.815  | 45.5733 |
| 2009 | 6     | 13  | 3    | 55     | 12     | 0.3       | 2.6     | 0.94  | 91.2      | 57.815  | 46.3722 |
| 2009 | 6     | 13  | 4    | 10     | 12     | 0.3       | 2.6     | 0.91  | 91.7      | 57.7494 | 44.8565 |
| 2009 | 6     | 13  | 4    | 25     | 12     | 0.3       | 2.6     | 0.91  | 92.7      | 57.7494 | 44.9896 |
| 2009 | 6     | 13  | 4    | 40     | 12     | 0.3       | 2.6     | 0.92  | 92.7      | 57.7494 | 45.3886 |
| 2009 | 6     | 13  | 4    | 55     | 12     | 0.3       | 2.6     | 0.91  | 91.2      | 57.7494 | 44.9896 |
| 2009 | 6     | 13  | 5    | 10     | 12     | 0.3       | 2.6     | 0.93  | 91.6      | 57.6837 | 45.8684 |
| 2009 | 6     | 13  | 5    | 25     | 12     | 0.3       | 2.6     | 0.92  | 92.9      | 57.6837 | 45.2041 |
| 2009 | 6     | 13  | 5    | 40     | 12     | 0.3       | 2.6     | 0.92  | 91.8      | 57.6837 | 45.2041 |
| 2009 | 6     | 13  | 5    | 55     | 12     | 0.3       | 2.6     | 0.91  | 92.9      | 57.6181 | 44.7546 |
| 2009 | 6     | 13  | 6    | 10     | 12     | 0.3       | 2.6     | 0.88  | 91.3      | 57.6181 | 43.8257 |
| 2009 | 6     | 13  | 6    | 25     | 12     | 0.3       | 2.6     | 0.91  | 90        | 57.5525 | 44.8362 |
| 2009 | 6     | 13  | 6    | 40     | 12     | 0.3       | 2.6     | 0.92  | 91.2      | 57.4869 | 45.1823 |
| 2009 | 6     | 13  | 6    | 55     | 12     | 0.3       | 2.6     | 0.91  | 91.9      | 57.4869 | 44.9175 |
| 2009 | 6     | 13  | 7    | 10     | 12     | 0.3       | 2.6     | 0.93  | 91.8      | 57.4213 | 45.5275 |
| 2009 | 6     | 13  | 7    | 25     | 12     | 0.3       | 2.6     | 0.93  | 91.2      | 57.4213 | 45.5275 |
| 2009 | 6     | 13  | 7    | 40     | 12     | 0.3       | 2.6     | 0.92  | 92        | 57.3556 | 45.2112 |
| 2009 | 6     | 13  | 7    | 55     | 12     | 0.3       | 2.6     | 0.93  | 92.2      | 57.29   | 45.2915 |
| 2009 | 6     | 13  | 8    | 10     | 12     | 0.3       | 2.6     | 0.93  | 92.8      | 57.29   | 45.5553 |
| 2009 | 6     | 13  | 8    | 25     | 12     | 0.3       | 2.6     | 0.93  | 91.4      | 57.29   | 45.5553 |
| 2009 | 6     | 13  | 8    | 40     | 12     | 0.3       | 2.6     | 0.88  | 91.9      | 57.2244 | 43.5262 |
| 2009 | 6     | 13  | 8    | 55     | 12     | 0.3       | 2.6     | 0.88  | 92.6      | 57.2244 | 43.5262 |
| 2009 | 6     | 13  | 9    | 10     | 12     | 0.3       | 2.6     | 0.92  | 90.2      | 57.2244 | 44.8442 |
| 2009 | 6     | 13  | 9    | 25     | 12     | 0.3       | 2.6     | 0.91  | 92.9      | 57.2244 | 44.5806 |
| 2009 | 6     | 13  | 9    | 40     | 12     | 0.3       | 2.6     | 0.92  | 90.4      | 57.2244 | 45.1078 |
| 2009 | 6     | 13  | 9    | 55     | 12     | 0.3       | 2.6     | 0.92  | 93.3      | 57.1588 | 44.7928 |
| 2009 | 6     | 13  | 10   | 10     | 12     | 0.3       | 2.6     | 0.94  | 93.2      | 57.1588 | 45.5826 |
| 2009 | 6     | 13  | 10   | 25     | 12     | 0.3       | 2.6     | 0.89  | 91.5      | 57.1588 | 43.608  |
| 2009 | 6     | 13  | 10   | 40     | 12     | 0.3       | 2.6     | 0.93  | 92.6      | 57.1588 | 45.451  |
| 2009 | 6     | 13  | 10   | 55     | 12     | 0.3       | 2.6     | 0.88  | 91.1      | 57.1588 | 43.3447 |
| 2009 | 6     | 13  | 11   | 10     | 12     | 0.3       | 2.6     | 0.88  | 91.3      | 57.1588 | 43.4763 |
| 2009 | 6     | 13  | 11   | 25     | 12     | 0.3       | 2.6     | 0.94  | 94        | 57.0932 | 45.6618 |
| 2009 | 6     | 13  | 11   | 40     | 12     | 0.3       | 2.6     | 0.92  | 91.8      | 57.0932 | 44.8728 |
| 2009 | 6     | 13  | 11   | 55     | 12     | 0.3       | 2.6     | 0.93  | 93        | 57.0276 | 45.084  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 13  | 12   | 10     | 12     | 0.3       | 2.6     | 0.92  | 91.8      | 57.0276 | 44.9526 |
| 2009 | 6     | 13  | 12   | 25     | 12     | 0.3       | 2.6     | 0.91  | 91.4      | 57.0276 | 44.5586 |
| 2009 | 6     | 13  | 12   | 40     | 12     | 0.3       | 2.6     | 0.92  | 92.9      | 57.0276 | 44.9526 |
| 2009 | 6     | 13  | 12   | 55     | 12     | 0.3       | 2.6     | 0.91  | 93.3      | 56.9619 | 44.2449 |
| 2009 | 6     | 13  | 13   | 10     | 12     | 0.3       | 2.6     | 0.95  | 93.4      | 56.8307 | 45.9754 |
| 2009 | 6     | 13  | 13   | 25     | 12     | 0.3       | 2.6     | 0.94  | 91.8      | 56.7651 | 45.3994 |
| 2009 | 6     | 13  | 13   | 40     | 12     | 0.3       | 2.6     | 0.96  | 92.6      | 56.7651 | 46.0531 |
| 2009 | 6     | 13  | 13   | 55     | 12     | 0.3       | 2.6     | 0.93  | 93.6      | 56.8307 | 45.0592 |
| 2009 | 6     | 13  | 14   | 10     | 12     | 0.3       | 2.6     | 0.96  | 93        | 56.7651 | 46.0531 |
| 2009 | 6     | 13  | 14   | 25     | 12     | 0.3       | 2.6     | 0.95  | 92.2      | 56.6995 | 45.8693 |
| 2009 | 6     | 13  | 14   | 40     | 12     | 0.3       | 2.6     | 0.9   | 90.6      | 56.6995 | 43.6493 |
| 2009 | 6     | 13  | 14   | 55     | 12     | 0.3       | 2.6     | 0.97  | 92.7      | 56.6995 | 46.6528 |
| 2009 | 6     | 13  | 15   | 10     | 12     | 0.3       | 2.6     | 0.91  | 90.8      | 56.5682 | 44.1997 |
| 2009 | 6     | 13  | 15   | 25     | 12     | 0.3       | 2.6     | 0.93  | 92.6      | 56.5026 | 44.7991 |
| 2009 | 6     | 13  | 15   | 40     | 12     | 0.3       | 2.6     | 0.92  | 92.1      | 56.5682 | 44.33   |
| 2009 | 6     | 13  | 15   | 55     | 12     | 0.3       | 2.6     | 0.96  | 93.5      | 56.5026 | 45.9703 |
| 2009 | 6     | 13  | 16   | 10     | 12     | 0.3       | 2.6     | 0.93  | 92.4      | 56.5026 | 44.9292 |
| 2009 | 6     | 13  | 16   | 25     | 12     | 0.3       | 2.6     | 0.92  | 92.9      | 56.5026 | 44.5388 |
| 2009 | 6     | 13  | 16   | 40     | 12     | 0.3       | 2.6     | 0.98  | 92.3      | 56.437  | 46.6968 |
| 2009 | 6     | 13  | 16   | 55     | 12     | 0.3       | 2.6     | 0.92  | 92        | 56.437  | 44.4871 |
| 2009 | 6     | 13  | 17   | 10     | 12     | 0.3       | 2.6     | 0.95  | 92.8      | 56.5026 | 45.4498 |
| 2009 | 6     | 13  | 17   | 25     | 12     | 0.3       | 2.6     | 0.95  | 90.8      | 56.3714 | 45.474  |
| 2009 | 6     | 13  | 17   | 40     | 12     | 0.3       | 2.6     | 0.93  | 92.8      | 56.3714 | 44.8249 |
| 2009 | 6     | 13  | 17   | 55     | 12     | 0.3       | 2.6     | 0.96  | 92.2      | 56.3058 | 45.9398 |
| 2009 | 6     | 13  | 18   | 10     | 12     | 0.3       | 2.6     | 0.94  | 92        | 56.3714 | 45.0845 |
| 2009 | 6     | 13  | 18   | 25     | 12     | 0.3       | 2.6     | 0.89  | 93.8      | 56.437  | 43.0573 |
| 2009 | 6     | 13  | 18   | 40     | 12     | 0.3       | 2.6     | 0.91  | 91.2      | 56.3714 | 43.9161 |
| 2009 | 6     | 13  | 18   | 55     | 12     | 0.3       | 2.6     | 0.95  | 92.2      | 56.3714 | 45.474  |
| 2009 | 6     | 13  | 19   | 10     | 12     | 0.3       | 2.6     | 0.88  | 90.4      | 56.3058 | 42.8275 |
| 2009 | 6     | 13  | 19   | 25     | 12     | 0.3       | 2.6     | 0.88  | 90.6      | 56.3058 | 42.5681 |
| 2009 | 6     | 13  | 19   | 40     | 12     | 0.3       | 2.6     | 0.93  | 90.8      | 56.2402 | 44.4615 |
| 2009 | 6     | 13  | 19   | 55     | 12     | 0.3       | 2.6     | 0.93  | 90.8      | 56.1745 | 44.539  |
| 2009 | 6     | 13  | 20   | 10     | 12     | 0.3       | 2.6     | 0.87  | 91.5      | 56.1089 | 42.0316 |
| 2009 | 6     | 13  | 20   | 25     | 12     | 0.3       | 2.6     | 0.88  | 91.1      | 56.1089 | 42.6778 |
| 2009 | 6     | 13  | 20   | 40     | 12     | 0.3       | 2.6     | 0.88  | 91.5      | 56.1089 | 42.5485 |
| 2009 | 6     | 13  | 20   | 55     | 12     | 0.3       | 2.6     | 0.89  | 90        | 56.0433 | 42.7569 |
| 2009 | 6     | 13  | 21   | 10     | 12     | 0.3       | 2.6     | 0.88  | 89.6      | 56.0433 | 42.4988 |
| 2009 | 6     | 13  | 21   | 25     | 12     | 0.3       | 2.6     | 0.89  | 89.8      | 56.0433 | 43.0151 |
| 2009 | 6     | 13  | 21   | 40     | 12     | 0.3       | 2.6     | 0.88  | 90.9      | 55.9777 | 42.5779 |
| 2009 | 6     | 13  | 21   | 55     | 12     | 0.3       | 2.6     | 0.89  | 91.1      | 55.9777 | 42.8358 |
| 2009 | 6     | 13  | 22   | 10     | 12     | 0.3       | 2.6     | 0.86  | 90        | 55.9777 | 41.6755 |
| 2009 | 6     | 13  | 22   | 25     | 12     | 0.3       | 2.6     | 0.89  | 91.5      | 55.9777 | 42.8358 |
| 2009 | 6     | 13  | 22   | 40     | 12     | 0.3       | 2.6     | 0.89  | 91.3      | 55.9121 | 42.6568 |
| 2009 | 6     | 13  | 22   | 55     | 12     | 0.3       | 2.6     | 0.9   | 89.2      | 55.9121 | 43.0431 |
| 2009 | 6     | 13  | 23   | 10     | 12     | 0.3       | 2.6     | 0.86  | 90.2      | 55.9121 | 41.7554 |
| 2009 | 6     | 13  | 23   | 25     | 12     | 0.3       | 2.6     | 0.88  | 91.1      | 55.9121 | 42.528  |
| 2009 | 6     | 13  | 23   | 40     | 12     | 0.3       | 2.6     | 0.91  | 92.9      | 55.9121 | 43.4295 |
| 2009 | 6     | 13  | 23   | 55     | 12     | 0.3       | 2.6     | 0.85  | 90.2      | 55.8465 | 41.0633 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 14  | 0    | 10     | 12     | 0.3       | 2.6     | 0.87  | 91.1      | 55.8465 | 41.9636 |
| 2009 | 6     | 14  | 0    | 25     | 12     | 0.3       | 2.6     | 0.9   | 90.2      | 55.8465 | 43.2499 |
| 2009 | 6     | 14  | 0    | 40     | 12     | 0.3       | 2.6     | 0.87  | 91.1      | 55.8465 | 41.9636 |
| 2009 | 6     | 14  | 0    | 55     | 12     | 0.3       | 2.6     | 0.89  | 91.5      | 55.8465 | 42.6067 |
| 2009 | 6     | 14  | 1    | 10     | 12     | 0.3       | 2.6     | 0.87  | 91.1      | 55.8465 | 41.9636 |
| 2009 | 6     | 14  | 1    | 25     | 12     | 0.3       | 2.6     | 0.89  | 91.3      | 55.7808 | 42.6852 |
| 2009 | 6     | 14  | 1    | 40     | 12     | 0.3       | 2.6     | 0.9   | 91        | 55.7808 | 43.199  |
| 2009 | 6     | 14  | 1    | 55     | 12     | 0.3       | 2.6     | 0.87  | 90.7      | 55.7808 | 41.7859 |
| 2009 | 6     | 14  | 2    | 10     | 12     | 0.3       | 2.6     | 0.89  | 92.1      | 55.7808 | 42.8136 |
| 2009 | 6     | 14  | 2    | 25     | 12     | 0.3       | 2.6     | 0.88  | 90.2      | 55.7808 | 42.4282 |
| 2009 | 6     | 14  | 2    | 40     | 12     | 0.3       | 2.6     | 0.89  | 90.8      | 55.7808 | 42.5567 |
| 2009 | 6     | 14  | 2    | 55     | 12     | 0.3       | 2.6     | 0.87  | 90.2      | 55.7808 | 42.0428 |
| 2009 | 6     | 14  | 3    | 10     | 12     | 0.3       | 2.6     | 0.89  | 91.1      | 55.7808 | 42.8136 |
| 2009 | 6     | 14  | 3    | 25     | 12     | 0.3       | 2.6     | 0.9   | 91.9      | 55.7152 | 43.1482 |
| 2009 | 6     | 14  | 3    | 40     | 12     | 0.3       | 2.6     | 0.86  | 90        | 55.7152 | 41.4801 |
| 2009 | 6     | 14  | 3    | 55     | 12     | 0.3       | 2.6     | 0.89  | 91.5      | 55.7152 | 42.7633 |
| 2009 | 6     | 14  | 4    | 10     | 12     | 0.3       | 2.6     | 0.87  | 91.1      | 55.7152 | 41.9933 |
| 2009 | 6     | 14  | 4    | 25     | 12     | 0.3       | 2.6     | 0.89  | 90.6      | 55.7152 | 42.7633 |
| 2009 | 6     | 14  | 4    | 40     | 12     | 0.3       | 2.6     | 0.88  | 91.9      | 55.7152 | 42.25   |
| 2009 | 6     | 14  | 4    | 55     | 12     | 0.3       | 2.6     | 0.9   | 91        | 55.7152 | 42.8916 |
| 2009 | 6     | 14  | 5    | 10     | 12     | 0.3       | 2.6     | 0.9   | 92.3      | 55.7152 | 43.0199 |
| 2009 | 6     | 14  | 5    | 25     | 12     | 0.3       | 2.6     | 0.91  | 92.7      | 55.7152 | 43.4049 |
| 2009 | 6     | 14  | 5    | 40     | 12     | 0.3       | 2.6     | 0.91  | 93.7      | 55.6496 | 43.3538 |
| 2009 | 6     | 14  | 5    | 55     | 12     | 0.3       | 2.6     | 0.88  | 93.8      | 55.6496 | 42.2002 |
| 2009 | 6     | 14  | 6    | 10     | 12     | 0.3       | 2.6     | 0.88  | 93.6      | 55.6496 | 42.2002 |
| 2009 | 6     | 14  | 6    | 25     | 12     | 0.3       | 2.6     | 0.87  | 92.8      | 55.6496 | 41.6875 |
| 2009 | 6     | 14  | 6    | 40     | 12     | 0.3       | 2.6     | 0.84  | 92        | 55.6496 | 40.7904 |
| 2009 | 6     | 14  | 6    | 55     | 12     | 0.3       | 2.6     | 0.88  | 91.5      | 55.6496 | 42.2002 |
| 2009 | 6     | 14  | 7    | 10     | 12     | 0.3       | 2.6     | 0.86  | 93.7      | 55.6496 | 41.5594 |
| 2009 | 6     | 14  | 7    | 25     | 12     | 0.3       | 2.6     | 0.87  | 93        | 55.6496 | 41.9439 |
| 2009 | 6     | 14  | 7    | 40     | 12     | 0.3       | 2.6     | 0.86  | 92.8      | 55.6496 | 41.4312 |
| 2009 | 6     | 14  | 7    | 55     | 12     | 0.3       | 2.6     | 0.85  | 92.7      | 55.6496 | 40.9185 |
| 2009 | 6     | 14  | 8    | 10     | 12     | 0.3       | 2.6     | 0.89  | 91.7      | 55.6496 | 42.4566 |
| 2009 | 6     | 14  | 8    | 25     | 12     | 0.3       | 2.6     | 0.86  | 93.9      | 55.584  | 41.3824 |
| 2009 | 6     | 14  | 8    | 40     | 12     | 0.3       | 2.6     | 0.85  | 91.1      | 55.6496 | 41.1749 |
| 2009 | 6     | 14  | 8    | 55     | 12     | 0.3       | 2.6     | 0.9   | 92.3      | 55.6496 | 43.0974 |
| 2009 | 6     | 14  | 9    | 10     | 12     | 0.3       | 2.6     | 0.91  | 95        | 55.584  | 43.3026 |
| 2009 | 6     | 14  | 9    | 25     | 12     | 0.3       | 2.6     | 0.86  | 93.7      | 55.584  | 41.5104 |
| 2009 | 6     | 14  | 9    | 40     | 12     | 0.3       | 2.6     | 0.85  | 92.4      | 55.584  | 40.9983 |
| 2009 | 6     | 14  | 9    | 55     | 12     | 0.3       | 2.6     | 0.89  | 92.5      | 55.584  | 42.5345 |
| 2009 | 6     | 14  | 10   | 10     | 12     | 0.3       | 2.6     | 0.84  | 92        | 55.584  | 40.6143 |
| 2009 | 6     | 14  | 10   | 25     | 12     | 0.3       | 2.6     | 0.9   | 91.9      | 55.584  | 42.7906 |
| 2009 | 6     | 14  | 10   | 40     | 12     | 0.3       | 2.6     | 0.88  | 91.7      | 55.584  | 42.2785 |
| 2009 | 6     | 14  | 10   | 55     | 12     | 0.3       | 2.6     | 0.89  | 92.3      | 55.5184 | 42.6122 |
| 2009 | 6     | 14  | 11   | 10     | 12     | 0.3       | 2.6     | 0.93  | 93.4      | 55.5184 | 44.0187 |
| 2009 | 6     | 14  | 11   | 25     | 12     | 0.3       | 2.6     | 0.91  | 92.7      | 55.584  | 43.3026 |
| 2009 | 6     | 14  | 11   | 40     | 12     | 0.3       | 2.6     | 0.91  | 93.9      | 55.5184 | 43.2515 |
| 2009 | 6     | 14  | 11   | 55     | 12     | 0.3       | 2.6     | 0.93  | 94.4      | 55.5184 | 44.0187 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 14  | 12   | 10     | 12     | 0.3       | 2.6     | 0.9   | 91.7      | 55.5184 | 42.74   |
| 2009 | 6     | 14  | 12   | 25     | 12     | 0.3       | 2.6     | 0.87  | 91.1      | 55.584  | 41.7664 |
| 2009 | 6     | 14  | 12   | 40     | 12     | 0.3       | 2.6     | 0.91  | 93.7      | 55.4528 | 43.0727 |
| 2009 | 6     | 14  | 12   | 55     | 12     | 0.3       | 2.3     | 0.89  | 92.9      | 55.3871 | 42.5115 |
| 2009 | 6     | 14  | 13   | 10     | 12     | 0.3       | 2.6     | 0.89  | 91.9      | 55.4528 | 42.4341 |
| 2009 | 6     | 14  | 13   | 25     | 12     | 0.3       | 2.6     | 0.91  | 91.7      | 55.4528 | 43.0727 |
| 2009 | 6     | 14  | 13   | 40     | 12     | 0.3       | 2.3     | 0.89  | 92.3      | 55.3871 | 42.2563 |
| 2009 | 6     | 14  | 13   | 55     | 12     | 0.3       | 2.3     | 0.92  | 91.8      | 55.3215 | 43.6078 |
| 2009 | 6     | 14  | 14   | 10     | 12     | 0.3       | 2.3     | 0.89  | 92.9      | 55.3215 | 42.4611 |
| 2009 | 6     | 14  | 14   | 25     | 12     | 0.3       | 2.3     | 0.88  | 91.7      | 55.2559 | 41.9017 |
| 2009 | 6     | 14  | 14   | 40     | 12     | 0.3       | 2.3     | 0.91  | 92.7      | 55.3215 | 43.0982 |
| 2009 | 6     | 14  | 14   | 55     | 12     | 0.3       | 2.3     | 0.9   | 92.9      | 55.2559 | 42.538  |
| 2009 | 6     | 14  | 15   | 10     | 12     | 0.3       | 2.3     | 0.94  | 92        | 55.1903 | 44.267  |
| 2009 | 6     | 14  | 15   | 25     | 12     | 0.3       | 2.3     | 0.96  | 92.3      | 55.1903 | 45.0297 |
| 2009 | 6     | 14  | 15   | 40     | 12     | 0.3       | 2.3     | 0.89  | 91.5      | 55.1903 | 42.2333 |
| 2009 | 6     | 14  | 15   | 55     | 12     | 0.3       | 2.3     | 0.88  | 92.4      | 55.1903 | 41.7248 |
| 2009 | 6     | 14  | 16   | 10     | 12     | 0.3       | 2.3     | 0.93  | 93        | 55.1903 | 43.8857 |
| 2009 | 6     | 14  | 16   | 25     | 12     | 0.3       | 2.3     | 0.92  | 92.3      | 55.1247 | 43.1987 |
| 2009 | 6     | 14  | 16   | 40     | 12     | 0.3       | 2.3     | 0.88  | 90        | 55.1247 | 41.8022 |
| 2009 | 6     | 14  | 16   | 55     | 12     | 0.3       | 2.3     | 0.94  | 93.6      | 55.1247 | 43.9605 |
| 2009 | 6     | 14  | 17   | 10     | 12     | 0.3       | 2.3     | 0.89  | 92.3      | 55.1247 | 42.183  |
| 2009 | 6     | 14  | 17   | 25     | 12     | 0.3       | 2.3     | 0.91  | 92.9      | 55.1247 | 43.0718 |
| 2009 | 6     | 14  | 17   | 40     | 12     | 0.3       | 2.3     | 0.87  | 89.6      | 55.1247 | 41.4213 |
| 2009 | 6     | 14  | 17   | 55     | 12     | 0.3       | 2.3     | 0.92  | 90.6      | 55.0591 | 43.4009 |
| 2009 | 6     | 14  | 18   | 10     | 12     | 0.3       | 2.3     | 0.92  | 92.5      | 55.0591 | 43.2741 |
| 2009 | 6     | 14  | 18   | 25     | 12     | 0.3       | 2.3     | 0.94  | 92.8      | 54.9934 | 43.8558 |
| 2009 | 6     | 14  | 18   | 40     | 12     | 0.3       | 2.3     | 0.89  | 93        | 55.0591 | 42.1328 |
| 2009 | 6     | 14  | 18   | 55     | 12     | 0.3       | 2.3     | 0.89  | 91.5      | 55.0591 | 42.1328 |
| 2009 | 6     | 14  | 19   | 10     | 12     | 0.3       | 2.3     | 0.85  | 92.9      | 55.0591 | 40.6111 |
| 2009 | 6     | 14  | 19   | 25     | 12     | 0.3       | 2.3     | 0.89  | 91.9      | 55.0591 | 42.006  |
| 2009 | 6     | 14  | 19   | 40     | 12     | 0.3       | 2.3     | 0.88  | 92.8      | 55.0591 | 41.8792 |
| 2009 | 6     | 14  | 19   | 55     | 12     | 0.3       | 2.3     | 0.88  | 91.3      | 55.0591 | 41.8792 |
| 2009 | 6     | 14  | 20   | 10     | 12     | 0.3       | 2.3     | 0.87  | 91.7      | 55.0591 | 41.4988 |
| 2009 | 6     | 14  | 20   | 25     | 12     | 0.3       | 2.3     | 0.89  | 92.8      | 55.0591 | 42.006  |
| 2009 | 6     | 14  | 20   | 40     | 12     | 0.3       | 2.3     | 0.88  | 91.3      | 54.9934 | 41.576  |
| 2009 | 6     | 14  | 20   | 55     | 12     | 0.3       | 2.3     | 0.91  | 92.1      | 54.9934 | 42.8426 |
| 2009 | 6     | 14  | 21   | 10     | 12     | 0.3       | 2.3     | 0.91  | 92.7      | 54.9934 | 42.8426 |
| 2009 | 6     | 14  | 21   | 25     | 12     | 0.3       | 2.3     | 0.9   | 93.6      | 54.9278 | 42.4119 |
| 2009 | 6     | 14  | 21   | 40     | 12     | 0.3       | 2.3     | 0.9   | 91.7      | 54.9278 | 42.4119 |
| 2009 | 6     | 14  | 21   | 55     | 12     | 0.3       | 2.3     | 0.88  | 93.6      | 54.9934 | 41.7026 |
| 2009 | 6     | 14  | 22   | 10     | 12     | 0.3       | 2.3     | 0.9   | 92.1      | 54.9934 | 42.4626 |
| 2009 | 6     | 14  | 22   | 25     | 12     | 0.3       | 2.3     | 0.88  | 92.1      | 54.9934 | 41.8293 |
| 2009 | 6     | 14  | 22   | 40     | 12     | 0.3       | 2.3     | 0.85  | 93.3      | 54.9278 | 40.5143 |
| 2009 | 6     | 14  | 22   | 55     | 12     | 0.3       | 2.3     | 0.87  | 90        | 54.9278 | 41.2734 |
| 2009 | 6     | 14  | 23   | 10     | 12     | 0.3       | 2.3     | 0.85  | 93.3      | 54.9278 | 40.3878 |
| 2009 | 6     | 14  | 23   | 25     | 12     | 0.3       | 2.3     | 0.88  | 93        | 54.9278 | 41.5264 |
| 2009 | 6     | 14  | 23   | 40     | 12     | 0.3       | 2.3     | 0.89  | 92.3      | 54.8622 | 41.8558 |
| 2009 | 6     | 14  | 23   | 55     | 12     | 0.3       | 2.3     | 0.9   | 92.3      | 54.7966 | 42.4368 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 15  | 0    | 10     | 12     | 0.3       | 2.3     | 0.87  | 93        | 54.8622 | 41.0977 |
| 2009 | 6     | 15  | 0    | 25     | 12     | 0.3       | 2.3     | 0.87  | 91.7      | 54.8622 | 41.3504 |
| 2009 | 6     | 15  | 0    | 40     | 12     | 0.3       | 2.3     | 0.87  | 90.6      | 54.8622 | 41.2241 |
| 2009 | 6     | 15  | 0    | 55     | 12     | 0.3       | 2.3     | 0.86  | 91.5      | 54.8622 | 40.7186 |
| 2009 | 6     | 15  | 1    | 10     | 12     | 0.3       | 2.3     | 0.88  | 91.9      | 54.8622 | 41.7295 |
| 2009 | 6     | 15  | 1    | 25     | 12     | 0.3       | 2.3     | 0.87  | 92.6      | 54.8622 | 41.0977 |
| 2009 | 6     | 15  | 1    | 40     | 12     | 0.3       | 2.3     | 0.88  | 90.9      | 54.8622 | 41.4768 |
| 2009 | 6     | 15  | 1    | 55     | 12     | 0.3       | 2.3     | 0.87  | 90.6      | 54.8622 | 41.3504 |
| 2009 | 6     | 15  | 2    | 10     | 12     | 0.3       | 2.3     | 0.87  | 91.9      | 54.8622 | 41.2241 |
| 2009 | 6     | 15  | 2    | 25     | 12     | 0.3       | 2.3     | 0.89  | 92.8      | 54.8622 | 41.8558 |
| 2009 | 6     | 15  | 2    | 40     | 12     | 0.3       | 2.3     | 0.87  | 90        | 54.8622 | 41.0977 |
| 2009 | 6     | 15  | 2    | 55     | 12     | 0.3       | 2.3     | 0.9   | 91.7      | 54.7966 | 42.1844 |
| 2009 | 6     | 15  | 3    | 10     | 12     | 0.3       | 2.3     | 0.84  | 92.2      | 54.8622 | 40.2132 |
| 2009 | 6     | 15  | 3    | 25     | 12     | 0.3       | 2.3     | 0.89  | 93.2      | 54.8622 | 42.1085 |
| 2009 | 6     | 15  | 3    | 40     | 12     | 0.3       | 2.3     | 0.84  | 90.9      | 54.7966 | 40.1651 |
| 2009 | 6     | 15  | 3    | 55     | 12     | 0.3       | 2.3     | 0.85  | 92.4      | 54.8622 | 40.4659 |
| 2009 | 6     | 15  | 4    | 10     | 12     | 0.3       | 2.3     | 0.9   | 92.1      | 54.7966 | 42.1844 |
| 2009 | 6     | 15  | 4    | 25     | 12     | 0.3       | 2.3     | 0.85  | 91.8      | 54.7966 | 40.4175 |
| 2009 | 6     | 15  | 4    | 40     | 12     | 0.3       | 2.3     | 0.86  | 92        | 54.7966 | 40.6699 |
| 2009 | 6     | 15  | 4    | 55     | 12     | 0.3       | 2.3     | 0.87  | 90.2      | 54.7966 | 41.0485 |
| 2009 | 6     | 15  | 5    | 10     | 12     | 0.3       | 2.3     | 0.88  | 92.6      | 54.7966 | 41.4272 |
| 2009 | 6     | 15  | 5    | 25     | 12     | 0.3       | 2.3     | 0.86  | 90        | 54.7966 | 40.9223 |
| 2009 | 6     | 15  | 5    | 40     | 12     | 0.3       | 2.3     | 0.84  | 93.1      | 54.7966 | 39.9127 |
| 2009 | 6     | 15  | 5    | 55     | 12     | 0.3       | 2.3     | 0.9   | 92.3      | 54.7966 | 42.3106 |
| 2009 | 6     | 15  | 6    | 10     | 12     | 0.3       | 2.3     | 0.88  | 90        | 54.7966 | 41.5534 |
| 2009 | 6     | 15  | 6    | 25     | 12     | 0.3       | 2.3     | 0.88  | 92.4      | 54.7966 | 41.4272 |
| 2009 | 6     | 15  | 6    | 40     | 12     | 0.3       | 2.3     | 0.88  | 92.4      | 54.7966 | 41.4272 |
| 2009 | 6     | 15  | 6    | 55     | 12     | 0.3       | 2.3     | 0.86  | 93.1      | 54.7966 | 40.6699 |
| 2009 | 6     | 15  | 7    | 10     | 12     | 0.3       | 2.3     | 0.84  | 91.1      | 54.7966 | 39.9127 |
| 2009 | 6     | 15  | 7    | 25     | 12     | 0.3       | 2.3     | 0.86  | 90.9      | 54.7966 | 40.6699 |
| 2009 | 6     | 15  | 7    | 40     | 12     | 0.3       | 2.3     | 0.87  | 91.5      | 54.8622 | 41.0977 |
| 2009 | 6     | 15  | 7    | 55     | 12     | 0.3       | 2.3     | 0.86  | 92.6      | 54.8622 | 40.7186 |
| 2009 | 6     | 15  | 8    | 10     | 12     | 0.3       | 2.3     | 0.85  | 93.1      | 54.8622 | 40.5923 |
| 2009 | 6     | 15  | 8    | 25     | 12     | 0.3       | 2.3     | 0.87  | 91.9      | 54.8622 | 41.2241 |
| 2009 | 6     | 15  | 8    | 40     | 12     | 0.3       | 2.3     | 0.86  | 92        | 54.8622 | 40.7186 |
| 2009 | 6     | 15  | 8    | 55     | 12     | 0.3       | 2.3     | 0.89  | 92.5      | 54.8622 | 41.9822 |
| 2009 | 6     | 15  | 9    | 10     | 12     | 0.3       | 2.3     | 0.88  | 93.6      | 54.8622 | 41.6031 |
| 2009 | 6     | 15  | 9    | 25     | 12     | 0.3       | 2.3     | 0.88  | 93.6      | 54.8622 | 41.6031 |
| 2009 | 6     | 15  | 9    | 40     | 12     | 0.3       | 2.3     | 0.87  | 93        | 54.8622 | 41.2241 |
| 2009 | 6     | 15  | 9    | 55     | 12     | 0.3       | 2.3     | 0.9   | 92.9      | 54.8622 | 42.4876 |
| 2009 | 6     | 15  | 10   | 10     | 12     | 0.3       | 2.3     | 0.91  | 92.9      | 54.8622 | 42.614  |
| 2009 | 6     | 15  | 10   | 25     | 12     | 0.3       | 2.3     | 0.89  | 90.6      | 54.8622 | 42.1085 |
| 2009 | 6     | 15  | 10   | 40     | 12     | 0.3       | 2.3     | 0.88  | 92.1      | 54.8622 | 41.4768 |
| 2009 | 6     | 15  | 10   | 55     | 12     | 0.3       | 2.3     | 0.89  | 91.7      | 54.8622 | 42.1085 |
| 2009 | 6     | 15  | 11   | 10     | 12     | 0.3       | 2.3     | 0.87  | 91.1      | 54.8622 | 41.0977 |
| 2009 | 6     | 15  | 11   | 25     | 12     | 0.3       | 2.3     | 0.9   | 94        | 54.8622 | 42.2349 |
| 2009 | 6     | 15  | 11   | 40     | 12     | 0.3       | 2.3     | 0.91  | 93.9      | 54.8622 | 42.8667 |
| 2009 | 6     | 15  | 11   | 55     | 12     | 0.3       | 2.3     | 0.91  | 92.9      | 54.8622 | 42.8667 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 15  | 12   | 10     | 12     | 0.3       | 2.3     | 0.91  | 92.5      | 54.8622 | 42.7403 |
| 2009 | 6     | 15  | 12   | 25     | 12     | 0.3       | 2.3     | 0.87  | 92.2      | 54.8622 | 41.2241 |
| 2009 | 6     | 15  | 12   | 40     | 12     | 0.3       | 2.3     | 0.91  | 92.1      | 54.7966 | 42.6892 |
| 2009 | 6     | 15  | 12   | 55     | 12     | 0.3       | 2.3     | 0.93  | 93.9      | 54.8622 | 43.3721 |
| 2009 | 6     | 15  | 13   | 10     | 12     | 0.3       | 2.3     | 0.92  | 91        | 54.7966 | 43.0678 |
| 2009 | 6     | 15  | 13   | 25     | 12     | 0.3       | 2.3     | 0.9   | 91.7      | 54.8622 | 42.2349 |
| 2009 | 6     | 15  | 13   | 40     | 12     | 0.3       | 2.3     | 0.91  | 93.9      | 54.7966 | 42.563  |
| 2009 | 6     | 15  | 13   | 55     | 12     | 0.3       | 2.3     | 0.92  | 92.9      | 54.7966 | 43.194  |
| 2009 | 6     | 15  | 14   | 10     | 12     | 0.3       | 2.3     | 0.89  | 91.1      | 54.7966 | 41.932  |
| 2009 | 6     | 15  | 14   | 25     | 12     | 0.3       | 2.3     | 0.92  | 92        | 54.731  | 43.1423 |
| 2009 | 6     | 15  | 14   | 40     | 12     | 0.3       | 2.3     | 0.9   | 92.1      | 54.731  | 42.1339 |
| 2009 | 6     | 15  | 14   | 55     | 12     | 0.3       | 2.3     | 0.9   | 90.4      | 54.7966 | 42.3106 |
| 2009 | 6     | 15  | 15   | 10     | 12     | 0.3       | 2.3     | 0.89  | 93.2      | 54.731  | 41.8818 |
| 2009 | 6     | 15  | 15   | 25     | 12     | 0.3       | 2.3     | 0.87  | 92.2      | 54.731  | 40.9994 |
| 2009 | 6     | 15  | 15   | 40     | 12     | 0.3       | 2.3     | 0.86  | 94.1      | 54.6654 | 40.6984 |
| 2009 | 6     | 15  | 15   | 55     | 12     | 0.3       | 2.3     | 0.86  | 92.2      | 54.6654 | 40.6984 |
| 2009 | 6     | 15  | 16   | 10     | 12     | 0.3       | 2.3     | 0.88  | 93.4      | 54.5997 | 41.2783 |
| 2009 | 6     | 15  | 16   | 25     | 12     | 0.3       | 2.3     | 0.9   | 91        | 54.5997 | 42.2844 |
| 2009 | 6     | 15  | 16   | 40     | 12     | 0.3       | 2.3     | 0.89  | 93        | 54.6654 | 41.7057 |
| 2009 | 6     | 15  | 16   | 55     | 12     | 0.3       | 2.3     | 0.92  | 92.5      | 54.6654 | 42.9647 |
| 2009 | 6     | 15  | 17   | 10     | 12     | 0.3       | 2.3     | 0.89  | 91.7      | 54.5341 | 41.6055 |
| 2009 | 6     | 15  | 17   | 25     | 12     | 0.3       | 2.3     | 0.9   | 91.2      | 54.5997 | 42.2844 |
| 2009 | 6     | 15  | 17   | 40     | 12     | 0.3       | 2.3     | 0.91  | 92.3      | 54.4685 | 42.4336 |
| 2009 | 6     | 15  | 17   | 55     | 12     | 0.3       | 2.3     | 0.9   | 93.3      | 54.4685 | 42.1827 |
| 2009 | 6     | 15  | 18   | 10     | 12     | 0.3       | 2.3     | 0.9   | 91.7      | 54.5341 | 42.1079 |
| 2009 | 6     | 15  | 18   | 25     | 12     | 0.3       | 2.3     | 0.9   | 91.2      | 54.5341 | 42.2335 |
| 2009 | 6     | 15  | 18   | 40     | 12     | 0.3       | 2.3     | 0.9   | 94.4      | 54.5341 | 42.2335 |
| 2009 | 6     | 15  | 18   | 55     | 12     | 0.3       | 2.3     | 0.91  | 94.6      | 54.5341 | 42.3591 |
| 2009 | 6     | 15  | 19   | 10     | 12     | 0.3       | 2.3     | 0.89  | 93.6      | 54.4685 | 41.5555 |
| 2009 | 6     | 15  | 19   | 25     | 12     | 0.3       | 2.3     | 0.91  | 93.3      | 54.4685 | 42.4336 |
| 2009 | 6     | 15  | 19   | 40     | 12     | 0.3       | 2.3     | 0.91  | 92.5      | 54.4685 | 42.3082 |
| 2009 | 6     | 15  | 19   | 55     | 12     | 0.3       | 2.3     | 0.91  | 91.9      | 54.4685 | 42.5591 |
| 2009 | 6     | 15  | 20   | 10     | 12     | 0.3       | 2.3     | 0.9   | 93.1      | 54.4029 | 41.8813 |
| 2009 | 6     | 15  | 20   | 25     | 12     | 0.3       | 2.3     | 0.9   | 92.7      | 54.4029 | 41.8813 |
| 2009 | 6     | 15  | 20   | 40     | 12     | 0.3       | 2.3     | 0.83  | 93        | 54.4029 | 39.25   |
| 2009 | 6     | 15  | 20   | 55     | 12     | 0.3       | 2.3     | 0.84  | 91.3      | 54.4029 | 39.6259 |
| 2009 | 6     | 15  | 21   | 10     | 12     | 0.3       | 2.3     | 0.84  | 92.5      | 54.4029 | 39.8765 |
| 2009 | 6     | 15  | 21   | 25     | 12     | 0.3       | 2.3     | 0.84  | 92.2      | 54.4029 | 39.6259 |
| 2009 | 6     | 15  | 21   | 40     | 12     | 0.3       | 2.3     | 0.87  | 91.1      | 54.4029 | 41.0042 |
| 2009 | 6     | 15  | 21   | 55     | 12     | 0.3       | 2.3     | 0.85  | 91.8      | 54.3373 | 39.9536 |
| 2009 | 6     | 15  | 22   | 10     | 12     | 0.3       | 2.3     | 0.86  | 91.3      | 54.3373 | 40.4542 |
| 2009 | 6     | 15  | 22   | 25     | 12     | 0.3       | 2.3     | 0.84  | 90.2      | 54.3373 | 39.8284 |
| 2009 | 6     | 15  | 22   | 40     | 12     | 0.3       | 2.3     | 0.86  | 94.8      | 54.3373 | 40.4542 |
| 2009 | 6     | 15  | 22   | 55     | 12     | 0.3       | 2.3     | 0.85  | 91.8      | 54.3373 | 40.2039 |
| 2009 | 6     | 15  | 23   | 10     | 12     | 0.3       | 2.3     | 0.86  | 91.7      | 54.3373 | 40.4542 |
| 2009 | 6     | 15  | 23   | 25     | 12     | 0.3       | 2.3     | 0.86  | 90        | 54.2717 | 40.2803 |
| 2009 | 6     | 15  | 23   | 40     | 12     | 0.3       | 2.3     | 0.84  | 94.3      | 54.2717 | 39.4054 |
| 2009 | 6     | 15  | 23   | 55     | 12     | 0.3       | 2.3     | 0.86  | 93.1      | 54.2717 | 40.2803 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 16  | 0    | 10     | 12     | 0.3       | 2.3     | 0.85  | 92.7      | 54.2717 | 40.0303 |
| 2009 | 6     | 16  | 0    | 25     | 12     | 0.3       | 2.3     | 0.86  | 93        | 54.2717 | 40.5303 |
| 2009 | 6     | 16  | 0    | 40     | 12     | 0.3       | 2.3     | 0.86  | 90.9      | 54.2717 | 40.2803 |
| 2009 | 6     | 16  | 0    | 55     | 12     | 0.3       | 2.3     | 0.86  | 92        | 54.2717 | 40.2803 |
| 2009 | 6     | 16  | 1    | 10     | 12     | 0.3       | 2.3     | 0.87  | 92.2      | 54.2717 | 40.6553 |
| 2009 | 6     | 16  | 1    | 25     | 12     | 0.3       | 2.3     | 0.85  | 89.6      | 54.2717 | 40.1553 |
| 2009 | 6     | 16  | 1    | 40     | 12     | 0.3       | 2.3     | 0.87  | 91.9      | 54.2717 | 40.7803 |
| 2009 | 6     | 16  | 1    | 55     | 12     | 0.3       | 2.3     | 0.83  | 91.6      | 54.2717 | 39.4054 |
| 2009 | 6     | 16  | 2    | 10     | 12     | 0.3       | 2.3     | 0.85  | 90        | 54.206  | 39.9819 |
| 2009 | 6     | 16  | 2    | 25     | 12     | 0.3       | 2.3     | 0.84  | 90.2      | 54.2717 | 39.6553 |
| 2009 | 6     | 16  | 2    | 40     | 12     | 0.3       | 2.3     | 0.87  | 92        | 54.2717 | 40.6553 |
| 2009 | 6     | 16  | 2    | 55     | 12     | 0.3       | 2.3     | 0.83  | 93.4      | 54.206  | 39.108  |
| 2009 | 6     | 16  | 3    | 10     | 12     | 0.3       | 2.3     | 0.83  | 91.8      | 54.206  | 39.3577 |
| 2009 | 6     | 16  | 3    | 25     | 12     | 0.3       | 2.3     | 0.86  | 93.3      | 54.206  | 40.3565 |
| 2009 | 6     | 16  | 3    | 40     | 12     | 0.3       | 2.3     | 0.86  | 93.1      | 54.206  | 40.3565 |
| 2009 | 6     | 16  | 3    | 55     | 12     | 0.3       | 2.3     | 0.83  | 91.4      | 54.206  | 39.3577 |
| 2009 | 6     | 16  | 4    | 10     | 12     | 0.3       | 2.3     | 0.84  | 91.6      | 54.206  | 39.7322 |
| 2009 | 6     | 16  | 4    | 25     | 12     | 0.3       | 2.3     | 0.84  | 92.2      | 54.206  | 39.4826 |
| 2009 | 6     | 16  | 4    | 40     | 12     | 0.3       | 2.3     | 0.86  | 91.1      | 54.206  | 40.4813 |
| 2009 | 6     | 16  | 4    | 55     | 12     | 0.3       | 2.3     | 0.84  | 90.2      | 54.206  | 39.7322 |
| 2009 | 6     | 16  | 5    | 10     | 12     | 0.3       | 2.3     | 0.89  | 92.5      | 54.206  | 41.3552 |
| 2009 | 6     | 16  | 5    | 25     | 12     | 0.3       | 2.3     | 0.84  | 91.6      | 54.206  | 39.6074 |
| 2009 | 6     | 16  | 5    | 40     | 12     | 0.3       | 2.3     | 0.86  | 92        | 54.206  | 40.4813 |
| 2009 | 6     | 16  | 5    | 55     | 12     | 0.3       | 2.3     | 0.85  | 92.6      | 54.206  | 40.1068 |
| 2009 | 6     | 16  | 6    | 10     | 12     | 0.3       | 2.3     | 0.83  | 91.4      | 54.206  | 39.108  |
| 2009 | 6     | 16  | 6    | 25     | 12     | 0.3       | 2.3     | 0.85  | 91.6      | 54.206  | 39.8571 |
| 2009 | 6     | 16  | 6    | 40     | 12     | 0.3       | 2.3     | 0.84  | 92        | 54.206  | 39.6074 |
| 2009 | 6     | 16  | 6    | 55     | 12     | 0.3       | 2.3     | 0.86  | 92.4      | 54.206  | 40.3565 |
| 2009 | 6     | 16  | 7    | 10     | 12     | 0.3       | 2.3     | 0.86  | 91.3      | 54.206  | 40.2316 |
| 2009 | 6     | 16  | 7    | 25     | 12     | 0.3       | 2.3     | 0.85  | 92        | 54.206  | 39.8571 |
| 2009 | 6     | 16  | 7    | 40     | 12     | 0.3       | 2.3     | 0.87  | 91.7      | 54.2717 | 40.7803 |
| 2009 | 6     | 16  | 7    | 55     | 12     | 0.3       | 2.3     | 0.86  | 92.6      | 54.2717 | 40.2803 |
| 2009 | 6     | 16  | 8    | 10     | 12     | 0.3       | 2.3     | 0.87  | 91.3      | 54.2717 | 40.6553 |
| 2009 | 6     | 16  | 8    | 25     | 12     | 0.3       | 2.3     | 0.85  | 91.5      | 54.2717 | 40.1553 |
| 2009 | 6     | 16  | 8    | 40     | 12     | 0.3       | 2.3     | 0.85  | 92        | 54.2717 | 40.1553 |
| 2009 | 6     | 16  | 8    | 55     | 12     | 0.3       | 2.3     | 0.86  | 91.3      | 54.2717 | 40.4053 |
| 2009 | 6     | 16  | 9    | 10     | 12     | 0.3       | 2.3     | 0.87  | 92.4      | 54.2717 | 40.6553 |
| 2009 | 6     | 16  | 9    | 25     | 12     | 0.3       | 2.3     | 0.85  | 92.2      | 54.2717 | 40.1553 |
| 2009 | 6     | 16  | 9    | 40     | 12     | 0.3       | 2.3     | 0.84  | 90.7      | 54.2717 | 39.7803 |
| 2009 | 6     | 16  | 9    | 55     | 12     | 0.3       | 2.3     | 0.85  | 92.6      | 54.2717 | 40.1553 |
| 2009 | 6     | 16  | 10   | 10     | 12     | 0.3       | 2.3     | 0.85  | 92.2      | 54.2717 | 40.1553 |
| 2009 | 6     | 16  | 10   | 25     | 12     | 0.3       | 2.3     | 0.86  | 92        | 54.2717 | 40.2803 |
| 2009 | 6     | 16  | 10   | 40     | 12     | 0.3       | 2.3     | 0.85  | 93.7      | 54.3373 | 40.2039 |
| 2009 | 6     | 16  | 10   | 55     | 12     | 0.3       | 2.3     | 0.82  | 90.5      | 54.2717 | 39.0304 |
| 2009 | 6     | 16  | 11   | 10     | 12     | 0.3       | 2.3     | 0.86  | 92.2      | 54.2717 | 40.2803 |
| 2009 | 6     | 16  | 11   | 25     | 12     | 0.3       | 2.3     | 0.85  | 92.2      | 54.3373 | 40.2039 |
| 2009 | 6     | 16  | 11   | 40     | 12     | 0.3       | 2.3     | 0.84  | 94        | 54.3373 | 39.5781 |
| 2009 | 6     | 16  | 11   | 55     | 12     | 0.3       | 2.3     | 0.87  | 91.9      | 54.3373 | 40.8296 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 16  | 12   | 10     | 12     | 0.3       | 2.3     | 0.84  | 90.9      | 54.2717 | 39.6553 |
| 2009 | 6     | 16  | 12   | 25     | 12     | 0.3       | 2.3     | 0.84  | 92.2      | 54.3373 | 39.7033 |
| 2009 | 6     | 16  | 12   | 40     | 12     | 0.3       | 2.3     | 0.85  | 92.4      | 54.3373 | 40.0787 |
| 2009 | 6     | 16  | 12   | 55     | 12     | 0.3       | 2.3     | 0.83  | 91.6      | 54.2717 | 39.1554 |
| 2009 | 6     | 16  | 13   | 10     | 12     | 0.3       | 2.3     | 0.86  | 90        | 54.2717 | 40.5303 |
| 2009 | 6     | 16  | 13   | 25     | 12     | 0.3       | 2.3     | 0.85  | 92        | 54.2717 | 39.9053 |
| 2009 | 6     | 16  | 13   | 40     | 12     | 0.3       | 2.3     | 0.85  | 92        | 54.2717 | 39.9053 |
| 2009 | 6     | 16  | 13   | 55     | 12     | 0.3       | 2.3     | 0.84  | 91.6      | 54.2717 | 39.7803 |
| 2009 | 6     | 16  | 14   | 10     | 12     | 0.3       | 2.3     | 0.84  | 90.7      | 54.2717 | 39.5303 |
| 2009 | 6     | 16  | 14   | 25     | 12     | 0.3       | 2.3     | 0.86  | 90.9      | 54.2717 | 40.2803 |
| 2009 | 6     | 16  | 14   | 40     | 12     | 0.3       | 2.3     | 0.86  | 90.9      | 54.2717 | 40.2803 |
| 2009 | 6     | 16  | 14   | 55     | 12     | 0.3       | 2.3     | 0.88  | 91.7      | 54.2717 | 41.1553 |
| 2009 | 6     | 16  | 15   | 10     | 12     | 0.3       | 2.3     | 0.92  | 91        | 54.2717 | 42.5303 |
| 2009 | 6     | 16  | 15   | 25     | 12     | 0.3       | 2.3     | 0.9   | 92.5      | 54.2717 | 41.9053 |
| 2009 | 6     | 16  | 15   | 40     | 12     | 0.3       | 2.3     | 0.84  | 91.8      | 54.2717 | 39.5303 |
| 2009 | 6     | 16  | 15   | 55     | 12     | 0.3       | 2.3     | 0.85  | 90.7      | 54.2717 | 39.9053 |
| 2009 | 6     | 16  | 16   | 10     | 12     | 0.3       | 2.3     | 0.9   | 92.7      | 54.2717 | 41.7803 |
| 2009 | 6     | 16  | 16   | 25     | 12     | 0.3       | 2.3     | 0.86  | 90        | 54.2717 | 40.5303 |
| 2009 | 6     | 16  | 16   | 40     | 12     | 0.3       | 2.3     | 0.85  | 92.9      | 54.2717 | 40.1553 |
| 2009 | 6     | 16  | 16   | 55     | 12     | 0.3       | 2.3     | 0.88  | 93        | 54.2717 | 41.1553 |
| 2009 | 6     | 16  | 17   | 10     | 12     | 0.3       | 2.3     | 0.86  | 92.4      | 54.2717 | 40.4053 |
| 2009 | 6     | 16  | 17   | 25     | 12     | 0.3       | 2.3     | 0.87  | 91.3      | 54.2717 | 40.6553 |
| 2009 | 6     | 16  | 17   | 40     | 12     | 0.3       | 2.3     | 0.88  | 92.4      | 54.2717 | 41.0303 |
| 2009 | 6     | 16  | 17   | 55     | 12     | 0.3       | 2.3     | 0.84  | 92.2      | 54.2717 | 39.6553 |
| 2009 | 6     | 16  | 18   | 10     | 12     | 0.3       | 2.3     | 0.87  | 91.7      | 54.2717 | 40.7803 |
| 2009 | 6     | 16  | 18   | 25     | 12     | 0.3       | 2.3     | 0.86  | 92.8      | 54.2717 | 40.4053 |
| 2009 | 6     | 16  | 18   | 40     | 12     | 0.3       | 2.3     | 0.9   | 94.2      | 54.2717 | 41.7803 |
| 2009 | 6     | 16  | 18   | 55     | 12     | 0.3       | 2.3     | 0.9   | 92.1      | 54.206  | 41.7298 |
| 2009 | 6     | 16  | 19   | 10     | 12     | 0.3       | 2.3     | 0.9   | 94.6      | 54.1404 | 41.6792 |
| 2009 | 6     | 16  | 19   | 25     | 12     | 0.3       | 2.3     | 0.89  | 93        | 54.206  | 41.4801 |
| 2009 | 6     | 16  | 19   | 40     | 12     | 0.3       | 2.3     | 0.89  | 93        | 54.1404 | 41.3052 |
| 2009 | 6     | 16  | 19   | 55     | 12     | 0.3       | 2.3     | 0.87  | 92.4      | 54.206  | 40.731  |
| 2009 | 6     | 16  | 20   | 10     | 12     | 0.3       | 2.3     | 0.88  | 91.7      | 54.206  | 41.2304 |
| 2009 | 6     | 16  | 20   | 25     | 12     | 0.3       | 2.3     | 0.91  | 93.5      | 54.1404 | 42.0533 |
| 2009 | 6     | 16  | 20   | 40     | 12     | 0.3       | 2.3     | 0.88  | 91.1      | 54.206  | 41.1055 |
| 2009 | 6     | 16  | 20   | 55     | 12     | 0.3       | 2.3     | 0.85  | 92.2      | 54.1404 | 39.8088 |
| 2009 | 6     | 16  | 21   | 10     | 12     | 0.3       | 2.3     | 0.89  | 94.5      | 54.1404 | 41.1805 |
| 2009 | 6     | 16  | 21   | 25     | 12     | 0.3       | 2.3     | 0.88  | 93        | 54.206  | 40.9807 |
| 2009 | 6     | 16  | 21   | 40     | 12     | 0.3       | 2.3     | 0.85  | 92.4      | 54.1404 | 39.9335 |
| 2009 | 6     | 16  | 21   | 55     | 12     | 0.3       | 2.3     | 0.9   | 91.9      | 54.206  | 41.8546 |
| 2009 | 6     | 16  | 22   | 10     | 12     | 0.3       | 2.3     | 0.86  | 93.1      | 54.206  | 40.3565 |
| 2009 | 6     | 16  | 22   | 25     | 12     | 0.3       | 2.3     | 0.87  | 92        | 54.1404 | 40.557  |
| 2009 | 6     | 16  | 22   | 40     | 12     | 0.3       | 2.3     | 0.86  | 92        | 54.1404 | 40.4323 |
| 2009 | 6     | 16  | 22   | 55     | 12     | 0.3       | 2.3     | 0.88  | 92.8      | 54.1404 | 40.9311 |
| 2009 | 6     | 16  | 23   | 10     | 12     | 0.3       | 2.3     | 0.87  | 92.2      | 54.1404 | 40.8064 |
| 2009 | 6     | 16  | 23   | 25     | 12     | 0.3       | 2.3     | 0.86  | 92.2      | 54.1404 | 40.3076 |
| 2009 | 6     | 16  | 23   | 40     | 12     | 0.3       | 2.3     | 0.85  | 93.1      | 54.1404 | 39.8088 |
| 2009 | 6     | 16  | 23   | 55     | 12     | 0.3       | 2.3     | 0.87  | 91.1      | 54.1404 | 40.557  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 17  | 0    | 10     | 12     | 0.3       | 2.3     | 0.84  | 91.6      | 54.1404 | 39.6841 |
| 2009 | 6     | 17  | 0    | 25     | 12     | 0.3       | 2.3     | 0.86  | 93.1      | 54.1404 | 40.1829 |
| 2009 | 6     | 17  | 0    | 40     | 12     | 0.3       | 2.3     | 0.8   | 91.6      | 54.1404 | 38.0631 |
| 2009 | 6     | 17  | 0    | 55     | 12     | 0.3       | 2.3     | 0.84  | 91.8      | 54.1404 | 39.6841 |
| 2009 | 6     | 17  | 1    | 10     | 12     | 0.3       | 2.3     | 0.84  | 91.6      | 54.1404 | 39.6841 |
| 2009 | 6     | 17  | 1    | 25     | 12     | 0.3       | 2.3     | 0.86  | 93.3      | 54.0748 | 40.2588 |
| 2009 | 6     | 17  | 1    | 40     | 12     | 0.3       | 2.3     | 0.84  | 92.2      | 54.0748 | 39.5115 |
| 2009 | 6     | 17  | 1    | 55     | 12     | 0.3       | 2.3     | 0.87  | 92.8      | 54.0748 | 40.6324 |
| 2009 | 6     | 17  | 2    | 10     | 12     | 0.3       | 2.3     | 0.87  | 92.6      | 54.0748 | 40.7569 |
| 2009 | 6     | 17  | 2    | 25     | 12     | 0.3       | 2.3     | 0.87  | 92        | 54.0748 | 40.5079 |
| 2009 | 6     | 17  | 2    | 40     | 12     | 0.3       | 2.3     | 0.86  | 91.1      | 54.0748 | 40.2588 |
| 2009 | 6     | 17  | 2    | 55     | 12     | 0.3       | 2.3     | 0.88  | 92.4      | 54.0748 | 41.006  |
| 2009 | 6     | 17  | 3    | 10     | 12     | 0.3       | 2.3     | 0.84  | 93.1      | 54.0748 | 39.387  |
| 2009 | 6     | 17  | 3    | 25     | 12     | 0.3       | 2.3     | 0.82  | 91.1      | 54.0748 | 38.7643 |
| 2009 | 6     | 17  | 3    | 40     | 12     | 0.3       | 2.3     | 0.86  | 91.7      | 54.0748 | 40.3833 |
| 2009 | 6     | 17  | 3    | 55     | 12     | 0.3       | 2.3     | 0.85  | 93.8      | 54.0748 | 39.6361 |
| 2009 | 6     | 17  | 4    | 10     | 12     | 0.3       | 2.3     | 0.86  | 91.3      | 54.0092 | 40.0855 |
| 2009 | 6     | 17  | 4    | 25     | 12     | 0.3       | 2.3     | 0.86  | 92.8      | 54.0092 | 40.3343 |
| 2009 | 6     | 17  | 4    | 40     | 12     | 0.3       | 2.3     | 0.83  | 90.9      | 54.0092 | 38.966  |
| 2009 | 6     | 17  | 4    | 55     | 12     | 0.3       | 2.3     | 0.86  | 93.1      | 54.0092 | 40.0855 |
| 2009 | 6     | 17  | 5    | 10     | 12     | 0.3       | 2.3     | 0.83  | 91.6      | 54.0092 | 39.0904 |
| 2009 | 6     | 17  | 5    | 25     | 12     | 0.3       | 2.3     | 0.85  | 94        | 54.0092 | 39.7123 |
| 2009 | 6     | 17  | 5    | 40     | 12     | 0.3       | 2.3     | 0.82  | 92.1      | 54.0092 | 38.7172 |
| 2009 | 6     | 17  | 5    | 55     | 12     | 0.3       | 2.3     | 0.88  | 93        | 54.0092 | 40.9563 |
| 2009 | 6     | 17  | 6    | 10     | 12     | 0.3       | 2.3     | 0.82  | 93.2      | 54.0092 | 38.5928 |
| 2009 | 6     | 17  | 6    | 25     | 12     | 0.3       | 2.3     | 0.83  | 93.8      | 54.0092 | 39.0904 |
| 2009 | 6     | 17  | 6    | 40     | 12     | 0.3       | 2.3     | 0.85  | 93.7      | 54.0092 | 39.9611 |
| 2009 | 6     | 17  | 6    | 55     | 12     | 0.3       | 2.3     | 0.84  | 91.6      | 54.0092 | 39.4636 |
| 2009 | 6     | 17  | 7    | 10     | 12     | 0.3       | 2.3     | 0.85  | 90.4      | 54.0092 | 39.7123 |
| 2009 | 6     | 17  | 7    | 25     | 12     | 0.3       | 2.3     | 0.84  | 92.7      | 54.0092 | 39.3392 |
| 2009 | 6     | 17  | 7    | 40     | 12     | 0.3       | 2.3     | 0.83  | 92.5      | 54.0092 | 39.2148 |
| 2009 | 6     | 17  | 7    | 55     | 12     | 0.3       | 2.3     | 0.81  | 93.2      | 54.0092 | 38.4684 |
| 2009 | 6     | 17  | 8    | 10     | 12     | 0.3       | 2.3     | 0.9   | 92.5      | 54.0092 | 41.7026 |
| 2009 | 6     | 17  | 8    | 25     | 12     | 0.3       | 2.3     | 0.88  | 92.4      | 53.9436 | 40.7823 |
| 2009 | 6     | 17  | 8    | 40     | 12     | 0.3       | 2.3     | 0.85  | 90        | 54.0092 | 39.8367 |
| 2009 | 6     | 17  | 8    | 55     | 12     | 0.3       | 2.3     | 0.84  | 93.4      | 53.9436 | 39.4156 |
| 2009 | 6     | 17  | 9    | 10     | 12     | 0.3       | 2.3     | 0.89  | 91.9      | 54.0092 | 41.205  |
| 2009 | 6     | 17  | 9    | 25     | 12     | 0.3       | 2.3     | 0.85  | 92        | 53.9436 | 39.7883 |
| 2009 | 6     | 17  | 9    | 40     | 12     | 0.3       | 2.3     | 0.84  | 91.8      | 53.9436 | 39.4156 |
| 2009 | 6     | 17  | 9    | 55     | 12     | 0.3       | 2.3     | 0.84  | 93.1      | 53.9436 | 39.4156 |
| 2009 | 6     | 17  | 10   | 10     | 12     | 0.3       | 2.3     | 0.86  | 92.4      | 53.9436 | 40.0368 |
| 2009 | 6     | 17  | 10   | 25     | 12     | 0.3       | 2.3     | 0.86  | 92.6      | 53.9436 | 40.1611 |
| 2009 | 6     | 17  | 10   | 40     | 12     | 0.3       | 2.3     | 0.87  | 92.6      | 53.9436 | 40.5338 |
| 2009 | 6     | 17  | 10   | 55     | 12     | 0.3       | 2.3     | 0.85  | 92.6      | 53.9436 | 39.9126 |
| 2009 | 6     | 17  | 11   | 10     | 12     | 0.3       | 2.3     | 0.87  | 92.8      | 53.9436 | 40.4095 |
| 2009 | 6     | 17  | 11   | 25     | 12     | 0.3       | 2.3     | 0.81  | 91.4      | 53.9436 | 38.4217 |
| 2009 | 6     | 17  | 11   | 40     | 12     | 0.3       | 2.3     | 0.87  | 93        | 53.9436 | 40.5338 |
| 2009 | 6     | 17  | 11   | 55     | 12     | 0.3       | 2.3     | 0.86  | 93.1      | 53.9436 | 40.1611 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 17  | 12   | 10     | 12     | 0.3       | 2.3     | 0.85  | 94        | 53.878  | 39.6159 |
| 2009 | 6     | 17  | 12   | 25     | 12     | 0.3       | 2.3     | 0.87  | 92.4      | 53.8123 | 40.4352 |
| 2009 | 6     | 17  | 12   | 40     | 12     | 0.3       | 2.3     | 0.86  | 94.6      | 53.8123 | 39.9394 |
| 2009 | 6     | 17  | 12   | 55     | 12     | 0.3       | 2.3     | 0.89  | 93.4      | 53.7467 | 41.1286 |
| 2009 | 6     | 17  | 13   | 10     | 12     | 0.3       | 2.3     | 0.82  | 93.7      | 53.7467 | 38.2815 |
| 2009 | 6     | 17  | 13   | 25     | 12     | 0.3       | 2.3     | 0.88  | 92.6      | 53.6811 | 40.8311 |
| 2009 | 6     | 17  | 13   | 40     | 12     | 0.3       | 2.3     | 0.87  | 92.4      | 53.6811 | 40.3366 |
| 2009 | 6     | 17  | 13   | 55     | 12     | 0.3       | 2.3     | 0.89  | 91.5      | 53.6811 | 41.0784 |
| 2009 | 6     | 17  | 14   | 10     | 12     | 0.3       | 2.3     | 0.88  | 93.9      | 53.6811 | 40.5838 |
| 2009 | 6     | 17  | 14   | 25     | 12     | 0.3       | 2.3     | 0.88  | 90.9      | 53.7467 | 40.881  |
| 2009 | 6     | 17  | 14   | 40     | 12     | 0.3       | 2.3     | 0.87  | 91.5      | 53.6811 | 40.4602 |
| 2009 | 6     | 17  | 14   | 55     | 12     | 0.3       | 2.3     | 0.89  | 93        | 53.6811 | 41.0784 |
| 2009 | 6     | 17  | 15   | 10     | 12     | 0.3       | 2.3     | 0.82  | 92.7      | 53.6811 | 38.482  |
| 2009 | 6     | 17  | 15   | 25     | 12     | 0.3       | 2.3     | 0.88  | 92.3      | 53.6811 | 40.8311 |
| 2009 | 6     | 17  | 15   | 40     | 12     | 0.3       | 2.3     | 0.87  | 91.9      | 53.6811 | 40.3366 |
| 2009 | 6     | 17  | 15   | 55     | 12     | 0.3       | 2.3     | 0.89  | 91.5      | 53.6155 | 41.0282 |
| 2009 | 6     | 17  | 16   | 10     | 12     | 0.3       | 2.3     | 0.88  | 93.9      | 53.6811 | 40.5838 |
| 2009 | 6     | 17  | 16   | 25     | 12     | 0.3       | 2.3     | 0.83  | 92.5      | 53.6811 | 38.9766 |
| 2009 | 6     | 17  | 16   | 40     | 12     | 0.3       | 2.3     | 0.83  | 90.9      | 53.6155 | 38.9289 |
| 2009 | 6     | 17  | 16   | 55     | 12     | 0.3       | 2.3     | 0.86  | 92        | 53.6155 | 39.9168 |
| 2009 | 6     | 17  | 17   | 10     | 12     | 0.3       | 2.3     | 0.83  | 92        | 53.6155 | 38.8054 |
| 2009 | 6     | 17  | 17   | 25     | 12     | 0.3       | 2.3     | 0.86  | 90.9      | 53.6155 | 40.0403 |
| 2009 | 6     | 17  | 17   | 40     | 12     | 0.3       | 2.3     | 0.85  | 93.1      | 53.6155 | 39.4229 |
| 2009 | 6     | 17  | 17   | 55     | 12     | 0.3       | 2.3     | 0.86  | 91.1      | 53.6155 | 40.0403 |
| 2009 | 6     | 17  | 18   | 10     | 12     | 0.3       | 2.3     | 0.83  | 92        | 53.6155 | 38.682  |
| 2009 | 6     | 17  | 18   | 25     | 12     | 0.3       | 2.3     | 0.86  | 91.7      | 53.6155 | 39.9168 |
| 2009 | 6     | 17  | 18   | 40     | 12     | 0.3       | 2.3     | 0.85  | 92.6      | 53.6155 | 39.6698 |
| 2009 | 6     | 17  | 18   | 55     | 12     | 0.3       | 2.3     | 0.82  | 93        | 53.6155 | 38.3115 |
| 2009 | 6     | 17  | 19   | 10     | 12     | 0.3       | 2.3     | 0.87  | 92.4      | 53.6155 | 40.4107 |
| 2009 | 6     | 17  | 19   | 25     | 12     | 0.3       | 2.3     | 0.82  | 92.3      | 53.6155 | 38.435  |
| 2009 | 6     | 17  | 19   | 40     | 12     | 0.3       | 2.3     | 0.83  | 91.4      | 53.6155 | 38.9289 |
| 2009 | 6     | 17  | 19   | 55     | 12     | 0.3       | 2.3     | 0.88  | 93        | 53.5499 | 40.4846 |
| 2009 | 6     | 17  | 20   | 10     | 12     | 0.3       | 2.3     | 0.86  | 90.2      | 53.6155 | 39.7933 |
| 2009 | 6     | 17  | 20   | 25     | 12     | 0.3       | 2.3     | 0.83  | 91.8      | 53.6155 | 38.9289 |
| 2009 | 6     | 17  | 20   | 40     | 12     | 0.3       | 2.3     | 0.84  | 92        | 53.5499 | 39.0046 |
| 2009 | 6     | 17  | 20   | 55     | 12     | 0.3       | 2.3     | 0.83  | 90.7      | 53.5499 | 38.8813 |
| 2009 | 6     | 17  | 21   | 10     | 12     | 0.3       | 2.3     | 0.87  | 93        | 53.5499 | 40.3613 |
| 2009 | 6     | 17  | 21   | 25     | 12     | 0.3       | 2.3     | 0.85  | 90.4      | 53.5499 | 39.3746 |
| 2009 | 6     | 17  | 21   | 40     | 12     | 0.3       | 2.3     | 0.84  | 91.6      | 53.5499 | 39.128  |
| 2009 | 6     | 17  | 21   | 55     | 12     | 0.3       | 2.3     | 0.83  | 89.8      | 53.5499 | 38.6346 |
| 2009 | 6     | 17  | 22   | 10     | 12     | 0.3       | 2.3     | 0.84  | 92.2      | 53.5499 | 39.0046 |
| 2009 | 6     | 17  | 22   | 25     | 12     | 0.3       | 2.3     | 0.82  | 91.4      | 53.5499 | 38.5113 |
| 2009 | 6     | 17  | 22   | 40     | 12     | 0.3       | 2.3     | 0.83  | 93.2      | 53.5499 | 38.6346 |
| 2009 | 6     | 17  | 22   | 55     | 12     | 0.3       | 2.3     | 0.86  | 93.1      | 53.5499 | 39.868  |
| 2009 | 6     | 17  | 23   | 10     | 12     | 0.3       | 2.3     | 0.86  | 91.5      | 53.4843 | 39.6959 |
| 2009 | 6     | 17  | 23   | 25     | 12     | 0.3       | 2.3     | 0.87  | 90.2      | 53.4843 | 40.1887 |
| 2009 | 6     | 17  | 23   | 40     | 12     | 0.3       | 2.3     | 0.86  | 90.4      | 53.4843 | 39.9423 |
| 2009 | 6     | 17  | 23   | 55     | 12     | 0.3       | 2.3     | 0.83  | 92.3      | 53.4843 | 38.8336 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 18  | 0    | 10     | 12     | 0.3       | 2.3     | 0.81  | 93.2      | 53.4843 | 38.0946 |
| 2009 | 6     | 18  | 0    | 25     | 12     | 0.3       | 2.3     | 0.82  | 94.6      | 53.4843 | 38.3409 |
| 2009 | 6     | 18  | 0    | 40     | 12     | 0.3       | 2.3     | 0.86  | 90.9      | 53.4843 | 39.9423 |
| 2009 | 6     | 18  | 0    | 55     | 12     | 0.3       | 2.3     | 0.87  | 92        | 53.4843 | 40.0655 |
| 2009 | 6     | 18  | 1    | 10     | 12     | 0.3       | 2.3     | 0.86  | 91.1      | 53.4843 | 39.6959 |
| 2009 | 6     | 18  | 1    | 25     | 12     | 0.3       | 2.3     | 0.85  | 92        | 53.4843 | 39.3264 |
| 2009 | 6     | 18  | 1    | 40     | 12     | 0.3       | 2.3     | 0.83  | 92.3      | 53.4843 | 38.7105 |
| 2009 | 6     | 18  | 1    | 55     | 12     | 0.3       | 2.3     | 0.85  | 90.4      | 53.4843 | 39.3264 |
| 2009 | 6     | 18  | 2    | 10     | 12     | 0.3       | 2.3     | 0.83  | 90.5      | 53.4843 | 38.8336 |
| 2009 | 6     | 18  | 2    | 25     | 12     | 0.3       | 2.3     | 0.85  | 92        | 53.4843 | 39.4496 |
| 2009 | 6     | 18  | 2    | 40     | 12     | 0.3       | 2.3     | 0.82  | 90.7      | 53.4843 | 38.3409 |
| 2009 | 6     | 18  | 2    | 55     | 12     | 0.3       | 2.3     | 0.84  | 92        | 53.4843 | 38.9568 |
| 2009 | 6     | 18  | 3    | 10     | 12     | 0.3       | 2.3     | 0.84  | 91.8      | 53.4843 | 39.08   |
| 2009 | 6     | 18  | 3    | 25     | 12     | 0.3       | 2.3     | 0.84  | 92        | 53.4843 | 39.08   |
| 2009 | 6     | 18  | 3    | 40     | 12     | 0.3       | 2.3     | 0.83  | 90.9      | 53.4843 | 38.5873 |
| 2009 | 6     | 18  | 3    | 55     | 12     | 0.3       | 2.3     | 0.83  | 92.3      | 53.4843 | 38.8336 |
| 2009 | 6     | 18  | 4    | 10     | 12     | 0.3       | 2.3     | 0.83  | 94.3      | 53.4843 | 38.7105 |
| 2009 | 6     | 18  | 4    | 25     | 12     | 0.3       | 2.3     | 0.86  | 92        | 53.4843 | 39.6959 |
| 2009 | 6     | 18  | 4    | 40     | 12     | 0.3       | 2.3     | 0.84  | 92.5      | 53.4843 | 38.9568 |
| 2009 | 6     | 18  | 4    | 55     | 12     | 0.3       | 2.3     | 0.86  | 92.4      | 53.4843 | 39.6959 |
| 2009 | 6     | 18  | 5    | 10     | 12     | 0.3       | 2.3     | 0.85  | 92.2      | 53.4843 | 39.5727 |
| 2009 | 6     | 18  | 5    | 25     | 12     | 0.3       | 2.3     | 0.79  | 91.7      | 53.4843 | 37.3555 |
| 2009 | 6     | 18  | 5    | 40     | 12     | 0.3       | 2.3     | 0.86  | 93.1      | 53.4843 | 39.6959 |
| 2009 | 6     | 18  | 5    | 55     | 12     | 0.3       | 2.3     | 0.83  | 92        | 53.4843 | 38.8336 |
| 2009 | 6     | 18  | 6    | 10     | 12     | 0.3       | 2.3     | 0.83  | 92        | 53.4843 | 38.8336 |
| 2009 | 6     | 18  | 6    | 25     | 12     | 0.3       | 2.3     | 0.85  | 93.1      | 53.4843 | 39.4496 |
| 2009 | 6     | 18  | 6    | 40     | 12     | 0.3       | 2.3     | 0.84  | 92        | 53.4843 | 39.08   |
| 2009 | 6     | 18  | 6    | 55     | 12     | 0.3       | 2.3     | 0.84  | 90.4      | 53.5499 | 39.0046 |
| 2009 | 6     | 18  | 7    | 10     | 12     | 0.3       | 2.3     | 0.85  | 93.1      | 53.5499 | 39.498  |
| 2009 | 6     | 18  | 7    | 25     | 12     | 0.3       | 2.3     | 0.81  | 93.5      | 53.5499 | 37.7713 |
| 2009 | 6     | 18  | 7    | 40     | 12     | 0.3       | 2.3     | 0.84  | 90        | 53.5499 | 39.2513 |
| 2009 | 6     | 18  | 7    | 55     | 12     | 0.3       | 2.3     | 0.83  | 91.8      | 53.5499 | 38.758  |
| 2009 | 6     | 18  | 8    | 10     | 12     | 0.3       | 2.3     | 0.81  | 93.5      | 53.5499 | 38.0179 |
| 2009 | 6     | 18  | 8    | 25     | 12     | 0.3       | 2.3     | 0.85  | 90.7      | 53.5499 | 39.498  |
| 2009 | 6     | 18  | 8    | 40     | 12     | 0.3       | 2.3     | 0.84  | 94.3      | 53.6155 | 38.9289 |
| 2009 | 6     | 18  | 8    | 55     | 12     | 0.3       | 2.3     | 0.87  | 92.6      | 53.6155 | 40.2873 |
| 2009 | 6     | 18  | 9    | 10     | 12     | 0.3       | 2.3     | 0.83  | 91.8      | 53.6155 | 38.9289 |
| 2009 | 6     | 18  | 9    | 25     | 12     | 0.3       | 2.3     | 0.83  | 92.3      | 53.6155 | 38.682  |
| 2009 | 6     | 18  | 9    | 40     | 12     | 0.3       | 2.3     | 0.84  | 94.3      | 53.6811 | 39.1002 |
| 2009 | 6     | 18  | 9    | 55     | 12     | 0.3       | 2.3     | 0.84  | 92        | 53.6811 | 39.1002 |
| 2009 | 6     | 18  | 10   | 10     | 12     | 0.3       | 2.3     | 0.82  | 93        | 53.6155 | 38.5585 |
| 2009 | 6     | 18  | 10   | 25     | 12     | 0.3       | 2.3     | 0.85  | 94.2      | 53.6811 | 39.3475 |
| 2009 | 6     | 18  | 10   | 40     | 12     | 0.3       | 2.3     | 0.84  | 91.3      | 53.7467 | 39.148  |
| 2009 | 6     | 18  | 10   | 55     | 12     | 0.3       | 2.3     | 0.85  | 93.1      | 53.6811 | 39.5948 |
| 2009 | 6     | 18  | 11   | 10     | 12     | 0.3       | 2.3     | 0.85  | 93.5      | 53.6811 | 39.7184 |
| 2009 | 6     | 18  | 11   | 25     | 12     | 0.3       | 2.3     | 0.85  | 91.1      | 53.6811 | 39.5948 |
| 2009 | 6     | 18  | 11   | 40     | 12     | 0.3       | 2.3     | 0.81  | 91.2      | 53.6811 | 38.1111 |
| 2009 | 6     | 18  | 11   | 55     | 12     | 0.3       | 2.3     | 0.84  | 92.5      | 53.6811 | 39.1002 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 18  | 12   | 10     | 12     | 0.3       | 2.3     | 0.86  | 92        | 53.6811 | 40.0893 |
| 2009 | 6     | 18  | 12   | 25     | 12     | 0.3       | 2.3     | 0.85  | 91.5      | 53.6811 | 39.5948 |
| 2009 | 6     | 18  | 12   | 40     | 12     | 0.3       | 2.3     | 0.86  | 91.1      | 53.6811 | 39.842  |
| 2009 | 6     | 18  | 12   | 55     | 12     | 0.3       | 2.3     | 0.85  | 92        | 53.6811 | 39.4711 |
| 2009 | 6     | 18  | 13   | 10     | 12     | 0.3       | 2.3     | 0.84  | 91.8      | 53.6811 | 39.3475 |
| 2009 | 6     | 18  | 13   | 25     | 12     | 0.3       | 2.3     | 0.81  | 92.3      | 53.6811 | 38.2348 |
| 2009 | 6     | 18  | 13   | 40     | 12     | 0.3       | 2.3     | 0.84  | 91.3      | 53.6811 | 39.3475 |
| 2009 | 6     | 18  | 13   | 55     | 12     | 0.3       | 2.3     | 0.87  | 91.9      | 53.6811 | 40.3366 |
| 2009 | 6     | 18  | 14   | 10     | 12     | 0.3       | 2.3     | 0.86  | 92        | 53.6811 | 40.0893 |
| 2009 | 6     | 18  | 14   | 25     | 12     | 0.3       | 2.3     | 0.84  | 92.9      | 53.6811 | 39.3475 |
| 2009 | 6     | 18  | 14   | 40     | 12     | 0.3       | 2.3     | 0.87  | 92.8      | 53.6811 | 40.2129 |
| 2009 | 6     | 18  | 14   | 55     | 12     | 0.3       | 2.3     | 0.89  | 92.5      | 53.7467 | 41.2524 |
| 2009 | 6     | 18  | 15   | 10     | 12     | 0.3       | 2.3     | 0.87  | 93.5      | 53.6811 | 40.2129 |
| 2009 | 6     | 18  | 15   | 25     | 12     | 0.3       | 2.3     | 0.86  | 90.9      | 53.7467 | 40.1383 |
| 2009 | 6     | 18  | 15   | 40     | 12     | 0.3       | 2.3     | 0.86  | 91.7      | 53.7467 | 40.1383 |
| 2009 | 6     | 18  | 15   | 55     | 12     | 0.3       | 2.3     | 0.89  | 92.1      | 53.7467 | 41.0048 |
| 2009 | 6     | 18  | 16   | 10     | 12     | 0.3       | 2.3     | 0.88  | 91.3      | 53.7467 | 40.7572 |
| 2009 | 6     | 18  | 16   | 25     | 12     | 0.3       | 2.3     | 0.87  | 93.2      | 53.6811 | 40.3366 |
| 2009 | 6     | 18  | 16   | 40     | 12     | 0.3       | 2.3     | 0.85  | 93.8      | 53.7467 | 39.3956 |
| 2009 | 6     | 18  | 16   | 55     | 12     | 0.3       | 2.3     | 0.89  | 93.6      | 53.7467 | 41.0048 |
| 2009 | 6     | 18  | 17   | 10     | 12     | 0.3       | 2.3     | 0.88  | 93        | 53.7467 | 40.6334 |
| 2009 | 6     | 18  | 17   | 25     | 12     | 0.3       | 2.3     | 0.86  | 93.3      | 53.6811 | 40.0893 |
| 2009 | 6     | 18  | 17   | 40     | 12     | 0.3       | 2.3     | 0.89  | 93.2      | 53.6811 | 41.202  |
| 2009 | 6     | 18  | 17   | 55     | 12     | 0.3       | 2.3     | 0.86  | 90.9      | 53.6811 | 39.842  |
| 2009 | 6     | 18  | 18   | 10     | 12     | 0.3       | 2.3     | 0.91  | 92.3      | 53.7467 | 41.7475 |
| 2009 | 6     | 18  | 18   | 25     | 12     | 0.3       | 2.3     | 0.85  | 91.5      | 53.7467 | 39.6432 |
| 2009 | 6     | 18  | 18   | 40     | 12     | 0.3       | 2.3     | 0.87  | 92.6      | 53.7467 | 40.5097 |
| 2009 | 6     | 18  | 18   | 55     | 12     | 0.3       | 2.3     | 0.87  | 93.9      | 53.6811 | 40.4602 |
| 2009 | 6     | 18  | 19   | 10     | 12     | 0.3       | 2.3     | 0.88  | 91.5      | 53.7467 | 40.6334 |
| 2009 | 6     | 18  | 19   | 25     | 12     | 0.3       | 2.3     | 0.86  | 92.2      | 53.7467 | 40.0145 |
| 2009 | 6     | 18  | 19   | 40     | 12     | 0.3       | 2.3     | 0.86  | 88        | 53.7467 | 39.8907 |
| 2009 | 6     | 18  | 19   | 55     | 12     | 0.3       | 2.3     | 0.85  | 90.7      | 53.7467 | 39.5194 |
| 2009 | 6     | 18  | 20   | 10     | 12     | 0.3       | 2.3     | 0.83  | 91.1      | 53.7467 | 38.7766 |
| 2009 | 6     | 18  | 20   | 25     | 12     | 0.3       | 2.3     | 0.88  | 90.4      | 53.7467 | 40.6334 |
| 2009 | 6     | 18  | 20   | 40     | 12     | 0.3       | 2.3     | 0.84  | 90.9      | 53.7467 | 39.148  |
| 2009 | 6     | 18  | 20   | 55     | 12     | 0.3       | 2.3     | 0.86  | 90.4      | 53.7467 | 39.8907 |
| 2009 | 6     | 18  | 21   | 10     | 12     | 0.3       | 2.3     | 0.85  | 90.7      | 53.7467 | 39.7669 |
| 2009 | 6     | 18  | 21   | 25     | 12     | 0.3       | 2.3     | 0.86  | 90.7      | 53.7467 | 39.8907 |
| 2009 | 6     | 18  | 21   | 40     | 12     | 0.3       | 2.3     | 0.87  | 93        | 53.7467 | 40.3859 |
| 2009 | 6     | 18  | 21   | 55     | 12     | 0.3       | 2.3     | 0.85  | 90.9      | 53.7467 | 39.7669 |
| 2009 | 6     | 18  | 22   | 10     | 12     | 0.3       | 2.3     | 0.85  | 93.3      | 53.7467 | 39.5194 |
| 2009 | 6     | 18  | 22   | 25     | 12     | 0.3       | 2.3     | 0.87  | 92.6      | 53.7467 | 40.3859 |
| 2009 | 6     | 18  | 22   | 40     | 12     | 0.3       | 2.3     | 0.86  | 90.9      | 53.7467 | 40.0145 |
| 2009 | 6     | 18  | 22   | 55     | 12     | 0.3       | 2.3     | 0.83  | 91.4      | 53.7467 | 39.0242 |
| 2009 | 6     | 18  | 23   | 10     | 12     | 0.3       | 2.3     | 0.84  | 93.1      | 53.7467 | 39.3956 |
| 2009 | 6     | 18  | 23   | 25     | 12     | 0.3       | 2.3     | 0.87  | 92.2      | 53.7467 | 40.3859 |
| 2009 | 6     | 18  | 23   | 40     | 12     | 0.3       | 2.3     | 0.87  | 93        | 53.7467 | 40.5097 |
| 2009 | 6     | 18  | 23   | 55     | 12     | 0.3       | 2.3     | 0.87  | 91.7      | 53.7467 | 40.5097 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 19  | 0    | 10     | 12     | 0.3       | 2.3     | 0.88  | 91.1      | 53.7467 | 40.6334 |
| 2009 | 6     | 19  | 0    | 25     | 12     | 0.3       | 2.3     | 0.88  | 91.1      | 53.7467 | 40.881  |
| 2009 | 6     | 19  | 0    | 40     | 12     | 0.3       | 2.3     | 0.87  | 93.2      | 53.7467 | 40.3859 |
| 2009 | 6     | 19  | 0    | 55     | 12     | 0.3       | 2.3     | 0.86  | 92.6      | 53.7467 | 40.1383 |
| 2009 | 6     | 19  | 1    | 10     | 12     | 0.3       | 2.3     | 0.87  | 91.9      | 53.7467 | 40.3859 |
| 2009 | 6     | 19  | 1    | 25     | 12     | 0.3       | 2.3     | 0.85  | 91.1      | 53.7467 | 39.5194 |
| 2009 | 6     | 19  | 1    | 40     | 12     | 0.3       | 2.3     | 0.86  | 93.7      | 53.7467 | 40.0145 |
| 2009 | 6     | 19  | 1    | 55     | 12     | 0.3       | 2.3     | 0.85  | 90        | 53.7467 | 39.7669 |
| 2009 | 6     | 19  | 2    | 10     | 12     | 0.3       | 2.3     | 0.85  | 91.1      | 53.7467 | 39.7669 |
| 2009 | 6     | 19  | 2    | 25     | 12     | 0.3       | 2.3     | 0.86  | 92.6      | 53.7467 | 39.8907 |
| 2009 | 6     | 19  | 2    | 40     | 12     | 0.3       | 2.3     | 0.87  | 91.3      | 53.7467 | 40.3859 |
| 2009 | 6     | 19  | 2    | 55     | 12     | 0.3       | 2.3     | 0.86  | 90.4      | 53.7467 | 40.1383 |
| 2009 | 6     | 19  | 3    | 10     | 12     | 0.3       | 2.3     | 0.88  | 93.6      | 53.7467 | 40.7572 |
| 2009 | 6     | 19  | 3    | 25     | 12     | 0.3       | 2.3     | 0.91  | 91.5      | 53.7467 | 41.7475 |
| 2009 | 6     | 19  | 3    | 40     | 12     | 0.3       | 2.3     | 0.87  | 92.8      | 53.7467 | 40.2621 |
| 2009 | 6     | 19  | 3    | 55     | 12     | 0.3       | 2.3     | 0.87  | 91.1      | 53.7467 | 40.3859 |
| 2009 | 6     | 19  | 4    | 10     | 12     | 0.3       | 2.3     | 0.87  | 92.8      | 53.8123 | 40.4352 |
| 2009 | 6     | 19  | 4    | 25     | 12     | 0.3       | 2.3     | 0.87  | 93.3      | 53.878  | 40.3604 |
| 2009 | 6     | 19  | 4    | 40     | 12     | 0.3       | 2.3     | 0.88  | 91.9      | 53.878  | 40.8567 |
| 2009 | 6     | 19  | 4    | 55     | 12     | 0.3       | 2.3     | 0.86  | 92.4      | 53.9436 | 40.1611 |
| 2009 | 6     | 19  | 5    | 10     | 12     | 0.3       | 2.3     | 0.87  | 93.3      | 53.9436 | 40.4095 |
| 2009 | 6     | 19  | 5    | 25     | 12     | 0.3       | 2.3     | 0.87  | 92.6      | 54.0092 | 40.4587 |
| 2009 | 6     | 19  | 5    | 40     | 12     | 0.3       | 2.3     | 0.86  | 91.3      | 54.0092 | 40.2099 |
| 2009 | 6     | 19  | 5    | 55     | 12     | 0.3       | 2.3     | 0.89  | 92.5      | 54.0092 | 41.4538 |
| 2009 | 6     | 19  | 6    | 10     | 12     | 0.3       | 2.3     | 0.86  | 92        | 54.0092 | 40.2099 |
| 2009 | 6     | 19  | 6    | 25     | 12     | 0.3       | 2.3     | 0.91  | 92.1      | 54.0092 | 41.9514 |
| 2009 | 6     | 19  | 6    | 40     | 12     | 0.3       | 2.3     | 0.86  | 91.1      | 54.0092 | 40.2099 |
| 2009 | 6     | 19  | 6    | 55     | 12     | 0.3       | 2.3     | 0.87  | 92        | 54.0092 | 40.4587 |
| 2009 | 6     | 19  | 7    | 10     | 12     | 0.3       | 2.3     | 0.87  | 91.7      | 54.0748 | 40.6324 |
| 2009 | 6     | 19  | 7    | 25     | 12     | 0.3       | 2.3     | 0.87  | 91.5      | 54.0748 | 40.7569 |
| 2009 | 6     | 19  | 7    | 40     | 12     | 0.3       | 2.3     | 0.84  | 90.7      | 54.0748 | 39.5115 |
| 2009 | 6     | 19  | 7    | 55     | 12     | 0.3       | 2.3     | 0.87  | 92.8      | 54.0748 | 40.7569 |
| 2009 | 6     | 19  | 8    | 10     | 12     | 0.3       | 2.3     | 0.88  | 92.4      | 54.0748 | 41.006  |
| 2009 | 6     | 19  | 8    | 25     | 12     | 0.3       | 2.3     | 0.89  | 91.5      | 54.0748 | 41.5042 |
| 2009 | 6     | 19  | 8    | 40     | 12     | 0.3       | 2.3     | 0.91  | 92.5      | 54.0748 | 42.0024 |
| 2009 | 6     | 19  | 8    | 55     | 12     | 0.3       | 2.3     | 0.89  | 92.5      | 54.0748 | 41.5042 |
| 2009 | 6     | 19  | 9    | 10     | 12     | 0.3       | 2.3     | 0.89  | 92.5      | 54.0748 | 41.5042 |
| 2009 | 6     | 19  | 9    | 25     | 12     | 0.3       | 2.3     | 0.86  | 91.5      | 54.0748 | 40.2588 |
| 2009 | 6     | 19  | 9    | 40     | 12     | 0.3       | 2.3     | 0.86  | 93        | 54.0748 | 40.3833 |
| 2009 | 6     | 19  | 9    | 55     | 12     | 0.3       | 2.3     | 0.89  | 90.6      | 54.0748 | 41.2551 |
| 2009 | 6     | 19  | 10   | 10     | 12     | 0.3       | 2.3     | 0.9   | 92.7      | 54.0092 | 41.827  |
| 2009 | 6     | 19  | 10   | 25     | 12     | 0.3       | 2.3     | 0.87  | 92.2      | 54.0092 | 40.5831 |
| 2009 | 6     | 19  | 10   | 40     | 12     | 0.3       | 2.3     | 0.88  | 92.1      | 54.0092 | 41.0807 |
| 2009 | 6     | 19  | 10   | 55     | 12     | 0.3       | 2.3     | 0.91  | 93.3      | 54.0092 | 42.0758 |
| 2009 | 6     | 19  | 11   | 10     | 12     | 0.3       | 2.3     | 0.87  | 94.1      | 54.0092 | 40.4587 |
| 2009 | 6     | 19  | 11   | 25     | 12     | 0.3       | 2.3     | 0.9   | 95        | 54.0092 | 41.4538 |
| 2009 | 6     | 19  | 11   | 40     | 12     | 0.3       | 2.3     | 0.88  | 92.8      | 54.0092 | 40.8319 |
| 2009 | 6     | 19  | 11   | 55     | 12     | 0.3       | 2.3     | 0.89  | 91.7      | 54.0092 | 41.205  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 19  | 12   | 10     | 12     | 0.3       | 2.3     | 0.9   | 92.3      | 54.0092 | 41.7026 |
| 2009 | 6     | 19  | 12   | 25     | 12     | 0.3       | 2.3     | 0.9   | 91        | 53.9436 | 41.5277 |
| 2009 | 6     | 19  | 12   | 40     | 12     | 0.3       | 2.3     | 0.89  | 94        | 53.9436 | 41.4035 |
| 2009 | 6     | 19  | 12   | 55     | 12     | 0.3       | 2.3     | 0.89  | 91.7      | 53.9436 | 41.2792 |
| 2009 | 6     | 19  | 13   | 10     | 12     | 0.3       | 2.3     | 0.87  | 91.3      | 53.9436 | 40.658  |
| 2009 | 6     | 19  | 13   | 25     | 12     | 0.3       | 2.3     | 0.88  | 91.7      | 53.9436 | 41.0308 |
| 2009 | 6     | 19  | 13   | 40     | 12     | 0.3       | 2.3     | 0.9   | 90.4      | 53.878  | 41.4772 |
| 2009 | 6     | 19  | 13   | 55     | 12     | 0.3       | 2.3     | 0.88  | 91.7      | 53.878  | 40.8567 |
| 2009 | 6     | 19  | 14   | 10     | 12     | 0.3       | 2.3     | 0.9   | 90        | 53.9436 | 41.6519 |
| 2009 | 6     | 19  | 14   | 25     | 12     | 0.3       | 2.3     | 0.88  | 91.9      | 53.8123 | 40.9309 |
| 2009 | 6     | 19  | 14   | 40     | 12     | 0.3       | 2.3     | 0.87  | 91.7      | 53.8123 | 40.4352 |
| 2009 | 6     | 19  | 14   | 55     | 12     | 0.3       | 2.3     | 0.86  | 91.5      | 53.878  | 40.1122 |
| 2009 | 6     | 19  | 15   | 10     | 12     | 0.3       | 2.3     | 0.89  | 91.3      | 53.8123 | 41.1788 |
| 2009 | 6     | 19  | 15   | 25     | 12     | 0.3       | 2.3     | 0.87  | 90.6      | 53.7467 | 40.3859 |
| 2009 | 6     | 19  | 15   | 40     | 12     | 0.3       | 2.3     | 0.82  | 89.5      | 53.7467 | 38.4053 |
| 2009 | 6     | 19  | 15   | 55     | 12     | 0.3       | 2.3     | 0.87  | 91.1      | 53.7467 | 40.3859 |
| 2009 | 6     | 19  | 16   | 10     | 12     | 0.3       | 2.3     | 0.85  | 90        | 53.7467 | 39.7669 |
| 2009 | 6     | 19  | 16   | 25     | 12     | 0.3       | 2.3     | 0.84  | 92.2      | 53.7467 | 39.148  |
| 2009 | 6     | 19  | 16   | 40     | 12     | 0.3       | 2.3     | 0.86  | 91.1      | 53.6811 | 39.9657 |
| 2009 | 6     | 19  | 16   | 55     | 12     | 0.3       | 2.3     | 0.83  | 90.2      | 53.6811 | 38.7293 |
| 2009 | 6     | 19  | 17   | 10     | 12     | 0.3       | 2.3     | 0.82  | 90        | 53.6811 | 38.6057 |
| 2009 | 6     | 19  | 17   | 25     | 12     | 0.3       | 2.3     | 0.83  | 92.3      | 53.6155 | 38.682  |
| 2009 | 6     | 19  | 17   | 40     | 12     | 0.3       | 2.3     | 0.84  | 90.7      | 53.6811 | 39.1002 |
| 2009 | 6     | 19  | 17   | 55     | 12     | 0.3       | 2.3     | 0.84  | 91.3      | 53.6811 | 39.1002 |
| 2009 | 6     | 19  | 18   | 10     | 12     | 0.3       | 2.3     | 0.83  | 91.1      | 53.6155 | 38.8054 |
| 2009 | 6     | 19  | 18   | 25     | 12     | 0.3       | 2.3     | 0.84  | 90.4      | 53.6811 | 39.2238 |
| 2009 | 6     | 19  | 18   | 40     | 12     | 0.3       | 2.3     | 0.83  | 92        | 53.6155 | 38.9289 |
| 2009 | 6     | 19  | 18   | 55     | 12     | 0.3       | 2.3     | 0.87  | 90.9      | 53.6155 | 40.1638 |
| 2009 | 6     | 19  | 19   | 10     | 12     | 0.3       | 2.3     | 0.87  | 90.9      | 53.6155 | 40.1638 |
| 2009 | 6     | 19  | 19   | 25     | 12     | 0.3       | 2.3     | 0.85  | 91.3      | 53.6155 | 39.4229 |
| 2009 | 6     | 19  | 19   | 40     | 12     | 0.3       | 2.3     | 0.85  | 91.3      | 53.6155 | 39.4229 |
| 2009 | 6     | 19  | 19   | 55     | 12     | 0.3       | 2.3     | 0.83  | 91.1      | 53.6155 | 38.9289 |
| 2009 | 6     | 19  | 20   | 10     | 12     | 0.3       | 2.3     | 0.85  | 90.9      | 53.6155 | 39.4229 |
| 2009 | 6     | 19  | 20   | 25     | 12     | 0.3       | 2.3     | 0.85  | 90.7      | 53.6155 | 39.4229 |
| 2009 | 6     | 19  | 20   | 40     | 12     | 0.3       | 2.3     | 0.86  | 91.1      | 53.6155 | 39.7933 |
| 2009 | 6     | 19  | 20   | 55     | 12     | 0.3       | 2.3     | 0.86  | 91.7      | 53.7467 | 40.1383 |
| 2009 | 6     | 19  | 21   | 10     | 12     | 0.3       | 2.3     | 0.84  | 92.2      | 53.6155 | 39.1759 |
| 2009 | 6     | 19  | 21   | 25     | 12     | 0.3       | 2.3     | 0.85  | 90.4      | 53.6155 | 39.5464 |
| 2009 | 6     | 19  | 21   | 40     | 12     | 0.3       | 2.3     | 0.85  | 92.7      | 53.4843 | 39.4496 |
| 2009 | 6     | 19  | 21   | 55     | 12     | 0.3       | 2.3     | 0.88  | 92.8      | 53.4843 | 40.5582 |
| 2009 | 6     | 19  | 22   | 10     | 12     | 0.3       | 2.3     | 0.9   | 92.7      | 53.4843 | 41.1741 |
| 2009 | 6     | 19  | 22   | 25     | 12     | 0.3       | 2.3     | 0.87  | 90.4      | 53.4843 | 40.0655 |
| 2009 | 6     | 19  | 22   | 40     | 12     | 0.3       | 2.3     | 0.9   | 92.9      | 53.4843 | 41.1741 |
| 2009 | 6     | 19  | 22   | 55     | 12     | 0.3       | 2.3     | 0.88  | 93.6      | 53.4843 | 40.6814 |
| 2009 | 6     | 19  | 23   | 10     | 12     | 0.3       | 2.3     | 0.84  | 91.6      | 53.5499 | 39.2513 |
| 2009 | 6     | 19  | 23   | 25     | 12     | 0.3       | 2.3     | 0.84  | 91.6      | 53.5499 | 39.2513 |
| 2009 | 6     | 19  | 23   | 40     | 12     | 0.3       | 2.3     | 0.86  | 91.7      | 53.5499 | 39.9913 |
| 2009 | 6     | 19  | 23   | 55     | 12     | 0.3       | 2.3     | 0.83  | 90.2      | 53.5499 | 38.758  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 20  | 0    | 10     | 12     | 0.3       | 2.3     | 0.84  | 90        | 53.5499 | 39.2513 |
| 2009 | 6     | 20  | 0    | 25     | 12     | 0.3       | 2.3     | 0.87  | 91.1      | 53.5499 | 40.1146 |
| 2009 | 6     | 20  | 0    | 40     | 12     | 0.3       | 2.3     | 0.85  | 94        | 53.5499 | 39.3746 |
| 2009 | 6     | 20  | 0    | 55     | 12     | 0.3       | 2.3     | 0.82  | 91.6      | 53.5499 | 38.388  |
| 2009 | 6     | 20  | 1    | 10     | 12     | 0.3       | 2.3     | 0.86  | 92.9      | 53.5499 | 39.7446 |
| 2009 | 6     | 20  | 1    | 25     | 12     | 0.3       | 2.3     | 0.87  | 91.1      | 53.5499 | 40.3613 |
| 2009 | 6     | 20  | 1    | 40     | 12     | 0.3       | 2.3     | 0.88  | 93.2      | 53.4843 | 40.5582 |
| 2009 | 6     | 20  | 1    | 55     | 12     | 0.3       | 2.3     | 0.81  | 90.9      | 53.4843 | 38.0946 |
| 2009 | 6     | 20  | 2    | 10     | 12     | 0.3       | 2.3     | 0.84  | 90.9      | 53.4843 | 39.08   |
| 2009 | 6     | 20  | 2    | 25     | 12     | 0.3       | 2.3     | 0.84  | 90.4      | 53.4843 | 39.2032 |
| 2009 | 6     | 20  | 2    | 40     | 12     | 0.3       | 2.3     | 0.83  | 90.9      | 53.4843 | 38.5873 |
| 2009 | 6     | 20  | 2    | 55     | 12     | 0.3       | 2.3     | 0.85  | 91.6      | 53.4843 | 39.3264 |
| 2009 | 6     | 20  | 3    | 10     | 12     | 0.3       | 2.3     | 0.84  | 89.1      | 53.4843 | 38.9568 |
| 2009 | 6     | 20  | 3    | 25     | 12     | 0.3       | 2.3     | 0.85  | 92.9      | 53.4843 | 39.4496 |
| 2009 | 6     | 20  | 3    | 40     | 12     | 0.3       | 2.3     | 0.84  | 92.5      | 53.4843 | 39.2032 |
| 2009 | 6     | 20  | 3    | 55     | 12     | 0.3       | 2.3     | 0.84  | 91.8      | 53.4843 | 39.2032 |
| 2009 | 6     | 20  | 4    | 10     | 12     | 0.3       | 2.3     | 0.83  | 91.4      | 53.4843 | 38.5873 |
| 2009 | 6     | 20  | 4    | 25     | 12     | 0.3       | 2.3     | 0.87  | 91.9      | 53.4843 | 40.3118 |
| 2009 | 6     | 20  | 4    | 40     | 12     | 0.3       | 2.3     | 0.85  | 90.9      | 53.4843 | 39.4496 |
| 2009 | 6     | 20  | 4    | 55     | 12     | 0.3       | 2.3     | 0.84  | 92.2      | 53.4843 | 39.2032 |
| 2009 | 6     | 20  | 5    | 10     | 12     | 0.3       | 2.3     | 0.86  | 93        | 53.4843 | 39.9423 |
| 2009 | 6     | 20  | 5    | 25     | 12     | 0.3       | 2.3     | 0.86  | 91.1      | 53.4843 | 39.9423 |
| 2009 | 6     | 20  | 5    | 40     | 12     | 0.3       | 2.3     | 0.85  | 92.4      | 53.4843 | 39.3264 |
| 2009 | 6     | 20  | 5    | 55     | 12     | 0.3       | 2.3     | 0.83  | 92.7      | 53.4843 | 38.8336 |
| 2009 | 6     | 20  | 6    | 10     | 12     | 0.3       | 2.3     | 0.84  | 92.2      | 53.4843 | 38.9568 |
| 2009 | 6     | 20  | 6    | 25     | 12     | 0.3       | 2.3     | 0.85  | 92.9      | 53.4843 | 39.5727 |
| 2009 | 6     | 20  | 6    | 40     | 12     | 0.3       | 2.3     | 0.88  | 91.5      | 53.4843 | 40.435  |
| 2009 | 6     | 20  | 6    | 55     | 12     | 0.3       | 2.3     | 0.85  | 93.1      | 53.4843 | 39.4496 |
| 2009 | 6     | 20  | 7    | 10     | 12     | 0.3       | 2.3     | 0.85  | 91.8      | 53.4843 | 39.3264 |
| 2009 | 6     | 20  | 7    | 25     | 12     | 0.3       | 2.3     | 0.89  | 92.8      | 53.4843 | 40.8046 |
| 2009 | 6     | 20  | 7    | 40     | 12     | 0.3       | 2.3     | 0.83  | 92.7      | 53.4843 | 38.5873 |
| 2009 | 6     | 20  | 7    | 55     | 12     | 0.3       | 2.3     | 0.83  | 92        | 53.4843 | 38.5873 |
| 2009 | 6     | 20  | 8    | 10     | 12     | 0.3       | 2.3     | 0.82  | 91.4      | 53.4843 | 38.3409 |
| 2009 | 6     | 20  | 8    | 25     | 12     | 0.3       | 2.3     | 0.87  | 92.4      | 53.4843 | 40.1887 |
| 2009 | 6     | 20  | 8    | 40     | 12     | 0.3       | 2.3     | 0.83  | 92        | 53.4843 | 38.7105 |
| 2009 | 6     | 20  | 8    | 55     | 12     | 0.3       | 2.3     | 0.88  | 92.1      | 53.4843 | 40.6814 |
| 2009 | 6     | 20  | 9    | 10     | 12     | 0.3       | 2.3     | 0.83  | 91.6      | 53.4843 | 38.7105 |
| 2009 | 6     | 20  | 9    | 25     | 12     | 0.3       | 2.3     | 0.88  | 91.5      | 53.4843 | 40.435  |
| 2009 | 6     | 20  | 9    | 40     | 12     | 0.3       | 2.3     | 0.86  | 93.7      | 53.4843 | 39.6959 |
| 2009 | 6     | 20  | 9    | 55     | 12     | 0.3       | 2.3     | 0.86  | 92.8      | 53.4843 | 39.9423 |
| 2009 | 6     | 20  | 10   | 10     | 12     | 0.3       | 2.3     | 0.84  | 90.9      | 53.4843 | 39.2032 |
| 2009 | 6     | 20  | 10   | 25     | 12     | 0.3       | 2.3     | 0.85  | 92.2      | 53.4843 | 39.3264 |
| 2009 | 6     | 20  | 10   | 40     | 12     | 0.3       | 2.3     | 0.87  | 94.1      | 53.4843 | 39.9423 |
| 2009 | 6     | 20  | 10   | 55     | 12     | 0.3       | 2.3     | 0.86  | 93.3      | 53.4843 | 39.6959 |
| 2009 | 6     | 20  | 11   | 10     | 12     | 0.3       | 2.3     | 0.89  | 92.5      | 53.5499 | 40.978  |
| 2009 | 6     | 20  | 11   | 25     | 12     | 0.3       | 2.3     | 0.85  | 90.9      | 53.5499 | 39.6213 |
| 2009 | 6     | 20  | 11   | 40     | 12     | 0.3       | 2.3     | 0.88  | 91.3      | 53.4843 | 40.6814 |
| 2009 | 6     | 20  | 11   | 55     | 12     | 0.3       | 2.3     | 0.88  | 94.5      | 53.4843 | 40.435  |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 20  | 12   | 10     | 12     | 0.3       | 2.3     | 0.86  | 93        | 53.5499 | 39.9913 |
| 2009 | 6     | 20  | 12   | 25     | 12     | 0.3       | 2.3     | 0.91  | 92.9      | 53.5499 | 41.5946 |
| 2009 | 6     | 20  | 12   | 40     | 12     | 0.3       | 2.3     | 0.85  | 92        | 53.5499 | 39.6213 |
| 2009 | 6     | 20  | 12   | 55     | 12     | 0.3       | 2.3     | 0.84  | 92.5      | 53.5499 | 39.128  |
| 2009 | 6     | 20  | 13   | 10     | 12     | 0.3       | 2.3     | 0.88  | 90.2      | 53.4186 | 40.3854 |
| 2009 | 6     | 20  | 13   | 25     | 12     | 0.3       | 2.3     | 0.88  | 92.1      | 53.4843 | 40.5582 |
| 2009 | 6     | 20  | 13   | 40     | 12     | 0.3       | 2.3     | 0.86  | 94.1      | 53.5499 | 39.868  |
| 2009 | 6     | 20  | 13   | 55     | 12     | 0.3       | 2.3     | 0.85  | 91.5      | 53.4186 | 39.4012 |
| 2009 | 6     | 20  | 14   | 10     | 12     | 0.3       | 2.3     | 0.86  | 92.9      | 53.4843 | 39.6959 |
| 2009 | 6     | 20  | 14   | 25     | 12     | 0.3       | 2.3     | 0.89  | 91.7      | 53.353  | 40.8273 |
| 2009 | 6     | 20  | 14   | 40     | 12     | 0.3       | 2.3     | 0.87  | 93.9      | 53.353  | 40.2129 |
| 2009 | 6     | 20  | 14   | 55     | 12     | 0.3       | 2.3     | 0.84  | 93.3      | 53.4843 | 39.2032 |
| 2009 | 6     | 20  | 15   | 10     | 12     | 0.3       | 2.3     | 0.86  | 93.1      | 53.353  | 39.7214 |
| 2009 | 6     | 20  | 15   | 25     | 12     | 0.3       | 2.3     | 0.86  | 93.3      | 53.4186 | 39.7702 |
| 2009 | 6     | 20  | 15   | 40     | 12     | 0.3       | 2.3     | 0.86  | 92.2      | 53.353  | 39.7214 |
| 2009 | 6     | 20  | 15   | 55     | 12     | 0.3       | 2.3     | 0.86  | 92.2      | 53.353  | 39.8443 |
| 2009 | 6     | 20  | 16   | 10     | 12     | 0.3       | 2.3     | 0.91  | 93.1      | 53.2218 | 41.4624 |
| 2009 | 6     | 20  | 16   | 25     | 12     | 0.3       | 2.3     | 0.86  | 90        | 53.2874 | 39.6725 |
| 2009 | 6     | 20  | 16   | 40     | 12     | 0.3       | 2.3     | 0.85  | 92.7      | 53.2218 | 39.256  |
| 2009 | 6     | 20  | 16   | 55     | 12     | 0.3       | 2.3     | 0.85  | 90.7      | 53.2218 | 39.1334 |
| 2009 | 6     | 20  | 17   | 10     | 12     | 0.3       | 2.3     | 0.85  | 93.3      | 53.2218 | 39.1334 |
| 2009 | 6     | 20  | 17   | 25     | 12     | 0.3       | 2.3     | 0.83  | 92.5      | 53.2218 | 38.5205 |
| 2009 | 6     | 20  | 17   | 40     | 12     | 0.3       | 2.3     | 0.84  | 90.9      | 53.2218 | 39.0108 |
| 2009 | 6     | 20  | 17   | 55     | 12     | 0.3       | 2.3     | 0.86  | 94.4      | 53.2218 | 39.6237 |
| 2009 | 6     | 20  | 18   | 10     | 12     | 0.3       | 2.3     | 0.86  | 93.7      | 53.2218 | 39.5011 |
| 2009 | 6     | 20  | 18   | 25     | 12     | 0.3       | 2.3     | 0.88  | 90.9      | 53.2218 | 40.3592 |
| 2009 | 6     | 20  | 18   | 40     | 12     | 0.3       | 2.3     | 0.86  | 91.1      | 53.1562 | 39.4524 |
| 2009 | 6     | 20  | 18   | 55     | 12     | 0.3       | 2.3     | 0.85  | 91.3      | 53.1562 | 39.0851 |
| 2009 | 6     | 20  | 19   | 10     | 12     | 0.3       | 2.3     | 0.86  | 93        | 53.1562 | 39.6973 |
| 2009 | 6     | 20  | 19   | 25     | 12     | 0.3       | 2.3     | 0.86  | 91.1      | 53.1562 | 39.4524 |
| 2009 | 6     | 20  | 19   | 40     | 12     | 0.3       | 2.3     | 0.83  | 90.7      | 53.2218 | 38.6431 |
| 2009 | 6     | 20  | 19   | 55     | 12     | 0.3       | 2.3     | 0.89  | 90.4      | 53.1562 | 40.6767 |
| 2009 | 6     | 20  | 20   | 10     | 12     | 0.3       | 2.3     | 0.86  | 91.1      | 53.2218 | 39.7463 |
| 2009 | 6     | 20  | 20   | 25     | 12     | 0.3       | 2.3     | 0.84  | 93.1      | 53.1562 | 38.9627 |
| 2009 | 6     | 20  | 20   | 40     | 12     | 0.3       | 2.3     | 0.87  | 92.2      | 53.1562 | 39.9421 |
| 2009 | 6     | 20  | 20   | 55     | 12     | 0.3       | 2.3     | 0.88  | 93.2      | 53.1562 | 40.3094 |
| 2009 | 6     | 20  | 21   | 10     | 12     | 0.3       | 2.3     | 0.85  | 95.1      | 53.1562 | 39.0851 |
| 2009 | 6     | 20  | 21   | 25     | 12     | 0.3       | 2.3     | 0.84  | 90.9      | 53.0906 | 38.7923 |
| 2009 | 6     | 20  | 21   | 40     | 12     | 0.3       | 2.3     | 0.81  | 89.8      | 53.0906 | 37.8141 |
| 2009 | 6     | 20  | 21   | 55     | 12     | 0.3       | 2.3     | 0.84  | 90.4      | 53.0906 | 38.7923 |
| 2009 | 6     | 20  | 22   | 10     | 12     | 0.3       | 2.3     | 0.83  | 92.3      | 53.0906 | 38.4255 |
| 2009 | 6     | 20  | 22   | 25     | 12     | 0.3       | 2.3     | 0.82  | 92.3      | 53.0906 | 38.0587 |
| 2009 | 6     | 20  | 22   | 40     | 12     | 0.3       | 2.3     | 0.83  | 91.1      | 53.0249 | 38.2559 |
| 2009 | 6     | 20  | 22   | 55     | 12     | 0.3       | 2.3     | 0.82  | 91.1      | 53.0249 | 38.0116 |
| 2009 | 6     | 20  | 23   | 10     | 12     | 0.3       | 2.3     | 0.84  | 92.9      | 53.0249 | 38.6223 |
| 2009 | 6     | 20  | 23   | 25     | 12     | 0.3       | 2.3     | 0.85  | 91.3      | 53.0249 | 39.1108 |
| 2009 | 6     | 20  | 23   | 40     | 12     | 0.3       | 2.3     | 0.86  | 91.3      | 53.0249 | 39.355  |
| 2009 | 6     | 20  | 23   | 55     | 12     | 0.3       | 2.3     | 0.84  | 91.6      | 53.0249 | 38.8665 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 21  | 0    | 10     | 12     | 0.3       | 2.3     | 0.86  | 90.4      | 53.0249 | 39.4771 |
| 2009 | 6     | 21  | 0    | 25     | 12     | 0.3       | 2.3     | 0.81  | 91.4      | 53.0249 | 37.7674 |
| 2009 | 6     | 21  | 0    | 40     | 12     | 0.3       | 2.3     | 0.83  | 92.7      | 53.0249 | 38.378  |
| 2009 | 6     | 21  | 0    | 55     | 12     | 0.3       | 2.3     | 0.83  | 92.3      | 53.0249 | 38.378  |
| 2009 | 6     | 21  | 1    | 10     | 12     | 0.3       | 2.3     | 0.85  | 93.3      | 53.0249 | 39.2329 |
| 2009 | 6     | 21  | 1    | 25     | 12     | 0.3       | 2.3     | 0.84  | 91.8      | 53.0249 | 38.8665 |
| 2009 | 6     | 21  | 1    | 40     | 12     | 0.3       | 2.3     | 0.84  | 92        | 52.9593 | 38.5745 |
| 2009 | 6     | 21  | 1    | 55     | 12     | 0.3       | 2.3     | 0.85  | 94.2      | 52.9593 | 38.9404 |
| 2009 | 6     | 21  | 2    | 10     | 12     | 0.3       | 2.3     | 0.86  | 90.9      | 52.9593 | 39.4283 |
| 2009 | 6     | 21  | 2    | 25     | 12     | 0.3       | 2.3     | 0.83  | 94.1      | 53.0249 | 38.1338 |
| 2009 | 6     | 21  | 2    | 40     | 12     | 0.3       | 2.3     | 0.85  | 92.9      | 52.9593 | 39.0624 |
| 2009 | 6     | 21  | 2    | 55     | 12     | 0.3       | 2.3     | 0.86  | 92        | 52.9593 | 39.5503 |
| 2009 | 6     | 21  | 3    | 10     | 12     | 0.3       | 2.3     | 0.86  | 93.1      | 52.9593 | 39.4283 |
| 2009 | 6     | 21  | 3    | 25     | 12     | 0.3       | 2.3     | 0.84  | 92.2      | 52.9593 | 38.6965 |
| 2009 | 6     | 21  | 3    | 40     | 12     | 0.3       | 2.3     | 0.83  | 93.2      | 52.9593 | 38.3305 |
| 2009 | 6     | 21  | 3    | 55     | 12     | 0.3       | 2.3     | 0.84  | 92.7      | 53.0249 | 38.7444 |
| 2009 | 6     | 21  | 4    | 10     | 12     | 0.3       | 2.3     | 0.84  | 91.1      | 52.9593 | 38.6965 |
| 2009 | 6     | 21  | 4    | 25     | 12     | 0.3       | 2.3     | 0.84  | 91.1      | 53.0249 | 38.7444 |
| 2009 | 6     | 21  | 4    | 40     | 12     | 0.3       | 2.3     | 0.87  | 93.3      | 53.0906 | 39.7705 |
| 2009 | 6     | 21  | 4    | 55     | 12     | 0.3       | 2.3     | 0.88  | 90        | 53.0906 | 40.1374 |
| 2009 | 6     | 21  | 5    | 10     | 12     | 0.3       | 2.3     | 0.85  | 92.2      | 53.1562 | 39.2076 |
| 2009 | 6     | 21  | 5    | 25     | 12     | 0.3       | 2.3     | 0.86  | 92.6      | 53.1562 | 39.5748 |
| 2009 | 6     | 21  | 5    | 40     | 12     | 0.3       | 2.3     | 0.84  | 90.9      | 53.2218 | 38.8882 |
| 2009 | 6     | 21  | 5    | 55     | 12     | 0.3       | 2.3     | 0.83  | 92.7      | 53.1562 | 38.3506 |
| 2009 | 6     | 21  | 6    | 10     | 12     | 0.3       | 2.3     | 0.84  | 91.8      | 53.1562 | 38.7179 |
| 2009 | 6     | 21  | 6    | 25     | 12     | 0.3       | 2.3     | 0.85  | 93.3      | 53.1562 | 39.2076 |
| 2009 | 6     | 21  | 6    | 40     | 12     | 0.3       | 2.3     | 0.86  | 93.1      | 53.1562 | 39.4524 |
| 2009 | 6     | 21  | 6    | 55     | 12     | 0.3       | 2.3     | 0.86  | 93.5      | 53.1562 | 39.4524 |
| 2009 | 6     | 21  | 7    | 10     | 12     | 0.3       | 2.3     | 0.83  | 91.8      | 53.1562 | 38.473  |
| 2009 | 6     | 21  | 7    | 25     | 12     | 0.3       | 2.3     | 0.84  | 91.8      | 53.1562 | 38.7179 |
| 2009 | 6     | 21  | 7    | 40     | 12     | 0.3       | 2.3     | 0.82  | 90.7      | 53.1562 | 38.2281 |
| 2009 | 6     | 21  | 7    | 55     | 12     | 0.3       | 2.3     | 0.85  | 92.4      | 53.1562 | 39.0851 |
| 2009 | 6     | 21  | 8    | 10     | 12     | 0.3       | 2.3     | 0.84  | 90.7      | 53.1562 | 38.8403 |
| 2009 | 6     | 21  | 8    | 25     | 12     | 0.3       | 2.3     | 0.81  | 92.1      | 53.1562 | 37.616  |
| 2009 | 6     | 21  | 8    | 40     | 12     | 0.3       | 2.3     | 0.83  | 92.3      | 53.1562 | 38.5954 |
| 2009 | 6     | 21  | 8    | 55     | 12     | 0.3       | 2.3     | 0.84  | 89.8      | 53.1562 | 38.7179 |
| 2009 | 6     | 21  | 9    | 10     | 12     | 0.3       | 2.3     | 0.84  | 93.1      | 53.1562 | 38.8403 |
| 2009 | 6     | 21  | 9    | 25     | 12     | 0.3       | 2.3     | 0.8   | 91.4      | 53.1562 | 37.2487 |
| 2009 | 6     | 21  | 9    | 40     | 12     | 0.3       | 2.3     | 0.82  | 93.2      | 53.1562 | 38.1057 |
| 2009 | 6     | 21  | 9    | 55     | 12     | 0.3       | 2.3     | 0.81  | 93.5      | 53.1562 | 37.7384 |
| 2009 | 6     | 21  | 10   | 10     | 12     | 0.3       | 2.3     | 0.84  | 91.1      | 53.0906 | 38.6701 |
| 2009 | 6     | 21  | 10   | 25     | 12     | 0.3       | 2.3     | 0.91  | 93.5      | 53.0249 | 41.309  |
| 2009 | 6     | 21  | 10   | 40     | 12     | 0.3       | 2.3     | 0.85  | 93.1      | 52.8937 | 39.014  |
| 2009 | 6     | 21  | 10   | 55     | 12     | 0.3       | 2.3     | 0.86  | 92.8      | 52.8937 | 39.3794 |
| 2009 | 6     | 21  | 11   | 10     | 12     | 0.3       | 2.3     | 0.87  | 93        | 52.8937 | 39.8667 |
| 2009 | 6     | 21  | 11   | 25     | 12     | 0.3       | 2.3     | 0.87  | 92.8      | 52.8937 | 39.7449 |
| 2009 | 6     | 21  | 11   | 40     | 12     | 0.3       | 2.3     | 0.84  | 92.7      | 52.8937 | 38.7703 |
| 2009 | 6     | 21  | 11   | 55     | 12     | 0.3       | 2.3     | 0.85  | 94        | 52.8937 | 38.8921 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 21  | 12   | 10     | 12     | 0.3       | 2.3     | 0.88  | 92.1      | 52.8281 | 39.9389 |
| 2009 | 6     | 21  | 12   | 25     | 12     | 0.3       | 2.3     | 0.87  | 92.2      | 52.8281 | 39.5739 |
| 2009 | 6     | 21  | 12   | 40     | 12     | 0.3       | 2.3     | 0.87  | 93.7      | 52.8281 | 39.8173 |
| 2009 | 6     | 21  | 12   | 55     | 12     | 0.3       | 2.3     | 0.85  | 93.1      | 52.8937 | 38.8921 |
| 2009 | 6     | 21  | 13   | 10     | 12     | 0.3       | 2.3     | 0.85  | 92.2      | 52.8281 | 38.9656 |
| 2009 | 6     | 21  | 13   | 25     | 12     | 0.3       | 2.3     | 0.89  | 94.4      | 52.8281 | 40.4256 |
| 2009 | 6     | 21  | 13   | 40     | 12     | 0.3       | 2.3     | 0.86  | 93.5      | 52.8281 | 39.2089 |
| 2009 | 6     | 21  | 13   | 55     | 12     | 0.3       | 2.3     | 0.88  | 93        | 52.8281 | 39.9389 |
| 2009 | 6     | 21  | 14   | 10     | 12     | 0.3       | 2.3     | 0.88  | 91.5      | 52.7625 | 39.8893 |
| 2009 | 6     | 21  | 14   | 25     | 12     | 0.3       | 2.3     | 0.85  | 93.5      | 52.7625 | 38.9172 |
| 2009 | 6     | 21  | 14   | 40     | 12     | 0.3       | 2.3     | 0.87  | 93.2      | 52.7625 | 39.6463 |
| 2009 | 6     | 21  | 14   | 55     | 12     | 0.3       | 2.3     | 0.86  | 94.6      | 52.7625 | 39.1602 |
| 2009 | 6     | 21  | 15   | 10     | 12     | 0.3       | 2.3     | 0.89  | 90.4      | 52.7625 | 40.2539 |
| 2009 | 6     | 21  | 15   | 25     | 12     | 0.3       | 2.3     | 0.87  | 91.9      | 52.6969 | 39.597  |
| 2009 | 6     | 21  | 15   | 40     | 12     | 0.3       | 2.3     | 0.92  | 91.8      | 52.6969 | 41.2962 |
| 2009 | 6     | 21  | 15   | 55     | 12     | 0.3       | 2.3     | 0.87  | 92.4      | 52.6969 | 39.597  |
| 2009 | 6     | 21  | 16   | 10     | 12     | 0.3       | 2.3     | 0.81  | 93.2      | 52.6312 | 37.3658 |
| 2009 | 6     | 21  | 16   | 25     | 12     | 0.3       | 2.3     | 0.87  | 92.6      | 52.6312 | 39.4265 |
| 2009 | 6     | 21  | 16   | 40     | 12     | 0.3       | 2.3     | 0.86  | 90.4      | 52.6312 | 39.0628 |
| 2009 | 6     | 21  | 16   | 55     | 12     | 0.3       | 2.3     | 0.9   | 91.5      | 52.5656 | 40.588  |
| 2009 | 6     | 21  | 17   | 10     | 12     | 0.3       | 2.3     | 0.88  | 92.8      | 52.5656 | 39.8616 |
| 2009 | 6     | 21  | 17   | 25     | 12     | 0.3       | 2.3     | 0.87  | 94.1      | 52.5    | 39.2072 |
| 2009 | 6     | 21  | 17   | 40     | 12     | 0.3       | 2.3     | 0.86  | 91.5      | 52.5    | 39.0863 |
| 2009 | 6     | 21  | 17   | 55     | 12     | 0.3       | 2.3     | 0.84  | 90.9      | 52.5    | 38.3608 |
| 2009 | 6     | 21  | 18   | 10     | 12     | 0.3       | 2.3     | 0.86  | 91.5      | 52.5    | 38.9654 |
| 2009 | 6     | 21  | 18   | 25     | 12     | 0.3       | 2.3     | 0.87  | 94.1      | 52.5    | 39.57   |
| 2009 | 6     | 21  | 18   | 40     | 12     | 0.3       | 2.3     | 0.84  | 94.2      | 52.5    | 38.3608 |
| 2009 | 6     | 21  | 18   | 55     | 12     | 0.3       | 2.3     | 0.87  | 93        | 52.4344 | 39.279  |
| 2009 | 6     | 21  | 19   | 10     | 12     | 0.3       | 2.3     | 0.86  | 92.2      | 52.4344 | 39.0375 |
| 2009 | 6     | 21  | 19   | 25     | 12     | 0.3       | 2.3     | 0.86  | 93.3      | 52.3688 | 38.868  |
| 2009 | 6     | 21  | 19   | 40     | 12     | 0.3       | 2.3     | 0.84  | 89.8      | 52.3688 | 38.1443 |
| 2009 | 6     | 21  | 19   | 55     | 12     | 0.3       | 2.3     | 0.87  | 92.6      | 52.3688 | 39.2298 |
| 2009 | 6     | 21  | 20   | 10     | 12     | 0.3       | 2.3     | 0.81  | 90        | 52.3688 | 37.3    |
| 2009 | 6     | 21  | 20   | 25     | 12     | 0.3       | 2.3     | 0.85  | 90.9      | 52.3688 | 38.6268 |
| 2009 | 6     | 21  | 20   | 40     | 12     | 0.3       | 2.3     | 0.83  | 92        | 52.3032 | 37.7351 |
| 2009 | 6     | 21  | 20   | 55     | 12     | 0.3       | 2.3     | 0.86  | 92.9      | 52.3032 | 38.8193 |
| 2009 | 6     | 21  | 21   | 10     | 12     | 0.3       | 2.3     | 0.85  | 92.4      | 52.3032 | 38.6988 |
| 2009 | 6     | 21  | 21   | 25     | 12     | 0.3       | 2.3     | 0.84  | 92.5      | 52.3032 | 38.217  |
| 2009 | 6     | 21  | 21   | 40     | 12     | 0.3       | 2.3     | 0.87  | 91.3      | 52.3032 | 39.4216 |
| 2009 | 6     | 21  | 21   | 55     | 12     | 0.3       | 2.3     | 0.83  | 90.2      | 52.3032 | 37.8556 |
| 2009 | 6     | 21  | 22   | 10     | 12     | 0.3       | 2.3     | 0.85  | 93.1      | 52.2375 | 38.6503 |
| 2009 | 6     | 21  | 22   | 25     | 12     | 0.3       | 2.3     | 0.85  | 91.5      | 52.3032 | 38.5784 |
| 2009 | 6     | 21  | 22   | 40     | 12     | 0.3       | 2.3     | 0.83  | 90.5      | 52.2375 | 37.6878 |
| 2009 | 6     | 21  | 22   | 55     | 12     | 0.3       | 2.3     | 0.83  | 91.8      | 52.2375 | 37.9284 |
| 2009 | 6     | 21  | 23   | 10     | 12     | 0.3       | 2.3     | 0.83  | 92.5      | 52.2375 | 37.8081 |
| 2009 | 6     | 21  | 23   | 25     | 12     | 0.3       | 2.3     | 0.85  | 90.4      | 52.1719 | 38.6017 |
| 2009 | 6     | 21  | 23   | 40     | 12     | 0.3       | 2.3     | 0.84  | 89.8      | 52.2375 | 38.1691 |
| 2009 | 6     | 21  | 23   | 55     | 12     | 0.3       | 2.3     | 0.82  | 91.2      | 52.2375 | 37.3269 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 22  | 0    | 10     | 12     | 0.3       | 2.3     | 0.82  | 93.2      | 52.2375 | 37.5675 |
| 2009 | 6     | 22  | 0    | 25     | 12     | 0.3       | 2.3     | 0.83  | 93.6      | 52.2375 | 37.5675 |
| 2009 | 6     | 22  | 0    | 40     | 12     | 0.3       | 2.3     | 0.83  | 92.9      | 52.2375 | 37.9284 |
| 2009 | 6     | 22  | 0    | 55     | 12     | 0.3       | 2.3     | 0.85  | 93.1      | 52.1719 | 38.6017 |
| 2009 | 6     | 22  | 1    | 10     | 12     | 0.3       | 2.3     | 0.84  | 92.9      | 52.2375 | 38.1691 |
| 2009 | 6     | 22  | 1    | 25     | 12     | 0.3       | 2.3     | 0.84  | 94.5      | 52.1719 | 38.1211 |
| 2009 | 6     | 22  | 1    | 40     | 12     | 0.3       | 2.3     | 0.83  | 92.5      | 52.1719 | 37.6405 |
| 2009 | 6     | 22  | 1    | 55     | 12     | 0.3       | 2.3     | 0.83  | 90        | 52.1719 | 37.6405 |
| 2009 | 6     | 22  | 2    | 10     | 12     | 0.3       | 2.3     | 0.82  | 93.2      | 52.1719 | 37.4001 |
| 2009 | 6     | 22  | 2    | 25     | 12     | 0.3       | 2.3     | 0.81  | 91.2      | 52.1719 | 37.1598 |
| 2009 | 6     | 22  | 2    | 40     | 12     | 0.3       | 2.3     | 0.83  | 92        | 52.1719 | 37.7606 |
| 2009 | 6     | 22  | 2    | 55     | 12     | 0.3       | 2.3     | 0.82  | 91.2      | 52.1063 | 37.2331 |
| 2009 | 6     | 22  | 3    | 10     | 12     | 0.3       | 2.3     | 0.83  | 90        | 52.1719 | 37.6405 |
| 2009 | 6     | 22  | 3    | 25     | 12     | 0.3       | 2.3     | 0.83  | 92.5      | 52.1063 | 37.8331 |
| 2009 | 6     | 22  | 3    | 40     | 12     | 0.3       | 2.3     | 0.83  | 92.3      | 52.1063 | 37.8331 |
| 2009 | 6     | 22  | 3    | 55     | 12     | 0.3       | 2.3     | 0.85  | 93.8      | 52.1063 | 38.4332 |
| 2009 | 6     | 22  | 4    | 10     | 12     | 0.3       | 2.3     | 0.83  | 92        | 52.1063 | 37.8331 |
| 2009 | 6     | 22  | 4    | 25     | 12     | 0.3       | 2.3     | 0.82  | 92.1      | 52.1063 | 37.3531 |
| 2009 | 6     | 22  | 4    | 40     | 12     | 0.3       | 2.3     | 0.84  | 92.2      | 52.1063 | 38.0732 |
| 2009 | 6     | 22  | 4    | 55     | 12     | 0.3       | 2.3     | 0.81  | 91.4      | 52.1719 | 37.0397 |
| 2009 | 6     | 22  | 5    | 10     | 12     | 0.3       | 2.3     | 0.82  | 90.9      | 52.1719 | 37.5203 |
| 2009 | 6     | 22  | 5    | 25     | 12     | 0.3       | 2.3     | 0.82  | 92.1      | 52.1719 | 37.5203 |
| 2009 | 6     | 22  | 5    | 40     | 12     | 0.3       | 2.3     | 0.82  | 90        | 52.1719 | 37.5203 |
| 2009 | 6     | 22  | 5    | 55     | 12     | 0.3       | 2.3     | 0.8   | 91.2      | 52.1719 | 36.559  |
| 2009 | 6     | 22  | 6    | 10     | 12     | 0.3       | 2.3     | 0.83  | 93.6      | 52.2375 | 37.8081 |
| 2009 | 6     | 22  | 6    | 25     | 12     | 0.3       | 2.3     | 0.8   | 92.1      | 52.2375 | 36.8456 |
| 2009 | 6     | 22  | 6    | 40     | 12     | 0.3       | 2.3     | 0.85  | 92.6      | 52.2375 | 38.6503 |
| 2009 | 6     | 22  | 6    | 55     | 12     | 0.3       | 2.3     | 0.82  | 94.1      | 52.2375 | 37.4472 |
| 2009 | 6     | 22  | 7    | 10     | 12     | 0.3       | 2.3     | 0.84  | 92        | 52.1719 | 38.1211 |
| 2009 | 6     | 22  | 7    | 25     | 12     | 0.3       | 2.3     | 0.84  | 92.5      | 52.2375 | 38.1691 |
| 2009 | 6     | 22  | 7    | 40     | 12     | 0.3       | 2.3     | 0.82  | 91.6      | 52.2375 | 37.3269 |
| 2009 | 6     | 22  | 7    | 55     | 12     | 0.3       | 2.3     | 0.83  | 92.7      | 52.1719 | 37.8808 |
| 2009 | 6     | 22  | 8    | 10     | 12     | 0.3       | 2.3     | 0.81  | 91.4      | 52.1719 | 37.1598 |
| 2009 | 6     | 22  | 8    | 25     | 12     | 0.3       | 2.3     | 0.78  | 92.6      | 52.1719 | 35.9582 |
| 2009 | 6     | 22  | 8    | 40     | 12     | 0.3       | 2.3     | 0.79  | 92.1      | 52.1719 | 36.1986 |
| 2009 | 6     | 22  | 8    | 55     | 12     | 0.3       | 2.3     | 0.78  | 93.8      | 52.1063 | 35.913  |
| 2009 | 6     | 22  | 9    | 10     | 12     | 0.3       | 2.3     | 0.77  | 91.5      | 52.1063 | 35.553  |
| 2009 | 6     | 22  | 9    | 25     | 12     | 0.3       | 2.3     | 0.79  | 94.3      | 52.0407 | 36.1075 |
| 2009 | 6     | 22  | 9    | 40     | 12     | 0.3       | 2.3     | 0.78  | 92.4      | 52.0407 | 35.9876 |
| 2009 | 6     | 22  | 9    | 55     | 12     | 0.3       | 2.3     | 0.8   | 94        | 52.0407 | 36.5869 |
| 2009 | 6     | 22  | 10   | 10     | 12     | 0.3       | 2.3     | 0.83  | 93.2      | 52.0407 | 37.7855 |
| 2009 | 6     | 22  | 10   | 25     | 12     | 0.3       | 2.3     | 0.77  | 96.6      | 52.0407 | 35.3884 |
| 2009 | 6     | 22  | 10   | 40     | 12     | 0.3       | 2.3     | 0.82  | 93.2      | 52.0407 | 37.4259 |
| 2009 | 6     | 22  | 10   | 55     | 12     | 0.3       | 2.3     | 0.82  | 93.2      | 52.0407 | 37.4259 |
| 2009 | 6     | 22  | 11   | 10     | 12     | 0.3       | 2.3     | 0.82  | 92.8      | 52.0407 | 37.1862 |
| 2009 | 6     | 22  | 11   | 25     | 12     | 0.3       | 2.3     | 0.79  | 92.9      | 52.0407 | 35.9876 |
| 2009 | 6     | 22  | 11   | 40     | 12     | 0.3       | 2.3     | 0.79  | 94.5      | 52.0407 | 35.9876 |
| 2009 | 6     | 22  | 11   | 55     | 12     | 0.3       | 2.3     | 0.79  | 92.6      | 51.9751 | 36.3014 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 22  | 12   | 10     | 12     | 0.3       | 2.3     | 0.8   | 96.1      | 52.0407 | 36.4671 |
| 2009 | 6     | 22  | 12   | 25     | 12     | 0.3       | 2.3     | 0.86  | 92.2      | 51.9751 | 38.8152 |
| 2009 | 6     | 22  | 12   | 40     | 12     | 0.3       | 2.3     | 0.88  | 91.9      | 51.9751 | 39.5335 |
| 2009 | 6     | 22  | 12   | 55     | 12     | 0.3       | 2.3     | 0.82  | 91.1      | 52.0407 | 37.3061 |
| 2009 | 6     | 22  | 13   | 10     | 12     | 0.3       | 2.3     | 0.76  | 93.5      | 52.0407 | 34.9089 |
| 2009 | 6     | 22  | 13   | 25     | 12     | 0.3       | 2.3     | 0.85  | 91.5      | 52.0407 | 38.5046 |
| 2009 | 6     | 22  | 13   | 40     | 12     | 0.3       | 2.3     | 0.83  | 93.2      | 51.9751 | 37.7379 |
| 2009 | 6     | 22  | 13   | 55     | 12     | 0.3       | 2.3     | 0.85  | 93.3      | 52.0407 | 38.5046 |
| 2009 | 6     | 22  | 14   | 10     | 12     | 0.3       | 2.3     | 0.84  | 91.1      | 51.9751 | 38.097  |
| 2009 | 6     | 22  | 14   | 25     | 12     | 0.3       | 2.3     | 0.84  | 90.9      | 52.0407 | 37.9054 |
| 2009 | 6     | 22  | 14   | 40     | 12     | 0.3       | 2.3     | 0.87  | 91.7      | 51.9751 | 38.9349 |
| 2009 | 6     | 22  | 14   | 55     | 12     | 0.3       | 2.3     | 0.84  | 90.9      | 51.9751 | 38.097  |
| 2009 | 6     | 22  | 15   | 10     | 12     | 0.3       | 2.3     | 0.84  | 93.6      | 51.9751 | 37.9773 |
| 2009 | 6     | 22  | 15   | 25     | 12     | 0.3       | 2.3     | 0.85  | 92.6      | 51.9095 | 38.4075 |
| 2009 | 6     | 22  | 15   | 40     | 12     | 0.3       | 2.3     | 0.85  | 94        | 51.9751 | 38.3364 |
| 2009 | 6     | 22  | 15   | 55     | 12     | 0.3       | 2.3     | 0.83  | 92.7      | 51.9095 | 37.4511 |
| 2009 | 6     | 22  | 16   | 10     | 12     | 0.3       | 2.3     | 0.85  | 92.2      | 51.9751 | 38.2167 |
| 2009 | 6     | 22  | 16   | 25     | 12     | 0.3       | 2.3     | 0.85  | 92.2      | 51.9095 | 38.4075 |
| 2009 | 6     | 22  | 16   | 40     | 12     | 0.3       | 2.3     | 0.87  | 92.2      | 51.8438 | 38.956  |
| 2009 | 6     | 22  | 16   | 55     | 12     | 0.3       | 2.3     | 0.82  | 93        | 51.8438 | 37.2844 |
| 2009 | 6     | 22  | 17   | 10     | 12     | 0.3       | 2.3     | 0.83  | 92.7      | 51.8438 | 37.6426 |
| 2009 | 6     | 22  | 17   | 25     | 12     | 0.3       | 2.3     | 0.84  | 92.9      | 51.8438 | 37.8814 |
| 2009 | 6     | 22  | 17   | 40     | 12     | 0.3       | 2.3     | 0.84  | 92.2      | 51.7782 | 37.7142 |
| 2009 | 6     | 22  | 17   | 55     | 12     | 0.3       | 2.3     | 0.84  | 92.2      | 51.7782 | 37.8334 |
| 2009 | 6     | 22  | 18   | 10     | 12     | 0.3       | 2.3     | 0.84  | 91.3      | 51.8438 | 37.8814 |
| 2009 | 6     | 22  | 18   | 25     | 12     | 0.3       | 2.3     | 0.85  | 91.5      | 51.7782 | 38.1912 |
| 2009 | 6     | 22  | 18   | 40     | 12     | 0.3       | 2.3     | 0.84  | 92.2      | 51.7126 | 37.9046 |
| 2009 | 6     | 22  | 18   | 55     | 12     | 0.3       | 2.3     | 0.79  | 91.9      | 51.7782 | 35.9254 |
| 2009 | 6     | 22  | 19   | 10     | 12     | 0.3       | 2.3     | 0.87  | 92.8      | 51.7126 | 38.9765 |
| 2009 | 6     | 22  | 19   | 25     | 12     | 0.3       | 2.3     | 0.84  | 93.4      | 51.7126 | 37.6664 |
| 2009 | 6     | 22  | 19   | 40     | 12     | 0.3       | 2.3     | 0.84  | 91.3      | 51.7782 | 37.8334 |
| 2009 | 6     | 22  | 19   | 55     | 12     | 0.3       | 2.3     | 0.81  | 92.5      | 51.8438 | 36.9261 |
| 2009 | 6     | 22  | 20   | 10     | 12     | 0.3       | 2.3     | 0.81  | 92.3      | 51.8438 | 36.9261 |
| 2009 | 6     | 22  | 20   | 25     | 12     | 0.3       | 2.3     | 0.82  | 94.6      | 51.8438 | 37.0456 |
| 2009 | 6     | 22  | 20   | 40     | 12     | 0.3       | 2.3     | 0.84  | 93.1      | 51.8438 | 38.0008 |
| 2009 | 6     | 22  | 20   | 55     | 12     | 0.3       | 2.3     | 0.84  | 90.9      | 51.7782 | 37.8334 |
| 2009 | 6     | 22  | 21   | 10     | 12     | 0.3       | 2.3     | 0.8   | 92.3      | 51.7782 | 36.4024 |
| 2009 | 6     | 22  | 21   | 25     | 12     | 0.3       | 2.3     | 0.83  | 91.1      | 51.8438 | 37.4038 |
| 2009 | 6     | 22  | 21   | 40     | 12     | 0.3       | 2.3     | 0.8   | 91.6      | 51.7782 | 36.4024 |
| 2009 | 6     | 22  | 21   | 55     | 12     | 0.3       | 2.3     | 0.83  | 92.3      | 51.7782 | 37.3564 |
| 2009 | 6     | 22  | 22   | 10     | 12     | 0.3       | 2.3     | 0.8   | 92.3      | 51.7782 | 36.4024 |
| 2009 | 6     | 22  | 22   | 25     | 12     | 0.3       | 2.3     | 0.84  | 91.1      | 51.7782 | 37.7142 |
| 2009 | 6     | 22  | 22   | 40     | 12     | 0.3       | 2.3     | 0.82  | 92.5      | 51.7782 | 37.2372 |
| 2009 | 6     | 22  | 22   | 55     | 12     | 0.3       | 2.3     | 0.82  | 90.9      | 51.7782 | 37.1179 |
| 2009 | 6     | 22  | 23   | 10     | 12     | 0.3       | 2.3     | 0.78  | 92.2      | 51.7782 | 35.5676 |
| 2009 | 6     | 22  | 23   | 25     | 12     | 0.3       | 2.3     | 0.82  | 96        | 51.7782 | 36.9987 |
| 2009 | 6     | 22  | 23   | 40     | 12     | 0.3       | 2.3     | 0.83  | 92.5      | 51.7126 | 37.5473 |
| 2009 | 6     | 22  | 23   | 55     | 12     | 0.3       | 2.3     | 0.8   | 93.8      | 51.7782 | 36.4024 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 23  | 0    | 10     | 12     | 0.3       | 2.3     | 0.82  | 92.3      | 51.7782 | 37.1179 |
| 2009 | 6     | 23  | 0    | 25     | 12     | 0.3       | 2.3     | 0.83  | 91.6      | 51.7782 | 37.4757 |
| 2009 | 6     | 23  | 0    | 40     | 12     | 0.3       | 2.3     | 0.84  | 91.1      | 51.7782 | 37.8334 |
| 2009 | 6     | 23  | 0    | 55     | 12     | 0.3       | 2.3     | 0.86  | 91.3      | 51.7782 | 38.549  |
| 2009 | 6     | 23  | 1    | 10     | 12     | 0.3       | 2.3     | 0.83  | 91.4      | 51.7782 | 37.3564 |
| 2009 | 6     | 23  | 1    | 25     | 12     | 0.3       | 2.3     | 0.8   | 94.5      | 51.7782 | 36.4024 |
| 2009 | 6     | 23  | 1    | 40     | 12     | 0.3       | 2.3     | 0.82  | 93        | 51.7782 | 37.1179 |
| 2009 | 6     | 23  | 1    | 55     | 12     | 0.3       | 2.3     | 0.83  | 92.3      | 51.7782 | 37.3564 |
| 2009 | 6     | 23  | 2    | 10     | 12     | 0.3       | 2.3     | 0.79  | 91.9      | 51.7126 | 36.1181 |
| 2009 | 6     | 23  | 2    | 25     | 12     | 0.3       | 2.3     | 0.8   | 94.5      | 51.7126 | 36.3563 |
| 2009 | 6     | 23  | 2    | 40     | 12     | 0.3       | 2.3     | 0.86  | 92.2      | 51.7126 | 38.6192 |
| 2009 | 6     | 23  | 2    | 55     | 12     | 0.3       | 2.3     | 0.82  | 91.4      | 51.7126 | 36.9518 |
| 2009 | 6     | 23  | 3    | 10     | 12     | 0.3       | 2.3     | 0.84  | 91.8      | 51.7126 | 37.6664 |
| 2009 | 6     | 23  | 3    | 25     | 12     | 0.3       | 2.3     | 0.83  | 91.1      | 51.7126 | 37.3091 |
| 2009 | 6     | 23  | 3    | 40     | 12     | 0.3       | 2.3     | 0.84  | 92.7      | 51.7126 | 37.7855 |
| 2009 | 6     | 23  | 3    | 55     | 12     | 0.3       | 2.3     | 0.81  | 94        | 51.7126 | 36.5945 |
| 2009 | 6     | 23  | 4    | 10     | 12     | 0.3       | 2.3     | 0.83  | 92        | 51.7126 | 37.3091 |
| 2009 | 6     | 23  | 4    | 25     | 12     | 0.3       | 2.3     | 0.84  | 92.5      | 51.7126 | 37.9046 |
| 2009 | 6     | 23  | 4    | 40     | 12     | 0.3       | 2.3     | 0.8   | 92.1      | 51.7126 | 36.2372 |
| 2009 | 6     | 23  | 4    | 55     | 12     | 0.3       | 2.3     | 0.81  | 91.4      | 51.7126 | 36.8327 |
| 2009 | 6     | 23  | 5    | 10     | 12     | 0.3       | 2.3     | 0.8   | 92.1      | 51.7782 | 36.4024 |
| 2009 | 6     | 23  | 5    | 25     | 12     | 0.3       | 2.3     | 0.83  | 94.3      | 51.7126 | 37.3091 |
| 2009 | 6     | 23  | 5    | 40     | 12     | 0.3       | 2.3     | 0.81  | 90.5      | 51.7126 | 36.5945 |
| 2009 | 6     | 23  | 5    | 55     | 12     | 0.3       | 2.3     | 0.8   | 91.2      | 51.7126 | 36.4754 |
| 2009 | 6     | 23  | 6    | 10     | 12     | 0.3       | 2.3     | 0.81  | 92.6      | 51.7126 | 36.5945 |
| 2009 | 6     | 23  | 6    | 25     | 12     | 0.3       | 2.3     | 0.82  | 91.6      | 51.7126 | 37.0709 |
| 2009 | 6     | 23  | 6    | 40     | 12     | 0.3       | 2.3     | 0.8   | 91.9      | 51.7126 | 36.4754 |
| 2009 | 6     | 23  | 6    | 55     | 12     | 0.3       | 2.3     | 0.83  | 92.9      | 51.7126 | 37.4282 |
| 2009 | 6     | 23  | 7    | 10     | 12     | 0.3       | 2.3     | 0.82  | 93.2      | 51.7126 | 37.0709 |
| 2009 | 6     | 23  | 7    | 25     | 12     | 0.3       | 2.3     | 0.78  | 92.6      | 51.647  | 35.5964 |
| 2009 | 6     | 23  | 7    | 40     | 12     | 0.3       | 2.3     | 0.79  | 94.1      | 51.647  | 35.7154 |
| 2009 | 6     | 23  | 7    | 55     | 12     | 0.3       | 2.3     | 0.8   | 90        | 51.647  | 36.4291 |
| 2009 | 6     | 23  | 8    | 10     | 12     | 0.3       | 2.3     | 0.76  | 92.2      | 51.647  | 34.6448 |
| 2009 | 6     | 23  | 8    | 25     | 12     | 0.3       | 2.3     | 0.8   | 91.6      | 51.647  | 36.3101 |
| 2009 | 6     | 23  | 8    | 40     | 12     | 0.3       | 2.3     | 0.82  | 92.1      | 51.647  | 37.1428 |
| 2009 | 6     | 23  | 8    | 55     | 12     | 0.3       | 2.3     | 0.79  | 90.5      | 51.647  | 35.8343 |
| 2009 | 6     | 23  | 9    | 10     | 12     | 0.3       | 2.3     | 0.78  | 91.4      | 51.647  | 35.5964 |
| 2009 | 6     | 23  | 9    | 25     | 12     | 0.3       | 2.3     | 0.83  | 93.6      | 51.647  | 37.1428 |
| 2009 | 6     | 23  | 9    | 40     | 12     | 0.3       | 2.3     | 0.81  | 93.2      | 51.647  | 36.667  |
| 2009 | 6     | 23  | 9    | 55     | 12     | 0.3       | 2.3     | 0.8   | 92.8      | 51.647  | 36.3101 |
| 2009 | 6     | 23  | 10   | 10     | 12     | 0.3       | 2.3     | 0.83  | 90.9      | 51.5814 | 37.2144 |
| 2009 | 6     | 23  | 10   | 25     | 12     | 0.3       | 2.3     | 0.78  | 94.6      | 51.5814 | 35.5512 |
| 2009 | 6     | 23  | 10   | 40     | 12     | 0.3       | 2.3     | 0.77  | 93.7      | 51.5814 | 35.076  |
| 2009 | 6     | 23  | 10   | 55     | 12     | 0.3       | 2.3     | 0.79  | 93.6      | 51.5814 | 35.9076 |
| 2009 | 6     | 23  | 11   | 10     | 12     | 0.3       | 2.3     | 0.82  | 94.4      | 51.5814 | 36.858  |
| 2009 | 6     | 23  | 11   | 25     | 12     | 0.3       | 2.3     | 0.8   | 93        | 51.5158 | 36.3365 |
| 2009 | 6     | 23  | 11   | 40     | 12     | 0.3       | 2.3     | 0.81  | 93.9      | 51.3845 | 36.4807 |
| 2009 | 6     | 23  | 11   | 55     | 12     | 0.3       | 2.3     | 0.81  | 94.9      | 51.4501 | 36.2902 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 23  | 12   | 10     | 12     | 0.3       | 2.3     | 0.82  | 92.3      | 51.3845 | 36.7173 |
| 2009 | 6     | 23  | 12   | 25     | 12     | 0.3       | 2.3     | 0.83  | 92.5      | 51.3845 | 37.0724 |
| 2009 | 6     | 23  | 12   | 40     | 12     | 0.3       | 2.3     | 0.8   | 91.4      | 51.3845 | 36.1256 |
| 2009 | 6     | 23  | 12   | 55     | 12     | 0.3       | 2.3     | 0.8   | 93.5      | 51.3189 | 36.0795 |
| 2009 | 6     | 23  | 13   | 10     | 12     | 0.3       | 2.3     | 0.84  | 94.1      | 51.3189 | 37.2614 |
| 2009 | 6     | 23  | 13   | 25     | 12     | 0.3       | 2.3     | 0.84  | 92.2      | 51.3189 | 37.3796 |
| 2009 | 6     | 23  | 13   | 40     | 12     | 0.3       | 2.3     | 0.84  | 94.2      | 51.3845 | 37.5458 |
| 2009 | 6     | 23  | 13   | 55     | 12     | 0.3       | 2.3     | 0.84  | 92.7      | 51.3845 | 37.4274 |
| 2009 | 6     | 23  | 14   | 10     | 12     | 0.3       | 2.3     | 0.82  | 92.5      | 51.3845 | 36.7173 |
| 2009 | 6     | 23  | 14   | 25     | 12     | 0.3       | 2.3     | 0.81  | 91.2      | 51.3845 | 36.599  |
| 2009 | 6     | 23  | 14   | 40     | 12     | 0.3       | 2.3     | 0.82  | 92.1      | 51.3189 | 36.7886 |
| 2009 | 6     | 23  | 14   | 55     | 12     | 0.3       | 2.3     | 0.83  | 92.5      | 51.3845 | 37.1907 |
| 2009 | 6     | 23  | 15   | 10     | 12     | 0.3       | 2.3     | 0.86  | 91.7      | 51.3189 | 38.3252 |
| 2009 | 6     | 23  | 15   | 25     | 12     | 0.3       | 2.3     | 0.84  | 91.6      | 51.3845 | 37.6641 |
| 2009 | 6     | 23  | 15   | 40     | 12     | 0.3       | 2.3     | 0.86  | 93.3      | 51.3189 | 38.207  |
| 2009 | 6     | 23  | 15   | 55     | 12     | 0.3       | 2.3     | 0.85  | 94.6      | 51.3189 | 37.8524 |
| 2009 | 6     | 23  | 16   | 10     | 12     | 0.3       | 2.3     | 0.84  | 91.8      | 51.3189 | 37.4978 |
| 2009 | 6     | 23  | 16   | 25     | 12     | 0.3       | 2.3     | 0.85  | 92.7      | 51.3189 | 37.8524 |
| 2009 | 6     | 23  | 16   | 40     | 12     | 0.3       | 2.3     | 0.83  | 92.3      | 51.3189 | 37.025  |
| 2009 | 6     | 23  | 16   | 55     | 12     | 0.3       | 2.3     | 0.82  | 91.4      | 51.3189 | 36.9068 |
| 2009 | 6     | 23  | 17   | 10     | 12     | 0.3       | 2.3     | 0.82  | 92.3      | 51.2533 | 36.6236 |
| 2009 | 6     | 23  | 17   | 25     | 12     | 0.3       | 2.3     | 0.81  | 91.6      | 51.2533 | 36.3875 |
| 2009 | 6     | 23  | 17   | 40     | 12     | 0.3       | 2.3     | 0.82  | 92.3      | 51.2533 | 36.8597 |
| 2009 | 6     | 23  | 17   | 55     | 12     | 0.3       | 2.3     | 0.82  | 92.1      | 51.2533 | 36.7416 |
| 2009 | 6     | 23  | 18   | 10     | 12     | 0.3       | 2.3     | 0.84  | 91.6      | 51.2533 | 37.5679 |
| 2009 | 6     | 23  | 18   | 25     | 12     | 0.3       | 2.3     | 0.83  | 91.6      | 51.2533 | 36.9777 |
| 2009 | 6     | 23  | 18   | 40     | 12     | 0.3       | 2.3     | 0.81  | 92.5      | 51.2533 | 36.5055 |
| 2009 | 6     | 23  | 18   | 55     | 12     | 0.3       | 2.3     | 0.81  | 94.4      | 51.2533 | 36.2694 |
| 2009 | 6     | 23  | 19   | 10     | 12     | 0.3       | 2.3     | 0.82  | 92.7      | 51.2533 | 36.7416 |
| 2009 | 6     | 23  | 19   | 25     | 12     | 0.3       | 2.3     | 0.82  | 90.7      | 51.2533 | 36.7416 |
| 2009 | 6     | 23  | 19   | 40     | 12     | 0.3       | 2.3     | 0.82  | 92.1      | 51.1877 | 36.5767 |
| 2009 | 6     | 23  | 19   | 55     | 12     | 0.3       | 2.3     | 0.79  | 93.1      | 51.1877 | 35.6335 |
| 2009 | 6     | 23  | 20   | 10     | 12     | 0.3       | 2.3     | 0.82  | 92.3      | 51.2533 | 36.6236 |
| 2009 | 6     | 23  | 20   | 25     | 12     | 0.3       | 2.3     | 0.82  | 93.9      | 51.2533 | 36.6236 |
| 2009 | 6     | 23  | 20   | 40     | 12     | 0.3       | 2.3     | 0.81  | 93        | 51.2533 | 36.2694 |
| 2009 | 6     | 23  | 20   | 55     | 12     | 0.3       | 2.3     | 0.84  | 93.1      | 51.2533 | 37.3318 |
| 2009 | 6     | 23  | 21   | 10     | 12     | 0.3       | 2.3     | 0.82  | 93        | 51.1877 | 36.8125 |
| 2009 | 6     | 23  | 21   | 25     | 12     | 0.3       | 2.3     | 0.8   | 92.6      | 51.1877 | 35.8693 |
| 2009 | 6     | 23  | 21   | 40     | 12     | 0.3       | 2.3     | 0.8   | 90        | 51.1877 | 35.9872 |
| 2009 | 6     | 23  | 21   | 55     | 12     | 0.3       | 2.3     | 0.82  | 92.1      | 51.1877 | 36.5767 |
| 2009 | 6     | 23  | 22   | 10     | 12     | 0.3       | 2.3     | 0.82  | 92.8      | 51.1877 | 36.5767 |
| 2009 | 6     | 23  | 22   | 25     | 12     | 0.3       | 2.3     | 0.77  | 90        | 51.2533 | 34.9709 |
| 2009 | 6     | 23  | 22   | 40     | 12     | 0.3       | 2.3     | 0.8   | 92.3      | 51.2533 | 36.1514 |
| 2009 | 6     | 23  | 22   | 55     | 12     | 0.3       | 2.3     | 0.81  | 93        | 51.2533 | 36.5055 |
| 2009 | 6     | 23  | 23   | 10     | 12     | 0.3       | 2.3     | 0.78  | 93.2      | 51.1877 | 35.0441 |
| 2009 | 6     | 23  | 23   | 25     | 12     | 0.3       | 2.3     | 0.82  | 91.2      | 51.1877 | 36.5767 |
| 2009 | 6     | 23  | 23   | 40     | 12     | 0.3       | 2.3     | 0.78  | 92.4      | 51.1877 | 35.3978 |
| 2009 | 6     | 23  | 23   | 55     | 12     | 0.3       | 2.3     | 0.81  | 92.3      | 51.1877 | 36.4588 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 24  | 0    | 10     | 12     | 0.3       | 2.3     | 0.79  | 90        | 51.1877 | 35.5156 |
| 2009 | 6     | 24  | 0    | 25     | 12     | 0.3       | 2.3     | 0.76  | 92        | 51.1877 | 34.4546 |
| 2009 | 6     | 24  | 0    | 40     | 12     | 0.3       | 2.3     | 0.79  | 91.7      | 51.1877 | 35.7514 |
| 2009 | 6     | 24  | 0    | 55     | 12     | 0.3       | 2.3     | 0.8   | 91.4      | 51.1877 | 35.9872 |
| 2009 | 6     | 24  | 1    | 10     | 12     | 0.3       | 2.3     | 0.81  | 92.6      | 51.1877 | 36.223  |
| 2009 | 6     | 24  | 1    | 25     | 12     | 0.3       | 2.3     | 0.81  | 91.2      | 51.1877 | 36.3409 |
| 2009 | 6     | 24  | 1    | 40     | 12     | 0.3       | 2.3     | 0.8   | 93        | 51.1877 | 35.9872 |
| 2009 | 6     | 24  | 1    | 55     | 12     | 0.3       | 2.3     | 0.82  | 93.2      | 51.1877 | 36.8125 |
| 2009 | 6     | 24  | 2    | 10     | 12     | 0.3       | 2.3     | 0.84  | 93.1      | 51.1877 | 37.284  |
| 2009 | 6     | 24  | 2    | 25     | 12     | 0.3       | 2.3     | 0.81  | 92.3      | 51.122  | 36.4121 |
| 2009 | 6     | 24  | 2    | 40     | 12     | 0.3       | 2.3     | 0.79  | 91.2      | 51.122  | 35.7056 |
| 2009 | 6     | 24  | 2    | 55     | 12     | 0.3       | 2.3     | 0.85  | 93.8      | 51.122  | 37.7072 |
| 2009 | 6     | 24  | 3    | 10     | 12     | 0.3       | 2.3     | 0.82  | 92.3      | 51.122  | 36.5298 |
| 2009 | 6     | 24  | 3    | 25     | 12     | 0.3       | 2.3     | 0.8   | 92.1      | 51.122  | 35.8233 |
| 2009 | 6     | 24  | 3    | 40     | 12     | 0.3       | 2.3     | 0.78  | 92.2      | 51.122  | 35.3524 |
| 2009 | 6     | 24  | 3    | 55     | 12     | 0.3       | 2.3     | 0.77  | 92.4      | 51.122  | 34.9991 |
| 2009 | 6     | 24  | 4    | 10     | 12     | 0.3       | 2.3     | 0.82  | 93.2      | 51.122  | 36.5298 |
| 2009 | 6     | 24  | 4    | 25     | 12     | 0.3       | 2.3     | 0.8   | 91.4      | 51.0564 | 35.7774 |
| 2009 | 6     | 24  | 4    | 40     | 12     | 0.3       | 2.3     | 0.83  | 90.9      | 51.0564 | 36.9533 |
| 2009 | 6     | 24  | 4    | 55     | 12     | 0.3       | 2.3     | 0.82  | 92.3      | 51.0564 | 36.7181 |
| 2009 | 6     | 24  | 5    | 10     | 12     | 0.3       | 2.3     | 0.8   | 93.3      | 51.0564 | 35.6598 |
| 2009 | 6     | 24  | 5    | 25     | 12     | 0.3       | 2.3     | 0.79  | 92.1      | 51.0564 | 35.6598 |
| 2009 | 6     | 24  | 5    | 40     | 12     | 0.3       | 2.3     | 0.79  | 91.7      | 51.0564 | 35.6598 |
| 2009 | 6     | 24  | 5    | 55     | 12     | 0.3       | 2.3     | 0.79  | 95.5      | 50.9908 | 35.4965 |
| 2009 | 6     | 24  | 6    | 10     | 12     | 0.3       | 2.3     | 0.8   | 94        | 51.0564 | 35.895  |
| 2009 | 6     | 24  | 6    | 25     | 12     | 0.3       | 2.3     | 0.8   | 90.5      | 51.0564 | 35.895  |
| 2009 | 6     | 24  | 6    | 40     | 12     | 0.3       | 2.3     | 0.8   | 91.9      | 50.9908 | 35.7314 |
| 2009 | 6     | 24  | 6    | 55     | 12     | 0.3       | 2.3     | 0.79  | 93.6      | 50.9908 | 35.2616 |
| 2009 | 6     | 24  | 7    | 10     | 12     | 0.3       | 2.3     | 0.8   | 94.9      | 50.9908 | 35.7314 |
| 2009 | 6     | 24  | 7    | 25     | 12     | 0.3       | 2.3     | 0.79  | 93.8      | 50.9908 | 35.3791 |
| 2009 | 6     | 24  | 7    | 40     | 12     | 0.3       | 2.3     | 0.79  | 93.1      | 50.9908 | 35.2616 |
| 2009 | 6     | 24  | 7    | 55     | 12     | 0.3       | 2.3     | 0.8   | 91.9      | 50.9908 | 35.7314 |
| 2009 | 6     | 24  | 8    | 10     | 12     | 0.3       | 2.3     | 0.79  | 95.7      | 51.0564 | 35.307  |
| 2009 | 6     | 24  | 8    | 25     | 12     | 0.3       | 2.3     | 0.78  | 93.1      | 51.0564 | 35.1894 |
| 2009 | 6     | 24  | 8    | 40     | 12     | 0.3       | 2.3     | 0.74  | 95.1      | 51.0564 | 33.7783 |
| 2009 | 6     | 24  | 8    | 55     | 12     | 0.3       | 2.3     | 0.75  | 95.3      | 51.0564 | 34.0135 |
| 2009 | 6     | 24  | 9    | 10     | 12     | 0.3       | 2.3     | 0.79  | 95.2      | 51.0564 | 35.4246 |
| 2009 | 6     | 24  | 9    | 25     | 12     | 0.3       | 2.3     | 0.79  | 93.6      | 51.0564 | 35.307  |
| 2009 | 6     | 24  | 9    | 40     | 12     | 0.3       | 2.3     | 0.75  | 92.3      | 51.0564 | 34.1311 |
| 2009 | 6     | 24  | 9    | 55     | 12     | 0.3       | 2.3     | 0.8   | 92.6      | 51.0564 | 35.7774 |
| 2009 | 6     | 24  | 10   | 10     | 12     | 0.3       | 2.3     | 0.78  | 92.4      | 51.0564 | 35.0718 |
| 2009 | 6     | 24  | 10   | 25     | 12     | 0.3       | 2.3     | 0.78  | 94.6      | 51.0564 | 34.9542 |
| 2009 | 6     | 24  | 10   | 40     | 12     | 0.3       | 2.3     | 0.81  | 93.5      | 51.0564 | 36.0125 |
| 2009 | 6     | 24  | 10   | 55     | 12     | 0.3       | 2.3     | 0.81  | 93.2      | 51.0564 | 36.3653 |
| 2009 | 6     | 24  | 11   | 10     | 12     | 0.3       | 2.3     | 0.83  | 94.3      | 51.0564 | 36.7181 |
| 2009 | 6     | 24  | 11   | 25     | 12     | 0.3       | 2.3     | 0.84  | 97        | 51.0564 | 36.9533 |
| 2009 | 6     | 24  | 11   | 40     | 12     | 0.3       | 2.3     | 0.8   | 92.8      | 51.0564 | 35.895  |
| 2009 | 6     | 24  | 11   | 55     | 12     | 0.3       | 2.3     | 0.83  | 93.2      | 51.0564 | 36.9533 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 24  | 12   | 10     | 12     | 0.3       | 2.3     | 0.85  | 95.1      | 51.0564 | 37.4236 |
| 2009 | 6     | 24  | 12   | 25     | 12     | 0.3       | 2.3     | 0.84  | 92.7      | 51.0564 | 37.4236 |
| 2009 | 6     | 24  | 12   | 40     | 12     | 0.3       | 2.3     | 0.82  | 91.1      | 50.9908 | 36.6709 |
| 2009 | 6     | 24  | 12   | 55     | 12     | 0.3       | 2.3     | 0.83  | 92.5      | 51.0564 | 37.0709 |
| 2009 | 6     | 24  | 13   | 10     | 12     | 0.3       | 2.3     | 0.85  | 94        | 50.9908 | 37.3755 |
| 2009 | 6     | 24  | 13   | 25     | 12     | 0.3       | 2.3     | 0.82  | 93.4      | 51.0564 | 36.7181 |
| 2009 | 6     | 24  | 13   | 40     | 12     | 0.3       | 2.3     | 0.84  | 93.1      | 50.9908 | 37.1407 |
| 2009 | 6     | 24  | 13   | 55     | 12     | 0.3       | 2.3     | 0.86  | 92.6      | 50.9908 | 37.8453 |
| 2009 | 6     | 24  | 14   | 10     | 12     | 0.3       | 2.3     | 0.82  | 91.1      | 51.0564 | 36.7181 |
| 2009 | 6     | 24  | 14   | 25     | 12     | 0.3       | 2.3     | 0.83  | 92.7      | 50.9908 | 36.9058 |
| 2009 | 6     | 24  | 14   | 40     | 12     | 0.3       | 2.3     | 0.83  | 93.6      | 50.9908 | 37.0232 |
| 2009 | 6     | 24  | 14   | 55     | 12     | 0.3       | 2.3     | 0.82  | 93.5      | 50.9908 | 36.3186 |
| 2009 | 6     | 24  | 15   | 10     | 12     | 0.3       | 2.3     | 0.83  | 93.2      | 50.9252 | 36.8583 |
| 2009 | 6     | 24  | 15   | 25     | 12     | 0.3       | 2.3     | 0.8   | 92.8      | 50.9252 | 35.8027 |
| 2009 | 6     | 24  | 15   | 40     | 12     | 0.3       | 2.3     | 0.82  | 91.1      | 50.9252 | 36.5064 |
| 2009 | 6     | 24  | 15   | 55     | 12     | 0.3       | 2.3     | 0.83  | 93.6      | 50.9252 | 36.6237 |
| 2009 | 6     | 24  | 16   | 10     | 12     | 0.3       | 2.3     | 0.8   | 90        | 50.9252 | 35.92   |
| 2009 | 6     | 24  | 16   | 25     | 12     | 0.3       | 2.3     | 0.83  | 94.1      | 50.9252 | 36.8583 |
| 2009 | 6     | 24  | 16   | 40     | 12     | 0.3       | 2.3     | 0.83  | 92.7      | 50.8596 | 36.9279 |
| 2009 | 6     | 24  | 16   | 55     | 12     | 0.3       | 2.3     | 0.8   | 93.5      | 50.8596 | 35.7566 |
| 2009 | 6     | 24  | 17   | 10     | 12     | 0.3       | 2.3     | 0.83  | 91.1      | 50.8596 | 36.6937 |
| 2009 | 6     | 24  | 17   | 25     | 12     | 0.3       | 2.3     | 0.83  | 90.5      | 50.8596 | 36.6937 |
| 2009 | 6     | 24  | 17   | 40     | 12     | 0.3       | 2.3     | 0.81  | 92.8      | 50.8596 | 36.108  |
| 2009 | 6     | 24  | 17   | 55     | 12     | 0.3       | 2.3     | 0.8   | 92.8      | 50.8596 | 35.7566 |
| 2009 | 6     | 24  | 18   | 10     | 12     | 0.3       | 2.3     | 0.8   | 91.4      | 50.794  | 35.5934 |
| 2009 | 6     | 24  | 18   | 25     | 12     | 0.3       | 2.3     | 0.79  | 90        | 50.794  | 35.3595 |
| 2009 | 6     | 24  | 18   | 40     | 12     | 0.3       | 2.3     | 0.79  | 92.1      | 50.7284 | 35.3138 |
| 2009 | 6     | 24  | 18   | 55     | 12     | 0.3       | 2.3     | 0.83  | 92.3      | 50.7284 | 36.599  |
| 2009 | 6     | 24  | 19   | 10     | 12     | 0.3       | 2.3     | 0.84  | 93.8      | 50.7284 | 36.8326 |
| 2009 | 6     | 24  | 19   | 25     | 12     | 0.3       | 2.3     | 0.82  | 92.3      | 50.7284 | 36.3653 |
| 2009 | 6     | 24  | 19   | 40     | 12     | 0.3       | 2.3     | 0.82  | 93.2      | 50.7284 | 36.2485 |
| 2009 | 6     | 24  | 19   | 55     | 12     | 0.3       | 2.3     | 0.78  | 92.6      | 50.7284 | 34.9633 |
| 2009 | 6     | 24  | 20   | 10     | 12     | 0.3       | 2.3     | 0.79  | 91.7      | 50.6627 | 35.1514 |
| 2009 | 6     | 24  | 20   | 25     | 12     | 0.3       | 2.3     | 0.83  | 91.6      | 50.6627 | 36.5516 |
| 2009 | 6     | 24  | 20   | 40     | 12     | 0.3       | 2.3     | 0.81  | 91.6      | 50.6627 | 35.9682 |
| 2009 | 6     | 24  | 20   | 55     | 12     | 0.3       | 2.3     | 0.81  | 93.9      | 50.6627 | 35.9682 |
| 2009 | 6     | 24  | 21   | 10     | 12     | 0.3       | 2.3     | 0.81  | 93.3      | 50.6627 | 35.8515 |
| 2009 | 6     | 24  | 21   | 25     | 12     | 0.3       | 2.3     | 0.82  | 90        | 50.6627 | 36.2016 |
| 2009 | 6     | 24  | 21   | 40     | 12     | 0.3       | 2.3     | 0.81  | 92.1      | 50.6627 | 35.9682 |
| 2009 | 6     | 24  | 21   | 55     | 12     | 0.3       | 2.3     | 0.82  | 92.3      | 50.6627 | 36.2016 |
| 2009 | 6     | 24  | 22   | 10     | 12     | 0.3       | 2.3     | 0.82  | 92.3      | 50.6627 | 36.2016 |
| 2009 | 6     | 24  | 22   | 25     | 12     | 0.3       | 2.3     | 0.81  | 92.8      | 50.5971 | 36.0382 |
| 2009 | 6     | 24  | 22   | 40     | 12     | 0.3       | 2.3     | 0.8   | 92.3      | 50.5971 | 35.572  |
| 2009 | 6     | 24  | 22   | 55     | 12     | 0.3       | 2.3     | 0.79  | 91.9      | 50.5971 | 35.2224 |
| 2009 | 6     | 24  | 23   | 10     | 12     | 0.3       | 2.3     | 0.81  | 92.3      | 50.5971 | 35.8051 |
| 2009 | 6     | 24  | 23   | 25     | 12     | 0.3       | 2.3     | 0.78  | 92.6      | 50.5971 | 34.9894 |
| 2009 | 6     | 24  | 23   | 40     | 12     | 0.3       | 2.3     | 0.79  | 92.1      | 50.5971 | 35.1059 |
| 2009 | 6     | 24  | 23   | 55     | 12     | 0.3       | 2.3     | 0.79  | 93.3      | 50.5971 | 35.1059 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 25  | 0    | 10     | 12     | 0.3       | 2.3     | 0.79  | 91.2      | 50.5971 | 35.339  |
| 2009 | 6     | 25  | 0    | 25     | 12     | 0.3       | 2.3     | 0.81  | 92.3      | 50.5971 | 35.8051 |
| 2009 | 6     | 25  | 0    | 40     | 12     | 0.3       | 2.3     | 0.78  | 91.9      | 50.5315 | 34.944  |
| 2009 | 6     | 25  | 0    | 55     | 12     | 0.3       | 2.3     | 0.83  | 91.8      | 50.5315 | 36.6897 |
| 2009 | 6     | 25  | 1    | 10     | 12     | 0.3       | 2.3     | 0.77  | 90        | 50.5315 | 34.5948 |
| 2009 | 6     | 25  | 1    | 25     | 12     | 0.3       | 2.3     | 0.83  | 92.7      | 50.5315 | 36.5733 |
| 2009 | 6     | 25  | 1    | 40     | 12     | 0.3       | 2.3     | 0.81  | 93.3      | 50.5315 | 35.6423 |
| 2009 | 6     | 25  | 1    | 55     | 12     | 0.3       | 2.3     | 0.79  | 93.1      | 50.5315 | 35.0604 |
| 2009 | 6     | 25  | 2    | 10     | 12     | 0.3       | 2.3     | 0.78  | 92.2      | 50.5315 | 34.8276 |
| 2009 | 6     | 25  | 2    | 25     | 12     | 0.3       | 2.3     | 0.78  | 90.7      | 50.5315 | 34.944  |
| 2009 | 6     | 25  | 2    | 40     | 12     | 0.3       | 2.3     | 0.79  | 94.1      | 50.5315 | 35.0604 |
| 2009 | 6     | 25  | 2    | 55     | 12     | 0.3       | 2.3     | 0.82  | 93.7      | 50.5315 | 36.1078 |
| 2009 | 6     | 25  | 3    | 10     | 12     | 0.3       | 2.3     | 0.8   | 93.5      | 50.5315 | 35.4095 |
| 2009 | 6     | 25  | 3    | 25     | 12     | 0.3       | 2.3     | 0.83  | 93.2      | 50.5315 | 36.5733 |
| 2009 | 6     | 25  | 3    | 40     | 12     | 0.3       | 2.3     | 0.83  | 92.7      | 50.5315 | 36.5733 |
| 2009 | 6     | 25  | 3    | 55     | 12     | 0.3       | 2.3     | 0.82  | 92.7      | 50.5315 | 36.3406 |
| 2009 | 6     | 25  | 4    | 10     | 12     | 0.3       | 2.3     | 0.8   | 91.9      | 50.5315 | 35.6423 |
| 2009 | 6     | 25  | 4    | 25     | 12     | 0.3       | 2.3     | 0.81  | 92.8      | 50.5315 | 35.7587 |
| 2009 | 6     | 25  | 4    | 40     | 12     | 0.3       | 2.3     | 0.83  | 92.7      | 50.5315 | 36.6897 |
| 2009 | 6     | 25  | 4    | 55     | 12     | 0.3       | 2.3     | 0.79  | 92.1      | 50.5315 | 35.2931 |
| 2009 | 6     | 25  | 5    | 10     | 12     | 0.3       | 2.3     | 0.81  | 91.2      | 50.5971 | 35.9216 |
| 2009 | 6     | 25  | 5    | 25     | 12     | 0.3       | 2.3     | 0.79  | 92.4      | 50.5315 | 35.1768 |
| 2009 | 6     | 25  | 5    | 40     | 12     | 0.3       | 2.3     | 0.81  | 90.2      | 50.5315 | 35.9914 |
| 2009 | 6     | 25  | 5    | 55     | 12     | 0.3       | 2.3     | 0.8   | 91.9      | 50.5315 | 35.6423 |
| 2009 | 6     | 25  | 6    | 10     | 12     | 0.3       | 2.3     | 0.81  | 93        | 50.5315 | 35.9914 |
| 2009 | 6     | 25  | 6    | 25     | 12     | 0.3       | 2.3     | 0.81  | 93.7      | 50.5971 | 35.6886 |
| 2009 | 6     | 25  | 6    | 40     | 12     | 0.3       | 2.3     | 0.78  | 91.7      | 50.5971 | 34.9894 |
| 2009 | 6     | 25  | 6    | 55     | 12     | 0.3       | 2.3     | 0.79  | 92.9      | 50.6627 | 35.0347 |
| 2009 | 6     | 25  | 7    | 10     | 12     | 0.3       | 2.3     | 0.78  | 93.1      | 50.7284 | 34.9633 |
| 2009 | 6     | 25  | 7    | 25     | 12     | 0.3       | 2.3     | 0.8   | 91.4      | 50.7284 | 35.5475 |
| 2009 | 6     | 25  | 7    | 40     | 12     | 0.3       | 2.3     | 0.79  | 92.1      | 50.7284 | 35.3138 |
| 2009 | 6     | 25  | 7    | 55     | 12     | 0.3       | 2.3     | 0.81  | 91.6      | 50.7284 | 36.0148 |
| 2009 | 6     | 25  | 8    | 10     | 12     | 0.3       | 2.3     | 0.76  | 93.2      | 50.7284 | 34.0286 |
| 2009 | 6     | 25  | 8    | 25     | 12     | 0.3       | 2.3     | 0.79  | 92.1      | 50.794  | 35.2425 |
| 2009 | 6     | 25  | 8    | 40     | 12     | 0.3       | 2.3     | 0.79  | 90        | 50.794  | 35.3595 |
| 2009 | 6     | 25  | 8    | 55     | 12     | 0.3       | 2.3     | 0.76  | 92.7      | 50.794  | 34.0726 |
| 2009 | 6     | 25  | 9    | 10     | 12     | 0.3       | 2.3     | 0.78  | 93.8      | 50.794  | 35.0085 |
| 2009 | 6     | 25  | 9    | 25     | 12     | 0.3       | 2.3     | 0.79  | 94.5      | 50.794  | 35.2425 |
| 2009 | 6     | 25  | 9    | 40     | 12     | 0.3       | 2.3     | 0.81  | 95.1      | 50.794  | 35.8274 |
| 2009 | 6     | 25  | 9    | 55     | 12     | 0.3       | 2.3     | 0.84  | 94.1      | 50.7284 | 36.8326 |
| 2009 | 6     | 25  | 10   | 10     | 12     | 0.3       | 2.3     | 0.81  | 92.1      | 50.6627 | 35.9682 |
| 2009 | 6     | 25  | 10   | 25     | 12     | 0.3       | 2.3     | 0.78  | 93.4      | 50.6627 | 34.8014 |
| 2009 | 6     | 25  | 10   | 40     | 12     | 0.3       | 2.3     | 0.77  | 91.7      | 50.7284 | 34.7296 |
| 2009 | 6     | 25  | 10   | 55     | 12     | 0.3       | 2.3     | 0.78  | 93.6      | 50.6627 | 34.9181 |
| 2009 | 6     | 25  | 11   | 10     | 12     | 0.3       | 2.3     | 0.8   | 93.1      | 50.6627 | 35.5015 |
| 2009 | 6     | 25  | 11   | 25     | 12     | 0.3       | 2.3     | 0.8   | 92.8      | 50.6627 | 35.6182 |
| 2009 | 6     | 25  | 11   | 40     | 12     | 0.3       | 2.3     | 0.83  | 92        | 50.7284 | 36.599  |
| 2009 | 6     | 25  | 11   | 55     | 12     | 0.3       | 2.3     | 0.8   | 94.5      | 50.6627 | 35.5015 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 25  | 12   | 10     | 12     | 0.3       | 2.3     | 0.8   | 93.1      | 50.6627 | 35.5015 |
| 2009 | 6     | 25  | 12   | 25     | 12     | 0.3       | 2.3     | 0.79  | 92.4      | 50.6627 | 35.3848 |
| 2009 | 6     | 25  | 12   | 40     | 12     | 0.3       | 2.3     | 0.77  | 93.9      | 50.6627 | 34.568  |
| 2009 | 6     | 25  | 12   | 55     | 12     | 0.3       | 2.3     | 0.8   | 91.4      | 50.6627 | 35.6182 |
| 2009 | 6     | 25  | 13   | 10     | 12     | 0.3       | 2.3     | 0.81  | 93.3      | 50.6627 | 35.8515 |
| 2009 | 6     | 25  | 13   | 25     | 12     | 0.3       | 2.3     | 0.82  | 91.1      | 50.7284 | 36.4821 |
| 2009 | 6     | 25  | 13   | 40     | 12     | 0.3       | 2.3     | 0.79  | 92.4      | 50.5971 | 35.1059 |
| 2009 | 6     | 25  | 13   | 55     | 12     | 0.3       | 2.3     | 0.78  | 91.2      | 50.6627 | 34.8014 |
| 2009 | 6     | 25  | 14   | 10     | 12     | 0.3       | 2.3     | 0.81  | 93.2      | 50.5971 | 36.0382 |
| 2009 | 6     | 25  | 14   | 25     | 12     | 0.3       | 2.3     | 0.82  | 92.5      | 50.5971 | 36.1547 |
| 2009 | 6     | 25  | 14   | 40     | 12     | 0.3       | 2.3     | 0.81  | 91.4      | 50.5315 | 35.9914 |
| 2009 | 6     | 25  | 14   | 55     | 12     | 0.3       | 2.3     | 0.81  | 91.6      | 50.5315 | 35.9914 |
| 2009 | 6     | 25  | 15   | 10     | 12     | 0.3       | 2.3     | 0.81  | 91.9      | 50.4659 | 35.7122 |
| 2009 | 6     | 25  | 15   | 25     | 12     | 0.3       | 2.3     | 0.83  | 92.5      | 50.5315 | 36.5733 |
| 2009 | 6     | 25  | 15   | 40     | 12     | 0.3       | 2.3     | 0.79  | 90.5      | 50.4659 | 35.2473 |
| 2009 | 6     | 25  | 15   | 55     | 12     | 0.3       | 2.3     | 0.79  | 92.4      | 50.4003 | 35.0854 |
| 2009 | 6     | 25  | 16   | 10     | 12     | 0.3       | 2.3     | 0.77  | 93.4      | 50.5315 | 34.3621 |
| 2009 | 6     | 25  | 16   | 25     | 12     | 0.3       | 2.3     | 0.79  | 92.9      | 50.4659 | 35.0149 |
| 2009 | 6     | 25  | 16   | 40     | 12     | 0.3       | 2.3     | 0.83  | 90.9      | 50.4003 | 36.3623 |
| 2009 | 6     | 25  | 16   | 55     | 12     | 0.3       | 2.3     | 0.77  | 91.2      | 50.4003 | 34.3889 |
| 2009 | 6     | 25  | 17   | 10     | 12     | 0.3       | 2.3     | 0.79  | 92.1      | 50.4003 | 35.2015 |
| 2009 | 6     | 25  | 17   | 25     | 12     | 0.3       | 2.3     | 0.79  | 90        | 50.4003 | 34.9693 |
| 2009 | 6     | 25  | 17   | 40     | 12     | 0.3       | 2.3     | 0.77  | 92.2      | 50.3347 | 34.3442 |
| 2009 | 6     | 25  | 17   | 55     | 12     | 0.3       | 2.3     | 0.8   | 92.3      | 50.4003 | 35.5497 |
| 2009 | 6     | 25  | 18   | 10     | 12     | 0.3       | 2.3     | 0.82  | 92.3      | 50.3347 | 36.0831 |
| 2009 | 6     | 25  | 18   | 25     | 12     | 0.3       | 2.3     | 0.73  | 90        | 50.3347 | 33.0689 |
| 2009 | 6     | 25  | 18   | 40     | 12     | 0.3       | 2.3     | 0.8   | 93.3      | 50.269  | 35.1098 |
| 2009 | 6     | 25  | 18   | 55     | 12     | 0.3       | 2.3     | 0.83  | 90.5      | 50.3347 | 36.5468 |
| 2009 | 6     | 25  | 19   | 10     | 12     | 0.3       | 2.3     | 0.8   | 91.6      | 50.4003 | 35.4336 |
| 2009 | 6     | 25  | 19   | 25     | 12     | 0.3       | 2.3     | 0.8   | 90.7      | 50.3347 | 35.5034 |
| 2009 | 6     | 25  | 19   | 40     | 12     | 0.3       | 2.3     | 0.8   | 94        | 50.4003 | 35.4336 |
| 2009 | 6     | 25  | 19   | 55     | 12     | 0.3       | 2.3     | 0.78  | 91.2      | 50.3347 | 34.6919 |
| 2009 | 6     | 25  | 20   | 10     | 12     | 0.3       | 2.3     | 0.78  | 91        | 50.4003 | 34.6211 |
| 2009 | 6     | 25  | 20   | 25     | 12     | 0.3       | 2.3     | 0.8   | 92.6      | 50.4003 | 35.4336 |
| 2009 | 6     | 25  | 20   | 40     | 12     | 0.3       | 2.3     | 0.77  | 92.4      | 50.3347 | 34.3442 |
| 2009 | 6     | 25  | 20   | 55     | 12     | 0.3       | 2.3     | 0.8   | 93.3      | 50.3347 | 35.1557 |
| 2009 | 6     | 25  | 21   | 10     | 12     | 0.3       | 2.3     | 0.8   | 90        | 50.3347 | 35.5034 |
| 2009 | 6     | 25  | 21   | 25     | 12     | 0.3       | 2.3     | 0.81  | 91.2      | 50.3347 | 35.6194 |
| 2009 | 6     | 25  | 21   | 40     | 12     | 0.3       | 2.3     | 0.75  | 91.2      | 50.3347 | 33.7645 |
| 2009 | 6     | 25  | 21   | 55     | 12     | 0.3       | 2.3     | 0.83  | 92.7      | 50.3347 | 36.3149 |
| 2009 | 6     | 25  | 22   | 10     | 12     | 0.3       | 2.3     | 0.8   | 91.9      | 50.3347 | 35.2716 |
| 2009 | 6     | 25  | 22   | 25     | 12     | 0.3       | 2.3     | 0.8   | 92.4      | 50.3347 | 35.2716 |
| 2009 | 6     | 25  | 22   | 40     | 12     | 0.3       | 2.3     | 0.78  | 91.2      | 50.3347 | 34.6919 |
| 2009 | 6     | 25  | 22   | 55     | 12     | 0.3       | 2.3     | 0.83  | 92.5      | 50.3347 | 36.5468 |
| 2009 | 6     | 25  | 23   | 10     | 12     | 0.3       | 2.3     | 0.78  | 91.2      | 50.269  | 34.7625 |
| 2009 | 6     | 25  | 23   | 25     | 12     | 0.3       | 2.3     | 0.77  | 91.2      | 50.3347 | 34.4601 |
| 2009 | 6     | 25  | 23   | 40     | 12     | 0.3       | 2.3     | 0.8   | 91.4      | 50.3347 | 35.3875 |
| 2009 | 6     | 25  | 23   | 55     | 12     | 0.3       | 2.3     | 0.8   | 91.2      | 50.3347 | 35.3875 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 26  | 0    | 10     | 12     | 0.3       | 2.3     | 0.79  | 92.8      | 50.3347 | 35.1557 |
| 2009 | 6     | 26  | 0    | 25     | 12     | 0.3       | 2.3     | 0.82  | 93        | 50.3347 | 35.9671 |
| 2009 | 6     | 26  | 0    | 40     | 12     | 0.3       | 2.3     | 0.81  | 93        | 50.3347 | 35.7353 |
| 2009 | 6     | 26  | 0    | 55     | 12     | 0.3       | 2.3     | 0.81  | 91.6      | 50.3347 | 35.8512 |
| 2009 | 6     | 26  | 1    | 10     | 12     | 0.3       | 2.3     | 0.83  | 93.2      | 50.3347 | 36.5468 |
| 2009 | 6     | 26  | 1    | 25     | 12     | 0.3       | 2.3     | 0.77  | 90        | 50.3347 | 34.3442 |
| 2009 | 6     | 26  | 1    | 40     | 12     | 0.3       | 2.3     | 0.8   | 91.2      | 50.3347 | 35.5034 |
| 2009 | 6     | 26  | 1    | 55     | 12     | 0.3       | 2.3     | 0.77  | 92.7      | 50.3347 | 34.2282 |
| 2009 | 6     | 26  | 2    | 10     | 12     | 0.3       | 2.3     | 0.78  | 91.9      | 50.3347 | 34.8079 |
| 2009 | 6     | 26  | 2    | 25     | 12     | 0.3       | 2.3     | 0.78  | 94.6      | 50.3347 | 34.4601 |
| 2009 | 6     | 26  | 2    | 40     | 12     | 0.3       | 2.3     | 0.79  | 95.5      | 50.3347 | 34.9238 |
| 2009 | 6     | 26  | 2    | 55     | 12     | 0.3       | 2.3     | 0.77  | 94.1      | 50.3347 | 34.3442 |
| 2009 | 6     | 26  | 3    | 10     | 12     | 0.3       | 2.3     | 0.79  | 92.6      | 50.3347 | 35.1557 |
| 2009 | 6     | 26  | 3    | 25     | 12     | 0.3       | 2.3     | 0.81  | 94        | 50.3347 | 35.6194 |
| 2009 | 6     | 26  | 3    | 40     | 12     | 0.3       | 2.3     | 0.78  | 94.6      | 50.3347 | 34.4601 |
| 2009 | 6     | 26  | 3    | 55     | 12     | 0.3       | 2.3     | 0.79  | 94        | 50.3347 | 35.0397 |
| 2009 | 6     | 26  | 4    | 10     | 12     | 0.3       | 2.3     | 0.78  | 94.6      | 50.3347 | 34.6919 |
| 2009 | 6     | 26  | 4    | 25     | 12     | 0.3       | 2.3     | 0.82  | 92.5      | 50.3347 | 36.0831 |
| 2009 | 6     | 26  | 4    | 40     | 12     | 0.3       | 2.3     | 0.8   | 93.3      | 50.3347 | 35.2716 |
| 2009 | 6     | 26  | 4    | 55     | 12     | 0.3       | 2.3     | 0.8   | 91.9      | 50.3347 | 35.5034 |
| 2009 | 6     | 26  | 5    | 10     | 12     | 0.3       | 2.3     | 0.81  | 95.8      | 50.3347 | 35.7353 |
| 2009 | 6     | 26  | 5    | 25     | 12     | 0.3       | 2.3     | 0.82  | 95        | 50.3347 | 35.9671 |
| 2009 | 6     | 26  | 5    | 40     | 12     | 0.3       | 2.3     | 0.79  | 93.8      | 50.3347 | 35.0397 |
| 2009 | 6     | 26  | 5    | 55     | 12     | 0.3       | 2.3     | 0.77  | 94.6      | 50.4003 | 34.2728 |
| 2009 | 6     | 26  | 6    | 10     | 12     | 0.3       | 2.3     | 0.81  | 91.6      | 50.4003 | 35.6658 |
| 2009 | 6     | 26  | 6    | 25     | 12     | 0.3       | 2.3     | 0.82  | 92.1      | 50.4003 | 36.1301 |
| 2009 | 6     | 26  | 6    | 40     | 12     | 0.3       | 2.3     | 0.79  | 91.2      | 50.4003 | 35.0854 |
| 2009 | 6     | 26  | 6    | 55     | 12     | 0.3       | 2.3     | 0.8   | 92.6      | 50.4003 | 35.3176 |
| 2009 | 6     | 26  | 7    | 10     | 12     | 0.3       | 2.3     | 0.79  | 92.9      | 50.4003 | 34.8532 |
| 2009 | 6     | 26  | 7    | 25     | 12     | 0.3       | 2.3     | 0.78  | 91.4      | 50.4003 | 34.7372 |
| 2009 | 6     | 26  | 7    | 40     | 12     | 0.3       | 2.3     | 0.8   | 91.2      | 50.4003 | 35.5497 |
| 2009 | 6     | 26  | 7    | 55     | 12     | 0.3       | 2.3     | 0.8   | 91.2      | 50.4659 | 35.596  |
| 2009 | 6     | 26  | 8    | 10     | 12     | 0.3       | 2.3     | 0.79  | 92.9      | 50.4659 | 35.0149 |
| 2009 | 6     | 26  | 8    | 25     | 12     | 0.3       | 2.3     | 0.8   | 91.9      | 50.5315 | 35.4095 |
| 2009 | 6     | 26  | 8    | 40     | 12     | 0.3       | 2.3     | 0.78  | 93.4      | 50.5315 | 34.7112 |
| 2009 | 6     | 26  | 8    | 55     | 12     | 0.3       | 2.3     | 0.77  | 92.2      | 50.5971 | 34.6398 |
| 2009 | 6     | 26  | 9    | 10     | 12     | 0.3       | 2.3     | 0.77  | 93.7      | 50.5971 | 34.2902 |
| 2009 | 6     | 26  | 9    | 25     | 12     | 0.3       | 2.3     | 0.82  | 93.7      | 50.6627 | 36.3183 |
| 2009 | 6     | 26  | 9    | 40     | 12     | 0.3       | 2.3     | 0.79  | 92.6      | 50.6627 | 35.2681 |
| 2009 | 6     | 26  | 9    | 55     | 12     | 0.3       | 2.3     | 0.79  | 91.7      | 50.7284 | 35.4306 |
| 2009 | 6     | 26  | 10   | 10     | 12     | 0.3       | 2.3     | 0.8   | 93.3      | 50.7284 | 35.5475 |
| 2009 | 6     | 26  | 10   | 25     | 12     | 0.3       | 2.3     | 0.81  | 91.6      | 50.7284 | 35.898  |
| 2009 | 6     | 26  | 10   | 40     | 12     | 0.3       | 2.3     | 0.8   | 94        | 50.794  | 35.7104 |
| 2009 | 6     | 26  | 10   | 55     | 12     | 0.3       | 2.3     | 0.77  | 91.7      | 50.794  | 34.7745 |
| 2009 | 6     | 26  | 11   | 10     | 12     | 0.3       | 2.3     | 0.78  | 94.3      | 50.794  | 34.8915 |
| 2009 | 6     | 26  | 11   | 25     | 12     | 0.3       | 2.3     | 0.81  | 93.2      | 50.794  | 36.1784 |
| 2009 | 6     | 26  | 11   | 40     | 12     | 0.3       | 2.3     | 0.8   | 91.4      | 50.794  | 35.5934 |
| 2009 | 6     | 26  | 11   | 55     | 12     | 0.3       | 2.3     | 0.8   | 92.8      | 50.6627 | 35.6182 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 26  | 12   | 10     | 12     | 0.3       | 2.3     | 0.82  | 90.5      | 50.6627 | 36.435  |
| 2009 | 6     | 26  | 12   | 25     | 12     | 0.3       | 2.3     | 0.78  | 91.9      | 50.7284 | 35.0801 |
| 2009 | 6     | 26  | 12   | 40     | 12     | 0.3       | 2.3     | 0.82  | 93.2      | 50.7284 | 36.4821 |
| 2009 | 6     | 26  | 12   | 55     | 12     | 0.3       | 2.3     | 0.81  | 92.3      | 50.7284 | 36.0148 |
| 2009 | 6     | 26  | 13   | 10     | 12     | 0.3       | 2.3     | 0.83  | 90.9      | 50.7284 | 36.8326 |
| 2009 | 6     | 26  | 13   | 25     | 12     | 0.3       | 2.3     | 0.82  | 90        | 50.794  | 36.4123 |
| 2009 | 6     | 26  | 13   | 40     | 12     | 0.3       | 2.3     | 0.81  | 92.3      | 50.7284 | 36.0148 |
| 2009 | 6     | 26  | 13   | 55     | 12     | 0.3       | 2.3     | 0.83  | 91.8      | 50.7284 | 36.599  |
| 2009 | 6     | 26  | 14   | 10     | 12     | 0.3       | 2.3     | 0.83  | 93.6      | 50.7284 | 36.4821 |
| 2009 | 6     | 26  | 14   | 25     | 12     | 0.3       | 2.3     | 0.82  | 93.7      | 50.794  | 36.2954 |
| 2009 | 6     | 26  | 14   | 40     | 12     | 0.3       | 2.3     | 0.82  | 93.2      | 50.794  | 36.2954 |
| 2009 | 6     | 26  | 14   | 55     | 12     | 0.3       | 2.3     | 0.82  | 93.4      | 50.794  | 36.4123 |
| 2009 | 6     | 26  | 15   | 10     | 12     | 0.3       | 2.3     | 0.8   | 92.8      | 50.794  | 35.7104 |
| 2009 | 6     | 26  | 15   | 25     | 12     | 0.3       | 2.3     | 0.81  | 92.3      | 50.794  | 36.1784 |
| 2009 | 6     | 26  | 15   | 40     | 12     | 0.3       | 2.3     | 0.79  | 92.8      | 50.794  | 35.4765 |
| 2009 | 6     | 26  | 15   | 55     | 12     | 0.3       | 2.3     | 0.81  | 92.3      | 50.794  | 36.0614 |
| 2009 | 6     | 26  | 16   | 10     | 12     | 0.3       | 2.3     | 0.72  | 100.8     | 50.8596 | 32.3596 |
| 2009 | 6     | 26  | 16   | 25     | 12     | 0.3       | 2.3     | 0.8   | 91.6      | 50.794  | 35.7104 |
| 2009 | 6     | 26  | 16   | 40     | 12     | 0.3       | 2.3     | 0.82  | 91.8      | 50.794  | 36.5293 |
| 2009 | 6     | 26  | 16   | 55     | 12     | 0.3       | 2.3     | 0.8   | 92.4      | 50.8596 | 35.6394 |
| 2009 | 6     | 26  | 17   | 10     | 12     | 0.3       | 2.3     | 0.82  | 91.4      | 50.8596 | 36.5765 |
| 2009 | 6     | 26  | 17   | 25     | 12     | 0.3       | 2.3     | 0.83  | 92.3      | 50.8596 | 36.9279 |
| 2009 | 6     | 26  | 17   | 40     | 12     | 0.3       | 2.3     | 0.84  | 92.9      | 50.9252 | 37.3274 |
| 2009 | 6     | 26  | 17   | 55     | 12     | 0.3       | 2.3     | 0.81  | 92.1      | 50.8596 | 36.108  |
| 2009 | 6     | 26  | 18   | 10     | 12     | 0.3       | 2.3     | 0.82  | 93.2      | 50.9252 | 36.3891 |
| 2009 | 6     | 26  | 18   | 25     | 12     | 0.3       | 2.3     | 0.82  | 93.5      | 50.9908 | 36.3186 |
| 2009 | 6     | 26  | 18   | 40     | 12     | 0.3       | 2.3     | 0.83  | 91.1      | 50.9252 | 36.8583 |
| 2009 | 6     | 26  | 18   | 55     | 12     | 0.3       | 2.3     | 0.83  | 91.1      | 50.9908 | 36.9058 |
| 2009 | 6     | 26  | 19   | 10     | 12     | 0.3       | 2.3     | 0.81  | 90.7      | 51.0564 | 36.3653 |
| 2009 | 6     | 26  | 19   | 25     | 12     | 0.3       | 2.3     | 0.83  | 92        | 51.122  | 36.883  |
| 2009 | 6     | 26  | 19   | 40     | 12     | 0.3       | 2.3     | 0.82  | 91.2      | 51.1877 | 36.5767 |
| 2009 | 6     | 26  | 19   | 55     | 12     | 0.3       | 2.3     | 0.81  | 93.5      | 51.2533 | 36.2694 |
| 2009 | 6     | 26  | 20   | 10     | 12     | 0.3       | 2.3     | 0.8   | 90.9      | 51.2533 | 36.0333 |
| 2009 | 6     | 26  | 20   | 25     | 12     | 0.3       | 2.3     | 0.83  | 92        | 51.2533 | 36.9777 |
| 2009 | 6     | 26  | 20   | 40     | 12     | 0.3       | 2.3     | 0.83  | 92.3      | 51.2533 | 37.0957 |
| 2009 | 6     | 26  | 20   | 55     | 12     | 0.3       | 2.3     | 0.83  | 91.1      | 51.3189 | 37.025  |
| 2009 | 6     | 26  | 21   | 10     | 12     | 0.3       | 2.3     | 0.81  | 92.6      | 51.3189 | 36.3159 |
| 2009 | 6     | 26  | 21   | 25     | 12     | 0.3       | 2.3     | 0.83  | 92.3      | 51.3189 | 37.1432 |
| 2009 | 6     | 26  | 21   | 40     | 12     | 0.3       | 2.3     | 0.82  | 93.5      | 51.3845 | 36.599  |
| 2009 | 6     | 26  | 21   | 55     | 12     | 0.3       | 2.3     | 0.86  | 92        | 51.3189 | 38.207  |
| 2009 | 6     | 26  | 22   | 10     | 12     | 0.3       | 2.3     | 0.81  | 91.2      | 51.3845 | 36.599  |
| 2009 | 6     | 26  | 22   | 25     | 12     | 0.3       | 2.3     | 0.81  | 90.2      | 51.3845 | 36.3623 |
| 2009 | 6     | 26  | 22   | 40     | 12     | 0.3       | 2.3     | 0.84  | 93.1      | 51.3845 | 37.6641 |
| 2009 | 6     | 26  | 22   | 55     | 12     | 0.3       | 2.3     | 0.81  | 93.2      | 51.3845 | 36.4807 |
| 2009 | 6     | 26  | 23   | 10     | 12     | 0.3       | 2.3     | 0.8   | 91.9      | 51.3845 | 36.0073 |
| 2009 | 6     | 26  | 23   | 25     | 12     | 0.3       | 2.3     | 0.82  | 93.4      | 51.4501 | 36.7642 |
| 2009 | 6     | 26  | 23   | 40     | 12     | 0.3       | 2.3     | 0.81  | 91.6      | 51.4501 | 36.5272 |
| 2009 | 6     | 26  | 23   | 55     | 12     | 0.3       | 2.3     | 0.84  | 91.3      | 51.4501 | 37.5937 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 27  | 0    | 10     | 12     | 0.3       | 2.3     | 0.82  | 92.5      | 51.4501 | 37.0012 |
| 2009 | 6     | 27  | 0    | 25     | 12     | 0.3       | 2.3     | 0.83  | 91.8      | 51.5158 | 37.2857 |
| 2009 | 6     | 27  | 0    | 40     | 12     | 0.3       | 2.3     | 0.86  | 93.9      | 51.5158 | 38.2349 |
| 2009 | 6     | 27  | 0    | 55     | 12     | 0.3       | 2.3     | 0.86  | 92.9      | 51.647  | 38.3323 |
| 2009 | 6     | 27  | 1    | 10     | 12     | 0.3       | 2.3     | 0.82  | 92.5      | 51.7126 | 36.9518 |
| 2009 | 6     | 27  | 1    | 25     | 12     | 0.3       | 2.3     | 0.84  | 93.6      | 51.7782 | 37.9527 |
| 2009 | 6     | 27  | 1    | 40     | 12     | 0.3       | 2.3     | 0.86  | 92.4      | 51.8438 | 38.4784 |
| 2009 | 6     | 27  | 1    | 55     | 12     | 0.3       | 2.3     | 0.81  | 93.2      | 51.8438 | 36.9261 |
| 2009 | 6     | 27  | 2    | 10     | 12     | 0.3       | 2.3     | 0.84  | 90.9      | 51.9095 | 37.8098 |
| 2009 | 6     | 27  | 2    | 25     | 12     | 0.3       | 2.3     | 0.86  | 93        | 51.9095 | 38.7662 |
| 2009 | 6     | 27  | 2    | 40     | 12     | 0.3       | 2.3     | 0.84  | 91.6      | 51.9751 | 37.8576 |
| 2009 | 6     | 27  | 2    | 55     | 12     | 0.3       | 2.3     | 0.81  | 93.7      | 51.9751 | 36.8999 |
| 2009 | 6     | 27  | 3    | 10     | 12     | 0.3       | 2.3     | 0.83  | 91.1      | 51.9751 | 37.4984 |
| 2009 | 6     | 27  | 3    | 25     | 12     | 0.3       | 2.3     | 0.82  | 92.3      | 51.9751 | 37.259  |
| 2009 | 6     | 27  | 3    | 40     | 12     | 0.3       | 2.3     | 0.83  | 92.3      | 51.9751 | 37.7379 |
| 2009 | 6     | 27  | 3    | 55     | 12     | 0.3       | 2.3     | 0.84  | 91.6      | 52.0407 | 38.0252 |
| 2009 | 6     | 27  | 4    | 10     | 12     | 0.3       | 2.3     | 0.81  | 95.3      | 52.0407 | 36.9465 |
| 2009 | 6     | 27  | 4    | 25     | 12     | 0.3       | 2.3     | 0.82  | 91.4      | 52.0407 | 37.3061 |
| 2009 | 6     | 27  | 4    | 40     | 12     | 0.3       | 2.3     | 0.84  | 92        | 52.1063 | 38.0732 |
| 2009 | 6     | 27  | 4    | 55     | 12     | 0.3       | 2.3     | 0.79  | 91.7      | 52.1063 | 36.273  |
| 2009 | 6     | 27  | 5    | 10     | 12     | 0.3       | 2.3     | 0.83  | 92.3      | 52.1719 | 37.8808 |
| 2009 | 6     | 27  | 5    | 25     | 12     | 0.3       | 2.3     | 0.84  | 93.3      | 52.3688 | 38.3856 |
| 2009 | 6     | 27  | 5    | 40     | 12     | 0.3       | 2.3     | 0.82  | 90        | 52.4344 | 37.7091 |
| 2009 | 6     | 27  | 5    | 55     | 12     | 0.3       | 2.3     | 0.84  | 91.3      | 52.4344 | 38.1921 |
| 2009 | 6     | 27  | 6    | 10     | 12     | 0.3       | 2.3     | 0.87  | 94.5      | 52.5    | 39.4491 |
| 2009 | 6     | 27  | 6    | 25     | 12     | 0.3       | 2.3     | 0.7   | 82.4      | 52.5656 | 32.8397 |
| 2009 | 6     | 27  | 6    | 40     | 12     | 0.3       | 2.3     | 0.86  | 90.9      | 52.5656 | 39.0141 |
| 2009 | 6     | 27  | 6    | 55     | 12     | 0.3       | 2.3     | 0.87  | 91.5      | 52.5656 | 39.3773 |
| 2009 | 6     | 27  | 7    | 10     | 12     | 0.3       | 2.3     | 0.84  | 91.6      | 52.5656 | 38.5298 |
| 2009 | 6     | 27  | 7    | 25     | 12     | 0.3       | 2.3     | 0.85  | 92.2      | 52.6312 | 38.8204 |
| 2009 | 6     | 27  | 7    | 40     | 12     | 0.3       | 2.3     | 0.84  | 91.3      | 52.6312 | 38.3355 |
| 2009 | 6     | 27  | 7    | 55     | 12     | 0.3       | 2.3     | 0.82  | 90.9      | 52.6312 | 37.8506 |
| 2009 | 6     | 27  | 8    | 10     | 12     | 0.3       | 2.3     | 0.83  | 93.2      | 52.6312 | 38.0931 |
| 2009 | 6     | 27  | 8    | 25     | 12     | 0.3       | 2.3     | 0.84  | 93.6      | 52.6312 | 38.4567 |
| 2009 | 6     | 27  | 8    | 40     | 12     | 0.3       | 2.3     | 0.87  | 93        | 52.6312 | 39.5477 |
| 2009 | 6     | 27  | 8    | 55     | 12     | 0.3       | 2.3     | 0.81  | 92.1      | 52.6969 | 37.4123 |
| 2009 | 6     | 27  | 9    | 10     | 12     | 0.3       | 2.3     | 0.84  | 92.2      | 52.6969 | 38.626  |
| 2009 | 6     | 27  | 9    | 25     | 12     | 0.3       | 2.3     | 0.85  | 92.7      | 52.6969 | 38.8688 |
| 2009 | 6     | 27  | 9    | 40     | 12     | 0.3       | 2.3     | 0.78  | 91.2      | 52.7625 | 36.3653 |
| 2009 | 6     | 27  | 9    | 55     | 12     | 0.3       | 2.3     | 0.84  | 91.6      | 52.7625 | 38.6741 |
| 2009 | 6     | 27  | 10   | 10     | 12     | 0.3       | 2.3     | 0.83  | 93.2      | 52.8281 | 38.2355 |
| 2009 | 6     | 27  | 10   | 25     | 12     | 0.3       | 2.3     | 0.84  | 92        | 52.8281 | 38.7222 |
| 2009 | 6     | 27  | 10   | 40     | 12     | 0.3       | 2.3     | 0.84  | 91.8      | 52.8281 | 38.6006 |
| 2009 | 6     | 27  | 10   | 55     | 12     | 0.3       | 2.3     | 0.81  | 92.1      | 52.8937 | 37.6739 |
| 2009 | 6     | 27  | 11   | 10     | 12     | 0.3       | 2.3     | 0.86  | 92.8      | 52.8937 | 39.5013 |
| 2009 | 6     | 27  | 11   | 25     | 12     | 0.3       | 2.3     | 0.83  | 91.1      | 52.8937 | 38.4049 |
| 2009 | 6     | 27  | 11   | 40     | 12     | 0.3       | 2.3     | 0.83  | 90.7      | 52.9593 | 38.2086 |
| 2009 | 6     | 27  | 11   | 55     | 12     | 0.3       | 2.3     | 0.83  | 92.3      | 52.9593 | 38.4525 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 27  | 12   | 10     | 12     | 0.3       | 2.3     | 0.83  | 93.4      | 53.0249 | 38.5001 |
| 2009 | 6     | 27  | 12   | 25     | 12     | 0.3       | 2.3     | 0.86  | 91.5      | 53.0249 | 39.355  |
| 2009 | 6     | 27  | 12   | 40     | 12     | 0.3       | 2.3     | 0.89  | 92.3      | 53.0906 | 40.5042 |
| 2009 | 6     | 27  | 12   | 55     | 12     | 0.3       | 2.3     | 0.87  | 93        | 53.0906 | 40.0151 |
| 2009 | 6     | 27  | 13   | 10     | 12     | 0.3       | 2.3     | 0.86  | 90.4      | 53.1562 | 39.6973 |
| 2009 | 6     | 27  | 13   | 25     | 12     | 0.3       | 2.3     | 0.84  | 92.7      | 53.1562 | 38.7179 |
| 2009 | 6     | 27  | 13   | 40     | 12     | 0.3       | 2.3     | 0.86  | 91.3      | 53.1562 | 39.4524 |
| 2009 | 6     | 27  | 13   | 55     | 12     | 0.3       | 2.3     | 0.86  | 92        | 53.2218 | 39.7463 |
| 2009 | 6     | 27  | 14   | 10     | 12     | 0.3       | 2.3     | 0.85  | 92.4      | 53.2218 | 39.1334 |
| 2009 | 6     | 27  | 14   | 25     | 12     | 0.3       | 2.3     | 0.85  | 91.8      | 53.2218 | 39.256  |
| 2009 | 6     | 27  | 14   | 40     | 12     | 0.3       | 2.3     | 0.85  | 90.9      | 53.353  | 39.4756 |
| 2009 | 6     | 27  | 14   | 55     | 12     | 0.3       | 2.3     | 0.87  | 92.4      | 53.2874 | 40.1635 |
| 2009 | 6     | 27  | 15   | 10     | 12     | 0.3       | 2.3     | 0.88  | 92.6      | 53.2218 | 40.2366 |
| 2009 | 6     | 27  | 15   | 25     | 12     | 0.3       | 2.3     | 0.85  | 90        | 53.4186 | 39.5242 |
| 2009 | 6     | 27  | 15   | 40     | 12     | 0.3       | 2.3     | 0.84  | 91.1      | 53.4186 | 39.1551 |
| 2009 | 6     | 27  | 15   | 55     | 12     | 0.3       | 2.3     | 0.85  | 91.8      | 53.4186 | 39.2781 |
| 2009 | 6     | 27  | 16   | 10     | 12     | 0.3       | 2.3     | 0.85  | 93.3      | 53.4843 | 39.3264 |
| 2009 | 6     | 27  | 16   | 25     | 12     | 0.3       | 2.3     | 0.82  | 90        | 53.4843 | 38.4641 |
| 2009 | 6     | 27  | 16   | 40     | 12     | 0.3       | 2.3     | 0.86  | 90.9      | 53.4843 | 39.9423 |
| 2009 | 6     | 27  | 16   | 55     | 12     | 0.3       | 2.3     | 0.88  | 91.3      | 53.5499 | 40.608  |
| 2009 | 6     | 27  | 17   | 10     | 12     | 0.3       | 2.3     | 0.9   | 92.1      | 53.5499 | 41.3479 |
| 2009 | 6     | 27  | 17   | 25     | 12     | 0.3       | 2.3     | 0.86  | 93.7      | 53.5499 | 39.868  |
| 2009 | 6     | 27  | 17   | 40     | 12     | 0.3       | 2.3     | 0.81  | 91.6      | 53.6155 | 38.0645 |
| 2009 | 6     | 27  | 17   | 55     | 12     | 0.3       | 2.3     | 0.87  | 91.3      | 53.6155 | 40.2873 |
| 2009 | 6     | 27  | 18   | 10     | 12     | 0.3       | 2.3     | 0.84  | 93.1      | 53.6155 | 39.2994 |
| 2009 | 6     | 27  | 18   | 25     | 12     | 0.3       | 2.3     | 0.86  | 92.2      | 53.6811 | 40.0893 |
| 2009 | 6     | 27  | 18   | 40     | 12     | 0.3       | 2.3     | 0.83  | 91.4      | 53.6811 | 38.8529 |
| 2009 | 6     | 27  | 18   | 55     | 12     | 0.3       | 2.3     | 0.85  | 90.2      | 53.6811 | 39.7184 |
| 2009 | 6     | 27  | 19   | 10     | 12     | 0.3       | 2.3     | 0.88  | 93.2      | 53.7467 | 40.6334 |
| 2009 | 6     | 27  | 19   | 25     | 12     | 0.3       | 2.3     | 0.88  | 92.1      | 53.7467 | 40.6334 |
| 2009 | 6     | 27  | 19   | 40     | 12     | 0.3       | 2.3     | 0.87  | 91.1      | 53.7467 | 40.2621 |
| 2009 | 6     | 27  | 19   | 55     | 12     | 0.3       | 2.3     | 0.87  | 90        | 53.7467 | 40.5097 |
| 2009 | 6     | 27  | 20   | 10     | 12     | 0.3       | 2.3     | 0.9   | 92.3      | 53.7467 | 41.3762 |
| 2009 | 6     | 27  | 20   | 25     | 12     | 0.3       | 2.3     | 0.88  | 90.6      | 53.7467 | 40.7572 |
| 2009 | 6     | 27  | 20   | 40     | 12     | 0.3       | 2.3     | 0.87  | 89.6      | 53.8123 | 40.3112 |
| 2009 | 6     | 27  | 20   | 55     | 12     | 0.3       | 2.3     | 0.86  | 91.7      | 53.8123 | 40.1873 |
| 2009 | 6     | 27  | 21   | 10     | 12     | 0.3       | 2.3     | 0.87  | 92.2      | 53.8123 | 40.4352 |
| 2009 | 6     | 27  | 21   | 25     | 12     | 0.3       | 2.3     | 0.89  | 91.5      | 53.8123 | 41.1788 |
| 2009 | 6     | 27  | 21   | 40     | 12     | 0.3       | 2.3     | 0.86  | 91.3      | 53.8123 | 40.0634 |
| 2009 | 6     | 27  | 21   | 55     | 12     | 0.3       | 2.3     | 0.88  | 94.1      | 53.8123 | 40.683  |
| 2009 | 6     | 27  | 22   | 10     | 12     | 0.3       | 2.3     | 0.87  | 94.1      | 53.878  | 40.4845 |
| 2009 | 6     | 27  | 22   | 25     | 12     | 0.3       | 2.3     | 0.87  | 92.2      | 53.878  | 40.4845 |
| 2009 | 6     | 27  | 22   | 40     | 12     | 0.3       | 2.3     | 0.87  | 91.1      | 53.878  | 40.3604 |
| 2009 | 6     | 27  | 22   | 55     | 12     | 0.3       | 2.3     | 0.88  | 92.1      | 53.9436 | 40.9065 |
| 2009 | 6     | 27  | 23   | 10     | 12     | 0.3       | 2.3     | 0.88  | 92.1      | 54.0092 | 41.0807 |
| 2009 | 6     | 27  | 23   | 25     | 12     | 0.3       | 2.3     | 0.89  | 93.2      | 54.1404 | 41.3052 |
| 2009 | 6     | 27  | 23   | 40     | 12     | 0.3       | 2.3     | 0.89  | 92.1      | 54.206  | 41.6049 |
| 2009 | 6     | 27  | 23   | 55     | 12     | 0.3       | 2.3     | 0.89  | 92.9      | 54.206  | 41.6049 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 28  | 0    | 10     | 12     | 0.3       | 2.3     | 0.9   | 91.3      | 54.2717 | 41.9053 |
| 2009 | 6     | 28  | 0    | 25     | 12     | 0.3       | 2.3     | 0.9   | 92.1      | 54.2717 | 42.0303 |
| 2009 | 6     | 28  | 0    | 40     | 12     | 0.3       | 2.3     | 0.88  | 91.7      | 54.2717 | 41.2803 |
| 2009 | 6     | 28  | 0    | 55     | 12     | 0.3       | 2.3     | 0.89  | 94.4      | 54.3373 | 41.5805 |
| 2009 | 6     | 28  | 1    | 10     | 12     | 0.3       | 2.3     | 0.87  | 91.9      | 54.3373 | 40.8296 |
| 2009 | 6     | 28  | 1    | 25     | 12     | 0.3       | 2.3     | 0.88  | 91.9      | 54.3373 | 41.0799 |
| 2009 | 6     | 28  | 1    | 40     | 12     | 0.3       | 2.3     | 0.87  | 90.2      | 54.3373 | 40.7045 |
| 2009 | 6     | 28  | 1    | 55     | 12     | 0.3       | 2.3     | 0.9   | 90.6      | 54.4029 | 42.0066 |
| 2009 | 6     | 28  | 2    | 10     | 12     | 0.3       | 2.3     | 0.88  | 94        | 54.4029 | 41.3801 |
| 2009 | 6     | 28  | 2    | 25     | 12     | 0.3       | 2.3     | 0.87  | 92.2      | 54.4029 | 40.8789 |
| 2009 | 6     | 28  | 2    | 40     | 12     | 0.3       | 2.3     | 0.91  | 91        | 54.4029 | 42.2572 |
| 2009 | 6     | 28  | 2    | 55     | 12     | 0.3       | 2.3     | 0.89  | 92.5      | 54.4029 | 41.6307 |
| 2009 | 6     | 28  | 3    | 10     | 12     | 0.3       | 2.3     | 0.86  | 93.1      | 54.4685 | 40.5519 |
| 2009 | 6     | 28  | 3    | 25     | 12     | 0.3       | 2.3     | 0.89  | 90.6      | 54.4685 | 41.5555 |
| 2009 | 6     | 28  | 3    | 40     | 12     | 0.3       | 2.3     | 0.89  | 91.1      | 54.4685 | 41.5555 |
| 2009 | 6     | 28  | 3    | 55     | 12     | 0.3       | 2.3     | 0.9   | 93.1      | 54.5341 | 41.9823 |
| 2009 | 6     | 28  | 4    | 10     | 12     | 0.3       | 2.3     | 0.88  | 91.7      | 54.5997 | 41.2783 |
| 2009 | 6     | 28  | 4    | 25     | 12     | 0.3       | 2.3     | 0.88  | 92.6      | 54.731  | 41.5036 |
| 2009 | 6     | 28  | 4    | 40     | 12     | 0.3       | 2.3     | 0.88  | 92.4      | 54.7966 | 41.4272 |
| 2009 | 6     | 28  | 4    | 55     | 12     | 0.3       | 2.3     | 0.86  | 90.9      | 54.8622 | 40.7186 |
| 2009 | 6     | 28  | 5    | 10     | 12     | 0.3       | 2.3     | 0.9   | 92.5      | 54.8622 | 42.3613 |
| 2009 | 6     | 28  | 5    | 25     | 12     | 0.3       | 2.3     | 0.87  | 90.9      | 54.9278 | 41.3999 |
| 2009 | 6     | 28  | 5    | 40     | 12     | 0.3       | 2.3     | 0.86  | 90.9      | 54.9278 | 40.8938 |
| 2009 | 6     | 28  | 5    | 55     | 12     | 0.3       | 2.3     | 0.88  | 89.6      | 54.9278 | 41.5264 |
| 2009 | 6     | 28  | 6    | 10     | 12     | 0.3       | 2.3     | 0.85  | 91.8      | 54.9934 | 40.4361 |
| 2009 | 6     | 28  | 6    | 25     | 12     | 0.3       | 2.3     | 0.91  | 92.5      | 54.9934 | 42.8426 |
| 2009 | 6     | 28  | 6    | 40     | 12     | 0.3       | 2.3     | 0.86  | 92.4      | 54.9934 | 41.0694 |
| 2009 | 6     | 28  | 6    | 55     | 12     | 0.3       | 2.3     | 0.92  | 93.5      | 54.9934 | 43.0959 |
| 2009 | 6     | 28  | 7    | 10     | 12     | 0.3       | 2.3     | 0.89  | 91.5      | 54.9934 | 42.2093 |
| 2009 | 6     | 28  | 7    | 25     | 12     | 0.3       | 2.3     | 0.85  | 92.2      | 55.0591 | 40.6111 |
| 2009 | 6     | 28  | 7    | 40     | 12     | 0.3       | 2.3     | 0.89  | 94.2      | 55.0591 | 42.2596 |
| 2009 | 6     | 28  | 7    | 55     | 12     | 0.3       | 2.3     | 0.91  | 92.5      | 55.0591 | 42.8937 |
| 2009 | 6     | 28  | 8    | 10     | 12     | 0.3       | 2.3     | 0.91  | 92.9      | 55.0591 | 42.7669 |
| 2009 | 6     | 28  | 8    | 25     | 12     | 0.3       | 2.3     | 0.87  | 92.6      | 55.1247 | 41.2943 |
| 2009 | 6     | 28  | 8    | 40     | 12     | 0.3       | 2.3     | 0.85  | 92        | 55.1247 | 40.5326 |
| 2009 | 6     | 28  | 8    | 55     | 12     | 0.3       | 2.3     | 0.88  | 92.1      | 55.1247 | 41.6752 |
| 2009 | 6     | 28  | 9    | 10     | 12     | 0.3       | 2.3     | 0.89  | 91.7      | 55.1247 | 42.183  |
| 2009 | 6     | 28  | 9    | 25     | 12     | 0.3       | 2.3     | 0.86  | 90.4      | 55.1903 | 41.0892 |
| 2009 | 6     | 28  | 9    | 40     | 12     | 0.3       | 2.3     | 0.87  | 91.9      | 55.1903 | 41.5977 |
| 2009 | 6     | 28  | 9    | 55     | 12     | 0.3       | 2.3     | 0.91  | 91.9      | 55.2559 | 43.047  |
| 2009 | 6     | 28  | 10   | 10     | 12     | 0.3       | 2.3     | 0.87  | 93        | 55.3215 | 41.6966 |
| 2009 | 6     | 28  | 10   | 25     | 12     | 0.3       | 2.3     | 0.89  | 93.4      | 55.3871 | 42.2563 |
| 2009 | 6     | 28  | 10   | 40     | 12     | 0.3       | 2.6     | 0.83  | 90.2      | 55.4528 | 40.1352 |
| 2009 | 6     | 28  | 10   | 55     | 12     | 0.3       | 2.6     | 0.85  | 92        | 55.4528 | 40.9015 |
| 2009 | 6     | 28  | 11   | 10     | 12     | 0.3       | 2.6     | 0.88  | 90.4      | 55.5184 | 42.1007 |
| 2009 | 6     | 28  | 11   | 25     | 12     | 0.3       | 2.6     | 0.91  | 91.4      | 55.5184 | 43.3794 |
| 2009 | 6     | 28  | 11   | 40     | 12     | 0.3       | 2.6     | 0.87  | 91.1      | 55.584  | 41.6384 |
| 2009 | 6     | 28  | 11   | 55     | 12     | 0.3       | 2.6     | 0.88  | 93.4      | 55.584  | 42.0225 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 28  | 12   | 10     | 12     | 0.3       | 2.6     | 0.87  | 92.2      | 55.584  | 41.6384 |
| 2009 | 6     | 28  | 12   | 25     | 12     | 0.3       | 2.6     | 0.9   | 95        | 55.6496 | 42.9692 |
| 2009 | 6     | 28  | 12   | 40     | 12     | 0.3       | 2.6     | 0.88  | 93.6      | 55.584  | 42.1505 |
| 2009 | 6     | 28  | 12   | 55     | 12     | 0.3       | 2.6     | 0.86  | 93.7      | 55.584  | 41.3824 |
| 2009 | 6     | 28  | 13   | 10     | 12     | 0.3       | 2.6     | 0.93  | 93.7      | 55.5184 | 43.8909 |
| 2009 | 6     | 28  | 13   | 25     | 12     | 0.3       | 2.6     | 0.9   | 92.9      | 55.584  | 43.0466 |
| 2009 | 6     | 28  | 13   | 40     | 12     | 0.3       | 2.6     | 0.9   | 95        | 55.584  | 42.6625 |
| 2009 | 6     | 28  | 13   | 55     | 12     | 0.3       | 2.6     | 0.91  | 93.9      | 55.584  | 43.3026 |
| 2009 | 6     | 28  | 14   | 10     | 12     | 0.3       | 2.6     | 0.93  | 93.2      | 55.5184 | 44.0187 |
| 2009 | 6     | 28  | 14   | 25     | 12     | 0.3       | 2.6     | 0.95  | 92.4      | 55.584  | 44.8389 |
| 2009 | 6     | 28  | 14   | 40     | 12     | 0.3       | 2.6     | 0.89  | 93.2      | 55.6496 | 42.4566 |
| 2009 | 6     | 28  | 14   | 55     | 12     | 0.3       | 2.6     | 0.9   | 92.5      | 55.584  | 43.0466 |
| 2009 | 6     | 28  | 15   | 10     | 12     | 0.3       | 2.6     | 0.9   | 91.7      | 55.6496 | 43.0974 |
| 2009 | 6     | 28  | 15   | 25     | 12     | 0.3       | 2.6     | 0.9   | 92.9      | 55.6496 | 42.8411 |
| 2009 | 6     | 28  | 15   | 40     | 12     | 0.3       | 2.6     | 0.9   | 92.1      | 55.6496 | 43.0974 |
| 2009 | 6     | 28  | 15   | 55     | 12     | 0.3       | 2.6     | 0.91  | 92.5      | 55.7152 | 43.4049 |
| 2009 | 6     | 28  | 16   | 10     | 12     | 0.3       | 2.6     | 0.92  | 92.9      | 55.7152 | 43.6615 |
| 2009 | 6     | 28  | 16   | 25     | 12     | 0.3       | 2.6     | 0.93  | 92        | 55.7152 | 44.1748 |
| 2009 | 6     | 28  | 16   | 40     | 12     | 0.3       | 2.6     | 0.93  | 93        | 55.7152 | 44.0465 |
| 2009 | 6     | 28  | 16   | 55     | 12     | 0.3       | 2.6     | 0.91  | 91        | 55.7808 | 43.5845 |
| 2009 | 6     | 28  | 17   | 10     | 12     | 0.3       | 2.6     | 0.9   | 91.9      | 55.7152 | 42.8916 |
| 2009 | 6     | 28  | 17   | 25     | 12     | 0.3       | 2.6     | 0.92  | 93.1      | 55.7808 | 43.8414 |
| 2009 | 6     | 28  | 17   | 40     | 12     | 0.3       | 2.6     | 0.94  | 94.6      | 55.8465 | 44.5361 |
| 2009 | 6     | 28  | 17   | 55     | 12     | 0.3       | 2.6     | 0.9   | 92.1      | 55.9121 | 43.1719 |
| 2009 | 6     | 28  | 18   | 10     | 12     | 0.3       | 2.6     | 0.95  | 91.2      | 55.7808 | 45.1261 |
| 2009 | 6     | 28  | 18   | 25     | 12     | 0.3       | 2.6     | 0.92  | 93.1      | 55.7808 | 43.7129 |
| 2009 | 6     | 28  | 18   | 40     | 12     | 0.3       | 2.6     | 0.92  | 91.8      | 55.9121 | 44.0733 |
| 2009 | 6     | 28  | 18   | 55     | 12     | 0.3       | 2.6     | 0.92  | 91.8      | 55.9121 | 43.8158 |
| 2009 | 6     | 28  | 19   | 10     | 12     | 0.3       | 2.6     | 0.93  | 92.4      | 55.9777 | 44.3829 |
| 2009 | 6     | 28  | 19   | 25     | 12     | 0.3       | 2.6     | 0.9   | 92.3      | 56.0433 | 43.2732 |
| 2009 | 6     | 28  | 19   | 40     | 12     | 0.3       | 2.6     | 0.91  | 93.5      | 56.0433 | 43.7895 |
| 2009 | 6     | 28  | 19   | 55     | 12     | 0.3       | 2.6     | 0.92  | 90.2      | 56.0433 | 43.9186 |
| 2009 | 6     | 28  | 20   | 10     | 12     | 0.3       | 2.6     | 0.9   | 92.5      | 56.0433 | 43.1442 |
| 2009 | 6     | 28  | 20   | 25     | 12     | 0.3       | 2.6     | 0.91  | 91.4      | 56.0433 | 43.7895 |
| 2009 | 6     | 28  | 20   | 40     | 12     | 0.3       | 2.6     | 0.88  | 91.3      | 56.1089 | 42.4193 |
| 2009 | 6     | 28  | 20   | 55     | 12     | 0.3       | 2.6     | 0.9   | 91.9      | 56.1089 | 43.3239 |
| 2009 | 6     | 28  | 21   | 10     | 12     | 0.3       | 2.6     | 0.89  | 91.1      | 56.1089 | 43.0654 |
| 2009 | 6     | 28  | 21   | 25     | 12     | 0.3       | 2.6     | 0.91  | 92.5      | 56.1089 | 43.5824 |
| 2009 | 6     | 28  | 21   | 40     | 12     | 0.3       | 2.6     | 0.91  | 92.5      | 56.1089 | 43.7116 |
| 2009 | 6     | 28  | 21   | 55     | 12     | 0.3       | 2.6     | 0.93  | 92.4      | 56.1089 | 44.6162 |
| 2009 | 6     | 28  | 22   | 10     | 12     | 0.3       | 2.6     | 0.9   | 90.6      | 56.1089 | 43.1947 |
| 2009 | 6     | 28  | 22   | 25     | 12     | 0.3       | 2.6     | 0.94  | 91        | 56.1089 | 44.8746 |
| 2009 | 6     | 28  | 22   | 40     | 12     | 0.3       | 2.6     | 0.89  | 91.1      | 56.1089 | 43.0654 |
| 2009 | 6     | 28  | 22   | 55     | 12     | 0.3       | 2.6     | 0.94  | 90.6      | 56.1089 | 44.8746 |
| 2009 | 6     | 28  | 23   | 10     | 12     | 0.3       | 2.6     | 0.92  | 92.2      | 56.1745 | 44.1508 |
| 2009 | 6     | 28  | 23   | 25     | 12     | 0.3       | 2.6     | 0.93  | 91.8      | 56.1745 | 44.6683 |
| 2009 | 6     | 28  | 23   | 40     | 12     | 0.3       | 2.6     | 0.92  | 91.8      | 56.1745 | 44.0215 |
| 2009 | 6     | 28  | 23   | 55     | 12     | 0.3       | 2.6     | 0.92  | 93.1      | 56.1745 | 44.1508 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 29  | 0    | 10     | 12     | 0.3       | 2.6     | 0.91  | 92.1      | 56.1745 | 43.6333 |
| 2009 | 6     | 29  | 0    | 25     | 12     | 0.3       | 2.6     | 0.93  | 92        | 56.2402 | 44.4615 |
| 2009 | 6     | 29  | 0    | 40     | 12     | 0.3       | 2.6     | 0.9   | 91        | 56.2402 | 43.2957 |
| 2009 | 6     | 29  | 0    | 55     | 12     | 0.3       | 2.6     | 0.94  | 92.4      | 56.2402 | 45.1091 |
| 2009 | 6     | 29  | 1    | 10     | 12     | 0.3       | 2.6     | 0.92  | 92.6      | 56.2402 | 44.3319 |
| 2009 | 6     | 29  | 1    | 25     | 12     | 0.3       | 2.6     | 0.91  | 93.9      | 56.3058 | 43.8649 |
| 2009 | 6     | 29  | 1    | 40     | 12     | 0.3       | 2.6     | 0.89  | 91.1      | 56.437  | 43.1873 |
| 2009 | 6     | 29  | 1    | 55     | 12     | 0.3       | 2.6     | 0.87  | 89.3      | 56.5026 | 42.3265 |
| 2009 | 6     | 29  | 2    | 10     | 12     | 0.3       | 2.6     | 0.92  | 91        | 56.5026 | 44.2786 |
| 2009 | 6     | 29  | 2    | 25     | 12     | 0.3       | 2.6     | 0.91  | 91        | 56.5682 | 43.9391 |
| 2009 | 6     | 29  | 2    | 40     | 12     | 0.3       | 2.6     | 0.93  | 93.2      | 56.5682 | 44.9814 |
| 2009 | 6     | 29  | 2    | 55     | 12     | 0.3       | 2.6     | 0.95  | 93        | 56.5682 | 45.5026 |
| 2009 | 6     | 29  | 3    | 10     | 12     | 0.3       | 2.6     | 0.95  | 91.4      | 56.6339 | 45.5553 |
| 2009 | 6     | 29  | 3    | 25     | 12     | 0.3       | 2.6     | 0.91  | 92.1      | 56.6339 | 44.251  |
| 2009 | 6     | 29  | 3    | 40     | 12     | 0.3       | 2.6     | 0.94  | 90.8      | 56.6339 | 45.164  |
| 2009 | 6     | 29  | 3    | 55     | 12     | 0.3       | 2.6     | 0.9   | 92.7      | 56.6339 | 43.7292 |
| 2009 | 6     | 29  | 4    | 10     | 12     | 0.3       | 2.6     | 0.93  | 92        | 56.6339 | 44.7727 |
| 2009 | 6     | 29  | 4    | 25     | 12     | 0.3       | 2.6     | 0.93  | 90.4      | 56.6995 | 44.9552 |
| 2009 | 6     | 29  | 4    | 40     | 12     | 0.3       | 2.6     | 0.88  | 90        | 56.6995 | 42.8658 |
| 2009 | 6     | 29  | 4    | 55     | 12     | 0.3       | 2.6     | 0.89  | 90.8      | 56.6995 | 43.2575 |
| 2009 | 6     | 29  | 5    | 10     | 12     | 0.3       | 2.6     | 0.9   | 91        | 56.6995 | 43.7799 |
| 2009 | 6     | 29  | 5    | 25     | 12     | 0.3       | 2.6     | 0.93  | 92.4      | 56.6995 | 45.0858 |
| 2009 | 6     | 29  | 5    | 40     | 12     | 0.3       | 2.6     | 0.9   | 90.4      | 56.7651 | 43.8305 |
| 2009 | 6     | 29  | 5    | 55     | 12     | 0.3       | 2.6     | 0.94  | 91.2      | 56.7651 | 45.2687 |
| 2009 | 6     | 29  | 6    | 10     | 12     | 0.3       | 2.6     | 0.91  | 91.6      | 56.7651 | 44.3535 |
| 2009 | 6     | 29  | 6    | 25     | 12     | 0.3       | 2.6     | 0.91  | 91        | 56.7651 | 44.3535 |
| 2009 | 6     | 29  | 6    | 40     | 12     | 0.3       | 2.6     | 0.94  | 91.2      | 56.8307 | 45.5828 |
| 2009 | 6     | 29  | 6    | 55     | 12     | 0.3       | 2.6     | 0.95  | 92        | 56.8963 | 45.8975 |
| 2009 | 6     | 29  | 7    | 10     | 12     | 0.3       | 2.6     | 0.94  | 91.6      | 57.0276 | 45.478  |
| 2009 | 6     | 29  | 7    | 25     | 12     | 0.3       | 2.6     | 0.95  | 92.4      | 57.0932 | 45.9248 |
| 2009 | 6     | 29  | 7    | 40     | 12     | 0.3       | 2.6     | 0.92  | 91.4      | 57.0932 | 45.0043 |
| 2009 | 6     | 29  | 7    | 55     | 12     | 0.3       | 2.6     | 0.91  | 92.1      | 57.1588 | 44.5295 |
| 2009 | 6     | 29  | 8    | 10     | 12     | 0.3       | 2.6     | 0.91  | 92.5      | 57.1588 | 44.3978 |
| 2009 | 6     | 29  | 8    | 25     | 12     | 0.3       | 2.6     | 0.93  | 89.8      | 57.2244 | 45.2396 |
| 2009 | 6     | 29  | 8    | 40     | 12     | 0.3       | 2.6     | 0.95  | 91.4      | 57.2244 | 46.0304 |
| 2009 | 6     | 29  | 8    | 55     | 12     | 0.3       | 2.6     | 0.92  | 90        | 57.2244 | 44.976  |
| 2009 | 6     | 29  | 9    | 10     | 12     | 0.3       | 2.6     | 0.92  | 91.4      | 57.29   | 44.8956 |
| 2009 | 6     | 29  | 9    | 25     | 12     | 0.3       | 2.6     | 0.94  | 90.8      | 57.29   | 45.8192 |
| 2009 | 6     | 29  | 9    | 40     | 12     | 0.3       | 2.6     | 0.92  | 90.8      | 57.29   | 44.8956 |
| 2009 | 6     | 29  | 9    | 55     | 12     | 0.3       | 2.6     | 0.94  | 91.4      | 57.3556 | 45.8717 |
| 2009 | 6     | 29  | 10   | 10     | 12     | 0.3       | 2.6     | 0.91  | 94.1      | 57.3556 | 44.5507 |
| 2009 | 6     | 29  | 10   | 25     | 12     | 0.3       | 2.6     | 0.95  | 91.4      | 57.3556 | 46.1359 |
| 2009 | 6     | 29  | 10   | 40     | 12     | 0.3       | 2.6     | 0.95  | 90        | 57.4213 | 46.321  |
| 2009 | 6     | 29  | 10   | 55     | 12     | 0.3       | 2.6     | 0.94  | 90        | 57.4213 | 45.9242 |
| 2009 | 6     | 29  | 11   | 10     | 12     | 0.3       | 2.6     | 0.97  | 93.1      | 57.4213 | 47.1145 |
| 2009 | 6     | 29  | 11   | 25     | 12     | 0.3       | 2.6     | 0.98  | 91.1      | 57.4213 | 47.6434 |
| 2009 | 6     | 29  | 11   | 40     | 12     | 0.3       | 2.6     | 1.01  | 91.7      | 57.4213 | 48.7014 |
| 2009 | 6     | 29  | 11   | 55     | 12     | 0.3       | 2.6     | 0.99  | 91.1      | 57.4213 | 47.9079 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 29  | 12   | 10     | 12     | 0.3       | 2.6     | 0.98  | 90        | 57.4869 | 47.8303 |
| 2009 | 6     | 29  | 12   | 25     | 12     | 0.3       | 2.6     | 0.95  | 91.8      | 57.4869 | 46.5063 |
| 2009 | 6     | 29  | 12   | 40     | 12     | 0.3       | 2.6     | 0.93  | 90.8      | 57.4869 | 45.7119 |
| 2009 | 6     | 29  | 12   | 55     | 12     | 0.3       | 2.6     | 0.95  | 92        | 57.4869 | 46.2415 |
| 2009 | 6     | 29  | 13   | 10     | 12     | 0.3       | 2.6     | 0.95  | 92        | 57.5525 | 46.5594 |
| 2009 | 6     | 29  | 13   | 25     | 12     | 0.3       | 2.6     | 0.97  | 91.9      | 57.5525 | 47.3547 |
| 2009 | 6     | 29  | 13   | 40     | 12     | 0.3       | 2.6     | 0.95  | 93.2      | 57.5525 | 46.5594 |
| 2009 | 6     | 29  | 13   | 55     | 12     | 0.3       | 2.6     | 0.93  | 90.8      | 57.5525 | 45.499  |
| 2009 | 6     | 29  | 14   | 10     | 12     | 0.3       | 2.6     | 0.96  | 92.7      | 57.4869 | 46.9035 |
| 2009 | 6     | 29  | 14   | 25     | 12     | 0.3       | 2.6     | 0.92  | 91.2      | 57.6181 | 45.2854 |
| 2009 | 6     | 29  | 14   | 40     | 12     | 0.3       | 2.6     | 0.98  | 91.5      | 57.6181 | 47.6741 |
| 2009 | 6     | 29  | 14   | 55     | 12     | 0.3       | 2.6     | 0.98  | 91.1      | 57.4869 | 47.8303 |
| 2009 | 6     | 29  | 15   | 10     | 12     | 0.3       | 2.6     | 0.96  | 90        | 57.6181 | 47.1433 |
| 2009 | 6     | 29  | 15   | 25     | 12     | 0.3       | 2.6     | 0.96  | 92.4      | 57.5525 | 46.6919 |
| 2009 | 6     | 29  | 15   | 40     | 12     | 0.3       | 2.6     | 0.96  | 91.2      | 57.6181 | 47.0106 |
| 2009 | 6     | 29  | 15   | 55     | 12     | 0.3       | 2.6     | 0.96  | 91        | 57.6837 | 46.9312 |
| 2009 | 6     | 29  | 16   | 10     | 12     | 0.3       | 2.6     | 0.93  | 92.6      | 57.6181 | 45.5508 |
| 2009 | 6     | 29  | 16   | 25     | 12     | 0.3       | 2.6     | 0.91  | 91.7      | 57.6837 | 44.9384 |
| 2009 | 6     | 29  | 16   | 40     | 12     | 0.3       | 2.6     | 0.93  | 92        | 57.6837 | 45.7356 |
| 2009 | 6     | 29  | 16   | 55     | 12     | 0.3       | 2.6     | 0.95  | 90.8      | 57.6837 | 46.7984 |
| 2009 | 6     | 29  | 17   | 10     | 12     | 0.3       | 2.6     | 0.93  | 91        | 57.6837 | 45.7356 |
| 2009 | 6     | 29  | 17   | 25     | 12     | 0.3       | 2.6     | 0.97  | 91        | 57.6837 | 47.4627 |
| 2009 | 6     | 29  | 17   | 40     | 12     | 0.3       | 2.6     | 0.95  | 90.8      | 57.6837 | 46.6655 |
| 2009 | 6     | 29  | 17   | 55     | 12     | 0.3       | 2.6     | 0.92  | 88.8      | 57.6837 | 45.337  |
| 2009 | 6     | 29  | 18   | 10     | 12     | 0.3       | 2.6     | 0.93  | 90.6      | 57.6837 | 45.8684 |
| 2009 | 6     | 29  | 18   | 25     | 12     | 0.3       | 2.6     | 0.94  | 91.4      | 57.6181 | 46.0816 |
| 2009 | 6     | 29  | 18   | 40     | 12     | 0.3       | 2.6     | 0.95  | 92        | 57.6181 | 46.6124 |
| 2009 | 6     | 29  | 18   | 55     | 12     | 0.3       | 2.6     | 0.93  | 90.8      | 57.6837 | 45.8684 |
| 2009 | 6     | 29  | 19   | 10     | 12     | 0.3       | 2.6     | 0.97  | 91.2      | 57.6837 | 47.3298 |
| 2009 | 6     | 29  | 19   | 25     | 12     | 0.3       | 2.6     | 0.93  | 90.8      | 57.6837 | 45.7356 |
| 2009 | 6     | 29  | 19   | 40     | 12     | 0.3       | 2.6     | 0.93  | 90.6      | 57.6837 | 45.7356 |
| 2009 | 6     | 29  | 19   | 55     | 12     | 0.3       | 2.6     | 0.96  | 90.2      | 57.6837 | 47.0641 |
| 2009 | 6     | 29  | 20   | 10     | 12     | 0.3       | 2.6     | 0.95  | 91        | 57.7494 | 46.8516 |
| 2009 | 6     | 29  | 20   | 25     | 12     | 0.3       | 2.6     | 0.96  | 92        | 57.7494 | 46.9846 |
| 2009 | 6     | 29  | 20   | 40     | 12     | 0.3       | 2.6     | 0.94  | 91.4      | 57.7494 | 46.1866 |
| 2009 | 6     | 29  | 20   | 55     | 12     | 0.3       | 2.6     | 0.94  | 90.8      | 57.7494 | 46.3196 |
| 2009 | 6     | 29  | 21   | 10     | 12     | 0.3       | 2.6     | 1     | 90.8      | 57.7494 | 48.5807 |
| 2009 | 6     | 29  | 21   | 25     | 12     | 0.3       | 2.6     | 0.95  | 91.6      | 57.7494 | 46.4526 |
| 2009 | 6     | 29  | 21   | 40     | 12     | 0.3       | 2.6     | 0.93  | 90        | 57.7494 | 45.7876 |
| 2009 | 6     | 29  | 21   | 55     | 12     | 0.3       | 2.6     | 0.95  | 91.8      | 57.7494 | 46.5856 |
| 2009 | 6     | 29  | 22   | 10     | 12     | 0.3       | 2.6     | 0.94  | 91.6      | 57.7494 | 46.0536 |
| 2009 | 6     | 29  | 22   | 25     | 12     | 0.3       | 2.6     | 0.95  | 92        | 57.7494 | 46.5856 |
| 2009 | 6     | 29  | 22   | 40     | 12     | 0.3       | 2.6     | 0.97  | 91.8      | 57.7494 | 47.2506 |
| 2009 | 6     | 29  | 22   | 55     | 12     | 0.3       | 2.6     | 0.94  | 90.6      | 57.7494 | 46.1866 |
| 2009 | 6     | 29  | 23   | 10     | 12     | 0.3       | 2.6     | 0.96  | 92.2      | 57.815  | 46.9049 |
| 2009 | 6     | 29  | 23   | 25     | 12     | 0.3       | 2.6     | 0.98  | 91        | 57.815  | 47.9701 |
| 2009 | 6     | 29  | 23   | 40     | 12     | 0.3       | 2.6     | 0.96  | 91        | 57.815  | 47.038  |
| 2009 | 6     | 29  | 23   | 55     | 12     | 0.3       | 2.6     | 0.94  | 89.4      | 57.815  | 46.5054 |



| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 30  | 0    | 10     | 12     | 0.3       | 2.6     | 0.95  | 90        | 57.815  | 46.7717 |
| 2009 | 6     | 30  | 0    | 25     | 12     | 0.3       | 2.6     | 0.96  | 91        | 57.8806 | 47.358  |
| 2009 | 6     | 30  | 0    | 40     | 12     | 0.3       | 2.6     | 0.92  | 91.6      | 57.9462 | 45.6767 |
| 2009 | 6     | 30  | 0    | 55     | 12     | 0.3       | 2.6     | 0.98  | 91.9      | 58.0118 | 48.267  |
| 2009 | 6     | 30  | 1    | 10     | 12     | 0.3       | 2.6     | 0.94  | 90.8      | 58.0774 | 46.449  |
| 2009 | 6     | 30  | 1    | 25     | 12     | 0.3       | 2.6     | 0.92  | 92.2      | 58.0774 | 45.7802 |
| 2009 | 6     | 30  | 1    | 40     | 12     | 0.3       | 2.6     | 0.94  | 91.8      | 58.1431 | 46.6354 |
| 2009 | 6     | 30  | 1    | 55     | 12     | 0.3       | 2.6     | 0.96  | 92.9      | 58.1431 | 47.4389 |
| 2009 | 6     | 30  | 2    | 10     | 12     | 0.3       | 2.6     | 1     | 90        | 58.1431 | 49.1797 |
| 2009 | 6     | 30  | 2    | 25     | 12     | 0.3       | 2.6     | 0.93  | 90.8      | 58.2087 | 46.1518 |
| 2009 | 6     | 30  | 2    | 40     | 12     | 0.3       | 2.6     | 0.97  | 91.8      | 58.2087 | 47.6265 |
| 2009 | 6     | 30  | 2    | 55     | 12     | 0.3       | 2.6     | 0.96  | 91.6      | 58.2087 | 47.2243 |
| 2009 | 6     | 30  | 3    | 10     | 12     | 0.3       | 2.6     | 0.97  | 90        | 58.2087 | 47.7605 |
| 2009 | 6     | 30  | 3    | 25     | 12     | 0.3       | 2.6     | 0.96  | 90.4      | 58.2087 | 47.4924 |
| 2009 | 6     | 30  | 3    | 40     | 12     | 0.3       | 2.6     | 0.94  | 91        | 58.2087 | 46.554  |
| 2009 | 6     | 30  | 3    | 55     | 12     | 0.3       | 2.6     | 0.94  | 90.2      | 58.2743 | 46.7406 |
| 2009 | 6     | 30  | 4    | 10     | 12     | 0.3       | 2.6     | 0.98  | 90        | 58.2743 | 48.217  |
| 2009 | 6     | 30  | 4    | 25     | 12     | 0.3       | 2.6     | 0.94  | 90.4      | 58.2743 | 46.8749 |
| 2009 | 6     | 30  | 4    | 40     | 12     | 0.3       | 2.6     | 0.96  | 91.6      | 58.2743 | 47.6801 |
| 2009 | 6     | 30  | 4    | 55     | 12     | 0.3       | 2.6     | 0.98  | 92.3      | 58.2743 | 48.3512 |
| 2009 | 6     | 30  | 5    | 10     | 12     | 0.3       | 2.6     | 0.96  | 91.8      | 58.2743 | 47.4117 |
| 2009 | 6     | 30  | 5    | 25     | 12     | 0.3       | 2.6     | 0.97  | 91.8      | 58.3399 | 47.7338 |
| 2009 | 6     | 30  | 5    | 40     | 12     | 0.3       | 2.6     | 0.96  | 91        | 58.3399 | 47.5995 |
| 2009 | 6     | 30  | 5    | 55     | 12     | 0.3       | 2.6     | 0.94  | 90        | 58.3399 | 46.5245 |
| 2009 | 6     | 30  | 6    | 10     | 12     | 0.3       | 2.6     | 0.93  | 91.4      | 58.3399 | 46.2558 |
| 2009 | 6     | 30  | 6    | 25     | 12     | 0.3       | 2.6     | 0.95  | 91.6      | 58.3399 | 47.062  |
| 2009 | 6     | 30  | 6    | 40     | 12     | 0.3       | 2.6     | 0.93  | 92.6      | 58.4055 | 46.4424 |
| 2009 | 6     | 30  | 6    | 55     | 12     | 0.3       | 2.6     | 0.93  | 92        | 58.4055 | 46.3078 |
| 2009 | 6     | 30  | 7    | 10     | 12     | 0.3       | 2.6     | 0.96  | 92        | 58.4055 | 47.653  |
| 2009 | 6     | 30  | 7    | 25     | 12     | 0.3       | 2.6     | 0.95  | 91        | 58.4711 | 47.3025 |
| 2009 | 6     | 30  | 7    | 40     | 12     | 0.3       | 2.6     | 0.95  | 91        | 58.4711 | 47.3025 |
| 2009 | 6     | 30  | 7    | 55     | 12     | 0.3       | 2.6     | 0.98  | 92.3      | 58.6024 | 48.6234 |
| 2009 | 6     | 30  | 8    | 10     | 12     | 0.3       | 2.6     | 0.96  | 91        | 58.6024 | 47.6786 |
| 2009 | 6     | 30  | 8    | 25     | 12     | 0.3       | 2.6     | 0.96  | 90.2      | 58.668  | 47.732  |
| 2009 | 6     | 30  | 8    | 40     | 12     | 0.3       | 2.6     | 0.96  | 90        | 58.668  | 47.8672 |
| 2009 | 6     | 30  | 8    | 55     | 12     | 0.3       | 2.6     | 0.96  | 90        | 58.7336 | 48.056  |
| 2009 | 6     | 30  | 9    | 10     | 12     | 0.3       | 2.6     | 0.97  | 91.7      | 58.7336 | 48.3265 |
| 2009 | 6     | 30  | 9    | 25     | 12     | 0.3       | 2.6     | 0.95  | 90.6      | 58.7992 | 47.5679 |
| 2009 | 6     | 30  | 9    | 40     | 12     | 0.3       | 2.6     | 0.93  | 90        | 58.7992 | 46.7554 |
| 2009 | 6     | 30  | 9    | 55     | 12     | 0.3       | 2.6     | 0.95  | 91.6      | 58.7992 | 47.4325 |
| 2009 | 6     | 30  | 10   | 10     | 12     | 0.3       | 2.6     | 0.95  | 91        | 58.7992 | 47.5679 |
| 2009 | 6     | 30  | 10   | 25     | 12     | 0.3       | 2.6     | 0.98  | 91.7      | 58.8648 | 48.7056 |
| 2009 | 6     | 30  | 10   | 40     | 12     | 0.3       | 2.6     | 0.96  | 90        | 58.8648 | 48.1633 |
| 2009 | 6     | 30  | 10   | 55     | 12     | 0.3       | 2.6     | 0.98  | 92.1      | 58.8648 | 48.8412 |
| 2009 | 6     | 30  | 11   | 10     | 12     | 0.3       | 2.6     | 0.99  | 93        | 58.8648 | 49.1124 |
| 2009 | 6     | 30  | 11   | 25     | 12     | 0.3       | 2.6     | 0.99  | 91.9      | 58.8648 | 49.3835 |
| 2009 | 6     | 30  | 11   | 40     | 12     | 0.3       | 2.6     | 0.97  | 92.5      | 58.8648 | 48.4345 |
| 2009 | 6     | 30  | 11   | 55     | 12     | 0.3       | 2.6     | 0.96  | 92        | 58.8648 | 47.7566 |

| Year | Month | Day | Hour | Minute | Second | CellBegin | CellEnd | Speed | Direction | Area    | Flow    |
|------|-------|-----|------|--------|--------|-----------|---------|-------|-----------|---------|---------|
| 2009 | 6     | 30  | 12   | 10     | 12     | 0.3       | 2.6     | 1     | 91.9      | 58.9305 | 49.71   |
| 2009 | 6     | 30  | 12   | 25     | 12     | 0.3       | 2.6     | 0.98  | 90.8      | 58.7992 | 48.9222 |
| 2009 | 6     | 30  | 12   | 40     | 12     | 0.3       | 2.6     | 1     | 90.8      | 58.7992 | 49.4639 |
| 2009 | 6     | 30  | 12   | 55     | 12     | 0.3       | 2.6     | 0.99  | 93        | 58.7992 | 49.0576 |
| 2009 | 6     | 30  | 13   | 10     | 12     | 0.3       | 2.6     | 1.01  | 91.1      | 58.7336 | 49.9498 |
| 2009 | 6     | 30  | 13   | 25     | 12     | 0.3       | 2.6     | 0.99  | 91.9      | 58.7992 | 49.193  |
| 2009 | 6     | 30  | 13   | 40     | 12     | 0.3       | 2.6     | 0.97  | 91        | 58.7336 | 48.3265 |
| 2009 | 6     | 30  | 13   | 55     | 12     | 0.3       | 2.6     | 0.98  | 92.7      | 58.7336 | 48.4618 |
| 2009 | 6     | 30  | 14   | 10     | 12     | 0.3       | 2.6     | 0.99  | 90        | 58.7336 | 49.1381 |
| 2009 | 6     | 30  | 14   | 25     | 12     | 0.3       | 2.6     | 1.02  | 92.6      | 58.7336 | 50.3556 |
| 2009 | 6     | 30  | 14   | 40     | 12     | 0.3       | 2.6     | 1.02  | 93.3      | 58.7336 | 50.2203 |
| 2009 | 6     | 30  | 14   | 55     | 12     | 0.3       | 2.6     | 0.97  | 91.5      | 58.7336 | 48.4618 |
| 2009 | 6     | 30  | 15   | 10     | 12     | 0.3       | 2.6     | 0.99  | 90.8      | 58.7336 | 49.2734 |
| 2009 | 6     | 30  | 15   | 25     | 12     | 0.3       | 2.6     | 0.93  | 90.4      | 58.7336 | 46.7032 |
| 2009 | 6     | 30  | 15   | 40     | 12     | 0.3       | 2.6     | 0.98  | 90.8      | 58.7336 | 48.597  |
| 2009 | 6     | 30  | 15   | 55     | 12     | 0.3       | 2.6     | 0.94  | 89.8      | 58.7336 | 47.1091 |
| 2009 | 6     | 30  | 16   | 10     | 12     | 0.3       | 2.6     | 0.95  | 91.4      | 58.7992 | 47.4325 |
| 2009 | 6     | 30  | 16   | 25     | 12     | 0.3       | 2.6     | 0.95  | 90        | 58.7992 | 47.7034 |
| 2009 | 6     | 30  | 16   | 40     | 12     | 0.3       | 2.6     | 0.98  | 91.2      | 58.7992 | 48.6513 |
| 2009 | 6     | 30  | 16   | 55     | 12     | 0.3       | 2.6     | 0.97  | 90        | 58.7992 | 48.3805 |
| 2009 | 6     | 30  | 17   | 10     | 12     | 0.3       | 2.6     | 1.01  | 90.7      | 58.7992 | 49.8701 |
| 2009 | 6     | 30  | 17   | 25     | 12     | 0.3       | 2.6     | 1.02  | 91.7      | 58.7336 | 50.3556 |
| 2009 | 6     | 30  | 17   | 40     | 12     | 0.3       | 2.6     | 0.97  | 89.8      | 58.7336 | 48.4618 |
| 2009 | 6     | 30  | 17   | 55     | 12     | 0.3       | 2.6     | 1.02  | 90.7      | 58.7336 | 50.3556 |
| 2009 | 6     | 30  | 18   | 10     | 12     | 0.3       | 2.6     | 1     | 91.1      | 58.7992 | 49.4639 |
| 2009 | 6     | 30  | 18   | 25     | 12     | 0.3       | 2.6     | 0.99  | 90.8      | 58.7336 | 49.1381 |
| 2009 | 6     | 30  | 18   | 40     | 12     | 0.3       | 2.6     | 0.96  | 91        | 58.7992 | 47.8388 |
| 2009 | 6     | 30  | 18   | 55     | 12     | 0.3       | 2.6     | 0.95  | 90.2      | 58.7992 | 47.4325 |
| 2009 | 6     | 30  | 19   | 10     | 12     | 0.3       | 2.6     | 0.96  | 91        | 58.7992 | 47.8388 |
| 2009 | 6     | 30  | 19   | 25     | 12     | 0.3       | 2.6     | 0.97  | 91        | 58.7992 | 48.5159 |
| 2009 | 6     | 30  | 19   | 40     | 12     | 0.3       | 2.6     | 0.94  | 91.2      | 58.7992 | 46.8908 |
| 2009 | 6     | 30  | 19   | 55     | 12     | 0.3       | 2.6     | 0.94  | 90.2      | 58.7992 | 46.8908 |
| 2009 | 6     | 30  | 20   | 10     | 12     | 0.3       | 2.6     | 0.95  | 92.2      | 58.7992 | 47.5679 |
| 2009 | 6     | 30  | 20   | 25     | 12     | 0.3       | 2.6     | 0.98  | 92.5      | 58.8648 | 48.8412 |
| 2009 | 6     | 30  | 20   | 40     | 12     | 0.3       | 2.6     | 0.97  | 91.4      | 58.8648 | 48.4345 |
| 2009 | 6     | 30  | 20   | 55     | 12     | 0.3       | 2.6     | 0.98  | 91.7      | 58.8648 | 48.7056 |
| 2009 | 6     | 30  | 21   | 10     | 12     | 0.3       | 2.6     | 0.96  | 90.8      | 58.9305 | 48.217  |
| 2009 | 6     | 30  | 21   | 25     | 12     | 0.3       | 2.6     | 0.97  | 91.8      | 58.9305 | 48.217  |
| 2009 | 6     | 30  | 21   | 40     | 12     | 0.3       | 2.6     | 0.96  | 91.4      | 58.9305 | 48.217  |
| 2009 | 6     | 30  | 21   | 55     | 12     | 0.3       | 2.6     | 0.98  | 90.6      | 58.9305 | 48.7599 |
| 2009 | 6     | 30  | 22   | 10     | 12     | 0.3       | 2.6     | 0.99  | 91.7      | 58.9305 | 49.1671 |
| 2009 | 6     | 30  | 22   | 25     | 12     | 0.3       | 2.6     | 0.97  | 92.7      | 58.9305 | 48.217  |
| 2009 | 6     | 30  | 22   | 40     | 12     | 0.3       | 2.6     | 0.93  | 91.8      | 58.9305 | 46.724  |
| 2009 | 6     | 30  | 22   | 55     | 12     | 0.3       | 2.6     | 0.99  | 91.9      | 58.9961 | 49.3577 |
| 2009 | 6     | 30  | 23   | 10     | 12     | 0.3       | 2.6     | 1.01  | 91.7      | 58.9961 | 50.0371 |
| 2009 | 6     | 30  | 23   | 25     | 12     | 0.3       | 2.6     | 0.96  | 90.2      | 58.9961 | 48.1348 |
| 2009 | 6     | 30  | 23   | 40     | 12     | 0.3       | 2.6     | 0.98  | 90.2      | 58.9961 | 48.8142 |
| 2009 | 6     | 30  | 23   | 55     | 12     | 0.3       | 2.6     | 0.98  | 91        | 58.9961 | 48.9501 |

Pumpback Station Discharge

| REPORT DATE | READING |
|-------------|---------|
| 6/1/2009    | 42      |
| 6/2/2009    | 44      |
| 6/3/2009    | 42      |
| 6/4/2009    | 45      |
| 6/5/2009    | 45      |
| 6/6/2009    | 46      |
| 6/7/2009    | 46      |
| 6/8/2009    | 46      |
| 6/9/2009    | 47      |
| 6/10/2009   | 47      |
| 6/11/2009   | 46      |
| 6/12/2009   | 45      |
| 6/13/2009   | 46      |
| 6/14/2009   | 43      |
| 6/15/2009   | 37      |
| 6/16/2009   | 36      |
| 6/17/2009   | 35      |
| 6/18/2009   | 34      |
| 6/19/2009   | 34      |
| 6/20/2009   | 33      |
| 6/21/2009   | 33      |
| 6/22/2009   | 32      |
| 6/23/2009   | 31      |
| 6/24/2009   | 30      |
| 6/25/2009   | 28      |
| 6/26/2009   | 28      |
| 6/27/2009   | 29      |
| 6/28/2009   | 32      |
| 6/29/2009   | 37      |
| 6/30/2009   | 40      |
|             |         |

Langemann Gate to Delta

| REPORT DATE | READING |
|-------------|---------|
| 6/1/2009    | 6       |
| 6/2/2009    | 5       |
| 6/3/2009    | 5       |
| 6/4/2009    | 5       |
| 6/5/2009    | 6       |
| 6/6/2009    | 6       |
| 6/7/2009    | 6       |
| 6/8/2009    | 6       |
| 6/9/2009    | 6       |
| 6/10/2009   | 5       |
| 6/11/2009   | 6       |
| 6/12/2009   | 5       |
| 6/13/2009   | 6       |
| 6/14/2009   | 6       |
| 6/15/2009   | 6       |
| 6/16/2009   | 6       |
| 6/17/2009   | 6       |
| 6/18/2009   | 6       |
| 6/19/2009   | 6       |
| 6/20/2009   | 5       |
| 6/21/2009   | 6       |
| 6/22/2009   | 6       |
| 6/23/2009   | 6       |
| 6/24/2009   | 5       |
| 6/25/2009   | 6       |
| 6/26/2009   | 5       |
| 6/27/2009   | 6       |
| 6/28/2009   | 6       |
| 6/29/2009   | 6       |
| 6/30/2009   | 6       |
|             |         |

Pumpback Station Weir to Delta

| REPORT DATE | READING |
|-------------|---------|
| 6/1/2009    | 0       |
| 6/2/2009    | 0       |
| 6/3/2009    | 0       |
| 6/4/2009    | 0       |
| 6/5/2009    | 0       |
| 6/6/2009    | 3       |
| 6/7/2009    | 13      |
| 6/8/2009    | 16      |
| 6/9/2009    | 16      |
| 6/10/2009   | 14      |
| 6/11/2009   | 11      |
| 6/12/2009   | 6       |
| 6/13/2009   | 1       |
| 6/14/2009   | 0       |
| 6/15/2009   | 0       |
| 6/16/2009   | 0       |
| 6/17/2009   | 0       |
| 6/18/2009   | 0       |
| 6/19/2009   | 0       |
| 6/20/2009   | 0       |
| 6/21/2009   | 0       |
| 6/22/2009   | 0       |
| 6/23/2009   | 0       |
| 6/24/2009   | 0       |
| 6/25/2009   | 0       |
| 6/26/2009   | 0       |
| 6/27/2009   | 0       |
| 6/28/2009   | 0       |
| 6/29/2009   | 0       |
| 6/30/2009   | 0       |
|             |         |

|                     |                     |                      |                      |
|---------------------|---------------------|----------------------|----------------------|
| 6/1/09 0:00 == 34.6 | 6/1/09 4:40 == 34.7 | 6/1/09 9:20 == 46.8  | 6/1/09 14:00 == 47.2 |
| 6/1/09 0:05 == 34.6 | 6/1/09 4:45 == 34.8 | 6/1/09 9:25 == 47.1  | 6/1/09 14:05 == 47.4 |
| 6/1/09 0:10 == 34.5 | 6/1/09 4:50 == 34.7 | 6/1/09 9:30 == 46.6  | 6/1/09 14:10 == 47.2 |
| 6/1/09 0:15 == 34.6 | 6/1/09 4:55 == 34.8 | 6/1/09 9:35 == 46.8  | 6/1/09 14:15 == 47.3 |
| 6/1/09 0:20 == 34.6 | 6/1/09 5:00 == 34.7 | 6/1/09 9:40 == 46.7  | 6/1/09 14:20 == 47.4 |
| 6/1/09 0:25 == 34.6 | 6/1/09 5:05 == 34.6 | 6/1/09 9:45 == 47.1  | 6/1/09 14:25 == 47.4 |
| 6/1/09 0:30 == 34.5 | 6/1/09 5:10 == 34.5 | 6/1/09 9:50 == 47    | 6/1/09 14:30 == 47.3 |
| 6/1/09 0:35 == 34.6 | 6/1/09 5:15 == 34.5 | 6/1/09 9:55 == 46.9  | 6/1/09 14:35 == 47.3 |
| 6/1/09 0:40 == 34.5 | 6/1/09 5:20 == 34.6 | 6/1/09 10:00 == 47.2 | 6/1/09 14:40 == 47   |
| 6/1/09 0:45 == 34.7 | 6/1/09 5:25 == 34.4 | 6/1/09 10:05 == 47.1 | 6/1/09 14:45 == 47.5 |
| 6/1/09 0:50 == 34.6 | 6/1/09 5:30 == 34.5 | 6/1/09 10:10 == 47.2 | 6/1/09 14:50 == 47.5 |
| 6/1/09 0:55 == 34.5 | 6/1/09 5:35 == 34.4 | 6/1/09 10:15 == 47.2 | 6/1/09 14:55 == 47.1 |
| 6/1/09 1:00 == 34.6 | 6/1/09 5:40 == 34.4 | 6/1/09 10:20 == 47.2 | 6/1/09 15:00 == 47.1 |
| 6/1/09 1:05 == 34.5 | 6/1/09 5:45 == 34.4 | 6/1/09 10:25 == 47.1 | 6/1/09 15:05 == 47.3 |
| 6/1/09 1:10 == 34.6 | 6/1/09 5:50 == 34.3 | 6/1/09 10:30 == 47.4 | 6/1/09 15:10 == 46.3 |
| 6/1/09 1:15 == 34.5 | 6/1/09 5:55 == 34.3 | 6/1/09 10:35 == 47.2 | 6/1/09 15:15 == 46.5 |
| 6/1/09 1:20 == 34.5 | 6/1/09 6:00 == 34.4 | 6/1/09 10:40 == 47.3 | 6/1/09 15:20 == 46.5 |
| 6/1/09 1:25 == 34.4 | 6/1/09 6:05 == 34.3 | 6/1/09 10:45 == 47.6 | 6/1/09 15:25 == 46.6 |
| 6/1/09 1:30 == 34.6 | 6/1/09 6:10 == 34.4 | 6/1/09 10:50 == 47.6 | 6/1/09 15:30 == 46.4 |
| 6/1/09 1:35 == 34.7 | 6/1/09 6:15 == 34.3 | 6/1/09 10:55 == 47.7 | 6/1/09 15:35 == 46.5 |
| 6/1/09 1:40 == 34.5 | 6/1/09 6:20 == 34.5 | 6/1/09 11:00 == 47.7 | 6/1/09 15:40 == 46.5 |
| 6/1/09 1:45 == 34.5 | 6/1/09 6:25 == 34.5 | 6/1/09 11:05 == 47.5 | 6/1/09 15:45 == 46.5 |
| 6/1/09 1:50 == 34.5 | 6/1/09 6:30 == 34.5 | 6/1/09 11:10 == 47.4 | 6/1/09 15:50 == 46.7 |
| 6/1/09 1:55 == 34.5 | 6/1/09 6:35 == 34.5 | 6/1/09 11:15 == 47.6 | 6/1/09 15:55 == 46.7 |
| 6/1/09 2:00 == 34.6 | 6/1/09 6:40 == 34.4 | 6/1/09 11:20 == 47.7 | 6/1/09 16:00 == 46.7 |
| 6/1/09 2:05 == 34.5 | 6/1/09 6:45 == 34.5 | 6/1/09 11:25 == 47.7 | 6/1/09 16:05 == 46.7 |
| 6/1/09 2:10 == 34.4 | 6/1/09 6:50 == 34.4 | 6/1/09 11:30 == 47.7 | 6/1/09 16:10 == 46.8 |
| 6/1/09 2:15 == 34.5 | 6/1/09 6:55 == 34.5 | 6/1/09 11:35 == 47.5 | 6/1/09 16:15 == 47.1 |
| 6/1/09 2:20 == 34.4 | 6/1/09 7:00 == 34.5 | 6/1/09 11:40 == 47.3 | 6/1/09 16:20 == 46.9 |
| 6/1/09 2:25 == 34.3 | 6/1/09 7:05 == 34.4 | 6/1/09 11:45 == 47.2 | 6/1/09 16:25 == 46.6 |
| 6/1/09 2:30 == 34.4 | 6/1/09 7:10 == 35.3 | 6/1/09 11:50 == 47.1 | 6/1/09 16:30 == 46.5 |
| 6/1/09 2:35 == 34.6 | 6/1/09 7:15 == 35.3 | 6/1/09 11:55 == 47.5 | 6/1/09 16:35 == 46.5 |
| 6/1/09 2:40 == 34.4 | 6/1/09 7:20 == 35.5 | 6/1/09 12:00 == 47.7 | 6/1/09 16:40 == 46.6 |
| 6/1/09 2:45 == 34.6 | 6/1/09 7:25 == 35.4 | 6/1/09 12:05 == 47.6 | 6/1/09 16:45 == 46.4 |
| 6/1/09 2:50 == 34.5 | 6/1/09 7:30 == 35.6 | 6/1/09 12:10 == 47.5 | 6/1/09 16:50 == 46.3 |
| 6/1/09 2:55 == 34.6 | 6/1/09 7:35 == 36.2 | 6/1/09 12:15 == 47.7 | 6/1/09 16:55 == 46.4 |
| 6/1/09 3:00 == 34.5 | 6/1/09 7:40 == 36.2 | 6/1/09 12:20 == 47.6 | 6/1/09 17:00 == 46.3 |
| 6/1/09 3:05 == 34.6 | 6/1/09 7:45 == 36.3 | 6/1/09 12:25 == 47.5 | 6/1/09 17:05 == 46.4 |
| 6/1/09 3:10 == 34.5 | 6/1/09 7:50 == 36.2 | 6/1/09 12:30 == 47.5 | 6/1/09 17:10 == 46.4 |
| 6/1/09 3:15 == 34.6 | 6/1/09 7:55 == 36.1 | 6/1/09 12:35 == 47.4 | 6/1/09 17:15 == 46.3 |
| 6/1/09 3:20 == 34.6 | 6/1/09 8:00 == 36.4 | 6/1/09 12:40 == 47.5 | 6/1/09 17:20 == 46.4 |
| 6/1/09 3:25 == 34.7 | 6/1/09 8:05 == 36.2 | 6/1/09 12:45 == 47.5 | 6/1/09 17:25 == 46.4 |
| 6/1/09 3:30 == 34.5 | 6/1/09 8:10 == 36.2 | 6/1/09 12:50 == 47.5 | 6/1/09 17:30 == 46.5 |
| 6/1/09 3:35 == 34.6 | 6/1/09 8:15 == 36.7 | 6/1/09 12:55 == 47.6 | 6/1/09 17:35 == 46.5 |
| 6/1/09 3:40 == 34.6 | 6/1/09 8:20 == 36.8 | 6/1/09 13:00 == 47.7 | 6/1/09 17:40 == 46.4 |
| 6/1/09 3:45 == 34.5 | 6/1/09 8:25 == 36.8 | 6/1/09 13:05 == 47.6 | 6/1/09 17:45 == 46.4 |
| 6/1/09 3:50 == 34.7 | 6/1/09 8:30 == 37   | 6/1/09 13:10 == 47.3 | 6/1/09 17:50 == 46.4 |
| 6/1/09 3:55 == 34.6 | 6/1/09 8:35 == 37.8 | 6/1/09 13:15 == 47.6 | 6/1/09 17:55 == 46.4 |
| 6/1/09 4:00 == 34.7 | 6/1/09 8:40 == 47.7 | 6/1/09 13:20 == 47.4 | 6/1/09 18:00 == 46.6 |
| 6/1/09 4:05 == 34.8 | 6/1/09 8:45 == 48   | 6/1/09 13:25 == 47.3 | 6/1/09 18:05 == 46.5 |
| 6/1/09 4:10 == 34.7 | 6/1/09 8:50 == 47.8 | 6/1/09 13:30 == 47.6 | 6/1/09 18:10 == 46.5 |
| 6/1/09 4:15 == 34.8 | 6/1/09 8:55 == 47.9 | 6/1/09 13:35 == 47.6 | 6/1/09 18:15 == 46.4 |
| 6/1/09 4:20 == 34.8 | 6/1/09 9:00 == 47.5 | 6/1/09 13:40 == 47.4 | 6/1/09 18:20 == 46.3 |
| 6/1/09 4:25 == 34.8 | 6/1/09 9:05 == 45.1 | 6/1/09 13:45 == 47.3 | 6/1/09 18:25 == 46.4 |
| 6/1/09 4:30 == 34.7 | 6/1/09 9:10 == 47.1 | 6/1/09 13:50 == 47.3 | 6/1/09 18:30 == 46.4 |
| 6/1/09 4:35 == 34.7 | 6/1/09 9:15 == 46.9 | 6/1/09 13:55 == 47.2 | 6/1/09 18:35 == 46.4 |

|                      |                      |                     |                      |
|----------------------|----------------------|---------------------|----------------------|
| 6/1/09 18:40 == 46.4 | 6/1/09 23:20 == 45.3 | 6/2/09 4:00 == 45.1 | 6/2/09 8:40 == 46.6  |
| 6/1/09 18:45 == 46.5 | 6/1/09 23:25 == 45.2 | 6/2/09 4:05 == 46   | 6/2/09 8:45 == 48.8  |
| 6/1/09 18:50 == 46.4 | 6/1/09 23:30 == 45.3 | 6/2/09 4:10 == 46.2 | 6/2/09 8:50 == 48.7  |
| 6/1/09 18:55 == 46.4 | 6/1/09 23:35 == 45.3 | 6/2/09 4:15 == 46.4 | 6/2/09 8:55 == 48.8  |
| 6/1/09 19:00 == 46.4 | 6/1/09 23:40 == 45.5 | 6/2/09 4:20 == 45.7 | 6/2/09 9:00 == 48.7  |
| 6/1/09 19:05 == 46.3 | 6/1/09 23:45 == 45.4 | 6/2/09 4:25 == 45.4 | 6/2/09 9:05 == 48.7  |
| 6/1/09 19:10 == 46.2 | 6/1/09 23:50 == 45.3 | 6/2/09 4:30 == 45.3 | 6/2/09 9:10 == 48.1  |
| 6/1/09 19:15 == 46.2 | 6/1/09 23:55 == 45.2 | 6/2/09 4:35 == 45.3 | 6/2/09 9:15 == 48.2  |
| 6/1/09 19:20 == 46.3 | 6/2/09 0:00 == 45.6  | 6/2/09 4:40 == 45.4 | 6/2/09 9:20 == 48.3  |
| 6/1/09 19:25 == 46.3 | 6/2/09 0:05 == 45.2  | 6/2/09 4:45 == 45.3 | 6/2/09 9:25 == 48.2  |
| 6/1/09 19:30 == 46.3 | 6/2/09 0:10 == 45.4  | 6/2/09 4:50 == 45.9 | 6/2/09 9:30 == 48.2  |
| 6/1/09 19:35 == 46.4 | 6/2/09 0:15 == 45.3  | 6/2/09 4:55 == 46.4 | 6/2/09 9:35 == 48.3  |
| 6/1/09 19:40 == 46.3 | 6/2/09 0:20 == 45.2  | 6/2/09 5:00 == 46.4 | 6/2/09 9:40 == 48.2  |
| 6/1/09 19:45 == 46.4 | 6/2/09 0:25 == 45.4  | 6/2/09 5:05 == 45.6 | 6/2/09 9:45 == 48.5  |
| 6/1/09 19:50 == 46.3 | 6/2/09 0:30 == 45.9  | 6/2/09 5:10 == 45   | 6/2/09 9:50 == 47.2  |
| 6/1/09 19:55 == 46.1 | 6/2/09 0:35 == 46.2  | 6/2/09 5:15 == 45.1 | 6/2/09 9:55 == 45.4  |
| 6/1/09 20:00 == 46.1 | 6/2/09 0:40 == 46.1  | 6/2/09 5:20 == 45.2 | 6/2/09 10:00 == 47.4 |
| 6/1/09 20:05 == 46.1 | 6/2/09 0:45 == 46.2  | 6/2/09 5:25 == 45.1 | 6/2/09 10:05 == 46.8 |
| 6/1/09 20:10 == 46.2 | 6/2/09 0:50 == 46.1  | 6/2/09 5:30 == 45   | 6/2/09 10:10 == 45.3 |
| 6/1/09 20:15 == 46.3 | 6/2/09 0:55 == 46.2  | 6/2/09 5:35 == 45.4 | 6/2/09 10:15 == 47.6 |
| 6/1/09 20:20 == 46.2 | 6/2/09 1:00 == 46.3  | 6/2/09 5:40 == 45.2 | 6/2/09 10:20 == 45.8 |
| 6/1/09 20:25 == 46.2 | 6/2/09 1:05 == 46.3  | 6/2/09 5:45 == 45.5 | 6/2/09 10:25 == 43.8 |
| 6/1/09 20:30 == 46.1 | 6/2/09 1:10 == 46.2  | 6/2/09 5:50 == 45.5 | 6/2/09 10:30 == 46.8 |
| 6/1/09 20:35 == 46.1 | 6/2/09 1:15 == 46.2  | 6/2/09 5:55 == 45.4 | 6/2/09 10:35 == 47.6 |
| 6/1/09 20:40 == 46.2 | 6/2/09 1:20 == 45.9  | 6/2/09 6:00 == 45.3 | 6/2/09 10:40 == 47.8 |
| 6/1/09 20:45 == 45.7 | 6/2/09 1:25 == 46.1  | 6/2/09 6:05 == 45.5 | 6/2/09 10:45 == 47.7 |
| 6/1/09 20:50 == 45.3 | 6/2/09 1:30 == 46.3  | 6/2/09 6:10 == 45.8 | 6/2/09 10:50 == 47.9 |
| 6/1/09 20:55 == 45.2 | 6/2/09 1:35 == 46.1  | 6/2/09 6:15 == 46   | 6/2/09 10:55 == 48   |
| 6/1/09 21:00 == 45.5 | 6/2/09 1:40 == 46.1  | 6/2/09 6:20 == 46.1 | 6/2/09 11:00 == 48   |
| 6/1/09 21:05 == 45.5 | 6/2/09 1:45 == 46.1  | 6/2/09 6:25 == 46   | 6/2/09 11:05 == 48.1 |
| 6/1/09 21:10 == 45.7 | 6/2/09 1:50 == 46.1  | 6/2/09 6:30 == 46   | 6/2/09 11:10 == 48.1 |
| 6/1/09 21:15 == 45.5 | 6/2/09 1:55 == 46.1  | 6/2/09 6:35 == 46.3 | 6/2/09 11:15 == 47.8 |
| 6/1/09 21:20 == 45.5 | 6/2/09 2:00 == 46.3  | 6/2/09 6:40 == 47.1 | 6/2/09 11:20 == 47.7 |
| 6/1/09 21:25 == 45.6 | 6/2/09 2:05 == 46    | 6/2/09 6:45 == 47   | 6/2/09 11:25 == 47.5 |
| 6/1/09 21:30 == 45.6 | 6/2/09 2:10 == 46    | 6/2/09 6:50 == 48.3 | 6/2/09 11:30 == 47.7 |
| 6/1/09 21:35 == 45.6 | 6/2/09 2:15 == 46.2  | 6/2/09 6:55 == 48.2 | 6/2/09 11:35 == 47.7 |
| 6/1/09 21:40 == 45.5 | 6/2/09 2:20 == 46.1  | 6/2/09 7:00 == 48.3 | 6/2/09 11:40 == 47.8 |
| 6/1/09 21:45 == 45.4 | 6/2/09 2:25 == 46.1  | 6/2/09 7:05 == 48.1 | 6/2/09 11:45 == 47.7 |
| 6/1/09 21:50 == 45.4 | 6/2/09 2:30 == 46.1  | 6/2/09 7:10 == 47.9 | 6/2/09 11:50 == 47.7 |
| 6/1/09 21:55 == 45.4 | 6/2/09 2:35 == 46.1  | 6/2/09 7:15 == 47.5 | 6/2/09 11:55 == 47.5 |
| 6/1/09 22:00 == 45.9 | 6/2/09 2:40 == 46.2  | 6/2/09 7:20 == 47.6 | 6/2/09 12:00 == 47.6 |
| 6/1/09 22:05 == 46.1 | 6/2/09 2:45 == 46.2  | 6/2/09 7:25 == 47.5 | 6/2/09 12:05 == 48.2 |
| 6/1/09 22:10 == 46.1 | 6/2/09 2:50 == #     | 6/2/09 7:30 == 47.7 | 6/2/09 12:10 == 48.1 |
| 6/1/09 22:15 == 45.6 | 6/2/09 2:55 == 46.2  | 6/2/09 7:35 == 47.5 | 6/2/09 12:15 == 48   |
| 6/1/09 22:20 == 45.2 | 6/2/09 3:00 == 46.4  | 6/2/09 7:40 == 47.5 | 6/2/09 12:20 == 39.6 |
| 6/1/09 22:25 == 45.5 | 6/2/09 3:05 == #     | 6/2/09 7:45 == 47.6 | 6/2/09 12:25 == 34.8 |
| 6/1/09 22:30 == 45.4 | 6/2/09 3:10 == 46.3  | 6/2/09 7:50 == 47.8 | 6/2/09 12:30 == 34.9 |
| 6/1/09 22:35 == 45.4 | 6/2/09 3:15 == 46.2  | 6/2/09 7:55 == 47.8 | 6/2/09 12:35 == 35.2 |
| 6/1/09 22:40 == 45.3 | 6/2/09 3:20 == #     | 6/2/09 8:00 == 48.1 | 6/2/09 12:40 == 35.5 |
| 6/1/09 22:45 == 45.3 | 6/2/09 3:25 == 46.2  | 6/2/09 8:05 == 48   | 6/2/09 12:45 == 35.5 |
| 6/1/09 22:50 == 45.3 | 6/2/09 3:30 == 46.1  | 6/2/09 8:10 == 48   | 6/2/09 12:50 == 35.6 |
| 6/1/09 22:55 == 45.2 | 6/2/09 3:35 == 46.3  | 6/2/09 8:15 == 48   | 6/2/09 12:55 == 35.6 |
| 6/1/09 23:00 == 45.4 | 6/2/09 3:40 == 46.2  | 6/2/09 8:20 == 48.6 | 6/2/09 13:00 == 35.2 |
| 6/1/09 23:05 == 45.4 | 6/2/09 3:45 == 46.1  | 6/2/09 8:25 == 49   | 6/2/09 13:05 == 35.8 |
| 6/1/09 23:10 == 45.3 | 6/2/09 3:50 == 45.4  | 6/2/09 8:30 == 48.4 | 6/2/09 13:10 == 35.9 |
| 6/1/09 23:15 == 45.4 | 6/2/09 3:55 == 45    | 6/2/09 8:35 == 46.1 | 6/2/09 13:15 == 36.6 |

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| 6/2/09 13:20 == 36.9 | 6/2/09 18:00 == 47.1 | 6/2/09 22:40 == 44.7 | 6/3/09 3:20 == 40.8 |
| 6/2/09 13:25 == 37.3 | 6/2/09 18:05 == 47.3 | 6/2/09 22:45 == 44.6 | 6/3/09 3:25 == 45.3 |
| 6/2/09 13:30 == 37.3 | 6/2/09 18:10 == 47.3 | 6/2/09 22:50 == 44.6 | 6/3/09 3:30 == 45.2 |
| 6/2/09 13:35 == 37.4 | 6/2/09 18:15 == 47   | 6/2/09 22:55 == 44.6 | 6/3/09 3:35 == 45.4 |
| 6/2/09 13:40 == 37   | 6/2/09 18:20 == 47   | 6/2/09 23:00 == 44.6 | 6/3/09 3:40 == 45.2 |
| 6/2/09 13:45 == 37.1 | 6/2/09 18:25 == 46.6 | 6/2/09 23:05 == 44.9 | 6/3/09 3:45 == 45.1 |
| 6/2/09 13:50 == 37.1 | 6/2/09 18:30 == 46.5 | 6/2/09 23:10 == 44.6 | 6/3/09 3:50 == 45.2 |
| 6/2/09 13:55 == 36.9 | 6/2/09 18:35 == 46.5 | 6/2/09 23:15 == 44.9 | 6/3/09 3:55 == 45.2 |
| 6/2/09 14:00 == 36.6 | 6/2/09 18:40 == 46.7 | 6/2/09 23:20 == 44.8 | 6/3/09 4:00 == 45.2 |
| 6/2/09 14:05 == 36.8 | 6/2/09 18:45 == 46.6 | 6/2/09 23:25 == 44.9 | 6/3/09 4:05 == 45.4 |
| 6/2/09 14:10 == 36.9 | 6/2/09 18:50 == 46.7 | 6/2/09 23:30 == 44.7 | 6/3/09 4:10 == 45.3 |
| 6/2/09 14:15 == 36.9 | 6/2/09 18:55 == 46.8 | 6/2/09 23:35 == 44.8 | 6/3/09 4:15 == 45.4 |
| 6/2/09 14:20 == 36.8 | 6/2/09 19:00 == 46.6 | 6/2/09 23:40 == 44.9 | 6/3/09 4:20 == 45.1 |
| 6/2/09 14:25 == 36.8 | 6/2/09 19:05 == 46.6 | 6/2/09 23:45 == 44.8 | 6/3/09 4:25 == 45.4 |
| 6/2/09 14:30 == 36.9 | 6/2/09 19:10 == 46.7 | 6/2/09 23:50 == 45.2 | 6/3/09 4:30 == 45.3 |
| 6/2/09 14:35 == 36.2 | 6/2/09 19:15 == 46.8 | 6/2/09 23:55 == 45.2 | 6/3/09 4:35 == 45.2 |
| 6/2/09 14:40 == 36.3 | 6/2/09 19:20 == 46.8 | 6/3/09 0:00 == 45.3  | 6/3/09 4:40 == 45.2 |
| 6/2/09 14:45 == 36.3 | 6/2/09 19:25 == 46.7 | 6/3/09 0:05 == 45.3  | 6/3/09 4:45 == 45.2 |
| 6/2/09 14:50 == 36.4 | 6/2/09 19:30 == 46.7 | 6/3/09 0:10 == 45.3  | 6/3/09 4:50 == 45.3 |
| 6/2/09 14:55 == 36.4 | 6/2/09 19:35 == 46.7 | 6/3/09 0:15 == 45.1  | 6/3/09 4:55 == 45.2 |
| 6/2/09 15:00 == 36.3 | 6/2/09 19:40 == 46.6 | 6/3/09 0:20 == 45    | 6/3/09 5:00 == 45.3 |
| 6/2/09 15:05 == 36.4 | 6/2/09 19:45 == 46.7 | 6/3/09 0:25 == 45    | 6/3/09 5:05 == 44.6 |
| 6/2/09 15:10 == 36.2 | 6/2/09 19:50 == 46.7 | 6/3/09 0:30 == 45.1  | 6/3/09 5:10 == 44.6 |
| 6/2/09 15:15 == 36.2 | 6/2/09 19:55 == 46.8 | 6/3/09 0:35 == 36.4  | 6/3/09 5:15 == 44.4 |
| 6/2/09 15:20 == 36.3 | 6/2/09 20:00 == 46.5 | 6/3/09 0:40 == 32.2  | 6/3/09 5:20 == 44.3 |
| 6/2/09 15:25 == 36.4 | 6/2/09 20:05 == 46.9 | 6/3/09 0:45 == 32.3  | 6/3/09 5:25 == 44.4 |
| 6/2/09 15:30 == 36.3 | 6/2/09 20:10 == 46.9 | 6/3/09 0:50 == 33.3  | 6/3/09 5:30 == 44.4 |
| 6/2/09 15:35 == 36.8 | 6/2/09 20:15 == 46.9 | 6/3/09 0:55 == 33.8  | 6/3/09 5:35 == 44.5 |
| 6/2/09 15:40 == 36.9 | 6/2/09 20:20 == 47.1 | 6/3/09 1:00 == 33.7  | 6/3/09 5:40 == 44.5 |
| 6/2/09 15:45 == 37   | 6/2/09 20:25 == 46.4 | 6/3/09 1:05 == 33.8  | 6/3/09 5:45 == 44.6 |
| 6/2/09 15:50 == 37   | 6/2/09 20:30 == 45.2 | 6/3/09 1:10 == 33.7  | 6/3/09 5:50 == 44.6 |
| 6/2/09 15:55 == 37   | 6/2/09 20:35 == 45.1 | 6/3/09 1:15 == 33.8  | 6/3/09 5:55 == 44.6 |
| 6/2/09 16:00 == 36.9 | 6/2/09 20:40 == 45.2 | 6/3/09 1:20 == 34.1  | 6/3/09 6:00 == 44.7 |
| 6/2/09 16:05 == 37.3 | 6/2/09 20:45 == 45.2 | 6/3/09 1:25 == 34.3  | 6/3/09 6:05 == 44.8 |
| 6/2/09 16:10 == 37.4 | 6/2/09 20:50 == 45.1 | 6/3/09 1:30 == 34.4  | 6/3/09 6:10 == 46.2 |
| 6/2/09 16:15 == 37.5 | 6/2/09 20:55 == 45.2 | 6/3/09 1:35 == 34.4  | 6/3/09 6:15 == 46.1 |
| 6/2/09 16:20 == 37.5 | 6/2/09 21:00 == 45.3 | 6/3/09 1:40 == 34.4  | 6/3/09 6:20 == 46.2 |
| 6/2/09 16:25 == 37.5 | 6/2/09 21:05 == 45.1 | 6/3/09 1:45 == 34.4  | 6/3/09 6:25 == 46.1 |
| 6/2/09 16:30 == 37.3 | 6/2/09 21:10 == 45.1 | 6/3/09 1:50 == 34.4  | 6/3/09 6:30 == 46.2 |
| 6/2/09 16:35 == 37.4 | 6/2/09 21:15 == 45.3 | 6/3/09 1:55 == 34.4  | 6/3/09 6:35 == 46.3 |
| 6/2/09 16:40 == 37.4 | 6/2/09 21:20 == 45.3 | 6/3/09 2:00 == 34.5  | 6/3/09 6:40 == 46.6 |
| 6/2/09 16:45 == 37.2 | 6/2/09 21:25 == 45.2 | 6/3/09 2:05 == 35.1  | 6/3/09 6:45 == 46.4 |
| 6/2/09 16:50 == 37.1 | 6/2/09 21:30 == 45.1 | 6/3/09 2:10 == 35.1  | 6/3/09 6:50 == 46.1 |
| 6/2/09 16:55 == 37.1 | 6/2/09 21:35 == 45.4 | 6/3/09 2:15 == 35    | 6/3/09 6:55 == 46.4 |
| 6/2/09 17:00 == 37.1 | 6/2/09 21:40 == 45.3 | 6/3/09 2:20 == 35.4  | 6/3/09 7:00 == 46.5 |
| 6/2/09 17:05 == 37   | 6/2/09 21:45 == 45.1 | 6/3/09 2:25 == 35.1  | 6/3/09 7:05 == 46.6 |
| 6/2/09 17:10 == 37.1 | 6/2/09 21:50 == 44.8 | 6/3/09 2:30 == 35.2  | 6/3/09 7:10 == 46.5 |
| 6/2/09 17:15 == 37   | 6/2/09 21:55 == 44.7 | 6/3/09 2:35 == 35.2  | 6/3/09 7:15 == 46.4 |
| 6/2/09 17:20 == 42   | 6/2/09 22:00 == 44.8 | 6/3/09 2:40 == 35.3  | 6/3/09 7:20 == 45.4 |
| 6/2/09 17:25 == 47.2 | 6/2/09 22:05 == 44.5 | 6/3/09 2:45 == 35.2  | 6/3/09 7:25 == 45.3 |
| 6/2/09 17:30 == 47.3 | 6/2/09 22:10 == 44.5 | 6/3/09 2:50 == 35.6  | 6/3/09 7:30 == 45.4 |
| 6/2/09 17:35 == 47.3 | 6/2/09 22:15 == 44.6 | 6/3/09 2:55 == 35.7  | 6/3/09 7:35 == 44.2 |
| 6/2/09 17:40 == 47.1 | 6/2/09 22:20 == 44.6 | 6/3/09 3:00 == 35.8  | 6/3/09 7:40 == 44.5 |
| 6/2/09 17:45 == 47.4 | 6/2/09 22:25 == 44.7 | 6/3/09 3:05 == 35.8  | 6/3/09 7:45 == 44.3 |
| 6/2/09 17:50 == 47.3 | 6/2/09 22:30 == 44.6 | 6/3/09 3:10 == 35.7  | 6/3/09 7:50 == 44.5 |
| 6/2/09 17:55 == 47.2 | 6/2/09 22:35 == 44.3 | 6/3/09 3:15 == 35.7  | 6/3/09 7:55 == 44.4 |



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| 6/3/09 8:00 == 44.3  | 6/3/09 12:40 == 34.4 | 6/3/09 17:20 == 44   | 6/3/09 22:00 == 43.8 |
| 6/3/09 8:05 == 44.3  | 6/3/09 12:45 == 34.3 | 6/3/09 17:25 == 44.2 | 6/3/09 22:05 == 43.8 |
| 6/3/09 8:10 == 44.4  | 6/3/09 12:50 == 34.7 | 6/3/09 17:30 == 44.1 | 6/3/09 22:10 == 43.8 |
| 6/3/09 8:15 == 44.3  | 6/3/09 12:55 == 34.9 | 6/3/09 17:35 == 43.6 | 6/3/09 22:15 == 43.7 |
| 6/3/09 8:20 == 44.3  | 6/3/09 13:00 == 34.8 | 6/3/09 17:40 == 43.4 | 6/3/09 22:20 == 43.8 |
| 6/3/09 8:25 == 44.2  | 6/3/09 13:05 == 35   | 6/3/09 17:45 == 43.5 | 6/3/09 22:25 == 43.9 |
| 6/3/09 8:30 == 43.9  | 6/3/09 13:10 == 35   | 6/3/09 17:50 == 43.6 | 6/3/09 22:30 == 43.8 |
| 6/3/09 8:35 == 43.8  | 6/3/09 13:15 == 34.9 | 6/3/09 17:55 == 43.4 | 6/3/09 22:35 == 43.8 |
| 6/3/09 8:40 == 43.8  | 6/3/09 13:20 == 34.9 | 6/3/09 18:00 == 43.5 | 6/3/09 22:40 == 43.8 |
| 6/3/09 8:45 == 44    | 6/3/09 13:25 == 35   | 6/3/09 18:05 == 43.4 | 6/3/09 22:45 == 43.8 |
| 6/3/09 8:50 == 44.2  | 6/3/09 13:30 == 35   | 6/3/09 18:10 == 43.6 | 6/3/09 22:50 == 43.8 |
| 6/3/09 8:55 == 44.2  | 6/3/09 13:35 == 40.3 | 6/3/09 18:15 == 43.4 | 6/3/09 22:55 == 43.9 |
| 6/3/09 9:00 == 44.1  | 6/3/09 13:40 == 44.3 | 6/3/09 18:20 == 43.5 | 6/3/09 23:00 == 43.8 |
| 6/3/09 9:05 == 43.7  | 6/3/09 13:45 == 44.3 | 6/3/09 18:25 == 43.6 | 6/3/09 23:05 == 43.8 |
| 6/3/09 9:10 == 43.6  | 6/3/09 13:50 == 44.1 | 6/3/09 18:30 == 43.5 | 6/3/09 23:10 == 43.8 |
| 6/3/09 9:15 == 43.7  | 6/3/09 13:55 == 44.3 | 6/3/09 18:35 == 43.3 | 6/3/09 23:15 == 43.8 |
| 6/3/09 9:20 == 43.6  | 6/3/09 14:00 == 44.2 | 6/3/09 18:40 == 43.4 | 6/3/09 23:20 == 43.9 |
| 6/3/09 9:25 == 43.6  | 6/3/09 14:05 == 44.2 | 6/3/09 18:45 == 43.4 | 6/3/09 23:25 == 43.8 |
| 6/3/09 9:30 == 43.6  | 6/3/09 14:10 == 44.1 | 6/3/09 18:50 == 43.4 | 6/3/09 23:30 == 43.8 |
| 6/3/09 9:35 == 43.6  | 6/3/09 14:15 == 44.1 | 6/3/09 18:55 == 43.5 | 6/3/09 23:35 == 43.8 |
| 6/3/09 9:40 == 43.6  | 6/3/09 14:20 == 44.4 | 6/3/09 19:00 == 43.3 | 6/3/09 23:40 == 43.9 |
| 6/3/09 9:45 == 43.5  | 6/3/09 14:25 == 44.4 | 6/3/09 19:05 == 43.4 | 6/3/09 23:45 == 43.8 |
| 6/3/09 9:50 == 43.8  | 6/3/09 14:30 == 44.2 | 6/3/09 19:10 == 43.3 | 6/3/09 23:50 == 43.8 |
| 6/3/09 9:55 == 43.7  | 6/3/09 14:35 == 44.3 | 6/3/09 19:15 == 43.8 | 6/3/09 23:55 == 43.9 |
| 6/3/09 10:00 == 43.7 | 6/3/09 14:40 == 44.7 | 6/3/09 19:20 == 43.7 | 6/4/09 0:00 == 44    |
| 6/3/09 10:05 == 43.6 | 6/3/09 14:45 == 44.3 | 6/3/09 19:25 == 43.9 | 6/4/09 0:05 == 43.9  |
| 6/3/09 10:10 == 43.5 | 6/3/09 14:50 == 44.3 | 6/3/09 19:30 == 43.8 | 6/4/09 0:10 == 43.8  |
| 6/3/09 10:15 == 43.6 | 6/3/09 14:55 == 44.1 | 6/3/09 19:35 == 43.8 | 6/4/09 0:15 == 43.8  |
| 6/3/09 10:20 == 43.4 | 6/3/09 15:00 == 44.2 | 6/3/09 19:40 == 43.8 | 6/4/09 0:20 == 43.9  |
| 6/3/09 10:25 == 43.5 | 6/3/09 15:05 == 44.1 | 6/3/09 19:45 == 43.8 | 6/4/09 0:25 == 43.9  |
| 6/3/09 10:30 == 43.6 | 6/3/09 15:10 == 44.1 | 6/3/09 19:50 == 43.7 | 6/4/09 0:30 == 43.9  |
| 6/3/09 10:35 == 34.9 | 6/3/09 15:15 == 44   | 6/3/09 19:55 == 43.8 | 6/4/09 0:35 == 43.8  |
| 6/3/09 10:40 == 31   | 6/3/09 15:20 == 44.1 | 6/3/09 20:00 == 43.7 | 6/4/09 0:40 == 43.9  |
| 6/3/09 10:45 == 31   | 6/3/09 15:25 == 44.1 | 6/3/09 20:05 == 43.8 | 6/4/09 0:45 == 43.8  |
| 6/3/09 10:50 == 32.3 | 6/3/09 15:30 == 44.2 | 6/3/09 20:10 == 43.9 | 6/4/09 0:50 == 43.9  |
| 6/3/09 10:55 == 32.5 | 6/3/09 15:35 == 44.1 | 6/3/09 20:15 == 43.9 | 6/4/09 0:55 == 43.9  |
| 6/3/09 11:00 == 32.5 | 6/3/09 15:40 == 44.1 | 6/3/09 20:20 == 43.9 | 6/4/09 1:00 == 43.9  |
| 6/3/09 11:05 == 32.5 | 6/3/09 15:45 == 44.2 | 6/3/09 20:25 == 43.8 | 6/4/09 1:05 == 43.8  |
| 6/3/09 11:10 == 32.6 | 6/3/09 15:50 == 44.1 | 6/3/09 20:30 == 43.9 | 6/4/09 1:10 == 43.9  |
| 6/3/09 11:15 == 32.5 | 6/3/09 15:55 == 44   | 6/3/09 20:35 == 43.9 | 6/4/09 1:15 == 43.8  |
| 6/3/09 11:20 == 32.5 | 6/3/09 16:00 == 44.2 | 6/3/09 20:40 == 43.9 | 6/4/09 1:20 == 43.8  |
| 6/3/09 11:25 == 32.5 | 6/3/09 16:05 == 44.2 | 6/3/09 20:45 == 43.7 | 6/4/09 1:25 == 43.8  |
| 6/3/09 11:30 == 32.6 | 6/3/09 16:10 == 44.1 | 6/3/09 20:50 == 43.7 | 6/4/09 1:30 == 43.8  |
| 6/3/09 11:35 == 33.1 | 6/3/09 16:15 == 44.3 | 6/3/09 20:55 == 44   | 6/4/09 1:35 == 44    |
| 6/3/09 11:40 == 33.5 | 6/3/09 16:20 == 44.4 | 6/3/09 21:00 == 43.8 | 6/4/09 1:40 == 43.9  |
| 6/3/09 11:45 == 33.6 | 6/3/09 16:25 == 44.3 | 6/3/09 21:05 == 43.9 | 6/4/09 1:45 == 43.8  |
| 6/3/09 11:50 == 33.7 | 6/3/09 16:30 == 44.2 | 6/3/09 21:10 == 43.8 | 6/4/09 1:50 == 43.9  |
| 6/3/09 11:55 == 33.7 | 6/3/09 16:35 == 44.3 | 6/3/09 21:15 == 43.7 | 6/4/09 1:55 == 43.9  |
| 6/3/09 12:00 == 33.6 | 6/3/09 16:40 == 44.3 | 6/3/09 21:20 == 44.1 | 6/4/09 2:00 == 43.7  |
| 6/3/09 12:05 == 33.7 | 6/3/09 16:45 == 44.1 | 6/3/09 21:25 == 43.7 | 6/4/09 2:05 == 43.8  |
| 6/3/09 12:10 == 33.6 | 6/3/09 16:50 == 44.1 | 6/3/09 21:30 == 43.8 | 6/4/09 2:10 == 43.8  |
| 6/3/09 12:15 == 33.6 | 6/3/09 16:55 == 44.2 | 6/3/09 21:35 == 43.9 | 6/4/09 2:15 == 43.7  |
| 6/3/09 12:20 == 34.2 | 6/3/09 17:00 == 44.3 | 6/3/09 21:40 == 43.9 | 6/4/09 2:20 == 43.9  |
| 6/3/09 12:25 == 34.4 | 6/3/09 17:05 == 44.1 | 6/3/09 21:45 == 43.9 | 6/4/09 2:25 == 43.9  |
| 6/3/09 12:30 == 34.3 | 6/3/09 17:10 == 44.1 | 6/3/09 21:50 == 43.8 | 6/4/09 2:30 == 43.8  |
| 6/3/09 12:35 == 34.4 | 6/3/09 17:15 == 44.1 | 6/3/09 21:55 == 43.7 | 6/4/09 2:35 == 43.8  |

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|---------------------|----------------------|----------------------|----------------------|
| 6/4/09 2:40 == 43.8 | 6/4/09 7:20 == 44.7  | 6/4/09 12:00 == 45   | 6/4/09 16:40 == 44.1 |
| 6/4/09 2:45 == 43.8 | 6/4/09 7:25 == 45    | 6/4/09 12:05 == 45.1 | 6/4/09 16:45 == 44.1 |
| 6/4/09 2:50 == 43.9 | 6/4/09 7:30 == 45.2  | 6/4/09 12:10 == 45.2 | 6/4/09 16:50 == 43.9 |
| 6/4/09 2:55 == 43.8 | 6/4/09 7:35 == 45.8  | 6/4/09 12:15 == 45.3 | 6/4/09 16:55 == 44.1 |
| 6/4/09 3:00 == 43.8 | 6/4/09 7:40 == 45.7  | 6/4/09 12:20 == 45   | 6/4/09 17:00 == 44.1 |
| 6/4/09 3:05 == 43.7 | 6/4/09 7:45 == 45.8  | 6/4/09 12:25 == 45.1 | 6/4/09 17:05 == 44   |
| 6/4/09 3:10 == 43.9 | 6/4/09 7:50 == 46.2  | 6/4/09 12:30 == 45.1 | 6/4/09 17:10 == 44.1 |
| 6/4/09 3:15 == 43.9 | 6/4/09 7:55 == 46.4  | 6/4/09 12:35 == 45.2 | 6/4/09 17:15 == 44.2 |
| 6/4/09 3:20 == 43.7 | 6/4/09 8:00 == 46.3  | 6/4/09 12:40 == 45.1 | 6/4/09 17:20 == 44   |
| 6/4/09 3:25 == 43.9 | 6/4/09 8:05 == 46.4  | 6/4/09 12:45 == 44.9 | 6/4/09 17:25 == 44.1 |
| 6/4/09 3:30 == 43.8 | 6/4/09 8:10 == 46.3  | 6/4/09 12:50 == 45   | 6/4/09 17:30 == 44   |
| 6/4/09 3:35 == 43.8 | 6/4/09 8:15 == 46.3  | 6/4/09 12:55 == 45.1 | 6/4/09 17:35 == 44   |
| 6/4/09 3:40 == 43.8 | 6/4/09 8:20 == 46.5  | 6/4/09 13:00 == 45.2 | 6/4/09 17:40 == 44   |
| 6/4/09 3:45 == 43.8 | 6/4/09 8:25 == 46.6  | 6/4/09 13:05 == 45.1 | 6/4/09 17:45 == 44.1 |
| 6/4/09 3:50 == 43.8 | 6/4/09 8:30 == 46.7  | 6/4/09 13:10 == 45.2 | 6/4/09 17:50 == 44.1 |
| 6/4/09 3:55 == 43.7 | 6/4/09 8:35 == 46.6  | 6/4/09 13:15 == 45.2 | 6/4/09 17:55 == 44   |
| 6/4/09 4:00 == 43.8 | 6/4/09 8:40 == 46.7  | 6/4/09 13:20 == 45.1 | 6/4/09 18:00 == 44.3 |
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| 6/4/09 4:50 == 43.8 | 6/4/09 9:30 == 46.1  | 6/4/09 14:10 == 45.1 | 6/4/09 18:50 == 44   |
| 6/4/09 4:55 == 43.9 | 6/4/09 9:35 == 46.2  | 6/4/09 14:15 == 45.2 | 6/4/09 18:55 == 44   |
| 6/4/09 5:00 == 43.7 | 6/4/09 9:40 == 46    | 6/4/09 14:20 == 45.1 | 6/4/09 19:00 == 44.2 |
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| 6/4/09 5:25 == 43.8 | 6/4/09 10:05 == 46.4 | 6/4/09 14:45 == 44.9 | 6/4/09 19:25 == 44   |
| 6/4/09 5:30 == 43.8 | 6/4/09 10:10 == 46.3 | 6/4/09 14:50 == 45   | 6/4/09 19:30 == 44.2 |
| 6/4/09 5:35 == 43.7 | 6/4/09 10:15 == 46.1 | 6/4/09 14:55 == 45   | 6/4/09 19:35 == 44   |
| 6/4/09 5:40 == 43.8 | 6/4/09 10:20 == 46   | 6/4/09 15:00 == 44.8 | 6/4/09 19:40 == 44.1 |
| 6/4/09 5:45 == 43.8 | 6/4/09 10:25 == 46.1 | 6/4/09 15:05 == 44.8 | 6/4/09 19:45 == 44   |
| 6/4/09 5:50 == 43.7 | 6/4/09 10:30 == 46.2 | 6/4/09 15:10 == 45.1 | 6/4/09 19:50 == 43.9 |
| 6/4/09 5:55 == 43.7 | 6/4/09 10:35 == 46   | 6/4/09 15:15 == 45.1 | 6/4/09 19:55 == 43.9 |
| 6/4/09 6:00 == 43.7 | 6/4/09 10:40 == 46.1 | 6/4/09 15:20 == 45.6 | 6/4/09 20:00 == 44   |
| 6/4/09 6:05 == 43.8 | 6/4/09 10:45 == 46   | 6/4/09 15:25 == 45.5 | 6/4/09 20:05 == 43.9 |
| 6/4/09 6:10 == 43.8 | 6/4/09 10:50 == 46.3 | 6/4/09 15:30 == 45.5 | 6/4/09 20:10 == 44   |
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| 6/4/09 6:20 == 44.8 | 6/4/09 11:00 == 46.2 | 6/4/09 15:40 == 44.2 | 6/4/09 20:20 == 44   |
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| 6/4/09 6:50 == 44.8 | 6/4/09 11:30 == 45.6 | 6/4/09 16:10 == 44.2 | 6/4/09 20:50 == 43.8 |
| 6/4/09 6:55 == 44.9 | 6/4/09 11:35 == 45.7 | 6/4/09 16:15 == 44.2 | 6/4/09 20:55 == 43.8 |
| 6/4/09 7:00 == 44.9 | 6/4/09 11:40 == 45.7 | 6/4/09 16:20 == 44.2 | 6/4/09 21:00 == 44   |
| 6/4/09 7:05 == 44.9 | 6/4/09 11:45 == 45   | 6/4/09 16:25 == 44.3 | 6/4/09 21:05 == 43.8 |
| 6/4/09 7:10 == 44.8 | 6/4/09 11:50 == 44.9 | 6/4/09 16:30 == 44.3 | 6/4/09 21:10 == 44.1 |
| 6/4/09 7:15 == 45   | 6/4/09 11:55 == 45   | 6/4/09 16:35 == 44.2 | 6/4/09 21:15 == 44   |

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| 6/4/09 21:20 == 44.1 | 6/5/09 2:00 == 44.1 | 6/5/09 6:40 == 45.7  | 6/5/09 11:20 == 46.2 |
| 6/4/09 21:25 == 43.8 | 6/5/09 2:05 == 43.7 | 6/5/09 6:45 == 45.8  | 6/5/09 11:25 == 46.1 |
| 6/4/09 21:30 == 44   | 6/5/09 2:10 == 43.9 | 6/5/09 6:50 == 45.6  | 6/5/09 11:30 == 46.2 |
| 6/4/09 21:35 == 44   | 6/5/09 2:15 == 43.9 | 6/5/09 6:55 == 45.7  | 6/5/09 11:35 == 46.9 |
| 6/4/09 21:40 == 43.9 | 6/5/09 2:20 == 43.9 | 6/5/09 7:00 == 45.9  | 6/5/09 11:40 == 47.1 |
| 6/4/09 21:45 == 44   | 6/5/09 2:25 == 43.8 | 6/5/09 7:05 == 46.4  | 6/5/09 11:45 == 47.3 |
| 6/4/09 21:50 == 44   | 6/5/09 2:30 == 43.8 | 6/5/09 7:10 == 46.5  | 6/5/09 11:50 == 46.3 |
| 6/4/09 21:55 == 44   | 6/5/09 2:35 == 43.8 | 6/5/09 7:15 == 46.5  | 6/5/09 11:55 == 46.1 |
| 6/4/09 22:00 == 44.2 | 6/5/09 2:40 == 43.9 | 6/5/09 7:20 == 45.5  | 6/5/09 12:00 == 46.2 |
| 6/4/09 22:05 == 43.8 | 6/5/09 2:45 == 43.9 | 6/5/09 7:25 == 45.6  | 6/5/09 12:05 == 47   |
| 6/4/09 22:10 == 44   | 6/5/09 2:50 == 44   | 6/5/09 7:30 == 45.5  | 6/5/09 12:10 == 47.2 |
| 6/4/09 22:15 == 44   | 6/5/09 2:55 == 44.1 | 6/5/09 7:35 == 45.6  | 6/5/09 12:15 == 47.2 |
| 6/4/09 22:20 == 44.1 | 6/5/09 3:00 == 44.2 | 6/5/09 7:40 == 45.6  | 6/5/09 12:20 == 47.1 |
| 6/4/09 22:25 == 44   | 6/5/09 3:05 == 44   | 6/5/09 7:45 == 45.6  | 6/5/09 12:25 == 47.1 |
| 6/4/09 22:30 == 44.1 | 6/5/09 3:10 == 44.1 | 6/5/09 7:50 == 45.7  | 6/5/09 12:30 == 47.2 |
| 6/4/09 22:35 == 43.9 | 6/5/09 3:15 == 44   | 6/5/09 7:55 == 45.6  | 6/5/09 12:35 == 47.2 |
| 6/4/09 22:40 == 44   | 6/5/09 3:20 == 44.1 | 6/5/09 8:00 == 45.7  | 6/5/09 12:40 == 47.2 |
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| 6/4/09 22:55 == 44.1 | 6/5/09 3:35 == 44   | 6/5/09 8:15 == 45.6  | 6/5/09 12:55 == 47.1 |
| 6/4/09 23:00 == 44   | 6/5/09 3:40 == 44.2 | 6/5/09 8:20 == 45.6  | 6/5/09 13:00 == 47.2 |
| 6/4/09 23:05 == 44.1 | 6/5/09 3:45 == 44   | 6/5/09 8:25 == 45.9  | 6/5/09 13:05 == 47.1 |
| 6/4/09 23:10 == 44.1 | 6/5/09 3:50 == 44   | 6/5/09 8:30 == 46.1  | 6/5/09 13:10 == 47.1 |
| 6/4/09 23:15 == 44.1 | 6/5/09 3:55 == 44   | 6/5/09 8:35 == 45.8  | 6/5/09 13:15 == 47.1 |
| 6/4/09 23:20 == 44.1 | 6/5/09 4:00 == 44.2 | 6/5/09 8:40 == 45.8  | 6/5/09 13:20 == 47.1 |
| 6/4/09 23:25 == 44   | 6/5/09 4:05 == 44   | 6/5/09 8:45 == 45.8  | 6/5/09 13:25 == 47.2 |
| 6/4/09 23:30 == 44   | 6/5/09 4:10 == 44.3 | 6/5/09 8:50 == 45.9  | 6/5/09 13:30 == 47.2 |
| 6/4/09 23:35 == 43.9 | 6/5/09 4:15 == 44.2 | 6/5/09 8:55 == 45.8  | 6/5/09 13:35 == 47.2 |
| 6/4/09 23:40 == 44.1 | 6/5/09 4:20 == 44.2 | 6/5/09 9:00 == 46    | 6/5/09 13:40 == 47.3 |
| 6/4/09 23:45 == 44   | 6/5/09 4:25 == 44.2 | 6/5/09 9:05 == 45.6  | 6/5/09 13:45 == 47.2 |
| 6/4/09 23:50 == 44   | 6/5/09 4:30 == 44.1 | 6/5/09 9:10 == 45.7  | 6/5/09 13:50 == 46.9 |
| 6/4/09 23:55 == 44   | 6/5/09 4:35 == 44.1 | 6/5/09 9:15 == 45.6  | 6/5/09 13:55 == 46.9 |
| 6/5/09 0:00 == 44.2  | 6/5/09 4:40 == 44.1 | 6/5/09 9:20 == 45.8  | 6/5/09 14:00 == 47.1 |
| 6/5/09 0:05 == 44    | 6/5/09 4:45 == 44.1 | 6/5/09 9:25 == 45.8  | 6/5/09 14:05 == 47.2 |
| 6/5/09 0:10 == 44    | 6/5/09 4:50 == 44.1 | 6/5/09 9:30 == 45.6  | 6/5/09 14:10 == 47.2 |
| 6/5/09 0:15 == 43.9  | 6/5/09 4:55 == 44.2 | 6/5/09 9:35 == 45.5  | 6/5/09 14:15 == 46.9 |
| 6/5/09 0:20 == 44.1  | 6/5/09 5:00 == 44.1 | 6/5/09 9:40 == 45.6  | 6/5/09 14:20 == 47.1 |
| 6/5/09 0:25 == 44    | 6/5/09 5:05 == 44   | 6/5/09 9:45 == 45.6  | 6/5/09 14:25 == 47.1 |
| 6/5/09 0:30 == 44    | 6/5/09 5:10 == 43.9 | 6/5/09 9:50 == 45.5  | 6/5/09 14:30 == 46.8 |
| 6/5/09 0:35 == 44    | 6/5/09 5:15 == 44   | 6/5/09 9:55 == 45.7  | 6/5/09 14:35 == 46.5 |
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| 6/5/09 0:45 == 44    | 6/5/09 5:25 == 43.9 | 6/5/09 10:05 == 46.8 | 6/5/09 14:45 == 46.2 |
| 6/5/09 0:50 == 44.1  | 6/5/09 5:30 == 43.8 | 6/5/09 10:10 == 47   | 6/5/09 14:50 == 46.4 |
| 6/5/09 0:55 == 44    | 6/5/09 5:35 == 44.3 | 6/5/09 10:15 == 47   | 6/5/09 14:55 == 46.4 |
| 6/5/09 1:00 == 44.1  | 6/5/09 5:40 == 44.1 | 6/5/09 10:20 == 46.8 | 6/5/09 15:00 == 46.3 |
| 6/5/09 1:05 == 44    | 6/5/09 5:45 == 44.1 | 6/5/09 10:25 == 46.7 | 6/5/09 15:05 == 46.4 |
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| 6/5/09 16:00 == 45.7 | 6/5/09 20:40 == 44.8 | 6/6/09 1:20 == 44.8 | 6/6/09 6:00 == 45.4  |
| 6/5/09 16:05 == 45.4 | 6/5/09 20:45 == 44.9 | 6/6/09 1:25 == 45   | 6/6/09 6:05 == 45.5  |
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| 6/5/09 17:10 == 45.3 | 6/5/09 21:50 == 44.8 | 6/6/09 2:30 == 44.8 | 6/6/09 7:10 == 46.1  |
| 6/5/09 17:15 == 45.3 | 6/5/09 21:55 == 44.9 | 6/6/09 2:35 == 44.8 | 6/6/09 7:15 == 46.4  |
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| 6/5/09 17:50 == 45.2 | 6/5/09 22:30 == 45   | 6/6/09 3:10 == 45.2 | 6/6/09 7:50 == 47    |
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| 6/5/09 18:30 == 44.9 | 6/5/09 23:10 == 44.8 | 6/6/09 3:50 == 44.9 | 6/6/09 8:30 == 47.6  |
| 6/5/09 18:35 == 44.2 | 6/5/09 23:15 == 44.8 | 6/6/09 3:55 == 45   | 6/6/09 8:35 == 47.5  |
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| 6/5/09 18:50 == 44.1 | 6/5/09 23:30 == 44.7 | 6/6/09 4:10 == 45.2 | 6/6/09 8:50 == 47.6  |
| 6/5/09 18:55 == 44   | 6/5/09 23:35 == 44.8 | 6/6/09 4:15 == 45.2 | 6/6/09 8:55 == 47.7  |
| 6/5/09 19:00 == 44.2 | 6/5/09 23:40 == 44.9 | 6/6/09 4:20 == 45.2 | 6/6/09 9:00 == 47.8  |
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| 6/5/09 19:20 == 44.7 | 6/6/09 0:00 == 45.4  | 6/6/09 4:40 == 45.2 | 6/6/09 9:20 == 46.6  |
| 6/5/09 19:25 == 44.8 | 6/6/09 0:05 == 44.6  | 6/6/09 4:45 == 45.3 | 6/6/09 9:25 == 46.6  |
| 6/5/09 19:30 == 44.9 | 6/6/09 0:10 == 45.1  | 6/6/09 4:50 == 45.1 | 6/6/09 9:30 == 46.6  |
| 6/5/09 19:35 == 44.9 | 6/6/09 0:15 == 45.1  | 6/6/09 4:55 == 45.2 | 6/6/09 9:35 == 46.5  |
| 6/5/09 19:40 == 44.8 | 6/6/09 0:20 == 45    | 6/6/09 5:00 == 45.3 | 6/6/09 9:40 == 46.4  |
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| 6/5/09 19:55 == 44.8 | 6/6/09 0:35 == 45.1  | 6/6/09 5:15 == 45   | 6/6/09 9:55 == 46.6  |
| 6/5/09 20:00 == 44.8 | 6/6/09 0:40 == 45.1  | 6/6/09 5:20 == 45   | 6/6/09 10:00 == 46.9 |
| 6/5/09 20:05 == 44.7 | 6/6/09 0:45 == 45    | 6/6/09 5:25 == 45   | 6/6/09 10:05 == 46   |
| 6/5/09 20:10 == 44.7 | 6/6/09 0:50 == 45.1  | 6/6/09 5:30 == 45.1 | 6/6/09 10:10 == 46   |
| 6/5/09 20:15 == 44.8 | 6/6/09 0:55 == 45.1  | 6/6/09 5:35 == 45.3 | 6/6/09 10:15 == 46.3 |
| 6/5/09 20:20 == 44.6 | 6/6/09 1:00 == 45.1  | 6/6/09 5:40 == 45.2 | 6/6/09 10:20 == 45.8 |
| 6/5/09 20:25 == 44.9 | 6/6/09 1:05 == 45    | 6/6/09 5:45 == 45.4 | 6/6/09 10:25 == 46.1 |
| 6/5/09 20:30 == 44.8 | 6/6/09 1:10 == 45    | 6/6/09 5:50 == 45.3 | 6/6/09 10:30 == 46.3 |
| 6/5/09 20:35 == 44.6 | 6/6/09 1:15 == 45    | 6/6/09 5:55 == 45.2 | 6/6/09 10:35 == 46   |

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| 6/6/09 10:40 == 46.2 | 6/6/09 15:20 == 45.3 | 6/6/09 20:00 == 45.3 | 6/7/09 0:40 == 45.6 |
| 6/6/09 10:45 == 46.2 | 6/6/09 15:25 == 45.4 | 6/6/09 20:05 == 45.1 | 6/7/09 0:45 == 45.4 |
| 6/6/09 10:50 == 46.1 | 6/6/09 15:30 == 45.3 | 6/6/09 20:10 == 45.3 | 6/7/09 0:50 == 45.6 |
| 6/6/09 10:55 == 46.1 | 6/6/09 15:35 == 45.4 | 6/6/09 20:15 == 45.4 | 6/7/09 0:55 == 45.4 |
| 6/6/09 11:00 == 46.2 | 6/6/09 15:40 == 45.3 | 6/6/09 20:20 == 45.1 | 6/7/09 1:00 == 45.6 |
| 6/6/09 11:05 == 46.1 | 6/6/09 15:45 == 45.4 | 6/6/09 20:25 == 45.4 | 6/7/09 1:05 == 45.4 |
| 6/6/09 11:10 == 46.4 | 6/6/09 15:50 == 45.3 | 6/6/09 20:30 == 45.4 | 6/7/09 1:10 == 45.4 |
| 6/6/09 11:15 == 46.2 | 6/6/09 15:55 == 45.2 | 6/6/09 20:35 == 45.2 | 6/7/09 1:15 == 45.3 |
| 6/6/09 11:20 == 46.4 | 6/6/09 16:00 == 45.5 | 6/6/09 20:40 == 45.2 | 6/7/09 1:20 == 45.2 |
| 6/6/09 11:25 == 46.7 | 6/6/09 16:05 == 45.2 | 6/6/09 20:45 == 45.3 | 6/7/09 1:25 == 45.3 |
| 6/6/09 11:30 == 46.6 | 6/6/09 16:10 == 45.4 | 6/6/09 20:50 == 45.1 | 6/7/09 1:30 == 45.4 |
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| 6/6/09 11:40 == 46.4 | 6/6/09 16:20 == 45.4 | 6/6/09 21:00 == 45.3 | 6/7/09 1:40 == 45.4 |
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| 6/6/09 11:50 == 46.7 | 6/6/09 16:30 == 45.5 | 6/6/09 21:10 == 45.3 | 6/7/09 1:50 == 45.1 |
| 6/6/09 11:55 == 46.6 | 6/6/09 16:35 == 45.3 | 6/6/09 21:15 == 45.5 | 6/7/09 1:55 == 45.2 |
| 6/6/09 12:00 == 46.8 | 6/6/09 16:40 == 45.4 | 6/6/09 21:20 == 45.1 | 6/7/09 2:00 == 45.5 |
| 6/6/09 12:05 == 46.4 | 6/6/09 16:45 == 45.4 | 6/6/09 21:25 == 45   | 6/7/09 2:05 == 45.1 |
| 6/6/09 12:10 == 46.6 | 6/6/09 16:50 == 45.2 | 6/6/09 21:30 == 45.2 | 6/7/09 2:10 == 45.3 |
| 6/6/09 12:15 == 46.9 | 6/6/09 16:55 == 45.3 | 6/6/09 21:35 == 45.1 | 6/7/09 2:15 == 45.4 |
| 6/6/09 12:20 == 46.6 | 6/6/09 17:00 == 45.3 | 6/6/09 21:40 == 45.2 | 6/7/09 2:20 == 45   |
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| 6/6/09 13:05 == 47.2 | 6/6/09 17:45 == 45.2 | 6/6/09 22:25 == 45.3 | 6/7/09 3:05 == 45.3 |
| 6/6/09 13:10 == 47.6 | 6/6/09 17:50 == 45.3 | 6/6/09 22:30 == 45.4 | 6/7/09 3:10 == 45.4 |
| 6/6/09 13:15 == 48.2 | 6/6/09 17:55 == 45.3 | 6/6/09 22:35 == 45.2 | 6/7/09 3:15 == 45.4 |
| 6/6/09 13:20 == 48   | 6/6/09 18:00 == 45.8 | 6/6/09 22:40 == 45.2 | 6/7/09 3:20 == 45.5 |
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| 6/6/09 14:00 == 48.3 | 6/6/09 18:40 == 45.2 | 6/6/09 23:20 == 45.4 | 6/7/09 4:00 == 45.8 |
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| 6/6/09 14:15 == 48.5 | 6/6/09 18:55 == 45.1 | 6/6/09 23:35 == 45.4 | 6/7/09 4:15 == 45.4 |
| 6/6/09 14:20 == 48.2 | 6/6/09 19:00 == 45.2 | 6/6/09 23:40 == 45.3 | 6/7/09 4:20 == 45.5 |
| 6/6/09 14:25 == 48   | 6/6/09 19:05 == 45.1 | 6/6/09 23:45 == 45.2 | 6/7/09 4:25 == 45.6 |
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| 6/6/09 14:45 == 47   | 6/6/09 19:25 == 45.2 | 6/7/09 0:05 == 45.1  | 6/7/09 4:45 == 45.4 |
| 6/6/09 14:50 == 47   | 6/6/09 19:30 == 45.4 | 6/7/09 0:10 == 45.3  | 6/7/09 4:50 == 45.4 |
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| 6/6/09 15:10 == 45.7 | 6/6/09 19:50 == 45.3 | 6/7/09 0:30 == 45.5  | 6/7/09 5:10 == 45   |
| 6/6/09 15:15 == 45.6 | 6/6/09 19:55 == 45.3 | 6/7/09 0:35 == 45.3  | 6/7/09 5:15 == 45.1 |

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| 6/7/09 5:20 == 44.9 | 6/7/09 10:00 == 47.7 | 6/7/09 14:40 == 46.6 | 6/7/09 19:20 == 45.2 |
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| 6/7/09 6:10 == 45   | 6/7/09 10:50 == 47.2 | 6/7/09 15:30 == 45.6 | 6/7/09 20:10 == 45.4 |
| 6/7/09 6:15 == 45.2 | 6/7/09 10:55 == 47.2 | 6/7/09 15:35 == 45.6 | 6/7/09 20:15 == 45.5 |
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| 6/7/09 6:40 == 45   | 6/7/09 11:20 == 47.1 | 6/7/09 16:00 == 45.7 | 6/7/09 20:40 == 45.4 |
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| 6/7/09 7:20 == 45.5 | 6/7/09 12:00 == 47.2 | 6/7/09 16:40 == 45.8 | 6/7/09 21:20 == 45.2 |
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| 6/7/09 7:30 == 46   | 6/7/09 12:10 == 47.1 | 6/7/09 16:50 == 45.5 | 6/7/09 21:30 == 45.3 |
| 6/7/09 7:35 == 46.1 | 6/7/09 12:15 == 47.2 | 6/7/09 16:55 == 45.5 | 6/7/09 21:35 == 45.3 |
| 6/7/09 7:40 == 46.3 | 6/7/09 12:20 == 47.1 | 6/7/09 17:00 == 45.4 | 6/7/09 21:40 == 45.3 |
| 6/7/09 7:45 == 46.3 | 6/7/09 12:25 == 47.2 | 6/7/09 17:05 == 45.6 | 6/7/09 21:45 == 45.1 |
| 6/7/09 7:50 == 47   | 6/7/09 12:30 == 47.3 | 6/7/09 17:10 == 45.7 | 6/7/09 21:50 == 45.2 |
| 6/7/09 7:55 == 47.6 | 6/7/09 12:35 == 47.3 | 6/7/09 17:15 == 45.6 | 6/7/09 21:55 == 45.3 |
| 6/7/09 8:00 == 47.9 | 6/7/09 12:40 == 47.1 | 6/7/09 17:20 == 45.4 | 6/7/09 22:00 == 45.5 |
| 6/7/09 8:05 == 47.4 | 6/7/09 12:45 == 47.3 | 6/7/09 17:25 == 45.6 | 6/7/09 22:05 == 45.4 |
| 6/7/09 8:10 == 47.6 | 6/7/09 12:50 == 47.2 | 6/7/09 17:30 == 45.7 | 6/7/09 22:10 == 45.4 |
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| 6/7/09 8:20 == 48.2 | 6/7/09 13:00 == 47.2 | 6/7/09 17:40 == 45.3 | 6/7/09 22:20 == 45.5 |
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| 6/7/09 8:50 == 47.8 | 6/7/09 13:30 == 47.4 | 6/7/09 18:10 == 45.3 | 6/7/09 22:50 == 45.3 |
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| 6/8/09 0:00 == 45.9 | 6/8/09 4:40 == 45.8 | 6/8/09 9:20 == 46.5  | 6/8/09 14:00 == 47   |
| 6/8/09 0:05 == 45.5 | 6/8/09 4:45 == 45.9 | 6/8/09 9:25 == 46.6  | 6/8/09 14:05 == 47   |
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| 6/8/09 0:35 == 45.8 | 6/8/09 5:15 == 45.7 | 6/8/09 9:55 == 46.8  | 6/8/09 14:35 == 46.3 |
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| 6/8/09 1:25 == 45.6 | 6/8/09 6:05 == 45.8 | 6/8/09 10:45 == 45.7 | 6/8/09 15:25 == 45   |
| 6/8/09 1:30 == 45.7 | 6/8/09 6:10 == 46.1 | 6/8/09 10:50 == 45.8 | 6/8/09 15:30 == 45.2 |
| 6/8/09 1:35 == 45.6 | 6/8/09 6:15 == 46.2 | 6/8/09 10:55 == 46.3 | 6/8/09 15:35 == 45.1 |
| 6/8/09 1:40 == 45.6 | 6/8/09 6:20 == 45.9 | 6/8/09 11:00 == 46.4 | 6/8/09 15:40 == 45.1 |
| 6/8/09 1:45 == 45.7 | 6/8/09 6:25 == 46   | 6/8/09 11:05 == 46.7 | 6/8/09 15:45 == 45.1 |
| 6/8/09 1:50 == 45.6 | 6/8/09 6:30 == 46.5 | 6/8/09 11:10 == 46.9 | 6/8/09 15:50 == 45.3 |
| 6/8/09 1:55 == 45.7 | 6/8/09 6:35 == 46.1 | 6/8/09 11:15 == 46.3 | 6/8/09 15:55 == 45.1 |
| 6/8/09 2:00 == 45.9 | 6/8/09 6:40 == 46.2 | 6/8/09 11:20 == 46.3 | 6/8/09 16:00 == 45.5 |
| 6/8/09 2:05 == 45.4 | 6/8/09 6:45 == 46.2 | 6/8/09 11:25 == 46.2 | 6/8/09 16:05 == 45.6 |
| 6/8/09 2:10 == 45.6 | 6/8/09 6:50 == 46.3 | 6/8/09 11:30 == 46.6 | 6/8/09 16:10 == 45.6 |
| 6/8/09 2:15 == 45.8 | 6/8/09 6:55 == 46.2 | 6/8/09 11:35 == 46.8 | 6/8/09 16:15 == 46   |
| 6/8/09 2:20 == 45.4 | 6/8/09 7:00 == 46.3 | 6/8/09 11:40 == 46.5 | 6/8/09 16:20 == 45.7 |
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| 6/8/09 4:00 == 46.2 | 6/8/09 8:40 == 46.3 | 6/8/09 13:20 == 47.2 | 6/8/09 18:00 == 45.6 |
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| 6/8/09 4:15 == 45.9 | 6/8/09 8:55 == 47.1 | 6/8/09 13:35 == 47.6 | 6/8/09 18:15 == 45.5 |
| 6/8/09 4:20 == 46   | 6/8/09 9:00 == 47.3 | 6/8/09 13:40 == 47.7 | 6/8/09 18:20 == 45   |
| 6/8/09 4:25 == 46   | 6/8/09 9:05 == 46.8 | 6/8/09 13:45 == 47.5 | 6/8/09 18:25 == 45.2 |
| 6/8/09 4:30 == 46   | 6/8/09 9:10 == 46.7 | 6/8/09 13:50 == 46.9 | 6/8/09 18:30 == 44.9 |
| 6/8/09 4:35 == 45.9 | 6/8/09 9:15 == 46.6 | 6/8/09 13:55 == 46.9 | 6/8/09 18:35 == 45.1 |

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| 6/8/09 18:40 == 45   | 6/8/09 23:20 == 45.2 | 6/9/09 4:00 == 46   | 6/9/09 8:40 == 47.9  |
| 6/8/09 18:45 == 45.2 | 6/8/09 23:25 == 45.2 | 6/9/09 4:05 == 46.1 | 6/9/09 8:45 == 48    |
| 6/8/09 18:50 == 45.2 | 6/8/09 23:30 == 45.1 | 6/9/09 4:10 == 46.2 | 6/9/09 8:50 == 47.8  |
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| 6/8/09 19:00 == 45   | 6/8/09 23:40 == 45.1 | 6/9/09 4:20 == 46   | 6/9/09 9:00 == 48.3  |
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| 6/8/09 19:15 == 45   | 6/8/09 23:55 == 45.4 | 6/9/09 4:35 == 46   | 6/9/09 9:15 == 47.5  |
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| 6/8/09 19:50 == 45   | 6/9/09 0:30 == 45.7  | 6/9/09 5:10 == 45.1 | 6/9/09 9:50 == 48.1  |
| 6/8/09 19:55 == 45.2 | 6/9/09 0:35 == 45.9  | 6/9/09 5:15 == 44.9 | 6/9/09 9:55 == 48    |
| 6/8/09 20:00 == 45.5 | 6/9/09 0:40 == 45.7  | 6/9/09 5:20 == 45   | 6/9/09 10:00 == 48.3 |
| 6/8/09 20:05 == 45.5 | 6/9/09 0:45 == 45.7  | 6/9/09 5:25 == 44.9 | 6/9/09 10:05 == 47.8 |
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| 6/8/09 21:05 == 45.6 | 6/9/09 1:45 == 45.6  | 6/9/09 6:25 == 45.2 | 6/9/09 11:05 == 47.5 |
| 6/8/09 21:10 == 45.4 | 6/9/09 1:50 == 45.8  | 6/9/09 6:30 == 45.5 | 6/9/09 11:10 == 47.5 |
| 6/8/09 21:15 == 45.4 | 6/9/09 1:55 == 45.7  | 6/9/09 6:35 == 45   | 6/9/09 11:15 == 47.4 |
| 6/8/09 21:20 == 45.4 | 6/9/09 2:00 == 46    | 6/9/09 6:40 == 45.3 | 6/9/09 11:20 == 47.2 |
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| 6/8/09 21:55 == 44.9 | 6/9/09 2:35 == 45.7  | 6/9/09 7:15 == 46.6 | 6/9/09 11:55 == 47.2 |
| 6/8/09 22:00 == 45   | 6/9/09 2:40 == 45.7  | 6/9/09 7:20 == 46.5 | 6/9/09 12:00 == 47.5 |
| 6/8/09 22:05 == 45   | 6/9/09 2:45 == 45.8  | 6/9/09 7:25 == 46.9 | 6/9/09 12:05 == 47.9 |
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| 6/8/09 23:00 == 45.3 | 6/9/09 3:40 == 45.8  | 6/9/09 8:20 == 47.7 | 6/9/09 13:00 == 47.9 |
| 6/8/09 23:05 == 45.1 | 6/9/09 3:45 == 45.7  | 6/9/09 8:25 == 48   | 6/9/09 13:05 == 47.9 |
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| 6/9/09 13:20 == 47.6 | 6/9/09 18:00 == 47.6 | 6/9/09 22:40 == 46.4 | 6/10/09 3:20 == 47.5 |
| 6/9/09 13:25 == 47.2 | 6/9/09 18:05 == 47.5 | 6/9/09 22:45 == 47   | 6/10/09 3:25 == 47.4 |
| 6/9/09 13:30 == 47.5 | 6/9/09 18:10 == 47.5 | 6/9/09 22:50 == 46.9 | 6/10/09 3:30 == 47.5 |
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| 6/9/09 14:00 == 48   | 6/9/09 18:40 == 47   | 6/9/09 23:20 == 46.7 | 6/10/09 4:00 == 47.7 |
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| 6/9/09 15:55 == 47.2 | 6/9/09 20:35 == 47.4 | 6/10/09 1:15 == 47.3 | 6/10/09 5:55 == 47.4 |
| 6/9/09 16:00 == 47.5 | 6/9/09 20:40 == 47.6 | 6/10/09 1:20 == 47.1 | 6/10/09 6:00 == 47.8 |
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| 6/9/09 16:55 == 47.4 | 6/9/09 21:35 == 47   | 6/10/09 2:15 == 47.1 | 6/10/09 6:55 == 47.2 |
| 6/9/09 17:00 == 47.4 | 6/9/09 21:40 == 47   | 6/10/09 2:20 == 47.1 | 6/10/09 7:00 == 47.1 |
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| 6/9/09 17:35 == 47.6 | 6/9/09 22:15 == 46.4 | 6/10/09 2:55 == 47.3 | 6/10/09 7:35 == 47.5 |
| 6/9/09 17:40 == 47.3 | 6/9/09 22:20 == 46.6 | 6/10/09 3:00 == 47.4 | 6/10/09 7:40 == 47.2 |
| 6/9/09 17:45 == 47.4 | 6/9/09 22:25 == 46.6 | 6/10/09 3:05 == 47.4 | 6/10/09 7:45 == 47.2 |
| 6/9/09 17:50 == 47.3 | 6/9/09 22:30 == 46.6 | 6/10/09 3:10 == 47.5 | 6/10/09 7:50 == 47.5 |
| 6/9/09 17:55 == 47.3 | 6/9/09 22:35 == 46.3 | 6/10/09 3:15 == 47.4 | 6/10/09 7:55 == 47.6 |

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| 6/10/09 8:00 == 48.6  | 6/10/09 12:40 == 48.8 | 6/10/09 17:20 == 46.5 | 6/10/09 22:00 == 45.8 |
| 6/10/09 8:05 == 48.2  | 6/10/09 12:45 == 48.8 | 6/10/09 17:25 == 46.6 | 6/10/09 22:05 == 45.8 |
| 6/10/09 8:10 == 48.3  | 6/10/09 12:50 == 48.6 | 6/10/09 17:30 == 46.9 | 6/10/09 22:10 == 45.8 |
| 6/10/09 8:15 == 48.6  | 6/10/09 12:55 == 48.6 | 6/10/09 17:35 == 46.7 | 6/10/09 22:15 == 45.9 |
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| 6/10/09 8:25 == 48.4  | 6/10/09 13:05 == 48.7 | 6/10/09 17:45 == 46.8 | 6/10/09 22:25 == 45.8 |
| 6/10/09 8:30 == 48.1  | 6/10/09 13:10 == 48.5 | 6/10/09 17:50 == 46.3 | 6/10/09 22:30 == 45.8 |
| 6/10/09 8:35 == 48.1  | 6/10/09 13:15 == 48.5 | 6/10/09 17:55 == 46.4 | 6/10/09 22:35 == 45.7 |
| 6/10/09 8:40 == 48    | 6/10/09 13:20 == 48.7 | 6/10/09 18:00 == 46.7 | 6/10/09 22:40 == 45.7 |
| 6/10/09 8:45 == 48    | 6/10/09 13:25 == 48.3 | 6/10/09 18:05 == 46.7 | 6/10/09 22:45 == 46.4 |
| 6/10/09 8:50 == 47.7  | 6/10/09 13:30 == 48.5 | 6/10/09 18:10 == 46.8 | 6/10/09 22:50 == 46.5 |
| 6/10/09 8:55 == 47.7  | 6/10/09 13:35 == 48.5 | 6/10/09 18:15 == 46.7 | 6/10/09 22:55 == 46.4 |
| 6/10/09 9:00 == 48.2  | 6/10/09 13:40 == 48.7 | 6/10/09 18:20 == 46.2 | 6/10/09 23:00 == 46.4 |
| 6/10/09 9:05 == 47.4  | 6/10/09 13:45 == 48.4 | 6/10/09 18:25 == 46.3 | 6/10/09 23:05 == 46.2 |
| 6/10/09 9:10 == 47.2  | 6/10/09 13:50 == 48.3 | 6/10/09 18:30 == 46.3 | 6/10/09 23:10 == 46.2 |
| 6/10/09 9:15 == 47.2  | 6/10/09 13:55 == 48.4 | 6/10/09 18:35 == 46.4 | 6/10/09 23:15 == 46.2 |
| 6/10/09 9:20 == 47.5  | 6/10/09 14:00 == 48.3 | 6/10/09 18:40 == 46.4 | 6/10/09 23:20 == 46.1 |
| 6/10/09 9:25 == 47.2  | 6/10/09 14:05 == 48   | 6/10/09 18:45 == 46.4 | 6/10/09 23:25 == 46.1 |
| 6/10/09 9:30 == 47.2  | 6/10/09 14:10 == 47.9 | 6/10/09 18:50 == 46.5 | 6/10/09 23:30 == 46.3 |
| 6/10/09 9:35 == 47.2  | 6/10/09 14:15 == 48.3 | 6/10/09 18:55 == 46.5 | 6/10/09 23:35 == 46.3 |
| 6/10/09 9:40 == 47.3  | 6/10/09 14:20 == 47.3 | 6/10/09 19:00 == 46   | 6/10/09 23:40 == 46.3 |
| 6/10/09 9:45 == 47.2  | 6/10/09 14:25 == 47.6 | 6/10/09 19:05 == 46.2 | 6/10/09 23:45 == 46.6 |
| 6/10/09 9:50 == 47.3  | 6/10/09 14:30 == 47.6 | 6/10/09 19:10 == 46.1 | 6/10/09 23:50 == 46.1 |
| 6/10/09 9:55 == 47.7  | 6/10/09 14:35 == 48.1 | 6/10/09 19:15 == 46.4 | 6/10/09 23:55 == 46.2 |
| 6/10/09 10:00 == 47.5 | 6/10/09 14:40 == 47.8 | 6/10/09 19:20 == 46.4 | 6/11/09 0:00 == 46.7  |
| 6/10/09 10:05 == 46.7 | 6/10/09 14:45 == 46.9 | 6/10/09 19:25 == 46.4 | 6/11/09 0:05 == 46.5  |
| 6/10/09 10:10 == 46.6 | 6/10/09 14:50 == 47.1 | 6/10/09 19:30 == 46.6 | 6/11/09 0:10 == 46.5  |
| 6/10/09 10:15 == 47.3 | 6/10/09 14:55 == 46.8 | 6/10/09 19:35 == 46.6 | 6/11/09 0:15 == 46.6  |
| 6/10/09 10:20 == 46.4 | 6/10/09 15:00 == 46.4 | 6/10/09 19:40 == 46.5 | 6/11/09 0:20 == 46.6  |
| 6/10/09 10:25 == 46.8 | 6/10/09 15:05 == 46.5 | 6/10/09 19:45 == 46.7 | 6/11/09 0:25 == 46.6  |
| 6/10/09 10:30 == 46.8 | 6/10/09 15:10 == 46.2 | 6/10/09 19:50 == 46.5 | 6/11/09 0:30 == 46.6  |
| 6/10/09 10:35 == 47   | 6/10/09 15:15 == 46.3 | 6/10/09 19:55 == 46.5 | 6/11/09 0:35 == 46.6  |
| 6/10/09 10:40 == 46.8 | 6/10/09 15:20 == 46.2 | 6/10/09 20:00 == 46.5 | 6/11/09 0:40 == 46.6  |
| 6/10/09 10:45 == 46.9 | 6/10/09 15:25 == 46.2 | 6/10/09 20:05 == 46.8 | 6/11/09 0:45 == 46.8  |
| 6/10/09 10:50 == 47.7 | 6/10/09 15:30 == 46.4 | 6/10/09 20:10 == 46.9 | 6/11/09 0:50 == 46.6  |
| 6/10/09 10:55 == 47.7 | 6/10/09 15:35 == 46.6 | 6/10/09 20:15 == 47   | 6/11/09 0:55 == 46.7  |
| 6/10/09 11:00 == 47.3 | 6/10/09 15:40 == 46.6 | 6/10/09 20:20 == 46.8 | 6/11/09 1:00 == 46.9  |
| 6/10/09 11:05 == 47.2 | 6/10/09 15:45 == 46.6 | 6/10/09 20:25 == 46.7 | 6/11/09 1:05 == 46.6  |
| 6/10/09 11:10 == 47   | 6/10/09 15:50 == 46.5 | 6/10/09 20:30 == 46.8 | 6/11/09 1:10 == 46.5  |
| 6/10/09 11:15 == 47.1 | 6/10/09 15:55 == 46.5 | 6/10/09 20:35 == 46.8 | 6/11/09 1:15 == 46.6  |
| 6/10/09 11:20 == 46.9 | 6/10/09 16:00 == 46.7 | 6/10/09 20:40 == 46.9 | 6/11/09 1:20 == 46.3  |
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| 6/10/09 11:30 == 47.3 | 6/10/09 16:10 == 47.2 | 6/10/09 20:50 == 46.8 | 6/11/09 1:30 == 46.6  |
| 6/10/09 11:35 == 47.2 | 6/10/09 16:15 == 47.6 | 6/10/09 20:55 == 46.7 | 6/11/09 1:35 == 46.6  |
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| 6/10/09 11:45 == 47.2 | 6/10/09 16:25 == 47   | 6/10/09 21:05 == 46.5 | 6/11/09 1:45 == 46.5  |
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| 6/10/09 11:55 == 47.2 | 6/10/09 16:35 == 47.2 | 6/10/09 21:15 == 46.9 | 6/11/09 1:55 == 46.6  |
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| 6/10/09 12:30 == 48.4 | 6/10/09 17:10 == 46.6 | 6/10/09 21:50 == 45.6 | 6/11/09 2:30 == 46.4  |
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| 6/11/09 2:40 == 46.4 | 6/11/09 7:20 == 47.1  | 6/11/09 12:00 == 44.7 | 6/11/09 16:40 == 44.7 |
| 6/11/09 2:45 == 46.4 | 6/11/09 7:25 == 46.6  | 6/11/09 12:05 == 44.9 | 6/11/09 16:45 == 44.7 |
| 6/11/09 2:50 == 46.4 | 6/11/09 7:30 == 46.7  | 6/11/09 12:10 == 44.9 | 6/11/09 16:50 == 44.6 |
| 6/11/09 2:55 == 46.5 | 6/11/09 7:35 == 44.2  | 6/11/09 12:15 == 44.9 | 6/11/09 16:55 == 44.6 |
| 6/11/09 3:00 == 46.5 | 6/11/09 7:40 == 46.3  | 6/11/09 12:20 == 45   | 6/11/09 17:00 == 44.6 |
| 6/11/09 3:05 == 46.6 | 6/11/09 7:45 == 45.8  | 6/11/09 12:25 == 44.8 | 6/11/09 17:05 == 44.5 |
| 6/11/09 3:10 == 46.6 | 6/11/09 7:50 == 45.9  | 6/11/09 12:30 == 44.8 | 6/11/09 17:10 == 44.6 |
| 6/11/09 3:15 == 46.6 | 6/11/09 7:55 == 46    | 6/11/09 12:35 == 45.1 | 6/11/09 17:15 == 44.5 |
| 6/11/09 3:20 == 46.6 | 6/11/09 8:00 == 46.2  | 6/11/09 12:40 == 44.8 | 6/11/09 17:20 == 44.5 |
| 6/11/09 3:25 == 46.6 | 6/11/09 8:05 == 46.1  | 6/11/09 12:45 == 44.7 | 6/11/09 17:25 == 44.6 |
| 6/11/09 3:30 == 46.5 | 6/11/09 8:10 == 45.9  | 6/11/09 12:50 == 45   | 6/11/09 17:30 == 44.6 |
| 6/11/09 3:35 == 46.5 | 6/11/09 8:15 == 43.3  | 6/11/09 12:55 == 45   | 6/11/09 17:35 == 44.5 |
| 6/11/09 3:40 == 46.7 | 6/11/09 8:20 == 46.9  | 6/11/09 13:00 == 44.9 | 6/11/09 17:40 == 44.5 |
| 6/11/09 3:45 == 46.5 | 6/11/09 8:25 == 47    | 6/11/09 13:05 == 44.8 | 6/11/09 17:45 == 44.5 |
| 6/11/09 3:50 == 46.6 | 6/11/09 8:30 == 47.5  | 6/11/09 13:10 == 44.8 | 6/11/09 17:50 == 44.5 |
| 6/11/09 3:55 == 46.5 | 6/11/09 8:35 == 47.3  | 6/11/09 13:15 == 44.9 | 6/11/09 17:55 == 44.5 |
| 6/11/09 4:00 == 46.7 | 6/11/09 8:40 == 47.3  | 6/11/09 13:20 == 44.8 | 6/11/09 18:00 == 44.6 |
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| 6/11/09 4:15 == 46.9 | 6/11/09 8:55 == 47.3  | 6/11/09 13:35 == 45.1 | 6/11/09 18:15 == 44.6 |
| 6/11/09 4:20 == 46.7 | 6/11/09 9:00 == 47    | 6/11/09 13:40 == 45   | 6/11/09 18:20 == 44.6 |
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| 6/11/09 4:55 == 46.8 | 6/11/09 9:35 == 46.7  | 6/11/09 14:15 == 44.9 | 6/11/09 18:55 == 44.6 |
| 6/11/09 5:00 == 46.4 | 6/11/09 9:40 == 46.5  | 6/11/09 14:20 == 44.9 | 6/11/09 19:00 == 44.4 |
| 6/11/09 5:05 == 45.6 | 6/11/09 9:45 == 47    | 6/11/09 14:25 == 45   | 6/11/09 19:05 == 44.6 |
| 6/11/09 5:10 == 45.8 | 6/11/09 9:50 == 46.6  | 6/11/09 14:30 == 44.8 | 6/11/09 19:10 == 44.5 |
| 6/11/09 5:15 == 45.7 | 6/11/09 9:55 == 46.7  | 6/11/09 14:35 == 44.7 | 6/11/09 19:15 == 44.6 |
| 6/11/09 5:20 == 45.7 | 6/11/09 10:00 == 46.9 | 6/11/09 14:40 == 44.7 | 6/11/09 19:20 == 44.4 |
| 6/11/09 5:25 == 45.7 | 6/11/09 10:05 == 46.7 | 6/11/09 14:45 == 44.9 | 6/11/09 19:25 == 44.5 |
| 6/11/09 5:30 == 46   | 6/11/09 10:10 == 46.7 | 6/11/09 14:50 == 44.7 | 6/11/09 19:30 == 44.7 |
| 6/11/09 5:35 == 46.3 | 6/11/09 10:15 == 47.2 | 6/11/09 14:55 == 44.6 | 6/11/09 19:35 == 44.6 |
| 6/11/09 5:40 == 46.1 | 6/11/09 10:20 == 46.2 | 6/11/09 15:00 == 44.6 | 6/11/09 19:40 == 44.5 |
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| 6/11/09 5:55 == 46.2 | 6/11/09 10:35 == 46.8 | 6/11/09 15:15 == 44.7 | 6/11/09 19:55 == 44.8 |
| 6/11/09 6:00 == 46.4 | 6/11/09 10:40 == 46.7 | 6/11/09 15:20 == 44.7 | 6/11/09 20:00 == 44.5 |
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| 6/11/09 6:10 == 46.4 | 6/11/09 10:50 == 46.8 | 6/11/09 15:30 == 44.6 | 6/11/09 20:10 == 44.7 |
| 6/11/09 6:15 == 46.6 | 6/11/09 10:55 == 46.6 | 6/11/09 15:35 == 44.6 | 6/11/09 20:15 == 44.7 |
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| 6/11/09 6:35 == 47.1 | 6/11/09 11:15 == 46.2 | 6/11/09 15:55 == 44.6 | 6/11/09 20:35 == 44.6 |
| 6/11/09 6:40 == 47.2 | 6/11/09 11:20 == 45.1 | 6/11/09 16:00 == 44.6 | 6/11/09 20:40 == 44.7 |
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| 6/11/09 7:15 == 47   | 6/11/09 11:55 == 45.1 | 6/11/09 16:35 == 44.8 | 6/11/09 21:15 == 44.4 |

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| 6/11/09 21:20 == 44.5 | 6/12/09 2:00 == 44.8 | 6/12/09 6:40 == 45.4  | 6/12/09 11:20 == 46   |
| 6/11/09 21:25 == 44.4 | 6/12/09 2:05 == 44.8 | 6/12/09 6:45 == 45.2  | 6/12/09 11:25 == 46.1 |
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| 6/11/09 21:40 == 44.4 | 6/12/09 2:20 == 44.6 | 6/12/09 7:00 == 45    | 6/12/09 11:40 == 46   |
| 6/11/09 21:45 == 44.4 | 6/12/09 2:25 == 44.7 | 6/12/09 7:05 == 45.6  | 6/12/09 11:45 == 46   |
| 6/11/09 21:50 == 44.5 | 6/12/09 2:30 == 44.6 | 6/12/09 7:10 == 45.4  | 6/12/09 11:50 == 45.9 |
| 6/11/09 21:55 == 44.6 | 6/12/09 2:35 == 44.7 | 6/12/09 7:15 == 45.5  | 6/12/09 11:55 == 46   |
| 6/11/09 22:00 == 44.6 | 6/12/09 2:40 == 44.6 | 6/12/09 7:20 == 46.2  | 6/12/09 12:00 == 45.8 |
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| 6/11/09 22:25 == 44.5 | 6/12/09 3:05 == 44.7 | 6/12/09 7:45 == 46    | 6/12/09 12:25 == 45.8 |
| 6/11/09 22:30 == 44.7 | 6/12/09 3:10 == 44.7 | 6/12/09 7:50 == 46.1  | 6/12/09 12:30 == 45.9 |
| 6/11/09 22:35 == 44.6 | 6/12/09 3:15 == 44.7 | 6/12/09 7:55 == 46    | 6/12/09 12:35 == 45.9 |
| 6/11/09 22:40 == 44.6 | 6/12/09 3:20 == 44.8 | 6/12/09 8:00 == 46.2  | 6/12/09 12:40 == 45.9 |
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| 6/11/09 23:35 == 44.6 | 6/12/09 4:15 == 44.9 | 6/12/09 8:55 == 46.3  | 6/12/09 13:35 == 46   |
| 6/11/09 23:40 == 44.8 | 6/12/09 4:20 == 44.7 | 6/12/09 9:00 == 46.2  | 6/12/09 13:40 == 45.9 |
| 6/11/09 23:45 == 44.6 | 6/12/09 4:25 == 44.7 | 6/12/09 9:05 == 45.9  | 6/12/09 13:45 == 45.8 |
| 6/11/09 23:50 == 44.6 | 6/12/09 4:30 == 44.7 | 6/12/09 9:10 == 46.1  | 6/12/09 13:50 == 45.9 |
| 6/11/09 23:55 == 44.6 | 6/12/09 4:35 == 44.8 | 6/12/09 9:15 == 46.1  | 6/12/09 13:55 == 45.8 |
| 6/12/09 0:00 == 44.8  | 6/12/09 4:40 == 44.8 | 6/12/09 9:20 == 46    | 6/12/09 14:00 == 45.9 |
| 6/12/09 0:05 == 44.9  | 6/12/09 4:45 == 44.8 | 6/12/09 9:25 == 46.1  | 6/12/09 14:05 == 46   |
| 6/12/09 0:10 == 44.8  | 6/12/09 4:50 == 44.8 | 6/12/09 9:30 == 45.9  | 6/12/09 14:10 == 46   |
| 6/12/09 0:15 == 44.7  | 6/12/09 4:55 == 44.7 | 6/12/09 9:35 == 45.8  | 6/12/09 14:15 == 46   |
| 6/12/09 0:20 == 44.8  | 6/12/09 5:00 == 44.6 | 6/12/09 9:40 == 46.2  | 6/12/09 14:20 == 45.8 |
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| 6/12/09 1:55 == 44.8  | 6/12/09 6:35 == 45.3 | 6/12/09 11:15 == 46   | 6/12/09 15:55 == 45.7 |

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| 6/12/09 16:00 == 45.7 | 6/12/09 20:40 == 45.6 | 6/13/09 1:20 == 45.9 | 6/13/09 6:00 == 46.1  |
| 6/12/09 16:05 == 45.7 | 6/12/09 20:45 == 45.7 | 6/13/09 1:25 == 46   | 6/13/09 6:05 == 46.2  |
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| 6/12/09 16:40 == 45.9 | 6/12/09 21:20 == 45.5 | 6/13/09 2:00 == 46   | 6/13/09 6:40 == 45.9  |
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| 6/12/09 17:00 == 45.9 | 6/12/09 21:40 == 45.6 | 6/13/09 2:20 == 45.7 | 6/13/09 7:00 == 46.1  |
| 6/12/09 17:05 == 45.6 | 6/12/09 21:45 == 45.4 | 6/13/09 2:25 == 45.7 | 6/13/09 7:05 == 46.2  |
| 6/12/09 17:10 == 45.6 | 6/12/09 21:50 == 45.4 | 6/13/09 2:30 == 45.6 | 6/13/09 7:10 == 46.1  |
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| 6/12/09 17:20 == 45.8 | 6/12/09 22:00 == 45.7 | 6/13/09 2:40 == 45.8 | 6/13/09 7:20 == 46.1  |
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| 6/12/09 18:55 == 45.5 | 6/12/09 23:35 == 45.7 | 6/13/09 4:15 == 45.9 | 6/13/09 8:55 == 46.1  |
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| 6/13/09 10:40 == 46.1 | 6/13/09 15:20 == 45.9 | 6/13/09 20:00 == 45.7 | 6/14/09 0:40 == 46   |
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| 6/13/09 11:05 == 46.1 | 6/13/09 15:45 == 45.9 | 6/13/09 20:25 == 45.9 | 6/14/09 1:05 == 46.1 |
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| 6/13/09 11:50 == 46   | 6/13/09 16:30 == 46   | 6/13/09 21:10 == 45.5 | 6/14/09 1:50 == 46   |
| 6/13/09 11:55 == 46   | 6/13/09 16:35 == 45.9 | 6/13/09 21:15 == 45.4 | 6/14/09 1:55 == 46   |
| 6/13/09 12:00 == 46.1 | 6/13/09 16:40 == 46   | 6/13/09 21:20 == 45.6 | 6/14/09 2:00 == 46   |
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| 6/13/09 14:20 == 46   | 6/13/09 19:00 == 45.7 | 6/13/09 23:40 == 45.8 | 6/14/09 4:20 == 46   |
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| 6/13/09 14:40 == 45.8 | 6/13/09 19:20 == 45.6 | 6/14/09 0:00 == 46    | 6/14/09 4:40 == 45.8 |
| 6/13/09 14:45 == 45.8 | 6/13/09 19:25 == 45.5 | 6/14/09 0:05 == 45.8  | 6/14/09 4:45 == 45.8 |
| 6/13/09 14:50 == 45.9 | 6/13/09 19:30 == 45.9 | 6/14/09 0:10 == 45.9  | 6/14/09 4:50 == 45.9 |
| 6/13/09 14:55 == 45.8 | 6/13/09 19:35 == 45.8 | 6/14/09 0:15 == 46    | 6/14/09 4:55 == 45.9 |
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| 6/14/09 5:20 == 45.7 | 6/14/09 10:00 == 46   | 6/14/09 14:40 == 44.4 | 6/14/09 19:20 == 33.4 |
| 6/14/09 5:25 == 45.7 | 6/14/09 10:05 == 46   | 6/14/09 14:45 == 44.7 | 6/14/09 19:25 == 33.3 |
| 6/14/09 5:30 == 45.8 | 6/14/09 10:10 == 45.8 | 6/14/09 14:50 == 44.6 | 6/14/09 19:30 == 33.4 |
| 6/14/09 5:35 == 45.9 | 6/14/09 10:15 == 45.9 | 6/14/09 14:55 == 44.6 | 6/14/09 19:35 == 33.4 |
| 6/14/09 5:40 == 45.8 | 6/14/09 10:20 == 45.9 | 6/14/09 15:00 == 44.6 | 6/14/09 19:40 == 33.3 |
| 6/14/09 5:45 == 46   | 6/14/09 10:25 == 45.9 | 6/14/09 15:05 == 44.6 | 6/14/09 19:45 == 33.3 |
| 6/14/09 5:50 == 46   | 6/14/09 10:30 == 45.3 | 6/14/09 15:10 == 44.6 | 6/14/09 19:50 == 33.3 |
| 6/14/09 5:55 == 45.9 | 6/14/09 10:35 == 44.7 | 6/14/09 15:15 == 44.7 | 6/14/09 19:55 == 33.3 |
| 6/14/09 6:00 == 46.4 | 6/14/09 10:40 == 44.8 | 6/14/09 15:20 == 44.6 | 6/14/09 20:00 == 33.7 |
| 6/14/09 6:05 == 46.2 | 6/14/09 10:45 == 45   | 6/14/09 15:25 == 44.6 | 6/14/09 20:05 == 34   |
| 6/14/09 6:10 == 46.2 | 6/14/09 10:50 == 44.9 | 6/14/09 15:30 == 44.7 | 6/14/09 20:10 == 33.9 |
| 6/14/09 6:15 == 46.3 | 6/14/09 10:55 == 44.8 | 6/14/09 15:35 == 44.8 | 6/14/09 20:15 == 34.2 |
| 6/14/09 6:20 == 46.4 | 6/14/09 11:00 == 45   | 6/14/09 15:40 == 44.9 | 6/14/09 20:20 == 34.1 |
| 6/14/09 6:25 == 46.1 | 6/14/09 11:05 == 44.9 | 6/14/09 15:45 == 44.6 | 6/14/09 20:25 == 34.1 |
| 6/14/09 6:30 == 46.1 | 6/14/09 11:10 == 44.8 | 6/14/09 15:50 == 44.6 | 6/14/09 20:30 == 34.1 |
| 6/14/09 6:35 == 46.2 | 6/14/09 11:15 == 44.8 | 6/14/09 15:55 == 44.7 | 6/14/09 20:35 == 34.1 |
| 6/14/09 6:40 == 46.1 | 6/14/09 11:20 == 44.8 | 6/14/09 16:00 == 44.7 | 6/14/09 20:40 == 34.1 |
| 6/14/09 6:45 == 46   | 6/14/09 11:25 == 44.8 | 6/14/09 16:05 == 44.7 | 6/14/09 20:45 == 34.4 |
| 6/14/09 6:50 == 46.1 | 6/14/09 11:30 == 45   | 6/14/09 16:10 == 44.6 | 6/14/09 20:50 == 34.8 |
| 6/14/09 6:55 == 45.9 | 6/14/09 11:35 == 45   | 6/14/09 16:15 == 45   | 6/14/09 20:55 == 34.8 |
| 6/14/09 7:00 == 45.8 | 6/14/09 11:40 == 45   | 6/14/09 16:20 == 44.7 | 6/14/09 21:00 == 34.6 |
| 6/14/09 7:05 == 45.7 | 6/14/09 11:45 == 44.9 | 6/14/09 16:25 == 45   | 6/14/09 21:05 == 34.5 |
| 6/14/09 7:10 == 45.9 | 6/14/09 11:50 == 44.7 | 6/14/09 16:30 == 44.8 | 6/14/09 21:10 == 34.7 |
| 6/14/09 7:15 == 45.5 | 6/14/09 11:55 == 44.7 | 6/14/09 16:35 == 44.6 | 6/14/09 21:15 == 34.7 |
| 6/14/09 7:20 == 45   | 6/14/09 12:00 == 44.9 | 6/14/09 16:40 == 44.7 | 6/14/09 21:20 == 34.8 |
| 6/14/09 7:25 == 45   | 6/14/09 12:05 == 44.7 | 6/14/09 16:45 == 44.7 | 6/14/09 21:25 == 34.8 |
| 6/14/09 7:30 == 45   | 6/14/09 12:10 == 44.8 | 6/14/09 16:50 == 44.6 | 6/14/09 21:30 == 34.6 |
| 6/14/09 7:35 == 45   | 6/14/09 12:15 == 45   | 6/14/09 16:55 == 44.6 | 6/14/09 21:35 == 34.6 |
| 6/14/09 7:40 == 45.1 | 6/14/09 12:20 == 44.8 | 6/14/09 17:00 == 44.7 | 6/14/09 21:40 == 34.7 |
| 6/14/09 7:45 == 45.1 | 6/14/09 12:25 == 44.7 | 6/14/09 17:05 == 44.6 | 6/14/09 21:45 == 34.6 |
| 6/14/09 7:50 == 45.1 | 6/14/09 12:30 == 44.8 | 6/14/09 17:10 == 44.7 | 6/14/09 21:50 == 34.5 |
| 6/14/09 7:55 == 45.7 | 6/14/09 12:35 == 45   | 6/14/09 17:15 == 44.6 | 6/14/09 21:55 == 34.7 |
| 6/14/09 8:00 == 45.5 | 6/14/09 12:40 == 44.9 | 6/14/09 17:20 == 44.6 | 6/14/09 22:00 == 34.9 |
| 6/14/09 8:05 == 45.4 | 6/14/09 12:45 == 44.9 | 6/14/09 17:25 == 44.5 | 6/14/09 22:05 == 35.2 |
| 6/14/09 8:10 == 45.3 | 6/14/09 12:50 == 44.9 | 6/14/09 17:30 == 44.8 | 6/14/09 22:10 == 35.1 |
| 6/14/09 8:15 == 45.6 | 6/14/09 12:55 == 44.9 | 6/14/09 17:35 == 44.7 | 6/14/09 22:15 == 35.3 |
| 6/14/09 8:20 == 45.1 | 6/14/09 13:00 == 44.8 | 6/14/09 17:40 == 44.8 | 6/14/09 22:20 == 35.2 |
| 6/14/09 8:25 == 45.3 | 6/14/09 13:05 == 44.9 | 6/14/09 17:45 == 44.6 | 6/14/09 22:25 == 35.1 |
| 6/14/09 8:30 == 45.1 | 6/14/09 13:10 == 44.7 | 6/14/09 17:50 == 44.5 | 6/14/09 22:30 == 35.3 |
| 6/14/09 8:35 == 46   | 6/14/09 13:15 == 44.8 | 6/14/09 17:55 == 44.5 | 6/14/09 22:35 == 35.3 |
| 6/14/09 8:40 == 45.9 | 6/14/09 13:20 == 44.7 | 6/14/09 18:00 == 44.6 | 6/14/09 22:40 == 35.3 |
| 6/14/09 8:45 == 45.9 | 6/14/09 13:25 == 44.8 | 6/14/09 18:05 == 44.4 | 6/14/09 22:45 == 35.4 |
| 6/14/09 8:50 == 45.9 | 6/14/09 13:30 == 45.1 | 6/14/09 18:10 == 44.5 | 6/14/09 22:50 == 35.4 |
| 6/14/09 8:55 == 45.9 | 6/14/09 13:35 == 44.9 | 6/14/09 18:15 == 44.4 | 6/14/09 22:55 == 35.3 |
| 6/14/09 9:00 == 46   | 6/14/09 13:40 == 44.9 | 6/14/09 18:20 == 44.4 | 6/14/09 23:00 == 35.6 |
| 6/14/09 9:05 == 45.9 | 6/14/09 13:45 == 45   | 6/14/09 18:25 == 44.5 | 6/14/09 23:05 == 35.3 |
| 6/14/09 9:10 == 45.8 | 6/14/09 13:50 == 44.7 | 6/14/09 18:30 == 44.5 | 6/14/09 23:10 == 35.3 |
| 6/14/09 9:15 == 45.8 | 6/14/09 13:55 == 44.8 | 6/14/09 18:35 == 44.4 | 6/14/09 23:15 == 35.3 |
| 6/14/09 9:20 == 45.8 | 6/14/09 14:00 == 44.8 | 6/14/09 18:40 == 44.5 | 6/14/09 23:20 == 35.3 |
| 6/14/09 9:25 == 45.7 | 6/14/09 14:05 == 44.9 | 6/14/09 18:45 == 44.4 | 6/14/09 23:25 == 35.3 |
| 6/14/09 9:30 == 45.9 | 6/14/09 14:10 == 44.9 | 6/14/09 18:50 == 44.5 | 6/14/09 23:30 == 35.4 |
| 6/14/09 9:35 == 46   | 6/14/09 14:15 == 44.8 | 6/14/09 18:55 == 44.5 | 6/14/09 23:35 == 35.3 |
| 6/14/09 9:40 == 46.1 | 6/14/09 14:20 == 44.8 | 6/14/09 19:00 == 38.5 | 6/14/09 23:40 == 35.3 |
| 6/14/09 9:45 == 46.1 | 6/14/09 14:25 == 44.8 | 6/14/09 19:05 == 31.5 | 6/14/09 23:45 == 35.3 |
| 6/14/09 9:50 == 45.8 | 6/14/09 14:30 == 44.7 | 6/14/09 19:10 == 31.6 | 6/14/09 23:50 == 35.3 |
| 6/14/09 9:55 == 46.1 | 6/14/09 14:35 == 44.6 | 6/14/09 19:15 == 32.5 | 6/14/09 23:55 == 35.2 |

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| 6/15/09 0:00 == 37.9 | 6/15/09 4:40 == 33.5 | 6/15/09 9:20 == 34.7  | 6/15/09 14:00 == 35   |
| 6/15/09 0:05 == 44.8 | 6/15/09 4:45 == 33.9 | 6/15/09 9:25 == 34.8  | 6/15/09 14:05 == 34.9 |
| 6/15/09 0:10 == 44.7 | 6/15/09 4:50 == 34.3 | 6/15/09 9:30 == 34.8  | 6/15/09 14:10 == 35.2 |
| 6/15/09 0:15 == 44.9 | 6/15/09 4:55 == 34.2 | 6/15/09 9:35 == 34.9  | 6/15/09 14:15 == 35.2 |
| 6/15/09 0:20 == 44.7 | 6/15/09 5:00 == 34   | 6/15/09 9:40 == 34.8  | 6/15/09 14:20 == 35.1 |
| 6/15/09 0:25 == 44.8 | 6/15/09 5:05 == 34   | 6/15/09 9:45 == 34.9  | 6/15/09 14:25 == 35.1 |
| 6/15/09 0:30 == 45   | 6/15/09 5:10 == 33.9 | 6/15/09 9:50 == 34.7  | 6/15/09 14:30 == 35.1 |
| 6/15/09 0:35 == 45   | 6/15/09 5:15 == 33.9 | 6/15/09 9:55 == 34.9  | 6/15/09 14:35 == 35   |
| 6/15/09 0:40 == 45   | 6/15/09 5:20 == 33.9 | 6/15/09 10:00 == 34.7 | 6/15/09 14:40 == 35.1 |
| 6/15/09 0:45 == 44.8 | 6/15/09 5:25 == 34   | 6/15/09 10:05 == 34.9 | 6/15/09 14:45 == 35.1 |
| 6/15/09 0:50 == 45   | 6/15/09 5:30 == 34.2 | 6/15/09 10:10 == 34.9 | 6/15/09 14:50 == 35   |
| 6/15/09 0:55 == 44.9 | 6/15/09 5:35 == 34.2 | 6/15/09 10:15 == 34.9 | 6/15/09 14:55 == 35.1 |
| 6/15/09 1:00 == 44.9 | 6/15/09 5:40 == 34.2 | 6/15/09 10:20 == 35   | 6/15/09 15:00 == 35   |
| 6/15/09 1:05 == 45   | 6/15/09 5:45 == 34.3 | 6/15/09 10:25 == 34.9 | 6/15/09 15:05 == 35.1 |
| 6/15/09 1:10 == 45   | 6/15/09 5:50 == 34.2 | 6/15/09 10:30 == 35   | 6/15/09 15:10 == 35.2 |
| 6/15/09 1:15 == 44.9 | 6/15/09 5:55 == 34.3 | 6/15/09 10:35 == 34.9 | 6/15/09 15:15 == 35.2 |
| 6/15/09 1:20 == 45   | 6/15/09 6:00 == 34.4 | 6/15/09 10:40 == 35.1 | 6/15/09 15:20 == 35.3 |
| 6/15/09 1:25 == 45   | 6/15/09 6:05 == 34.4 | 6/15/09 10:45 == 34.9 | 6/15/09 15:25 == 35.2 |
| 6/15/09 1:30 == 44.9 | 6/15/09 6:10 == 34.4 | 6/15/09 10:50 == 35   | 6/15/09 15:30 == 35.1 |
| 6/15/09 1:35 == 44.9 | 6/15/09 6:15 == 34.8 | 6/15/09 10:55 == 35   | 6/15/09 15:35 == 34.6 |
| 6/15/09 1:40 == 45   | 6/15/09 6:20 == 34.9 | 6/15/09 11:00 == 35   | 6/15/09 15:40 == 34.7 |
| 6/15/09 1:45 == 45   | 6/15/09 6:25 == 34.9 | 6/15/09 11:05 == 35   | 6/15/09 15:45 == 34.4 |
| 6/15/09 1:50 == 44.9 | 6/15/09 6:30 == 34.7 | 6/15/09 11:10 == 34.5 | 6/15/09 15:50 == 34.6 |
| 6/15/09 1:55 == 45   | 6/15/09 6:35 == 34.3 | 6/15/09 11:15 == 34.6 | 6/15/09 15:55 == 34.5 |
| 6/15/09 2:00 == 45   | 6/15/09 6:40 == 34.4 | 6/15/09 11:20 == 34.5 | 6/15/09 16:00 == 34.7 |
| 6/15/09 2:05 == 44.9 | 6/15/09 6:45 == 34.2 | 6/15/09 11:25 == 34.6 | 6/15/09 16:05 == 34.6 |
| 6/15/09 2:10 == 45   | 6/15/09 6:50 == 34.3 | 6/15/09 11:30 == 34.7 | 6/15/09 16:10 == 34.5 |
| 6/15/09 2:15 == 44.8 | 6/15/09 6:55 == 34.1 | 6/15/09 11:35 == 34.7 | 6/15/09 16:15 == 35.2 |
| 6/15/09 2:20 == 44.7 | 6/15/09 7:00 == 34.1 | 6/15/09 11:40 == 34.6 | 6/15/09 16:20 == 35.6 |
| 6/15/09 2:25 == 44.8 | 6/15/09 7:05 == 34   | 6/15/09 11:45 == 34.5 | 6/15/09 16:25 == 35.4 |
| 6/15/09 2:30 == 44.6 | 6/15/09 7:10 == 34   | 6/15/09 11:50 == 34.5 | 6/15/09 16:30 == 35.3 |
| 6/15/09 2:35 == 44.6 | 6/15/09 7:15 == 34.1 | 6/15/09 11:55 == 34.4 | 6/15/09 16:35 == 35.3 |
| 6/15/09 2:40 == 44.6 | 6/15/09 7:20 == 33.8 | 6/15/09 12:00 == 34.7 | 6/15/09 16:40 == 35.4 |
| 6/15/09 2:45 == 44.7 | 6/15/09 7:25 == 34.2 | 6/15/09 12:05 == 35.1 | 6/15/09 16:45 == 35.2 |
| 6/15/09 2:50 == 44.7 | 6/15/09 7:30 == 34.4 | 6/15/09 12:10 == 35   | 6/15/09 16:50 == 35.2 |
| 6/15/09 2:55 == 44.8 | 6/15/09 7:35 == 34.8 | 6/15/09 12:15 == 34.7 | 6/15/09 16:55 == 35.3 |
| 6/15/09 3:00 == 44.8 | 6/15/09 7:40 == 34.7 | 6/15/09 12:20 == 34.5 | 6/15/09 17:00 == 35   |
| 6/15/09 3:05 == 44.8 | 6/15/09 7:45 == 34.9 | 6/15/09 12:25 == 34.5 | 6/15/09 17:05 == 34.7 |
| 6/15/09 3:10 == 44.7 | 6/15/09 7:50 == 34.9 | 6/15/09 12:30 == 34.6 | 6/15/09 17:10 == 34.7 |
| 6/15/09 3:15 == 38.8 | 6/15/09 7:55 == 35   | 6/15/09 12:35 == 34.3 | 6/15/09 17:15 == 34.5 |
| 6/15/09 3:20 == 31.9 | 6/15/09 8:00 == 34.9 | 6/15/09 12:40 == 34.3 | 6/15/09 17:20 == 34.6 |
| 6/15/09 3:25 == 32   | 6/15/09 8:05 == 34.6 | 6/15/09 12:45 == 34.8 | 6/15/09 17:25 == 34.6 |
| 6/15/09 3:30 == 32.4 | 6/15/09 8:10 == 34.7 | 6/15/09 12:50 == 35   | 6/15/09 17:30 == 35   |
| 6/15/09 3:35 == 32.5 | 6/15/09 8:15 == 34.6 | 6/15/09 12:55 == 35   | 6/15/09 17:35 == 35.3 |
| 6/15/09 3:40 == 32.7 | 6/15/09 8:20 == 34.7 | 6/15/09 13:00 == 35   | 6/15/09 17:40 == 35.2 |
| 6/15/09 3:45 == 32.9 | 6/15/09 8:25 == 34.9 | 6/15/09 13:05 == 35.1 | 6/15/09 17:45 == 35.2 |
| 6/15/09 3:50 == 33.5 | 6/15/09 8:30 == 34.7 | 6/15/09 13:10 == 35   | 6/15/09 17:50 == 35.1 |
| 6/15/09 3:55 == 33.4 | 6/15/09 8:35 == 34.7 | 6/15/09 13:15 == 35   | 6/15/09 17:55 == 35.2 |
| 6/15/09 4:00 == 33.6 | 6/15/09 8:40 == 34.4 | 6/15/09 13:20 == 35.1 | 6/15/09 18:00 == 35.2 |
| 6/15/09 4:05 == 33.4 | 6/15/09 8:45 == 34.6 | 6/15/09 13:25 == 35.1 | 6/15/09 18:05 == 35   |
| 6/15/09 4:10 == 33.5 | 6/15/09 8:50 == 34   | 6/15/09 13:30 == 35.3 | 6/15/09 18:10 == 35   |
| 6/15/09 4:15 == 33.6 | 6/15/09 8:55 == 34.1 | 6/15/09 13:35 == 35.3 | 6/15/09 18:15 == 35.2 |
| 6/15/09 4:20 == 33.6 | 6/15/09 9:00 == 34.5 | 6/15/09 13:40 == 35.2 | 6/15/09 18:20 == 35   |
| 6/15/09 4:25 == 33.6 | 6/15/09 9:05 == 34.8 | 6/15/09 13:45 == 35.1 | 6/15/09 18:25 == 35.1 |
| 6/15/09 4:30 == 33.5 | 6/15/09 9:10 == 34.8 | 6/15/09 13:50 == 35   | 6/15/09 18:30 == 35.1 |
| 6/15/09 4:35 == 33.6 | 6/15/09 9:15 == 34.6 | 6/15/09 13:55 == 35   | 6/15/09 18:35 == 35   |



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| 6/15/09 18:40 == 35.2 | 6/15/09 23:20 == 33.1 | 6/16/09 4:00 == 34.8 | 6/16/09 8:40 == 35.1  |
| 6/15/09 18:45 == 35.1 | 6/15/09 23:25 == 33.2 | 6/16/09 4:05 == 34.8 | 6/16/09 8:45 == 35.1  |
| 6/15/09 18:50 == 35.2 | 6/15/09 23:30 == 33.7 | 6/16/09 4:10 == 34.7 | 6/16/09 8:50 == 35    |
| 6/15/09 18:55 == 35   | 6/15/09 23:35 == 33.9 | 6/16/09 4:15 == 34.8 | 6/16/09 8:55 == 35.1  |
| 6/15/09 19:00 == 35.1 | 6/15/09 23:40 == 33.9 | 6/16/09 4:20 == 34.9 | 6/16/09 9:00 == 35.1  |
| 6/15/09 19:05 == 35.1 | 6/15/09 23:45 == 34   | 6/16/09 4:25 == 34.8 | 6/16/09 9:05 == 35.1  |
| 6/15/09 19:10 == 34.9 | 6/15/09 23:50 == 33.9 | 6/16/09 4:30 == 34.7 | 6/16/09 9:10 == 35.3  |
| 6/15/09 19:15 == 35.2 | 6/15/09 23:55 == 33.9 | 6/16/09 4:35 == 34.7 | 6/16/09 9:15 == 34.8  |
| 6/15/09 19:20 == 35.1 | 6/16/09 0:00 == 34.2  | 6/16/09 4:40 == 34.7 | 6/16/09 9:20 == 34.5  |
| 6/15/09 19:25 == 35.2 | 6/16/09 0:05 == 34    | 6/16/09 4:45 == #    | 6/16/09 9:25 == 34.5  |
| 6/15/09 19:30 == 38.4 | 6/16/09 0:10 == 34    | 6/16/09 4:50 == 34.7 | 6/16/09 9:30 == 34.7  |
| 6/15/09 19:35 == 44.7 | 6/16/09 0:15 == 34.1  | 6/16/09 4:55 == 34.7 | 6/16/09 9:35 == 35    |
| 6/15/09 19:40 == 44.6 | 6/16/09 0:20 == 34.2  | 6/16/09 5:00 == 34.6 | 6/16/09 9:40 == 35    |
| 6/15/09 19:45 == 44.7 | 6/16/09 0:25 == 34    | 6/16/09 5:05 == 34.6 | 6/16/09 9:45 == 34.9  |
| 6/15/09 19:50 == 44.6 | 6/16/09 0:30 == 34.1  | 6/16/09 5:10 == 34.7 | 6/16/09 9:50 == 34.4  |
| 6/15/09 19:55 == 44.5 | 6/16/09 0:35 == 34.1  | 6/16/09 5:15 == 34.4 | 6/16/09 9:55 == 34.6  |
| 6/15/09 20:00 == 44.5 | 6/16/09 0:40 == 34.1  | 6/16/09 5:20 == 34.5 | 6/16/09 10:00 == 34.9 |
| 6/15/09 20:05 == 44.6 | 6/16/09 0:45 == 34.2  | 6/16/09 5:25 == 34.6 | 6/16/09 10:05 == 35   |
| 6/15/09 20:10 == 44.4 | 6/16/09 0:50 == 34.2  | 6/16/09 5:30 == 34.8 | 6/16/09 10:10 == 35.1 |
| 6/15/09 20:15 == 44.6 | 6/16/09 0:55 == 34.1  | 6/16/09 5:35 == 34.7 | 6/16/09 10:15 == 35   |
| 6/15/09 20:20 == 44.6 | 6/16/09 1:00 == 34.3  | 6/16/09 5:40 == 34.7 | 6/16/09 10:20 == 34.9 |
| 6/15/09 20:25 == 44.6 | 6/16/09 1:05 == 34.2  | 6/16/09 5:45 == 35.1 | 6/16/09 10:25 == 35   |
| 6/15/09 20:30 == 44.7 | 6/16/09 1:10 == 34.1  | 6/16/09 5:50 == 35.3 | 6/16/09 10:30 == 35   |
| 6/15/09 20:35 == 44.6 | 6/16/09 1:15 == 34.1  | 6/16/09 5:55 == 35.4 | 6/16/09 10:35 == 34.9 |
| 6/15/09 20:40 == 44.6 | 6/16/09 1:20 == 34.1  | 6/16/09 6:00 == 35.6 | 6/16/09 10:40 == 34.9 |
| 6/15/09 20:45 == 44.6 | 6/16/09 1:25 == 34.1  | 6/16/09 6:05 == 35.5 | 6/16/09 10:45 == 34.7 |
| 6/15/09 20:50 == 44.5 | 6/16/09 1:30 == 34.6  | 6/16/09 6:10 == 35.4 | 6/16/09 10:50 == 34.5 |
| 6/15/09 20:55 == 44.5 | 6/16/09 1:35 == 34.7  | 6/16/09 6:15 == 35.5 | 6/16/09 10:55 == 34.5 |
| 6/15/09 21:00 == 44.3 | 6/16/09 1:40 == 34.7  | 6/16/09 6:20 == 35.5 | 6/16/09 11:00 == 34.4 |
| 6/15/09 21:05 == 44.3 | 6/16/09 1:45 == 34.5  | 6/16/09 6:25 == 35.3 | 6/16/09 11:05 == 34.5 |
| 6/15/09 21:10 == 44.4 | 6/16/09 1:50 == 34.2  | 6/16/09 6:30 == 35.1 | 6/16/09 11:10 == 34.4 |
| 6/15/09 21:15 == 44.6 | 6/16/09 1:55 == 34.2  | 6/16/09 6:35 == 34.5 | 6/16/09 11:15 == 34.7 |
| 6/15/09 21:20 == 44.4 | 6/16/09 2:00 == 34.5  | 6/16/09 6:40 == 34.7 | 6/16/09 11:20 == 35   |
| 6/15/09 21:25 == 44.4 | 6/16/09 2:05 == 34.8  | 6/16/09 6:45 == 34.9 | 6/16/09 11:25 == 35   |
| 6/15/09 21:30 == 44.3 | 6/16/09 2:10 == 34.8  | 6/16/09 6:50 == 35.4 | 6/16/09 11:30 == 34.5 |
| 6/15/09 21:35 == 44.2 | 6/16/09 2:15 == 34.8  | 6/16/09 6:55 == 35.3 | 6/16/09 11:35 == 34.4 |
| 6/15/09 21:40 == 44.2 | 6/16/09 2:20 == 34.7  | 6/16/09 7:00 == 34.9 | 6/16/09 11:40 == 34.3 |
| 6/15/09 21:45 == 44.4 | 6/16/09 2:25 == 34.7  | 6/16/09 7:05 == 34.6 | 6/16/09 11:45 == 34.3 |
| 6/15/09 21:50 == 44.2 | 6/16/09 2:30 == 34.8  | 6/16/09 7:10 == 34.3 | 6/16/09 11:50 == 34.3 |
| 6/15/09 21:55 == 44.3 | 6/16/09 2:35 == 34.6  | 6/16/09 7:15 == 34.9 | 6/16/09 11:55 == 34.4 |
| 6/15/09 22:00 == 44.3 | 6/16/09 2:40 == 34.6  | 6/16/09 7:20 == 35.1 | 6/16/09 12:00 == 34.4 |
| 6/15/09 22:05 == 44.3 | 6/16/09 2:45 == 34.6  | 6/16/09 7:25 == 35   | 6/16/09 12:05 == 34.5 |
| 6/15/09 22:10 == 44.2 | 6/16/09 2:50 == 34.6  | 6/16/09 7:30 == 34.7 | 6/16/09 12:10 == 34.6 |
| 6/15/09 22:15 == 37.9 | 6/16/09 2:55 == 34.7  | 6/16/09 7:35 == 34.4 | 6/16/09 12:15 == 34.7 |
| 6/15/09 22:20 == 31.5 | 6/16/09 3:00 == 34.7  | 6/16/09 7:40 == 34.4 | 6/16/09 12:20 == 34.6 |
| 6/15/09 22:25 == 31.5 | 6/16/09 3:05 == 34.7  | 6/16/09 7:45 == 34.8 | 6/16/09 12:25 == 34.6 |
| 6/15/09 22:30 == 32   | 6/16/09 3:10 == 34.7  | 6/16/09 7:50 == 34.9 | 6/16/09 12:30 == 34.7 |
| 6/15/09 22:35 == 32.3 | 6/16/09 3:15 == 34.8  | 6/16/09 7:55 == 34.8 | 6/16/09 12:35 == 34.7 |
| 6/15/09 22:40 == 32.2 | 6/16/09 3:20 == 34.7  | 6/16/09 8:00 == 35   | 6/16/09 12:40 == 34.6 |
| 6/15/09 22:45 == 32.8 | 6/16/09 3:25 == 34.9  | 6/16/09 8:05 == 35   | 6/16/09 12:45 == 35   |
| 6/15/09 22:50 == 33.3 | 6/16/09 3:30 == 34.7  | 6/16/09 8:10 == 35.1 | 6/16/09 12:50 == 35.3 |
| 6/15/09 22:55 == 33.1 | 6/16/09 3:35 == 34.7  | 6/16/09 8:15 == 34.8 | 6/16/09 12:55 == 35.3 |
| 6/15/09 23:00 == 33.3 | 6/16/09 3:40 == 34.6  | 6/16/09 8:20 == 34.4 | 6/16/09 13:00 == 35.3 |
| 6/15/09 23:05 == 33.2 | 6/16/09 3:45 == 34.7  | 6/16/09 8:25 == 34.5 | 6/16/09 13:05 == 35.4 |
| 6/15/09 23:10 == 33.2 | 6/16/09 3:50 == 34.8  | 6/16/09 8:30 == 34.9 | 6/16/09 13:10 == 35.5 |
| 6/15/09 23:15 == 33.2 | 6/16/09 3:55 == 34.6  | 6/16/09 8:35 == 35.1 | 6/16/09 13:15 == 35.4 |

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| 6/16/09 13:20 == 35.4 | 6/16/09 18:00 == 34.6 | 6/16/09 22:40 == 44.6 | 6/17/09 3:20 == 34.1 |
| 6/16/09 13:25 == 35.3 | 6/16/09 18:05 == 34.6 | 6/16/09 22:45 == 44.5 | 6/17/09 3:25 == 34.2 |
| 6/16/09 13:30 == 35.3 | 6/16/09 18:10 == 34.6 | 6/16/09 22:50 == 44.6 | 6/17/09 3:30 == 34.1 |
| 6/16/09 13:35 == 35.3 | 6/16/09 18:15 == 34.6 | 6/16/09 22:55 == 44.5 | 6/17/09 3:35 == 34.1 |
| 6/16/09 13:40 == 35.1 | 6/16/09 18:20 == 34.5 | 6/16/09 23:00 == 44.6 | 6/17/09 3:40 == 34.1 |
| 6/16/09 13:45 == 35.3 | 6/16/09 18:25 == 34.6 | 6/16/09 23:05 == 44.6 | 6/17/09 3:45 == 34.1 |
| 6/16/09 13:50 == 35.2 | 6/16/09 18:30 == 34.5 | 6/16/09 23:10 == 44.6 | 6/17/09 3:50 == 34   |
| 6/16/09 13:55 == 35.2 | 6/16/09 18:35 == 34.6 | 6/16/09 23:15 == 44.4 | 6/17/09 3:55 == 34.1 |
| 6/16/09 14:00 == 35.3 | 6/16/09 18:40 == 34.4 | 6/16/09 23:20 == 44.4 | 6/17/09 4:00 == 34.2 |
| 6/16/09 14:05 == 35.2 | 6/16/09 18:45 == 34.6 | 6/16/09 23:25 == 44.4 | 6/17/09 4:05 == 34.2 |
| 6/16/09 14:10 == 35.2 | 6/16/09 18:50 == 34.6 | 6/16/09 23:30 == 36.9 | 6/17/09 4:10 == 34.2 |
| 6/16/09 14:15 == 35.4 | 6/16/09 18:55 == 34.6 | 6/16/09 23:35 == 31.6 | 6/17/09 4:15 == 34.1 |
| 6/16/09 14:20 == 35.2 | 6/16/09 19:00 == 34.9 | 6/16/09 23:40 == 31.7 | 6/17/09 4:20 == 34.1 |
| 6/16/09 14:25 == 35.2 | 6/16/09 19:05 == 35.1 | 6/16/09 23:45 == 31.9 | 6/17/09 4:25 == 34.2 |
| 6/16/09 14:30 == 35.1 | 6/16/09 19:10 == 35.2 | 6/16/09 23:50 == 32.2 | 6/17/09 4:30 == 34.1 |
| 6/16/09 14:35 == 35.1 | 6/16/09 19:15 == 35   | 6/16/09 23:55 == 32.3 | 6/17/09 4:35 == 34   |
| 6/16/09 14:40 == 35.3 | 6/16/09 19:20 == 35.2 | 6/17/09 0:00 == 32.6  | 6/17/09 4:40 == 34.1 |
| 6/16/09 14:45 == 34.7 | 6/16/09 19:25 == 35.1 | 6/17/09 0:05 == 32.4  | 6/17/09 4:45 == 34.1 |
| 6/16/09 14:50 == 34.5 | 6/16/09 19:30 == 35.4 | 6/17/09 0:10 == 32.3  | 6/17/09 4:50 == 34.1 |
| 6/16/09 14:55 == 34.3 | 6/16/09 19:35 == 35.2 | 6/17/09 0:15 == 33    | 6/17/09 4:55 == 34.1 |
| 6/16/09 15:00 == 34.5 | 6/16/09 19:40 == 35.3 | 6/17/09 0:20 == 33.4  | 6/17/09 5:00 == 34.1 |
| 6/16/09 15:05 == 34.5 | 6/16/09 19:45 == 35.4 | 6/17/09 0:25 == 33.3  | 6/17/09 5:05 == 34   |
| 6/16/09 15:10 == 34.6 | 6/16/09 19:50 == 35.3 | 6/17/09 0:30 == 33.4  | 6/17/09 5:10 == 34.1 |
| 6/16/09 15:15 == 34.8 | 6/16/09 19:55 == 35.3 | 6/17/09 0:35 == 33.3  | 6/17/09 5:15 == 34.4 |
| 6/16/09 15:20 == 34.7 | 6/16/09 20:00 == 35.2 | 6/17/09 0:40 == 33.4  | 6/17/09 5:20 == 34.6 |
| 6/16/09 15:25 == 34.7 | 6/16/09 20:05 == 35.2 | 6/17/09 0:45 == 33.4  | 6/17/09 5:25 == 34.7 |
| 6/16/09 15:30 == 34.4 | 6/16/09 20:10 == 35.2 | 6/17/09 0:50 == 33.3  | 6/17/09 5:30 == 34.8 |
| 6/16/09 15:35 == 34.1 | 6/16/09 20:15 == 35.3 | 6/17/09 0:55 == 33.5  | 6/17/09 5:35 == 34.7 |
| 6/16/09 15:40 == 34.1 | 6/16/09 20:20 == 35.4 | 6/17/09 1:00 == 33.6  | 6/17/09 5:40 == 34.8 |
| 6/16/09 15:45 == 34.1 | 6/16/09 20:25 == 35.3 | 6/17/09 1:05 == 33.4  | 6/17/09 5:45 == 34.5 |
| 6/16/09 15:50 == 34.1 | 6/16/09 20:30 == 38.7 | 6/17/09 1:10 == 33.5  | 6/17/09 5:50 == 34.2 |
| 6/16/09 15:55 == 34.2 | 6/16/09 20:35 == 44.7 | 6/17/09 1:15 == 33.5  | 6/17/09 5:55 == 34.1 |
| 6/16/09 16:00 == 34.2 | 6/16/09 20:40 == 44.7 | 6/17/09 1:20 == 33.4  | 6/17/09 6:00 == 34.7 |
| 6/16/09 16:05 == 34.1 | 6/16/09 20:45 == 44.7 | 6/17/09 1:25 == 33.6  | 6/17/09 6:05 == 34.9 |
| 6/16/09 16:10 == 34.3 | 6/16/09 20:50 == 44.7 | 6/17/09 1:30 == 33.5  | 6/17/09 6:10 == 35   |
| 6/16/09 16:15 == 34.7 | 6/16/09 20:55 == 44.5 | 6/17/09 1:35 == 33.5  | 6/17/09 6:15 == 35   |
| 6/16/09 16:20 == 34.9 | 6/16/09 21:00 == 44.6 | 6/17/09 1:40 == 33.4  | 6/17/09 6:20 == 35.2 |
| 6/16/09 16:25 == 34.9 | 6/16/09 21:05 == 44.5 | 6/17/09 1:45 == 33.5  | 6/17/09 6:25 == 35.9 |
| 6/16/09 16:30 == 34.5 | 6/16/09 21:10 == 44.5 | 6/17/09 1:50 == 33.5  | 6/17/09 6:30 == 36   |
| 6/16/09 16:35 == 34.2 | 6/16/09 21:15 == 44.6 | 6/17/09 1:55 == 33.5  | 6/17/09 6:35 == 36   |
| 6/16/09 16:40 == 34.2 | 6/16/09 21:20 == 44.5 | 6/17/09 2:00 == 34    | 6/17/09 6:40 == 36.1 |
| 6/16/09 16:45 == 34.5 | 6/16/09 21:25 == 44.5 | 6/17/09 2:05 == 34.1  | 6/17/09 6:45 == 36.1 |
| 6/16/09 16:50 == 34.7 | 6/16/09 21:30 == 44.8 | 6/17/09 2:10 == 34.2  | 6/17/09 6:50 == 35.7 |
| 6/16/09 16:55 == 34.7 | 6/16/09 21:35 == 44.4 | 6/17/09 2:15 == 33.7  | 6/17/09 6:55 == 35.9 |
| 6/16/09 17:00 == 34.3 | 6/16/09 21:40 == 44.6 | 6/17/09 2:20 == 33.4  | 6/17/09 7:00 == 35.6 |
| 6/16/09 17:05 == 34   | 6/16/09 21:45 == 44.4 | 6/17/09 2:25 == 33.4  | 6/17/09 7:05 == 35.8 |
| 6/16/09 17:10 == 34.2 | 6/16/09 21:50 == 44.5 | 6/17/09 2:30 == 33.7  | 6/17/09 7:10 == 35.8 |
| 6/16/09 17:15 == 34.1 | 6/16/09 21:55 == 44.6 | 6/17/09 2:35 == 34.1  | 6/17/09 7:15 == 35.9 |
| 6/16/09 17:20 == 34   | 6/16/09 22:00 == 44.5 | 6/17/09 2:40 == 34    | 6/17/09 7:20 == 35.8 |
| 6/16/09 17:25 == 34   | 6/16/09 22:05 == 44.5 | 6/17/09 2:45 == 34.1  | 6/17/09 7:25 == 35.6 |
| 6/16/09 17:30 == 33.9 | 6/16/09 22:10 == 44.6 | 6/17/09 2:50 == 34.1  | 6/17/09 7:30 == 35.7 |
| 6/16/09 17:35 == 34.1 | 6/16/09 22:15 == 44.7 | 6/17/09 2:55 == 34.1  | 6/17/09 7:35 == 35.7 |
| 6/16/09 17:40 == 34   | 6/16/09 22:20 == 44.6 | 6/17/09 3:00 == 34.2  | 6/17/09 7:40 == 35.7 |
| 6/16/09 17:45 == 34.3 | 6/16/09 22:25 == 44.6 | 6/17/09 3:05 == 34.2  | 6/17/09 7:45 == 35.9 |
| 6/16/09 17:50 == 34.8 | 6/16/09 22:30 == 44.5 | 6/17/09 3:10 == 34.1  | 6/17/09 7:50 == 35.7 |
| 6/16/09 17:55 == 34.7 | 6/16/09 22:35 == 44.6 | 6/17/09 3:15 == 34.1  | 6/17/09 7:55 == 35.7 |

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| 6/17/09 8:00 == 35.9  | 6/17/09 12:40 == 35.1 | 6/17/09 17:20 == 34.2 | 6/17/09 22:00 == #    |
| 6/17/09 8:05 == 35.7  | 6/17/09 12:45 == 35   | 6/17/09 17:25 == 34.2 | 6/17/09 22:05 == 34.3 |
| 6/17/09 8:10 == 35.7  | 6/17/09 12:50 == 34.9 | 6/17/09 17:30 == 34.4 | 6/17/09 22:10 == 34.3 |
| 6/17/09 8:15 == 36.1  | 6/17/09 12:55 == 34.9 | 6/17/09 17:35 == 34.3 | 6/17/09 22:15 == 34.3 |
| 6/17/09 8:20 == 36.1  | 6/17/09 13:00 == 35.5 | 6/17/09 17:40 == 34.3 | 6/17/09 22:20 == 34.4 |
| 6/17/09 8:25 == 36.4  | 6/17/09 13:05 == 35.8 | 6/17/09 17:45 == 34.3 | 6/17/09 22:25 == 34.3 |
| 6/17/09 8:30 == 36.4  | 6/17/09 13:10 == 35.8 | 6/17/09 17:50 == 34   | 6/17/09 22:30 == 34.4 |
| 6/17/09 8:35 == 36.1  | 6/17/09 13:15 == 35.4 | 6/17/09 17:55 == 34.1 | 6/17/09 22:35 == 34.7 |
| 6/17/09 8:40 == 36.2  | 6/17/09 13:20 == 35   | 6/17/09 18:00 == 34.8 | 6/17/09 22:40 == 34.9 |
| 6/17/09 8:45 == 35.8  | 6/17/09 13:25 == 35.1 | 6/17/09 18:05 == 34.9 | 6/17/09 22:45 == 35   |
| 6/17/09 8:50 == 35.7  | 6/17/09 13:30 == 35.5 | 6/17/09 18:10 == 34.9 | 6/17/09 22:50 == 35.6 |
| 6/17/09 8:55 == 35.6  | 6/17/09 13:35 == 35.4 | 6/17/09 18:15 == 34.3 | 6/17/09 22:55 == 35.4 |
| 6/17/09 9:00 == 35.5  | 6/17/09 13:40 == 35.3 | 6/17/09 18:20 == 33.6 | 6/17/09 23:00 == 35.3 |
| 6/17/09 9:05 == 35.3  | 6/17/09 13:45 == 35.2 | 6/17/09 18:25 == 33.6 | 6/17/09 23:05 == 35.3 |
| 6/17/09 9:10 == 35.4  | 6/17/09 13:50 == 35   | 6/17/09 18:30 == 34.3 | 6/17/09 23:10 == 35.1 |
| 6/17/09 9:15 == 35.5  | 6/17/09 13:55 == 35   | 6/17/09 18:35 == 34.5 | 6/17/09 23:15 == 35   |
| 6/17/09 9:20 == 35.3  | 6/17/09 14:00 == 35.1 | 6/17/09 18:40 == 34.4 | 6/17/09 23:20 == 34.5 |
| 6/17/09 9:25 == 35.2  | 6/17/09 14:05 == 35.1 | 6/17/09 18:45 == 34.5 | 6/17/09 23:25 == 34.4 |
| 6/17/09 9:30 == 35.4  | 6/17/09 14:10 == 35.1 | 6/17/09 18:50 == 34.5 | 6/17/09 23:30 == 34.4 |
| 6/17/09 9:35 == 35.5  | 6/17/09 14:15 == 35   | 6/17/09 18:55 == 34.7 | 6/17/09 23:35 == 34.4 |
| 6/17/09 9:40 == 35.5  | 6/17/09 14:20 == 34.7 | 6/17/09 19:00 == 34.4 | 6/17/09 23:40 == 34.3 |
| 6/17/09 9:45 == 35.6  | 6/17/09 14:25 == 34.6 | 6/17/09 19:05 == 34.5 | 6/17/09 23:45 == 34.2 |
| 6/17/09 9:50 == 35.5  | 6/17/09 14:30 == 34.6 | 6/17/09 19:10 == 34.5 | 6/17/09 23:50 == 34.5 |
| 6/17/09 9:55 == 35.4  | 6/17/09 14:35 == 35.1 | 6/17/09 19:15 == 35.1 | 6/17/09 23:55 == 34.3 |
| 6/17/09 10:00 == 35.6 | 6/17/09 14:40 == 34.7 | 6/17/09 19:20 == 35.1 | 6/18/09 0:00 == 34.3  |
| 6/17/09 10:05 == 35.2 | 6/17/09 14:45 == 34.9 | 6/17/09 19:25 == 35.3 | 6/18/09 0:05 == 34.5  |
| 6/17/09 10:10 == 35.1 | 6/17/09 14:50 == 34.7 | 6/17/09 19:30 == 34.7 | 6/18/09 0:10 == 34.5  |
| 6/17/09 10:15 == 35.1 | 6/17/09 14:55 == 34.6 | 6/17/09 19:35 == 34.6 | 6/18/09 0:15 == 34.6  |
| 6/17/09 10:20 == 34.4 | 6/17/09 15:00 == 34.6 | 6/17/09 19:40 == 34.6 | 6/18/09 0:20 == 35.1  |
| 6/17/09 10:25 == 34.5 | 6/17/09 15:05 == 34.7 | 6/17/09 19:45 == 34.8 | 6/18/09 0:25 == 35    |
| 6/17/09 10:30 == 34.7 | 6/17/09 15:10 == 34.6 | 6/17/09 19:50 == 34.9 | 6/18/09 0:30 == 35    |
| 6/17/09 10:35 == 34.7 | 6/17/09 15:15 == 34.5 | 6/17/09 19:55 == 34.7 | 6/18/09 0:35 == 35.3  |
| 6/17/09 10:40 == 34.8 | 6/17/09 15:20 == 34.6 | 6/17/09 20:00 == 35.5 | 6/18/09 0:40 == 35.2  |
| 6/17/09 10:45 == 34.7 | 6/17/09 15:25 == 34.7 | 6/17/09 20:05 == 35.6 | 6/18/09 0:45 == 35.2  |
| 6/17/09 10:50 == 34.7 | 6/17/09 15:30 == 34.6 | 6/17/09 20:10 == 35.7 | 6/18/09 0:50 == 35.2  |
| 6/17/09 10:55 == 34.8 | 6/17/09 15:35 == 34.3 | 6/17/09 20:15 == 35.7 | 6/18/09 0:55 == 35.3  |
| 6/17/09 11:00 == 34.9 | 6/17/09 15:40 == 34.3 | 6/17/09 20:20 == 35.5 | 6/18/09 1:00 == 35.4  |
| 6/17/09 11:05 == 34.8 | 6/17/09 15:45 == 34.4 | 6/17/09 20:25 == 35.5 | 6/18/09 1:05 == 35.5  |
| 6/17/09 11:10 == 34.8 | 6/17/09 15:50 == 34.7 | 6/17/09 20:30 == 35.7 | 6/18/09 1:10 == 35.3  |
| 6/17/09 11:15 == 35   | 6/17/09 15:55 == 34.7 | 6/17/09 20:35 == 35.8 | 6/18/09 1:15 == 35.3  |
| 6/17/09 11:20 == 34.8 | 6/17/09 16:00 == 34.9 | 6/17/09 20:40 == 35.8 | 6/18/09 1:20 == 34.7  |
| 6/17/09 11:25 == 34.7 | 6/17/09 16:05 == 34.4 | 6/17/09 20:45 == 35.6 | 6/18/09 1:25 == 34.6  |
| 6/17/09 11:30 == 35.1 | 6/17/09 16:10 == 34.6 | 6/17/09 20:50 == 35.6 | 6/18/09 1:30 == 34.6  |
| 6/17/09 11:35 == 35   | 6/17/09 16:15 == 35.2 | 6/17/09 20:55 == 35.6 | 6/18/09 1:35 == 34.7  |
| 6/17/09 11:40 == 35   | 6/17/09 16:20 == 35.3 | 6/17/09 21:00 == 35.5 | 6/18/09 1:40 == 34.6  |
| 6/17/09 11:45 == 34.9 | 6/17/09 16:25 == 35.1 | 6/17/09 21:05 == 35.5 | 6/18/09 1:45 == 34.5  |
| 6/17/09 11:50 == 34.8 | 6/17/09 16:30 == 35.7 | 6/17/09 21:10 == 35.6 | 6/18/09 1:50 == 35.1  |
| 6/17/09 11:55 == 34.9 | 6/17/09 16:35 == 35.9 | 6/17/09 21:15 == 35.6 | 6/18/09 1:55 == 35.3  |
| 6/17/09 12:00 == 35.2 | 6/17/09 16:40 == 35.8 | 6/17/09 21:20 == 35.7 | 6/18/09 2:00 == 35.3  |
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| 6/17/09 12:10 == 35.2 | 6/17/09 16:50 == 34.8 | 6/17/09 21:30 == 35.1 | 6/18/09 2:10 == 34.6  |
| 6/17/09 12:15 == 35   | 6/17/09 16:55 == 35   | 6/17/09 21:35 == #    | 6/18/09 2:15 == 34.6  |
| 6/17/09 12:20 == 34.9 | 6/17/09 17:00 == 34.9 | 6/17/09 21:40 == 34.7 | 6/18/09 2:20 == 35    |
| 6/17/09 12:25 == 35   | 6/17/09 17:05 == 35.1 | 6/17/09 21:45 == #    | 6/18/09 2:25 == 35.1  |
| 6/17/09 12:30 == 35   | 6/17/09 17:10 == 35   | 6/17/09 21:50 == 34.3 | 6/18/09 2:30 == 35.4  |
| 6/17/09 12:35 == 35   | 6/17/09 17:15 == 34.4 | 6/17/09 21:55 == 34.3 | 6/18/09 2:35 == 34.9  |

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| 6/18/09 2:40 == 35.3 | 6/18/09 7:20 == 35.2  | 6/18/09 12:00 == 34.4 | 6/18/09 16:40 == 32.3 |
| 6/18/09 2:45 == 35.1 | 6/18/09 7:25 == 34.9  | 6/18/09 12:05 == 34   | 6/18/09 16:45 == 32.2 |
| 6/18/09 2:50 == 35.1 | 6/18/09 7:30 == 35    | 6/18/09 12:10 == 34   | 6/18/09 16:50 == 32.8 |
| 6/18/09 2:55 == 35.2 | 6/18/09 7:35 == 34.9  | 6/18/09 12:15 == 34.5 | 6/18/09 16:55 == 32.9 |
| 6/18/09 3:00 == 35.3 | 6/18/09 7:40 == 34.9  | 6/18/09 12:20 == 34.7 | 6/18/09 17:00 == 33   |
| 6/18/09 3:05 == 35.3 | 6/18/09 7:45 == 34.9  | 6/18/09 12:25 == 34.6 | 6/18/09 17:05 == 33.1 |
| 6/18/09 3:10 == 35.3 | 6/18/09 7:50 == 35.2  | 6/18/09 12:30 == 34.4 | 6/18/09 17:10 == 33   |
| 6/18/09 3:15 == 35.3 | 6/18/09 7:55 == 35.2  | 6/18/09 12:35 == 34.8 | 6/18/09 17:15 == 33   |
| 6/18/09 3:20 == 35.2 | 6/18/09 8:00 == 35.4  | 6/18/09 12:40 == 34.7 | 6/18/09 17:20 == 32.8 |
| 6/18/09 3:25 == 35.3 | 6/18/09 8:05 == 35.2  | 6/18/09 12:45 == 35   | 6/18/09 17:25 == 32.9 |
| 6/18/09 3:30 == 35.2 | 6/18/09 8:10 == 35.2  | 6/18/09 12:50 == 35   | 6/18/09 17:30 == 32.9 |
| 6/18/09 3:35 == 35.1 | 6/18/09 8:15 == 35.1  | 6/18/09 12:55 == 35.1 | 6/18/09 17:35 == 33   |
| 6/18/09 3:40 == 35.2 | 6/18/09 8:20 == 35.5  | 6/18/09 13:00 == 35.1 | 6/18/09 17:40 == 33   |
| 6/18/09 3:45 == 35.3 | 6/18/09 8:25 == 35.7  | 6/18/09 13:05 == 35.3 | 6/18/09 17:45 == 33   |
| 6/18/09 3:50 == 35.3 | 6/18/09 8:30 == 36    | 6/18/09 13:10 == 35.3 | 6/18/09 17:50 == 32.8 |
| 6/18/09 3:55 == 35   | 6/18/09 8:35 == 35.7  | 6/18/09 13:15 == 35.4 | 6/18/09 17:55 == 32.6 |
| 6/18/09 4:00 == 35.2 | 6/18/09 8:40 == 35.2  | 6/18/09 13:20 == 35.3 | 6/18/09 18:00 == 32.9 |
| 6/18/09 4:05 == 35   | 6/18/09 8:45 == 35.8  | 6/18/09 13:25 == 35.3 | 6/18/09 18:05 == 33.1 |
| 6/18/09 4:10 == 34.7 | 6/18/09 8:50 == 35.7  | 6/18/09 13:30 == 35.5 | 6/18/09 18:10 == 32.9 |
| 6/18/09 4:15 == 34.7 | 6/18/09 8:55 == 35.8  | 6/18/09 13:35 == 35.3 | 6/18/09 18:15 == 32.9 |
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| 6/18/09 4:35 == 35.2 | 6/18/09 9:15 == 35.6  | 6/18/09 13:55 == 34.2 | 6/18/09 18:35 == 32.5 |
| 6/18/09 4:40 == 35.3 | 6/18/09 9:20 == 34.2  | 6/18/09 14:00 == 34.6 | 6/18/09 18:40 == 32.5 |
| 6/18/09 4:45 == 35.3 | 6/18/09 9:25 == 34.1  | 6/18/09 14:05 == 34.7 | 6/18/09 18:45 == 32.6 |
| 6/18/09 4:50 == 35.5 | 6/18/09 9:30 == 34.2  | 6/18/09 14:10 == 35.1 | 6/18/09 18:50 == 32.5 |
| 6/18/09 4:55 == 35.5 | 6/18/09 9:35 == 34.6  | 6/18/09 14:15 == 35.1 | 6/18/09 18:55 == 32.6 |
| 6/18/09 5:00 == 35.4 | 6/18/09 9:40 == 34.8  | 6/18/09 14:20 == 34.7 | 6/18/09 19:00 == 32.5 |
| 6/18/09 5:05 == 34.6 | 6/18/09 9:45 == 34.8  | 6/18/09 14:25 == 34.4 | 6/18/09 19:05 == 32.7 |
| 6/18/09 5:10 == 34.5 | 6/18/09 9:50 == 34.4  | 6/18/09 14:30 == 34.2 | 6/18/09 19:10 == 32.7 |
| 6/18/09 5:15 == 34.5 | 6/18/09 9:55 == 34    | 6/18/09 14:35 == 33.9 | 6/18/09 19:15 == 32.7 |
| 6/18/09 5:20 == 34.5 | 6/18/09 10:00 == 34.6 | 6/18/09 14:40 == 34   | 6/18/09 19:20 == 33.4 |
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| 6/18/09 6:00 == 35.6 | 6/18/09 10:40 == 34.4 | 6/18/09 15:20 == 33   | 6/18/09 20:00 == 33.6 |
| 6/18/09 6:05 == 35.6 | 6/18/09 10:45 == 34.8 | 6/18/09 15:25 == 33.2 | 6/18/09 20:05 == 34   |
| 6/18/09 6:10 == 35.6 | 6/18/09 10:50 == 34.6 | 6/18/09 15:30 == 32.8 | 6/18/09 20:10 == 33.8 |
| 6/18/09 6:15 == 35.7 | 6/18/09 10:55 == 34.6 | 6/18/09 15:35 == 32.3 | 6/18/09 20:15 == 34   |
| 6/18/09 6:20 == 35.7 | 6/18/09 11:00 == 34.6 | 6/18/09 15:40 == 32.2 | 6/18/09 20:20 == 33.9 |
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| 6/18/09 7:00 == 35.8 | 6/18/09 11:40 == 34.8 | 6/18/09 16:20 == 33.1 | 6/18/09 21:00 == 33.8 |
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| 6/18/09 7:10 == 35.2 | 6/18/09 11:50 == 34.3 | 6/18/09 16:30 == 32.9 | 6/18/09 21:10 == 33.6 |
| 6/18/09 7:15 == 35.3 | 6/18/09 11:55 == 34.1 | 6/18/09 16:35 == 32.4 | 6/18/09 21:15 == 33.7 |

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| 6/18/09 21:20 == 33.9 | 6/19/09 2:00 == 34   | 6/19/09 6:40 == 35.2  | 6/19/09 11:20 == 35.3 |
| 6/18/09 21:25 == 33.7 | 6/19/09 2:05 == 34.3 | 6/19/09 6:45 == 35.1  | 6/19/09 11:25 == 34   |
| 6/18/09 21:30 == 33.8 | 6/19/09 2:10 == 34.4 | 6/19/09 6:50 == 35.2  | 6/19/09 11:30 == 33.4 |
| 6/18/09 21:35 == 33.7 | 6/19/09 2:15 == 34.4 | 6/19/09 6:55 == 35.2  | 6/19/09 11:35 == 33.2 |
| 6/18/09 21:40 == 33.6 | 6/19/09 2:20 == 34.3 | 6/19/09 7:00 == 35.2  | 6/19/09 11:40 == 33.3 |
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| 6/18/09 21:55 == 33.2 | 6/19/09 2:35 == 34.3 | 6/19/09 7:15 == 35.5  | 6/19/09 11:55 == 33.1 |
| 6/18/09 22:00 == 33.3 | 6/19/09 2:40 == 34.3 | 6/19/09 7:20 == 35.6  | 6/19/09 12:00 == 33.3 |
| 6/18/09 22:05 == 33.6 | 6/19/09 2:45 == 34.2 | 6/19/09 7:25 == 35.1  | 6/19/09 12:05 == 33.3 |
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| 6/18/09 22:25 == 34   | 6/19/09 3:05 == 34.5 | 6/19/09 7:45 == 34.3  | 6/19/09 12:25 == 33.1 |
| 6/18/09 22:30 == 34   | 6/19/09 3:10 == 34.5 | 6/19/09 7:50 == 34.5  | 6/19/09 12:30 == 33.2 |
| 6/18/09 22:35 == 33.5 | 6/19/09 3:15 == 34.5 | 6/19/09 7:55 == 34.5  | 6/19/09 12:35 == 33.1 |
| 6/18/09 22:40 == 33.1 | 6/19/09 3:20 == 34   | 6/19/09 8:00 == 34.6  | 6/19/09 12:40 == 32.9 |
| 6/18/09 22:45 == 33.2 | 6/19/09 3:25 == 33.8 | 6/19/09 8:05 == 34.4  | 6/19/09 12:45 == 33.1 |
| 6/18/09 22:50 == 33.7 | 6/19/09 3:30 == 33.7 | 6/19/09 8:10 == 34.4  | 6/19/09 12:50 == 33.1 |
| 6/18/09 22:55 == 33.5 | 6/19/09 3:35 == 34   | 6/19/09 8:15 == 34.3  | 6/19/09 12:55 == 33   |
| 6/18/09 23:00 == 33.7 | 6/19/09 3:40 == 34.4 | 6/19/09 8:20 == 34.3  | 6/19/09 13:00 == 32.7 |
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| 6/18/09 23:15 == 34.3 | 6/19/09 3:55 == 34.3 | 6/19/09 8:35 == 34.6  | 6/19/09 13:15 == 32.9 |
| 6/18/09 23:20 == 33.6 | 6/19/09 4:00 == 34.5 | 6/19/09 8:40 == 34.4  | 6/19/09 13:20 == 32.8 |
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| 6/18/09 23:35 == 33.4 | 6/19/09 4:15 == 34.7 | 6/19/09 8:55 == 34.6  | 6/19/09 13:35 == 32.9 |
| 6/18/09 23:40 == 33.4 | 6/19/09 4:20 == 34.5 | 6/19/09 9:00 == 34.5  | 6/19/09 13:40 == 32.7 |
| 6/18/09 23:45 == 33.5 | 6/19/09 4:25 == 34.5 | 6/19/09 9:05 == 34.4  | 6/19/09 13:45 == 33.1 |
| 6/18/09 23:50 == 34.1 | 6/19/09 4:30 == 34.6 | 6/19/09 9:10 == 34.2  | 6/19/09 13:50 == 33   |
| 6/18/09 23:55 == 34.2 | 6/19/09 4:35 == 34.6 | 6/19/09 9:15 == 34.3  | 6/19/09 13:55 == 32.9 |
| 6/19/09 0:00 == 34.2  | 6/19/09 4:40 == 34.6 | 6/19/09 9:20 == 34.7  | 6/19/09 14:00 == 33.1 |
| 6/19/09 0:05 == 34.3  | 6/19/09 4:45 == 34.6 | 6/19/09 9:25 == 34.7  | 6/19/09 14:05 == 33   |
| 6/19/09 0:10 == 34.3  | 6/19/09 4:50 == 34.5 | 6/19/09 9:30 == 34.8  | 6/19/09 14:10 == 33.1 |
| 6/19/09 0:15 == 34.4  | 6/19/09 4:55 == 34.6 | 6/19/09 9:35 == 34.7  | 6/19/09 14:15 == 33   |
| 6/19/09 0:20 == 33.8  | 6/19/09 5:00 == 34.6 | 6/19/09 9:40 == 34.7  | 6/19/09 14:20 == 32.8 |
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| 6/19/09 0:45 == 33.7  | 6/19/09 5:25 == 34   | 6/19/09 10:05 == 34.9 | 6/19/09 14:45 == 33.1 |
| 6/19/09 0:50 == 34.1  | 6/19/09 5:30 == 34   | 6/19/09 10:10 == 35   | 6/19/09 14:50 == 33.3 |
| 6/19/09 0:55 == 34.2  | 6/19/09 5:35 == 34.3 | 6/19/09 10:15 == 35.2 | 6/19/09 14:55 == 33.1 |
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| 6/19/09 1:15 == 33.5  | 6/19/09 5:55 == 34.5 | 6/19/09 10:35 == 35.4 | 6/19/09 15:15 == 33.1 |
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| 6/19/09 16:00 == 33   | 6/19/09 20:40 == 33.8 | 6/20/09 1:20 == 33.8 | 6/20/09 6:00 == 34    |
| 6/19/09 16:05 == 32.5 | 6/19/09 20:45 == 33.9 | 6/20/09 1:25 == 33.7 | 6/20/09 6:05 == 33.8  |
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| 6/19/09 16:15 == 32.4 | 6/19/09 20:55 == 33.8 | 6/20/09 1:35 == 34.1 | 6/20/09 6:15 == 33.9  |
| 6/19/09 16:20 == 32.5 | 6/19/09 21:00 == 33.9 | 6/20/09 1:40 == 34.4 | 6/20/09 6:20 == 33.9  |
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| 6/19/09 16:35 == 33   | 6/19/09 21:15 == 33.8 | 6/20/09 1:55 == 34.4 | 6/20/09 6:35 == 33.7  |
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| 6/19/09 17:40 == 33   | 6/19/09 22:20 == 33.8 | 6/20/09 3:00 == 33.9 | 6/20/09 7:40 == 33.8  |
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| 6/19/09 18:45 == 32.9 | 6/19/09 23:25 == 33.7 | 6/20/09 4:05 == 33.8 | 6/20/09 8:45 == 33.4  |
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| 6/19/09 19:00 == 33   | 6/19/09 23:40 == 33.7 | 6/20/09 4:20 == 34.3 | 6/20/09 9:00 == 33.5  |
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| 6/19/09 19:30 == 33   | 6/20/09 0:10 == 33.9  | 6/20/09 4:50 == 34.3 | 6/20/09 9:30 == 33.8  |
| 6/19/09 19:35 == 33   | 6/20/09 0:15 == 33.9  | 6/20/09 4:55 == 34.4 | 6/20/09 9:35 == 33.7  |
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| 6/19/09 19:50 == 33.7 | 6/20/09 0:30 == 33.9  | 6/20/09 5:10 == 33.8 | 6/20/09 9:50 == 34.3  |
| 6/19/09 19:55 == 33.9 | 6/20/09 0:35 == 33.9  | 6/20/09 5:15 == 33.7 | 6/20/09 9:55 == 33.9  |
| 6/19/09 20:00 == 33.8 | 6/20/09 0:40 == 33.8  | 6/20/09 5:20 == 33.7 | 6/20/09 10:00 == 34.2 |
| 6/19/09 20:05 == 33.7 | 6/20/09 0:45 == 33.8  | 6/20/09 5:25 == 33.7 | 6/20/09 10:05 == 33.8 |
| 6/19/09 20:10 == 33.8 | 6/20/09 0:50 == 33.8  | 6/20/09 5:30 == 33.7 | 6/20/09 10:10 == 34.9 |
| 6/19/09 20:15 == 33.9 | 6/20/09 0:55 == 33.7  | 6/20/09 5:35 == 33.9 | 6/20/09 10:15 == 34.9 |
| 6/19/09 20:20 == 33.9 | 6/20/09 1:00 == 34    | 6/20/09 5:40 == 34   | 6/20/09 10:20 == 34.8 |
| 6/19/09 20:25 == 33.8 | 6/20/09 1:05 == 33.7  | 6/20/09 5:45 == 33.9 | 6/20/09 10:25 == 34.7 |
| 6/19/09 20:30 == 34   | 6/20/09 1:10 == 33.8  | 6/20/09 5:50 == 33.9 | 6/20/09 10:30 == 34.8 |
| 6/19/09 20:35 == 33.8 | 6/20/09 1:15 == 33.9  | 6/20/09 5:55 == 34   | 6/20/09 10:35 == 35   |

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| 6/20/09 10:40 == 34.9 | 6/20/09 15:20 == 32.2 | 6/20/09 20:00 == 33.1 | 6/21/09 0:40 == 33.3 |
| 6/20/09 10:45 == 34.9 | 6/20/09 15:25 == 32.4 | 6/20/09 20:05 == 33   | 6/21/09 0:45 == 33.2 |
| 6/20/09 10:50 == 34.9 | 6/20/09 15:30 == 32.3 | 6/20/09 20:10 == 33   | 6/21/09 0:50 == 33.2 |
| 6/20/09 10:55 == 35.1 | 6/20/09 15:35 == 32.3 | 6/20/09 20:15 == 33.1 | 6/21/09 0:55 == 33.3 |
| 6/20/09 11:00 == 35   | 6/20/09 15:40 == 32.4 | 6/20/09 20:20 == 33.2 | 6/21/09 1:00 == 33.3 |
| 6/20/09 11:05 == 34.9 | 6/20/09 15:45 == 32.3 | 6/20/09 20:25 == 33.3 | 6/21/09 1:05 == 33.8 |
| 6/20/09 11:10 == 35   | 6/20/09 15:50 == 32.3 | 6/20/09 20:30 == 33.3 | 6/21/09 1:10 == 34   |
| 6/20/09 11:15 == 34.8 | 6/20/09 15:55 == 32.3 | 6/20/09 20:35 == 33.2 | 6/21/09 1:15 == 33.9 |
| 6/20/09 11:20 == 34.9 | 6/20/09 16:00 == 32.3 | 6/20/09 20:40 == 33.1 | 6/21/09 1:20 == 33.9 |
| 6/20/09 11:25 == 35.2 | 6/20/09 16:05 == 32.4 | 6/20/09 20:45 == 33.3 | 6/21/09 1:25 == 33.9 |
| 6/20/09 11:30 == 35   | 6/20/09 16:10 == 32.3 | 6/20/09 20:50 == 33.1 | 6/21/09 1:30 == 34   |
| 6/20/09 11:35 == 35   | 6/20/09 16:15 == 32.6 | 6/20/09 20:55 == 33.2 | 6/21/09 1:35 == 33.2 |
| 6/20/09 11:40 == 34.8 | 6/20/09 16:20 == 32.3 | 6/20/09 21:00 == 33.2 | 6/21/09 1:40 == 33.1 |
| 6/20/09 11:45 == 35   | 6/20/09 16:25 == 32.6 | 6/20/09 21:05 == 33.1 | 6/21/09 1:45 == 33.3 |
| 6/20/09 11:50 == 35   | 6/20/09 16:30 == 32.3 | 6/20/09 21:10 == 33.1 | 6/21/09 1:50 == 33.2 |
| 6/20/09 11:55 == 35.1 | 6/20/09 16:35 == 32.4 | 6/20/09 21:15 == 33.2 | 6/21/09 1:55 == 33.2 |
| 6/20/09 12:00 == 35.2 | 6/20/09 16:40 == 32.4 | 6/20/09 21:20 == 33.1 | 6/21/09 2:00 == 33.5 |
| 6/20/09 12:05 == 35.1 | 6/20/09 16:45 == 32.3 | 6/20/09 21:25 == 33   | 6/21/09 2:05 == 33.1 |
| 6/20/09 12:10 == 35   | 6/20/09 16:50 == 32.3 | 6/20/09 21:30 == 33.1 | 6/21/09 2:10 == 33.2 |
| 6/20/09 12:15 == 35.1 | 6/20/09 16:55 == 32.4 | 6/20/09 21:35 == 33   | 6/21/09 2:15 == 33.2 |
| 6/20/09 12:20 == 34.5 | 6/20/09 17:00 == 32.2 | 6/20/09 21:40 == 33.1 | 6/21/09 2:20 == 33   |
| 6/20/09 12:25 == 34.4 | 6/20/09 17:05 == 32.3 | 6/20/09 21:45 == 33   | 6/21/09 2:25 == 33.1 |
| 6/20/09 12:30 == 34.5 | 6/20/09 17:10 == 32.3 | 6/20/09 21:50 == 33   | 6/21/09 2:30 == 33.1 |
| 6/20/09 12:35 == 34.4 | 6/20/09 17:15 == 32.4 | 6/20/09 21:55 == 33.1 | 6/21/09 2:35 == 33.3 |
| 6/20/09 12:40 == 34.4 | 6/20/09 17:20 == 32.1 | 6/20/09 22:00 == 33.3 | 6/21/09 2:40 == 33.1 |
| 6/20/09 12:45 == 34.5 | 6/20/09 17:25 == 32.3 | 6/20/09 22:05 == 33   | 6/21/09 2:45 == 33.3 |
| 6/20/09 12:50 == 34.8 | 6/20/09 17:30 == 32.2 | 6/20/09 22:10 == 33   | 6/21/09 2:50 == 33.2 |
| 6/20/09 12:55 == 35   | 6/20/09 17:35 == 32.3 | 6/20/09 22:15 == 33.2 | 6/21/09 2:55 == 33.3 |
| 6/20/09 13:00 == 35.1 | 6/20/09 17:40 == 32.1 | 6/20/09 22:20 == 33.7 | 6/21/09 3:00 == 33.4 |
| 6/20/09 13:05 == 34.8 | 6/20/09 17:45 == 32.2 | 6/20/09 22:25 == 33.9 | 6/21/09 3:05 == 33.4 |
| 6/20/09 13:10 == 34.2 | 6/20/09 17:50 == 32.1 | 6/20/09 22:30 == 33.7 | 6/21/09 3:10 == 33.3 |
| 6/20/09 13:15 == 34.2 | 6/20/09 17:55 == 32.2 | 6/20/09 22:35 == 33.8 | 6/21/09 3:15 == 33.4 |
| 6/20/09 13:20 == 34.9 | 6/20/09 18:00 == 32.4 | 6/20/09 22:40 == 33.8 | 6/21/09 3:20 == 33.3 |
| 6/20/09 13:25 == 35   | 6/20/09 18:05 == 32.1 | 6/20/09 22:45 == 33.7 | 6/21/09 3:25 == 33.3 |
| 6/20/09 13:30 == 33.9 | 6/20/09 18:10 == 32.3 | 6/20/09 22:50 == 33   | 6/21/09 3:30 == 33.4 |
| 6/20/09 13:35 == 33.8 | 6/20/09 18:15 == 32.1 | 6/20/09 22:55 == 32.9 | 6/21/09 3:35 == 33.1 |
| 6/20/09 13:40 == 33.9 | 6/20/09 18:20 == 32.7 | 6/20/09 23:00 == 33.1 | 6/21/09 3:40 == 33.2 |
| 6/20/09 13:45 == 33.8 | 6/20/09 18:25 == 33   | 6/20/09 23:05 == 33.6 | 6/21/09 3:45 == 33.1 |
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| 6/20/09 13:55 == 33.6 | 6/20/09 18:35 == 32.3 | 6/20/09 23:15 == 33.8 | 6/21/09 3:55 == 33.3 |
| 6/20/09 14:00 == 33.8 | 6/20/09 18:40 == 32.2 | 6/20/09 23:20 == 34   | 6/21/09 4:00 == 33.5 |
| 6/20/09 14:05 == 33.5 | 6/20/09 18:45 == 32.1 | 6/20/09 23:25 == 33.9 | 6/21/09 4:05 == 33.3 |
| 6/20/09 14:10 == 33.3 | 6/20/09 18:50 == 32.7 | 6/20/09 23:30 == 33.8 | 6/21/09 4:10 == 33.3 |
| 6/20/09 14:15 == 33.3 | 6/20/09 18:55 == 32.8 | 6/20/09 23:35 == 33.2 | 6/21/09 4:15 == 33.3 |
| 6/20/09 14:20 == 33.3 | 6/20/09 19:00 == 33.1 | 6/20/09 23:40 == 32.9 | 6/21/09 4:20 == 33.5 |
| 6/20/09 14:25 == 33.3 | 6/20/09 19:05 == 32.9 | 6/20/09 23:45 == 32.9 | 6/21/09 4:25 == 33.4 |
| 6/20/09 14:30 == 33.4 | 6/20/09 19:10 == 32.8 | 6/20/09 23:50 == 33.7 | 6/21/09 4:30 == 33.3 |
| 6/20/09 14:35 == 33.4 | 6/20/09 19:15 == 33   | 6/20/09 23:55 == 33.8 | 6/21/09 4:35 == 33.2 |
| 6/20/09 14:40 == 33.2 | 6/20/09 19:20 == 32.9 | 6/21/09 0:00 == 34    | 6/21/09 4:40 == 33.1 |
| 6/20/09 14:45 == 33.2 | 6/20/09 19:25 == 33   | 6/21/09 0:05 == 33.7  | 6/21/09 4:45 == 33.2 |
| 6/20/09 14:50 == 32.6 | 6/20/09 19:30 == 32.9 | 6/21/09 0:10 == 34    | 6/21/09 4:50 == 33.2 |
| 6/20/09 14:55 == 32.4 | 6/20/09 19:35 == 33   | 6/21/09 0:15 == 33.9  | 6/21/09 4:55 == 33.3 |
| 6/20/09 15:00 == 32.5 | 6/20/09 19:40 == 33   | 6/21/09 0:20 == 33.3  | 6/21/09 5:00 == 33.4 |
| 6/20/09 15:05 == 32.4 | 6/20/09 19:45 == 33   | 6/21/09 0:25 == 33.2  | 6/21/09 5:05 == 33   |
| 6/20/09 15:10 == 32.4 | 6/20/09 19:50 == 33   | 6/21/09 0:30 == 33.2  | 6/21/09 5:10 == 33.1 |
| 6/20/09 15:15 == 32.3 | 6/20/09 19:55 == 33.1 | 6/21/09 0:35 == 33.2  | 6/21/09 5:15 == 33.1 |

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| 6/21/09 5:20 == 33.2 | 6/21/09 10:00 == 32.7 | 6/21/09 14:40 == 33   | 6/21/09 19:20 == 32.6 |
| 6/21/09 5:25 == 33.2 | 6/21/09 10:05 == 32.3 | 6/21/09 14:45 == 33.2 | 6/21/09 19:25 == 32.8 |
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| 6/21/09 5:40 == 33.5 | 6/21/09 10:20 == 32.4 | 6/21/09 15:00 == 33.2 | 6/21/09 19:40 == 33   |
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| 6/21/09 5:50 == 33.5 | 6/21/09 10:30 == 32.5 | 6/21/09 15:10 == 32.1 | 6/21/09 19:50 == 32.2 |
| 6/21/09 5:55 == 33.3 | 6/21/09 10:35 == 32.5 | 6/21/09 15:15 == 32.2 | 6/21/09 19:55 == 32.1 |
| 6/21/09 6:00 == 33.4 | 6/21/09 10:40 == 32.5 | 6/21/09 15:20 == 32.2 | 6/21/09 20:00 == 32.1 |
| 6/21/09 6:05 == 33.2 | 6/21/09 10:45 == 32.5 | 6/21/09 15:25 == 32.3 | 6/21/09 20:05 == 32.6 |
| 6/21/09 6:10 == 33.1 | 6/21/09 10:50 == 32.4 | 6/21/09 15:30 == 32.2 | 6/21/09 20:10 == 32.8 |
| 6/21/09 6:15 == 33.4 | 6/21/09 10:55 == 32.4 | 6/21/09 15:35 == 32.2 | 6/21/09 20:15 == 33   |
| 6/21/09 6:20 == 33.2 | 6/21/09 11:00 == 32.4 | 6/21/09 15:40 == 32.2 | 6/21/09 20:20 == 32.9 |
| 6/21/09 6:25 == 33.2 | 6/21/09 11:05 == 33.2 | 6/21/09 15:45 == 32.1 | 6/21/09 20:25 == 32.9 |
| 6/21/09 6:30 == 33.3 | 6/21/09 11:10 == 33.4 | 6/21/09 15:50 == 32.3 | 6/21/09 20:30 == 32.9 |
| 6/21/09 6:35 == 33.1 | 6/21/09 11:15 == 33.3 | 6/21/09 15:55 == 32.2 | 6/21/09 20:35 == 32.8 |
| 6/21/09 6:40 == 33.1 | 6/21/09 11:20 == 33.2 | 6/21/09 16:00 == 32.2 | 6/21/09 20:40 == 32.9 |
| 6/21/09 6:45 == 33.3 | 6/21/09 11:25 == 33.3 | 6/21/09 16:05 == 32.3 | 6/21/09 20:45 == 32.9 |
| 6/21/09 6:50 == 32.9 | 6/21/09 11:30 == 33.2 | 6/21/09 16:10 == 32.3 | 6/21/09 20:50 == 32.9 |
| 6/21/09 6:55 == 33.3 | 6/21/09 11:35 == 32.4 | 6/21/09 16:15 == 32.5 | 6/21/09 20:55 == 32.8 |
| 6/21/09 7:00 == 33.2 | 6/21/09 11:40 == 32.5 | 6/21/09 16:20 == 32.3 | 6/21/09 21:00 == 32.9 |
| 6/21/09 7:05 == 33.1 | 6/21/09 11:45 == 32.4 | 6/21/09 16:25 == 32.3 | 6/21/09 21:05 == 32.8 |
| 6/21/09 7:10 == 33.3 | 6/21/09 11:50 == 32.4 | 6/21/09 16:30 == 32.3 | 6/21/09 21:10 == 33   |
| 6/21/09 7:15 == 33.3 | 6/21/09 11:55 == 32.4 | 6/21/09 16:35 == 32.2 | 6/21/09 21:15 == 33   |
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| 6/21/09 7:25 == 33.2 | 6/21/09 12:05 == 32.4 | 6/21/09 16:45 == 32.2 | 6/21/09 21:25 == 32.9 |
| 6/21/09 7:30 == 33.3 | 6/21/09 12:10 == 32.5 | 6/21/09 16:50 == 32.1 | 6/21/09 21:30 == 33   |
| 6/21/09 7:35 == 33.3 | 6/21/09 12:15 == 32.5 | 6/21/09 16:55 == 32   | 6/21/09 21:35 == 32.9 |
| 6/21/09 7:40 == 33.3 | 6/21/09 12:20 == 32.3 | 6/21/09 17:00 == 32.1 | 6/21/09 21:40 == 32.9 |
| 6/21/09 7:45 == 33.2 | 6/21/09 12:25 == 32.4 | 6/21/09 17:05 == 32.1 | 6/21/09 21:45 == 32.9 |
| 6/21/09 7:50 == 33.3 | 6/21/09 12:30 == 32.5 | 6/21/09 17:10 == 32.2 | 6/21/09 21:50 == 32.9 |
| 6/21/09 7:55 == 33.4 | 6/21/09 12:35 == 33.1 | 6/21/09 17:15 == 32.2 | 6/21/09 21:55 == 32.9 |
| 6/21/09 8:00 == 33.5 | 6/21/09 12:40 == 33.1 | 6/21/09 17:20 == 32.2 | 6/21/09 22:00 == 33   |
| 6/21/09 8:05 == 32.7 | 6/21/09 12:45 == 33.3 | 6/21/09 17:25 == 32   | 6/21/09 22:05 == 32.9 |
| 6/21/09 8:10 == 32.7 | 6/21/09 12:50 == 32.5 | 6/21/09 17:30 == 32.1 | 6/21/09 22:10 == 33   |
| 6/21/09 8:15 == 32.6 | 6/21/09 12:55 == 32.4 | 6/21/09 17:35 == 32.2 | 6/21/09 22:15 == 33.1 |
| 6/21/09 8:20 == 32.7 | 6/21/09 13:00 == 32.3 | 6/21/09 17:40 == 32.1 | 6/21/09 22:20 == 33   |
| 6/21/09 8:25 == 32.7 | 6/21/09 13:05 == 33.2 | 6/21/09 17:45 == 32.1 | 6/21/09 22:25 == 33   |
| 6/21/09 8:30 == 33   | 6/21/09 13:10 == 33.4 | 6/21/09 17:50 == 32.1 | 6/21/09 22:30 == 32.9 |
| 6/21/09 8:35 == 32.8 | 6/21/09 13:15 == 33.3 | 6/21/09 17:55 == 32.2 | 6/21/09 22:35 == 32.9 |
| 6/21/09 8:40 == 33   | 6/21/09 13:20 == 33.3 | 6/21/09 18:00 == 32.4 | 6/21/09 22:40 == 33   |
| 6/21/09 8:45 == 32.9 | 6/21/09 13:25 == 33.4 | 6/21/09 18:05 == 32.1 | 6/21/09 22:45 == 33   |
| 6/21/09 8:50 == 32.8 | 6/21/09 13:30 == 33.5 | 6/21/09 18:10 == 32.1 | 6/21/09 22:50 == 32.7 |
| 6/21/09 8:55 == 32.7 | 6/21/09 13:35 == 33.4 | 6/21/09 18:15 == 32.1 | 6/21/09 22:55 == 32.8 |
| 6/21/09 9:00 == 33   | 6/21/09 13:40 == 33.5 | 6/21/09 18:20 == 32   | 6/21/09 23:00 == 33   |
| 6/21/09 9:05 == 32.4 | 6/21/09 13:45 == 33.5 | 6/21/09 18:25 == 32.2 | 6/21/09 23:05 == 32.8 |
| 6/21/09 9:10 == 32.6 | 6/21/09 13:50 == 33.3 | 6/21/09 18:30 == 32.1 | 6/21/09 23:10 == 32.8 |
| 6/21/09 9:15 == 32.5 | 6/21/09 13:55 == 33.3 | 6/21/09 18:35 == 32.1 | 6/21/09 23:15 == 32.8 |
| 6/21/09 9:20 == 32.4 | 6/21/09 14:00 == 33.4 | 6/21/09 18:40 == 32.1 | 6/21/09 23:20 == 32.9 |
| 6/21/09 9:25 == 32.5 | 6/21/09 14:05 == 33.1 | 6/21/09 18:45 == 32   | 6/21/09 23:25 == 32.9 |
| 6/21/09 9:30 == 32.5 | 6/21/09 14:10 == 33.3 | 6/21/09 18:50 == 32.7 | 6/21/09 23:30 == 32.9 |
| 6/21/09 9:35 == 32.5 | 6/21/09 14:15 == 33.4 | 6/21/09 18:55 == 32.8 | 6/21/09 23:35 == 32.8 |
| 6/21/09 9:40 == 32.3 | 6/21/09 14:20 == 33.3 | 6/21/09 19:00 == 32.9 | 6/21/09 23:40 == 33   |
| 6/21/09 9:45 == 32.6 | 6/21/09 14:25 == 33.5 | 6/21/09 19:05 == 32   | 6/21/09 23:45 == 32.8 |
| 6/21/09 9:50 == 32.6 | 6/21/09 14:30 == 33.6 | 6/21/09 19:10 == 32.1 | 6/21/09 23:50 == 32.8 |
| 6/21/09 9:55 == 32.7 | 6/21/09 14:35 == 33.1 | 6/21/09 19:15 == 32.1 | 6/21/09 23:55 == 32.9 |



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| 6/22/09 0:00 == 33.2 | 6/22/09 4:40 == 33.2 | 6/22/09 9:20 == 32.3  | 6/22/09 14:00 == 32.5 |
| 6/22/09 0:05 == 32.9 | 6/22/09 4:45 == 33.1 | 6/22/09 9:25 == 32.1  | 6/22/09 14:05 == 32   |
| 6/22/09 0:10 == 32.9 | 6/22/09 4:50 == 33.1 | 6/22/09 9:30 == 32.2  | 6/22/09 14:10 == 32.1 |
| 6/22/09 0:15 == 32.9 | 6/22/09 4:55 == 33.1 | 6/22/09 9:35 == 32.3  | 6/22/09 14:15 == 32.3 |
| 6/22/09 0:20 == 33   | 6/22/09 5:00 == 33.2 | 6/22/09 9:40 == 32.2  | 6/22/09 14:20 == 32.3 |
| 6/22/09 0:25 == 33   | 6/22/09 5:05 == 32.8 | 6/22/09 9:45 == 32.3  | 6/22/09 14:25 == 32.4 |
| 6/22/09 0:30 == 33   | 6/22/09 5:10 == 33   | 6/22/09 9:50 == 32.4  | 6/22/09 14:30 == 32.3 |
| 6/22/09 0:35 == 33   | 6/22/09 5:15 == 33.1 | 6/22/09 9:55 == 32.4  | 6/22/09 14:35 == 32.1 |
| 6/22/09 0:40 == 32.8 | 6/22/09 5:20 == 33.1 | 6/22/09 10:00 == 32.4 | 6/22/09 14:40 == 32.1 |
| 6/22/09 0:45 == 33   | 6/22/09 5:25 == 33   | 6/22/09 10:05 == 32.1 | 6/22/09 14:45 == 32.2 |
| 6/22/09 0:50 == 33   | 6/22/09 5:30 == 33.1 | 6/22/09 10:10 == 32.3 | 6/22/09 14:50 == 32.1 |
| 6/22/09 0:55 == 33   | 6/22/09 5:35 == 33.3 | 6/22/09 10:15 == 32.2 | 6/22/09 14:55 == 32.2 |
| 6/22/09 1:00 == 33   | 6/22/09 5:40 == 33.2 | 6/22/09 10:20 == 32.1 | 6/22/09 15:00 == 32.1 |
| 6/22/09 1:05 == 32.9 | 6/22/09 5:45 == 33.3 | 6/22/09 10:25 == 32   | 6/22/09 15:05 == 31.4 |
| 6/22/09 1:10 == 32.9 | 6/22/09 5:50 == 33.3 | 6/22/09 10:30 == 32.2 | 6/22/09 15:10 == 31.4 |
| 6/22/09 1:15 == 33.1 | 6/22/09 5:55 == 33.2 | 6/22/09 10:35 == 32.1 | 6/22/09 15:15 == 31.4 |
| 6/22/09 1:20 == 32.9 | 6/22/09 6:00 == 33.3 | 6/22/09 10:40 == 32.1 | 6/22/09 15:20 == 31.3 |
| 6/22/09 1:25 == 32.9 | 6/22/09 6:05 == 33.4 | 6/22/09 10:45 == 32.3 | 6/22/09 15:25 == 31.4 |
| 6/22/09 1:30 == 33.1 | 6/22/09 6:10 == 33.4 | 6/22/09 10:50 == 32.3 | 6/22/09 15:30 == 31.4 |
| 6/22/09 1:35 == 32.9 | 6/22/09 6:15 == 33.4 | 6/22/09 10:55 == 32.3 | 6/22/09 15:35 == 31.4 |
| 6/22/09 1:40 == 33   | 6/22/09 6:20 == 33.1 | 6/22/09 11:00 == 31.9 | 6/22/09 15:40 == 31.6 |
| 6/22/09 1:45 == 32.9 | 6/22/09 6:25 == 33.1 | 6/22/09 11:05 == 32.2 | 6/22/09 15:45 == 31.5 |
| 6/22/09 1:50 == 32.9 | 6/22/09 6:30 == 33.3 | 6/22/09 11:10 == 32   | 6/22/09 15:50 == 31.2 |
| 6/22/09 1:55 == 33   | 6/22/09 6:35 == 32.4 | 6/22/09 11:15 == 32.1 | 6/22/09 15:55 == 31.4 |
| 6/22/09 2:00 == 33.1 | 6/22/09 6:40 == 32.4 | 6/22/09 11:20 == 32.3 | 6/22/09 16:00 == 31.4 |
| 6/22/09 2:05 == 32.8 | 6/22/09 6:45 == 32.3 | 6/22/09 11:25 == 32.7 | 6/22/09 16:05 == 30.7 |
| 6/22/09 2:10 == 32.9 | 6/22/09 6:50 == 32.8 | 6/22/09 11:30 == 32.9 | 6/22/09 16:10 == 31   |
| 6/22/09 2:15 == 33   | 6/22/09 6:55 == 32.9 | 6/22/09 11:35 == 32.8 | 6/22/09 16:15 == 31   |
| 6/22/09 2:20 == 32.7 | 6/22/09 7:00 == 33.3 | 6/22/09 11:40 == 32.8 | 6/22/09 16:20 == 31.7 |
| 6/22/09 2:25 == 33   | 6/22/09 7:05 == 32.7 | 6/22/09 11:45 == 32.3 | 6/22/09 16:25 == 31.7 |
| 6/22/09 2:30 == 32.9 | 6/22/09 7:10 == 33   | 6/22/09 11:50 == 32.1 | 6/22/09 16:30 == 31.7 |
| 6/22/09 2:35 == 33   | 6/22/09 7:15 == 33.2 | 6/22/09 11:55 == 32.2 | 6/22/09 16:35 == 31.7 |
| 6/22/09 2:40 == 32.9 | 6/22/09 7:20 == 33.2 | 6/22/09 12:00 == 32.3 | 6/22/09 16:40 == 31.8 |
| 6/22/09 2:45 == 32.9 | 6/22/09 7:25 == 33.3 | 6/22/09 12:05 == 32.2 | 6/22/09 16:45 == 31.6 |
| 6/22/09 2:50 == 33   | 6/22/09 7:30 == 33.2 | 6/22/09 12:10 == 32.1 | 6/22/09 16:50 == 30.8 |
| 6/22/09 2:55 == 33.1 | 6/22/09 7:35 == 33.4 | 6/22/09 12:15 == 32.2 | 6/22/09 16:55 == 30.8 |
| 6/22/09 3:00 == 33.1 | 6/22/09 7:40 == 33.3 | 6/22/09 12:20 == 32.1 | 6/22/09 17:00 == 30.7 |
| 6/22/09 3:05 == 33.2 | 6/22/09 7:45 == 33.9 | 6/22/09 12:25 == 32.4 | 6/22/09 17:05 == 31.6 |
| 6/22/09 3:10 == 33.2 | 6/22/09 7:50 == 34.4 | 6/22/09 12:30 == 32.2 | 6/22/09 17:10 == 31.6 |
| 6/22/09 3:15 == 33.1 | 6/22/09 7:55 == 33.9 | 6/22/09 12:35 == 32.1 | 6/22/09 17:15 == 31.6 |
| 6/22/09 3:20 == 33.2 | 6/22/09 8:00 == 34.1 | 6/22/09 12:40 == 32.2 | 6/22/09 17:20 == 31.5 |
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| 6/22/09 3:30 == 33.1 | 6/22/09 8:10 == 33.7 | 6/22/09 12:50 == 32.6 | 6/22/09 17:30 == 31.6 |
| 6/22/09 3:35 == 33   | 6/22/09 8:15 == 32.7 | 6/22/09 12:55 == 32.4 | 6/22/09 17:35 == 31.7 |
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| 6/22/09 3:55 == 33   | 6/22/09 8:35 == 32.4 | 6/22/09 13:15 == 32.5 | 6/22/09 17:55 == 31.4 |
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| 6/22/09 4:10 == 33.2 | 6/22/09 8:50 == 32.7 | 6/22/09 13:30 == 32.5 | 6/22/09 18:10 == 31.3 |
| 6/22/09 4:15 == 33.2 | 6/22/09 8:55 == 32.7 | 6/22/09 13:35 == 32.7 | 6/22/09 18:15 == 31.3 |
| 6/22/09 4:20 == 33.3 | 6/22/09 9:00 == 32.6 | 6/22/09 13:40 == 32.8 | 6/22/09 18:20 == 31.4 |
| 6/22/09 4:25 == 33.2 | 6/22/09 9:05 == 32.1 | 6/22/09 13:45 == 32.8 | 6/22/09 18:25 == 31.3 |
| 6/22/09 4:30 == 33.2 | 6/22/09 9:10 == 32.3 | 6/22/09 13:50 == 32.6 | 6/22/09 18:30 == 31.3 |
| 6/22/09 4:35 == 33.2 | 6/22/09 9:15 == 32.2 | 6/22/09 13:55 == 32.6 | 6/22/09 18:35 == 31.3 |

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| 6/22/09 18:40 == 31.3 | 6/22/09 23:20 == 31.6 | 6/23/09 4:00 == 31.9 | 6/23/09 8:40 == 32.5  |
| 6/22/09 18:45 == 31.4 | 6/22/09 23:25 == 31.6 | 6/23/09 4:05 == 31.8 | 6/23/09 8:45 == 32.4  |
| 6/22/09 18:50 == 31.3 | 6/22/09 23:30 == 31.6 | 6/23/09 4:10 == 31.9 | 6/23/09 8:50 == 32    |
| 6/22/09 18:55 == 31.3 | 6/22/09 23:35 == 31.5 | 6/23/09 4:15 == 32   | 6/23/09 8:55 == 31.5  |
| 6/22/09 19:00 == 31.4 | 6/22/09 23:40 == 31.5 | 6/23/09 4:20 == 32.6 | 6/23/09 9:00 == 31.7  |
| 6/22/09 19:05 == 31.3 | 6/22/09 23:45 == 31.7 | 6/23/09 4:25 == 32.5 | 6/23/09 9:05 == 30.7  |
| 6/22/09 19:10 == 31.5 | 6/22/09 23:50 == 31.5 | 6/23/09 4:30 == 32.5 | 6/23/09 9:10 == 30.8  |
| 6/22/09 19:15 == 31.4 | 6/22/09 23:55 == 31.5 | 6/23/09 4:35 == 31.8 | 6/23/09 9:15 == 30.7  |
| 6/22/09 19:20 == 31.4 | 6/23/09 0:00 == 31.7  | 6/23/09 4:40 == 31.9 | 6/23/09 9:20 == 30.7  |
| 6/22/09 19:25 == 31.6 | 6/23/09 0:05 == 31.5  | 6/23/09 4:45 == 32   | 6/23/09 9:25 == 30.7  |
| 6/22/09 19:30 == 31.6 | 6/23/09 0:10 == 31.6  | 6/23/09 4:50 == 31.8 | 6/23/09 9:30 == 30.7  |
| 6/22/09 19:35 == 31.4 | 6/23/09 0:15 == 31.7  | 6/23/09 4:55 == 31.9 | 6/23/09 9:35 == 31.6  |
| 6/22/09 19:40 == 31.5 | 6/23/09 0:20 == 31.7  | 6/23/09 5:00 == 31.9 | 6/23/09 9:40 == 31.3  |
| 6/22/09 19:45 == 31.6 | 6/23/09 0:25 == 31.7  | 6/23/09 5:05 == 31.4 | 6/23/09 9:45 == 31.5  |
| 6/22/09 19:50 == 31.4 | 6/23/09 0:30 == 31.8  | 6/23/09 5:10 == 31.5 | 6/23/09 9:50 == 30.8  |
| 6/22/09 19:55 == 31.5 | 6/23/09 0:35 == 31.8  | 6/23/09 5:15 == 31.4 | 6/23/09 9:55 == 30.5  |
| 6/22/09 20:00 == 31.3 | 6/23/09 0:40 == 31.7  | 6/23/09 5:20 == 31.6 | 6/23/09 10:00 == 31   |
| 6/22/09 20:05 == 32.2 | 6/23/09 0:45 == 31.7  | 6/23/09 5:25 == 31.5 | 6/23/09 10:05 == 31.6 |
| 6/22/09 20:10 == 32.1 | 6/23/09 0:50 == 31.7  | 6/23/09 5:30 == 31.6 | 6/23/09 10:10 == 31.3 |
| 6/22/09 20:15 == 32.3 | 6/23/09 0:55 == 31.7  | 6/23/09 5:35 == 31.9 | 6/23/09 10:15 == 31.4 |
| 6/22/09 20:20 == 32.3 | 6/23/09 1:00 == 31.7  | 6/23/09 5:40 == 31.9 | 6/23/09 10:20 == 30.8 |
| 6/22/09 20:25 == 32.3 | 6/23/09 1:05 == 31.5  | 6/23/09 5:45 == 31.9 | 6/23/09 10:25 == 30.9 |
| 6/22/09 20:30 == 32.3 | 6/23/09 1:10 == 31.7  | 6/23/09 5:50 == 32   | 6/23/09 10:30 == 31   |
| 6/22/09 20:35 == 32.3 | 6/23/09 1:15 == 31.7  | 6/23/09 5:55 == 31.9 | 6/23/09 10:35 == 31.4 |
| 6/22/09 20:40 == 32.3 | 6/23/09 1:20 == 31.4  | 6/23/09 6:00 == 31.9 | 6/23/09 10:40 == 31.4 |
| 6/22/09 20:45 == 32.4 | 6/23/09 1:25 == 31.7  | 6/23/09 6:05 == 32.2 | 6/23/09 10:45 == 31.4 |
| 6/22/09 20:50 == 31.5 | 6/23/09 1:30 == 31.6  | 6/23/09 6:10 == 31.9 | 6/23/09 10:50 == 30.6 |
| 6/22/09 20:55 == 31.6 | 6/23/09 1:35 == 31.6  | 6/23/09 6:15 == 32.3 | 6/23/09 10:55 == 30.9 |
| 6/22/09 21:00 == 31.5 | 6/23/09 1:40 == 31.6  | 6/23/09 6:20 == 31.9 | 6/23/09 11:00 == 30.8 |
| 6/22/09 21:05 == 31.6 | 6/23/09 1:45 == 31.6  | 6/23/09 6:25 == 32   | 6/23/09 11:05 == 31   |
| 6/22/09 21:10 == 31.5 | 6/23/09 1:50 == 31.7  | 6/23/09 6:30 == 32.7 | 6/23/09 11:10 == 31.1 |
| 6/22/09 21:15 == 31.7 | 6/23/09 1:55 == 31.6  | 6/23/09 6:35 == 32.4 | 6/23/09 11:15 == 31.1 |
| 6/22/09 21:20 == 31.6 | 6/23/09 2:00 == 31.7  | 6/23/09 6:40 == 32.1 | 6/23/09 11:20 == 30.9 |
| 6/22/09 21:25 == 31.5 | 6/23/09 2:05 == 31.5  | 6/23/09 6:45 == 32.2 | 6/23/09 11:25 == 31.2 |
| 6/22/09 21:30 == 31.6 | 6/23/09 2:10 == 31.6  | 6/23/09 6:50 == 31.5 | 6/23/09 11:30 == 31.1 |
| 6/22/09 21:35 == 31.5 | 6/23/09 2:15 == 31.7  | 6/23/09 6:55 == 31.3 | 6/23/09 11:35 == 31.2 |
| 6/22/09 21:40 == 31.4 | 6/23/09 2:20 == 31.4  | 6/23/09 7:00 == 31.7 | 6/23/09 11:40 == 31.2 |
| 6/22/09 21:45 == 31.4 | 6/23/09 2:25 == 31.4  | 6/23/09 7:05 == 32.1 | 6/23/09 11:45 == 31.1 |
| 6/22/09 21:50 == 31.5 | 6/23/09 2:30 == 31.5  | 6/23/09 7:10 == 32.2 | 6/23/09 11:50 == 31.1 |
| 6/22/09 21:55 == 31.4 | 6/23/09 2:35 == 32.2  | 6/23/09 7:15 == 32.2 | 6/23/09 11:55 == 30.9 |
| 6/22/09 22:00 == 31.5 | 6/23/09 2:40 == 32.3  | 6/23/09 7:20 == 32.2 | 6/23/09 12:00 == 31.1 |
| 6/22/09 22:05 == 31.6 | 6/23/09 2:45 == 32.3  | 6/23/09 7:25 == 32.5 | 6/23/09 12:05 == 31.5 |
| 6/22/09 22:10 == 31.4 | 6/23/09 2:50 == 32.3  | 6/23/09 7:30 == 32.4 | 6/23/09 12:10 == 31.2 |
| 6/22/09 22:15 == 31.6 | 6/23/09 2:55 == 32.3  | 6/23/09 7:35 == 32.4 | 6/23/09 12:15 == 31.2 |
| 6/22/09 22:20 == 32.2 | 6/23/09 3:00 == 32.3  | 6/23/09 7:40 == 32.2 | 6/23/09 12:20 == 30.7 |
| 6/22/09 22:25 == 32.3 | 6/23/09 3:05 == 31.8  | 6/23/09 7:45 == 32   | 6/23/09 12:25 == 30.7 |
| 6/22/09 22:30 == 32.3 | 6/23/09 3:10 == 31.9  | 6/23/09 7:50 == 32.1 | 6/23/09 12:30 == 30.9 |
| 6/22/09 22:35 == 32.1 | 6/23/09 3:15 == 31.9  | 6/23/09 7:55 == 32   | 6/23/09 12:35 == 31.1 |
| 6/22/09 22:40 == 32.2 | 6/23/09 3:20 == 31.8  | 6/23/09 8:00 == 32.3 | 6/23/09 12:40 == 30.9 |
| 6/22/09 22:45 == 32.3 | 6/23/09 3:25 == 31.7  | 6/23/09 8:05 == 31.9 | 6/23/09 12:45 == 31   |
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| 6/22/09 23:00 == 32.5 | 6/23/09 3:40 == 31.6  | 6/23/09 8:20 == 32.8 | 6/23/09 13:00 == 30.7 |
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| 6/22/09 23:10 == 31.7 | 6/23/09 3:50 == 31.7  | 6/23/09 8:30 == 32.6 | 6/23/09 13:10 == 30.6 |
| 6/22/09 23:15 == 31.5 | 6/23/09 3:55 == 31.7  | 6/23/09 8:35 == 32.4 | 6/23/09 13:15 == 30.6 |

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| 6/23/09 13:20 == 30.6 | 6/23/09 18:00 == 30.5 | 6/23/09 22:40 == 30   | 6/24/09 3:20 == 30.4 |
| 6/23/09 13:25 == 30.6 | 6/23/09 18:05 == 30.5 | 6/23/09 22:45 == 30.2 | 6/24/09 3:25 == 30.5 |
| 6/23/09 13:30 == 31   | 6/23/09 18:10 == 30.5 | 6/23/09 22:50 == 30.3 | 6/24/09 3:30 == 30.5 |
| 6/23/09 13:35 == 31.8 | 6/23/09 18:15 == 30.5 | 6/23/09 22:55 == 30.4 | 6/24/09 3:35 == 30.4 |
| 6/23/09 13:40 == 31.8 | 6/23/09 18:20 == 30.2 | 6/23/09 23:00 == 30.6 | 6/24/09 3:40 == 30.5 |
| 6/23/09 13:45 == 31.8 | 6/23/09 18:25 == 30.1 | 6/23/09 23:05 == 30.3 | 6/24/09 3:45 == 30.4 |
| 6/23/09 13:50 == 31.9 | 6/23/09 18:30 == 30.2 | 6/23/09 23:10 == 30.3 | 6/24/09 3:50 == 30.4 |
| 6/23/09 13:55 == 31.7 | 6/23/09 18:35 == 30.2 | 6/23/09 23:15 == 30.4 | 6/24/09 3:55 == 30.5 |
| 6/23/09 14:00 == 32   | 6/23/09 18:40 == 30.2 | 6/23/09 23:20 == 30.3 | 6/24/09 4:00 == 30.6 |
| 6/23/09 14:05 == 31.9 | 6/23/09 18:45 == 30.1 | 6/23/09 23:25 == 30.4 | 6/24/09 4:05 == 30.8 |
| 6/23/09 14:10 == 31.9 | 6/23/09 18:50 == 30.2 | 6/23/09 23:30 == 30.4 | 6/24/09 4:10 == 30.8 |
| 6/23/09 14:15 == 32.1 | 6/23/09 18:55 == 30.3 | 6/23/09 23:35 == 30.4 | 6/24/09 4:15 == 30.9 |
| 6/23/09 14:20 == 31.5 | 6/23/09 19:00 == 30.3 | 6/23/09 23:40 == 30.4 | 6/24/09 4:20 == 30.7 |
| 6/23/09 14:25 == 31.4 | 6/23/09 19:05 == 30.2 | 6/23/09 23:45 == 30.5 | 6/24/09 4:25 == 30.8 |
| 6/23/09 14:30 == 31.2 | 6/23/09 19:10 == 30.2 | 6/23/09 23:50 == 30.3 | 6/24/09 4:30 == 30.7 |
| 6/23/09 14:35 == 30.4 | 6/23/09 19:15 == 30.2 | 6/23/09 23:55 == 30.3 | 6/24/09 4:35 == 30.8 |
| 6/23/09 14:40 == 30.3 | 6/23/09 19:20 == 30.2 | 6/24/09 0:00 == 30.5  | 6/24/09 4:40 == 30.8 |
| 6/23/09 14:45 == 30.5 | 6/23/09 19:25 == 30.3 | 6/24/09 0:05 == 30.4  | 6/24/09 4:45 == 30.7 |
| 6/23/09 14:50 == 30.5 | 6/23/09 19:30 == 30.5 | 6/24/09 0:10 == 30.6  | 6/24/09 4:50 == 30.7 |
| 6/23/09 14:55 == 30.5 | 6/23/09 19:35 == 30.2 | 6/24/09 0:15 == 30.7  | 6/24/09 4:55 == 30.6 |
| 6/23/09 15:00 == 30.4 | 6/23/09 19:40 == 30.2 | 6/24/09 0:20 == 30.6  | 6/24/09 5:00 == 30.7 |
| 6/23/09 15:05 == 30.4 | 6/23/09 19:45 == 30.3 | 6/24/09 0:25 == 30.6  | 6/24/09 5:05 == 30   |
| 6/23/09 15:10 == 30.4 | 6/23/09 19:50 == 30.4 | 6/24/09 0:30 == 30.6  | 6/24/09 5:10 == 30.3 |
| 6/23/09 15:15 == 30.5 | 6/23/09 19:55 == 30.2 | 6/24/09 0:35 == 30.5  | 6/24/09 5:15 == 30.2 |
| 6/23/09 15:20 == 30.4 | 6/23/09 20:00 == 30.3 | 6/24/09 0:40 == 30.7  | 6/24/09 5:20 == 30.2 |
| 6/23/09 15:25 == 30.3 | 6/23/09 20:05 == 30.4 | 6/24/09 0:45 == 30.5  | 6/24/09 5:25 == 30.1 |
| 6/23/09 15:30 == 30.3 | 6/23/09 20:10 == 30.5 | 6/24/09 0:50 == 30.6  | 6/24/09 5:30 == 30.3 |
| 6/23/09 15:35 == 30.3 | 6/23/09 20:15 == 30.5 | 6/24/09 0:55 == 30.6  | 6/24/09 5:35 == 30.4 |
| 6/23/09 15:40 == 30.5 | 6/23/09 20:20 == 30.2 | 6/24/09 1:00 == 30.8  | 6/24/09 5:40 == 30.3 |
| 6/23/09 15:45 == 30.5 | 6/23/09 20:25 == 30.4 | 6/24/09 1:05 == 30.6  | 6/24/09 5:45 == 30.6 |
| 6/23/09 15:50 == 30.2 | 6/23/09 20:30 == 30.4 | 6/24/09 1:10 == 30.7  | 6/24/09 5:50 == 30.6 |
| 6/23/09 15:55 == 30.3 | 6/23/09 20:35 == 30.3 | 6/24/09 1:15 == 30.7  | 6/24/09 5:55 == 30.6 |
| 6/23/09 16:00 == 30.5 | 6/23/09 20:40 == 30.4 | 6/24/09 1:20 == 30.5  | 6/24/09 6:00 == 30.6 |
| 6/23/09 16:05 == 30.7 | 6/23/09 20:45 == 30.5 | 6/24/09 1:25 == 30.6  | 6/24/09 6:05 == 30.8 |
| 6/23/09 16:10 == 30.8 | 6/23/09 20:50 == 30.5 | 6/24/09 1:30 == 30.5  | 6/24/09 6:10 == 30.6 |
| 6/23/09 16:15 == 30.9 | 6/23/09 20:55 == 30.3 | 6/24/09 1:35 == 30.6  | 6/24/09 6:15 == 30.8 |
| 6/23/09 16:20 == 30.4 | 6/23/09 21:00 == 30.4 | 6/24/09 1:40 == 30.7  | 6/24/09 6:20 == 30.7 |
| 6/23/09 16:25 == 30.8 | 6/23/09 21:05 == 30.5 | 6/24/09 1:45 == 30.5  | 6/24/09 6:25 == 30.6 |
| 6/23/09 16:30 == 30.6 | 6/23/09 21:10 == 30.4 | 6/24/09 1:50 == 30.6  | 6/24/09 6:30 == 30.7 |
| 6/23/09 16:35 == 30.5 | 6/23/09 21:15 == 30.5 | 6/24/09 1:55 == 30.7  | 6/24/09 6:35 == 30.3 |
| 6/23/09 16:40 == 30.6 | 6/23/09 21:20 == 30.4 | 6/24/09 2:00 == 30.6  | 6/24/09 6:40 == 30.4 |
| 6/23/09 16:45 == 30.5 | 6/23/09 21:25 == 30.5 | 6/24/09 2:05 == 30.3  | 6/24/09 6:45 == 30.4 |
| 6/23/09 16:50 == 30.5 | 6/23/09 21:30 == 30.5 | 6/24/09 2:10 == 30.5  | 6/24/09 6:50 == 30.4 |
| 6/23/09 16:55 == 30.5 | 6/23/09 21:35 == 30.3 | 6/24/09 2:15 == 30.4  | 6/24/09 6:55 == 30.4 |
| 6/23/09 17:00 == 30.5 | 6/23/09 21:40 == 30.3 | 6/24/09 2:20 == 30.4  | 6/24/09 7:00 == 30.5 |
| 6/23/09 17:05 == 30.5 | 6/23/09 21:45 == 30.2 | 6/24/09 2:25 == 30.3  | 6/24/09 7:05 == 30.1 |
| 6/23/09 17:10 == 30.5 | 6/23/09 21:50 == 30.1 | 6/24/09 2:30 == 30.3  | 6/24/09 7:10 == 30.1 |
| 6/23/09 17:15 == 30.5 | 6/23/09 21:55 == 30   | 6/24/09 2:35 == 30.3  | 6/24/09 7:15 == 30   |
| 6/23/09 17:20 == 30.5 | 6/23/09 22:00 == 30.1 | 6/24/09 2:40 == 30.4  | 6/24/09 7:20 == 29.8 |
| 6/23/09 17:25 == 30.4 | 6/23/09 22:05 == 30.1 | 6/24/09 2:45 == 30.4  | 6/24/09 7:25 == 29.7 |
| 6/23/09 17:30 == 30.5 | 6/23/09 22:10 == 30   | 6/24/09 2:50 == 30.5  | 6/24/09 7:30 == 29.7 |
| 6/23/09 17:35 == 30.7 | 6/23/09 22:15 == 30.1 | 6/24/09 2:55 == 30.5  | 6/24/09 7:35 == 29.3 |
| 6/23/09 17:40 == 30.5 | 6/23/09 22:20 == 30.1 | 6/24/09 3:00 == 30.4  | 6/24/09 7:40 == 29.4 |
| 6/23/09 17:45 == 30.5 | 6/23/09 22:25 == 30.1 | 6/24/09 3:05 == 30.6  | 6/24/09 7:45 == 29.4 |
| 6/23/09 17:50 == 30.4 | 6/23/09 22:30 == 30   | 6/24/09 3:10 == 30.6  | 6/24/09 7:50 == 29.6 |
| 6/23/09 17:55 == 30.3 | 6/23/09 22:35 == 29.9 | 6/24/09 3:15 == 30.5  | 6/24/09 7:55 == 29.5 |

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| 6/24/09 8:00 == 29.6  | 6/24/09 12:40 == 29.4 | 6/24/09 17:20 == 29.3 | 6/24/09 22:00 == 29.3 |
| 6/24/09 8:05 == 29.5  | 6/24/09 12:45 == 29.2 | 6/24/09 17:25 == 29.3 | 6/24/09 22:05 == 29.4 |
| 6/24/09 8:10 == 29.6  | 6/24/09 12:50 == 29.1 | 6/24/09 17:30 == 29.5 | 6/24/09 22:10 == 29.3 |
| 6/24/09 8:15 == 30    | 6/24/09 12:55 == 29.8 | 6/24/09 17:35 == 29.3 | 6/24/09 22:15 == 29.3 |
| 6/24/09 8:20 == 29.9  | 6/24/09 13:00 == 29.5 | 6/24/09 17:40 == 29.4 | 6/24/09 22:20 == 29.3 |
| 6/24/09 8:25 == 30    | 6/24/09 13:05 == 29.5 | 6/24/09 17:45 == 29.4 | 6/24/09 22:25 == 29.3 |
| 6/24/09 8:30 == 30    | 6/24/09 13:10 == 29.5 | 6/24/09 17:50 == 29.2 | 6/24/09 22:30 == 29.3 |
| 6/24/09 8:35 == 29.6  | 6/24/09 13:15 == 29.4 | 6/24/09 17:55 == 29.5 | 6/24/09 22:35 == 29.2 |
| 6/24/09 8:40 == 29.7  | 6/24/09 13:20 == 29.4 | 6/24/09 18:00 == 29.2 | 6/24/09 22:40 == 29.3 |
| 6/24/09 8:45 == 29.8  | 6/24/09 13:25 == 29.5 | 6/24/09 18:05 == 29.3 | 6/24/09 22:45 == 29.2 |
| 6/24/09 8:50 == 29.7  | 6/24/09 13:30 == 29.4 | 6/24/09 18:10 == 29.3 | 6/24/09 22:50 == 29.3 |
| 6/24/09 8:55 == 29.7  | 6/24/09 13:35 == 29.7 | 6/24/09 18:15 == 29.3 | 6/24/09 22:55 == 29.3 |
| 6/24/09 9:00 == 29.9  | 6/24/09 13:40 == 29.6 | 6/24/09 18:20 == 29.2 | 6/24/09 23:00 == 29.4 |
| 6/24/09 9:05 == 29.5  | 6/24/09 13:45 == 29.6 | 6/24/09 18:25 == 29.2 | 6/24/09 23:05 == 29.3 |
| 6/24/09 9:10 == 29.6  | 6/24/09 13:50 == 29.5 | 6/24/09 18:30 == 29.2 | 6/24/09 23:10 == 29.3 |
| 6/24/09 9:15 == 29.5  | 6/24/09 13:55 == 29.5 | 6/24/09 18:35 == 29.2 | 6/24/09 23:15 == 29.4 |
| 6/24/09 9:20 == 29.6  | 6/24/09 14:00 == 29.6 | 6/24/09 18:40 == 29.3 | 6/24/09 23:20 == 29.3 |
| 6/24/09 9:25 == 29.6  | 6/24/09 14:05 == 29.6 | 6/24/09 18:45 == 29.2 | 6/24/09 23:25 == 29.3 |
| 6/24/09 9:30 == 29.6  | 6/24/09 14:10 == 29.6 | 6/24/09 18:50 == 29.2 | 6/24/09 23:30 == 29.4 |
| 6/24/09 9:35 == 29.6  | 6/24/09 14:15 == 29.6 | 6/24/09 18:55 == 29.2 | 6/24/09 23:35 == 29.2 |
| 6/24/09 9:40 == 29.7  | 6/24/09 14:20 == 29.3 | 6/24/09 19:00 == 29.2 | 6/24/09 23:40 == 29.3 |
| 6/24/09 9:45 == 29.7  | 6/24/09 14:25 == 29.7 | 6/24/09 19:05 == 29.3 | 6/24/09 23:45 == 29.3 |
| 6/24/09 9:50 == 29.7  | 6/24/09 14:30 == 29.5 | 6/24/09 19:10 == 29.2 | 6/24/09 23:50 == 29.2 |
| 6/24/09 9:55 == 29.6  | 6/24/09 14:35 == 29.5 | 6/24/09 19:15 == 29.4 | 6/24/09 23:55 == 29.5 |
| 6/24/09 10:00 == 29.7 | 6/24/09 14:40 == 29.5 | 6/24/09 19:20 == 29.3 | 6/25/09 0:00 == 29.5  |
| 6/24/09 10:05 == 29.7 | 6/24/09 14:45 == 29.6 | 6/24/09 19:25 == 29.2 | 6/25/09 0:05 == 29.5  |
| 6/24/09 10:10 == 29.6 | 6/24/09 14:50 == 29.3 | 6/24/09 19:30 == 29.2 | 6/25/09 0:10 == 29.5  |
| 6/24/09 10:15 == 29.8 | 6/24/09 14:55 == 29.2 | 6/24/09 19:35 == 29.2 | 6/25/09 0:15 == 29.4  |
| 6/24/09 10:20 == 29.4 | 6/24/09 15:00 == 29.3 | 6/24/09 19:40 == 29.2 | 6/25/09 0:20 == 29.4  |
| 6/24/09 10:25 == 29.6 | 6/24/09 15:05 == 29.4 | 6/24/09 19:45 == 29.3 | 6/25/09 0:25 == 29.4  |
| 6/24/09 10:30 == 29.4 | 6/24/09 15:10 == 29.3 | 6/24/09 19:50 == 29.1 | 6/25/09 0:30 == 29.4  |
| 6/24/09 10:35 == 29.7 | 6/24/09 15:15 == 29.4 | 6/24/09 19:55 == 29.3 | 6/25/09 0:35 == 29.5  |
| 6/24/09 10:40 == 29.6 | 6/24/09 15:20 == 29.3 | 6/24/09 20:00 == 29.3 | 6/25/09 0:40 == 29.6  |
| 6/24/09 10:45 == 29.7 | 6/24/09 15:25 == 29.4 | 6/24/09 20:05 == 29.2 | 6/25/09 0:45 == 29.6  |
| 6/24/09 10:50 == 29.6 | 6/24/09 15:30 == 29.2 | 6/24/09 20:10 == 29.3 | 6/25/09 0:50 == 29.5  |
| 6/24/09 10:55 == 29.7 | 6/24/09 15:35 == 29.3 | 6/24/09 20:15 == 29.3 | 6/25/09 0:55 == 29.5  |
| 6/24/09 11:00 == 29.7 | 6/24/09 15:40 == 29.5 | 6/24/09 20:20 == 29.3 | 6/25/09 1:00 == 29.5  |
| 6/24/09 11:05 == 29.7 | 6/24/09 15:45 == 29.3 | 6/24/09 20:25 == 29.4 | 6/25/09 1:05 == 29.4  |
| 6/24/09 11:10 == 29.7 | 6/24/09 15:50 == 29.3 | 6/24/09 20:30 == 29.3 | 6/25/09 1:10 == 29.5  |
| 6/24/09 11:15 == 29.8 | 6/24/09 15:55 == 29.3 | 6/24/09 20:35 == 29.2 | 6/25/09 1:15 == 29.5  |
| 6/24/09 11:20 == 29.5 | 6/24/09 16:00 == 29.4 | 6/24/09 20:40 == 29.3 | 6/25/09 1:20 == 29.3  |
| 6/24/09 11:25 == 29.7 | 6/24/09 16:05 == 29.3 | 6/24/09 20:45 == 29.3 | 6/25/09 1:25 == 29.6  |
| 6/24/09 11:30 == 29.6 | 6/24/09 16:10 == 29.4 | 6/24/09 20:50 == 29.3 | 6/25/09 1:30 == 29.5  |
| 6/24/09 11:35 == 29.7 | 6/24/09 16:15 == 29.5 | 6/24/09 20:55 == 29.3 | 6/25/09 1:35 == 29.5  |
| 6/24/09 11:40 == 29.7 | 6/24/09 16:20 == 29.3 | 6/24/09 21:00 == 29.3 | 6/25/09 1:40 == 29.5  |
| 6/24/09 11:45 == 29.7 | 6/24/09 16:25 == 29.5 | 6/24/09 21:05 == 29.4 | 6/25/09 1:45 == 29.5  |
| 6/24/09 11:50 == 29.5 | 6/24/09 16:30 == 29.5 | 6/24/09 21:10 == 29.4 | 6/25/09 1:50 == 29.3  |
| 6/24/09 11:55 == 29.7 | 6/24/09 16:35 == 29.3 | 6/24/09 21:15 == 29.4 | 6/25/09 1:55 == 29.4  |
| 6/24/09 12:00 == 29.8 | 6/24/09 16:40 == 29.4 | 6/24/09 21:20 == 29.3 | 6/25/09 2:00 == 29.3  |
| 6/24/09 12:05 == 30   | 6/24/09 16:45 == 29.4 | 6/24/09 21:25 == 29.3 | 6/25/09 2:05 == 29.4  |
| 6/24/09 12:10 == 29.7 | 6/24/09 16:50 == 29.3 | 6/24/09 21:30 == 29.3 | 6/25/09 2:10 == 29.4  |
| 6/24/09 12:15 == 29.8 | 6/24/09 16:55 == 29.3 | 6/24/09 21:35 == 29.4 | 6/25/09 2:15 == 29.3  |
| 6/24/09 12:20 == 29.4 | 6/24/09 17:00 == 29.3 | 6/24/09 21:40 == 29.3 | 6/25/09 2:20 == 29.3  |
| 6/24/09 12:25 == 29.1 | 6/24/09 17:05 == 29.3 | 6/24/09 21:45 == 29.3 | 6/25/09 2:25 == 29.3  |
| 6/24/09 12:30 == 29.4 | 6/24/09 17:10 == 29.4 | 6/24/09 21:50 == 29.3 | 6/25/09 2:30 == 29.5  |
| 6/24/09 12:35 == 29.4 | 6/24/09 17:15 == 29.4 | 6/24/09 21:55 == 29.2 | 6/25/09 2:35 == 29.4  |

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|----------------------|-----------------------|-----------------------|-----------------------|
| 6/25/09 2:40 == 29.3 | 6/25/09 7:20 == 29.3  | 6/25/09 12:00 == 29.6 | 6/25/09 16:40 == 16   |
| 6/25/09 2:45 == 29.4 | 6/25/09 7:25 == 29.2  | 6/25/09 12:05 == 29.5 | 6/25/09 16:45 == 17.4 |
| 6/25/09 2:50 == 29.3 | 6/25/09 7:30 == #     | 6/25/09 12:10 == 29.5 | 6/25/09 16:50 == 42.9 |
| 6/25/09 2:55 == 29.4 | 6/25/09 7:35 == 29.3  | 6/25/09 12:15 == 29.6 | 6/25/09 16:55 == 43.6 |
| 6/25/09 3:00 == 29.4 | 6/25/09 7:40 == 29.2  | 6/25/09 12:20 == 29.2 | 6/25/09 17:00 == 43.6 |
| 6/25/09 3:05 == 29.5 | 6/25/09 7:45 == 29.3  | 6/25/09 12:25 == 29.5 | 6/25/09 17:05 == 43.6 |
| 6/25/09 3:10 == 29.4 | 6/25/09 7:50 == 29.3  | 6/25/09 12:30 == 29.5 | 6/25/09 17:10 == 43.6 |
| 6/25/09 3:15 == 29.3 | 6/25/09 7:55 == 29.3  | 6/25/09 12:35 == 29.4 | 6/25/09 17:15 == 43.4 |
| 6/25/09 3:20 == 29.3 | 6/25/09 8:00 == 29.5  | 6/25/09 12:40 == 29.5 | 6/25/09 17:20 == 43.4 |
| 6/25/09 3:25 == 29.4 | 6/25/09 8:05 == 29.4  | 6/25/09 12:45 == 29.4 | 6/25/09 17:25 == 43.5 |
| 6/25/09 3:30 == 29.4 | 6/25/09 8:10 == 29.3  | 6/25/09 12:50 == 29.5 | 6/25/09 17:30 == 43.8 |
| 6/25/09 3:35 == 29.3 | 6/25/09 8:15 == 30    | 6/25/09 12:55 == 29.3 | 6/25/09 17:35 == 43.6 |
| 6/25/09 3:40 == 29.4 | 6/25/09 8:20 == 29.8  | 6/25/09 13:00 == 27.7 | 6/25/09 17:40 == 43.5 |
| 6/25/09 3:45 == 29.3 | 6/25/09 8:25 == 29.9  | 6/25/09 13:05 == 11.1 | 6/25/09 17:45 == 43.6 |
| 6/25/09 3:50 == 29.4 | 6/25/09 8:30 == 29.6  | 6/25/09 13:10 == 11   | 6/25/09 17:50 == 43.2 |
| 6/25/09 3:55 == 29.3 | 6/25/09 8:35 == 29.4  | 6/25/09 13:15 == 11   | 6/25/09 17:55 == 43.4 |
| 6/25/09 4:00 == 29.5 | 6/25/09 8:40 == 29.6  | 6/25/09 13:20 == 11.1 | 6/25/09 18:00 == 41.7 |
| 6/25/09 4:05 == 29.4 | 6/25/09 8:45 == 29.6  | 6/25/09 13:25 == 11.1 | 6/25/09 18:05 == 30.7 |
| 6/25/09 4:10 == 29.4 | 6/25/09 8:50 == 29.7  | 6/25/09 13:30 == 11.3 | 6/25/09 18:10 == 30.6 |
| 6/25/09 4:15 == 29.4 | 6/25/09 8:55 == 29.6  | 6/25/09 13:35 == 11.8 | 6/25/09 18:15 == 30.7 |
| 6/25/09 4:20 == 29.4 | 6/25/09 9:00 == 29.6  | 6/25/09 13:40 == 11.8 | 6/25/09 18:20 == 30.5 |
| 6/25/09 4:25 == 29.4 | 6/25/09 9:05 == 29.5  | 6/25/09 13:45 == 11.9 | 6/25/09 18:25 == 30.5 |
| 6/25/09 4:30 == 29.5 | 6/25/09 9:10 == 29.6  | 6/25/09 13:50 == 12.4 | 6/25/09 18:30 == 30.5 |
| 6/25/09 4:35 == 29.5 | 6/25/09 9:15 == 29.4  | 6/25/09 13:55 == 12.5 | 6/25/09 18:35 == 30.5 |
| 6/25/09 4:40 == 29.3 | 6/25/09 9:20 == 29.5  | 6/25/09 14:00 == 12.6 | 6/25/09 18:40 == 30.5 |
| 6/25/09 4:45 == 29.5 | 6/25/09 9:25 == 29.4  | 6/25/09 14:05 == 13.3 | 6/25/09 18:45 == 30.6 |
| 6/25/09 4:50 == 29.3 | 6/25/09 9:30 == 29.6  | 6/25/09 14:10 == 13.3 | 6/25/09 18:50 == 31.1 |
| 6/25/09 4:55 == 29.4 | 6/25/09 9:35 == 29.4  | 6/25/09 14:15 == 13.3 | 6/25/09 18:55 == 31.4 |
| 6/25/09 5:00 == 29.4 | 6/25/09 9:40 == 29.5  | 6/25/09 14:20 == 13   | 6/25/09 19:00 == 31.1 |
| 6/25/09 5:05 == 29.4 | 6/25/09 9:45 == 29.7  | 6/25/09 14:25 == 13   | 6/25/09 19:05 == 30.6 |
| 6/25/09 5:10 == 29.3 | 6/25/09 9:50 == 29.5  | 6/25/09 14:30 == 13.2 | 6/25/09 19:10 == 30.6 |
| 6/25/09 5:15 == 29.3 | 6/25/09 9:55 == 29.6  | 6/25/09 14:35 == 13.8 | 6/25/09 19:15 == 30.7 |
| 6/25/09 5:20 == 29.3 | 6/25/09 10:00 == 29.5 | 6/25/09 14:40 == 13.9 | 6/25/09 19:20 == 31.3 |
| 6/25/09 5:25 == 29.3 | 6/25/09 10:05 == 29.2 | 6/25/09 14:45 == 14   | 6/25/09 19:25 == 31.3 |
| 6/25/09 5:30 == 29.5 | 6/25/09 10:10 == 29.4 | 6/25/09 14:50 == 14   | 6/25/09 19:30 == 31.3 |
| 6/25/09 5:35 == 29.5 | 6/25/09 10:15 == 29.5 | 6/25/09 14:55 == 13.9 | 6/25/09 19:35 == 31.3 |
| 6/25/09 5:40 == 29.5 | 6/25/09 10:20 == 29.1 | 6/25/09 15:00 == 14   | 6/25/09 19:40 == 31.5 |
| 6/25/09 5:45 == 29.5 | 6/25/09 10:25 == 29.2 | 6/25/09 15:05 == 14.8 | 6/25/09 19:45 == 31.4 |
| 6/25/09 5:50 == 29.3 | 6/25/09 10:30 == 29.1 | 6/25/09 15:10 == 14.8 | 6/25/09 19:50 == 31.2 |
| 6/25/09 5:55 == 29.4 | 6/25/09 10:35 == 29.2 | 6/25/09 15:15 == 14.7 | 6/25/09 19:55 == 31.2 |
| 6/25/09 6:00 == 29.2 | 6/25/09 10:40 == 29.3 | 6/25/09 15:20 == 14.8 | 6/25/09 20:00 == 31.4 |
| 6/25/09 6:05 == 29.5 | 6/25/09 10:45 == 29.3 | 6/25/09 15:25 == 14.7 | 6/25/09 20:05 == 31.4 |
| 6/25/09 6:10 == 29.5 | 6/25/09 10:50 == 29.4 | 6/25/09 15:30 == 14.8 | 6/25/09 20:10 == 31.4 |
| 6/25/09 6:15 == 29.5 | 6/25/09 10:55 == 29.4 | 6/25/09 15:35 == 15.4 | 6/25/09 20:15 == 31.3 |
| 6/25/09 6:20 == 29.3 | 6/25/09 11:00 == 29.5 | 6/25/09 15:40 == 15.4 | 6/25/09 20:20 == 30.6 |
| 6/25/09 6:25 == 29.4 | 6/25/09 11:05 == 29.4 | 6/25/09 15:45 == 15.4 | 6/25/09 20:25 == 30.6 |
| 6/25/09 6:30 == 29.5 | 6/25/09 11:10 == 29.5 | 6/25/09 15:50 == 15.4 | 6/25/09 20:30 == 30.7 |
| 6/25/09 6:35 == 29.4 | 6/25/09 11:15 == 29.6 | 6/25/09 15:55 == 15.3 | 6/25/09 20:35 == 31.3 |
| 6/25/09 6:40 == 29.4 | 6/25/09 11:20 == 29.4 | 6/25/09 16:00 == 15.5 | 6/25/09 20:40 == 31.3 |
| 6/25/09 6:45 == 29.5 | 6/25/09 11:25 == 29.5 | 6/25/09 16:05 == 15.6 | 6/25/09 20:45 == 31.1 |
| 6/25/09 6:50 == 29.4 | 6/25/09 11:30 == 29.4 | 6/25/09 16:10 == 15.5 | 6/25/09 20:50 == 30.6 |
| 6/25/09 6:55 == 29.4 | 6/25/09 11:35 == 29.4 | 6/25/09 16:15 == 15.8 | 6/25/09 20:55 == 30.5 |
| 6/25/09 7:00 == 29.4 | 6/25/09 11:40 == 29.4 | 6/25/09 16:20 == 16   | 6/25/09 21:00 == 30.7 |
| 6/25/09 7:05 == 29.3 | 6/25/09 11:45 == 29.4 | 6/25/09 16:25 == 15.9 | 6/25/09 21:05 == 30.7 |
| 6/25/09 7:10 == 29.2 | 6/25/09 11:50 == 29.3 | 6/25/09 16:30 == 16   | 6/25/09 21:10 == 30.7 |
| 6/25/09 7:15 == 29.2 | 6/25/09 11:55 == 29.3 | 6/25/09 16:35 == 15.9 | 6/25/09 21:15 == 30.6 |

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|-----------------------|----------------------|-----------------------|-----------------------|
| 6/25/09 21:20 == 30.6 | 6/26/09 2:00 == 29.5 | 6/26/09 6:40 == 30.4  | 6/26/09 11:20 == 15.8 |
| 6/25/09 21:25 == 30.5 | 6/26/09 2:05 == 29.4 | 6/26/09 6:45 == 30.2  | 6/26/09 11:25 == 16   |
| 6/25/09 21:30 == 30.7 | 6/26/09 2:10 == 29.5 | 6/26/09 6:50 == 30.2  | 6/26/09 11:30 == 15.9 |
| 6/25/09 21:35 == 30.5 | 6/26/09 2:15 == 29.5 | 6/26/09 6:55 == 30.3  | 6/26/09 11:35 == 16.2 |
| 6/25/09 21:40 == 30.6 | 6/26/09 2:20 == 29.4 | 6/26/09 7:00 == 30.7  | 6/26/09 11:40 == 16.2 |
| 6/25/09 21:45 == 30.4 | 6/26/09 2:25 == 29.4 | 6/26/09 7:05 == 30.5  | 6/26/09 11:45 == 16.2 |
| 6/25/09 21:50 == 30.4 | 6/26/09 2:30 == 29.6 | 6/26/09 7:10 == 30.5  | 6/26/09 11:50 == 16.1 |
| 6/25/09 21:55 == 30.6 | 6/26/09 2:35 == 30   | 6/26/09 7:15 == 30.5  | 6/26/09 11:55 == 16.2 |
| 6/25/09 22:00 == 30.5 | 6/26/09 2:40 == 30.2 | 6/26/09 7:20 == 30.4  | 6/26/09 12:00 == 18.6 |
| 6/25/09 22:05 == 29.8 | 6/26/09 2:45 == 30   | 6/26/09 7:25 == 30.3  | 6/26/09 12:05 == 43.5 |
| 6/25/09 22:10 == 29.9 | 6/26/09 2:50 == 29.6 | 6/26/09 7:30 == 30.7  | 6/26/09 12:10 == 44   |
| 6/25/09 22:15 == 30.1 | 6/26/09 2:55 == 29.7 | 6/26/09 7:35 == 30.7  | 6/26/09 12:15 == 43.9 |
| 6/25/09 22:20 == 30.4 | 6/26/09 3:00 == 29.6 | 6/26/09 7:40 == 30.7  | 6/26/09 12:20 == 43.5 |
| 6/25/09 22:25 == 30.5 | 6/26/09 3:05 == 29.5 | 6/26/09 7:45 == 30.7  | 6/26/09 12:25 == 43.8 |
| 6/25/09 22:30 == 30.6 | 6/26/09 3:10 == 29.5 | 6/26/09 7:50 == 30.7  | 6/26/09 12:30 == 43.7 |
| 6/25/09 22:35 == 30.6 | 6/26/09 3:15 == 29.5 | 6/26/09 7:55 == 30.7  | 6/26/09 12:35 == 43.9 |
| 6/25/09 22:40 == 30.4 | 6/26/09 3:20 == 29.5 | 6/26/09 8:00 == 30.7  | 6/26/09 12:40 == 43.7 |
| 6/25/09 22:45 == 30.7 | 6/26/09 3:25 == 29.5 | 6/26/09 8:05 == 30.5  | 6/26/09 12:45 == 43.6 |
| 6/25/09 22:50 == 30.6 | 6/26/09 3:30 == 29.4 | 6/26/09 8:10 == 30.6  | 6/26/09 12:50 == 43.7 |
| 6/25/09 22:55 == 30.6 | 6/26/09 3:35 == 29.4 | 6/26/09 8:15 == 27.5  | 6/26/09 12:55 == 43.4 |
| 6/25/09 23:00 == 30.6 | 6/26/09 3:40 == 29.4 | 6/26/09 8:20 == 12.3  | 6/26/09 13:00 == 43.6 |
| 6/25/09 23:05 == 30   | 6/26/09 3:45 == 29.5 | 6/26/09 8:25 == 12.2  | 6/26/09 13:05 == 43.6 |
| 6/25/09 23:10 == 30.1 | 6/26/09 3:50 == 29.5 | 6/26/09 8:30 == 12.3  | 6/26/09 13:10 == 43.6 |
| 6/25/09 23:15 == 30.2 | 6/26/09 3:55 == 29.5 | 6/26/09 8:35 == 11.8  | 6/26/09 13:15 == 41.4 |
| 6/25/09 23:20 == 30   | 6/26/09 4:00 == 29.6 | 6/26/09 8:40 == 11.8  | 6/26/09 13:20 == 30.7 |
| 6/25/09 23:25 == 30   | 6/26/09 4:05 == 29.5 | 6/26/09 8:45 == 11.9  | 6/26/09 13:25 == 30.8 |
| 6/25/09 23:30 == 30   | 6/26/09 4:10 == 29.6 | 6/26/09 8:50 == 11.8  | 6/26/09 13:30 == 31.1 |
| 6/25/09 23:35 == 30   | 6/26/09 4:15 == 29.7 | 6/26/09 8:55 == 11.8  | 6/26/09 13:35 == 31.7 |
| 6/25/09 23:40 == 30.1 | 6/26/09 4:20 == 29.5 | 6/26/09 9:00 == 12.1  | 6/26/09 13:40 == 31.7 |
| 6/25/09 23:45 == 30.3 | 6/26/09 4:25 == 29.6 | 6/26/09 9:05 == 13    | 6/26/09 13:45 == 31.6 |
| 6/25/09 23:50 == 30   | 6/26/09 4:30 == 29.6 | 6/26/09 9:10 == 13    | 6/26/09 13:50 == 31.6 |
| 6/25/09 23:55 == 30   | 6/26/09 4:35 == 29.5 | 6/26/09 9:15 == 13    | 6/26/09 13:55 == 31.8 |
| 6/26/09 0:00 == 30.2  | 6/26/09 4:40 == 29.5 | 6/26/09 9:20 == 13.1  | 6/26/09 14:00 == 31.8 |
| 6/26/09 0:05 == 30.2  | 6/26/09 4:45 == 29.5 | 6/26/09 9:25 == 13.1  | 6/26/09 14:05 == 31.1 |
| 6/26/09 0:10 == 30.1  | 6/26/09 4:50 == 29.6 | 6/26/09 9:30 == 13.3  | 6/26/09 14:10 == 31.2 |
| 6/26/09 0:15 == 30.1  | 6/26/09 4:55 == 29.4 | 6/26/09 9:35 == 13.9  | 6/26/09 14:15 == 31.4 |
| 6/26/09 0:20 == 30.1  | 6/26/09 5:00 == 29.3 | 6/26/09 9:40 == 13.9  | 6/26/09 14:20 == 32   |
| 6/26/09 0:25 == 30.1  | 6/26/09 5:05 == 29.2 | 6/26/09 9:45 == 14.1  | 6/26/09 14:25 == 32   |
| 6/26/09 0:30 == 30.2  | 6/26/09 5:10 == 29.3 | 6/26/09 9:50 == 14.8  | 6/26/09 14:30 == 31.7 |
| 6/26/09 0:35 == 30.1  | 6/26/09 5:15 == 29.3 | 6/26/09 9:55 == 14.8  | 6/26/09 14:35 == 31.1 |
| 6/26/09 0:40 == 30    | 6/26/09 5:20 == 29.2 | 6/26/09 10:00 == 15   | 6/26/09 14:40 == 31   |
| 6/26/09 0:45 == 30.1  | 6/26/09 5:25 == 29.3 | 6/26/09 10:05 == 14.9 | 6/26/09 14:45 == 31   |
| 6/26/09 0:50 == 30.2  | 6/26/09 5:30 == 29.4 | 6/26/09 10:10 == 15.1 | 6/26/09 14:50 == 30.5 |
| 6/26/09 0:55 == 30.2  | 6/26/09 5:35 == 29.4 | 6/26/09 10:15 == 15.3 | 6/26/09 14:55 == 30.4 |
| 6/26/09 1:00 == 30.2  | 6/26/09 5:40 == 29.4 | 6/26/09 10:20 == 15.5 | 6/26/09 15:00 == 30.5 |
| 6/26/09 1:05 == 30    | 6/26/09 5:45 == 29.6 | 6/26/09 10:25 == 15.6 | 6/26/09 15:05 == 30.5 |
| 6/26/09 1:10 == 30.2  | 6/26/09 5:50 == 29.5 | 6/26/09 10:30 == 15.6 | 6/26/09 15:10 == 30.4 |
| 6/26/09 1:15 == 30.1  | 6/26/09 5:55 == 29.4 | 6/26/09 10:35 == 15.6 | 6/26/09 15:15 == 30.4 |
| 6/26/09 1:20 == 30    | 6/26/09 6:00 == 29.5 | 6/26/09 10:40 == 15.6 | 6/26/09 15:20 == 30.4 |
| 6/26/09 1:25 == 30.1  | 6/26/09 6:05 == 29.7 | 6/26/09 10:45 == 15.8 | 6/26/09 15:25 == 30.4 |
| 6/26/09 1:30 == 30.1  | 6/26/09 6:10 == 29.6 | 6/26/09 10:50 == 16.2 | 6/26/09 15:30 == 30.4 |
| 6/26/09 1:35 == 29.6  | 6/26/09 6:15 == 30.2 | 6/26/09 10:55 == 16.2 | 6/26/09 15:35 == 29.8 |
| 6/26/09 1:40 == 29.6  | 6/26/09 6:20 == 29.9 | 6/26/09 11:00 == 16.2 | 6/26/09 15:40 == 29.9 |
| 6/26/09 1:45 == 29.6  | 6/26/09 6:25 == 30   | 6/26/09 11:05 == 16.1 | 6/26/09 15:45 == 29.9 |
| 6/26/09 1:50 == 29.4  | 6/26/09 6:30 == 30.1 | 6/26/09 11:10 == 16.2 | 6/26/09 15:50 == 29.9 |
| 6/26/09 1:55 == 29.6  | 6/26/09 6:35 == 29.9 | 6/26/09 11:15 == 15.8 | 6/26/09 15:55 == 29.8 |

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| 6/26/09 16:00 == 30   | 6/26/09 20:40 == 29.4 | 6/27/09 1:20 == 29.3 | 6/27/09 6:00 == 29.7  |
| 6/26/09 16:05 == 29.9 | 6/26/09 20:45 == 29.2 | 6/27/09 1:25 == 29.3 | 6/27/09 6:05 == 29.6  |
| 6/26/09 16:10 == 29.9 | 6/26/09 20:50 == 29.3 | 6/27/09 1:30 == 29.2 | 6/27/09 6:10 == 29.7  |
| 6/26/09 16:15 == 30.1 | 6/26/09 20:55 == 29.2 | 6/27/09 1:35 == 29.2 | 6/27/09 6:15 == 29.6  |
| 6/26/09 16:20 == 29.8 | 6/26/09 21:00 == 29.3 | 6/27/09 1:40 == 29.3 | 6/27/09 6:20 == 29.6  |
| 6/26/09 16:25 == 29.8 | 6/26/09 21:05 == 30   | 6/27/09 1:45 == 29.3 | 6/27/09 6:25 == 29.7  |
| 6/26/09 16:30 == 29.9 | 6/26/09 21:10 == 29.8 | 6/27/09 1:50 == 29.2 | 6/27/09 6:30 == 29.8  |
| 6/26/09 16:35 == 29.8 | 6/26/09 21:15 == 29.9 | 6/27/09 1:55 == 29.3 | 6/27/09 6:35 == 29.6  |
| 6/26/09 16:40 == 29.8 | 6/26/09 21:20 == 30   | 6/27/09 2:00 == 29.2 | 6/27/09 6:40 == 29.6  |
| 6/26/09 16:45 == 29.9 | 6/26/09 21:25 == 29.9 | 6/27/09 2:05 == 29.4 | 6/27/09 6:45 == 30.3  |
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| 6/26/09 16:55 == 29.9 | 6/26/09 21:35 == 29.3 | 6/27/09 2:15 == 29.2 | 6/27/09 6:55 == 29.4  |
| 6/26/09 17:00 == 29.8 | 6/26/09 21:40 == 29.3 | 6/27/09 2:20 == 29.3 | 6/27/09 7:00 == 29.2  |
| 6/26/09 17:05 == 29.9 | 6/26/09 21:45 == 29.1 | 6/27/09 2:25 == 29.2 | 6/27/09 7:05 == 29.2  |
| 6/26/09 17:10 == 29.9 | 6/26/09 21:50 == 29.1 | 6/27/09 2:30 == 29.2 | 6/27/09 7:10 == 29.2  |
| 6/26/09 17:15 == 29.9 | 6/26/09 21:55 == 29.2 | 6/27/09 2:35 == 29.3 | 6/27/09 7:15 == 29.1  |
| 6/26/09 17:20 == 29.9 | 6/26/09 22:00 == 29.2 | 6/27/09 2:40 == 29.2 | 6/27/09 7:20 == 29.1  |
| 6/26/09 17:25 == 29.8 | 6/26/09 22:05 == 29.1 | 6/27/09 2:45 == 29.3 | 6/27/09 7:25 == 29.1  |
| 6/26/09 17:30 == 29.9 | 6/26/09 22:10 == 29.1 | 6/27/09 2:50 == 29.3 | 6/27/09 7:30 == 29.3  |
| 6/26/09 17:35 == 29.4 | 6/26/09 22:15 == 29.2 | 6/27/09 2:55 == 29.2 | 6/27/09 7:35 == 29.3  |
| 6/26/09 17:40 == 29.3 | 6/26/09 22:20 == 29.1 | 6/27/09 3:00 == 29.3 | 6/27/09 7:40 == 29.3  |
| 6/26/09 17:45 == 29.5 | 6/26/09 22:25 == 29.2 | 6/27/09 3:05 == 29.2 | 6/27/09 7:45 == 29.2  |
| 6/26/09 17:50 == 29.8 | 6/26/09 22:30 == 29.2 | 6/27/09 3:10 == 29.3 | 6/27/09 7:50 == 29.2  |
| 6/26/09 17:55 == 29.9 | 6/26/09 22:35 == 29.2 | 6/27/09 3:15 == 29.2 | 6/27/09 7:55 == 29.3  |
| 6/26/09 18:00 == 29.9 | 6/26/09 22:40 == 29.2 | 6/27/09 3:20 == 29.2 | 6/27/09 8:00 == 29.3  |
| 6/26/09 18:05 == 29.9 | 6/26/09 22:45 == 29.3 | 6/27/09 3:25 == 29.3 | 6/27/09 8:05 == 29.4  |
| 6/26/09 18:10 == 29.9 | 6/26/09 22:50 == 29.2 | 6/27/09 3:30 == 29.2 | 6/27/09 8:10 == 29.3  |
| 6/26/09 18:15 == 29.9 | 6/26/09 22:55 == 29.2 | 6/27/09 3:35 == 29.3 | 6/27/09 8:15 == 29.4  |
| 6/26/09 18:20 == 29   | 6/26/09 23:00 == 29.3 | 6/27/09 3:40 == 29.3 | 6/27/09 8:20 == 29.3  |
| 6/26/09 18:25 == 29.2 | 6/26/09 23:05 == 29.2 | 6/27/09 3:45 == 29.3 | 6/27/09 8:25 == 29.3  |
| 6/26/09 18:30 == 29.3 | 6/26/09 23:10 == 29.1 | 6/27/09 3:50 == 29.2 | 6/27/09 8:30 == 29.3  |
| 6/26/09 18:35 == 29.9 | 6/26/09 23:15 == 29.3 | 6/27/09 3:55 == 29.3 | 6/27/09 8:35 == 29.4  |
| 6/26/09 18:40 == 29.8 | 6/26/09 23:20 == 29.8 | 6/27/09 4:00 == 29.3 | 6/27/09 8:40 == 29.3  |
| 6/26/09 18:45 == 29.8 | 6/26/09 23:25 == 29.8 | 6/27/09 4:05 == 29.3 | 6/27/09 8:45 == 29.3  |
| 6/26/09 18:50 == 29.9 | 6/26/09 23:30 == 29.7 | 6/27/09 4:10 == 29.4 | 6/27/09 8:50 == 29.3  |
| 6/26/09 18:55 == 29.7 | 6/26/09 23:35 == 29.2 | 6/27/09 4:15 == 29.3 | 6/27/09 8:55 == 29.4  |
| 6/26/09 19:00 == 29.8 | 6/26/09 23:40 == 29.1 | 6/27/09 4:20 == 29.3 | 6/27/09 9:00 == 29.2  |
| 6/26/09 19:05 == 29.8 | 6/26/09 23:45 == 29.3 | 6/27/09 4:25 == 29.3 | 6/27/09 9:05 == 29.2  |
| 6/26/09 19:10 == 29.8 | 6/26/09 23:50 == 29.2 | 6/27/09 4:30 == 29.3 | 6/27/09 9:10 == 29.2  |
| 6/26/09 19:15 == 29.9 | 6/26/09 23:55 == 29.3 | 6/27/09 4:35 == 29.4 | 6/27/09 9:15 == 29.2  |
| 6/26/09 19:20 == 29.8 | 6/27/09 0:00 == 29.2  | 6/27/09 4:40 == 29.5 | 6/27/09 9:20 == 29.3  |
| 6/26/09 19:25 == 29.8 | 6/27/09 0:05 == 29.2  | 6/27/09 4:45 == 29.4 | 6/27/09 9:25 == 29.3  |
| 6/26/09 19:30 == 30   | 6/27/09 0:10 == 29.1  | 6/27/09 4:50 == 29.3 | 6/27/09 9:30 == 29.2  |
| 6/26/09 19:35 == 29.8 | 6/27/09 0:15 == 29.3  | 6/27/09 4:55 == 29.3 | 6/27/09 9:35 == 29.2  |
| 6/26/09 19:40 == 29.8 | 6/27/09 0:20 == 29.3  | 6/27/09 5:00 == 29.2 | 6/27/09 9:40 == 29.2  |
| 6/26/09 19:45 == 29.8 | 6/27/09 0:25 == 29.2  | 6/27/09 5:05 == 29.2 | 6/27/09 9:45 == 29.2  |
| 6/26/09 19:50 == 29.8 | 6/27/09 0:30 == 29.2  | 6/27/09 5:10 == 29.1 | 6/27/09 9:50 == 29.2  |
| 6/26/09 19:55 == 29.9 | 6/27/09 0:35 == 29.2  | 6/27/09 5:15 == 29.2 | 6/27/09 9:55 == 29.2  |
| 6/26/09 20:00 == 29.9 | 6/27/09 0:40 == 29.2  | 6/27/09 5:20 == 29.1 | 6/27/09 10:00 == 29.2 |
| 6/26/09 20:05 == 29.9 | 6/27/09 0:45 == 29.4  | 6/27/09 5:25 == 29.1 | 6/27/09 10:05 == 29.2 |
| 6/26/09 20:10 == 30   | 6/27/09 0:50 == 29.3  | 6/27/09 5:30 == 29.2 | 6/27/09 10:10 == 29.2 |
| 6/26/09 20:15 == 30   | 6/27/09 0:55 == 29.2  | 6/27/09 5:35 == 29.2 | 6/27/09 10:15 == 29.1 |
| 6/26/09 20:20 == 29.8 | 6/27/09 1:00 == 29.2  | 6/27/09 5:40 == 29.1 | 6/27/09 10:20 == 29.3 |
| 6/26/09 20:25 == 29.9 | 6/27/09 1:05 == 29.3  | 6/27/09 5:45 == 29.4 | 6/27/09 10:25 == 29.2 |
| 6/26/09 20:30 == 29.8 | 6/27/09 1:10 == 29.2  | 6/27/09 5:50 == 29.3 | 6/27/09 10:30 == 29.2 |
| 6/26/09 20:35 == 29.3 | 6/27/09 1:15 == 29.2  | 6/27/09 5:55 == 29.5 | 6/27/09 10:35 == 29.2 |

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| 6/27/09 10:40 == 29   | 6/27/09 15:20 == 29   | 6/27/09 20:00 == 29   | 6/28/09 0:40 == 30.2 |
| 6/27/09 10:45 == 29.3 | 6/27/09 15:25 == 29   | 6/27/09 20:05 == 28.9 | 6/28/09 0:45 == 30.1 |
| 6/27/09 10:50 == 29.2 | 6/27/09 15:30 == 29   | 6/27/09 20:10 == 28.9 | 6/28/09 0:50 == 30.1 |
| 6/27/09 10:55 == 29.2 | 6/27/09 15:35 == 29   | 6/27/09 20:15 == 28.9 | 6/28/09 0:55 == 30.1 |
| 6/27/09 11:00 == 29.3 | 6/27/09 15:40 == 29   | 6/27/09 20:20 == 28.9 | 6/28/09 1:00 == 30.3 |
| 6/27/09 11:05 == 29.2 | 6/27/09 15:45 == 28.9 | 6/27/09 20:25 == 28.9 | 6/28/09 1:05 == 31   |
| 6/27/09 11:10 == 29.2 | 6/27/09 15:50 == 29   | 6/27/09 20:30 == 29.1 | 6/28/09 1:10 == 30.8 |
| 6/27/09 11:15 == 29.2 | 6/27/09 15:55 == 28.9 | 6/27/09 20:35 == 29.6 | 6/28/09 1:15 == 30.5 |
| 6/27/09 11:20 == 29.2 | 6/27/09 16:00 == 29   | 6/27/09 20:40 == 29.5 | 6/28/09 1:20 == 30.2 |
| 6/27/09 11:25 == 29.2 | 6/27/09 16:05 == 28.9 | 6/27/09 20:45 == 29.4 | 6/28/09 1:25 == 30.3 |
| 6/27/09 11:30 == 29.2 | 6/27/09 16:10 == 29   | 6/27/09 20:50 == 28.9 | 6/28/09 1:30 == 30.2 |
| 6/27/09 11:35 == 29.2 | 6/27/09 16:15 == 29   | 6/27/09 20:55 == 29   | 6/28/09 1:35 == 30.1 |
| 6/27/09 11:40 == 29.1 | 6/27/09 16:20 == 29   | 6/27/09 21:00 == 29.1 | 6/28/09 1:40 == 30.2 |
| 6/27/09 11:45 == 29.2 | 6/27/09 16:25 == 29.1 | 6/27/09 21:05 == 29.6 | 6/28/09 1:45 == 30.1 |
| 6/27/09 11:50 == 29.3 | 6/27/09 16:30 == 28.9 | 6/27/09 21:10 == 29.6 | 6/28/09 1:50 == 30.2 |
| 6/27/09 11:55 == 29.2 | 6/27/09 16:35 == 28.8 | 6/27/09 21:15 == 29.6 | 6/28/09 1:55 == 30.2 |
| 6/27/09 12:00 == 29.2 | 6/27/09 16:40 == 28.9 | 6/27/09 21:20 == 29.5 | 6/28/09 2:00 == 30.3 |
| 6/27/09 12:05 == 29.2 | 6/27/09 16:45 == 28.9 | 6/27/09 21:25 == 29.6 | 6/28/09 2:05 == 30.8 |
| 6/27/09 12:10 == 29.3 | 6/27/09 16:50 == 29   | 6/27/09 21:30 == 29.6 | 6/28/09 2:10 == 30.9 |
| 6/27/09 12:15 == 29.3 | 6/27/09 16:55 == 29   | 6/27/09 21:35 == 29.6 | 6/28/09 2:15 == 30.7 |
| 6/27/09 12:20 == 29.2 | 6/27/09 17:00 == 29   | 6/27/09 21:40 == 29.5 | 6/28/09 2:20 == 30.9 |
| 6/27/09 12:25 == 29.2 | 6/27/09 17:05 == 29   | 6/27/09 21:45 == 29.8 | 6/28/09 2:25 == 30.9 |
| 6/27/09 12:30 == 29.2 | 6/27/09 17:10 == 29.1 | 6/27/09 21:50 == 30.2 | 6/28/09 2:30 == 30.8 |
| 6/27/09 12:35 == 29.2 | 6/27/09 17:15 == 29   | 6/27/09 21:55 == 30.2 | 6/28/09 2:35 == 30.9 |
| 6/27/09 12:40 == 29.2 | 6/27/09 17:20 == 29   | 6/27/09 22:00 == 30.1 | 6/28/09 2:40 == 30.9 |
| 6/27/09 12:45 == 29.2 | 6/27/09 17:25 == 28.9 | 6/27/09 22:05 == 30.1 | 6/28/09 2:45 == 30.9 |
| 6/27/09 12:50 == 29.1 | 6/27/09 17:30 == 28.9 | 6/27/09 22:10 == 30.3 | 6/28/09 2:50 == 30.8 |
| 6/27/09 12:55 == 29.2 | 6/27/09 17:35 == 29   | 6/27/09 22:15 == 30   | 6/28/09 2:55 == 30.8 |
| 6/27/09 13:00 == 29.3 | 6/27/09 17:40 == 28.9 | 6/27/09 22:20 == 30.1 | 6/28/09 3:00 == 30.9 |
| 6/27/09 13:05 == 29.7 | 6/27/09 17:45 == 29   | 6/27/09 22:25 == 30.2 | 6/28/09 3:05 == 30.8 |
| 6/27/09 13:10 == 29.7 | 6/27/09 17:50 == 29   | 6/27/09 22:30 == 30.1 | 6/28/09 3:10 == 30.9 |
| 6/27/09 13:15 == 29.5 | 6/27/09 17:55 == 29   | 6/27/09 22:35 == 30.1 | 6/28/09 3:15 == 30.9 |
| 6/27/09 13:20 == 28.9 | 6/27/09 18:00 == 29   | 6/27/09 22:40 == 30.1 | 6/28/09 3:20 == 30.8 |
| 6/27/09 13:25 == 29   | 6/27/09 18:05 == 29   | 6/27/09 22:45 == 30.2 | 6/28/09 3:25 == 30.8 |
| 6/27/09 13:30 == 29.1 | 6/27/09 18:10 == 29   | 6/27/09 22:50 == 30.2 | 6/28/09 3:30 == 30.8 |
| 6/27/09 13:35 == 29   | 6/27/09 18:15 == 28.9 | 6/27/09 22:55 == 30.1 | 6/28/09 3:35 == 30.9 |
| 6/27/09 13:40 == 29   | 6/27/09 18:20 == 28.9 | 6/27/09 23:00 == 30.2 | 6/28/09 3:40 == 30.8 |
| 6/27/09 13:45 == 29   | 6/27/09 18:25 == 28.9 | 6/27/09 23:05 == 30.2 | 6/28/09 3:45 == 30.8 |
| 6/27/09 13:50 == 29   | 6/27/09 18:30 == 28.9 | 6/27/09 23:10 == 30.1 | 6/28/09 3:50 == 30.8 |
| 6/27/09 13:55 == 29.1 | 6/27/09 18:35 == 28.9 | 6/27/09 23:15 == 30.3 | 6/28/09 3:55 == 30.9 |
| 6/27/09 14:00 == 29   | 6/27/09 18:40 == 29   | 6/27/09 23:20 == 30.9 | 6/28/09 4:00 == 31   |
| 6/27/09 14:05 == 29   | 6/27/09 18:45 == 29   | 6/27/09 23:25 == 30.7 | 6/28/09 4:05 == 30.8 |
| 6/27/09 14:10 == 29.1 | 6/27/09 18:50 == 28.9 | 6/27/09 23:30 == 30.5 | 6/28/09 4:10 == 30.8 |
| 6/27/09 14:15 == 29.2 | 6/27/09 18:55 == 29   | 6/27/09 23:35 == 30.1 | 6/28/09 4:15 == 30.9 |
| 6/27/09 14:20 == 29.6 | 6/27/09 19:00 == 28.9 | 6/27/09 23:40 == 30.1 | 6/28/09 4:20 == 30.9 |
| 6/27/09 14:25 == 29.6 | 6/27/09 19:05 == 28.9 | 6/27/09 23:45 == 30.2 | 6/28/09 4:25 == 30.9 |
| 6/27/09 14:30 == 29.3 | 6/27/09 19:10 == 28.9 | 6/27/09 23:50 == 30.1 | 6/28/09 4:30 == 31   |
| 6/27/09 14:35 == 28.9 | 6/27/09 19:15 == 28.9 | 6/27/09 23:55 == 30.1 | 6/28/09 4:35 == 31.6 |
| 6/27/09 14:40 == 29   | 6/27/09 19:20 == 29   | 6/28/09 0:00 == 30.4  | 6/28/09 4:40 == 31.6 |
| 6/27/09 14:45 == 28.9 | 6/27/09 19:25 == 29   | 6/28/09 0:05 == 30.1  | 6/28/09 4:45 == 31.5 |
| 6/27/09 14:50 == 29.1 | 6/27/09 19:30 == 28.9 | 6/28/09 0:10 == 30.3  | 6/28/09 4:50 == 31   |
| 6/27/09 14:55 == 29   | 6/27/09 19:35 == 29   | 6/28/09 0:15 == 30.1  | 6/28/09 4:55 == 30.8 |
| 6/27/09 15:00 == 28.9 | 6/27/09 19:40 == 28.9 | 6/28/09 0:20 == 30.3  | 6/28/09 5:00 == 30.7 |
| 6/27/09 15:05 == 28.9 | 6/27/09 19:45 == 28.8 | 6/28/09 0:25 == 30.2  | 6/28/09 5:05 == 30.8 |
| 6/27/09 15:10 == 28.9 | 6/27/09 19:50 == 29   | 6/28/09 0:30 == 30.2  | 6/28/09 5:10 == 30.8 |
| 6/27/09 15:15 == 28.9 | 6/27/09 19:55 == 29   | 6/28/09 0:35 == 30.1  | 6/28/09 5:15 == 31   |



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| 6/28/09 5:20 == 31.6 | 6/28/09 10:00 == 31.6 | 6/28/09 14:40 == 32.5 | 6/28/09 19:20 == 33.3 |
| 6/28/09 5:25 == 31.6 | 6/28/09 10:05 == 31.6 | 6/28/09 14:45 == 32.2 | 6/28/09 19:25 == 33.1 |
| 6/28/09 5:30 == 31.6 | 6/28/09 10:10 == 31.6 | 6/28/09 14:50 == 32.2 | 6/28/09 19:30 == 33.2 |
| 6/28/09 5:35 == 31.6 | 6/28/09 10:15 == 31.5 | 6/28/09 14:55 == 32.4 | 6/28/09 19:35 == 33.1 |
| 6/28/09 5:40 == 31.5 | 6/28/09 10:20 == 31.6 | 6/28/09 15:00 == 32.3 | 6/28/09 19:40 == 33.2 |
| 6/28/09 5:45 == 31.7 | 6/28/09 10:25 == 31.5 | 6/28/09 15:05 == 32.3 | 6/28/09 19:45 == 33   |
| 6/28/09 5:50 == 31.7 | 6/28/09 10:30 == 31.8 | 6/28/09 15:10 == 32.4 | 6/28/09 19:50 == 33.2 |
| 6/28/09 5:55 == 31.5 | 6/28/09 10:35 == 31.5 | 6/28/09 15:15 == 32.5 | 6/28/09 19:55 == 33.1 |
| 6/28/09 6:00 == 31.6 | 6/28/09 10:40 == 31.5 | 6/28/09 15:20 == 32.4 | 6/28/09 20:00 == 33.1 |
| 6/28/09 6:05 == 31.6 | 6/28/09 10:45 == 31.9 | 6/28/09 15:25 == 32.3 | 6/28/09 20:05 == 33.1 |
| 6/28/09 6:10 == 31.6 | 6/28/09 10:50 == 32.4 | 6/28/09 15:30 == 32.4 | 6/28/09 20:10 == 33.1 |
| 6/28/09 6:15 == 31.7 | 6/28/09 10:55 == 32.4 | 6/28/09 15:35 == 32.3 | 6/28/09 20:15 == 33.1 |
| 6/28/09 6:20 == 31.6 | 6/28/09 11:00 == 32.4 | 6/28/09 15:40 == 32.3 | 6/28/09 20:20 == 33.1 |
| 6/28/09 6:25 == 31.7 | 6/28/09 11:05 == 32.3 | 6/28/09 15:45 == 32.2 | 6/28/09 20:25 == 33.1 |
| 6/28/09 6:30 == 31.5 | 6/28/09 11:10 == 32.4 | 6/28/09 15:50 == 31.6 | 6/28/09 20:30 == 33.1 |
| 6/28/09 6:35 == 31.6 | 6/28/09 11:15 == 32.5 | 6/28/09 15:55 == 31.6 | 6/28/09 20:35 == 33.2 |
| 6/28/09 6:40 == 31.6 | 6/28/09 11:20 == 32.5 | 6/28/09 16:00 == 31.8 | 6/28/09 20:40 == 33.2 |
| 6/28/09 6:45 == 31.6 | 6/28/09 11:25 == 32.4 | 6/28/09 16:05 == 32.4 | 6/28/09 20:45 == 33.2 |
| 6/28/09 6:50 == 30.8 | 6/28/09 11:30 == 32.4 | 6/28/09 16:10 == 32.3 | 6/28/09 20:50 == 33.1 |
| 6/28/09 6:55 == 30.8 | 6/28/09 11:35 == 32.4 | 6/28/09 16:15 == 32.4 | 6/28/09 20:55 == 33.3 |
| 6/28/09 7:00 == 30.8 | 6/28/09 11:40 == 32.4 | 6/28/09 16:20 == 32.4 | 6/28/09 21:00 == 33.1 |
| 6/28/09 7:05 == 30.8 | 6/28/09 11:45 == 32.4 | 6/28/09 16:25 == 32.4 | 6/28/09 21:05 == 33.2 |
| 6/28/09 7:10 == 30.7 | 6/28/09 11:50 == 32.3 | 6/28/09 16:30 == 32.4 | 6/28/09 21:10 == 33.2 |
| 6/28/09 7:15 == 30.9 | 6/28/09 11:55 == 32.4 | 6/28/09 16:35 == 32.4 | 6/28/09 21:15 == 33.4 |
| 6/28/09 7:20 == 30.8 | 6/28/09 12:00 == 32.5 | 6/28/09 16:40 == 32.4 | 6/28/09 21:20 == 34   |
| 6/28/09 7:25 == 30.8 | 6/28/09 12:05 == 32.5 | 6/28/09 16:45 == 32.3 | 6/28/09 21:25 == 33.9 |
| 6/28/09 7:30 == 31   | 6/28/09 12:10 == 32.4 | 6/28/09 16:50 == 32.3 | 6/28/09 21:30 == 33.9 |
| 6/28/09 7:35 == 31.6 | 6/28/09 12:15 == 32.4 | 6/28/09 16:55 == 32.3 | 6/28/09 21:35 == 33.8 |
| 6/28/09 7:40 == 31.7 | 6/28/09 12:20 == 32.4 | 6/28/09 17:00 == 32.4 | 6/28/09 21:40 == 33.9 |
| 6/28/09 7:45 == 31.6 | 6/28/09 12:25 == 32.4 | 6/28/09 17:05 == 32.3 | 6/28/09 21:45 == 34   |
| 6/28/09 7:50 == 31.7 | 6/28/09 12:30 == 32.3 | 6/28/09 17:10 == 32.3 | 6/28/09 21:50 == 33.8 |
| 6/28/09 7:55 == 31.6 | 6/28/09 12:35 == 32.4 | 6/28/09 17:15 == 32.3 | 6/28/09 21:55 == 33.9 |
| 6/28/09 8:00 == 31.7 | 6/28/09 12:40 == 32.4 | 6/28/09 17:20 == 32.3 | 6/28/09 22:00 == 35.4 |
| 6/28/09 8:05 == 30.8 | 6/28/09 12:45 == 32.5 | 6/28/09 17:25 == 32.3 | 6/28/09 22:05 == 42.8 |
| 6/28/09 8:10 == 30.8 | 6/28/09 12:50 == 32.3 | 6/28/09 17:30 == 32.4 | 6/28/09 22:10 == 42.8 |
| 6/28/09 8:15 == 30.9 | 6/28/09 12:55 == 32.4 | 6/28/09 17:35 == 32.4 | 6/28/09 22:15 == 42.9 |
| 6/28/09 8:20 == 30.8 | 6/28/09 13:00 == 32.4 | 6/28/09 17:40 == 32.4 | 6/28/09 22:20 == 42.9 |
| 6/28/09 8:25 == 31   | 6/28/09 13:05 == 32.3 | 6/28/09 17:45 == 32.2 | 6/28/09 22:25 == 42.8 |
| 6/28/09 8:30 == 30.9 | 6/28/09 13:10 == 32.5 | 6/28/09 17:50 == 32.3 | 6/28/09 22:30 == 42.8 |
| 6/28/09 8:35 == 30.9 | 6/28/09 13:15 == 32.5 | 6/28/09 17:55 == 32.3 | 6/28/09 22:35 == 42.7 |
| 6/28/09 8:40 == 30.9 | 6/28/09 13:20 == 32.3 | 6/28/09 18:00 == 32.4 | 6/28/09 22:40 == 42.8 |
| 6/28/09 8:45 == 30.9 | 6/28/09 13:25 == 32.3 | 6/28/09 18:05 == 32.3 | 6/28/09 22:45 == 42.7 |
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| 6/28/09 8:55 == 31.7 | 6/28/09 13:35 == 32.4 | 6/28/09 18:15 == 32.6 | 6/28/09 22:55 == 42.8 |
| 6/28/09 9:00 == 31.5 | 6/28/09 13:40 == 32.4 | 6/28/09 18:20 == 33.2 | 6/28/09 23:00 == 42.9 |
| 6/28/09 9:05 == 31.6 | 6/28/09 13:45 == 32.5 | 6/28/09 18:25 == 33.2 | 6/28/09 23:05 == 42.7 |
| 6/28/09 9:10 == 31.6 | 6/28/09 13:50 == 33.2 | 6/28/09 18:30 == 33.1 | 6/28/09 23:10 == 42.8 |
| 6/28/09 9:15 == 31.7 | 6/28/09 13:55 == 33.1 | 6/28/09 18:35 == 33.2 | 6/28/09 23:15 == 42.8 |
| 6/28/09 9:20 == 31.6 | 6/28/09 14:00 == 32.8 | 6/28/09 18:40 == 33.1 | 6/28/09 23:20 == 42.9 |
| 6/28/09 9:25 == 31.6 | 6/28/09 14:05 == 32.4 | 6/28/09 18:45 == 33.2 | 6/28/09 23:25 == 42.7 |
| 6/28/09 9:30 == 31.6 | 6/28/09 14:10 == 32.4 | 6/28/09 18:50 == 33.2 | 6/28/09 23:30 == 42.6 |
| 6/28/09 9:35 == 31.6 | 6/28/09 14:15 == 32.4 | 6/28/09 18:55 == 33.2 | 6/28/09 23:35 == 42.8 |
| 6/28/09 9:40 == 31.7 | 6/28/09 14:20 == 32.4 | 6/28/09 19:00 == 33.2 | 6/28/09 23:40 == 42.8 |
| 6/28/09 9:45 == 31.8 | 6/28/09 14:25 == 32.3 | 6/28/09 19:05 == 33.2 | 6/28/09 23:45 == 42.8 |
| 6/28/09 9:50 == 31.6 | 6/28/09 14:30 == 32.3 | 6/28/09 19:10 == 33.1 | 6/28/09 23:50 == 42.9 |
| 6/28/09 9:55 == 31.6 | 6/28/09 14:35 == 32.5 | 6/28/09 19:15 == 33.1 | 6/28/09 23:55 == 42.8 |

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| 6/29/09 0:00 == 42.9 | 6/29/09 4:40 == 33.2 | 6/29/09 9:20 == 43    | 6/29/09 14:00 == 30.8 |
| 6/29/09 0:05 == 42.7 | 6/29/09 4:45 == 33.2 | 6/29/09 9:25 == 43    | 6/29/09 14:05 == 31.3 |
| 6/29/09 0:10 == 42.8 | 6/29/09 4:50 == 33.2 | 6/29/09 9:30 == 43    | 6/29/09 14:10 == 31.3 |
| 6/29/09 0:15 == 42.9 | 6/29/09 4:55 == 33.3 | 6/29/09 9:35 == 43    | 6/29/09 14:15 == 31.4 |
| 6/29/09 0:20 == 42.7 | 6/29/09 5:00 == 33.4 | 6/29/09 9:40 == 42.9  | 6/29/09 14:20 == 31.2 |
| 6/29/09 0:25 == 42.8 | 6/29/09 5:05 == 33.9 | 6/29/09 9:45 == 43.1  | 6/29/09 14:25 == 31.2 |
| 6/29/09 0:30 == 42.9 | 6/29/09 5:10 == 34   | 6/29/09 9:50 == 42.7  | 6/29/09 14:30 == 31.6 |
| 6/29/09 0:35 == 42.8 | 6/29/09 5:15 == 34   | 6/29/09 9:55 == 42.9  | 6/29/09 14:35 == 32.1 |
| 6/29/09 0:40 == 42.9 | 6/29/09 5:20 == 33.9 | 6/29/09 10:00 == 42.8 | 6/29/09 14:40 == 32.1 |
| 6/29/09 0:45 == 42.9 | 6/29/09 5:25 == 34   | 6/29/09 10:05 == 42.8 | 6/29/09 14:45 == 32.1 |
| 6/29/09 0:50 == 42.8 | 6/29/09 5:30 == 34   | 6/29/09 10:10 == 42.8 | 6/29/09 14:50 == 32   |
| 6/29/09 0:55 == 42.8 | 6/29/09 5:35 == 34   | 6/29/09 10:15 == 42.7 | 6/29/09 14:55 == 32.2 |
| 6/29/09 1:00 == 38.4 | 6/29/09 5:40 == 34   | 6/29/09 10:20 == 42.7 | 6/29/09 15:00 == 32.4 |
| 6/29/09 1:05 == 30   | 6/29/09 5:45 == 34   | 6/29/09 10:25 == 42.5 | 6/29/09 15:05 == 33   |
| 6/29/09 1:10 == 30.1 | 6/29/09 5:50 == 34   | 6/29/09 10:30 == 42.5 | 6/29/09 15:10 == 32.8 |
| 6/29/09 1:15 == 30.3 | 6/29/09 5:55 == 33.9 | 6/29/09 10:35 == 42.5 | 6/29/09 15:15 == 32.8 |
| 6/29/09 1:20 == 30.8 | 6/29/09 6:00 == 34   | 6/29/09 10:40 == 43.2 | 6/29/09 15:20 == 32.9 |
| 6/29/09 1:25 == 30.8 | 6/29/09 6:05 == 33.9 | 6/29/09 10:45 == 43.2 | 6/29/09 15:25 == 32.9 |
| 6/29/09 1:30 == 31   | 6/29/09 6:10 == 33.9 | 6/29/09 10:50 == 43.4 | 6/29/09 15:30 == 32.9 |
| 6/29/09 1:35 == 31.6 | 6/29/09 6:15 == 34.1 | 6/29/09 10:55 == 43.3 | 6/29/09 15:35 == 32.9 |
| 6/29/09 1:40 == 31.5 | 6/29/09 6:20 == 33.9 | 6/29/09 11:00 == 43.2 | 6/29/09 15:40 == 33   |
| 6/29/09 1:45 == 31.6 | 6/29/09 6:25 == 33.9 | 6/29/09 11:05 == 43.4 | 6/29/09 15:45 == 33.2 |
| 6/29/09 1:50 == 31.6 | 6/29/09 6:30 == 34   | 6/29/09 11:10 == 43.4 | 6/29/09 15:50 == 33.7 |
| 6/29/09 1:55 == 31.6 | 6/29/09 6:35 == 34   | 6/29/09 11:15 == 43.3 | 6/29/09 15:55 == 33.6 |
| 6/29/09 2:00 == 31.9 | 6/29/09 6:40 == 34   | 6/29/09 11:20 == 43.3 | 6/29/09 16:00 == 33.6 |
| 6/29/09 2:05 == 32.4 | 6/29/09 6:45 == 34   | 6/29/09 11:25 == 43.5 | 6/29/09 16:05 == 33.6 |
| 6/29/09 2:10 == 32.3 | 6/29/09 6:50 == 34.1 | 6/29/09 11:30 == 43.3 | 6/29/09 16:10 == 33.7 |
| 6/29/09 2:15 == 32.4 | 6/29/09 6:55 == 33.8 | 6/29/09 11:35 == 43.4 | 6/29/09 16:15 == 33.8 |
| 6/29/09 2:20 == 32.4 | 6/29/09 7:00 == 34   | 6/29/09 11:40 == 43.4 | 6/29/09 16:20 == 33.7 |
| 6/29/09 2:25 == 32.3 | 6/29/09 7:05 == 33.9 | 6/29/09 11:45 == 43.3 | 6/29/09 16:25 == 33.7 |
| 6/29/09 2:30 == 32.4 | 6/29/09 7:10 == 34   | 6/29/09 11:50 == 43.3 | 6/29/09 16:30 == 33.6 |
| 6/29/09 2:35 == 32.4 | 6/29/09 7:15 == 33.9 | 6/29/09 11:55 == 43.4 | 6/29/09 16:35 == 33.9 |
| 6/29/09 2:40 == 32.4 | 6/29/09 7:20 == 33.9 | 6/29/09 12:00 == 43.5 | 6/29/09 16:40 == 33.8 |
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| 6/29/09 2:50 == 32.4 | 6/29/09 7:30 == 34.1 | 6/29/09 12:10 == 43.5 | 6/29/09 16:50 == 33.6 |
| 6/29/09 2:55 == 32.5 | 6/29/09 7:35 == 33.9 | 6/29/09 12:15 == 43.6 | 6/29/09 16:55 == 33.6 |
| 6/29/09 3:00 == 32.7 | 6/29/09 7:40 == 33.9 | 6/29/09 12:20 == 43.4 | 6/29/09 17:00 == 33.9 |
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| 6/29/09 3:10 == 33.1 | 6/29/09 7:50 == 34   | 6/29/09 12:30 == 43.3 | 6/29/09 17:10 == 34.2 |
| 6/29/09 3:15 == 33.1 | 6/29/09 7:55 == 34   | 6/29/09 12:35 == 43.4 | 6/29/09 17:15 == 34.3 |
| 6/29/09 3:20 == 33.1 | 6/29/09 8:00 == 34   | 6/29/09 12:40 == 43.4 | 6/29/09 17:20 == 34.3 |
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| 6/29/09 3:30 == 33.1 | 6/29/09 8:10 == 33.9 | 6/29/09 12:50 == 43.4 | 6/29/09 17:30 == 34   |
| 6/29/09 3:35 == 33.1 | 6/29/09 8:15 == 34   | 6/29/09 12:55 == 43.4 | 6/29/09 17:35 == 33.6 |
| 6/29/09 3:40 == 33   | 6/29/09 8:20 == 34   | 6/29/09 13:00 == 43.4 | 6/29/09 17:40 == 33.6 |
| 6/29/09 3:45 == 33.2 | 6/29/09 8:25 == 33.9 | 6/29/09 13:05 == 43.4 | 6/29/09 17:45 == 33.9 |
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| 6/29/09 3:55 == 33.2 | 6/29/09 8:35 == 34.1 | 6/29/09 13:15 == 43.4 | 6/29/09 17:55 == 34.3 |
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| 6/29/09 4:20 == 33.2 | 6/29/09 9:00 == 34   | 6/29/09 13:40 == 43.4 | 6/29/09 18:20 == 34.3 |
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| 6/29/09 4:30 == 33.1 | 6/29/09 9:10 == 34   | 6/29/09 13:50 == 30.5 | 6/29/09 18:30 == 34.3 |
| 6/29/09 4:35 == 33.3 | 6/29/09 9:15 == 35.3 | 6/29/09 13:55 == 30.6 | 6/29/09 18:35 == 34.2 |

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| 6/29/09 18:40 == 34.3 | 6/29/09 23:20 == 43.4 | 6/30/09 4:00 == 34.7 | 6/30/09 8:40 == 43.9  |
| 6/29/09 18:45 == 34.2 | 6/29/09 23:25 == 43.5 | 6/30/09 4:05 == 34.5 | 6/30/09 8:45 == 43.8  |
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| 6/29/09 19:10 == 34.3 | 6/29/09 23:50 == 43.3 | 6/30/09 4:30 == 34.4 | 6/30/09 9:10 == 43.7  |
| 6/29/09 19:15 == 36.1 | 6/29/09 23:55 == 43.3 | 6/30/09 4:35 == 34.5 | 6/30/09 9:15 == 43.8  |
| 6/29/09 19:20 == 43.4 | 6/30/09 0:00 == 43.6  | 6/30/09 4:40 == 34.5 | 6/30/09 9:20 == 43.6  |
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| 6/29/09 19:30 == 43.4 | 6/30/09 0:10 == 43.5  | 6/30/09 4:50 == 43   | 6/30/09 9:30 == 43.8  |
| 6/29/09 19:35 == 43.4 | 6/30/09 0:15 == 43.4  | 6/30/09 4:55 == 43.4 | 6/30/09 9:35 == 43.6  |
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| 6/29/09 19:45 == 43.4 | 6/30/09 0:25 == 43.5  | 6/30/09 5:05 == 43.3 | 6/30/09 9:45 == 43.8  |
| 6/29/09 19:50 == 43.5 | 6/30/09 0:30 == 43.6  | 6/30/09 5:10 == 43.5 | 6/30/09 9:50 == 43.7  |
| 6/29/09 19:55 == 43.4 | 6/30/09 0:35 == 43.5  | 6/30/09 5:15 == 43.2 | 6/30/09 9:55 == 43.8  |
| 6/29/09 20:00 == 43.3 | 6/30/09 0:40 == 43.5  | 6/30/09 5:20 == 43.3 | 6/30/09 10:00 == 43.7 |
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| 6/29/09 20:50 == 43.3 | 6/30/09 1:30 == 38.6  | 6/30/09 6:10 == 43.3 | 6/30/09 10:50 == 31.3 |
| 6/29/09 20:55 == 43.3 | 6/30/09 1:35 == 30.7  | 6/30/09 6:15 == 43.2 | 6/30/09 10:55 == 31.6 |
| 6/29/09 21:00 == 43.3 | 6/30/09 1:40 == 30.7  | 6/30/09 6:20 == 43.2 | 6/30/09 11:00 == 31.8 |
| 6/29/09 21:05 == 43.2 | 6/30/09 1:45 == 31.5  | 6/30/09 6:25 == 43.3 | 6/30/09 11:05 == 32.5 |
| 6/29/09 21:10 == 43.3 | 6/30/09 1:50 == 32.2  | 6/30/09 6:30 == 43.2 | 6/30/09 11:10 == 32.7 |
| 6/29/09 21:15 == 43.3 | 6/30/09 1:55 == 32.2  | 6/30/09 6:35 == 43.3 | 6/30/09 11:15 == 33.4 |
| 6/29/09 21:20 == 43.3 | 6/30/09 2:00 == 32.1  | 6/30/09 6:40 == 43.3 | 6/30/09 11:20 == 33.4 |
| 6/29/09 21:25 == 43.2 | 6/30/09 2:05 == 32.2  | 6/30/09 6:45 == 43.2 | 6/30/09 11:25 == 31.6 |
| 6/29/09 21:30 == 43.3 | 6/30/09 2:10 == 32.1  | 6/30/09 6:50 == 43.5 | 6/30/09 11:30 == 32   |
| 6/29/09 21:35 == 43.3 | 6/30/09 2:15 == 32.1  | 6/30/09 6:55 == 43.3 | 6/30/09 11:35 == 33.5 |
| 6/29/09 21:40 == 43.3 | 6/30/09 2:20 == 32.1  | 6/30/09 7:00 == 43.9 | 6/30/09 11:40 == 33.6 |
| 6/29/09 21:45 == 43.2 | 6/30/09 2:25 == 32.1  | 6/30/09 7:05 == 43.5 | 6/30/09 11:45 == 33.8 |
| 6/29/09 21:50 == 43.2 | 6/30/09 2:30 == 32.5  | 6/30/09 7:10 == 43.4 | 6/30/09 11:50 == 34.2 |
| 6/29/09 21:55 == 43.2 | 6/30/09 2:35 == 32.8  | 6/30/09 7:15 == 43.7 | 6/30/09 11:55 == 34.3 |
| 6/29/09 22:00 == 43.4 | 6/30/09 2:40 == 32.9  | 6/30/09 7:20 == 43.5 | 6/30/09 12:00 == 34.7 |
| 6/29/09 22:05 == 43.3 | 6/30/09 2:45 == 32.9  | 6/30/09 7:25 == 43.6 | 6/30/09 12:05 == 35   |
| 6/29/09 22:10 == 43.3 | 6/30/09 2:50 == 32.9  | 6/30/09 7:30 == 43.6 | 6/30/09 12:10 == 35   |
| 6/29/09 22:15 == 43.4 | 6/30/09 2:55 == 32.8  | 6/30/09 7:35 == 43.6 | 6/30/09 12:15 == 35.4 |
| 6/29/09 22:20 == 43.4 | 6/30/09 3:00 == 33.4  | 6/30/09 7:40 == 43.6 | 6/30/09 12:20 == 35.3 |
| 6/29/09 22:25 == 43.3 | 6/30/09 3:05 == 33.8  | 6/30/09 7:45 == 43.6 | 6/30/09 12:25 == 35.2 |
| 6/29/09 22:30 == 43.2 | 6/30/09 3:10 == 33.9  | 6/30/09 7:50 == 43.5 | 6/30/09 12:30 == 35.3 |
| 6/29/09 22:35 == 43.4 | 6/30/09 3:15 == 33.7  | 6/30/09 7:55 == 43.6 | 6/30/09 12:35 == 35   |
| 6/29/09 22:40 == 43.3 | 6/30/09 3:20 == 33.7  | 6/30/09 8:00 == 43.9 | 6/30/09 12:40 == 35.2 |
| 6/29/09 22:45 == 43.4 | 6/30/09 3:25 == 33.7  | 6/30/09 8:05 == 43.7 | 6/30/09 12:45 == 35.5 |
| 6/29/09 22:50 == 43.3 | 6/30/09 3:30 == 33.8  | 6/30/09 8:10 == 43.8 | 6/30/09 12:50 == 35.7 |
| 6/29/09 22:55 == 43.2 | 6/30/09 3:35 == 33.7  | 6/30/09 8:15 == 43.9 | 6/30/09 12:55 == 35.6 |
| 6/29/09 23:00 == 43.4 | 6/30/09 3:40 == 33.8  | 6/30/09 8:20 == 43.7 | 6/30/09 13:00 == 35.5 |
| 6/29/09 23:05 == 43.3 | 6/30/09 3:45 == 33.9  | 6/30/09 8:25 == 43.8 | 6/30/09 13:05 == 35.3 |
| 6/29/09 23:10 == 43.4 | 6/30/09 3:50 == 34.4  | 6/30/09 8:30 == 43.8 | 6/30/09 13:10 == 35.3 |
| 6/29/09 23:15 == 43.3 | 6/30/09 3:55 == 34.3  | 6/30/09 8:35 == 43.8 | 6/30/09 13:15 == 35.6 |

|                       |                       |                       |
|-----------------------|-----------------------|-----------------------|
| 6/30/09 13:20 == 35.7 | 6/30/09 18:00 == 45.1 | 6/30/09 22:40 == 45   |
| 6/30/09 13:25 == 35.7 | 6/30/09 18:05 == 44.9 | 6/30/09 22:45 == 44.9 |
| 6/30/09 13:30 == 35.8 | 6/30/09 18:10 == 45   | 6/30/09 22:50 == 44.7 |
| 6/30/09 13:35 == 35.7 | 6/30/09 18:15 == 39   | 6/30/09 22:55 == 45   |
| 6/30/09 13:40 == 35.8 | 6/30/09 18:20 == 32.1 | 6/30/09 23:00 == 45.1 |
| 6/30/09 13:45 == 38.1 | 6/30/09 18:25 == 32.1 | 6/30/09 23:05 == 45.1 |
| 6/30/09 13:50 == 45.2 | 6/30/09 18:30 == 32.8 | 6/30/09 23:10 == 45   |
| 6/30/09 13:55 == 45.1 | 6/30/09 18:35 == 33.5 | 6/30/09 23:15 == 45   |
| 6/30/09 14:00 == 45.1 | 6/30/09 18:40 == 33.6 | 6/30/09 23:20 == 45   |
| 6/30/09 14:05 == 45   | 6/30/09 18:45 == 34   | 6/30/09 23:25 == 45.1 |
| 6/30/09 14:10 == 45.3 | 6/30/09 18:50 == 34.3 | 6/30/09 23:30 == 45   |
| 6/30/09 14:15 == 45.3 | 6/30/09 18:55 == 34.3 | 6/30/09 23:35 == 45.1 |
| 6/30/09 14:20 == 44.9 | 6/30/09 19:00 == 34.3 | 6/30/09 23:40 == 45.1 |
| 6/30/09 14:25 == 45.1 | 6/30/09 19:05 == 34.4 | 6/30/09 23:45 == 45   |
| 6/30/09 14:30 == 45   | 6/30/09 19:10 == 34.4 | 6/30/09 23:50 == 44.9 |
| 6/30/09 14:35 == 44.9 | 6/30/09 19:15 == 34.5 | 6/30/09 23:55 == 45   |
| 6/30/09 14:40 == 45.2 | 6/30/09 19:20 == 34.2 |                       |
| 6/30/09 14:45 == 45   | 6/30/09 19:25 == 34.4 |                       |
| 6/30/09 14:50 == 44.9 | 6/30/09 19:30 == 34.8 |                       |
| 6/30/09 14:55 == 45   | 6/30/09 19:35 == 35   |                       |
| 6/30/09 15:00 == 45   | 6/30/09 19:40 == 35   |                       |
| 6/30/09 15:05 == 45.1 | 6/30/09 19:45 == 35.1 |                       |
| 6/30/09 15:10 == 45   | 6/30/09 19:50 == 35   |                       |
| 6/30/09 15:15 == 45   | 6/30/09 19:55 == 35.1 |                       |
| 6/30/09 15:20 == 45   | 6/30/09 20:00 == 35.1 |                       |
| 6/30/09 15:25 == 45.1 | 6/30/09 20:05 == 35   |                       |
| 6/30/09 15:30 == 45.1 | 6/30/09 20:10 == 35   |                       |
| 6/30/09 15:35 == 45   | 6/30/09 20:15 == 35.5 |                       |
| 6/30/09 15:40 == 45.2 | 6/30/09 20:20 == 35.5 |                       |
| 6/30/09 15:45 == 45.1 | 6/30/09 20:25 == 35.7 |                       |
| 6/30/09 15:50 == 45.1 | 6/30/09 20:30 == 35.7 |                       |
| 6/30/09 15:55 == 45.1 | 6/30/09 20:35 == 35.6 |                       |
| 6/30/09 16:00 == 45.3 | 6/30/09 20:40 == 35.7 |                       |
| 6/30/09 16:05 == 45.1 | 6/30/09 20:45 == 35.6 |                       |
| 6/30/09 16:10 == 45.1 | 6/30/09 20:50 == 35.6 |                       |
| 6/30/09 16:15 == 45.4 | 6/30/09 20:55 == 35.6 |                       |
| 6/30/09 16:20 == 45.3 | 6/30/09 21:00 == 38.1 |                       |
| 6/30/09 16:25 == 45.3 | 6/30/09 21:05 == 44.9 |                       |
| 6/30/09 16:30 == 45.2 | 6/30/09 21:10 == 44.9 |                       |
| 6/30/09 16:35 == 45.1 | 6/30/09 21:15 == 44.9 |                       |
| 6/30/09 16:40 == 45.3 | 6/30/09 21:20 == 44.8 |                       |
| 6/30/09 16:45 == 45.3 | 6/30/09 21:25 == 45   |                       |
| 6/30/09 16:50 == 45.1 | 6/30/09 21:30 == 45.1 |                       |
| 6/30/09 16:55 == 45.1 | 6/30/09 21:35 == 45   |                       |
| 6/30/09 17:00 == 45.1 | 6/30/09 21:40 == 45   |                       |
| 6/30/09 17:05 == 45.1 | 6/30/09 21:45 == 44.9 |                       |
| 6/30/09 17:10 == 45.1 | 6/30/09 21:50 == 44.9 |                       |
| 6/30/09 17:15 == 45.1 | 6/30/09 21:55 == 44.9 |                       |
| 6/30/09 17:20 == 45.1 | 6/30/09 22:00 == 45   |                       |
| 6/30/09 17:25 == 45.1 | 6/30/09 22:05 == 44.9 |                       |
| 6/30/09 17:30 == 45   | 6/30/09 22:10 == 45   |                       |
| 6/30/09 17:35 == 44.8 | 6/30/09 22:15 == 45.1 |                       |
| 6/30/09 17:40 == 45   | 6/30/09 22:20 == 44.9 |                       |
| 6/30/09 17:45 == 45   | 6/30/09 22:25 == 45   |                       |
| 6/30/09 17:50 == 44.8 | 6/30/09 22:30 == 44.9 |                       |
| 6/30/09 17:55 == 45   | 6/30/09 22:35 == 44.9 |                       |